

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130407.D
 Acq On : 26 Sep 2022 14:23
 Operator : CG\JU
 Sample : PB147850BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147850BSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/27/2022
 Supervised By : Jagrut Upadhyay 09/27/2022

Quant Time: Sep 27 01:04:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	113693	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	444873	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	238728	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	413264	20.000	ng	0.00
76) Chrysene-d12	13.804	240	241772	20.000	ng	0.00
86) Perylene-d12	15.192	264	207154	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	884975	135.009	ng	0.02
7) Phenol-d6	6.304	99	1089043	132.782	ng	0.01
23) Nitrobenzene-d5	7.222	82	687072	78.902	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	367642	160.720	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1359116	82.903	ng	0.00
79) Terphenyl-d14	12.763	244	1468185	100.592	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.363	88	98163	32.608	ng	97
3) Pyridine	3.040	79	263646	33.572	ng	92
4) n-Nitrosodimethylamine	2.999	42	154526	36.179	ng	92
6) Aniline	6.316	93	393596	38.948	ng	# 24
8) 2-Chlorophenol	6.439	128	349388	46.791	ng	91
9) Benzaldehyde	6.198	77	205727	37.446	ng	96
10) Phenol	6.316	94	418075	43.497	ng	# 78
11) bis(2-Chloroethyl)ether	6.398	93	309198	44.600	ng	92
12) 1,3-Dichlorobenzene	6.592	146	365979	44.544	ng	98
13) 1,4-Dichlorobenzene	6.669	146	375652	44.835	ng	99
14) 1,2-Dichlorobenzene	6.822	146	357828	45.718	ng	96
15) Benzyl Alcohol	6.810	79	225600	34.693	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.934	45	379302	37.512	ng	80
17) 2-Methylphenol	6.922	107	289748	47.735	ng	97
18) Hexachloroethane	7.163	117	143456	43.437	ng	94
19) n-Nitroso-di-n-propyla...	7.081	70	227156	41.045	ng	91
20) 3+4-Methylphenols	7.075	107	351876	44.625	ng	# 80
22) Acetophenone	7.069	105	490970	45.140	ng	# 92
24) Nitrobenzene	7.245	77	356275	40.294	ng	# 89
25) Isophorone	7.481	82	634443	45.204	ng	97
26) 2-Nitrophenol	7.557	139	186896	51.563	ng	89
27) 2,4-Dimethylphenol	7.604	122	275570	49.377	ng	95
28) bis(2-Chloroethoxy)met...	7.698	93	378698	47.919	ng	99
29) 2,4-Dichlorophenol	7.804	162	287943	47.082	ng	94
30) 1,2,4-Trichlorobenzene	7.881	180	302864	45.804	ng	94
31) Naphthalene	7.957	128	1002908	43.758	ng	100
32) Benzoic acid	7.751	122	197102	45.669	ng	97
33) 4-Chloroaniline	8.016	127	269242	30.887	ng	94
34) Hexachlorobutadiene	8.075	225	189850	44.927	ng	99
35) Caprolactam	8.392	113	91493m	52.184	ng	
36) 4-Chloro-3-methylphenol	8.510	107	319279	47.099	ng	99
37) 2-Methylnaphthalene	8.651	142	649161	44.423	ng	98
38) 1-Methylnaphthalene	8.751	142	619975	44.164	ng	98
40) 1,2,4,5-Tetrachloroben...	8.816	216	306398	47.029	ng	99
41) Hexachlorocyclopentadiene	8.804	237	378340	108.467	ng	99
43) 2,4,6-Trichlorophenol	8.933	196	207207	45.571	ng	96

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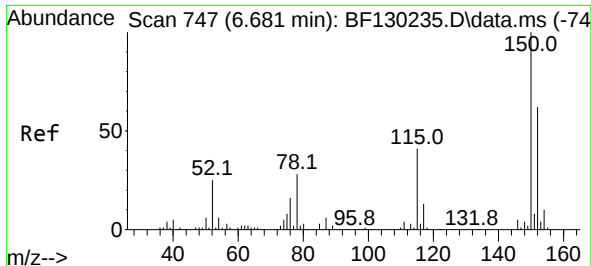
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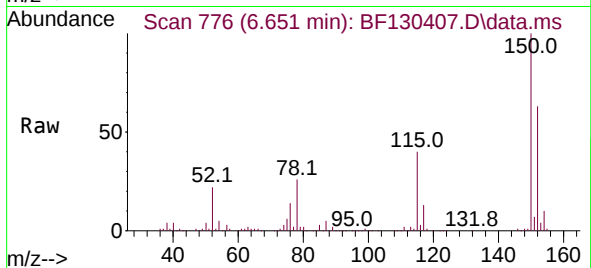
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	226283	46.118	ng	97
46) 1,1'-Biphenyl	9.116	154	802956	45.036	ng	98
47) 2-Chloronaphthalene	9.139	162	632802	43.875	ng	97
48) 2-Nitroaniline	9.239	65	197696	41.097	ng	95
49) Acenaphthylene	9.551	152	958111	44.306	ng	100
50) Dimethylphthalate	9.428	163	747661	45.339	ng	99
51) 2,6-Dinitrotoluene	9.486	165	166010	48.136	ng	86
52) Acenaphthene	9.728	154	694619m	48.889	ng	
53) 3-Nitroaniline	9.651	138	125280	32.600	ng	95
54) 2,4-Dinitrophenol	9.763	184	186084	97.944	ng	89
55) Dibenzofuran	9.898	168	870299	44.038	ng	98
56) 4-Nitrophenol	9.833	139	249926	89.292	ng	86
57) 2,4-Dinitrotoluene	9.892	165	220091	49.935	ng	89
58) Fluorene	10.239	166	708610	43.844	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	175856	45.790	ng	94
60) Diethylphthalate	10.122	149	732488	44.295	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	337008	47.533	ng	96
62) 4-Nitroaniline	10.275	138	175392	45.433	ng	85
63) Azobenzene	10.392	77	662863	38.928	ng	96
65) 4,6-Dinitro-2-methylph...	10.298	198	113718	49.432	ng	80
66) n-Nitrosodiphenylamine	10.357	169	611754	44.298	ng	99
67) 4-Bromophenyl-phenylether	10.722	248	216284	47.442	ng	95
68) Hexachlorobenzene	10.780	284	249337	48.247	ng	97
69) Atrazine	10.886	200	206257	51.107	ng	98
70) Pentachlorophenol	10.980	266	256529	92.491	ng	97
71) Phenanthrene	11.198	178	1005892	43.353	ng	100
72) Anthracene	11.251	178	1012609	45.224	ng	100
73) Carbazole	11.410	167	916036	45.332	ng	99
74) Di-n-butylphthalate	11.745	149	1088298	44.661	ng	99
75) Fluoranthene	12.380	202	1021854	45.577	ng	98
77) Benzidine	12.510	184	456694	65.071	ng	100
78) Pyrene	12.610	202	996099	47.096	ng	99
80) Butylbenzylphthalate	13.239	149	376896	48.102	ng	90
81) Benzo(a)anthracene	13.798	228	726721	45.183	ng	100
82) 3,3'-Dichlorobenzidine	13.763	252	195741	44.708	ng	99
83) Chrysene	13.833	228	671457	43.968	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	437442	48.741	ng	# 98
85) Di-n-octyl phthalate	14.410	149	634813	46.245	ng	96
87) Indeno(1,2,3-cd)pyrene	16.527	276	665122	45.277	ng	98
88) Benzo(b)fluoranthene	14.810	252	650903	48.141	ng	99
89) Benzo(k)fluoranthene	14.833	252	601617	45.233	ng	100
90) Benzo(a)pyrene	15.139	252	541931	50.592	ng	99
91) Dibenzo(a,h)anthracene	16.545	278	582701	48.352	ng	97
92) Benzo(g,h,i)perylene	16.927	276	571625	47.087	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

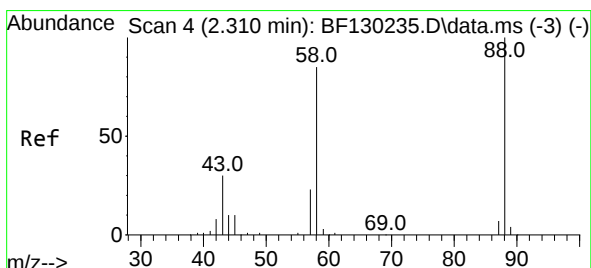
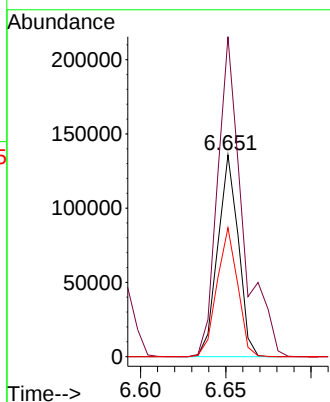
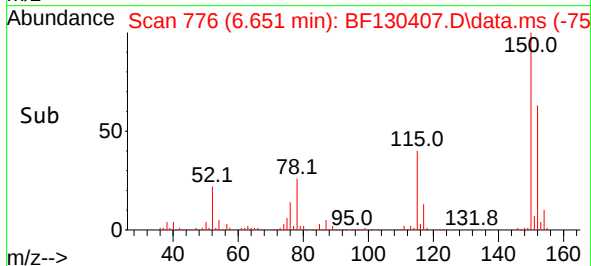
Instrument :
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ClientSampleId :
PB147850BSD



Tgt Ion:152 Resp: 113693
Ion Ratio Lower Upper
152 100
150 158.7 122.8 184.2
115 63.9 53.8 80.8

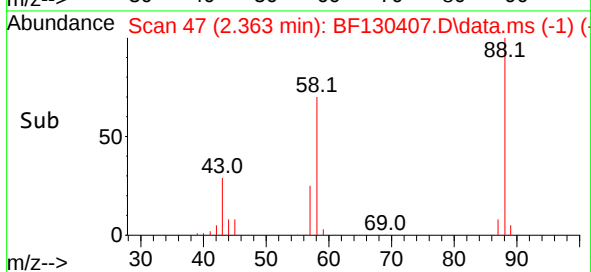
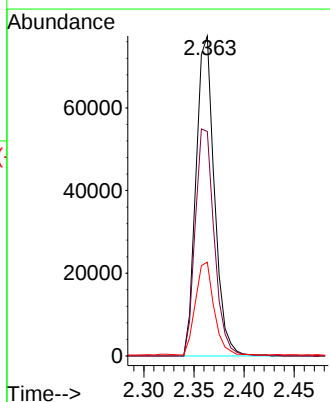
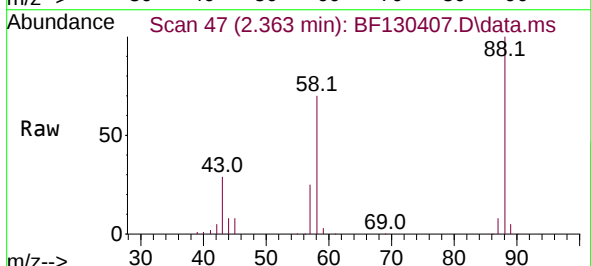
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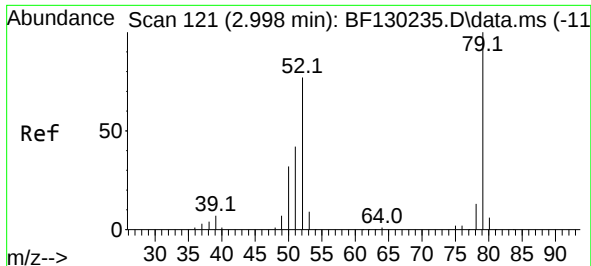
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#2
1,4-Dioxane
Concen: 32.608 ng
RT: 2.363 min Scan# 47
Delta R.T. 0.135 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

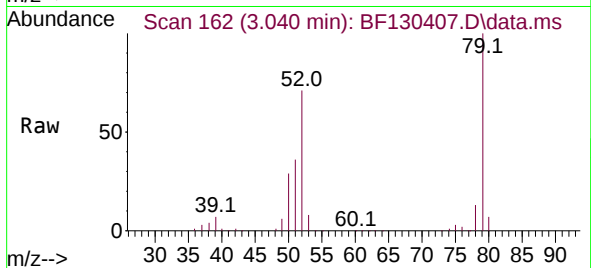
Tgt Ion: 88 Resp: 98163
Ion Ratio Lower Upper
88 100
58 73.7 61.3 91.9
43 29.4 23.0 34.6





#3
Pyridine
Concen: 33.572 ng
RT: 3.040 min Scan# 10
Delta R.T. 0.129 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

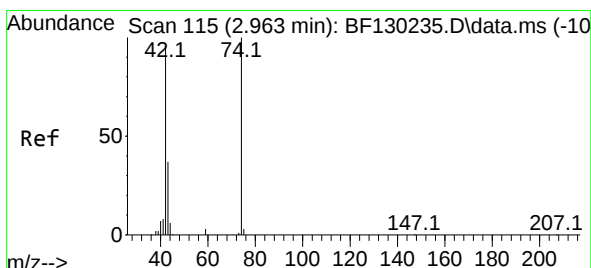
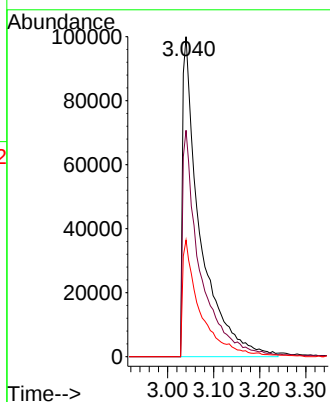
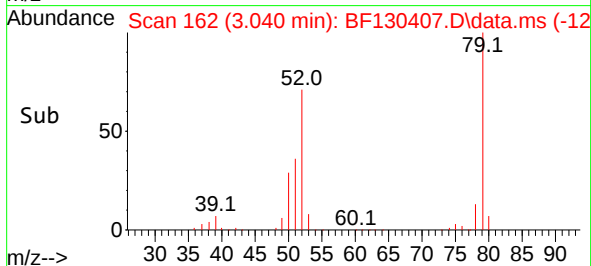
Instrument :
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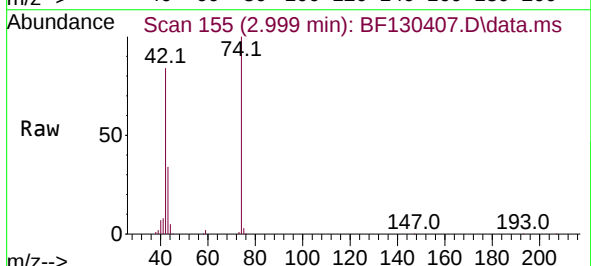
Tgt Ion: 79 Resp: 263646
Ion Ratio Lower Upper
79 100
52 70.7 62.4 93.6
51 36.4 32.2 48.4

Manual Integrations
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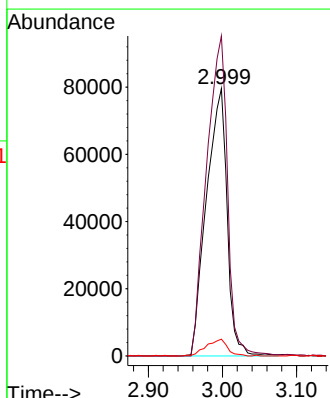
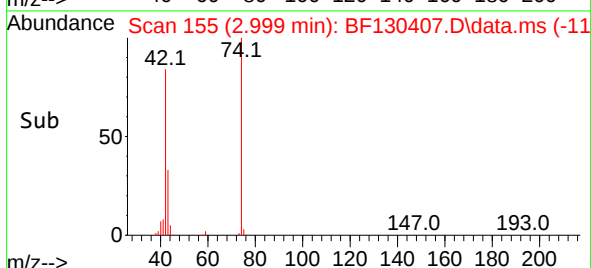
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Supervised By :Jagrut Upadhyay 09/27/2022

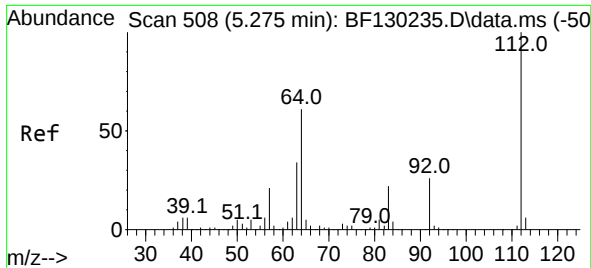


#4
n-Nitrosodimethylamine
Concen: 36.179 ng
RT: 2.999 min Scan# 155
Delta R.T. 0.129 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



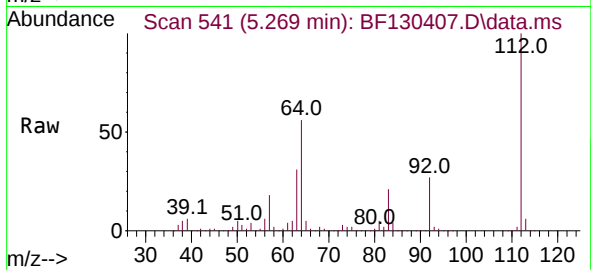
Tgt Ion: 42 Resp: 154526
Ion Ratio Lower Upper
42 100
74 119.7 88.4 132.6
44 6.3 5.0 7.4





#5
2-Fluorophenol
Concen: 135.009 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.023 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

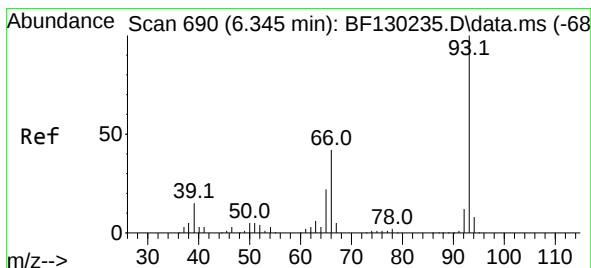
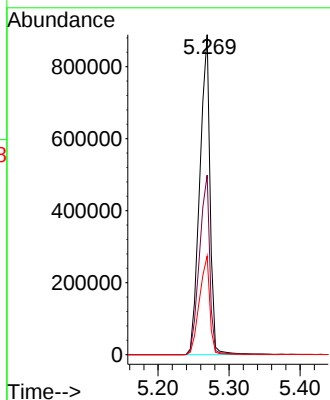
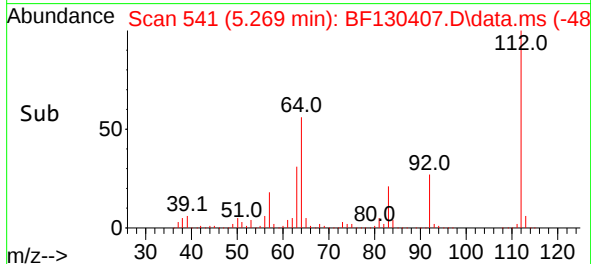
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Tgt Ion:112 Resp: 884975
Ion Ratio Lower Upper
112 100
64 56.1 51.4 77.0
63 30.8 28.8 43.2

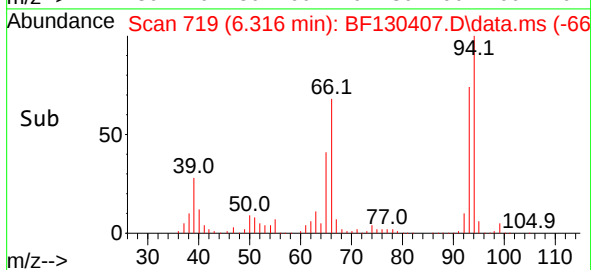
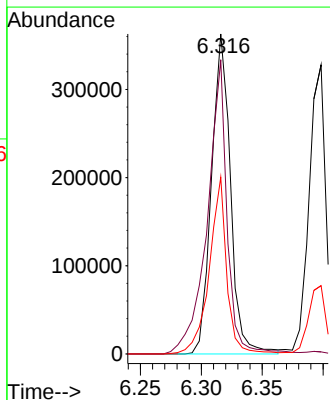
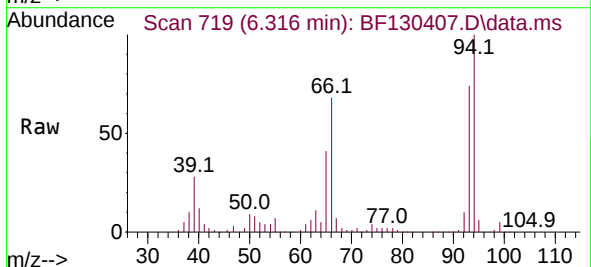
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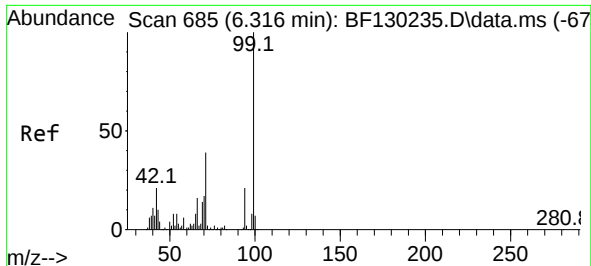
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#6
Aniline
Concen: 38.948 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

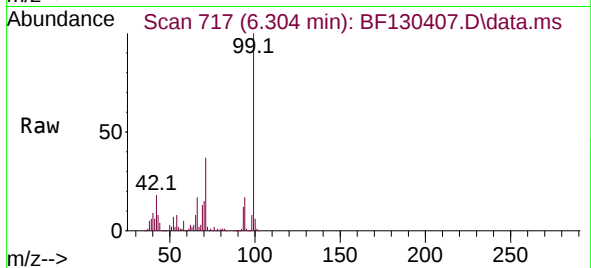
Tgt Ion: 93 Resp: 393596
Ion Ratio Lower Upper
93 100
66 91.9 34.2 51.4#
65 55.2 16.6 24.8#





#7
Phenol-d6
Concen: 132.782 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

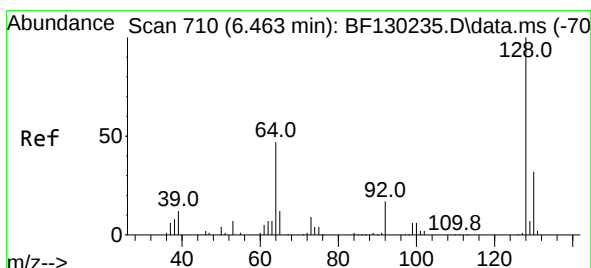
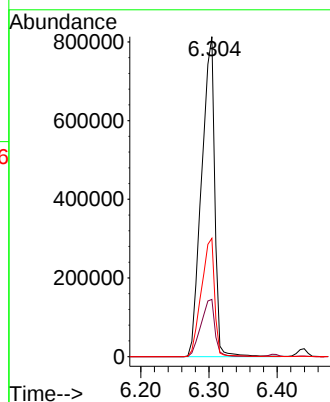
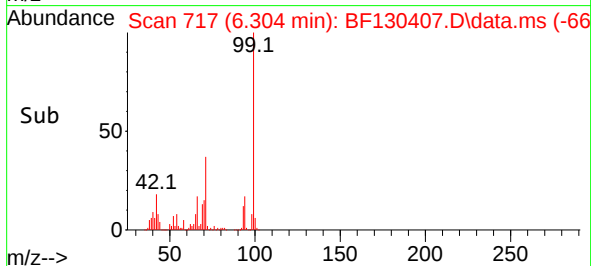
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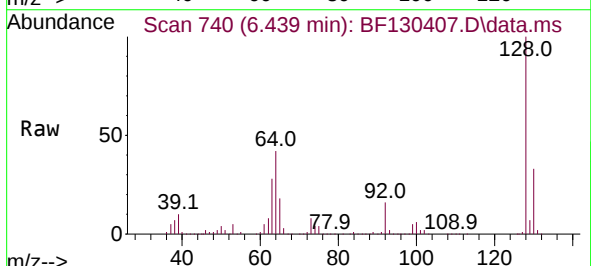
Tgt Ion: 99 Resp: 108904
Ion Ratio Lower Upper
99 100
42 17.9 17.0 25.6
71 37.0 32.3 48.5

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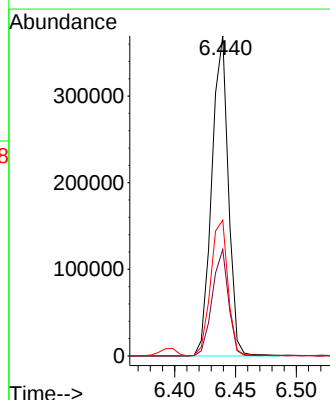
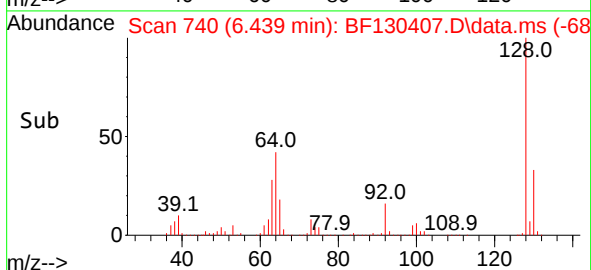
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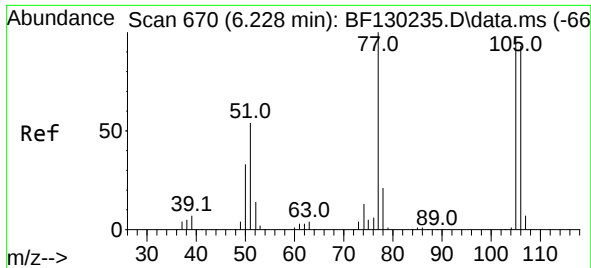


#8
2-Chlorophenol
Concen: 46.791 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



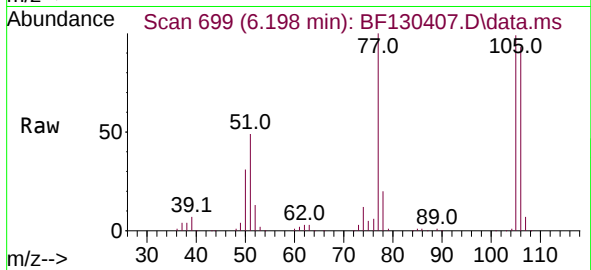
Tgt Ion:128 Resp: 349388
Ion Ratio Lower Upper
128 100
130 33.3 12.4 52.4
64 42.4 31.6 71.6





#9
Benzaldehyde
Concen: 37.446 ng
RT: 6.198 min Scan# 699
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

