

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130409.D
 Acq On : 26 Sep 2022 15:32
 Operator : CG\JU
 Sample : PB147858BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147858BSD

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 01:05:50 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	110684	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	431041	20.000	ng	# 0.00
39) Acenaphthene-d10	9.686	164	235927	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	409581	20.000	ng	0.00
76) Chrysene-d12	13.804	240	238467	20.000	ng	0.00
86) Perylene-d12	15.192	264	207118	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	640359	100.347	ng	0.02
7) Phenol-d6	6.298	99	769578	96.382	ng	0.00
23) Nitrobenzene-d5	7.222	82	727436	86.218	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	252647	111.760	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1418985	87.583	ng	0.00
79) Terphenyl-d14	12.757	244	1509709	104.871	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	101560	34.653	ng	96
3) Pyridine	3.040	79	270621	35.397	ng	95
4) n-Nitrosodimethylamine	3.004	42	160383	38.571	ng	93
6) Aniline	6.316	93	411425	41.819	ng	# 60
8) 2-Chlorophenol	6.439	128	361766	49.766	ng	92
9) Benzaldehyde	6.198	77	197845	36.991	ng	96
10) Phenol	6.310	94	424778	45.396	ng	80
11) bis(2-Chloroethyl)ether	6.392	93	317560	47.051	ng	97
12) 1,3-Dichlorobenzene	6.592	146	380375	47.555	ng	97
13) 1,4-Dichlorobenzene	6.669	146	388519	47.632	ng	98
14) 1,2-Dichlorobenzene	6.822	146	368016	48.298	ng	97
15) Benzyl Alcohol	6.804	79	237079	37.449	ng	95
16) 2,2'-oxybis(1-Chloropr...	6.933	45	397142	40.344	ng	82
17) 2-Methylphenol	6.922	107	296793	50.225	ng	97
18) Hexachloroethane	7.163	117	147101	45.751	ng	93
19) n-Nitroso-di-n-propyla...	7.081	70	235822	43.769	ng	91
20) 3+4-Methylphenols	7.075	107	360592	46.974	ng	# 78
22) Acetophenone	7.069	105	511510	48.538	ng	# 91
24) Nitrobenzene	7.239	77	370171	43.209	ng	95
25) Isophorone	7.481	82	652977	48.018	ng	98
26) 2-Nitrophenol	7.557	139	196334	55.905	ng	# 87
27) 2,4-Dimethylphenol	7.604	122	286383	52.961	ng	96
28) bis(2-Chloroethoxy)met...	7.698	93	389820	50.909	ng	99
29) 2,4-Dichlorophenol	7.804	162	294863	49.760	ng	95
30) 1,2,4-Trichlorobenzene	7.880	180	307355	47.975	ng	96
31) Naphthalene	7.957	128	1023095	46.071	ng	100
32) Benzoic acid	7.751	122	207097	49.525	ng	96
33) 4-Chloroaniline	8.016	127	280233	33.180	ng	94
34) Hexachlorobutadiene	8.075	225	196883	48.086	ng	100
35) Caprolactam	8.398	113	91942m	54.123	ng	
36) 4-Chloro-3-methylphenol	8.510	107	329092	50.105	ng	99
37) 2-Methylnaphthalene	8.651	142	678963	47.954	ng	99
38) 1-Methylnaphthalene	8.751	142	637821	46.893	ng	100
40) 1,2,4,5-Tetrachloroben...	8.816	216	317330	49.286	ng	99
41) Hexachlorocyclopentadiene	8.798	237	391203	113.486	ng	98
43) 2,4,6-Trichlorophenol	8.933	196	213906	47.603	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	235220	48.509	ng	97
46) 1,1'-Biphenyl	9.116	154	825598	46.856	ng	98
47) 2-Chloronaphthalene	9.139	162	649193	45.546	ng	97
48) 2-Nitroaniline	9.239	65	199972	42.064	ng	92
49) Acenaphthylene	9.551	152	973413	45.548	ng	99
50) Dimethylphthalate	9.427	163	760309	46.654	ng	99
51) 2,6-Dinitrotoluene	9.486	165	172616	50.646	ng	# 80
52) Acenaphthene	9.722	154	715693m	50.970	ng	
53) 3-Nitroaniline	9.651	138	124790	32.858	ng	96
54) 2,4-Dinitrophenol	9.763	184	181389	96.692	ng	92
55) Dibenzofuran	9.898	168	897827	45.970	ng	96
56) 4-Nitrophenol	9.833	139	255554	92.387	ng	# 86
57) 2,4-Dinitrotoluene	9.892	165	228722	52.509	ng	89
58) Fluorene	10.239	166	729355	45.663	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.016	232	188405	49.641	ng	90
60) Diethylphthalate	10.122	149	750871	45.946	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	343286	48.993	ng	95
62) 4-Nitroaniline	10.269	138	178291	46.732	ng	93
63) Azobenzene	10.392	77	677160	40.240	ng	96
65) 4,6-Dinitro-2-methylph...	10.292	198	117878	51.701	ng	96
66) n-Nitrosodiphenylamine	10.357	169	629841	46.018	ng	99
67) 4-Bromophenyl-phenylether	10.721	248	221095	48.933	ng	92
68) Hexachlorobenzene	10.780	284	255015	49.790	ng	98
69) Atrazine	10.886	200	209484	52.373	ng	97
70) Pentachlorophenol	10.980	266	263271	95.775	ng	99
71) Phenanthrene	11.198	178	1038484	45.160	ng	100
72) Anthracene	11.251	178	1048512	47.249	ng	99
73) Carbazole	11.410	167	944728	47.172	ng	98
74) Di-n-butylphthalate	11.739	149	1126710	46.653	ng	99
75) Fluoranthene	12.380	202	1039187	46.767	ng	99
77) Benzidine	12.510	184	528510	76.347	ng	99
78) Pyrene	12.610	202	1026583	49.210	ng	99
80) Butylbenzylphthalate	13.233	149	392880	50.837	ng	98
81) Benzo(a)anthracene	13.792	228	761840	48.023	ng	99
82) 3,3'-Dichlorobenzidine	13.762	252	199316	46.156	ng	99
83) Chrysene	13.833	228	699325	46.427	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	458733	51.821	ng	# 96
85) Di-n-octyl phthalate	14.409	149	676809	49.988	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.527	276	694177	47.263	ng	98
88) Benzo(b)fluoranthene	14.809	252	693987	51.336	ng	98
89) Benzo(k)fluoranthene	14.833	252	617768	46.455	ng	99
90) Benzo(a)pyrene	15.139	252	572463	53.452	ng	98
91) Dibenzo(a,h)anthracene	16.545	278	600949	49.875	ng	98
92) Benzo(g,h,i)perylene	16.927	276	598151	49.281	ng	100

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

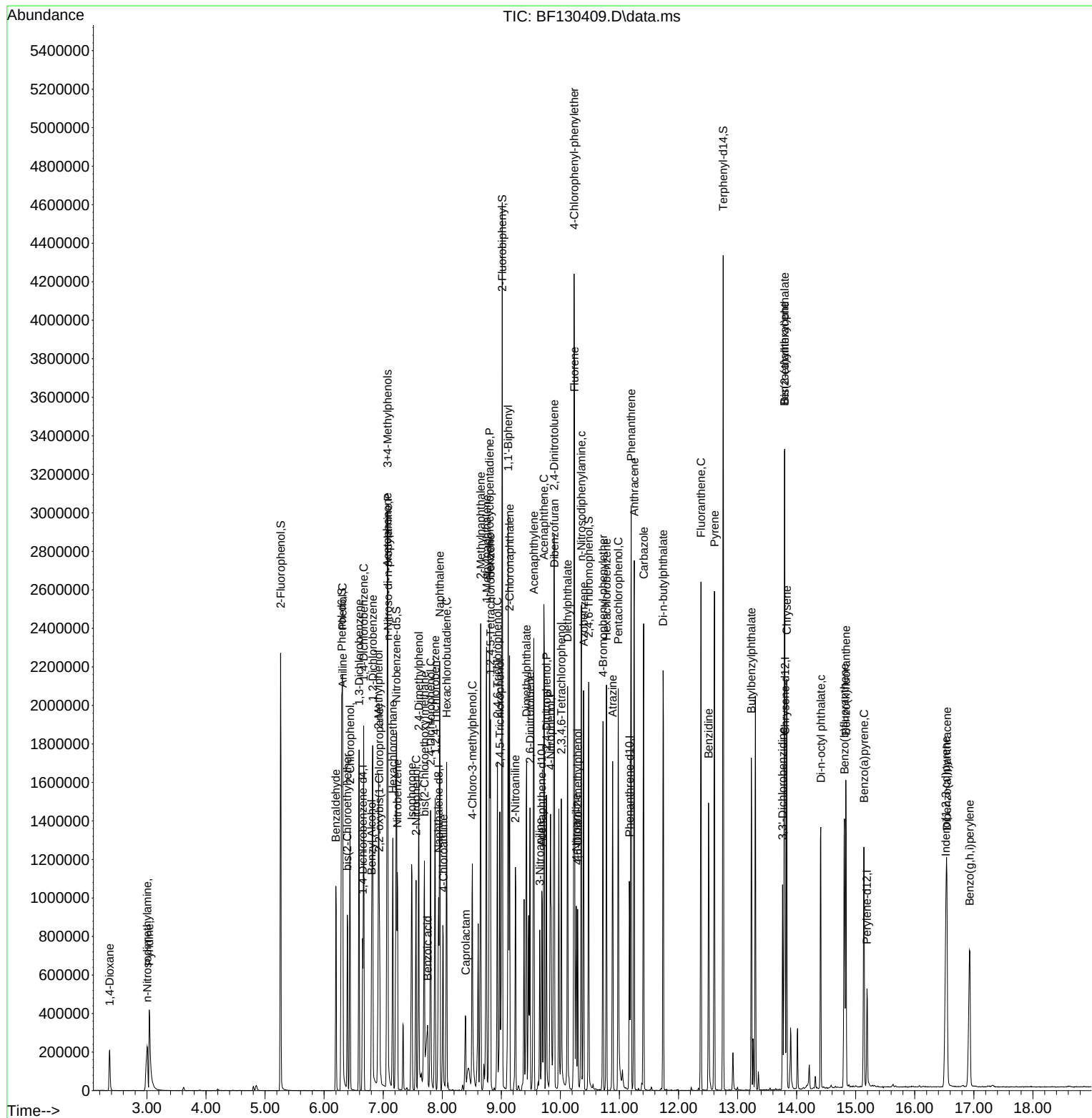
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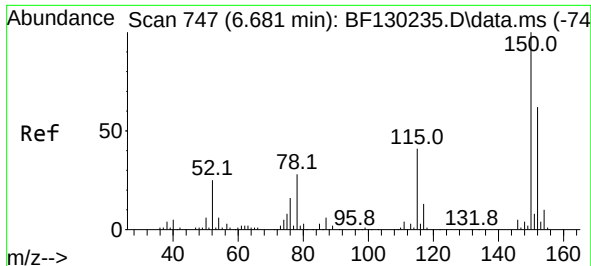
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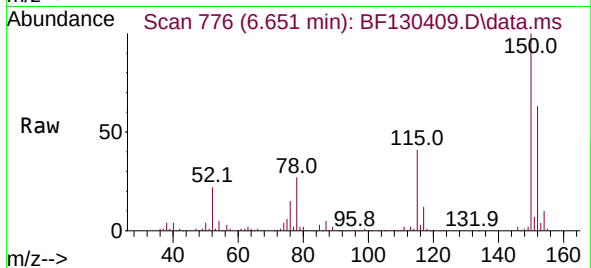
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

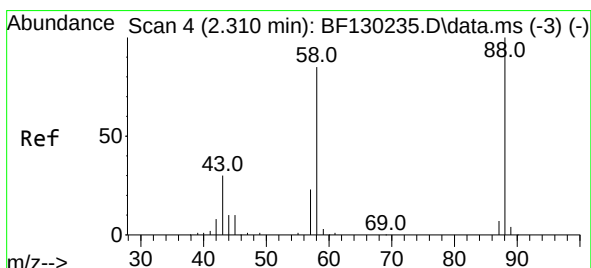
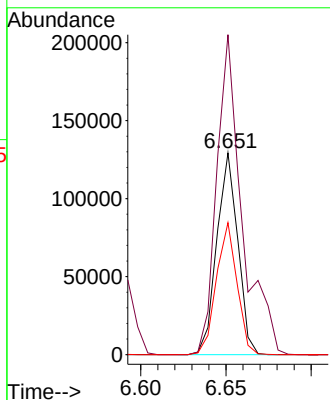
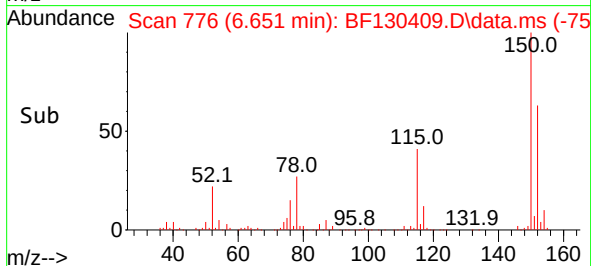
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



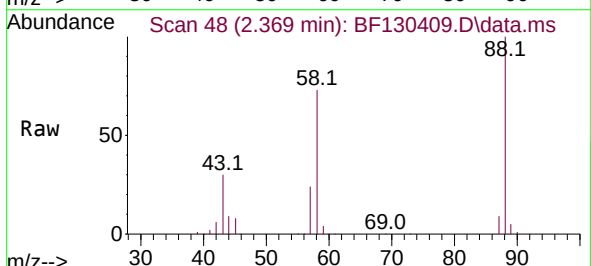
Tgt Ion:152 Resp: 110684
Ion Ratio Lower Upper
152 100
150 158.7 122.8 184.2
115 65.4 53.8 80.8

Manual Integrations
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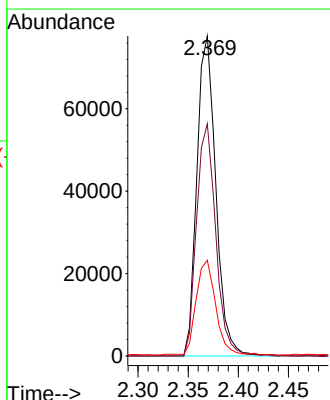
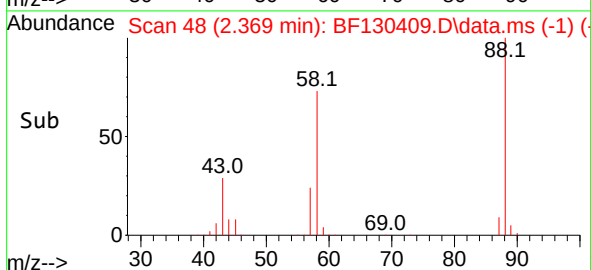
Reviewed By :Christian Giraldo 09/27/2022
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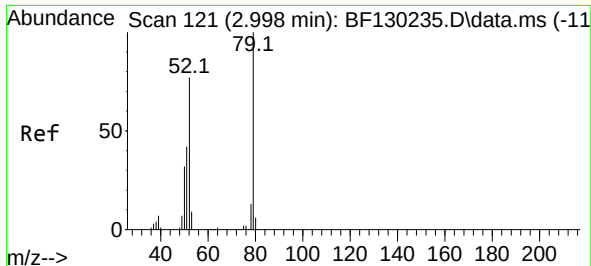


#2
1,4-Dioxane
Concen: 34.653 ng
RT: 2.369 min Scan# 48
Delta R.T. 0.141 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



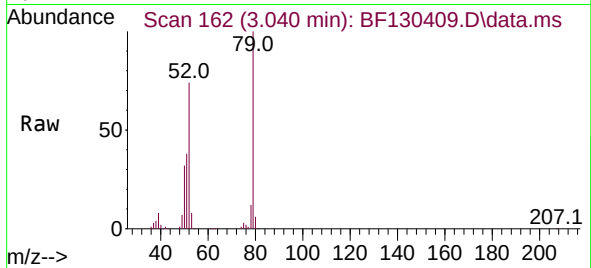
Tgt Ion: 88 Resp: 101560
Ion Ratio Lower Upper
88 100
58 73.6 61.3 91.9
43 30.8 23.0 34.6