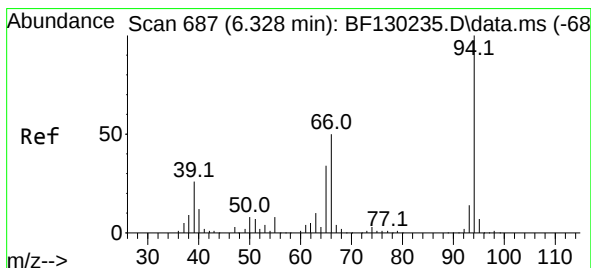
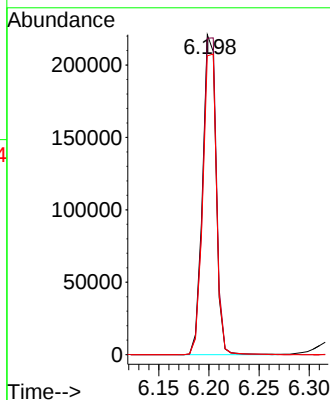
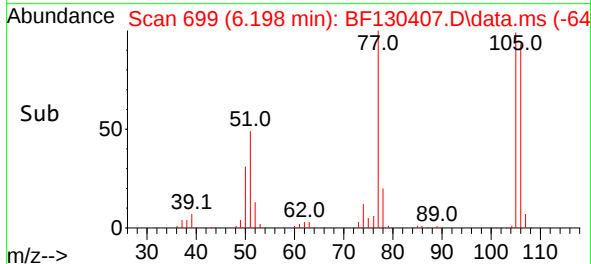
Instrument :
BNA_F
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PB147850BSD



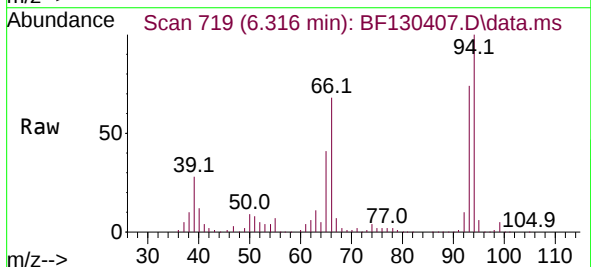
Tgt Ion: 77 Resp: 20572
Ion Ratio Lower Upper
77 100
105 98.9 75.1 115.1
106 93.4 69.7 109.7

Manual Integrations
APPROVED

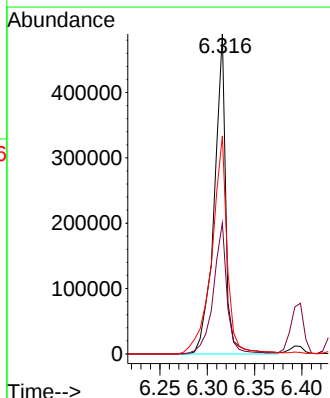
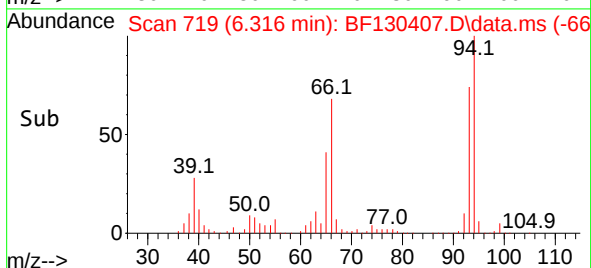
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

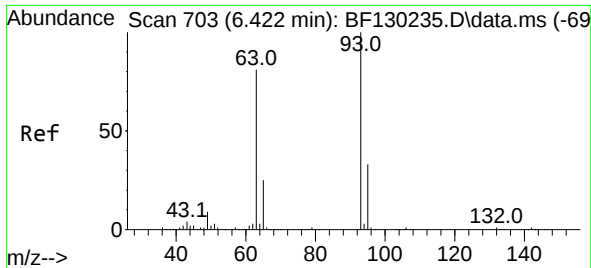


#10
Phenol
Concen: 43.497 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



Tgt Ion: 94 Resp: 418075
Ion Ratio Lower Upper
94 100
65 40.9 14.1 54.1
66 68.1 28.1 68.1#





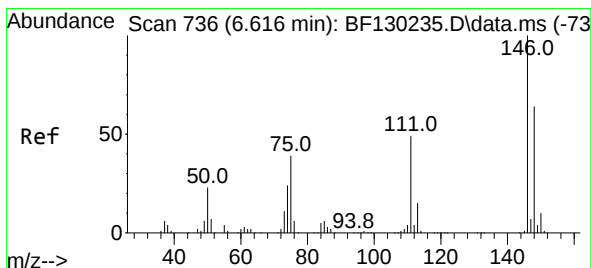
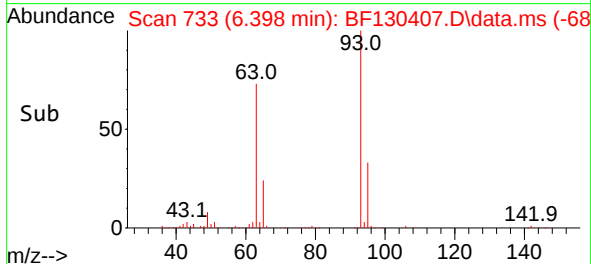
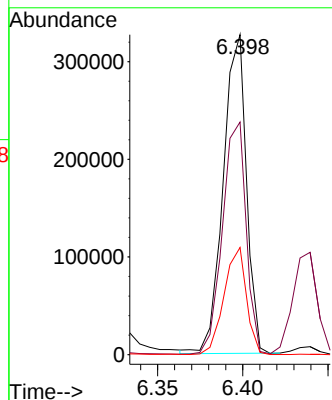
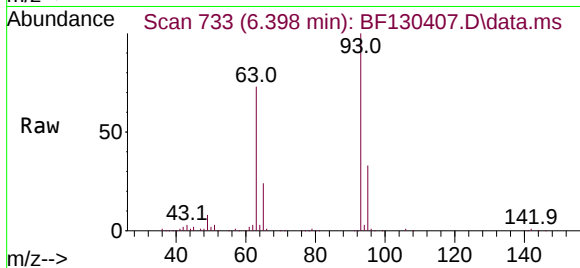
#11
bis(2-Chloroethyl)ether
Concen: 44.600 ng
RT: 6.398 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :
BNA_F
ClientSampleId :
PB147850BSD

Tgt Ion: 93 Resp: 309198
Ion Ratio Lower Upper
93 100
63 72.7 62.5 102.5
95 33.5 12.5 52.5

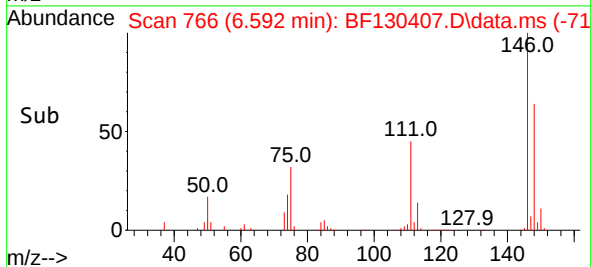
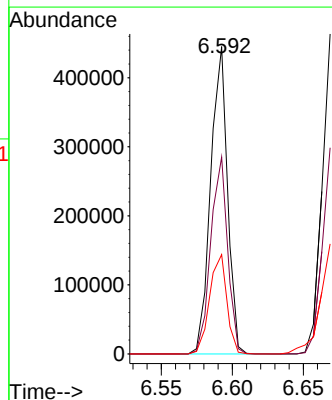
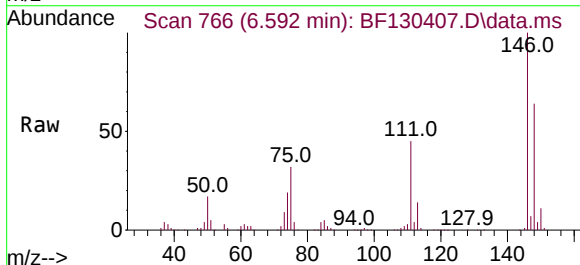
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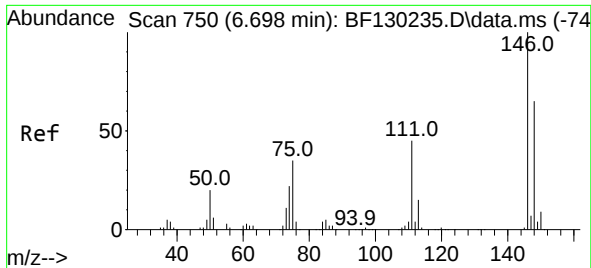
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#12
1,3-Dichlorobenzene
Concen: 44.544 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Tgt Ion:146 Resp: 365979
Ion Ratio Lower Upper
146 100
148 64.1 51.4 77.2
75 32.3 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 44.835 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

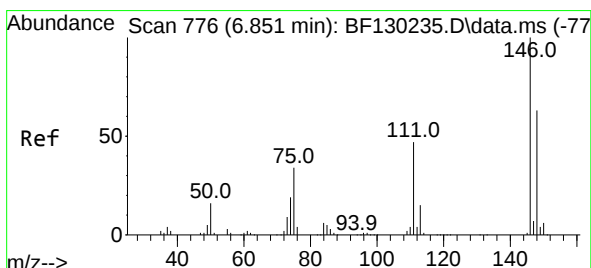
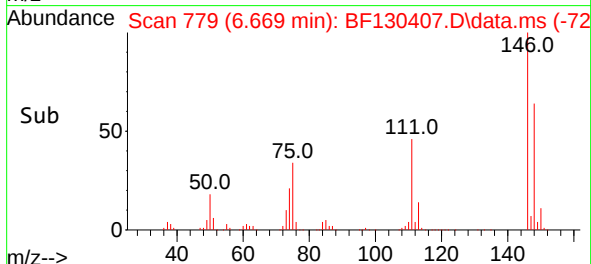
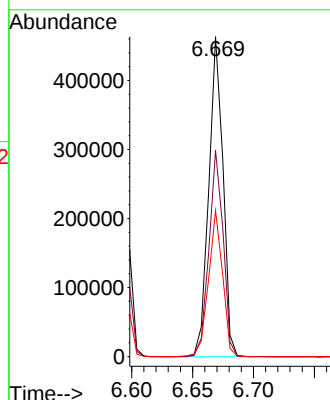
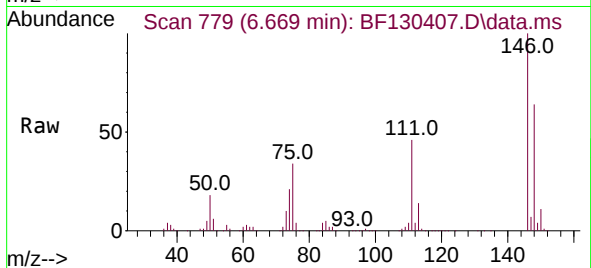
PB147850BSD

Tgt Ion:146 Resp: 375652
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.3 75.5
 111 45.7 36.3 54.5

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 Supervised By :Jagrut Upadhyay 09/27/2022



#14

1,2-Dichlorobenzene

Concen: 45.718 ng

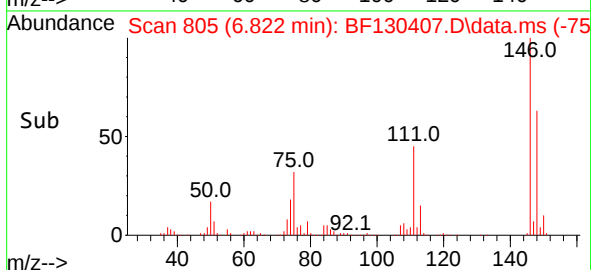
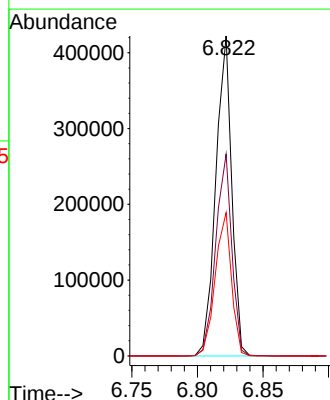
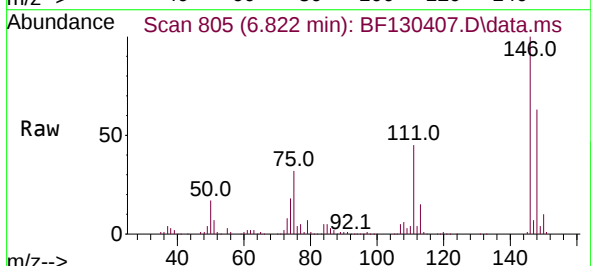
RT: 6.822 min Scan# 805

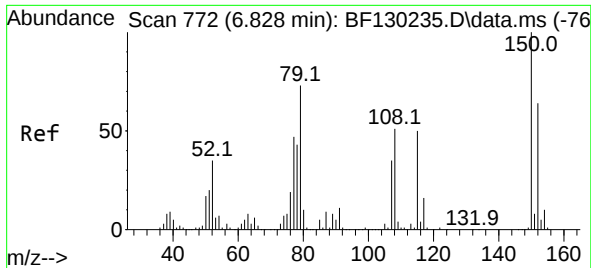
Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

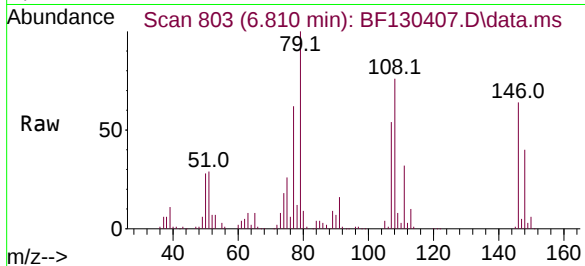
Tgt Ion:146 Resp: 357828
 Ion Ratio Lower Upper
 146 100
 148 63.0 51.6 77.4
 111 44.8 39.2 58.8





#15
Benzyl Alcohol
Concen: 34.693 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

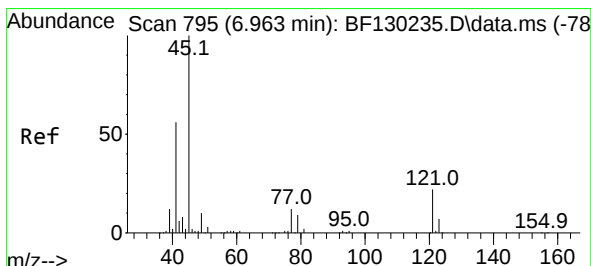
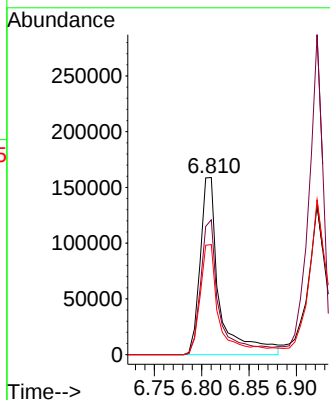
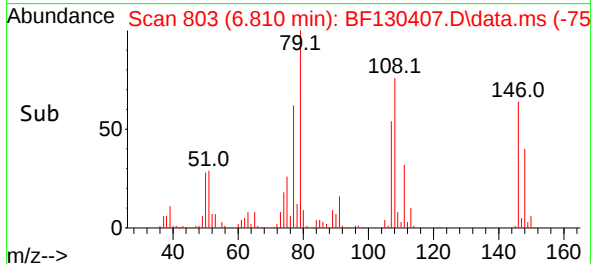
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



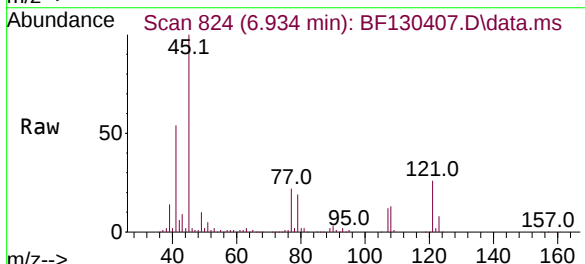
Tgt Ion: 79 Resp: 225600
Ion Ratio Lower Upper
79 100
108 76.1 54.0 81.0
77 62.2 51.3 76.9

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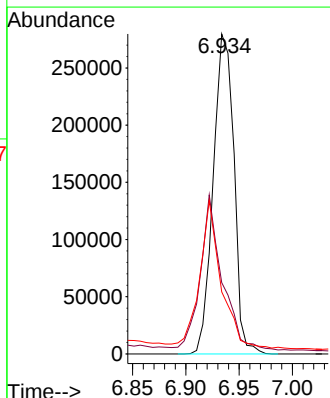
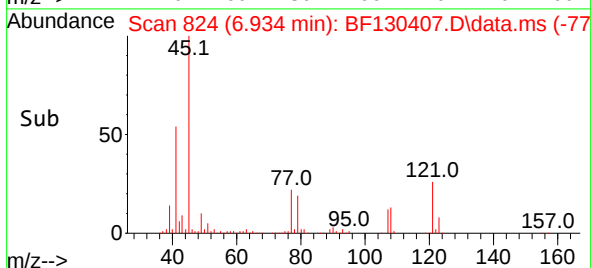
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

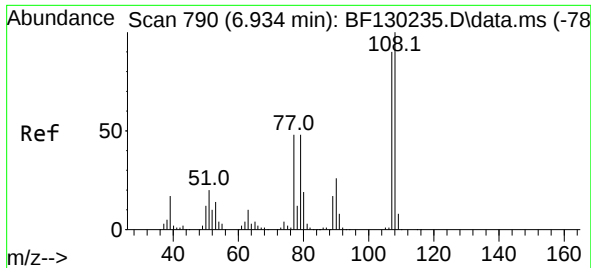


#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.512 ng
RT: 6.934 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



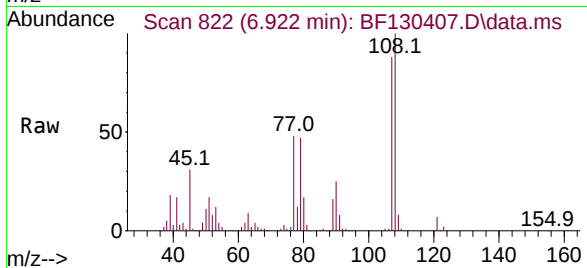
Tgt Ion: 45 Resp: 379302
Ion Ratio Lower Upper
45 100
77 22.3 0.0 34.9
79 19.4 0.0 31.0





#17
2-Methylphenol
Concen: 47.735 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :
BNA_F
ClientSampleId :
PB147850BSD

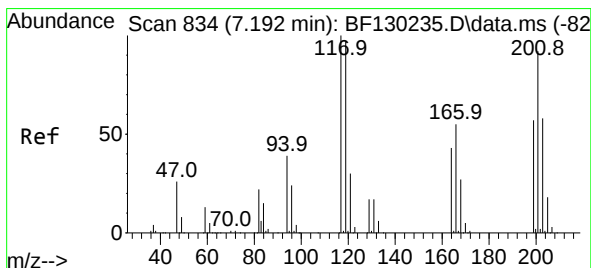
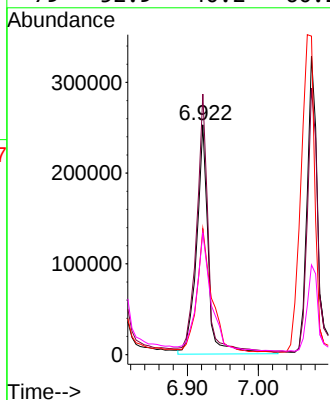
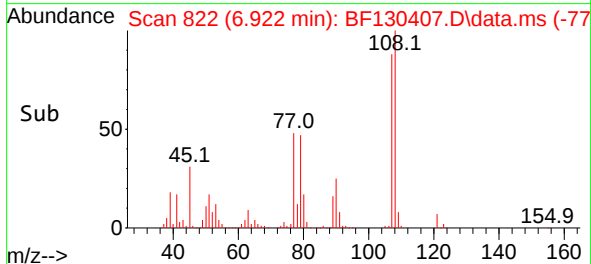


Tgt Ion:107 Resp: 289748

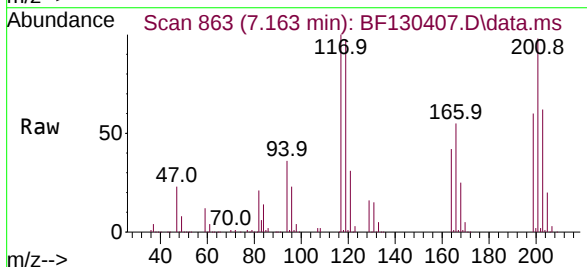
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.4	134.0
77	54.8	40.6	60.8
79	52.9	40.2	60.2

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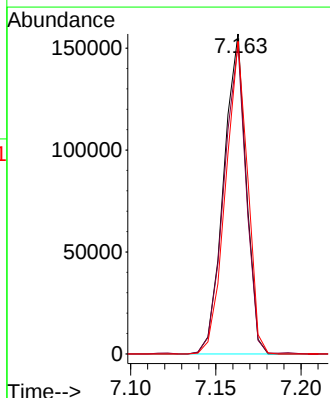
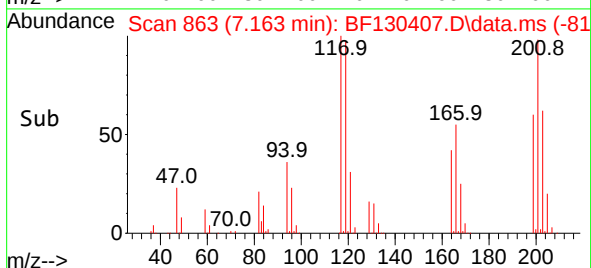


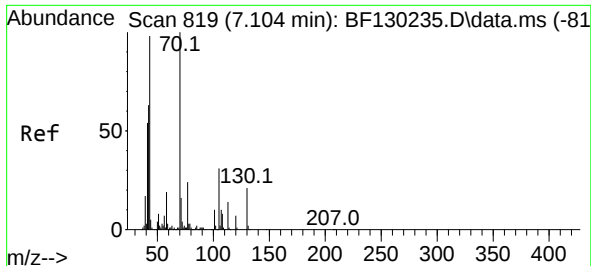
#18
Hexachloroethane
Concen: 43.437 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



Tgt Ion:117 Resp: 143456

Ion	Ratio	Lower	Upper
117	100		
119	96.8	77.8	116.6
201	97.7	68.7	103.1





#19

n-Nitroso-di-n-propylamine

Concen: 41.045 ng

RT: 7.081 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF130407.D

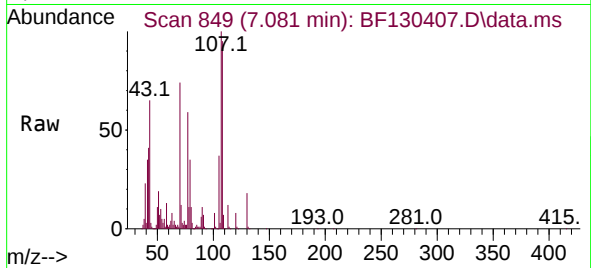
Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD



Tgt Ion: 70 Resp: 227156

Ion Ratio Lower Upper

70 100

42 55.1 50.8 76.2

101 10.8 8.2 12.4

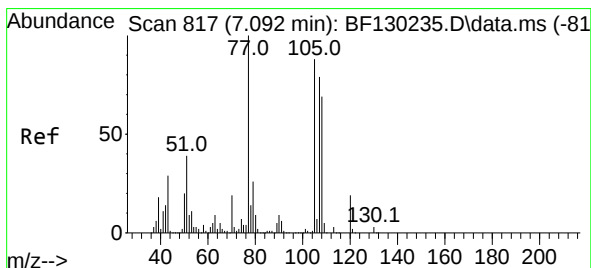
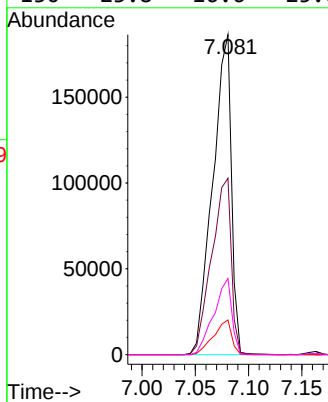
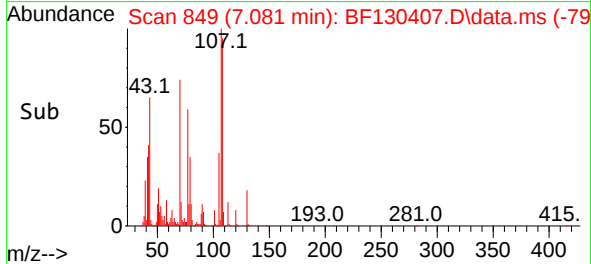
130 23.8 16.6 25.0

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Reviewed By :Christian Giraldo 09/27/2022

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#20

3+4-Methylphenols

Concen: 44.625 ng

RT: 7.075 min Scan# 848

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Tgt Ion:107 Resp: 351876

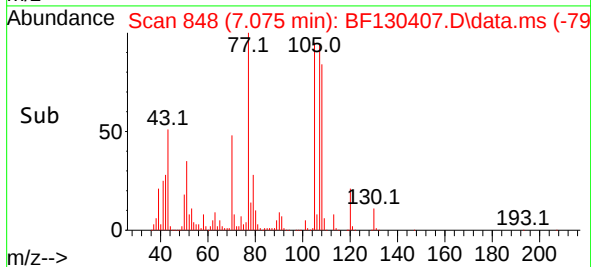
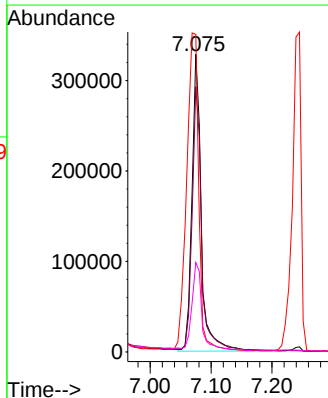
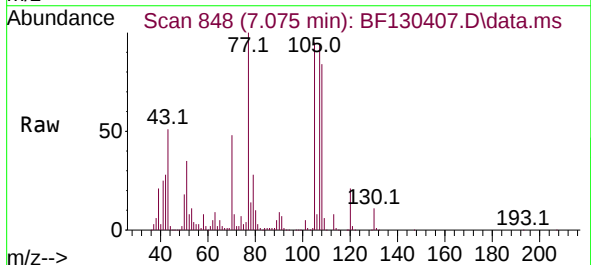
Ion Ratio Lower Upper

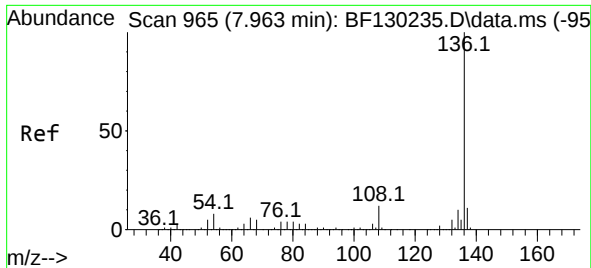
107 100

108 89.1 74.8 114.8

77 106.7 125.8 165.8#

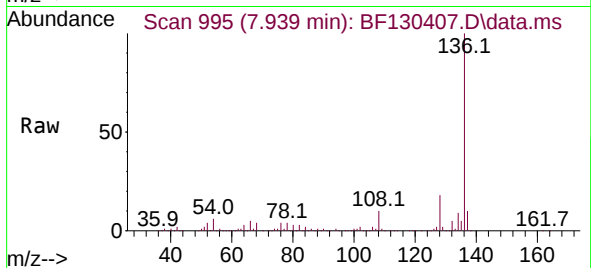
79 30.0 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

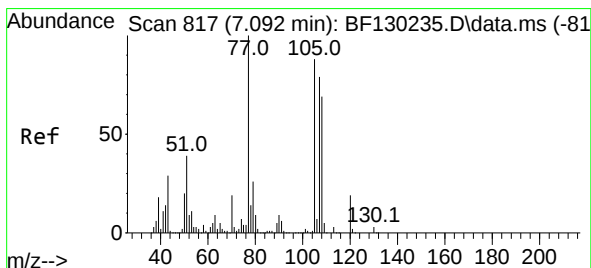
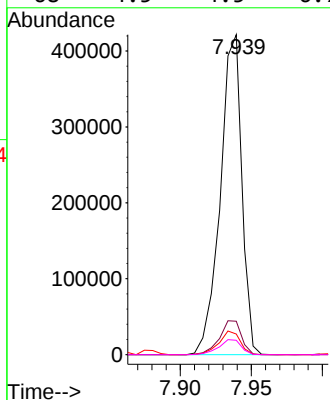
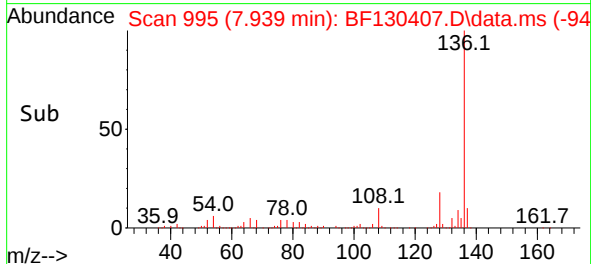
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



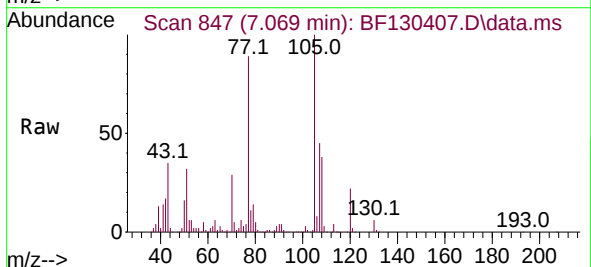
Tgt Ion:	136	Resp:	444873
Ion Ratio	Lower	Upper	
136	100		
137	10.4	9.1	13.7
54	6.4	7.1	10.7
68	4.5	4.5	6.7

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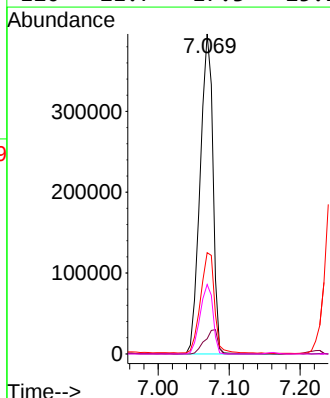
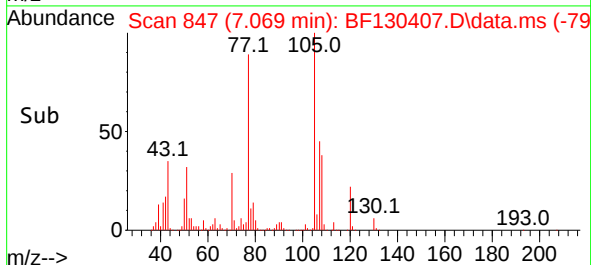
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

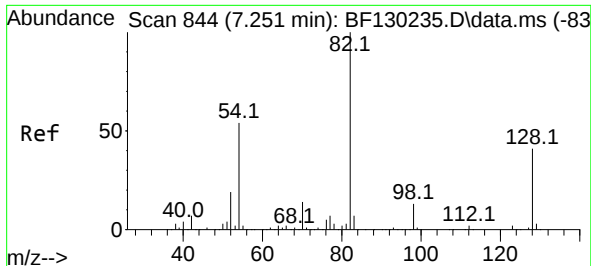


#22
Acetophenone
Concen: 45.140 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



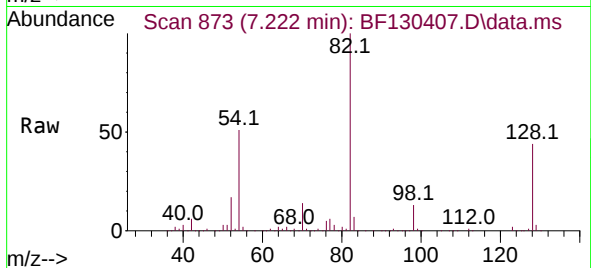
Tgt Ion:	105	Resp:	490970
Ion Ratio	Lower	Upper	
105	100		
71	4.7	3.9	5.9
51	31.6	32.2	48.2
120	21.7	17.3	25.9





#23
Nitrobenzene-d5
Concen: 78.902 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

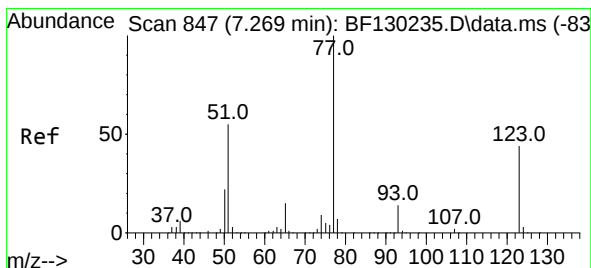
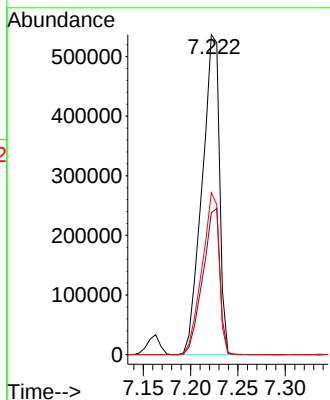
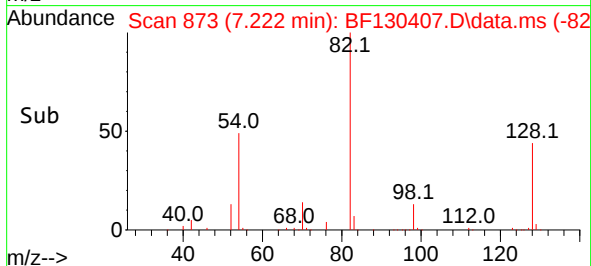
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



Tgt Ion: 82 Resp: 687072
Ion Ratio Lower Upper
82 100
128 44.3 32.6 49.0
54 50.6 43.8 65.6

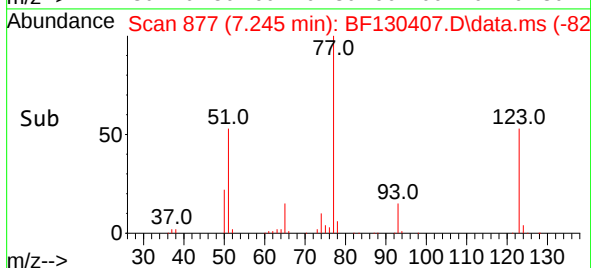
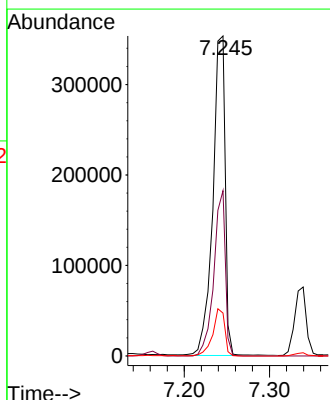
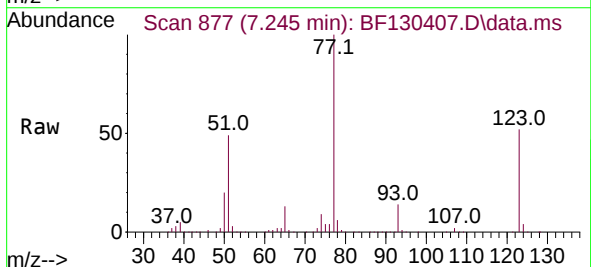
Manual Integrations
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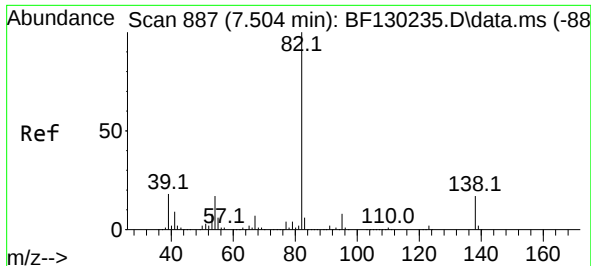
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#24
Nitrobenzene
Concen: 40.294 ng
RT: 7.245 min Scan# 877
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

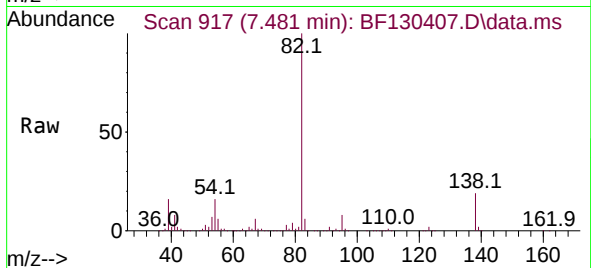
Tgt Ion: 77 Resp: 356275
Ion Ratio Lower Upper
77 100
123 51.6 34.3 51.5#
65 13.4 12.0 18.0





#25
Isophorone
Concen: 45.204 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

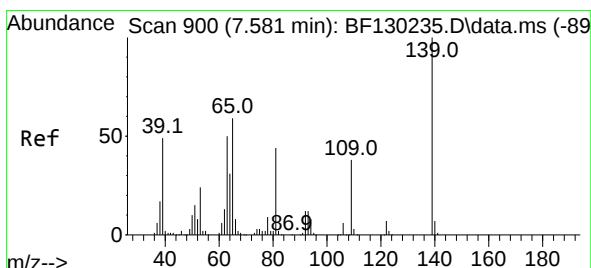
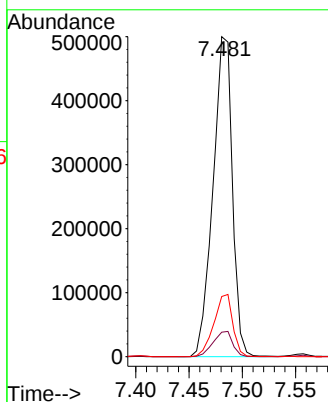
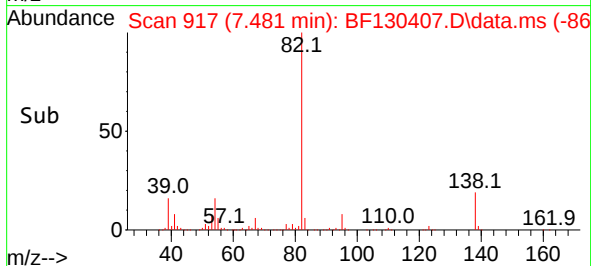
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



Tgt Ion: 82 Resp: 634443
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.8 13.8 20.6

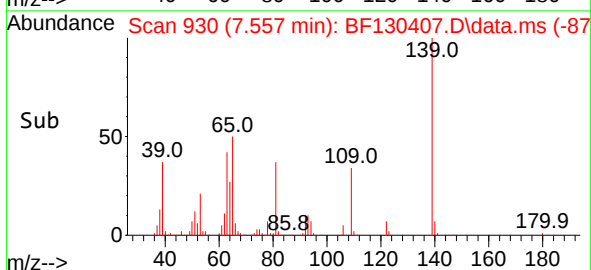
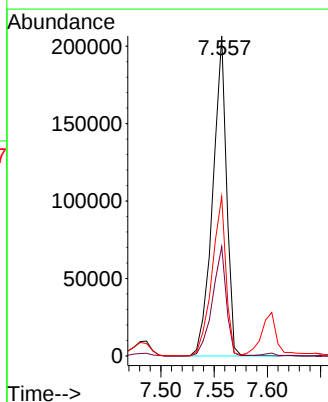
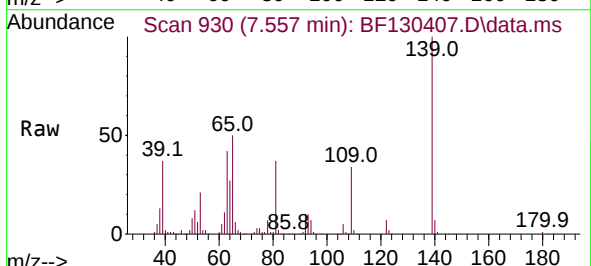
Manual Integrations
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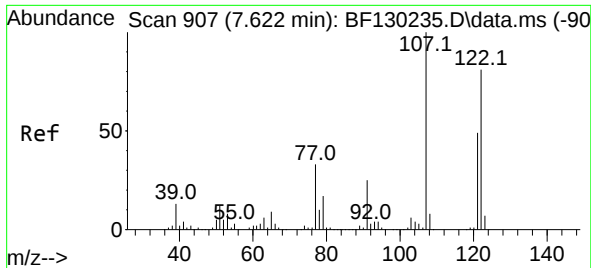
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#26
2-Nitrophenol
Concen: 51.563 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Tgt Ion:139 Resp: 186896
Ion Ratio Lower Upper
139 100
109 34.2 30.2 45.4
65 49.8 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 49.377 ng

RT: 7.604 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

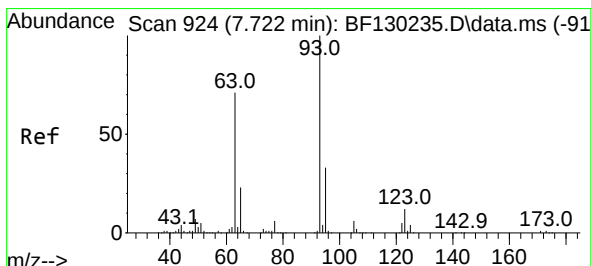
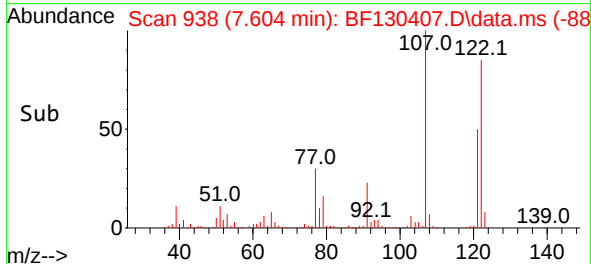
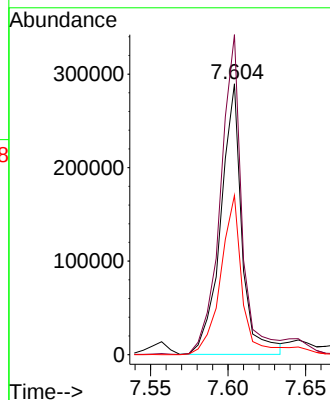
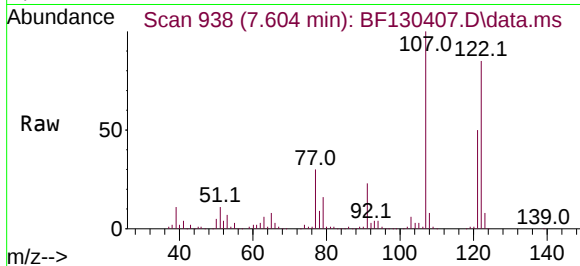
PB147850BSD

Tgt Ion:122 Resp: 275576
 Ion Ratio Lower Upper
 122 100
 107 118.1 100.2 150.2
 121 58.7 47.8 71.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.919 ng

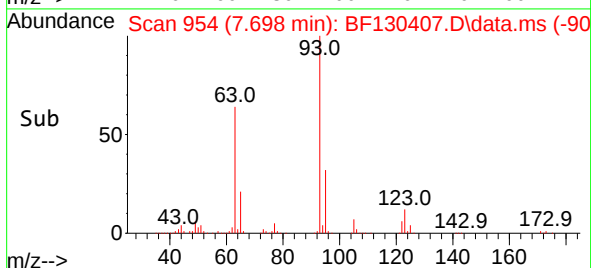
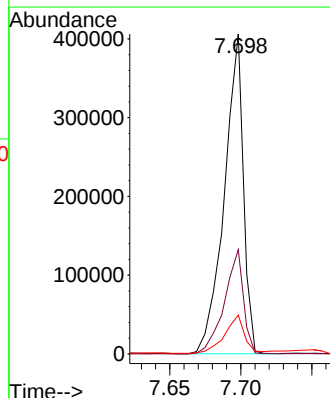
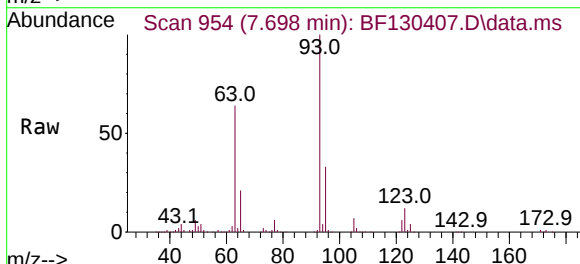
RT: 7.698 min Scan# 954

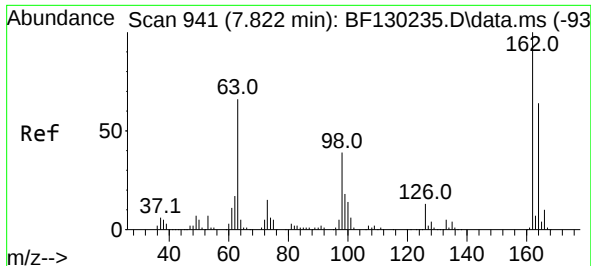
Delta R.T. 0.006 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Tgt Ion: 93 Resp: 378698
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 12.1 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 47.082 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

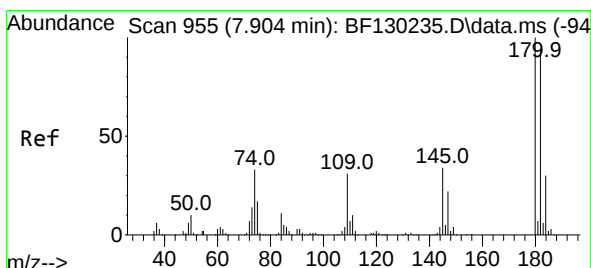
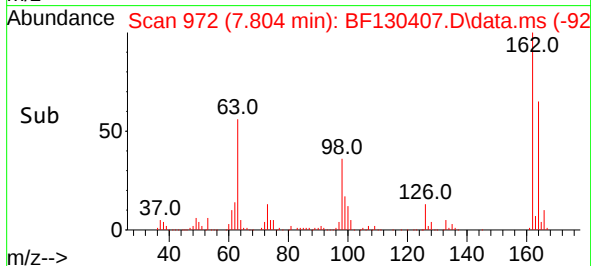
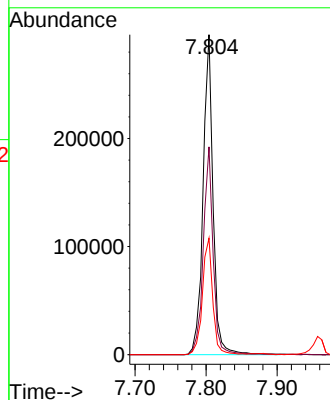
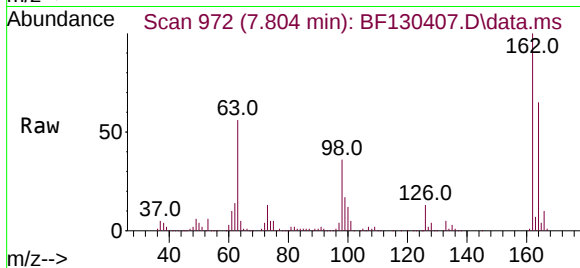
Tgt Ion:162	Resp: 287943
Ion Ratio	Lower Upper
162 100	
164 64.9	42.2 82.2
98 36.4	21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.804 ng

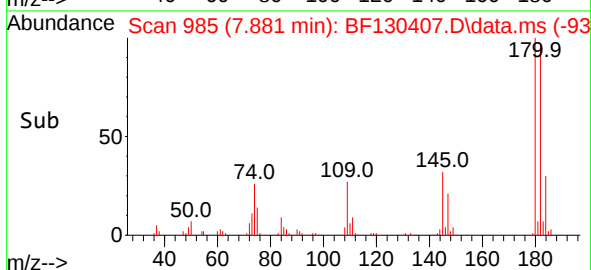
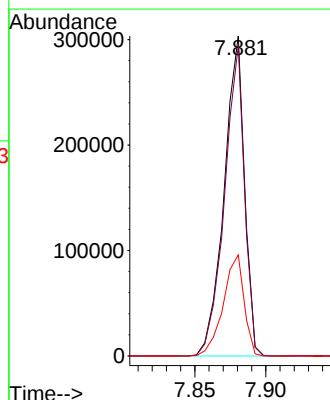
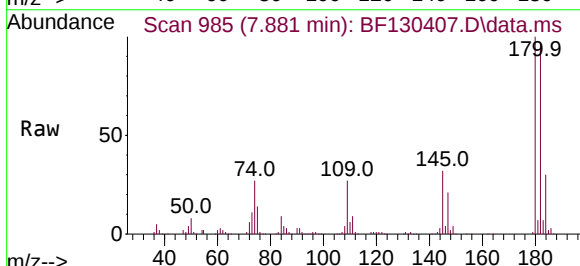
RT: 7.881 min Scan# 985

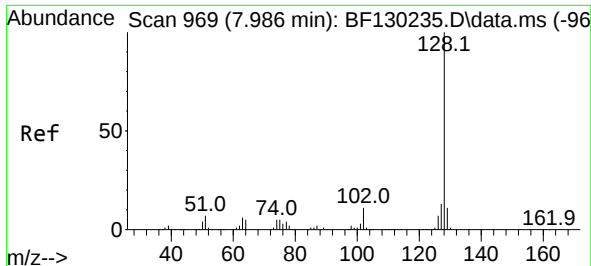
Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

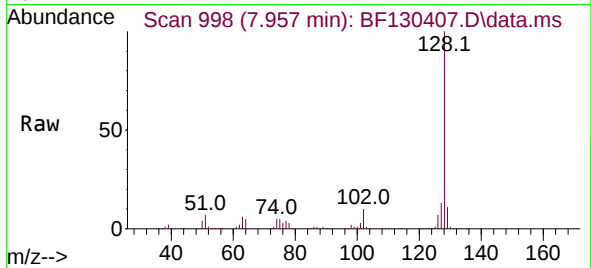
Tgt Ion:180	Resp: 302864
Ion Ratio	Lower Upper
180 100	
182 97.0	73.3 109.9
145 31.6	28.3 42.5





#31
Naphthalene
Concen: 43.758 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

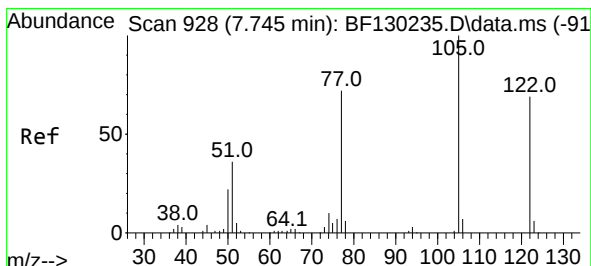
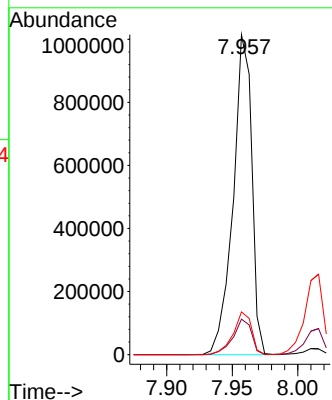
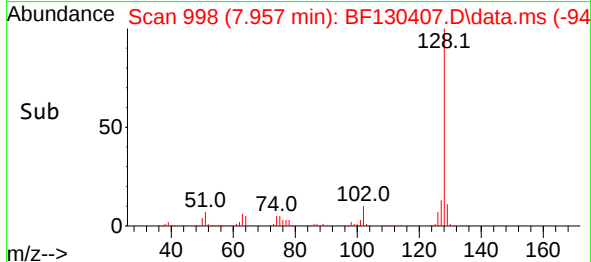
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



Tgt Ion:128 Resp: 1002908
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.4 10.6 16.0

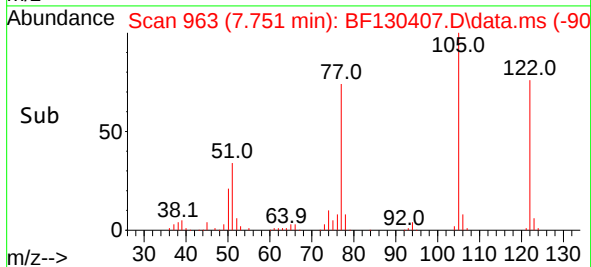
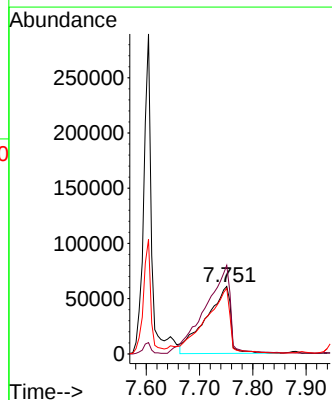
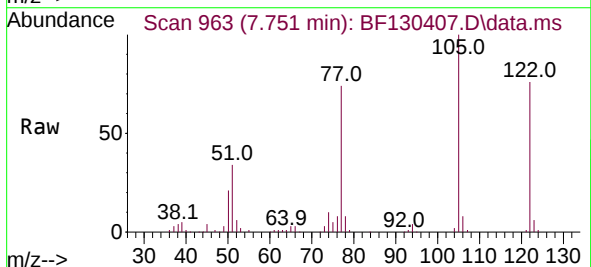
Manual Integrations
APPROVED

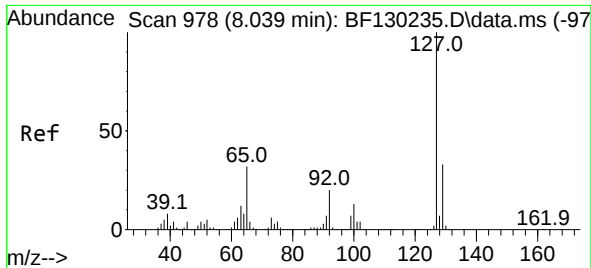
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#32
Benzoic acid
Concen: 45.669 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.023 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Tgt Ion:122 Resp: 197102
Ion Ratio Lower Upper
122 100
105 131.2 112.9 152.9
77 97.3 82.8 122.8





#33
4-Chloroaniline
Concen: 30.887 ng
RT: 8.016 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