#3
Pyridine
Concen: 35.397 ng
RT: 3.040 min Scan# 10
Delta R.T. 0.129 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

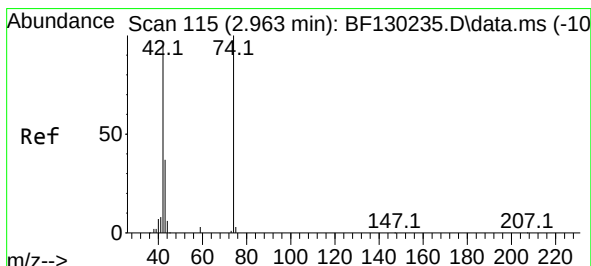
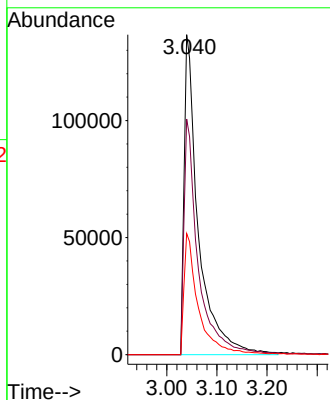
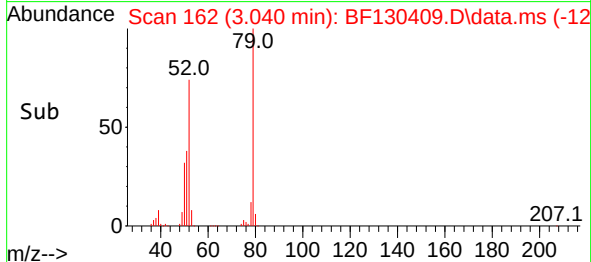
Instrument :
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ClientSampleId :
PB147858BSD



Tgt Ion: 79 Resp: 27062
Ion Ratio Lower Upper
79 100
52 73.6 62.4 93.6
51 37.8 32.2 48.4

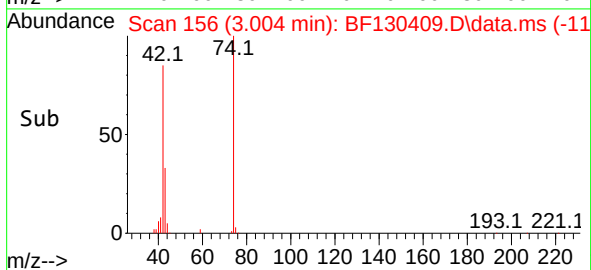
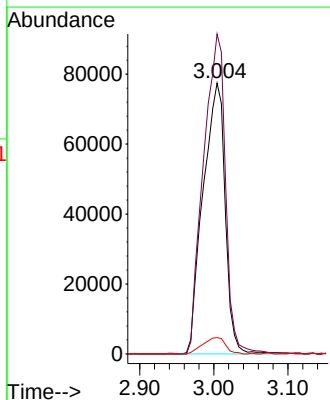
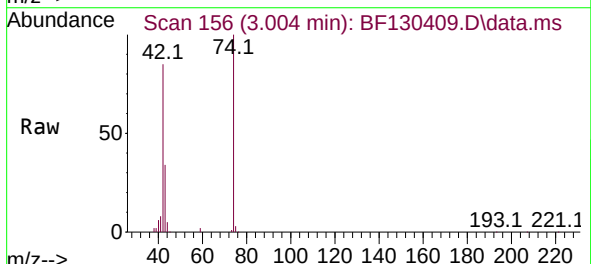
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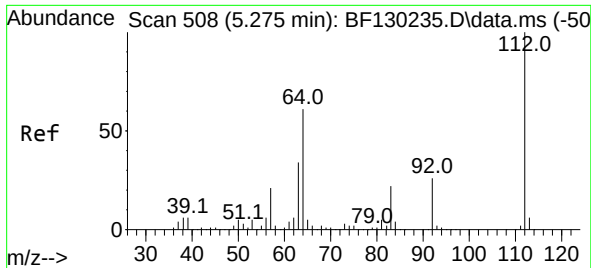
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#4
n-Nitrosodimethylamine
Concen: 38.571 ng
RT: 3.004 min Scan# 156
Delta R.T. 0.135 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Tgt Ion: 42 Resp: 160383
Ion Ratio Lower Upper
42 100
74 118.2 88.4 132.6
44 6.0 5.0 7.4





#5
2-Fluorophenol
Concen: 100.347 ng
RT: 5.263 min Scan# 54
Delta R.T. 0.017 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

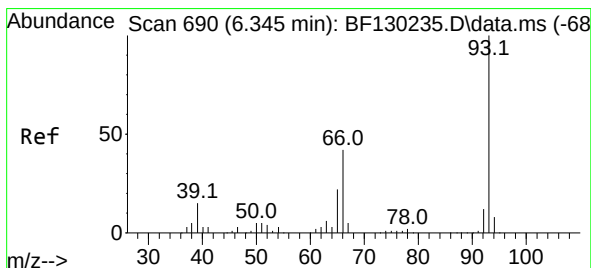
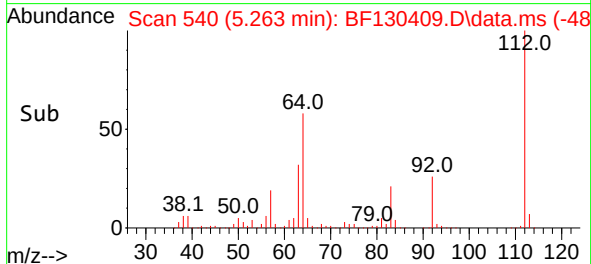
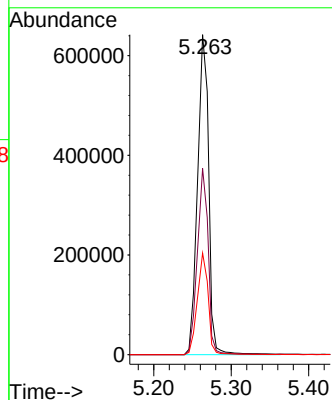
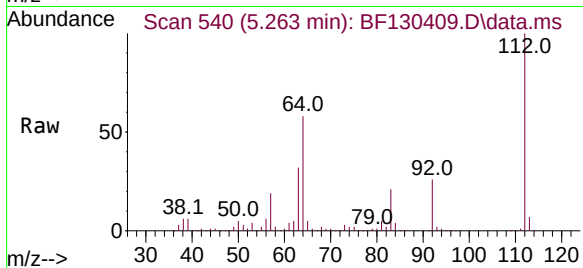
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Tgt Ion:112 Resp: 640359
Ion Ratio Lower Upper
112 100
64 58.2 51.4 77.0
63 31.7 28.8 43.2

Manual Integrations

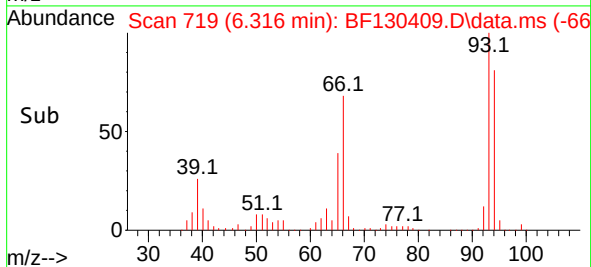
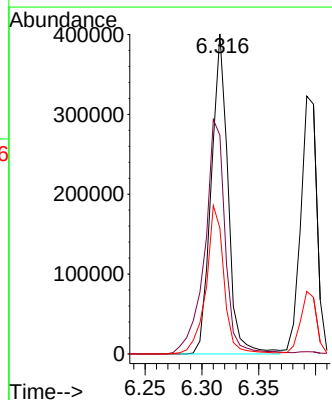
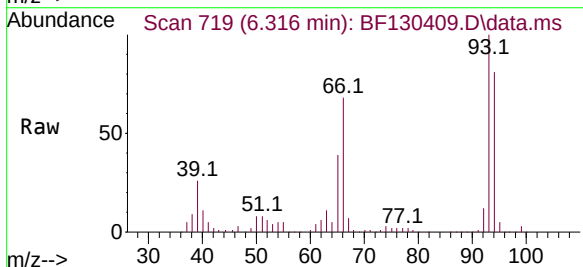
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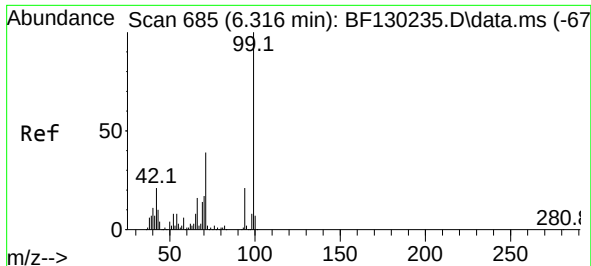
Reviewed By :Christian Giraldo 09/27/2022
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#6
Aniline
Concen: 41.819 ng
RT: 6.316 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF130409.D
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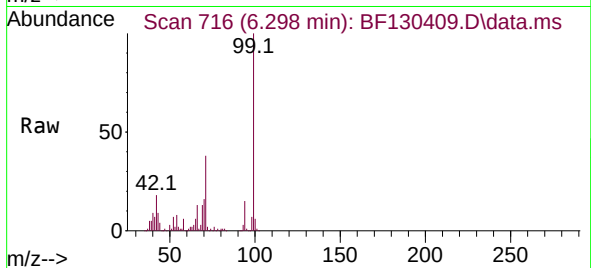
Tgt Ion: 93 Resp: 411425
Ion Ratio Lower Upper
93 100
66 68.3 34.2 51.4#
65 39.3 16.6 24.8#





#7
Phenol-d6
Concen: 96.382 ng
RT: 6.298 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

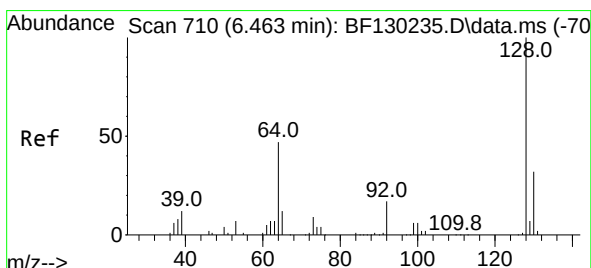
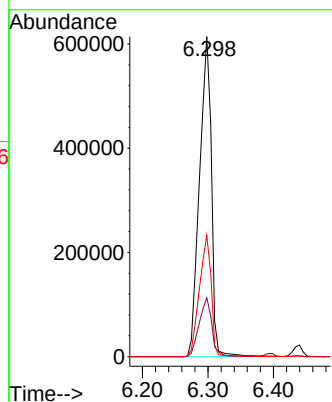
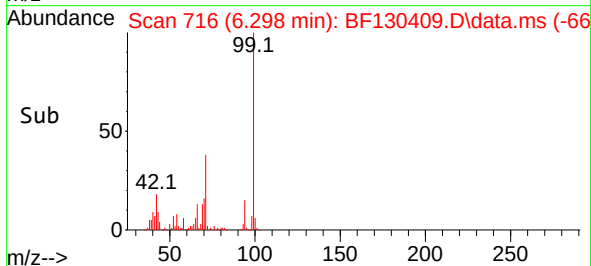
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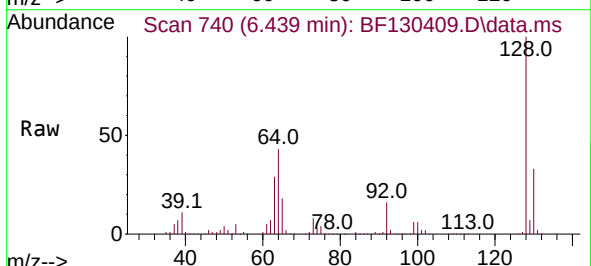
Tgt Ion: 99 Resp: 769578
Ion Ratio Lower Upper
99 100
42 18.4 17.0 25.6
71 37.8 32.3 48.5

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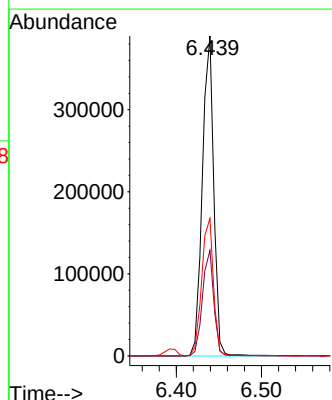
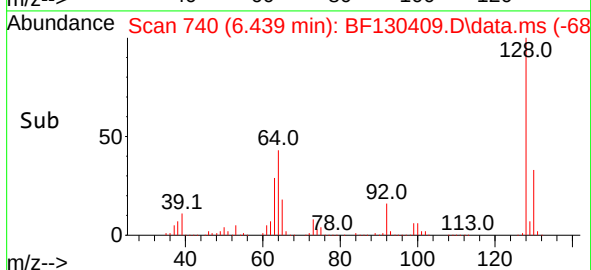
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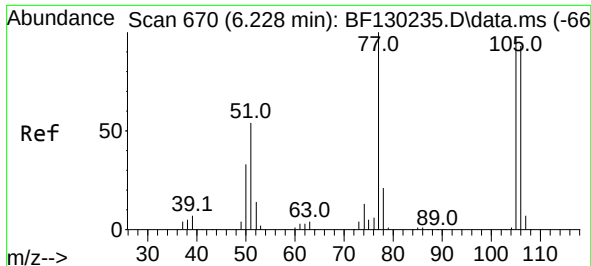


#8
2-Chlorophenol
Concen: 49.766 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



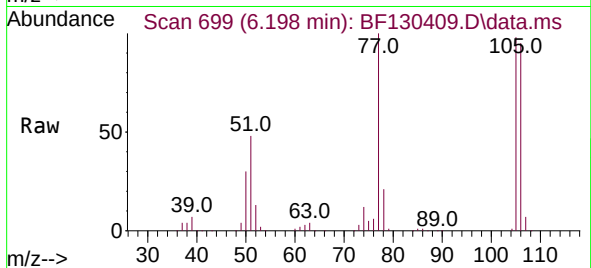
Tgt Ion:128 Resp: 361766
Ion Ratio Lower Upper
128 100
130 33.0 12.4 52.4
64 42.9 31.6 71.6





#9
Benzaldehyde
Concen: 36.991 ng
RT: 6.198 min Scan# 64
Delta R.T. -0.000 min
Lab File: BF130409.D
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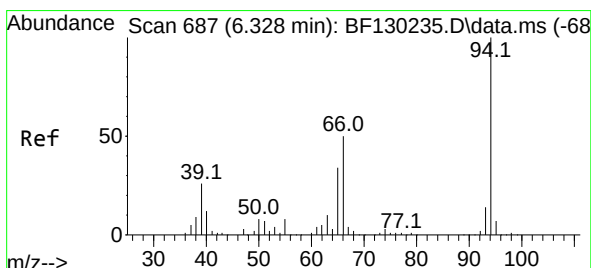
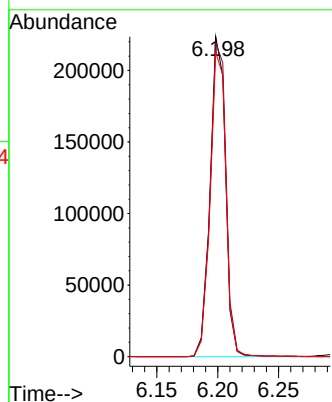
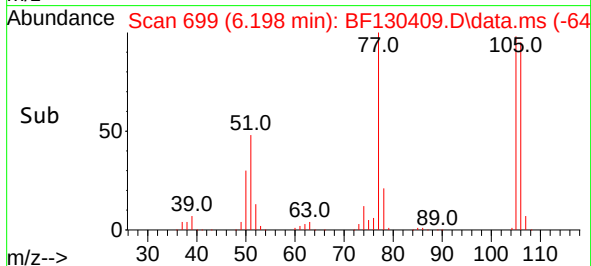
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Tgt Ion: 77 Resp: 197845
Ion Ratio Lower Upper
77 100
105 98.1 75.1 115.1
106 95.1 69.7 109.7