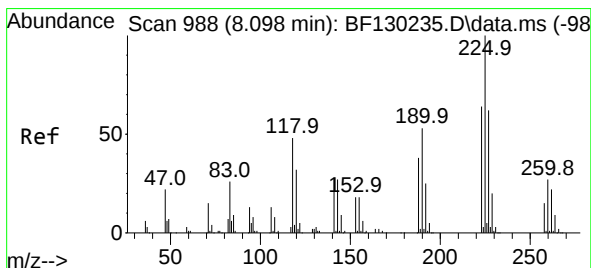
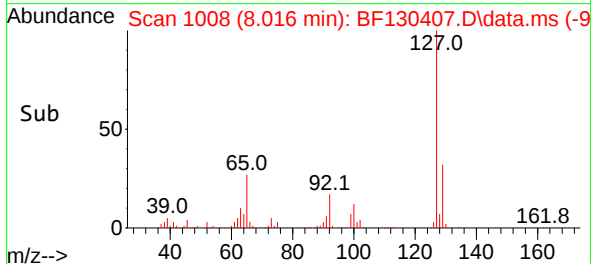
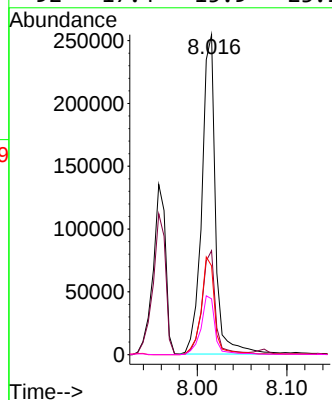
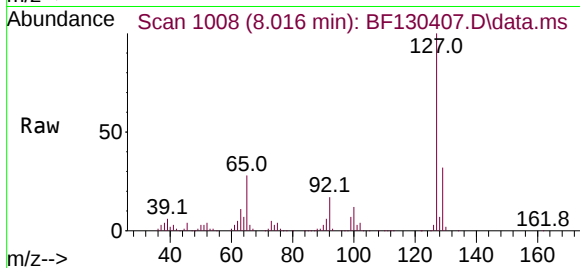
PB147850BSD

Tgt Ion:127 Resp: 269242
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 27.7 27.0 40.6
92 17.4 15.9 23.9

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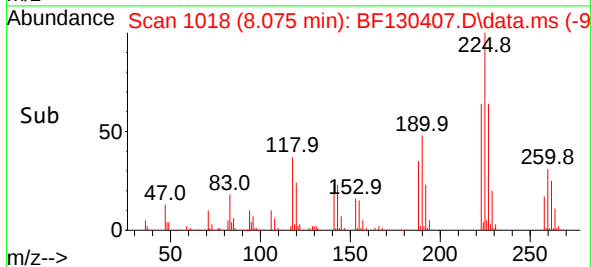
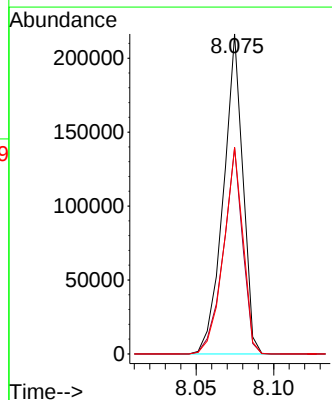
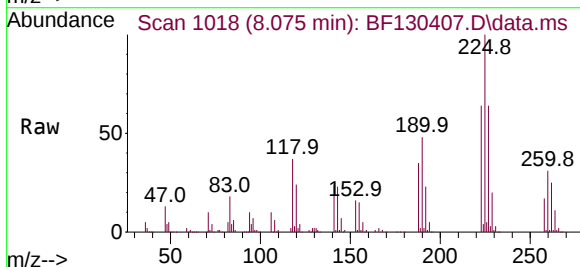
APPROVED

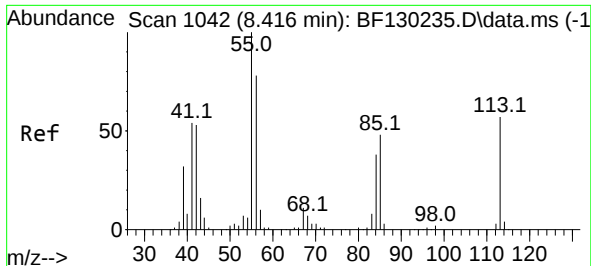
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#34
Hexachlorobutadiene
Concen: 44.927 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

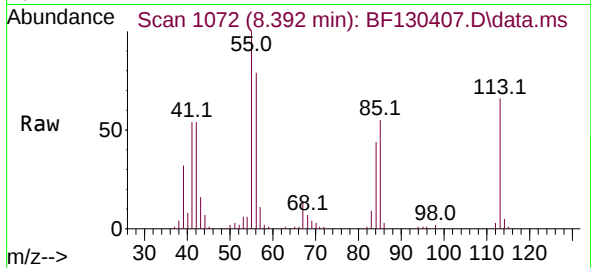
Tgt Ion:225 Resp: 189850
Ion Ratio Lower Upper
225 100
223 64.5 50.3 75.5
227 64.5 51.1 76.7





#35
Caprolactam
Concen: 52.184 ng m
RT: 8.392 min Scan# 1042
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

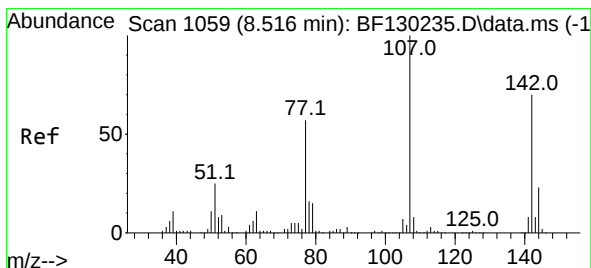
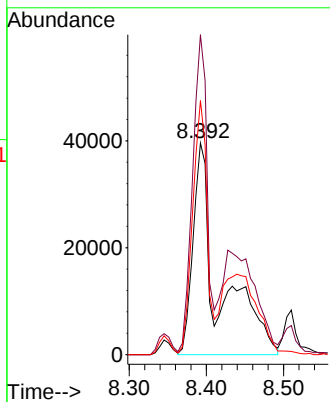
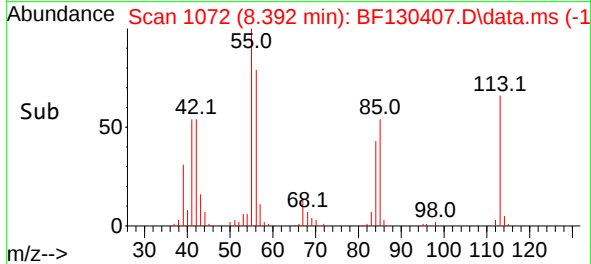
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



Tgt Ion:113 Resp: 91493
Ion Ratio Lower Upper
113 100
55 151.3 155.4 195.4
56 120.1 120.4 160.4

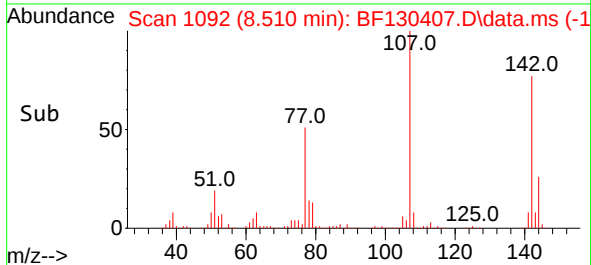
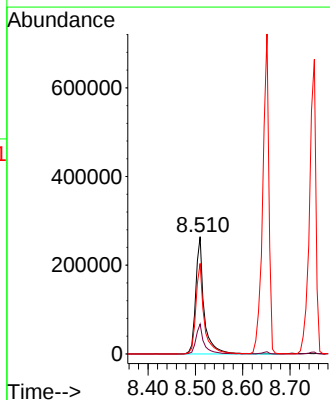
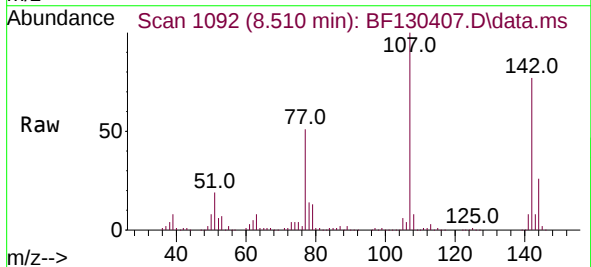
Manual Integrations
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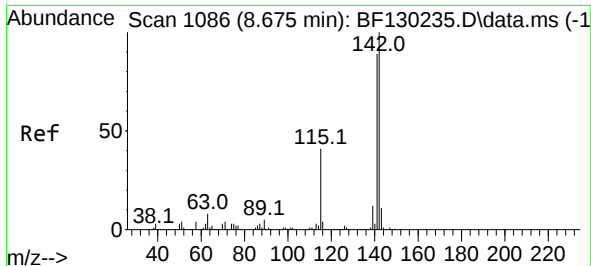
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#36
4-Chloro-3-methylphenol
Concen: 47.099 ng
RT: 8.510 min Scan# 1092
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Tgt Ion:107 Resp: 319279
Ion Ratio Lower Upper
107 100
144 25.5 20.0 30.0
142 77.3 61.3 91.9





#37

2-Methylnaphthalene

Concen: 44.423 ng

RT: 8.651 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

Tgt Ion:142 Resp: 64916

Ion Ratio Lower Upper

142 100

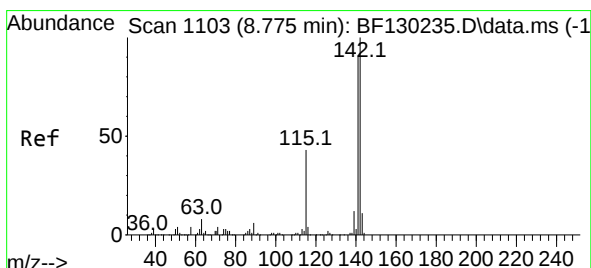
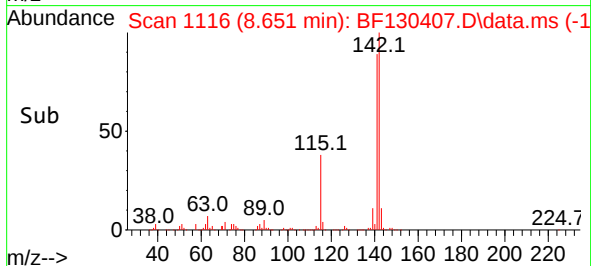
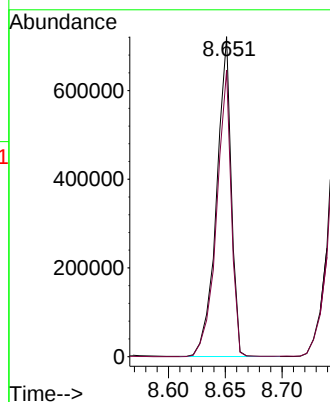
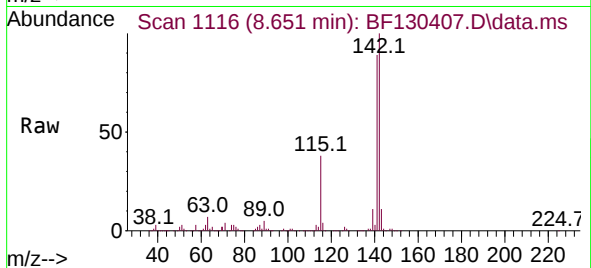
141 89.4 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#38

1-Methylnaphthalene

Concen: 44.164 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF130407.D

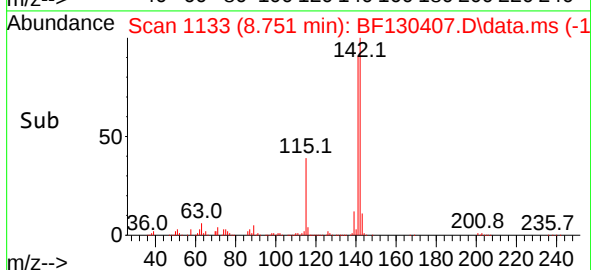
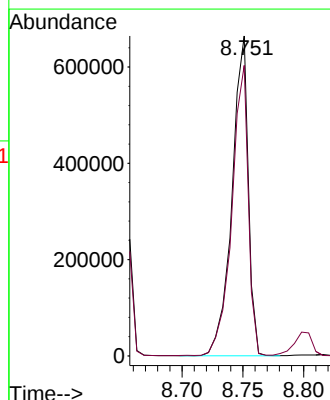
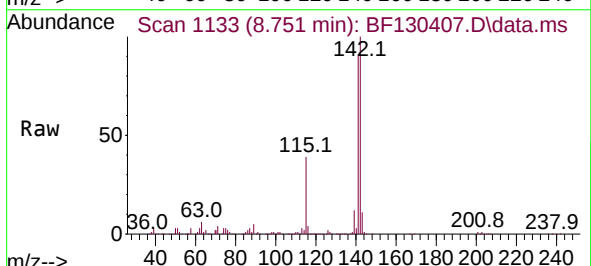
Acq: 26 Sep 2022 14:23

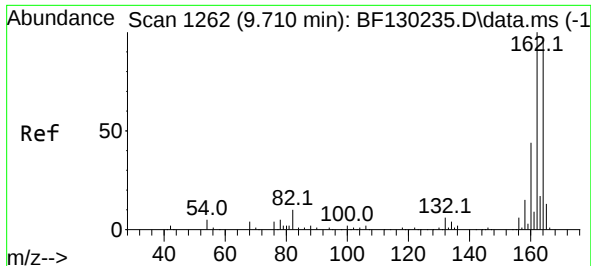
Tgt Ion:142 Resp: 619975

Ion Ratio Lower Upper

142 100

141 90.8 73.8 110.8





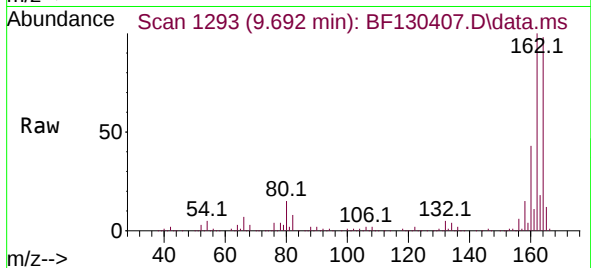
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

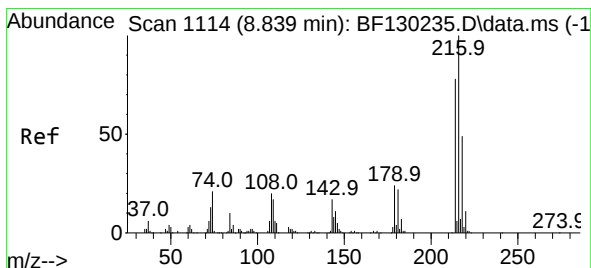
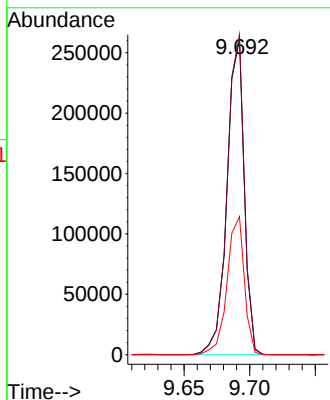
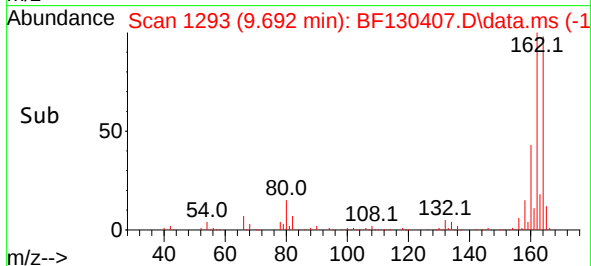


Tgt Ion:164 Resp: 238728
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 43.8 36.2 54.4

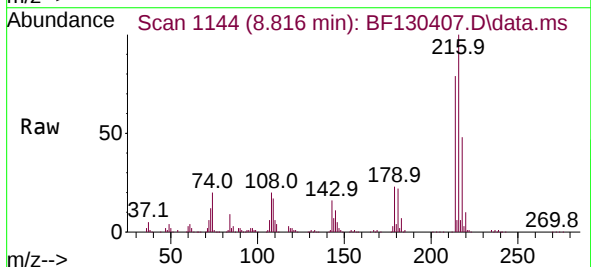
Manual Integrations

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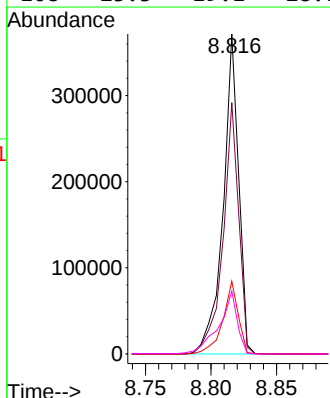
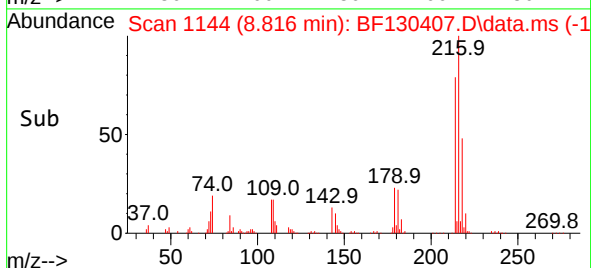
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

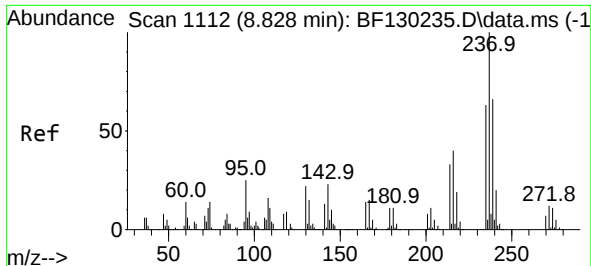


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.029 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



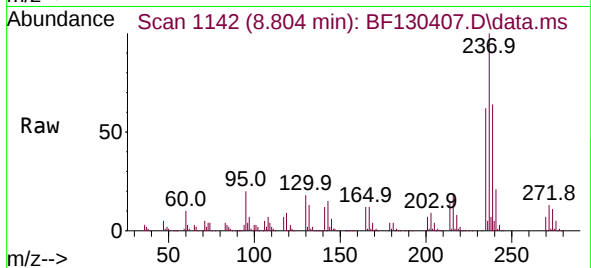
Tgt Ion:216 Resp: 306398
Ion Ratio Lower Upper
216 100
214 79.0 62.8 94.2
179 22.6 19.5 29.3
108 23.3 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 108.467 ng
RT: 8.804 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

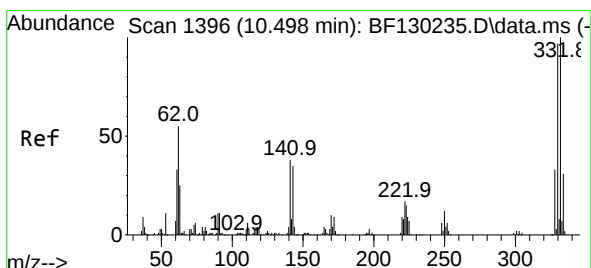
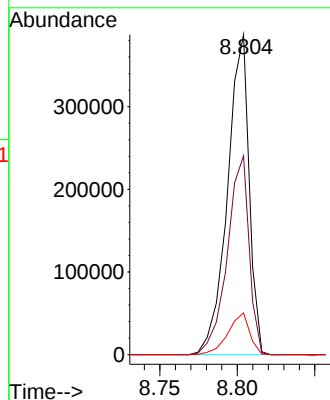
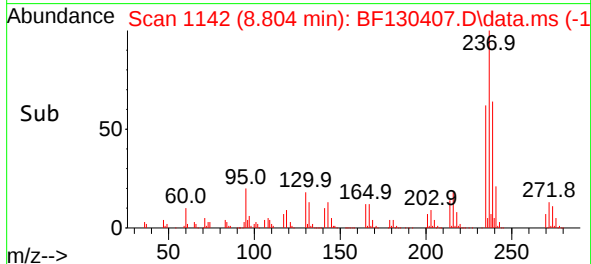
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



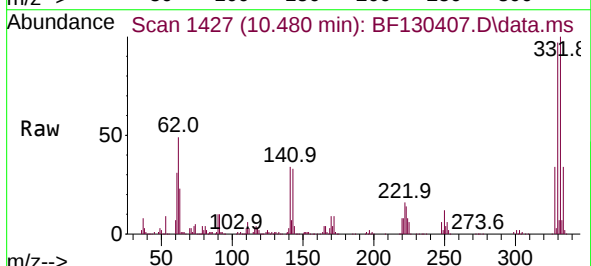
Tgt Ion: 237 Resp: 378340
Ion Ratio Lower Upper
237 100
235 62.1 42.5 82.5
272 13.0 0.0 32.8

Manual Integrations
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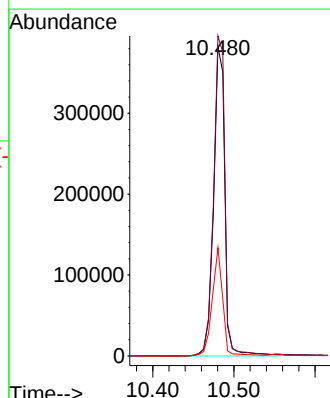
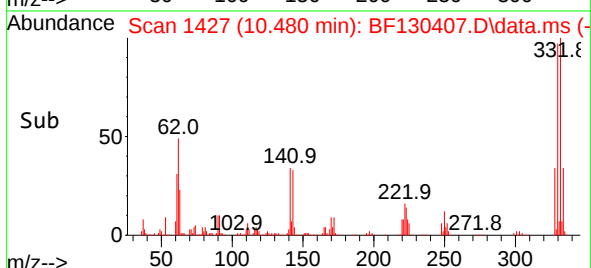
Reviewed By : Christian Giraldo 09/27/2022
Supervised By : Jagrut Upadhyay 09/27/2022

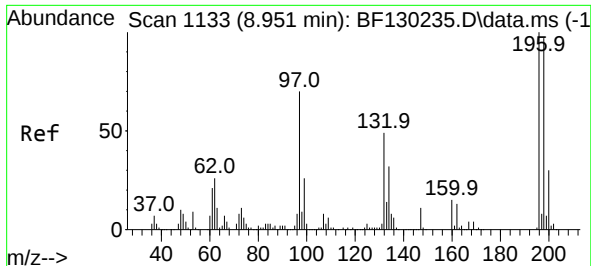


#42
2,4,6-Tribromophenol
Concen: 160.720 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



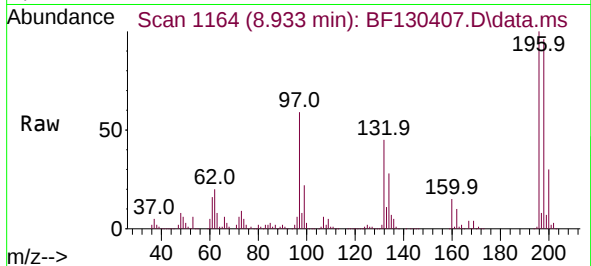
Tgt Ion: 330 Resp: 367642
Ion Ratio Lower Upper
330 100
332 106.2 83.4 125.2
141 32.7 34.0 51.0#





#43
2,4,6-Trichlorophenol
Concen: 45.571 ng
RT: 8.933 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

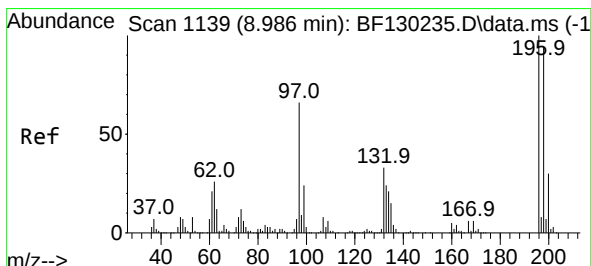
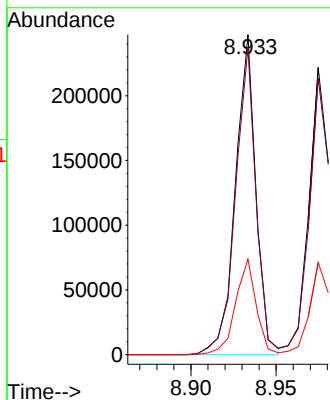
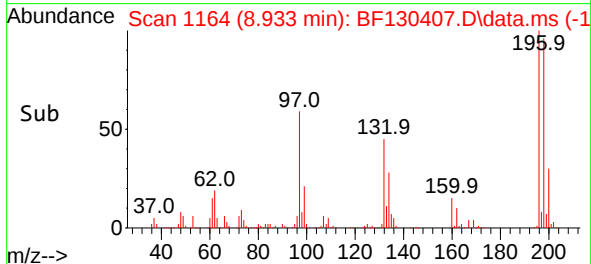
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



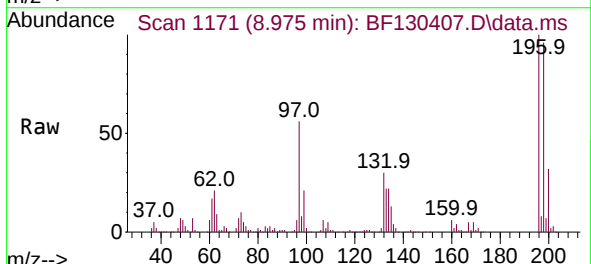
Tgt Ion:196 Resp: 207207
Ion Ratio Lower Upper
196 100
198 95.9 72.4 108.6
200 29.8 23.8 35.6

Manual Integrations
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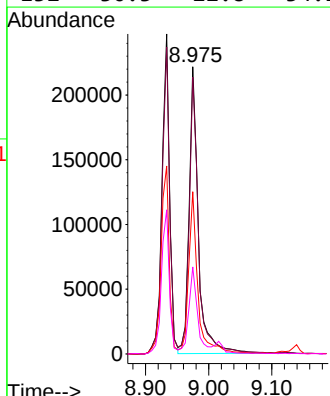
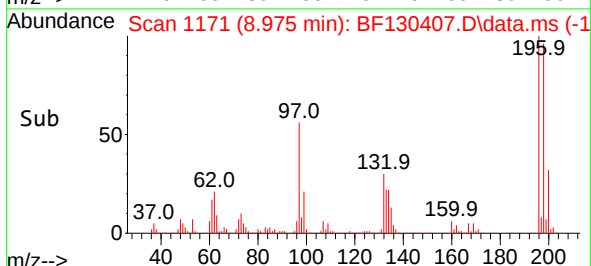
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

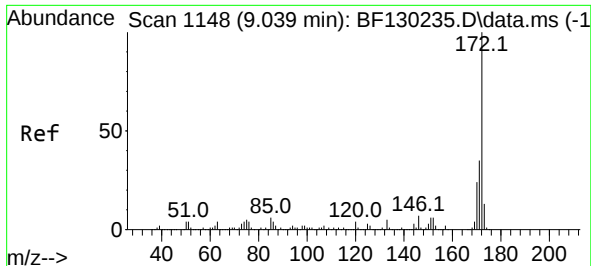


#44
2,4,5-Trichlorophenol
Concen: 46.118 ng
RT: 8.975 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



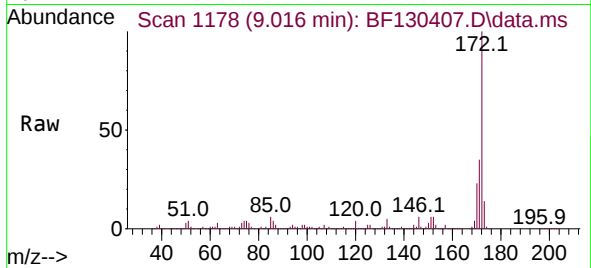
Tgt Ion:196 Resp: 226283
Ion Ratio Lower Upper
196 100
198 96.4 74.8 112.2
97 56.5 43.7 65.5
132 30.3 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 82.903 ng
RT: 9.016 min Scan# 1118
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

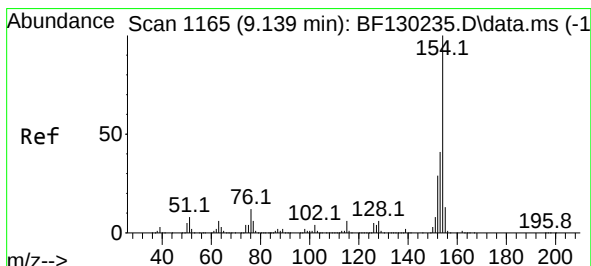
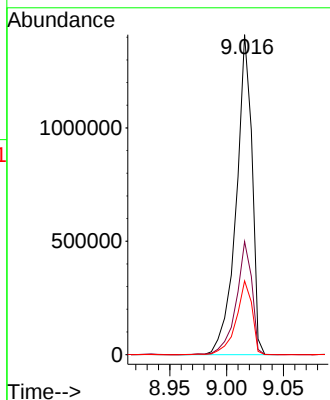
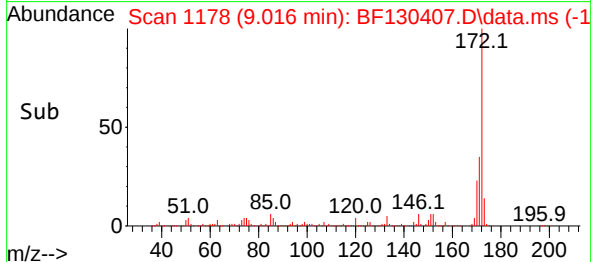
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



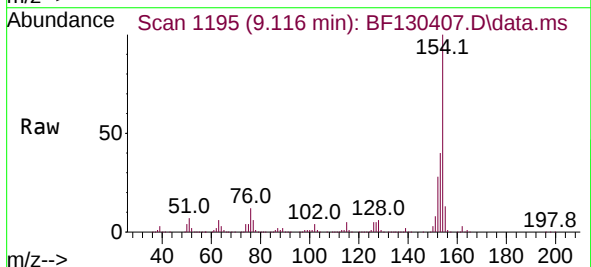
Tgt Ion:172 Resp: 1359116
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.0 18.7 28.1

Manual Integrations
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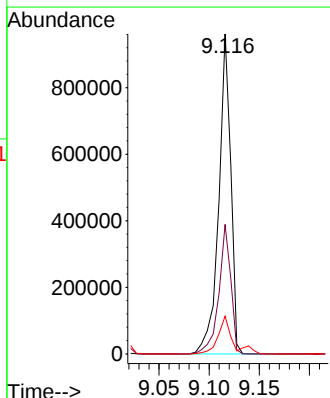
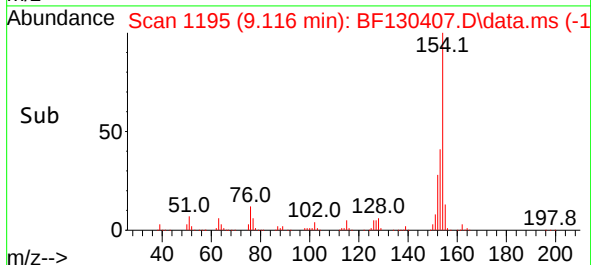
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

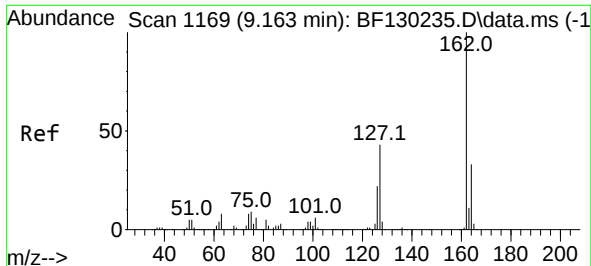


#46
1,1'-Biphenyl
Concen: 45.036 ng
RT: 9.116 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



Tgt Ion:154 Resp: 802956
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 11.8 0.0 33.3





#47

2-Chloronaphthalene

Concen: 43.875 ng

RT: 9.139 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

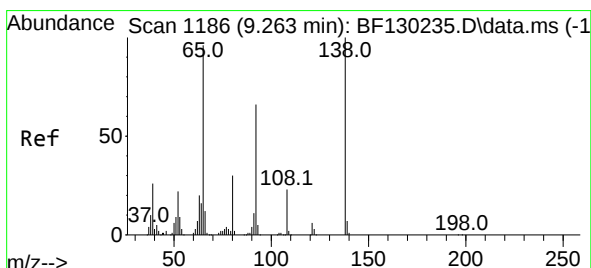
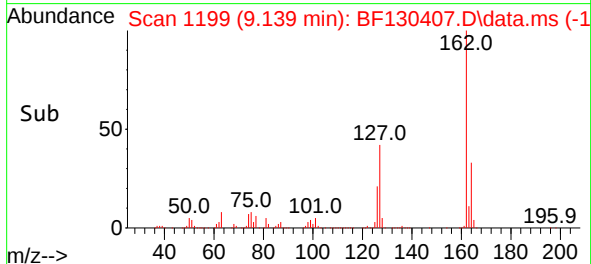
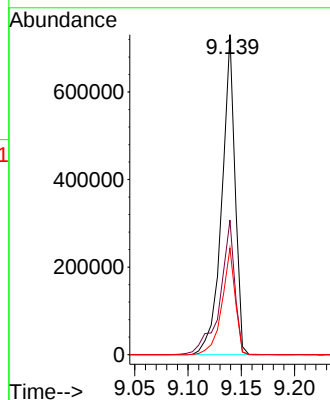
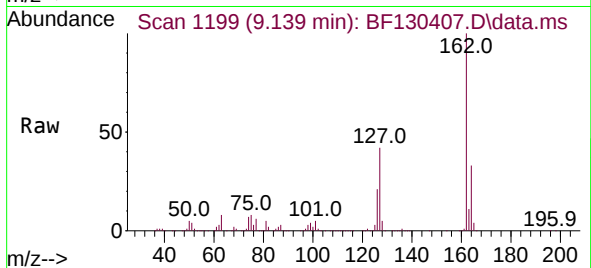
Tgt Ion:162 Resp: 632802
 Ion Ratio Lower Upper
 162 100
 127 42.0 35.9 53.9
 164 33.3 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#48

2-Nitroaniline

Concen: 41.097 ng

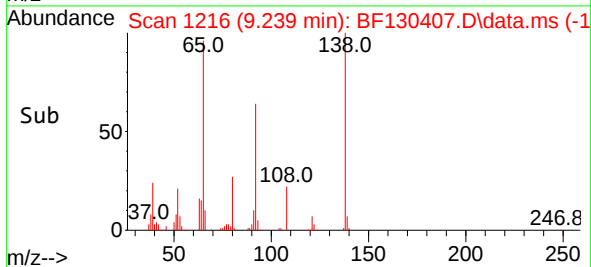
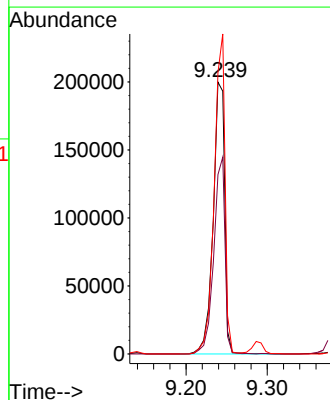
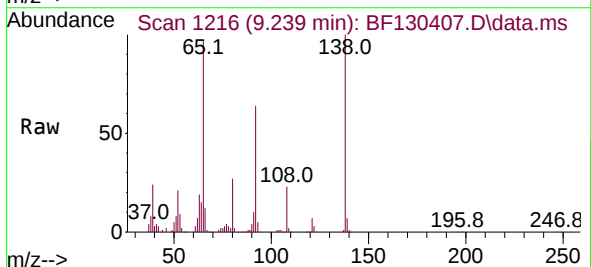
RT: 9.239 min Scan# 1216

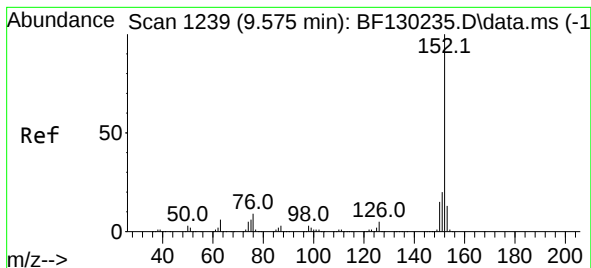
Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Tgt Ion: 65 Resp: 197696
 Ion Ratio Lower Upper
 65 100
 92 66.0 52.2 78.4
 138 103.5 77.0 115.4





#49

Acenaphthylene

Concen: 44.306 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

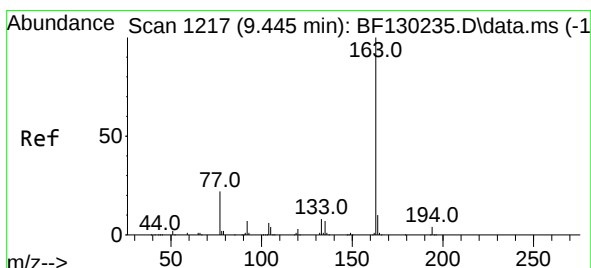
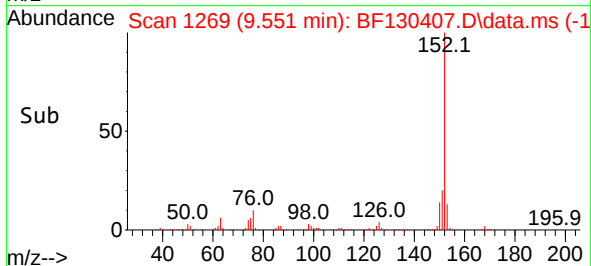
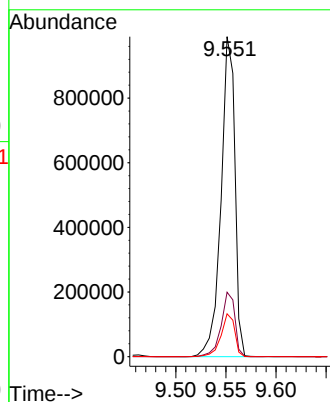
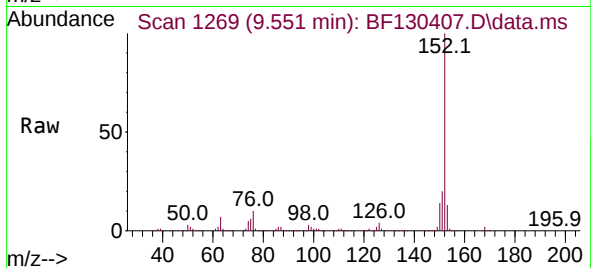
PB147850BSD

Tgt Ion:	152	Resp:	95811
Ion Ratio	Lower	Upper	
152	100		
151	20.1	16.2	24.2
153	13.4	10.6	15.8

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#50

Dimethylphthalate

Concen: 45.339 ng

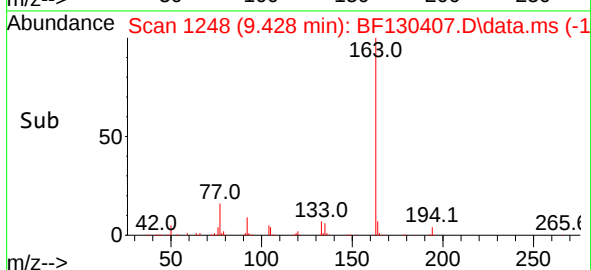
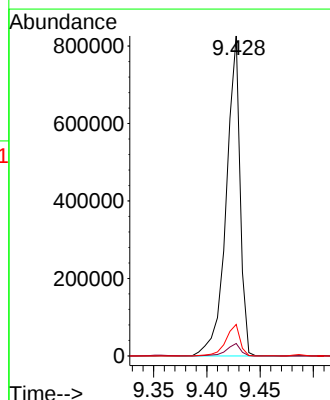
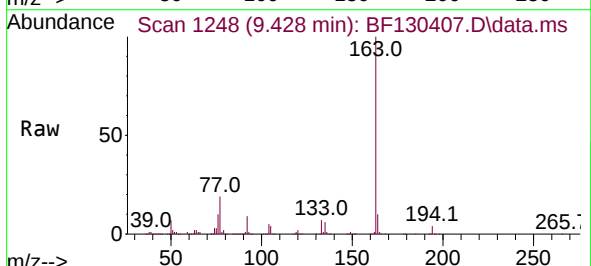
RT: 9.428 min Scan# 1248

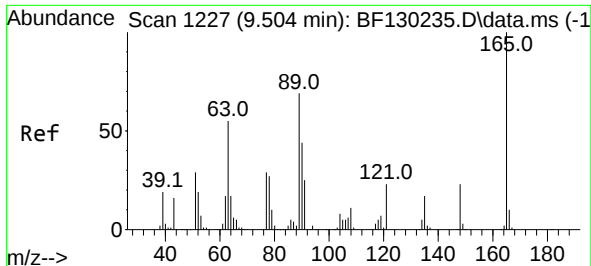
Delta R.T. 0.006 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Tgt Ion:	163	Resp:	747661
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.8	4.2
164	9.8	8.2	12.2





#51

2,6-Dinitrotoluene

Concen: 48.136 ng

RT: 9.486 min Scan# 1258

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

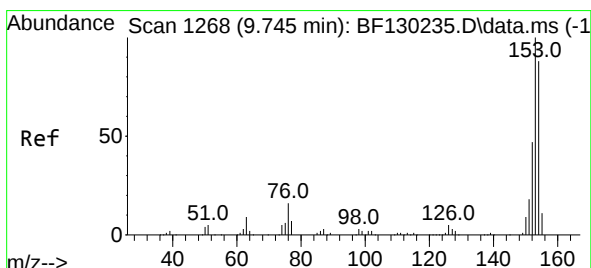
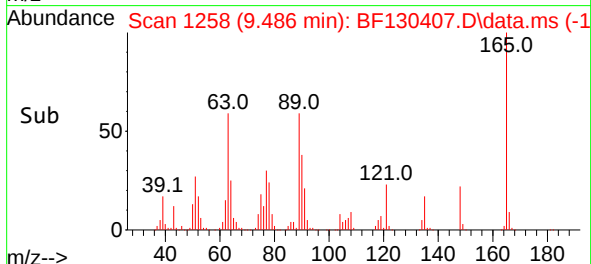
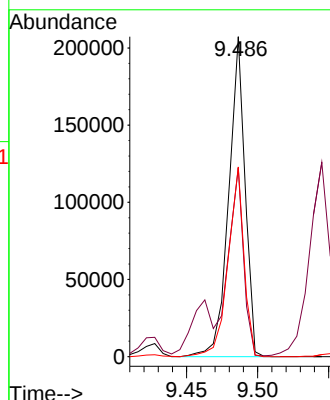
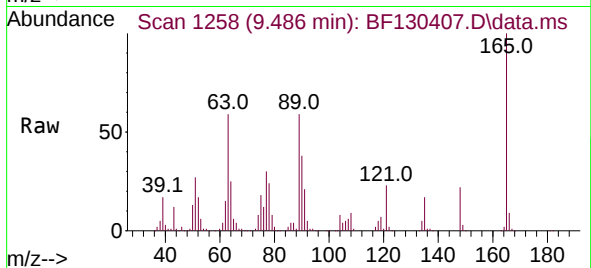
Tgt Ion:165	Resp: 166010
Ion Ratio	Lower Upper
165 100	
63 58.9	58.8 88.2
89 59.3	54.5 81.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#52

Acenaphthene

Concen: 48.889 ng m

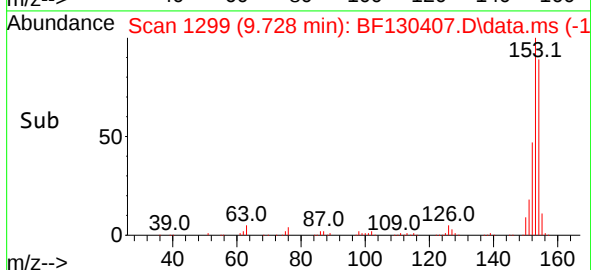
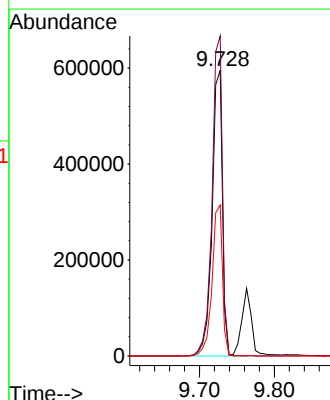
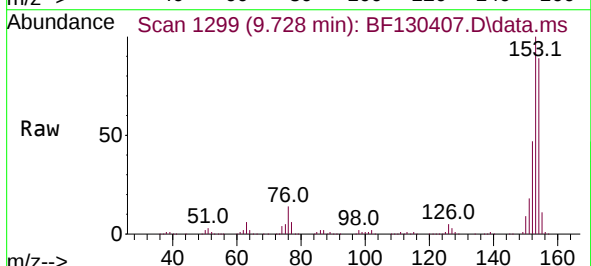
RT: 9.728 min Scan# 1299

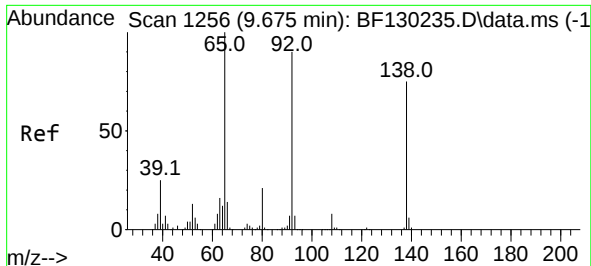
Delta R.T. 0.006 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

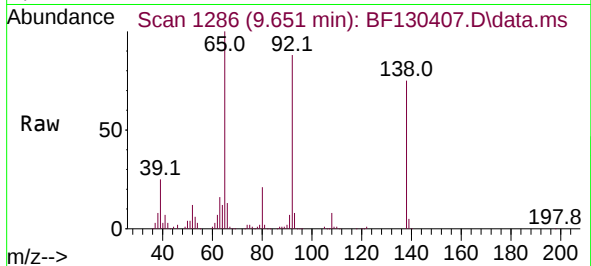
Tgt Ion:154	Resp: 694619
Ion Ratio	Lower Upper
154 100	
153 112.1	90.6 136.0
152 52.8	43.8 65.6





#53
3-Nitroaniline
Concen: 32.600 ng
RT: 9.651 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

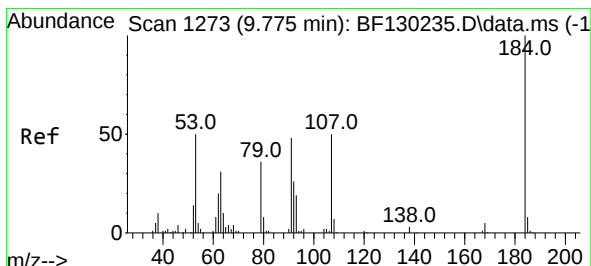
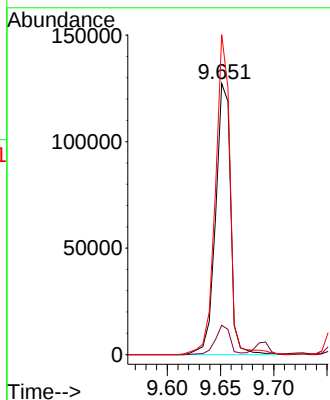
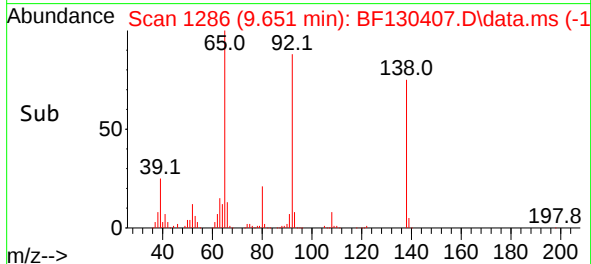
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



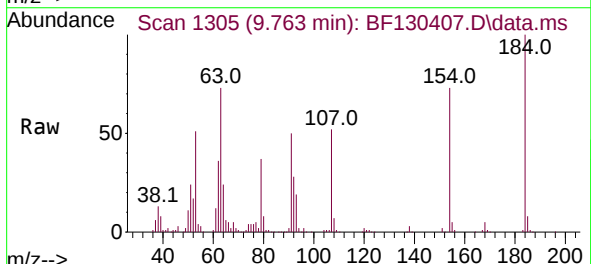
Tgt Ion:138 Resp: 125280
Ion Ratio Lower Upper
138 100
108 10.8 9.2 13.8
92 118.1 99.2 148.8

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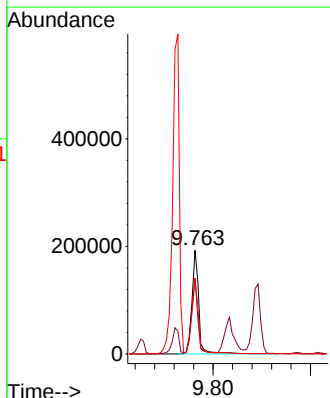
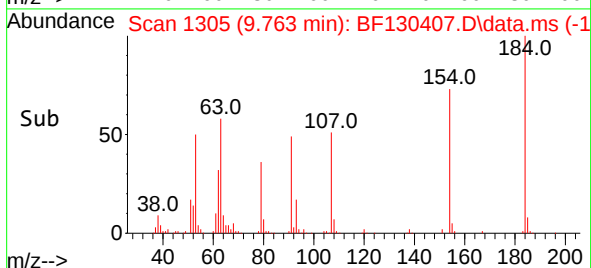
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

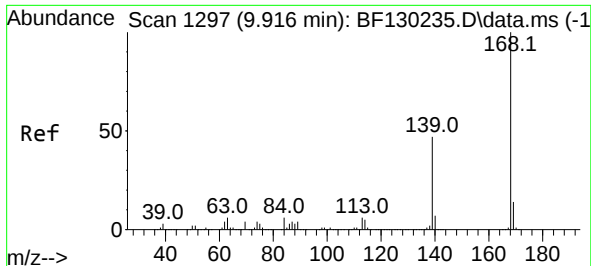


#54
2,4-Dinitrophenol
Concen: 97.944 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



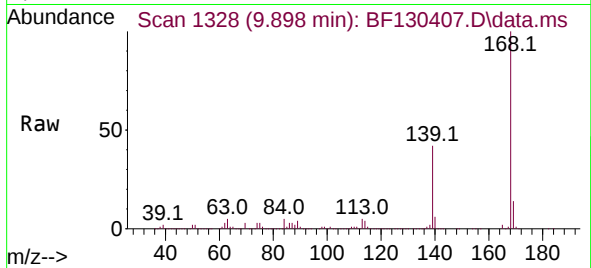
Tgt Ion:184 Resp: 186084
Ion Ratio Lower Upper
184 100
63 73.2 70.0 105.0
154 73.0 63.0 94.6





#55
Dibenzofuran
Concen: 44.038 ng
RT: 9.898 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

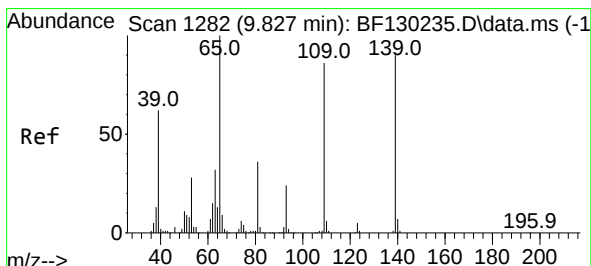
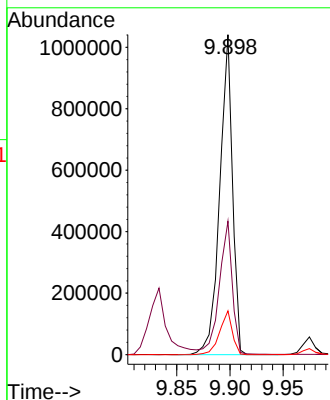
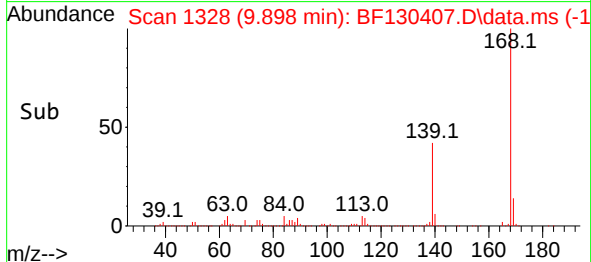
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



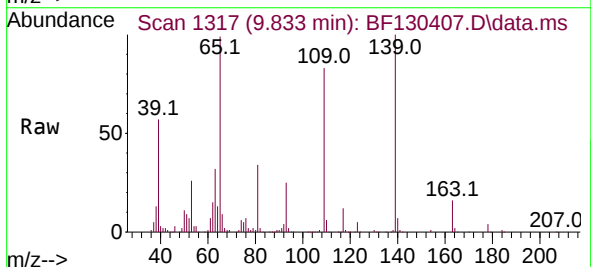
Tgt Ion:168 Resp: 870299
Ion Ratio Lower Upper
168 100
139 41.7 35.0 52.4
169 13.7 10.9 16.3

Manual Integrations
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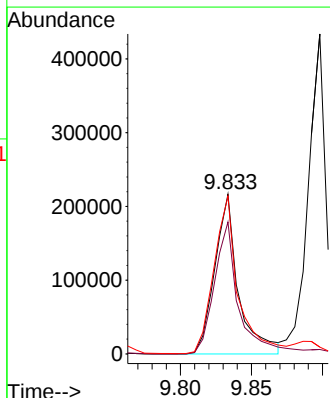
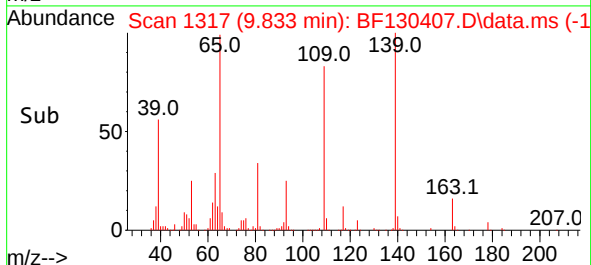
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