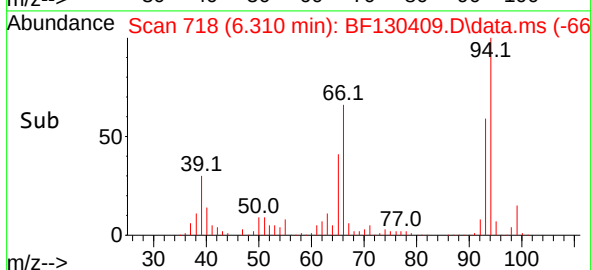
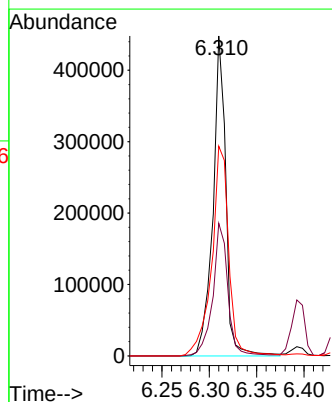
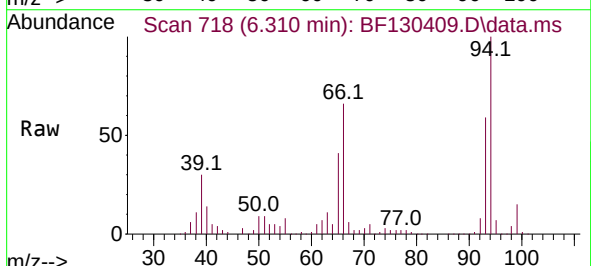
Manual Integrations
APPROVED

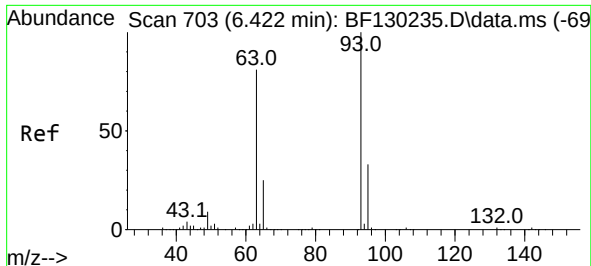
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#10
Phenol
Concen: 45.396 ng
RT: 6.310 min Scan# 718
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Tgt Ion: 94 Resp: 424778
Ion Ratio Lower Upper
94 100
65 41.4 14.1 54.1
66 65.5 28.1 68.1





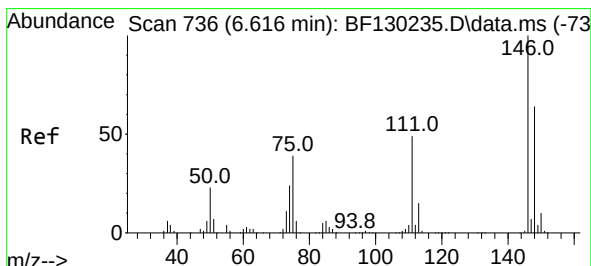
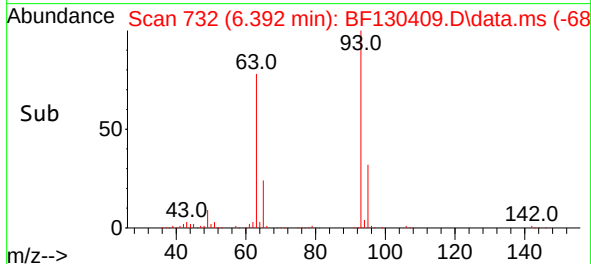
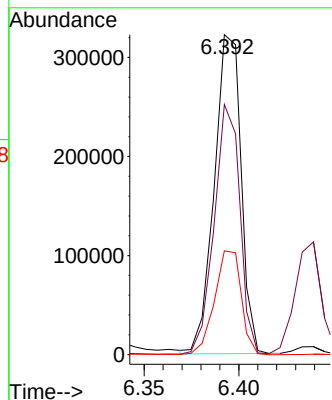
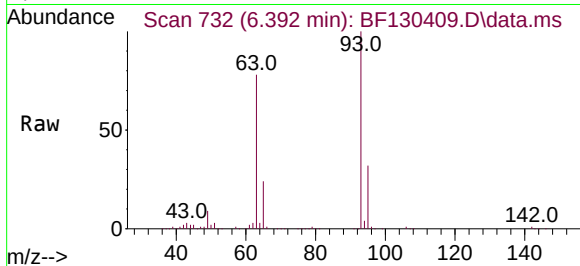
#11
bis(2-Chloroethyl)ether
Concen: 47.051 ng
RT: 6.392 min Scan# 732
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Instrument :
BNA_F
ClientSampleId :
PB147858BSD

Tgt Ion: 93 Resp: 317560
Ion Ratio Lower Upper
93 100
63 78.2 62.5 102.5
95 32.4 12.5 52.5

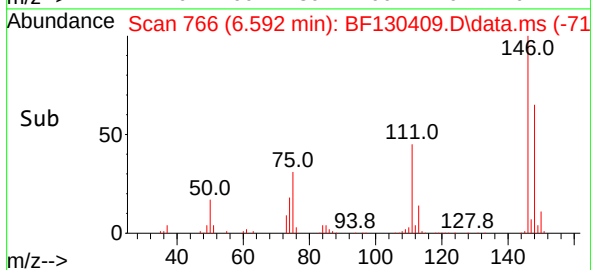
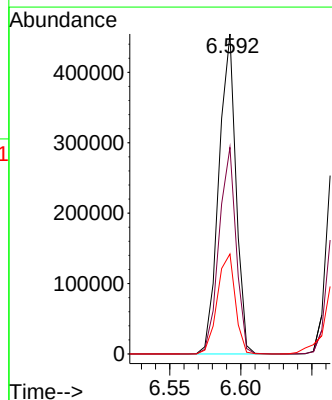
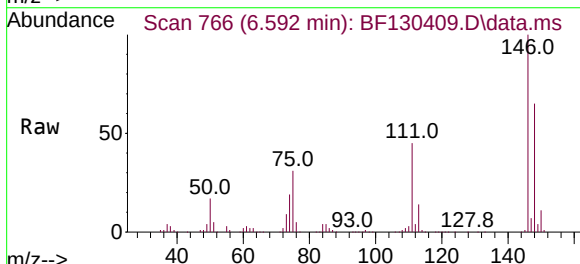
Manual Integrations
APPROVED

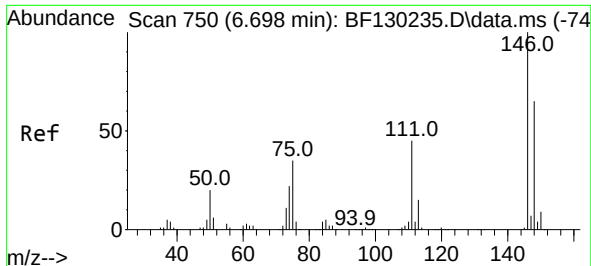
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#12
1,3-Dichlorobenzene
Concen: 47.555 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Tgt Ion:146 Resp: 380375
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 31.2 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 47.632 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

Tgt Ion:146 Resp: 388519

Ion Ratio Lower Upper

146 100

148 64.6 50.3 75.5

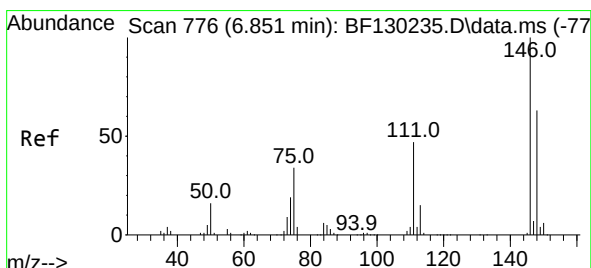
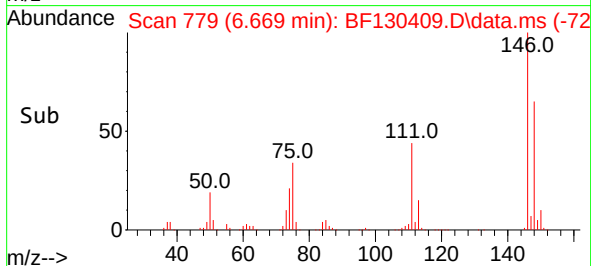
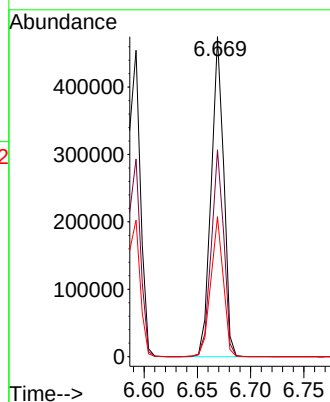
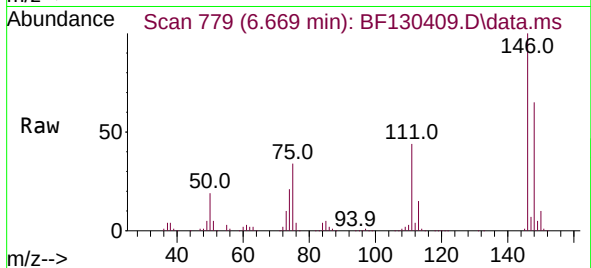
111 43.7 36.3 54.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#14

1,2-Dichlorobenzene

Concen: 48.298 ng

RT: 6.822 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

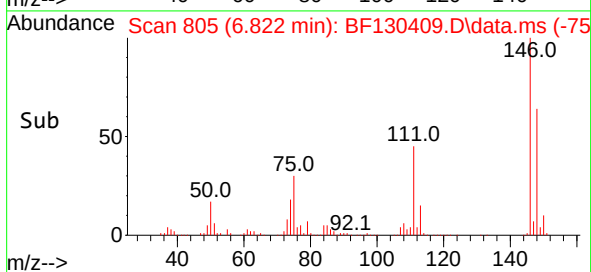
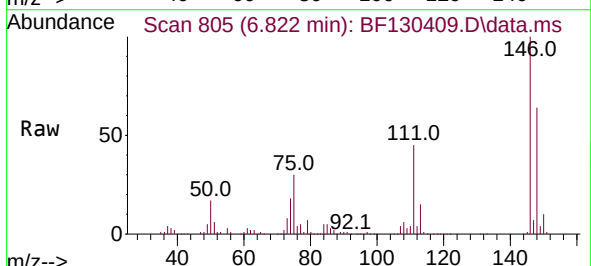
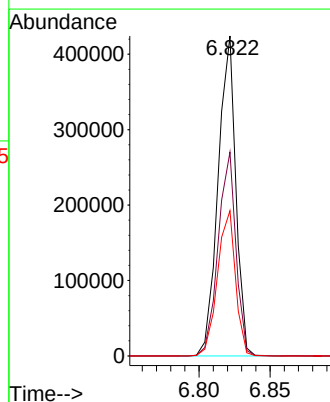
Tgt Ion:146 Resp: 368016

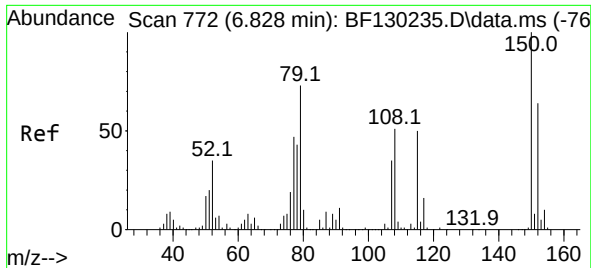
Ion Ratio Lower Upper

146 100

148 63.7 51.6 77.4

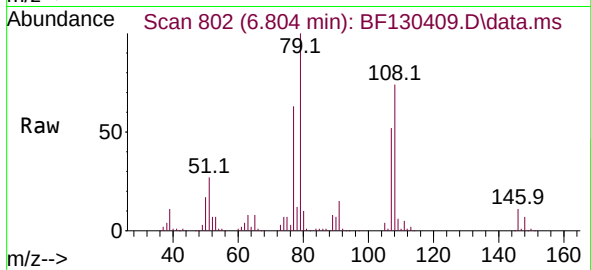
111 45.4 39.2 58.8





#15
Benzyl Alcohol
Concen: 37.449 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

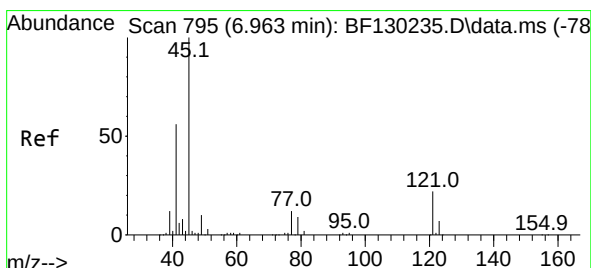
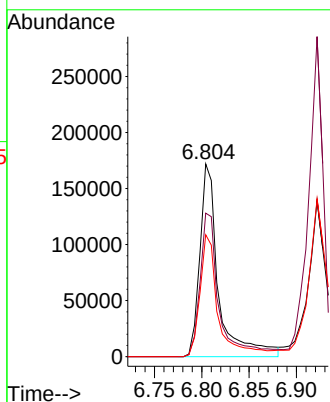
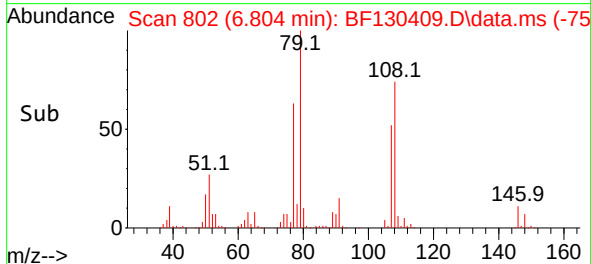
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



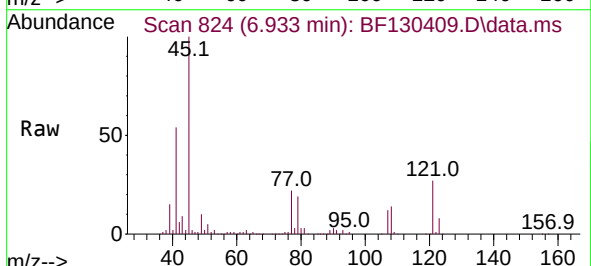
Tgt Ion: 79 Resp: 237079
Ion Ratio Lower Upper
79 100
108 74.5 54.0 81.0
77 63.2 51.3 76.9

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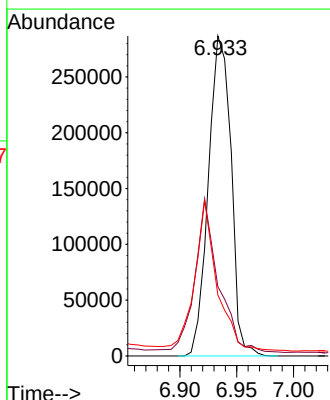
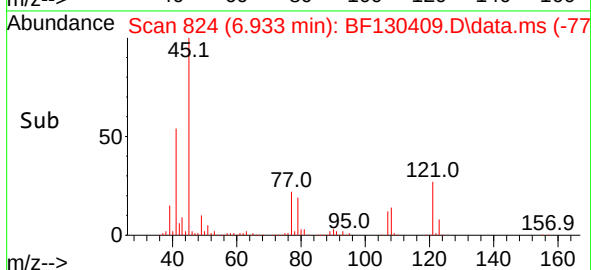
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

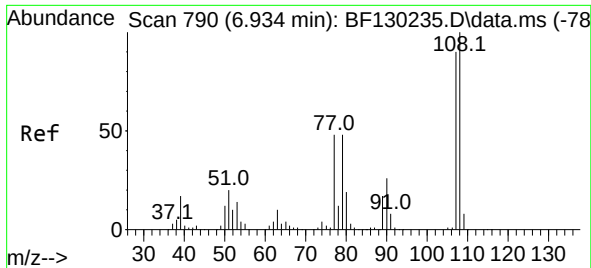


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.344 ng
RT: 6.933 min Scan# 824
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



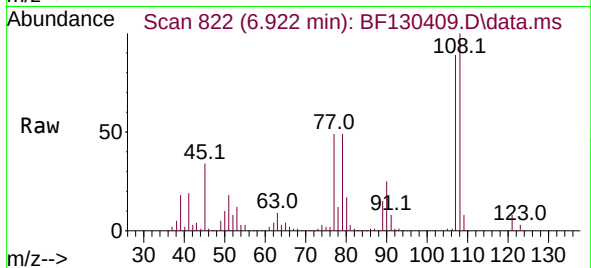
Tgt Ion: 45 Resp: 397142
Ion Ratio Lower Upper
45 100
77 21.6 0.0 34.9
79 19.0 0.0 31.0





#17
2-Methylphenol
Concen: 50.225 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

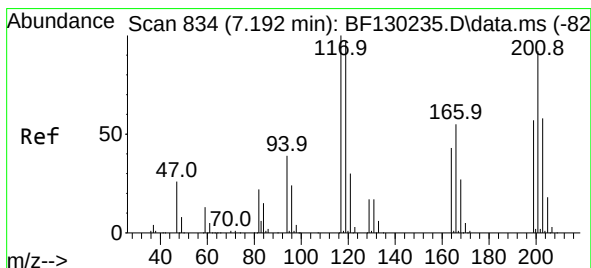
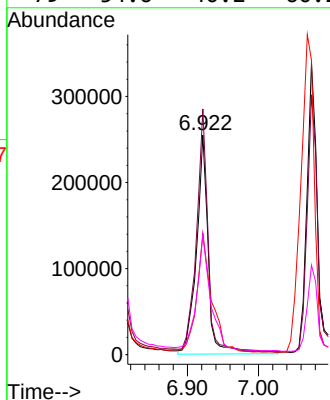
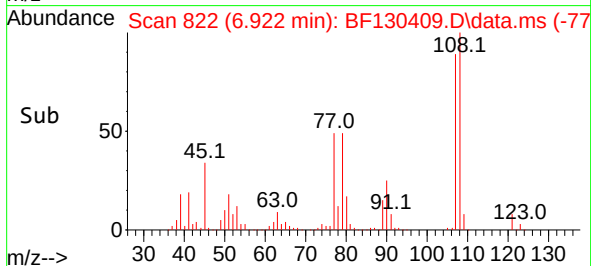
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



Tgt Ion:	107	Resp:	296793
Ion	Ratio	Lower	Upper
107	100		
108	111.9	89.4	134.0
77	55.2	40.6	60.8
79	54.6	40.2	60.2

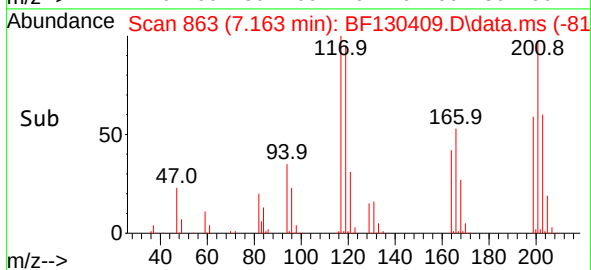
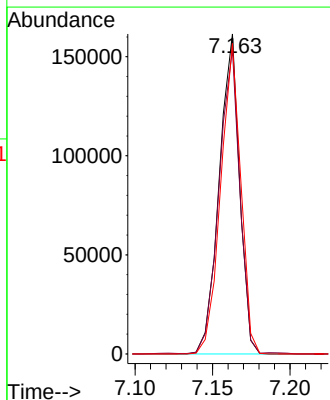
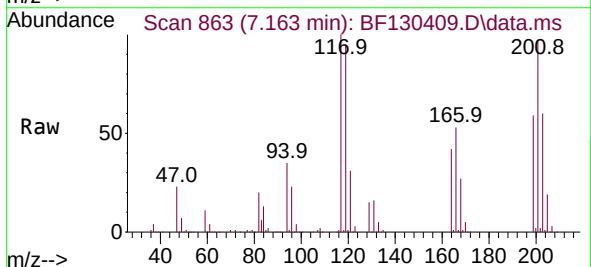
Manual Integrations
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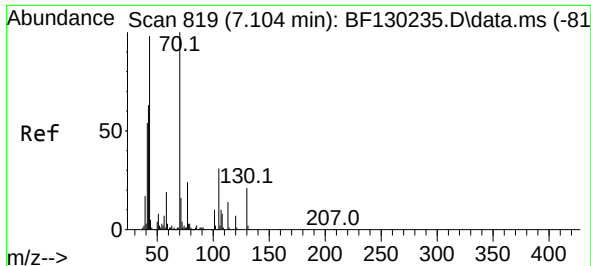
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#18
Hexachloroethane
Concen: 45.751 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

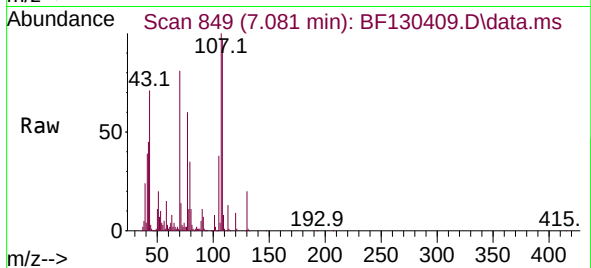
Tgt Ion:	117	Resp:	147101
Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.8	116.6
201	97.0	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.769 ng
RT: 7.081 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

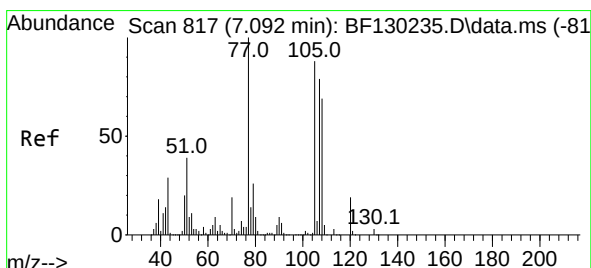
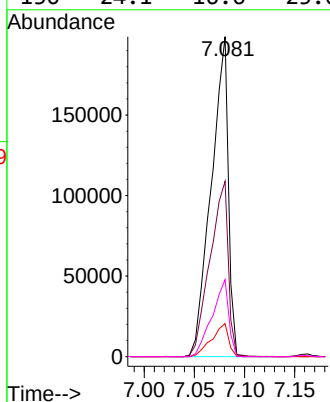
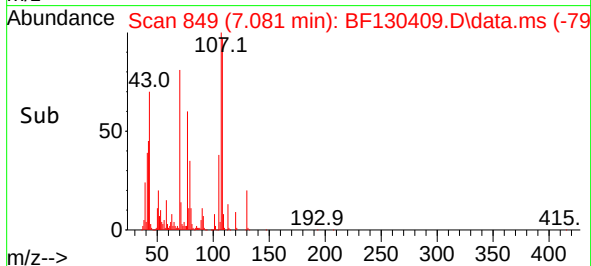
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



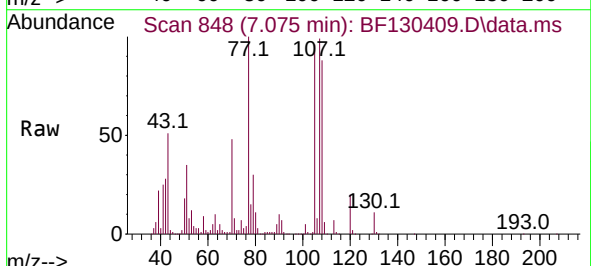
Tgt Ion: 70 Resp: 235822
Ion Ratio Lower Upper
70 100
42 54.8 50.8 76.2
101 10.4 8.2 12.4
130 24.1 16.6 25.0

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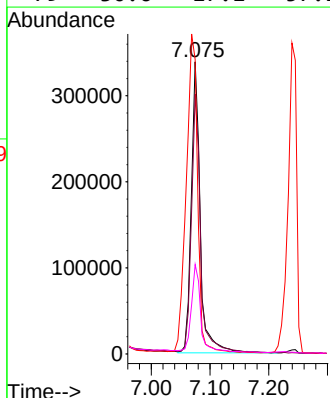
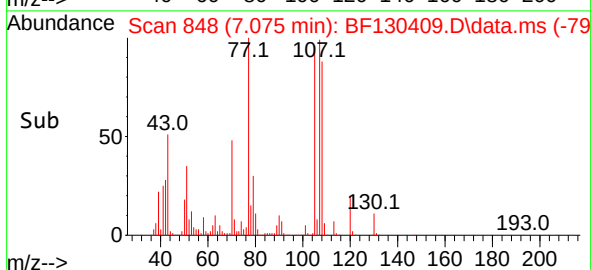
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

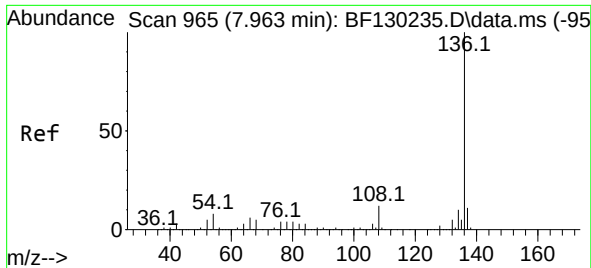


#20
3+4-Methylphenols
Concen: 46.974 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



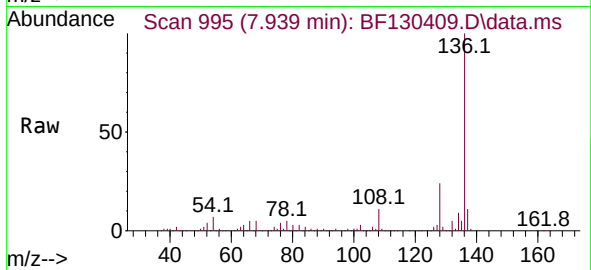
Tgt Ion:107 Resp: 360592
Ion Ratio Lower Upper
107 100
108 88.9 74.8 114.8
77 100.8 125.8 165.8#
79 30.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 94
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

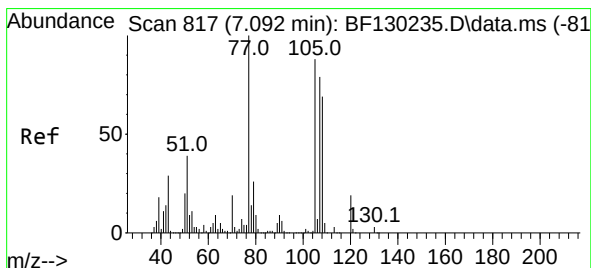
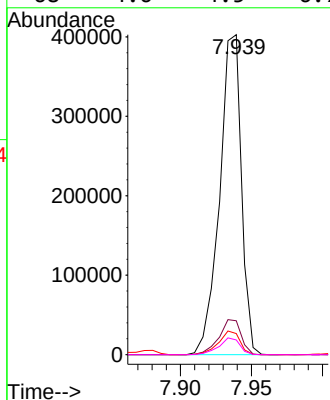
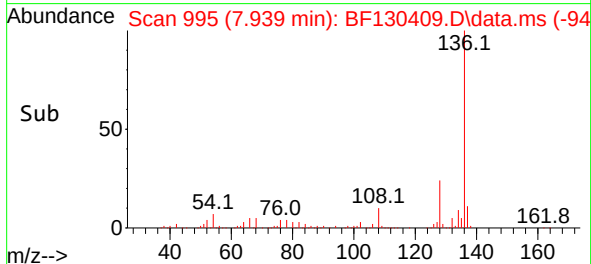
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



Tgt Ion:	136	Resp:	43104
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.1	13.7
54	6.6	7.1	10.7
68	4.6	4.5	6.7

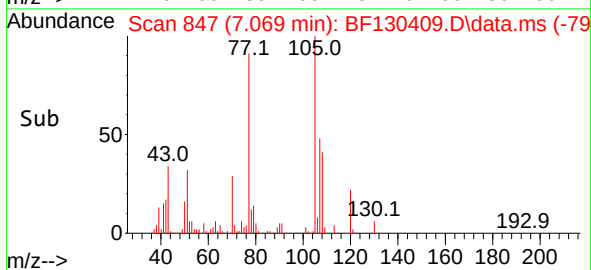
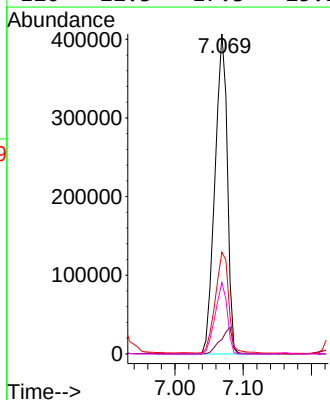
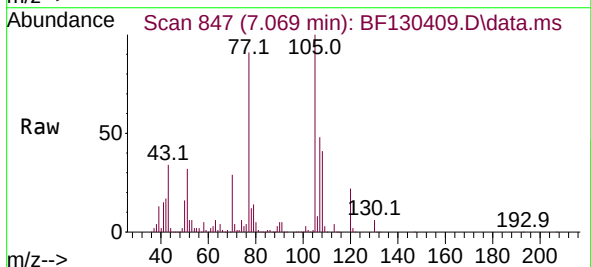
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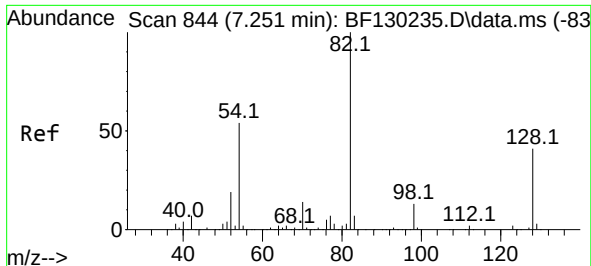
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#22
Acetophenone
Concen: 48.538 ng
RT: 7.069 min Scan# 847
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Tgt Ion:	105	Resp:	511510
Ion Ratio	Lower	Upper	
105	100		
71	4.5	3.9	5.9
51	31.8	32.2	48.2
120	22.3	17.3	25.9





#23

Nitrobenzene-d5

Concen: 86.218 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

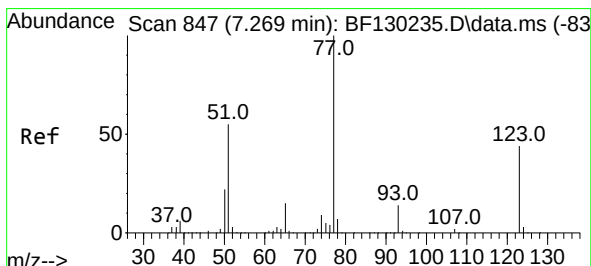
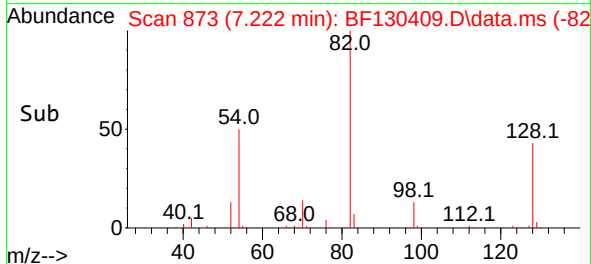
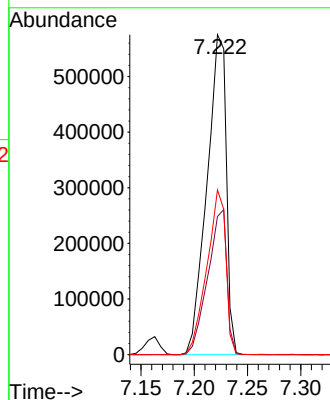
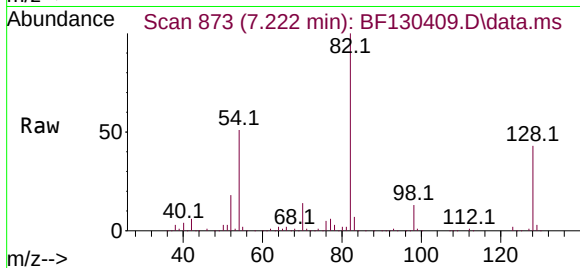
PB147858BSD

Tgt Ion: 82 Resp: 727436
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.6 49.0
 54 51.5 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: 43.209 ng