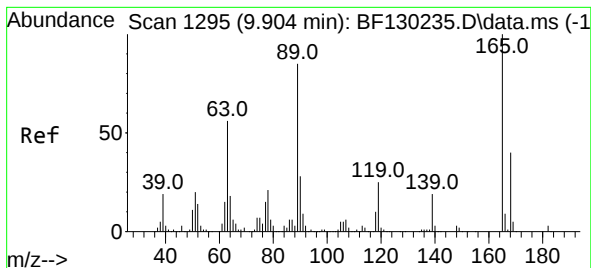


#56
4-Nitrophenol
Concen: 89.292 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



Tgt Ion:139 Resp: 249926
Ion Ratio Lower Upper
139 100
109 82.7 72.2 112.2
65 98.8 97.7 137.7





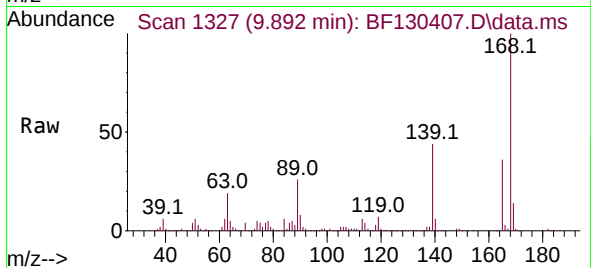
#57
2,4-Dinitrotoluene
Concen: 49.935 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

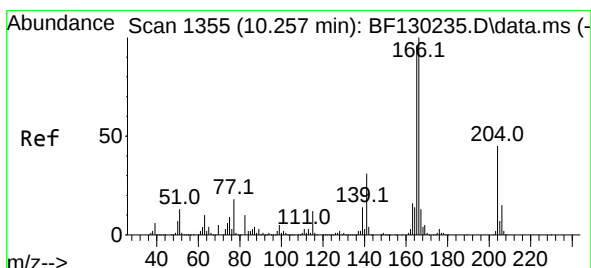
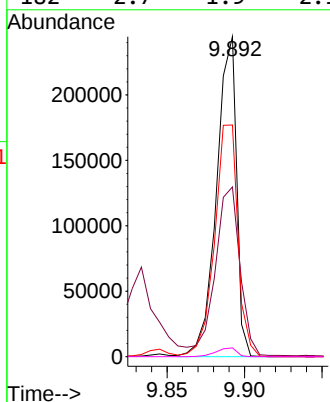
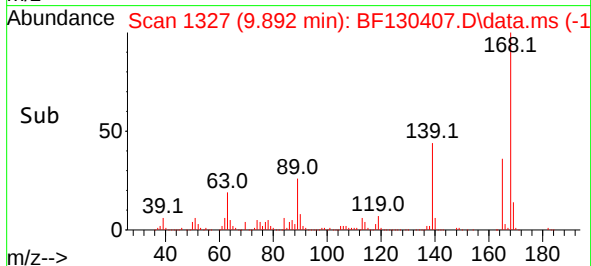


Tgt Ion:165 Resp: 220091
Ion Ratio Lower Upper
165 100
63 53.0 44.7 67.1
89 72.4 69.0 103.4
182 2.7 1.9 2.9

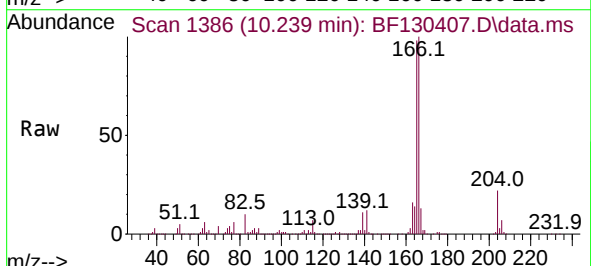
Manual Integrations

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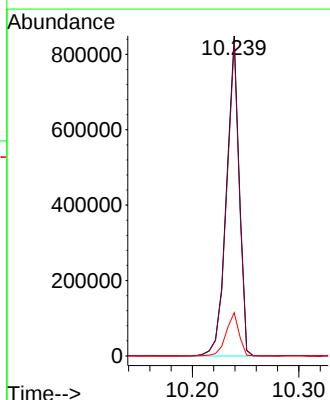
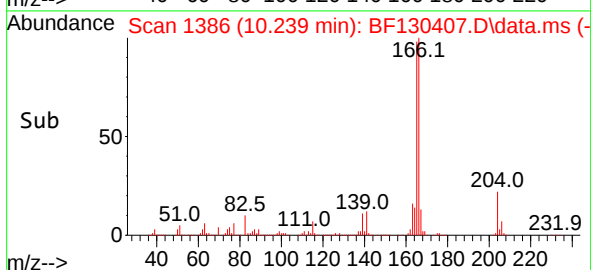
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

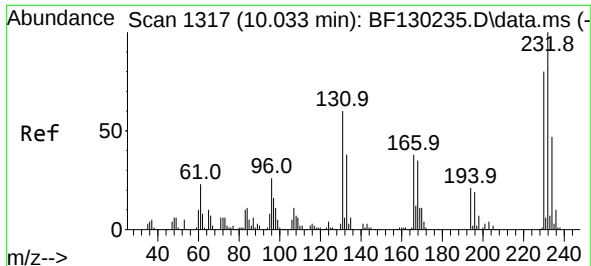


#58
Fluorene
Concen: 43.844 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



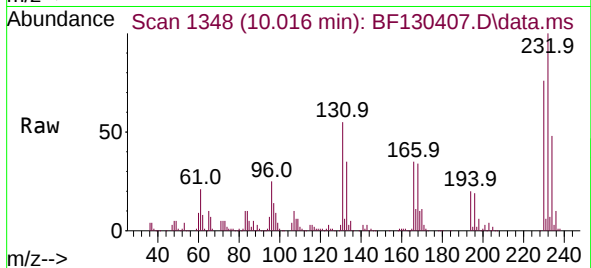
Tgt Ion:166 Resp: 708610
Ion Ratio Lower Upper
166 100
165 97.9 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.790 ng
RT: 10.016 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

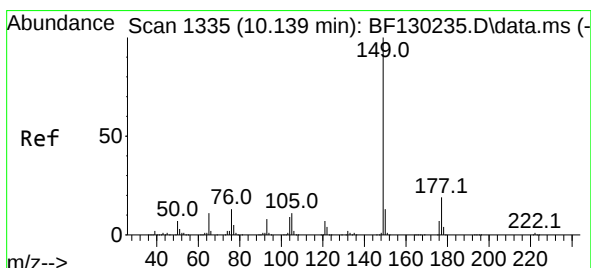
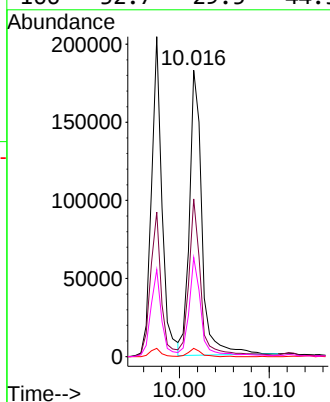
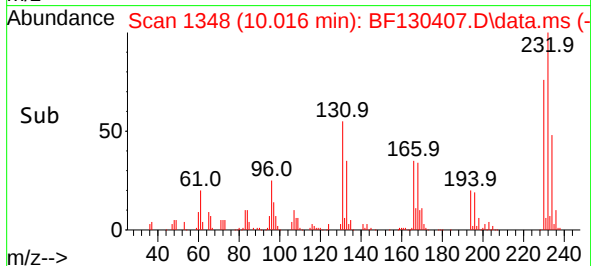
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



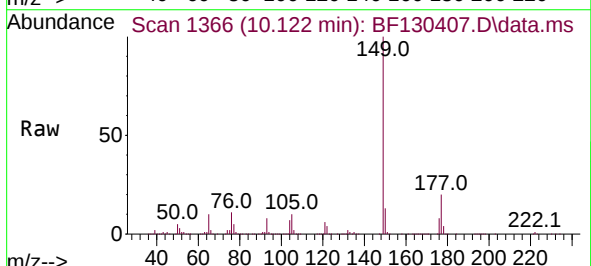
Tgt Ion:232 Resp: 175856
Ion Ratio Lower Upper
232 100
131 53.6 46.4 69.6
130 2.8 2.3 3.5
166 32.7 29.5 44.3

Manual Integrations
APPROVED

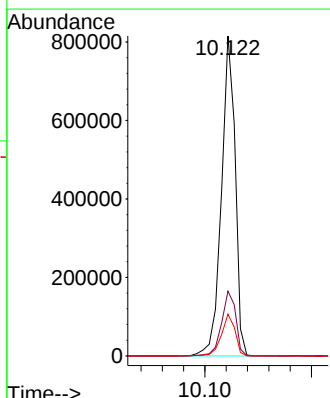
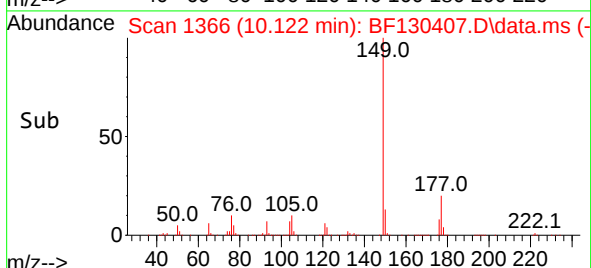
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

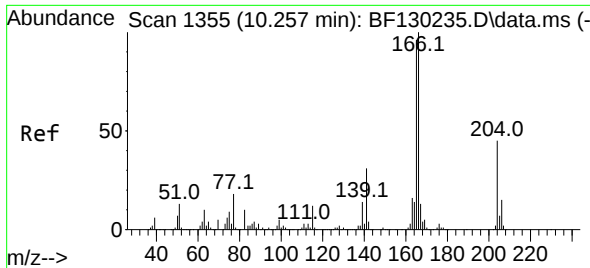


#60
Diethylphthalate
Concen: 44.295 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



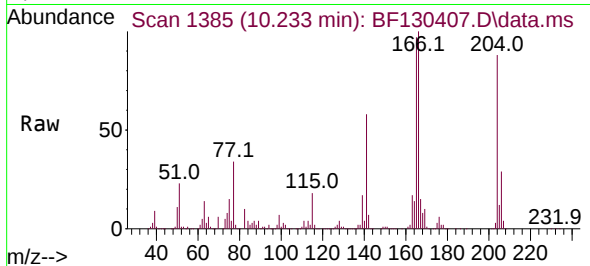
Tgt Ion:149 Resp: 732488
Ion Ratio Lower Upper
149 100
177 20.2 16.1 24.1
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 47.533 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

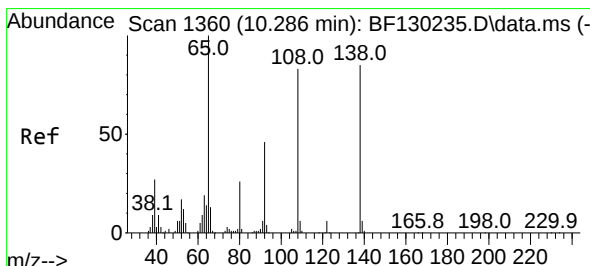
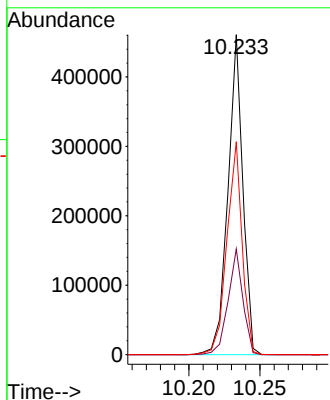
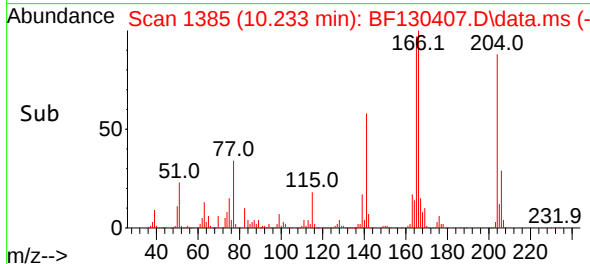
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



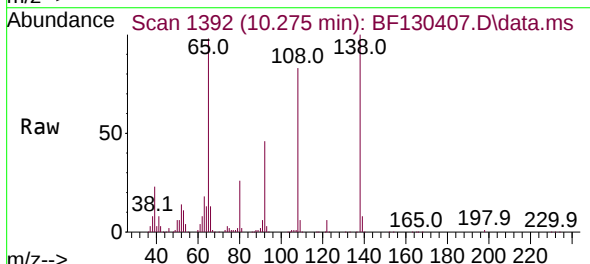
Tgt Ion:204 Resp: 337008
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 66.5 57.1 85.7

Manual Integrations
APPROVED

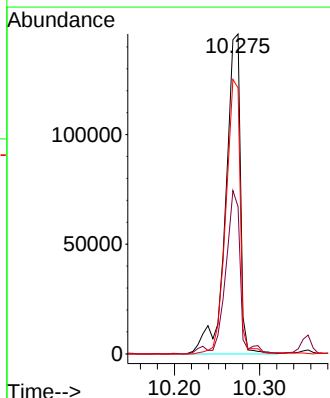
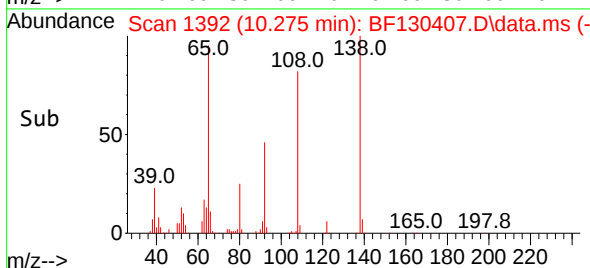
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

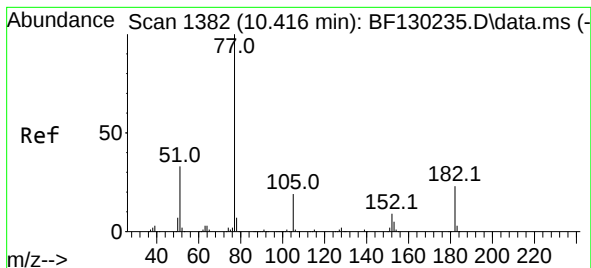


#62
4-Nitroaniline
Concen: 45.433 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



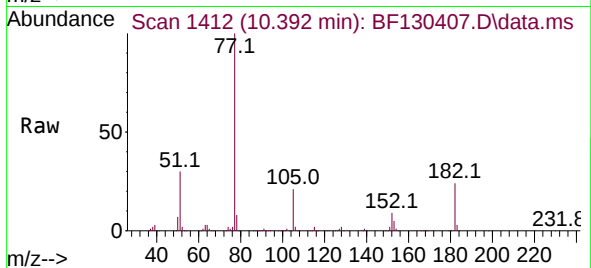
Tgt Ion:138 Resp: 175392
Ion Ratio Lower Upper
138 100
92 46.0 36.7 76.7
108 83.1 78.2 118.2





#63
Azobenzene
Concen: 38.928 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

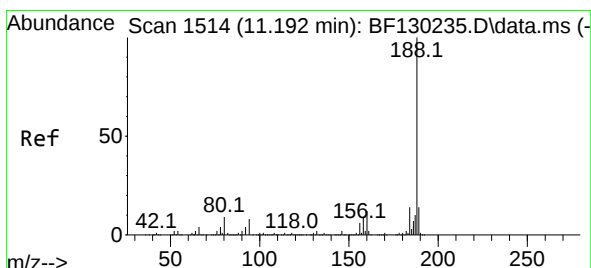
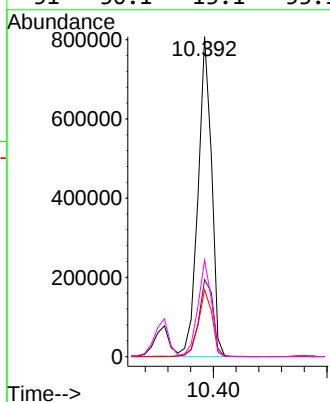
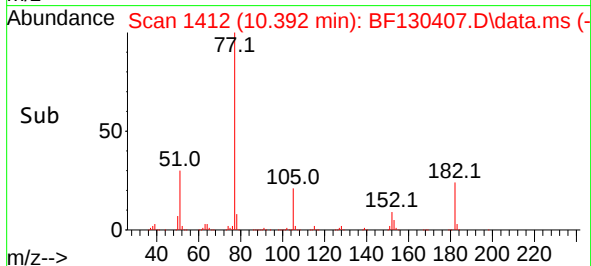
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



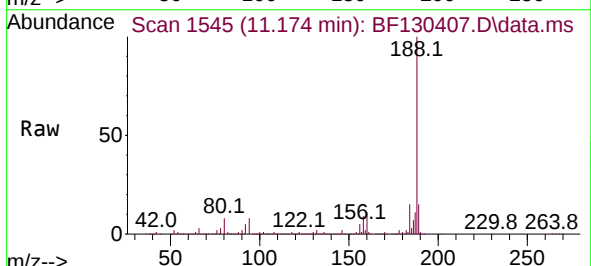
Tgt Ion: 77 Resp: 662863
Ion Ratio Lower Upper
77 100
182 24.1 2.1 42.1
105 20.9 0.0 39.4
51 30.1 13.1 53.1

Manual Integrations
APPROVED

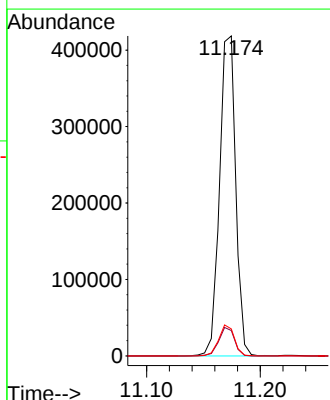
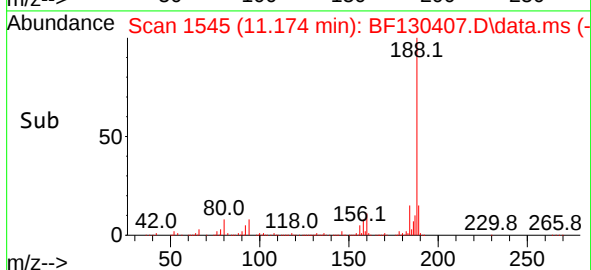
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

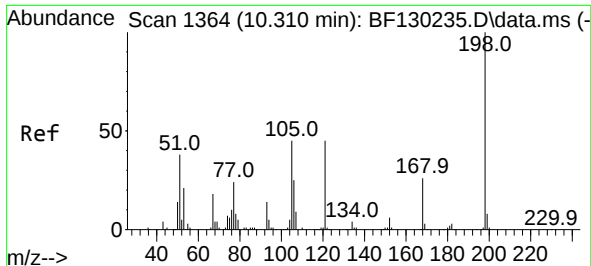


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



Tgt Ion:188 Resp: 413264
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.4 7.9 11.9





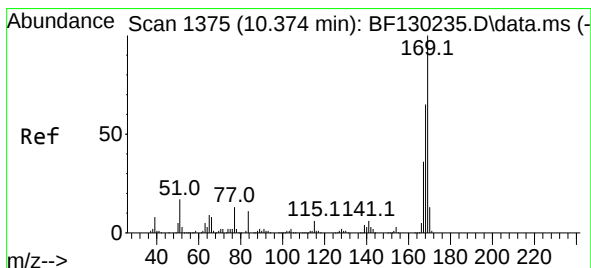
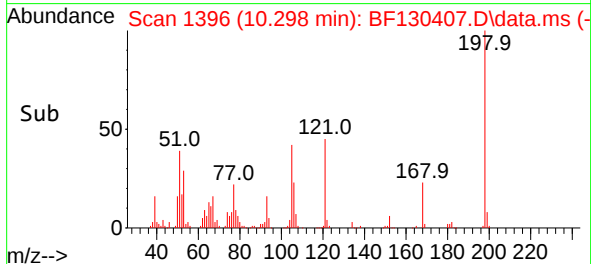
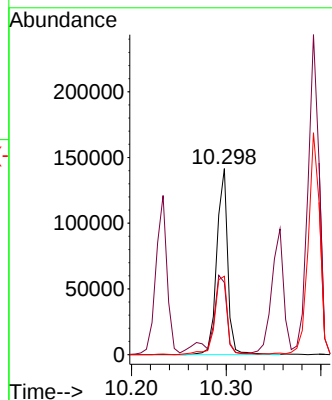
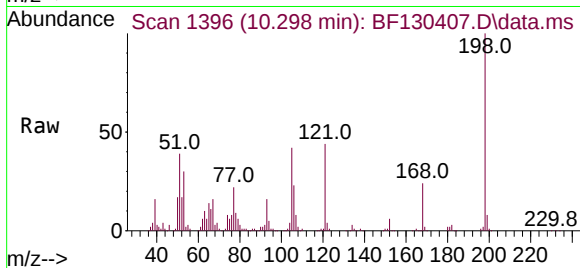
#65
4,6-Dinitro-2-methylphenol
Concen: 49.432 ng
RT: 10.298 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :
BNA_F
ClientSampleId :
PB147850BSD

Tgt Ion:198 Resp: 113718
Ion Ratio Lower Upper
198 100
51 38.8 36.9 76.9
105 42.1 33.0 73.0

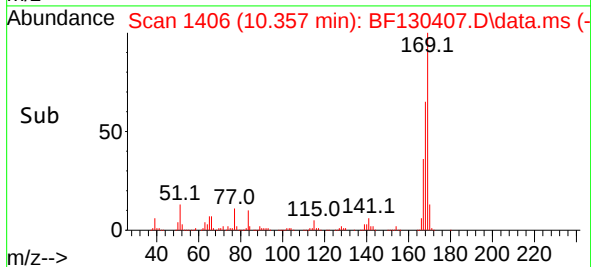
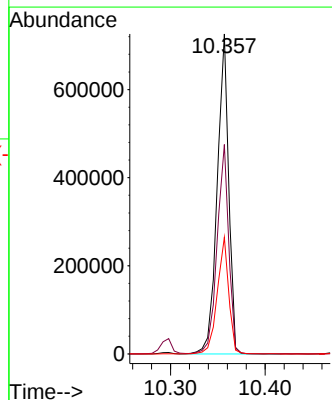
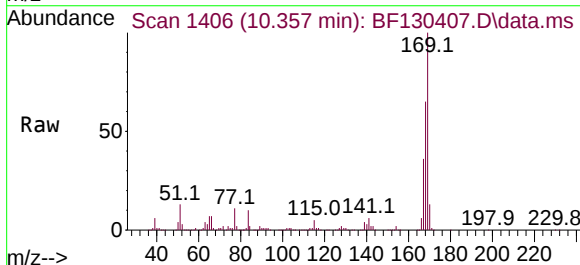
Manual Integrations
APPROVED

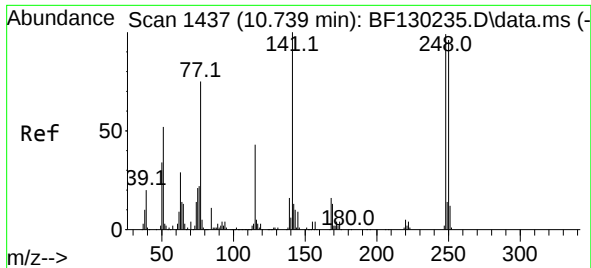
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#66
n-Nitrosodiphenylamine
Concen: 44.298 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

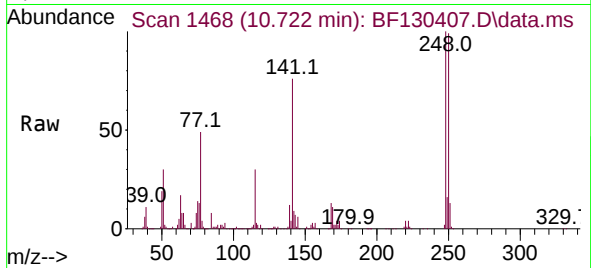
Tgt Ion:169 Resp: 611754
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 36.4 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 47.442 ng
RT: 10.722 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

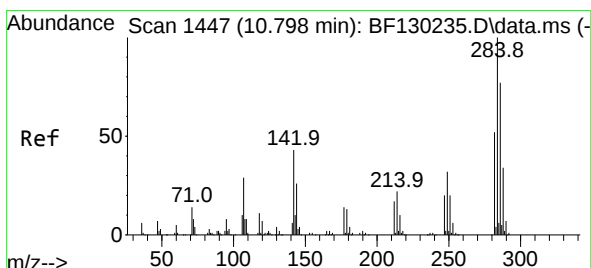
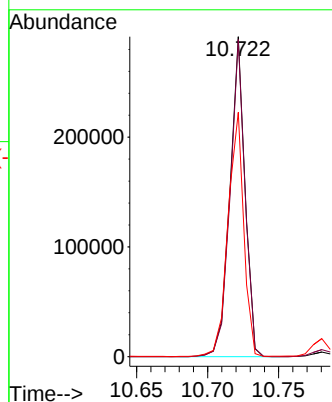
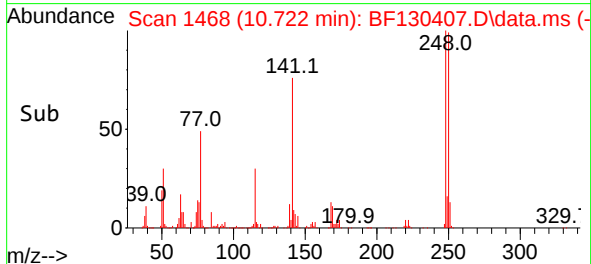
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



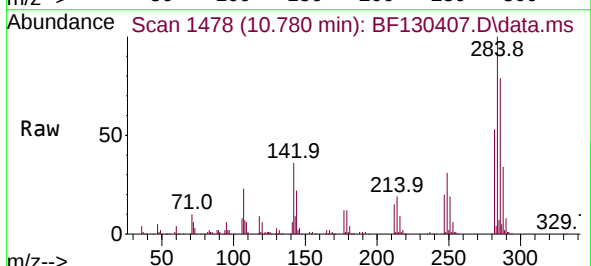
Tgt Ion:248 Resp: 216284
Ion Ratio Lower Upper
248 100
250 99.1 80.0 120.0
141 76.3 68.5 102.7

Manual Integrations
APPROVED

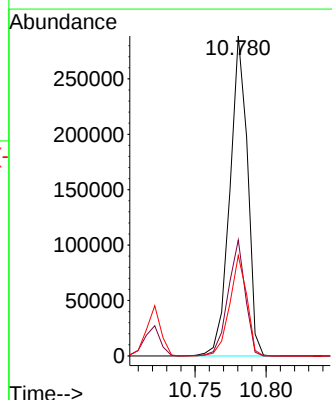
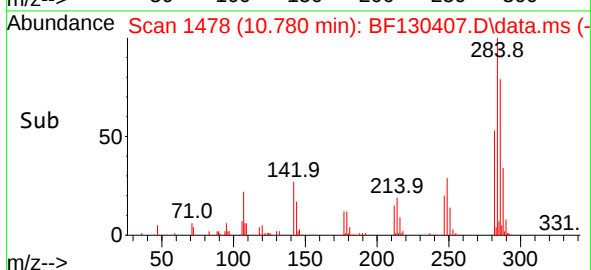
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