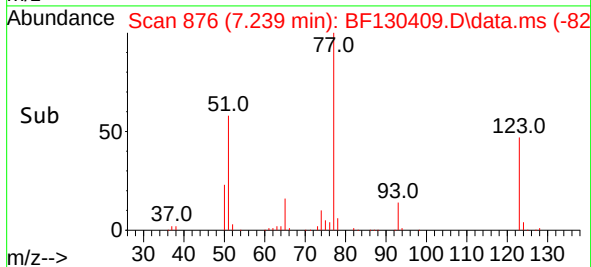
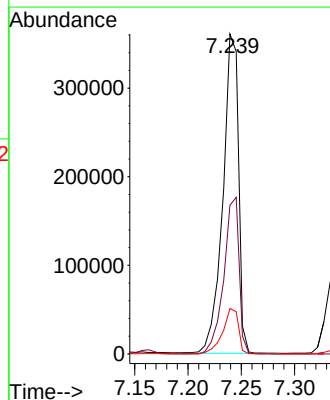
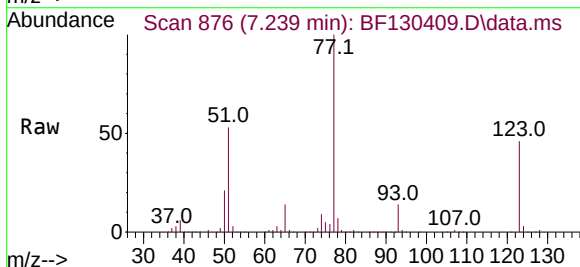
RT: 7.239 min Scan# 876

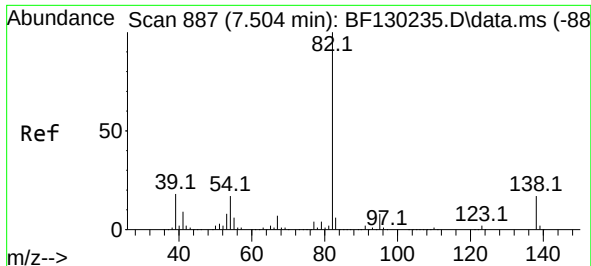
Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

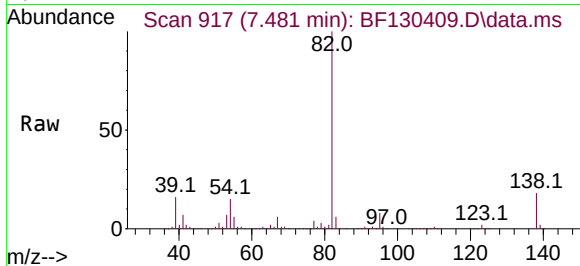
Tgt Ion: 77 Resp: 370171
 Ion Ratio Lower Upper
 77 100
 123 46.5 34.3 51.5
 65 14.2 12.0 18.0





#25
Isophorone
Concen: 48.018 ng
RT: 7.481 min Scan# 917
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

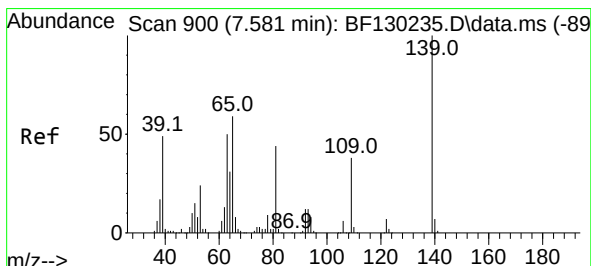
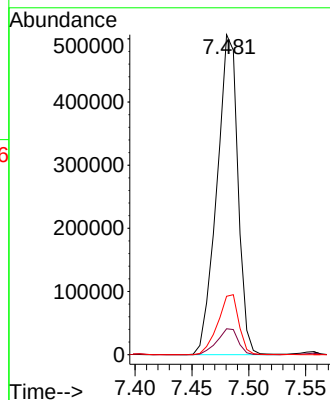
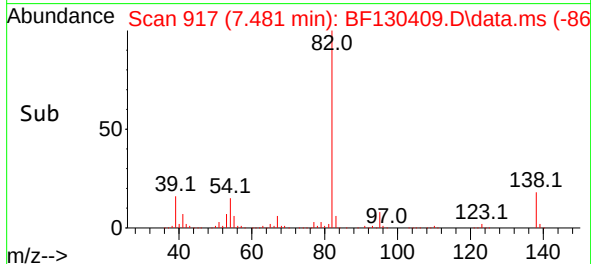
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



Tgt Ion: 82 Resp: 652972
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.2 13.8 20.6

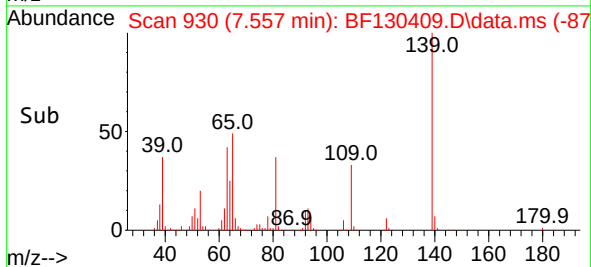
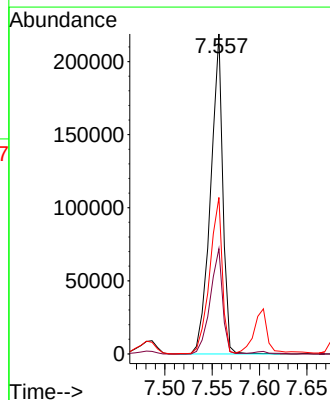
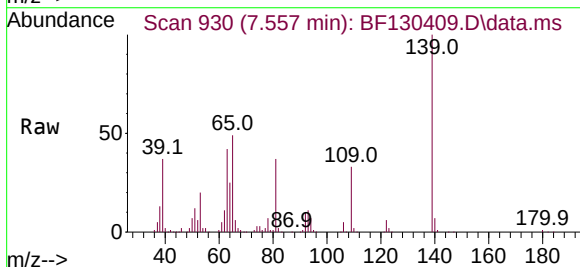
Manual Integrations
APPROVED

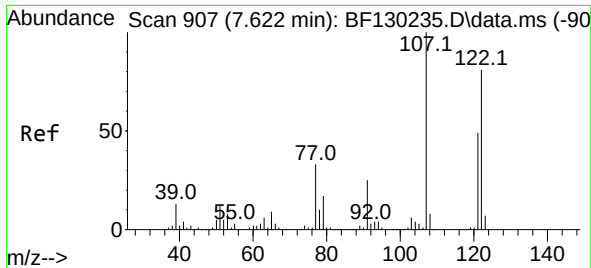
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#26
2-Nitrophenol
Concen: 55.905 ng
RT: 7.557 min Scan# 930
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

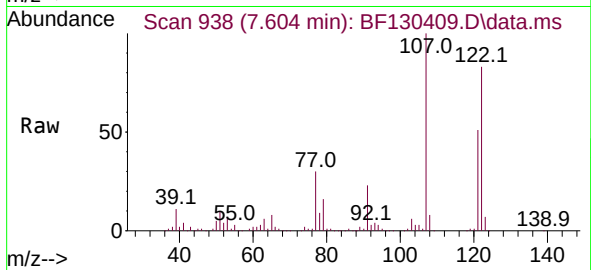
Tgt Ion:139 Resp: 196334
Ion Ratio Lower Upper
139 100
109 32.9 30.2 45.4
65 48.9 48.9 73.3





#27
2,4-Dimethylphenol
Concen: 52.961 ng
RT: 7.604 min Scan# 931
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

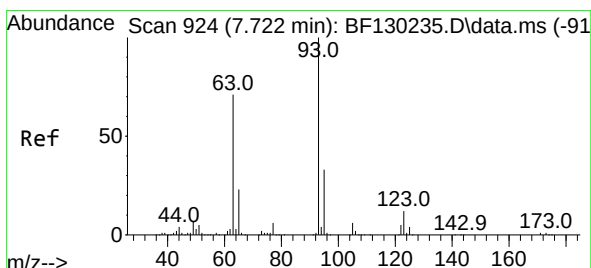
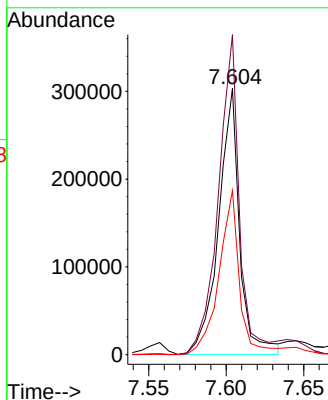
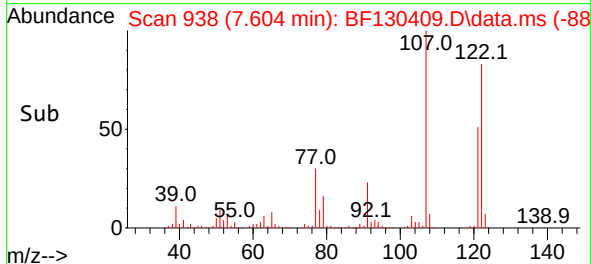
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



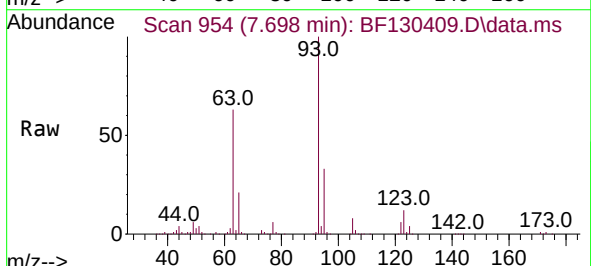
Tgt Ion:122 Resp: 286383
Ion Ratio Lower Upper
122 100
107 120.2 100.2 150.2
121 61.6 47.8 71.8

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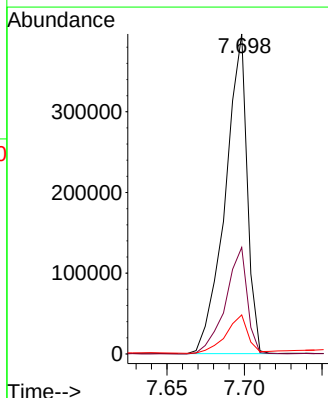
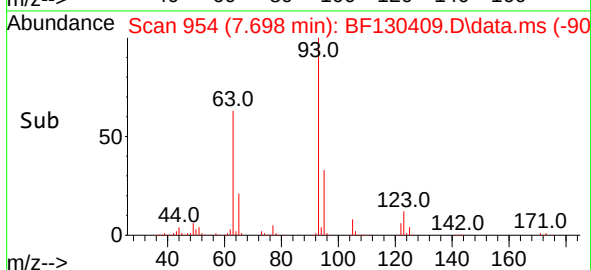
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

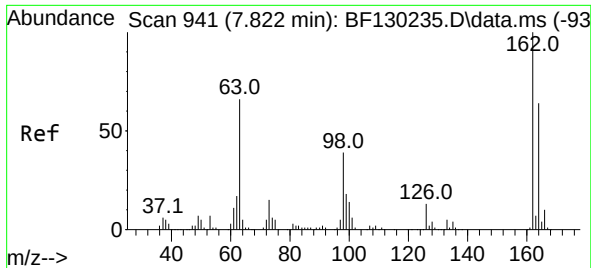


#28
bis(2-Chloroethoxy)methane
Concen: 50.909 ng
RT: 7.698 min Scan# 954
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion: 93 Resp: 389820
Ion Ratio Lower Upper
93 100
95 33.3 26.3 39.5
123 12.2 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 49.760 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

Tgt Ion:162 Resp: 294863

Ion Ratio Lower Upper

162 100

164 65.1 42.2 82.2

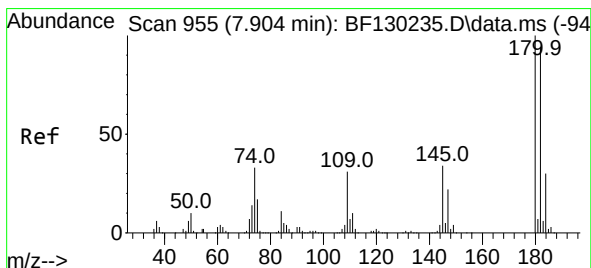
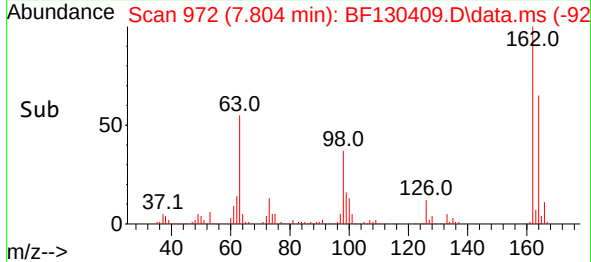
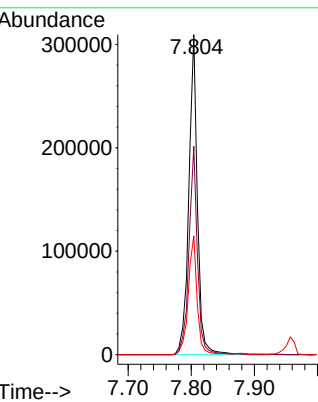
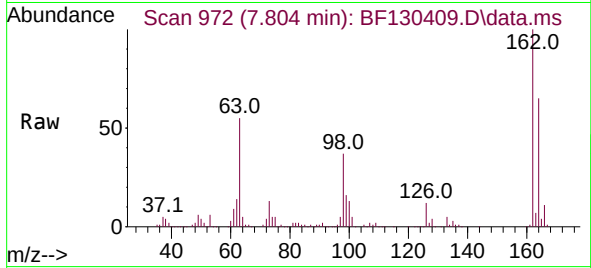
98 37.1 21.7 61.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#30

1,2,4-Trichlorobenzene

Concen: 47.975 ng

RT: 7.880 min Scan# 985

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

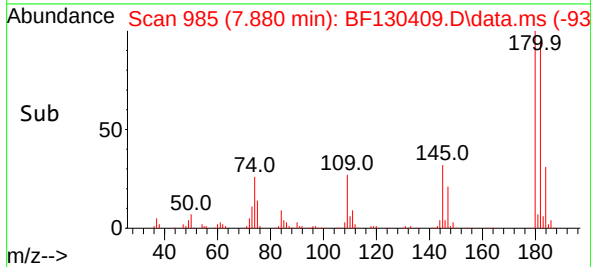
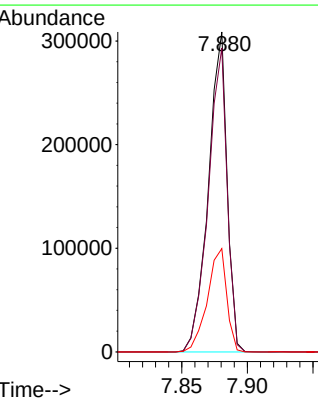
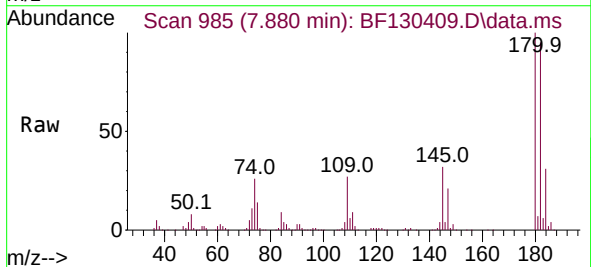
Tgt Ion:180 Resp: 307355

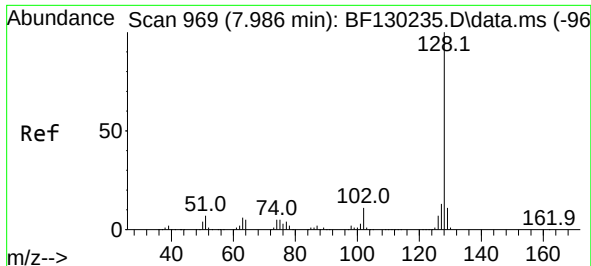
Ion Ratio Lower Upper

180 100

182 95.0 73.3 109.9

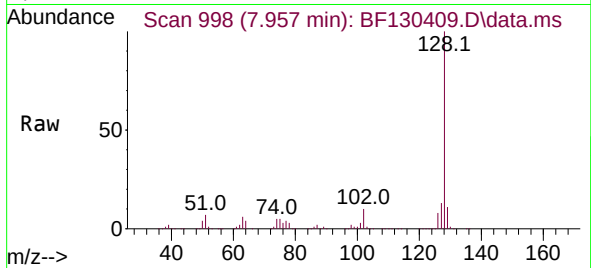
145 32.3 28.3 42.5





#31
Naphthalene
Concen: 46.071 ng
RT: 7.957 min Scan# 99
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