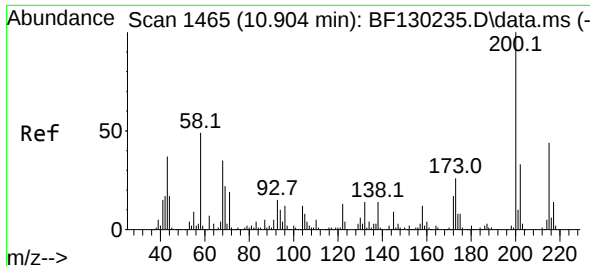


#68
Hexachlorobenzene
Concen: 48.247 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



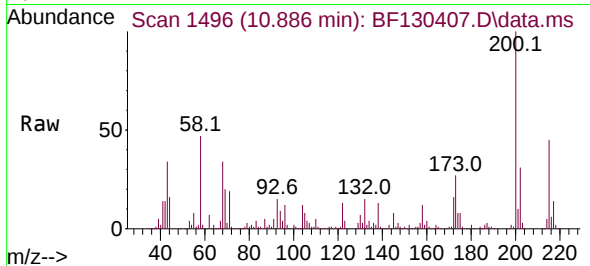
Tgt Ion:284 Resp: 249337
Ion Ratio Lower Upper
284 100
142 36.2 27.2 40.8
249 31.4 23.8 35.8





#69
 Atrazine
 Concen: 51.107 ng
 RT: 10.886 min Scan# 1465
 Delta R.T. 0.006 min
 Lab File: BF130407.D
 Acq: 26 Sep 2022 14:23

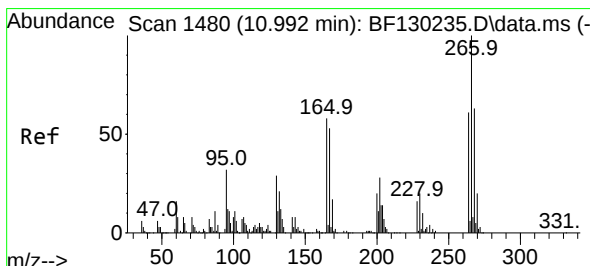
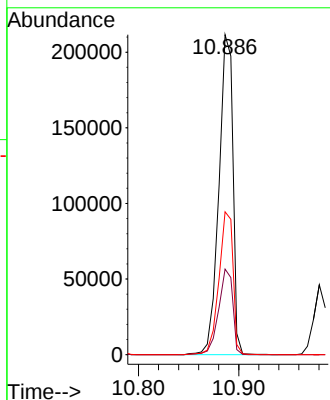
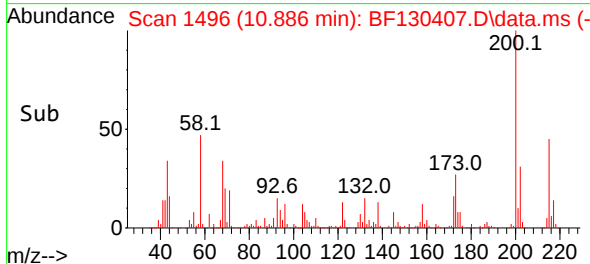
Instrument :
 BNA_F
 ClientSampleId :
 PB147850BSD



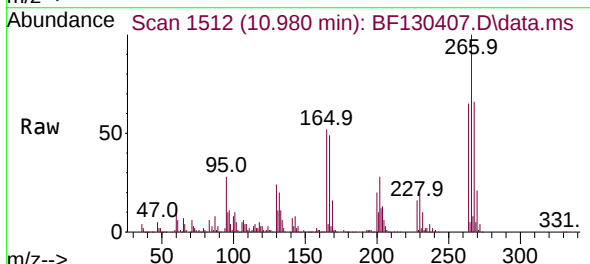
Tgt Ion:200 Resp: 20625
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.2 46.2
 215 44.6 22.5 62.5

Manual Integrations
 APPROVED

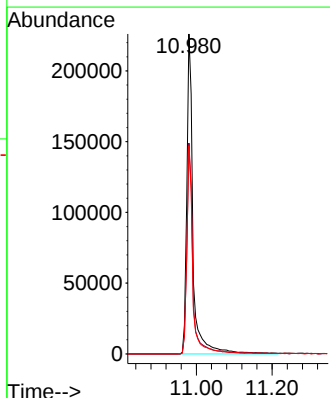
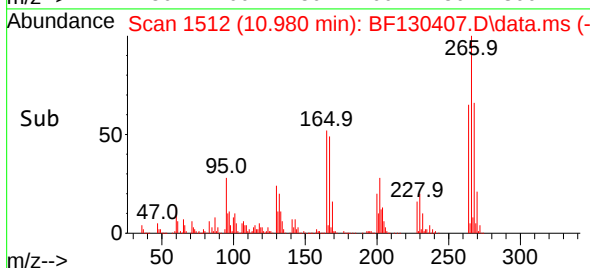
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

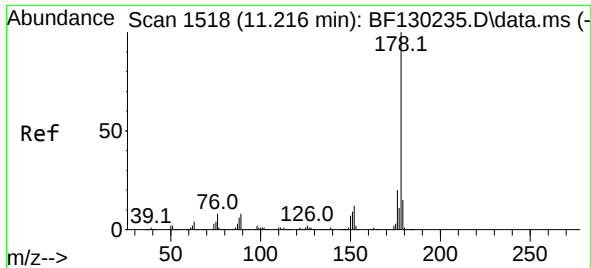


#70
 Pentachlorophenol
 Concen: 92.491 ng
 RT: 10.980 min Scan# 1512
 Delta R.T. -0.000 min
 Lab File: BF130407.D
 Acq: 26 Sep 2022 14:23



Tgt Ion:266 Resp: 256529
 Ion Ratio Lower Upper
 266 100
 268 65.9 50.5 75.7
 264 65.1 50.5 75.7





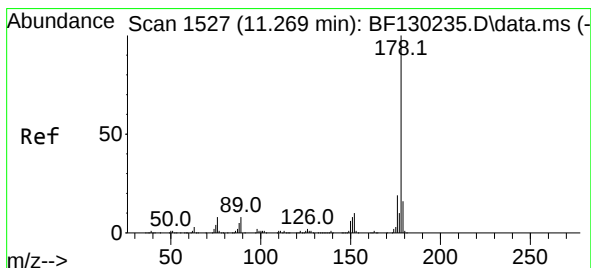
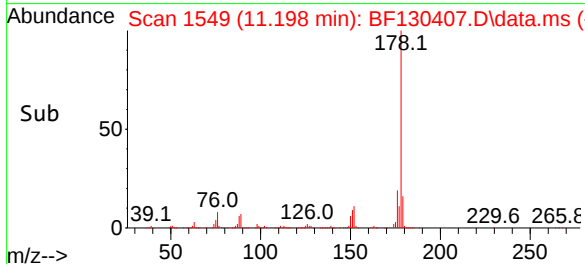
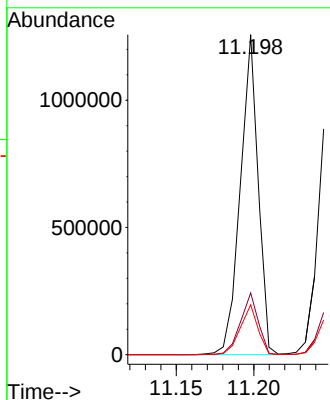
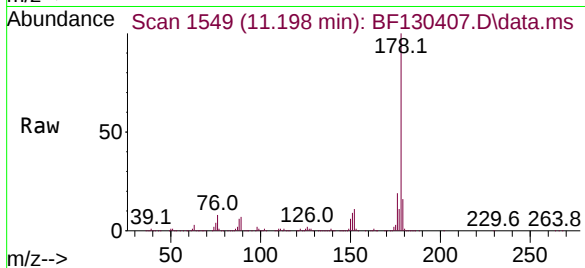
#71
Phenanthrene
Concen: 43.353 ng
RT: 11.198 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :
BNA_F
ClientSampleId :
PB147850BSD

Tgt Ion:178 Resp: 1005892
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.6 12.4 18.6

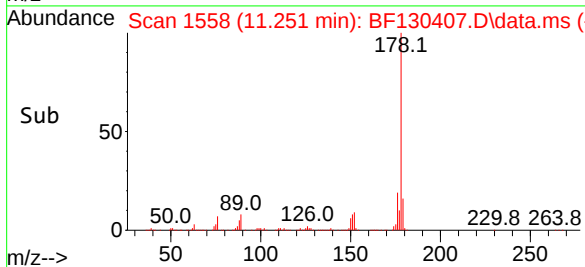
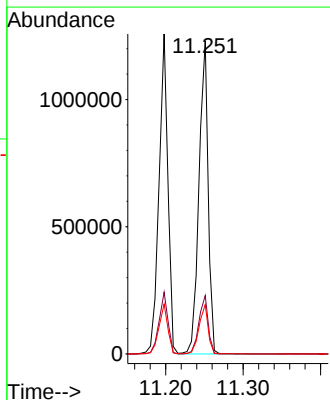
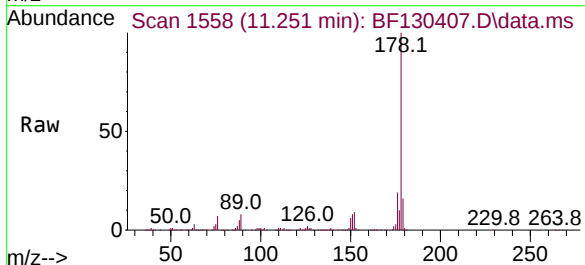
Manual Integrations
APPROVED

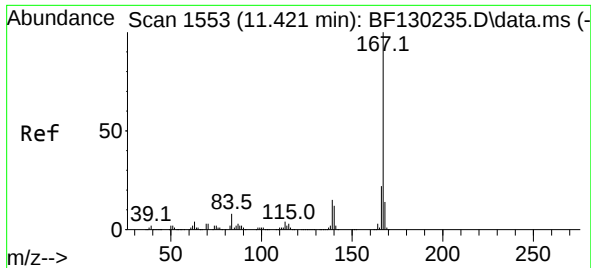
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#72
Anthracene
Concen: 45.224 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

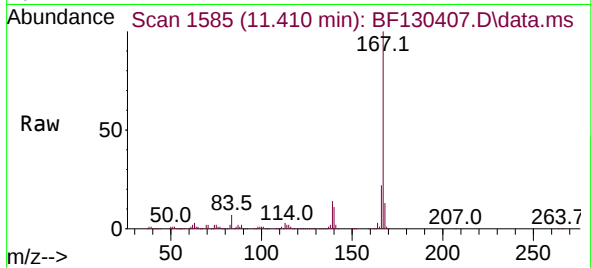
Tgt Ion:178 Resp: 1012609
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.7 12.7 19.1





#73
Carbazole
Concen: 45.332 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

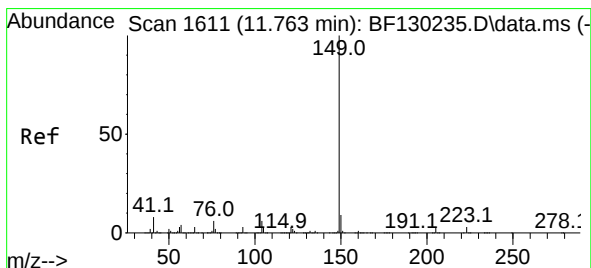
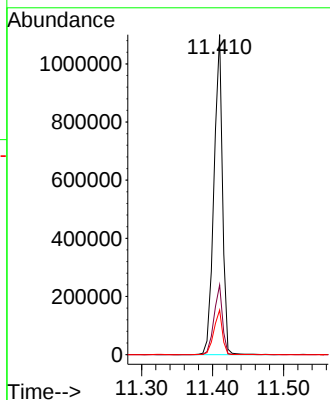
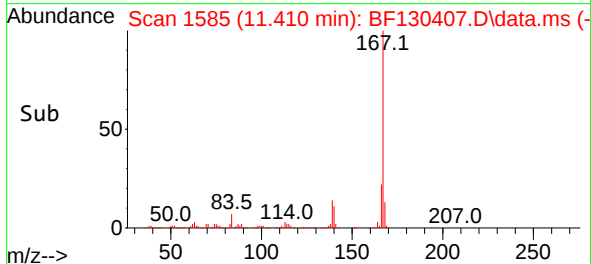
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



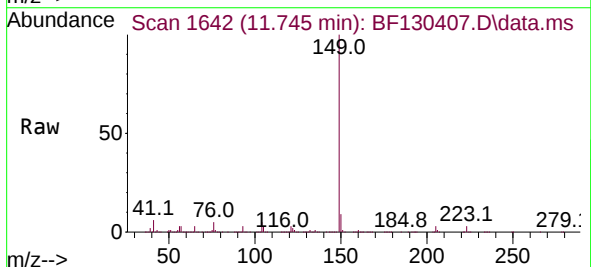
Tgt Ion:167 Resp: 916036
Ion Ratio Lower Upper
167 100
166 21.8 17.4 26.2
139 13.9 11.6 17.4

Manual Integrations
APPROVED

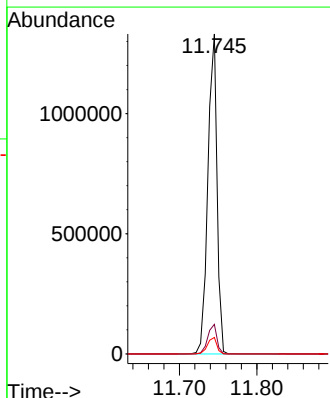
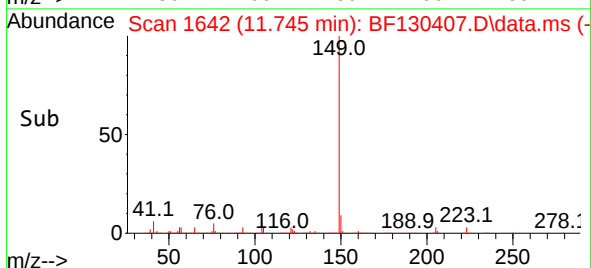
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

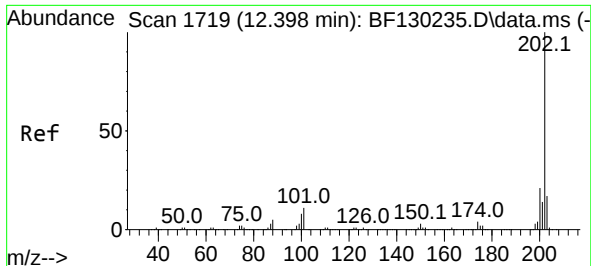


#74
Di-n-butylphthalate
Concen: 44.661 ng
RT: 11.745 min Scan# 1642
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



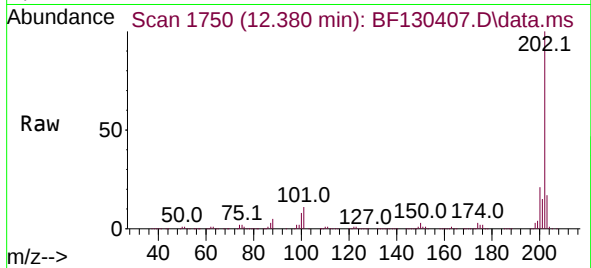
Tgt Ion:149 Resp: 1088298
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.2
104 5.1 4.8 7.2





#75
Fluoranthene
Concen: 45.577 ng
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

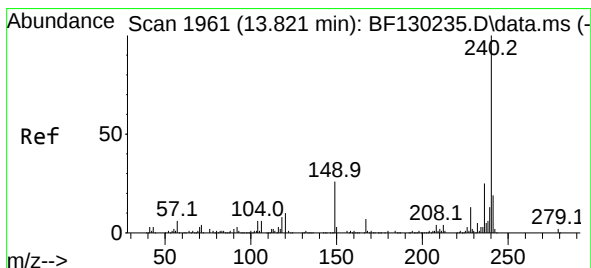
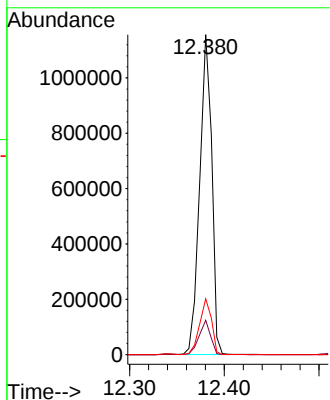
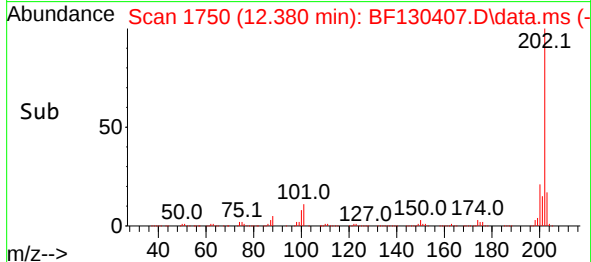
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



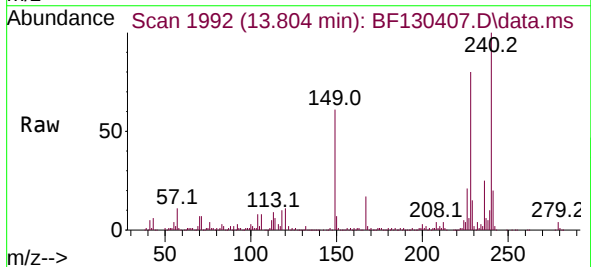
Tgt Ion:202 Resp: 1021854
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.8
203 17.4 0.0 37.8

Manual Integrations
APPROVED

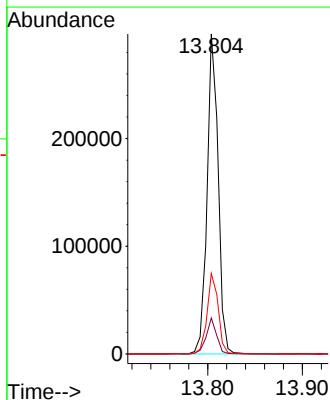
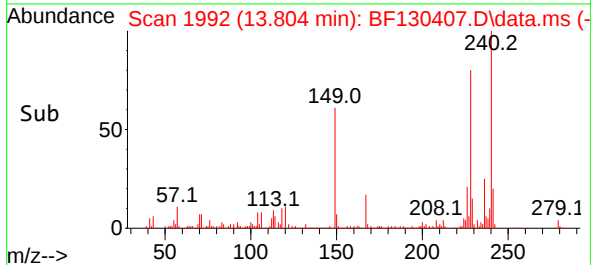
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

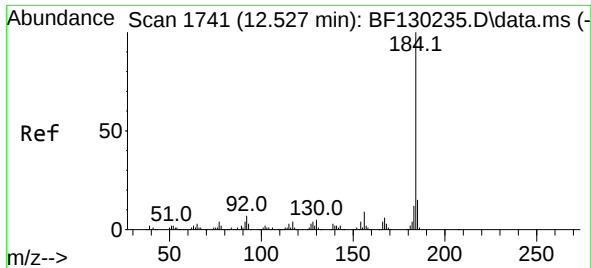


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



Tgt Ion:240 Resp: 241772
Ion Ratio Lower Upper
240 100
120 11.3 8.7 13.1
236 25.1 20.9 31.3





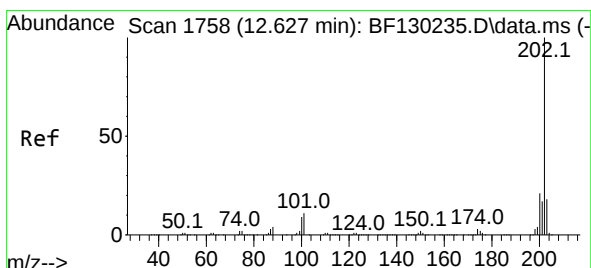
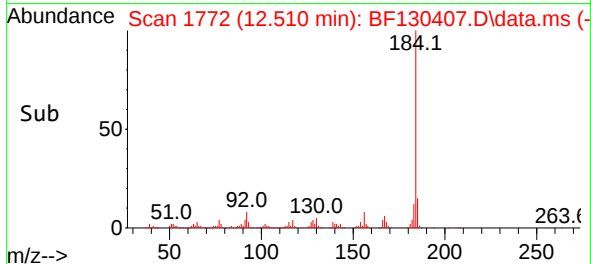
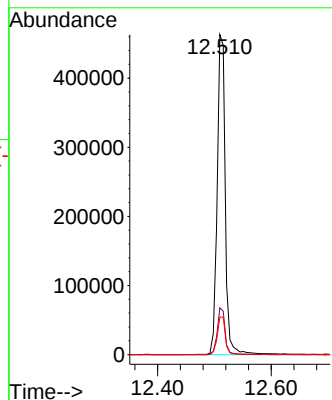
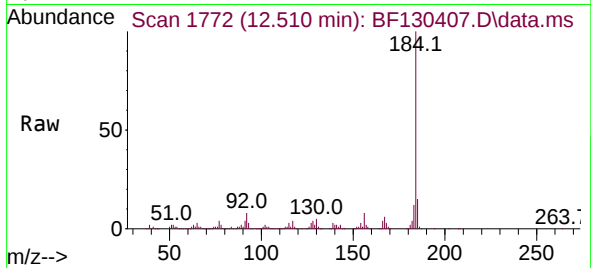
#77
Benzidine
Concen: 65.071 ng
RT: 12.510 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :
BNA_F
ClientSampleId :
PB147850BSD

Tgt Ion:184 Resp: 456694
Ion Ratio Lower Upper
184 100
185 14.6 11.8 17.6
183 11.7 9.1 13.7

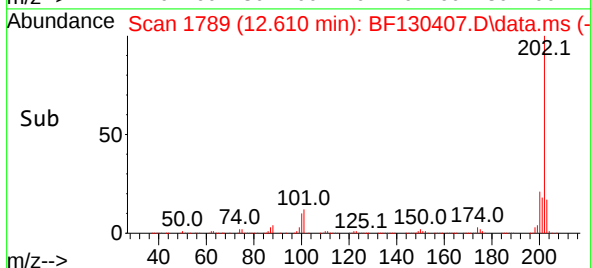
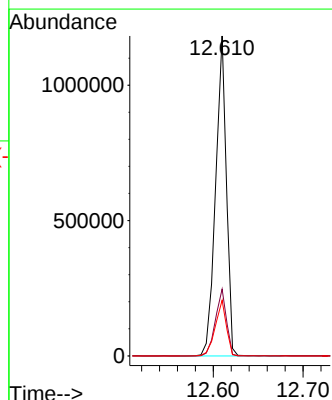
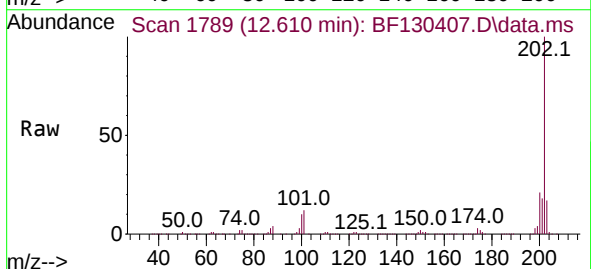
Manual Integrations
APPROVED

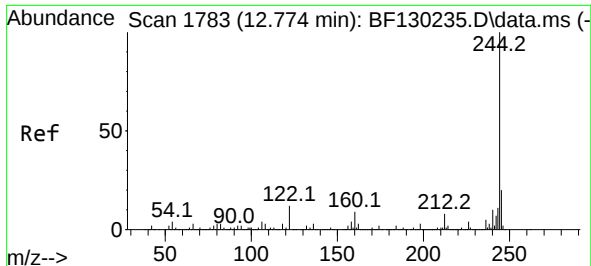
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#78
Pyrene
Concen: 47.096 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

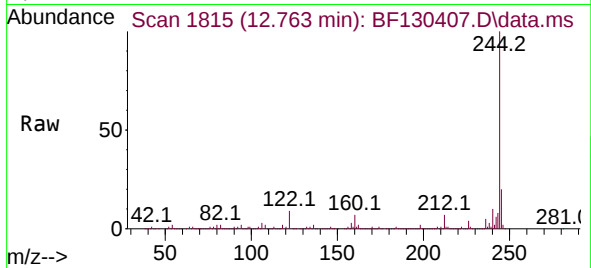
Tgt Ion:202 Resp: 996099
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.4 14.3 21.5





#79
Terphenyl-d14
Concen: 100.592 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

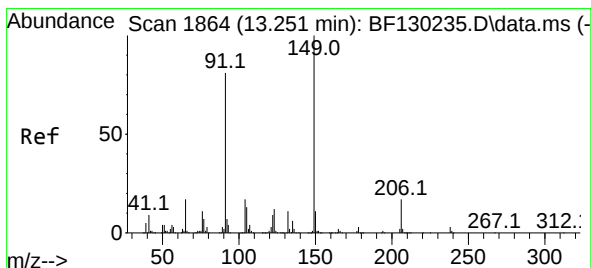
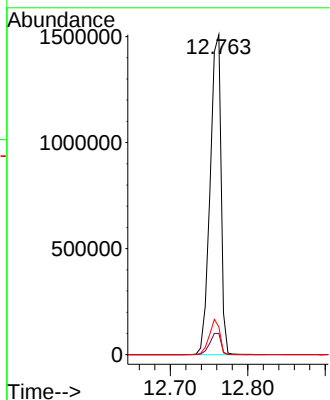
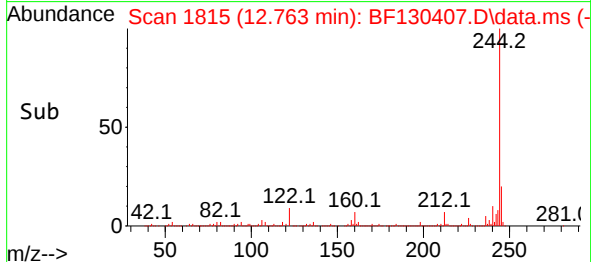
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



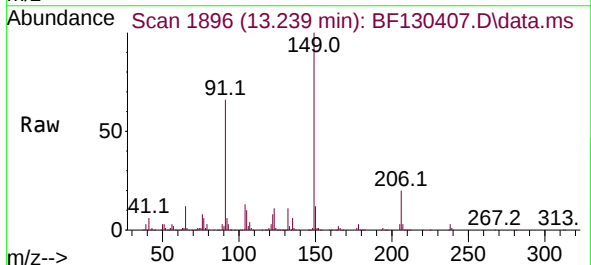
Tgt Ion:244 Resp: 1468185
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 8.7 8.5 12.7

Manual Integrations
APPROVED

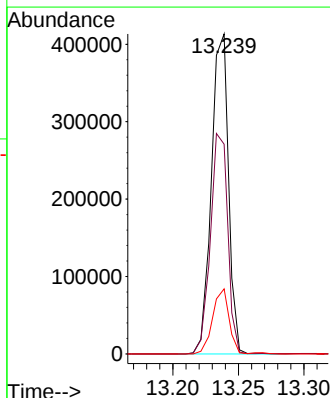
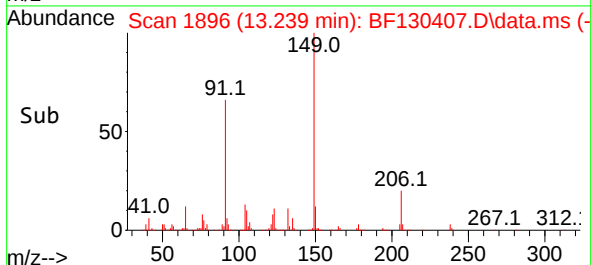
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

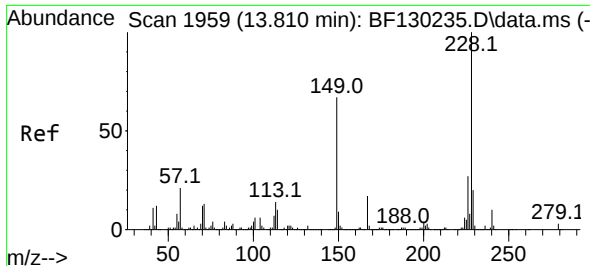


#80
Butylbenzylphthalate
Concen: 48.102 ng
RT: 13.239 min Scan# 1896
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



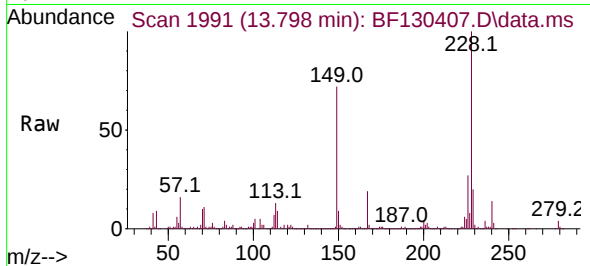
Tgt Ion:149 Resp: 376896
Ion Ratio Lower Upper
149 100
91 65.5 59.8 89.8
206 20.3 13.9 20.9





#81
Benzo(a)anthracene
Concen: 45.183 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

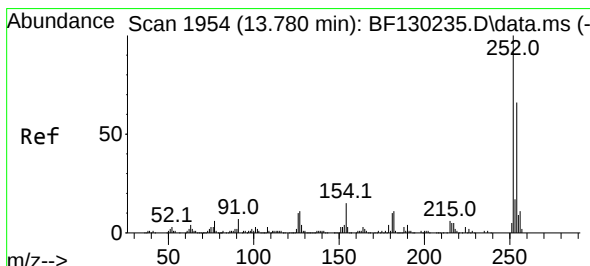
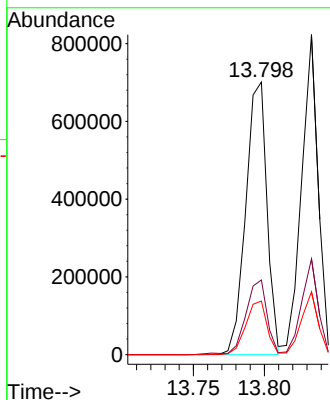
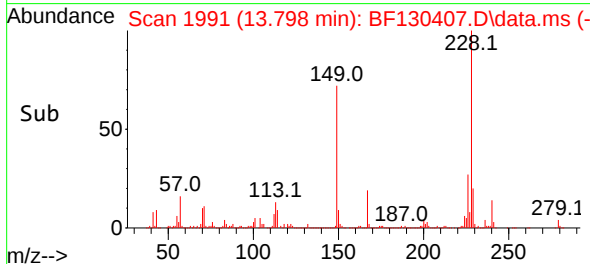
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



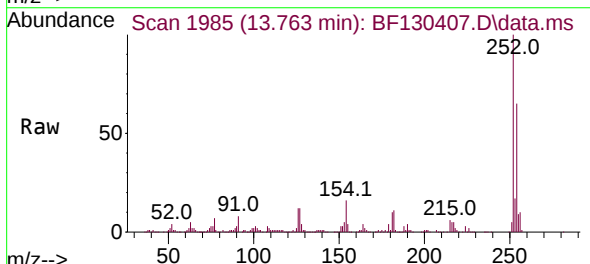
Tgt Ion:228 Resp: 726721
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.6 16.1 24.1

Manual Integrations
APPROVED

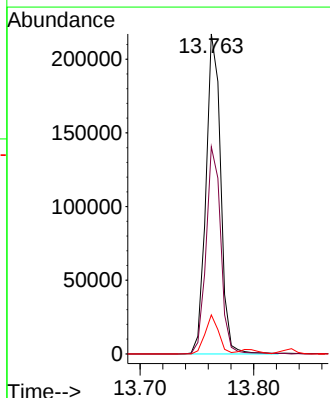
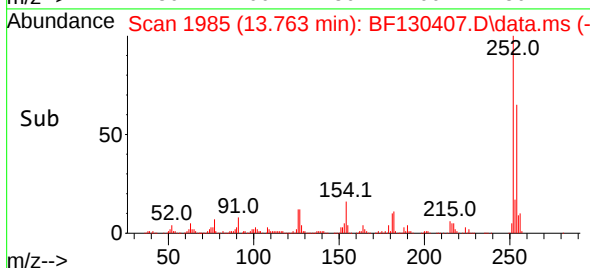
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

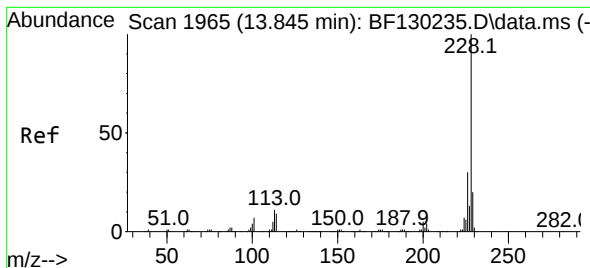


#82
3,3'-Dichlorobenzidine
Concen: 44.708 ng
RT: 13.763 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23



Tgt Ion:252 Resp: 195741
Ion Ratio Lower Upper
252 100
254 64.7 51.1 76.7
126 12.2 10.4 15.6





#83

Chrysene

Concen: 43.968 ng

RT: 13.833 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

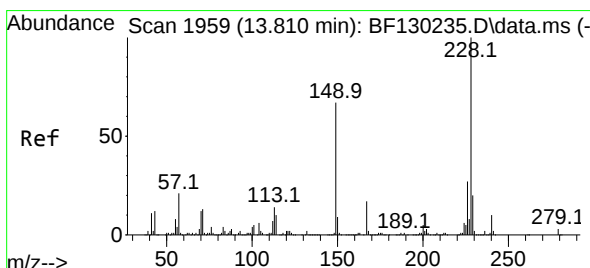
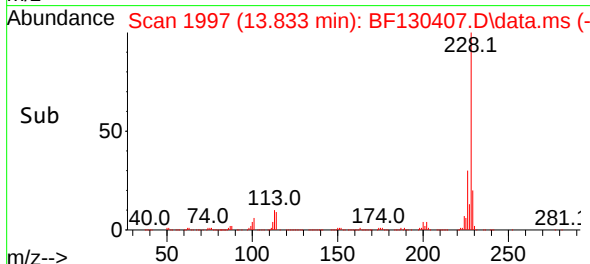
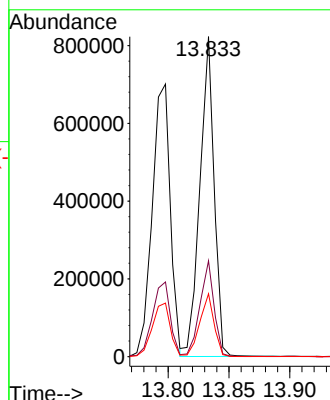
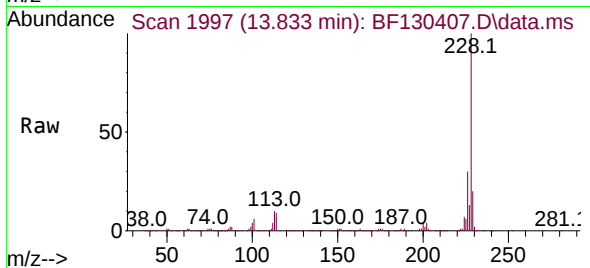
Tgt Ion:	228	Resp:	671452
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.8
229	19.6	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.741 ng

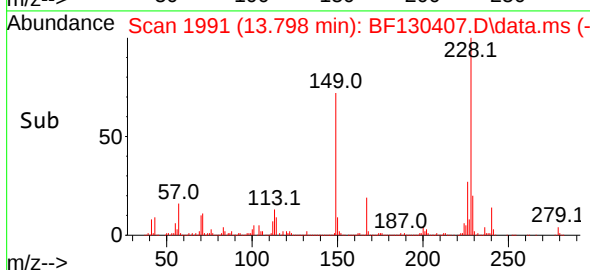
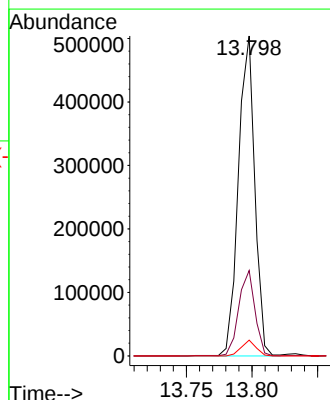
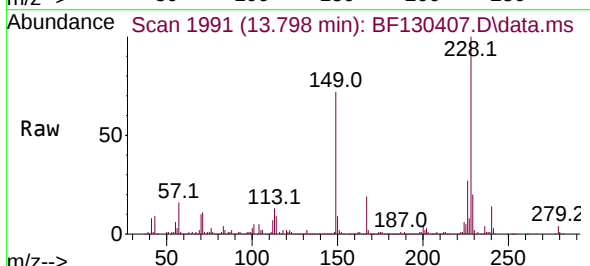
RT: 13.798 min Scan# 1991

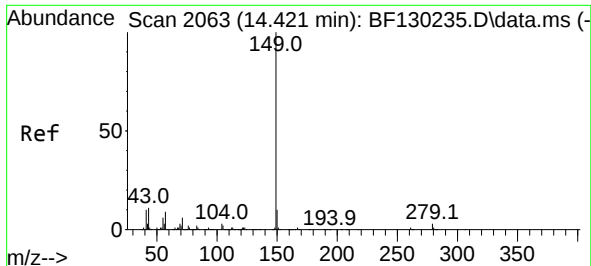
Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

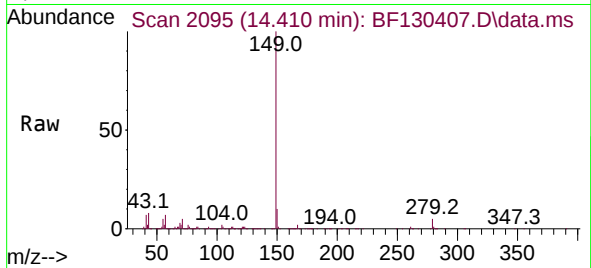
Tgt Ion:	149	Resp:	437442
Ion Ratio	Lower	Upper	
149	100		
167	26.7	20.5	30.7
279	4.9	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 46.245 ng
RT: 14.410 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

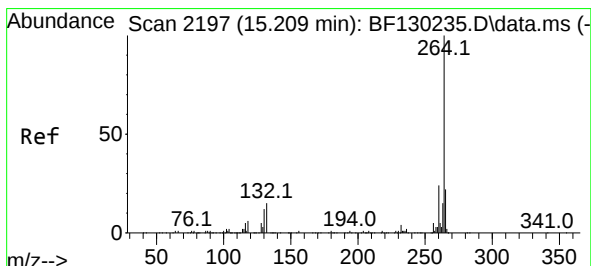
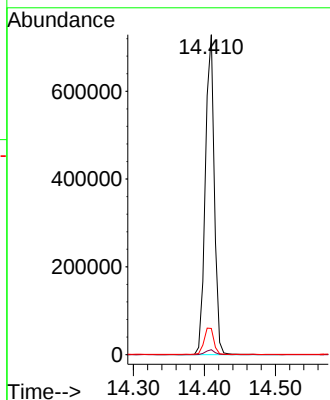
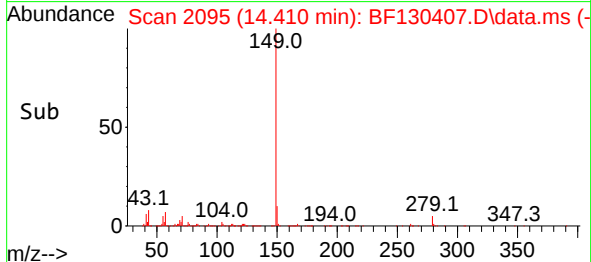
Instrument :
BNA_F
ClientSampleId :
PB147850BSD



Tgt Ion:149 Resp: 634813
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 8.7 13.1

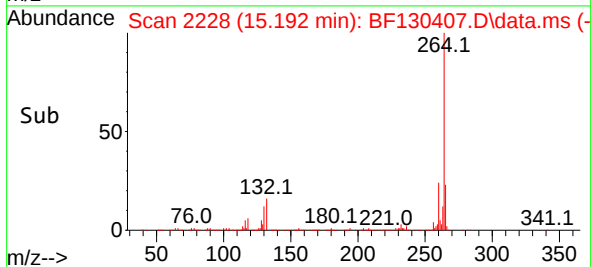
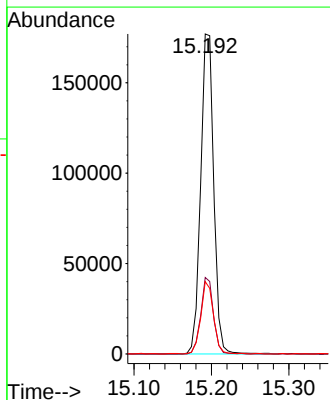
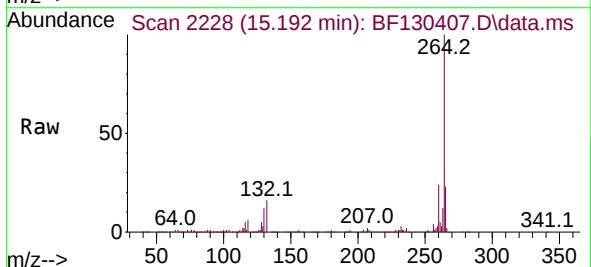
Manual Integrations
APPROVED

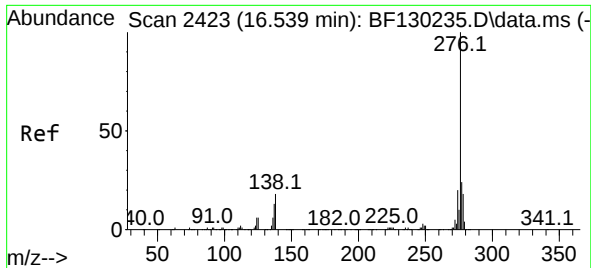
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2228
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

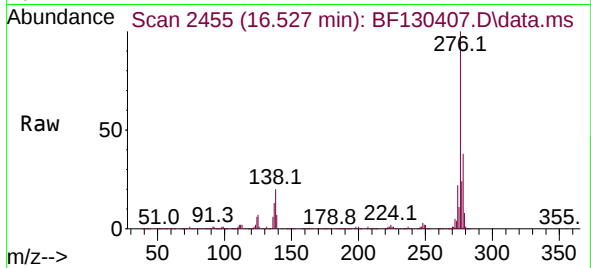
Tgt Ion:264 Resp: 207154
Ion Ratio Lower Upper
264 100
260 23.9 19.3 28.9
265 22.6 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 45.277 ng
 RT: 16.527 min Scan# 2423
 Delta R.T. -0.000 min
 Lab File: BF130407.D
 Acq: 26 Sep 2022 14:23

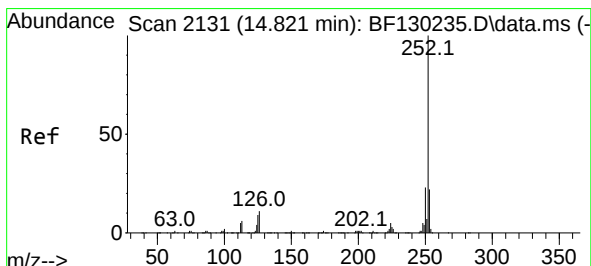
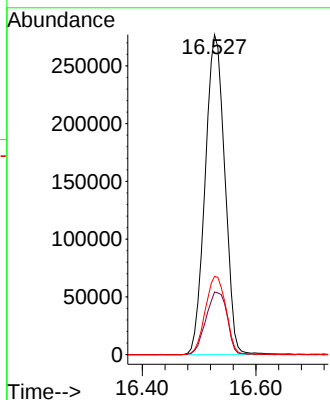
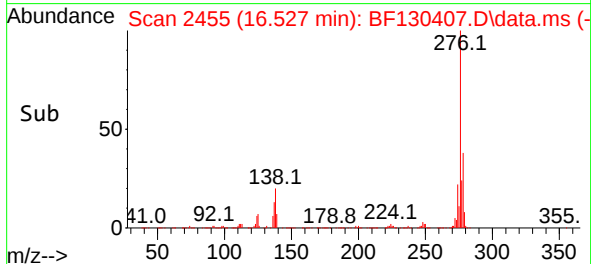
Instrument :
 BNA_F
 ClientSampleId :
 PB147850BSD



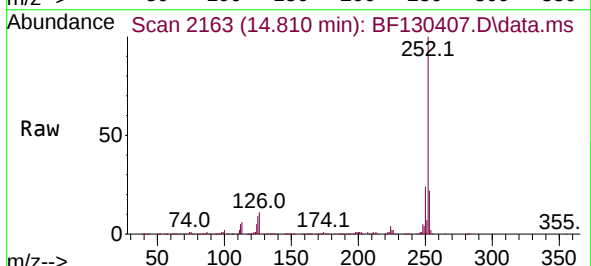
Tgt Ion:276 Resp: 665122
 Ion Ratio Lower Upper
 276 100
 138 21.2 18.5 27.7
 277 25.8 20.2 30.4

Manual Integrations
 APPROVED

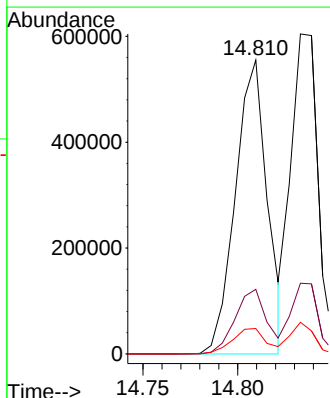
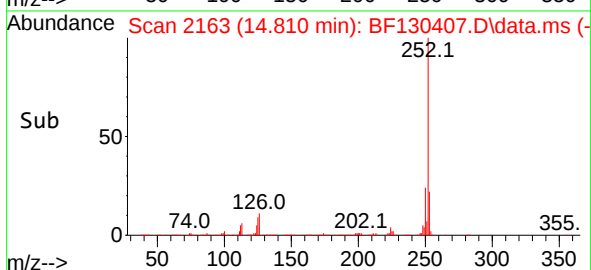
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

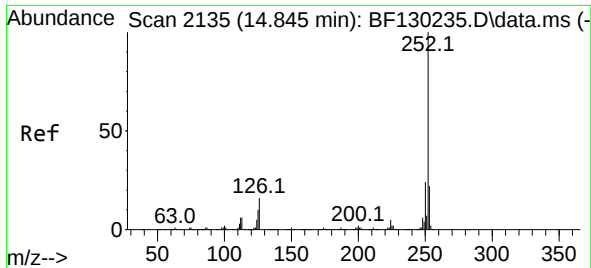


#88
 Benzo(b)fluoranthene
 Concen: 48.141 ng
 RT: 14.810 min Scan# 2163
 Delta R.T. 0.006 min
 Lab File: BF130407.D
 Acq: 26 Sep 2022 14:23



Tgt Ion:252 Resp: 650903
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 8.7 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 45.233 ng

RT: 14.833 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

PB147850BSD

Tgt Ion:252 Resp: 60161

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

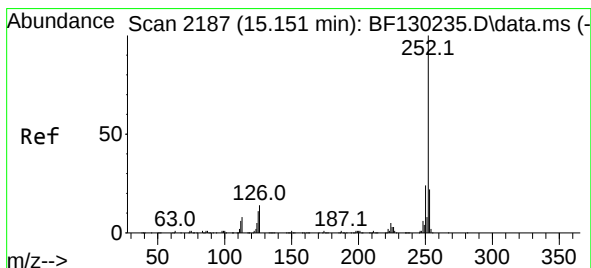
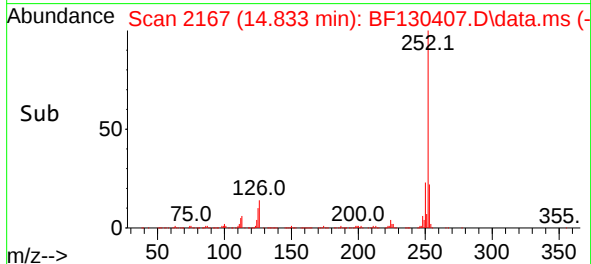
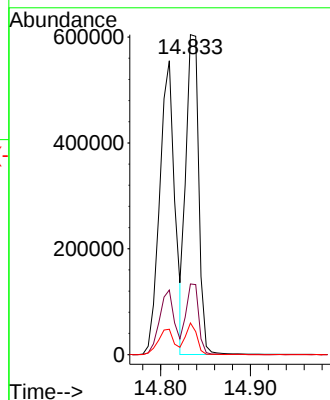
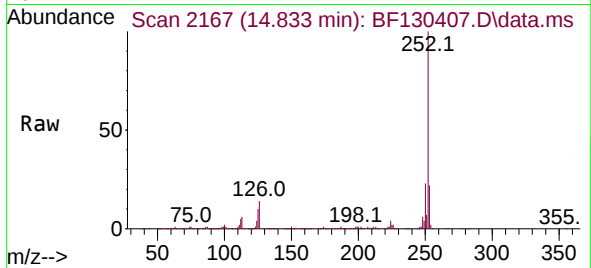
125 9.9 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#90

Benzo(a)pyrene

Concen: 50.592 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.000 min

Lab File: BF130407.D

Acq: 26 Sep 2022 14:23

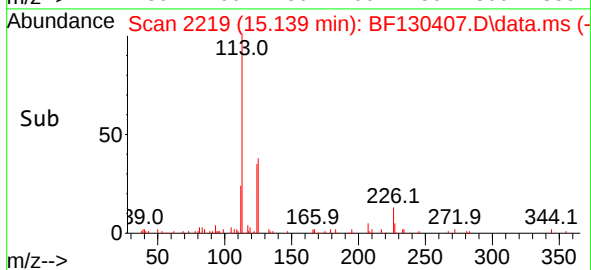
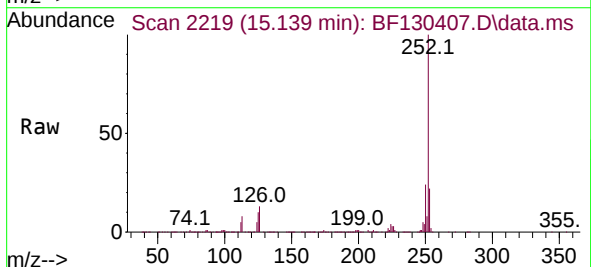
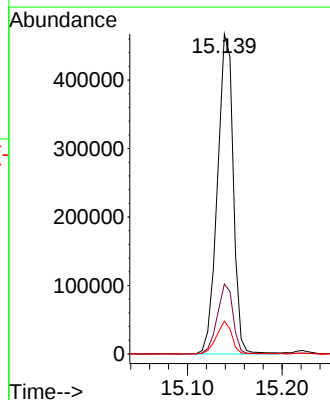
Tgt Ion:252 Resp: 541931

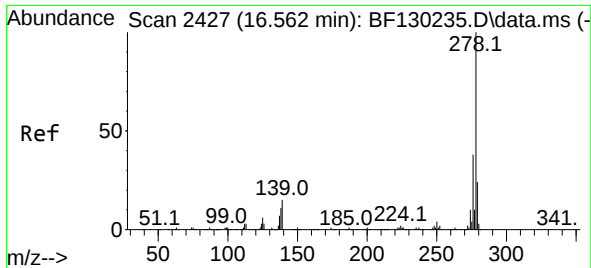
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.2 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 48.352 ng
RT: 16.545 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Instrument :

BNA_F

ClientSampleId :

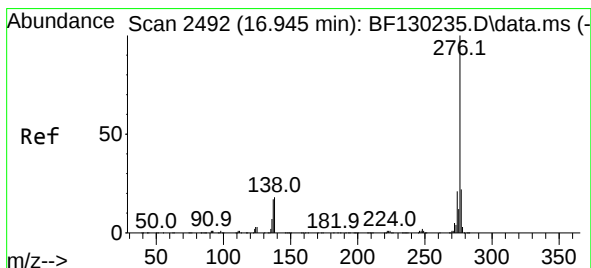
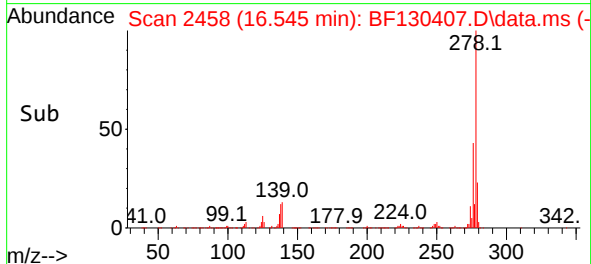
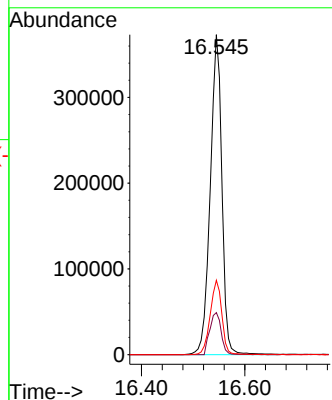
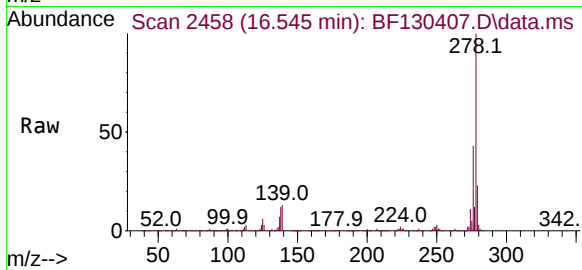
PB147850BSD

Tgt Ion:278 Resp: 58270
Ion Ratio Lower Upper
278 100
139 13.1 11.8 17.8
279 23.2 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#92
Benzo(g,h,i)perylene
Concen: 47.087 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BF130407.D
Acq: 26 Sep 2022 14:23

Tgt Ion:276 Resp: 571625
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 17.5 14.6 21.8