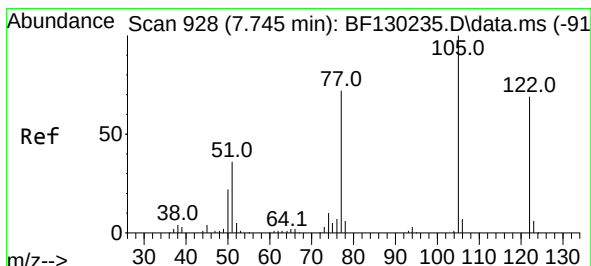
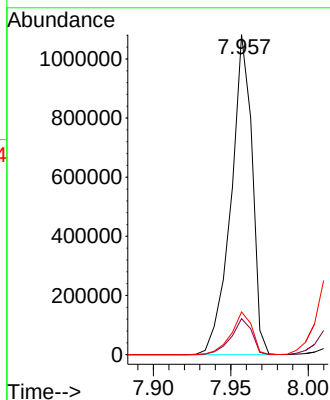
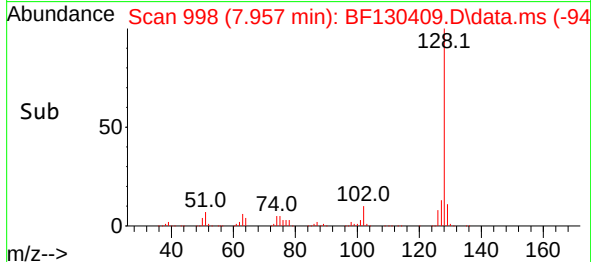
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



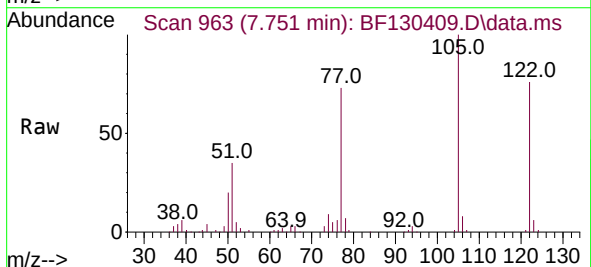
Tgt Ion:128 Resp: 1023095
Ion Ratio Lower Upper
128 100
129 11.2 9.1 13.7
127 13.3 10.6 16.0

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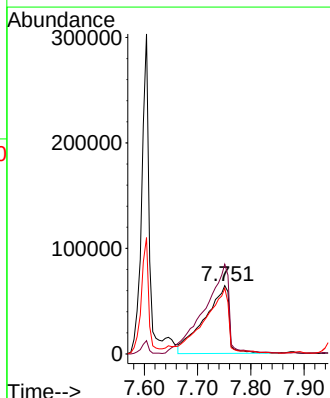
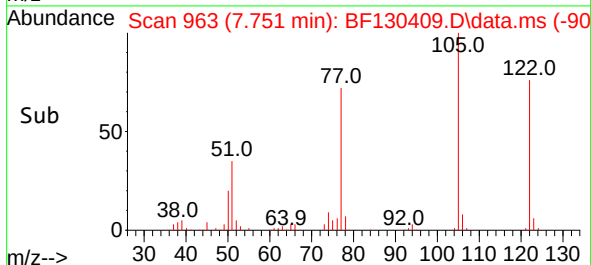
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

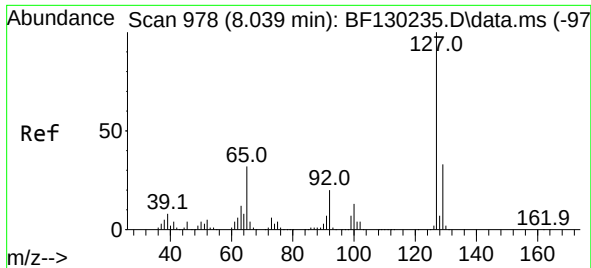


#32
Benzoic acid
Concen: 49.525 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.023 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion:122 Resp: 207097
Ion Ratio Lower Upper
122 100
105 131.3 112.9 152.9
77 96.1 82.8 122.8





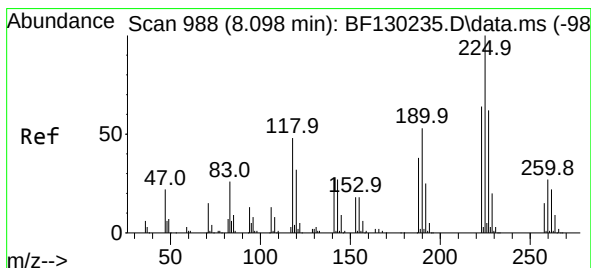
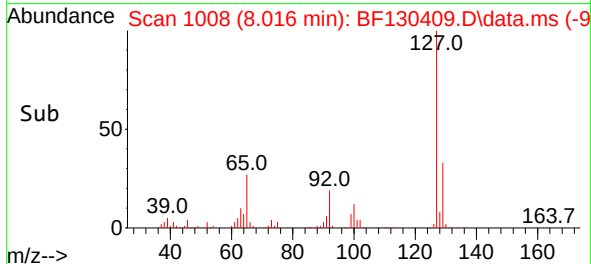
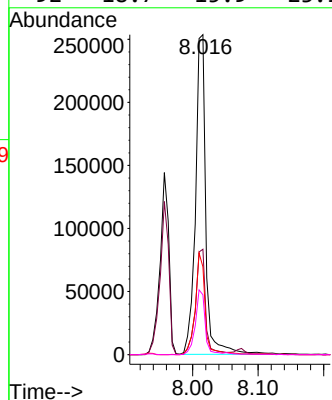
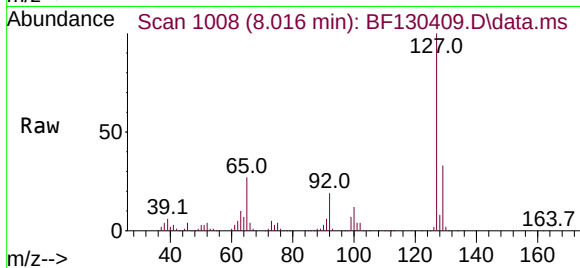
#33
4-Chloroaniline
Concen: 33.180 ng
RT: 8.016 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Instrument :
BNA_F
ClientSampleId :
PB147858BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.6	38.4
65	27.4	27.0	40.6
92	18.7	15.9	23.9

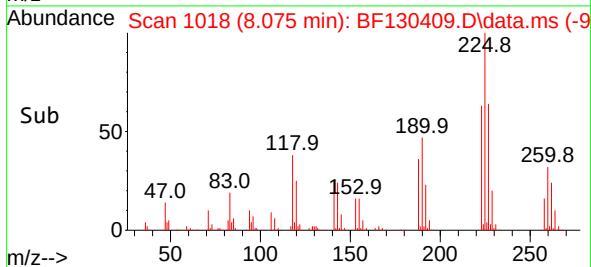
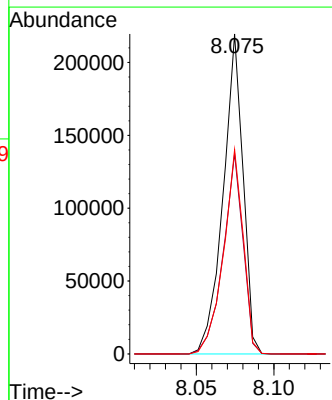
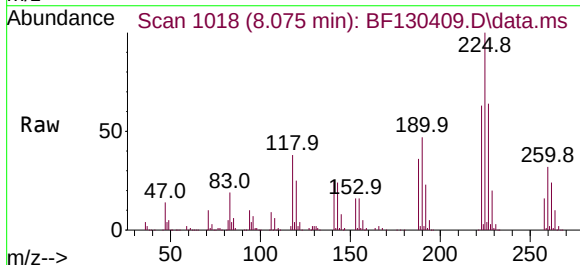
Manual Integrations
APPROVED

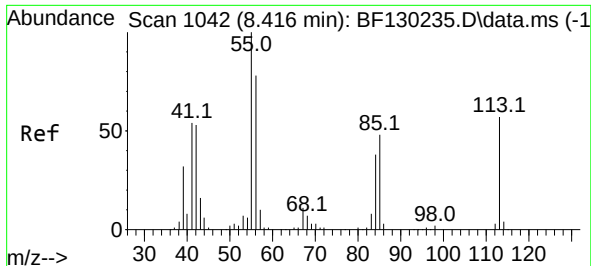
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#34
Hexachlorobutadiene
Concen: 48.086 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

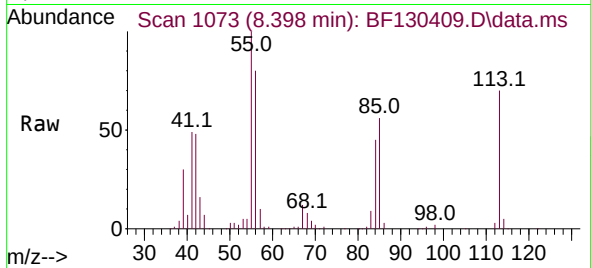
Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.3	75.5
227	63.9	51.1	76.7





#35
 Caprolactam
 Concen: 54.123 ng m
 RT: 8.398 min Scan# 1092
 Delta R.T. 0.012 min
 Lab File: BF130409.D
 Acq: 26 Sep 2022 15:32

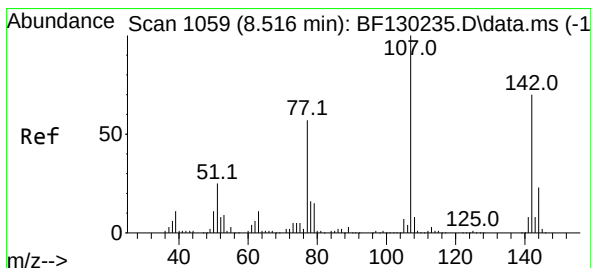
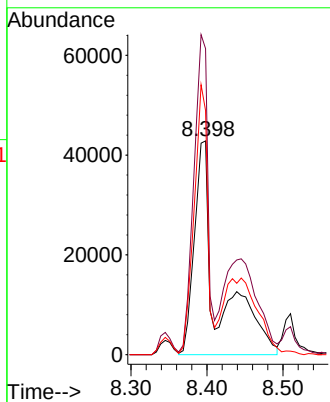
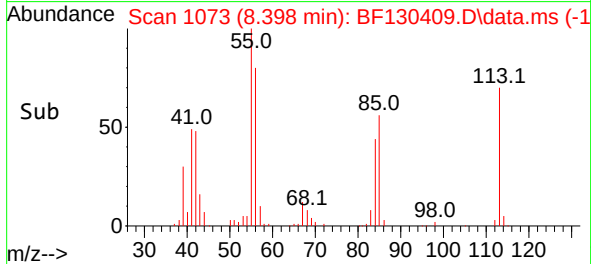
Instrument :
 BNA_F
 ClientSampleId :
 PB147858BSD



Tgt Ion:113 Resp: 91942
 Ion Ratio Lower Upper
 113 100
 55 143.2 155.4 195.4
 56 114.3 120.4 160.4

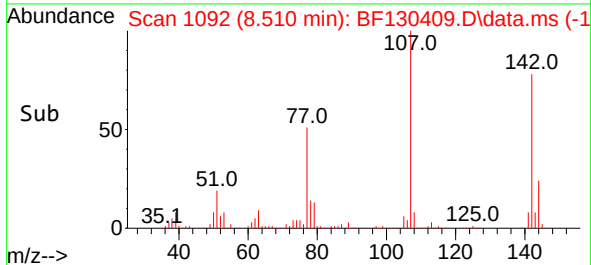
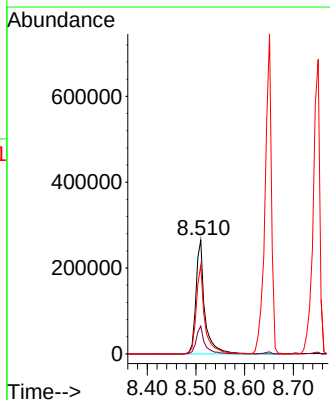
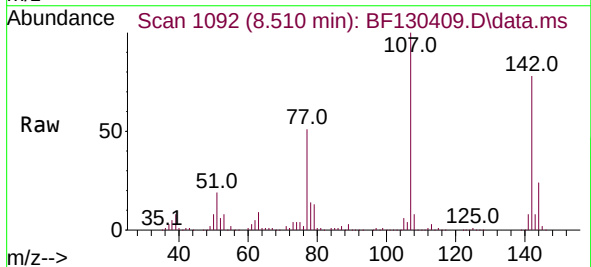
Manual Integrations
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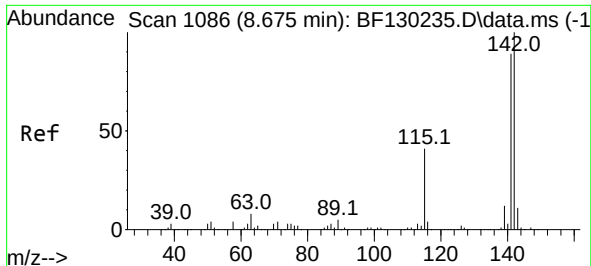
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022



#36
 4-Chloro-3-methylphenol
 Concen: 50.105 ng
 RT: 8.510 min Scan# 1092
 Delta R.T. 0.006 min
 Lab File: BF130409.D
 Acq: 26 Sep 2022 15:32

Tgt Ion:107 Resp: 329092
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.0 30.0
 142 77.9 61.3 91.9





#37

2-Methylnaphthalene

Concen: 47.954 ng

RT: 8.651 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

Tgt Ion:142 Resp: 678963

Ion Ratio Lower Upper

142 100

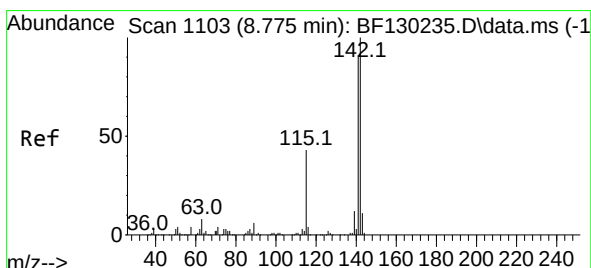
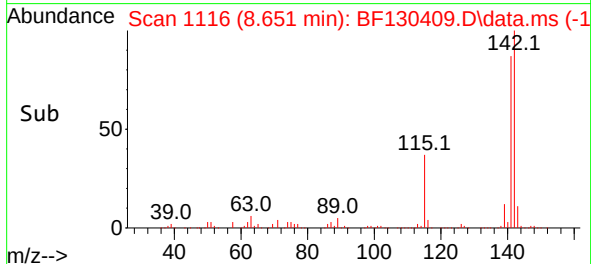
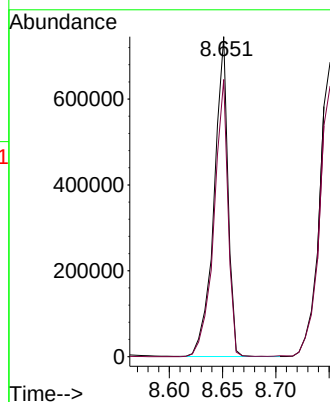
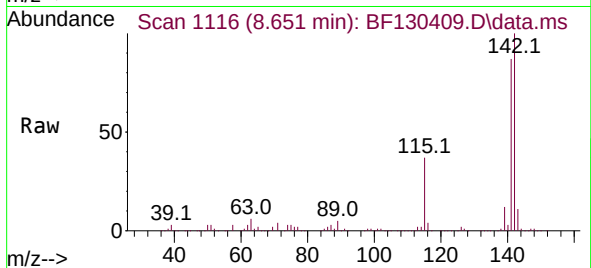
141 86.6 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#38

1-Methylnaphthalene

Concen: 46.893 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF130409.D

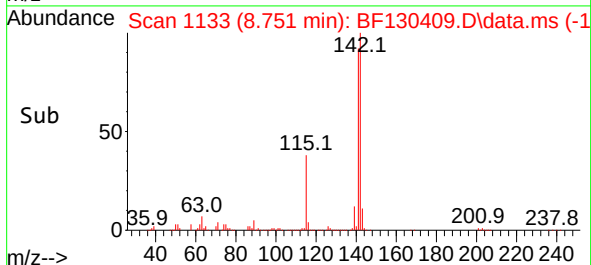
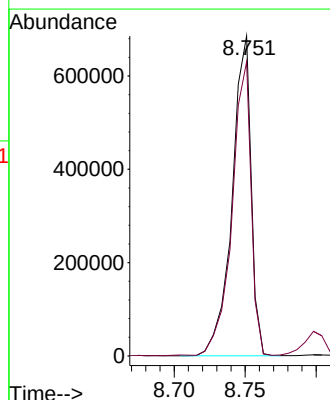
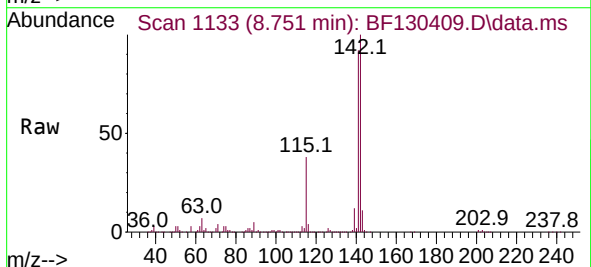
Acq: 26 Sep 2022 15:32

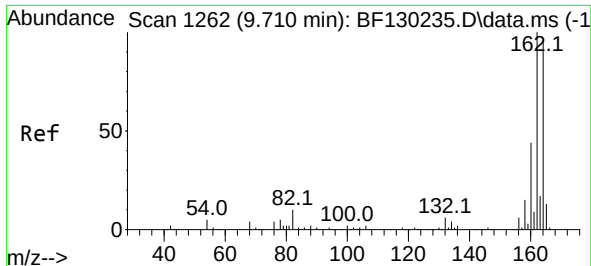
Tgt Ion:142 Resp: 637821

Ion Ratio Lower Upper

142 100

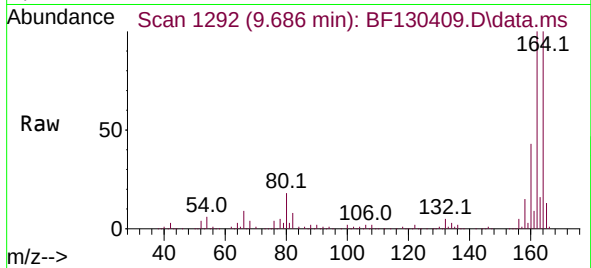
141 91.9 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.686 min Scan# 1129
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

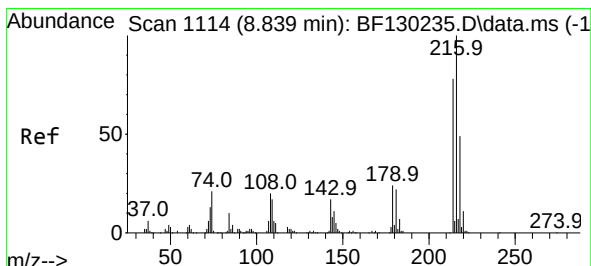
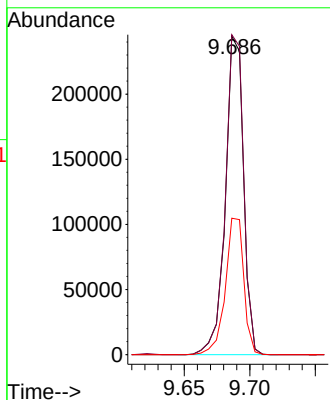
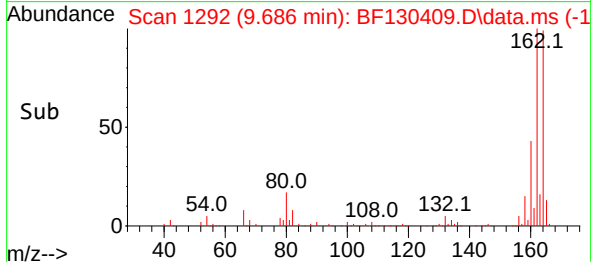
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



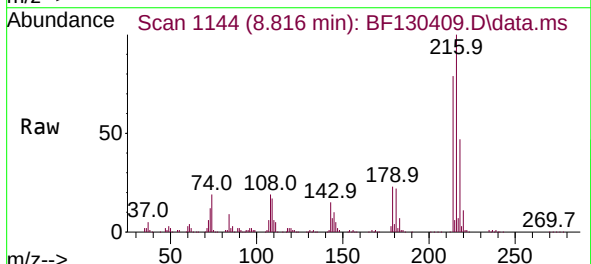
Tgt Ion:164 Resp: 235927
Ion Ratio Lower Upper
164 100
162 100.5 81.4 122.0
160 42.9 36.2 54.4

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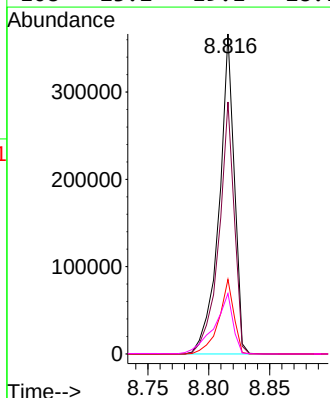
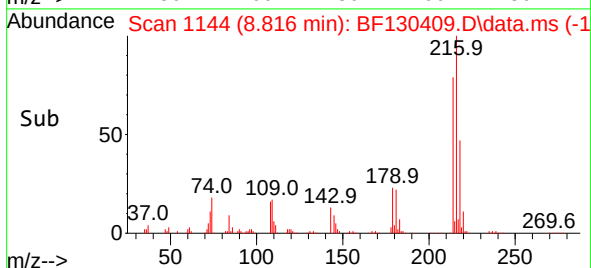
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

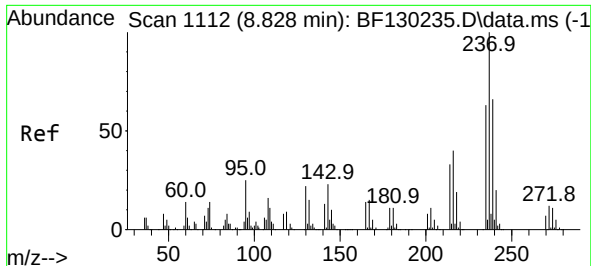


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.286 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



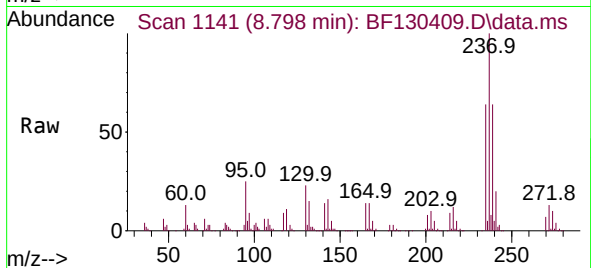
Tgt Ion:216 Resp: 317330
Ion Ratio Lower Upper
216 100
214 78.9 62.8 94.2
179 22.9 19.5 29.3
108 23.2 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 113.486 ng
RT: 8.798 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

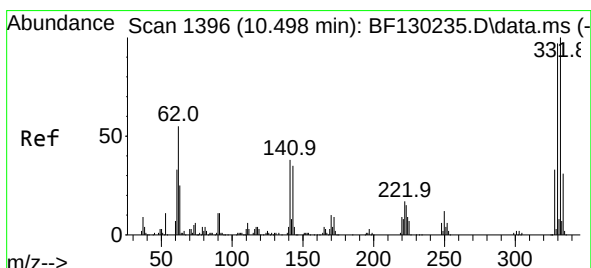
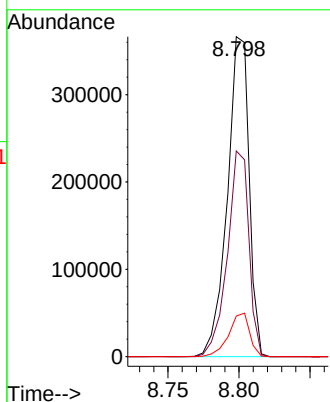
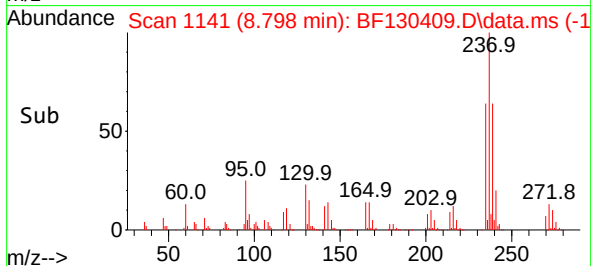
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



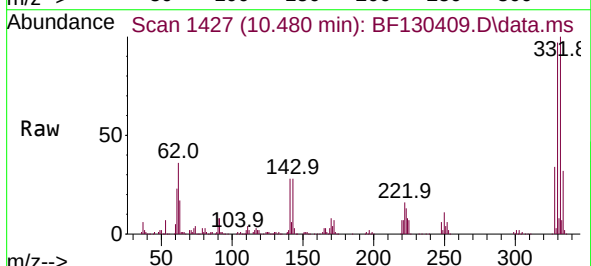
Tgt Ion:237 Resp: 391203
Ion Ratio Lower Upper
237 100
235 64.3 42.5 82.5
272 12.7 0.0 32.8

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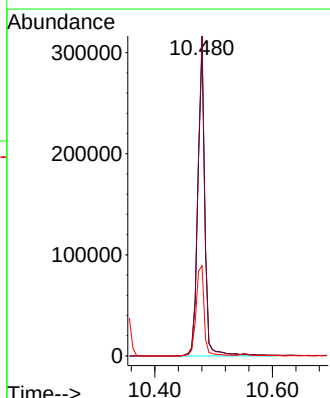
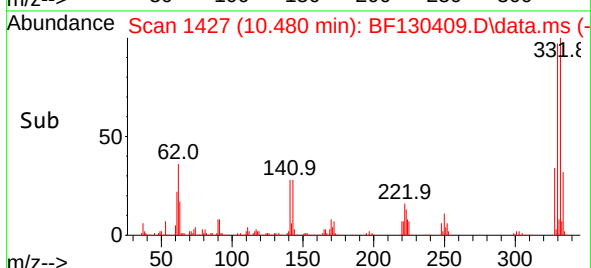
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

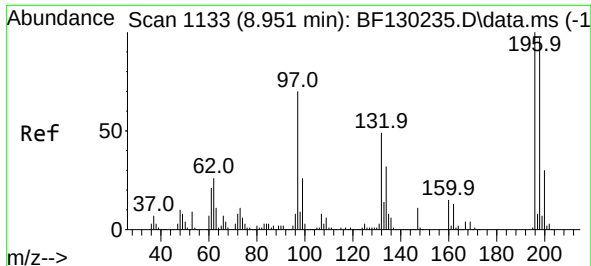


#42
2,4,6-Tribromophenol
Concen: 111.760 ng
RT: 10.480 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion:330 Resp: 252647
Ion Ratio Lower Upper
330 100
332 101.6 83.4 125.2
141 33.8 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 47.603 ng

RT: 8.933 min Scan# 1117

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

Tgt Ion:196 Resp: 213906

Ion Ratio Lower Upper

196 100

198 95.7 72.4 108.6

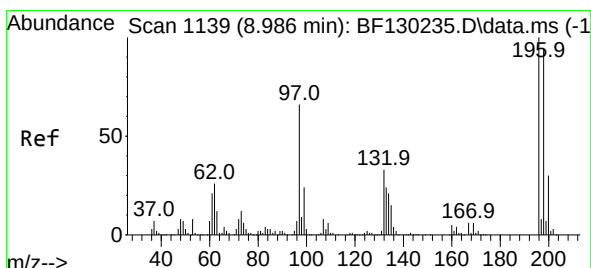
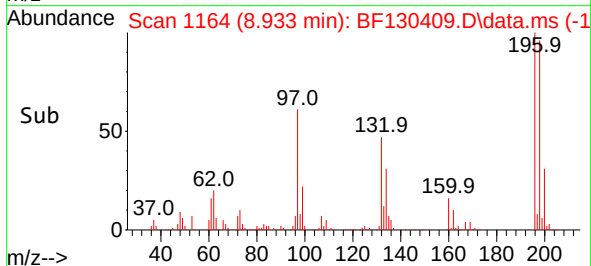
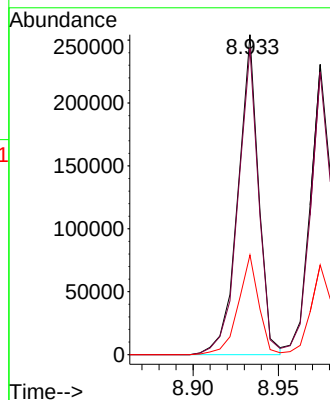
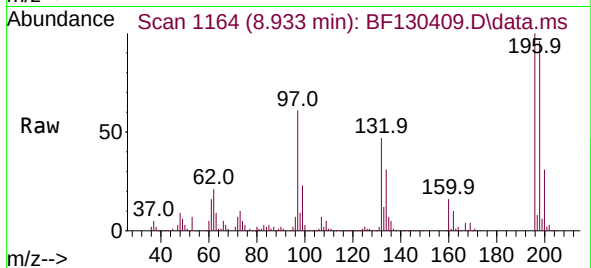
200 31.1 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#44

2,4,5-Trichlorophenol

Concen: 48.509 ng

RT: 8.975 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Tgt Ion:196 Resp: 235220

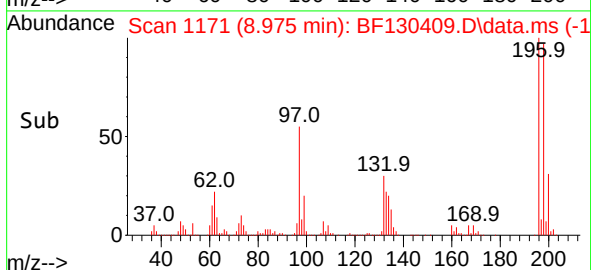
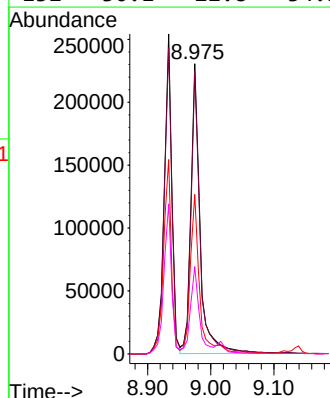
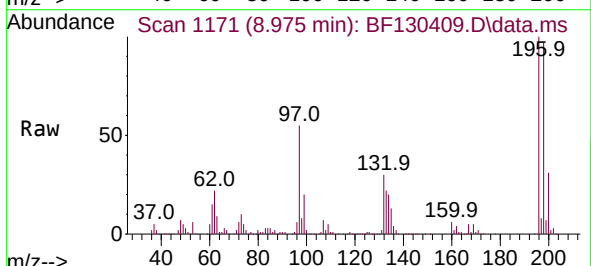
Ion Ratio Lower Upper

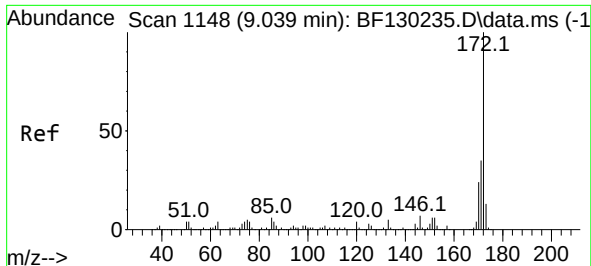
196 100

198 97.3 74.8 112.2

97 54.9 43.7 65.5

132 30.1 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 87.583 ng

RT: 9.016 min Scan# 1118

Delta R.T. -0.000 min

Lab File: BF130409.D

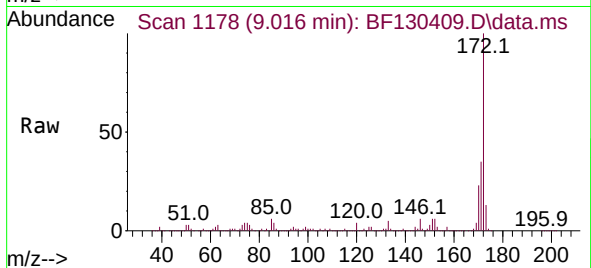
Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD



Tgt Ion:172 Resp: 1418985

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

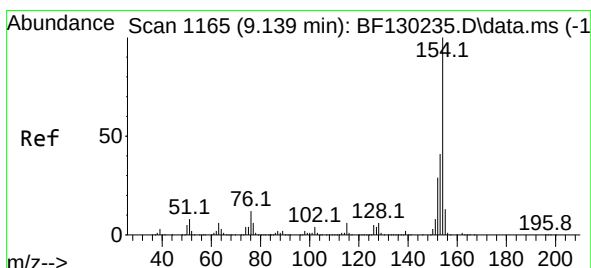
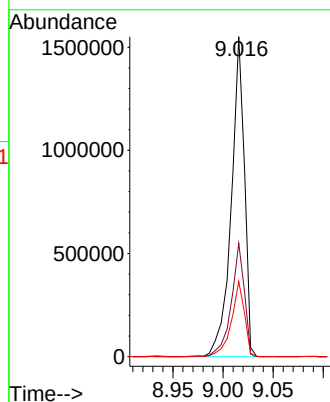
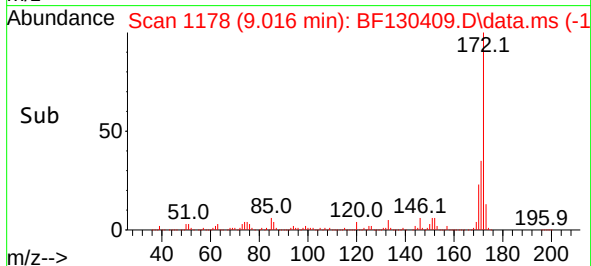
170 23.5 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#46

1,1'-Biphenyl

Concen: 46.856 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

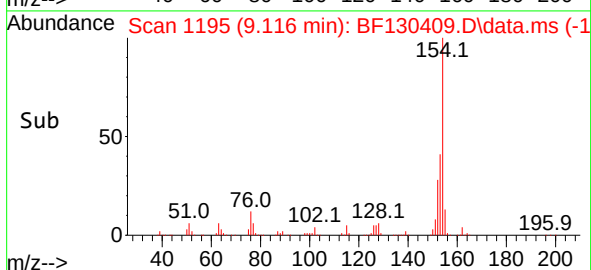
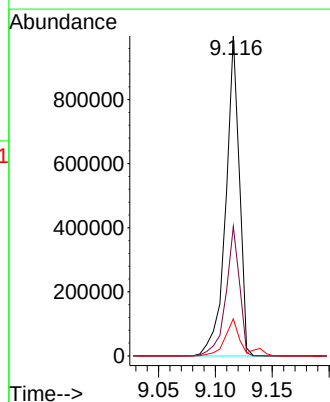
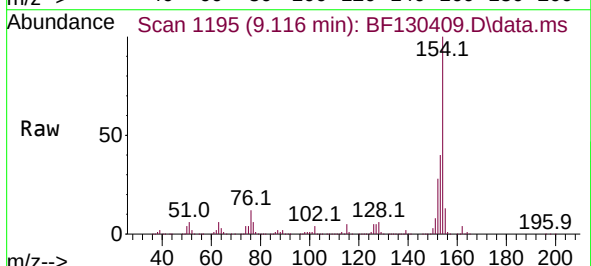
Tgt Ion:154 Resp: 825598

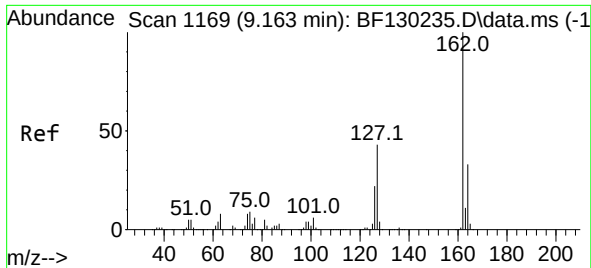
Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

76 11.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 45.546 ng

RT: 9.139 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

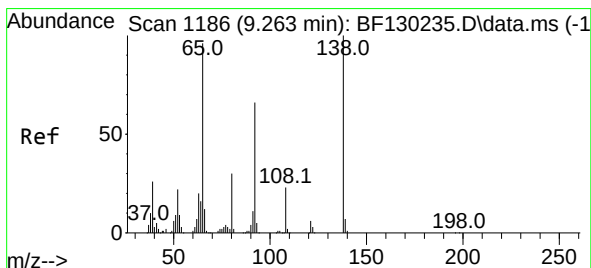
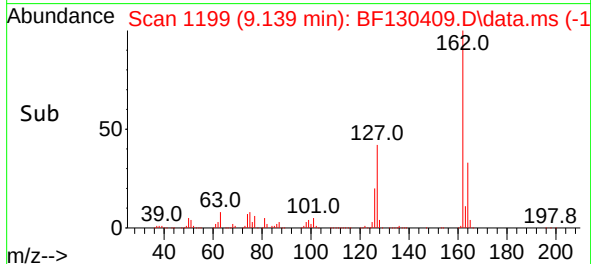
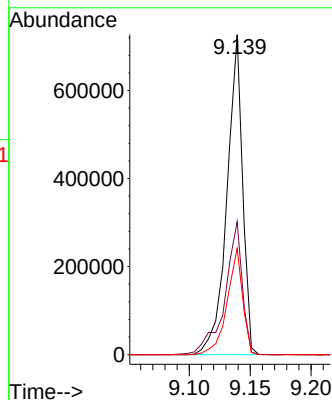
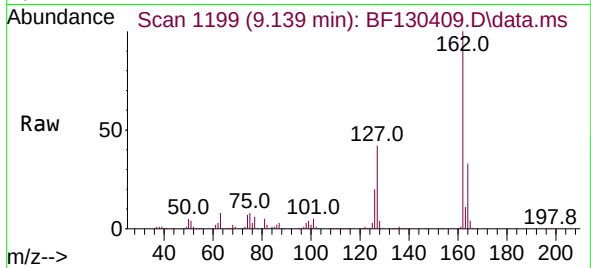
Tgt Ion:162 Resp: 649193
 Ion Ratio Lower Upper
 162 100
 127 41.5 35.9 53.9
 164 33.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#48

2-Nitroaniline

Concen: 42.064 ng

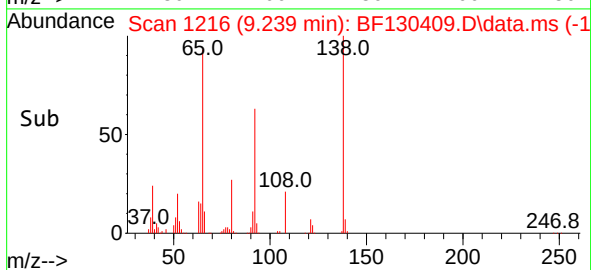
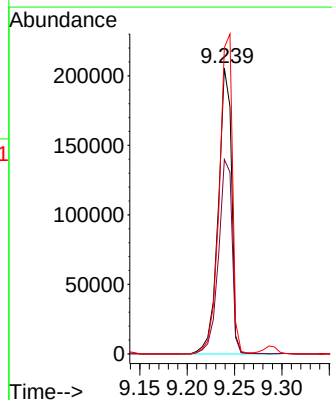
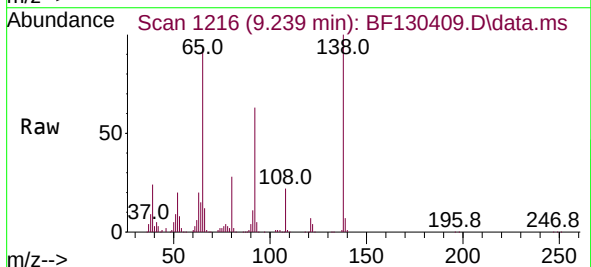
RT: 9.239 min Scan# 1216

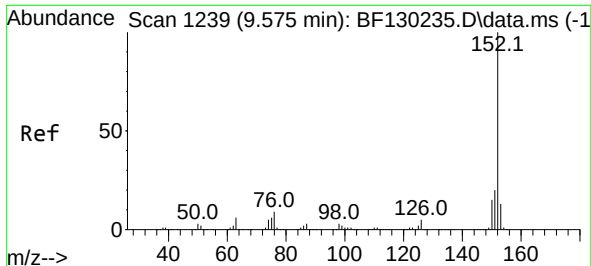
Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Tgt Ion: 65 Resp: 199972
 Ion Ratio Lower Upper
 65 100
 92 68.0 52.2 78.4
 138 107.2 77.0 115.4





#49

Acenaphthylene

Concen: 45.548 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.000 min

Lab File: BF130409.D

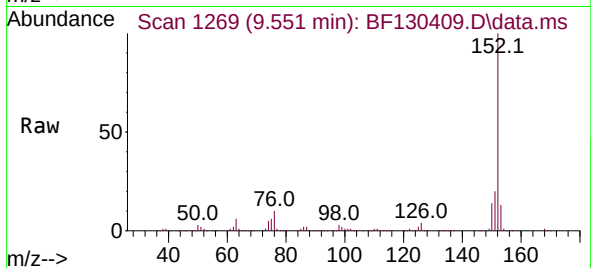
Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

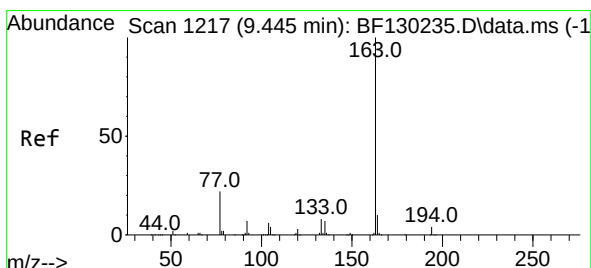
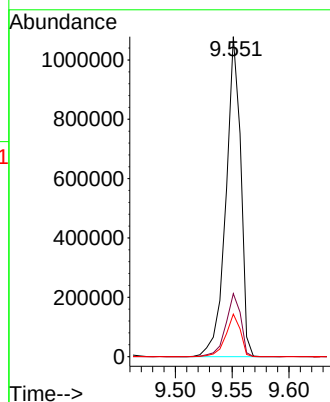
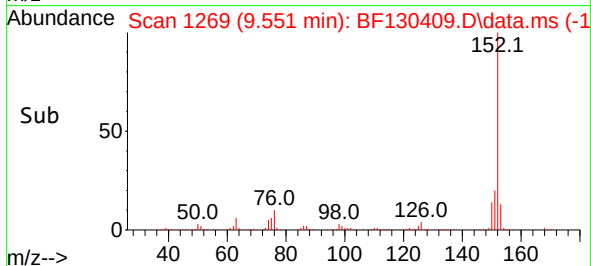


Tgt Ion:	152	Resp:	973413
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.2	24.2
153	13.3	10.6	15.8

Manual Integrations

APPROVED

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



#50

Dimethylphthalate

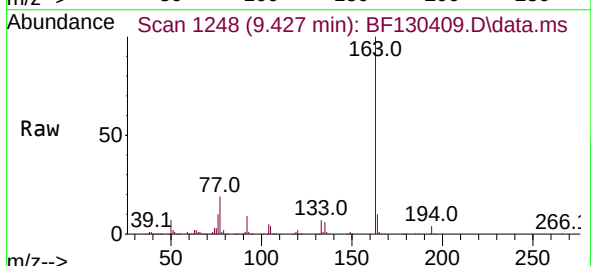
Concen: 46.654 ng

RT: 9.427 min Scan# 1248

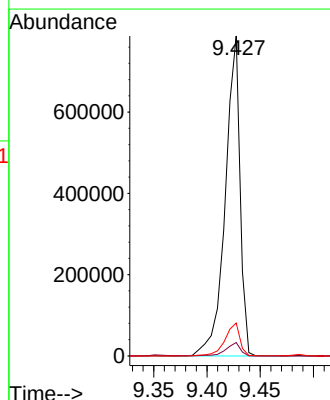
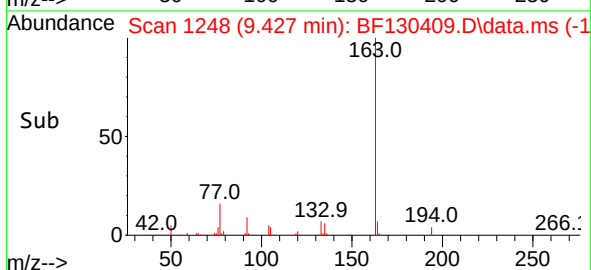
Delta R.T. 0.006 min

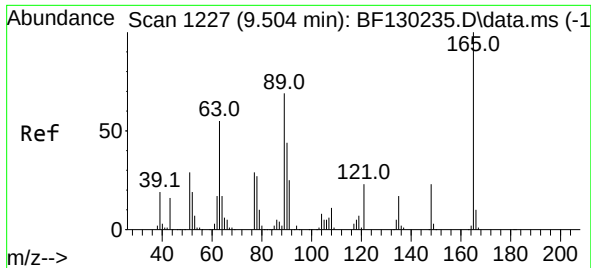
Lab File: BF130409.D

Acq: 26 Sep 2022 15:32



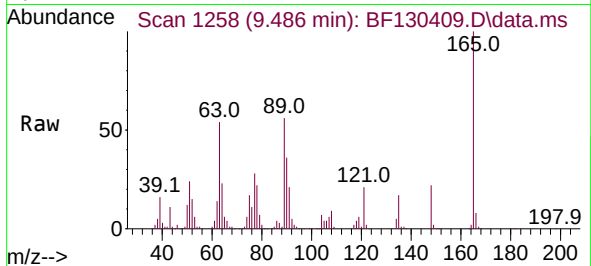
Tgt Ion:	163	Resp:	760309
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.8	4.2
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 50.646 ng
RT: 9.486 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

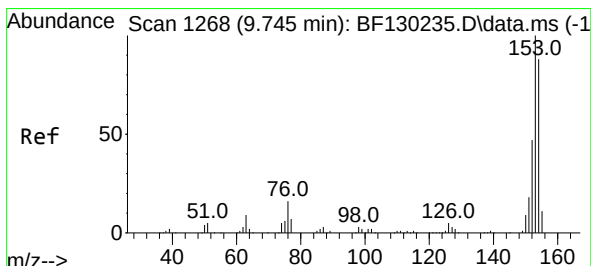
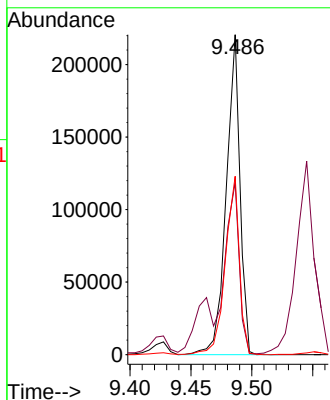
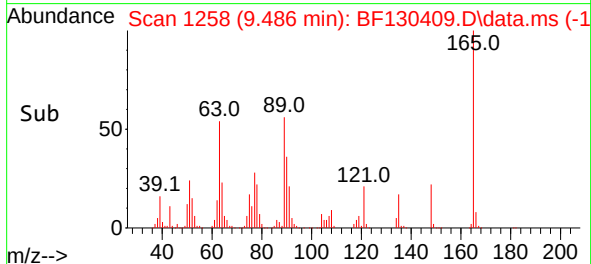
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



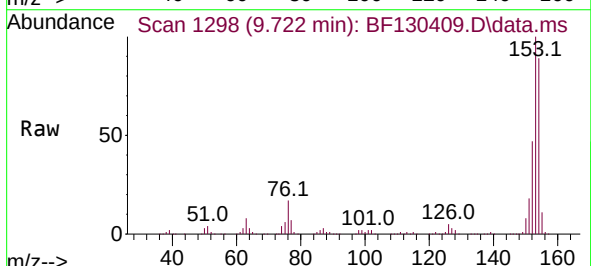
Tgt Ion:165 Resp: 172616
Ion Ratio Lower Upper
165 100
63 53.8 58.8 88.2
89 55.7 54.5 81.7

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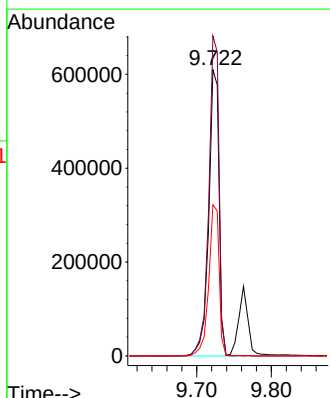
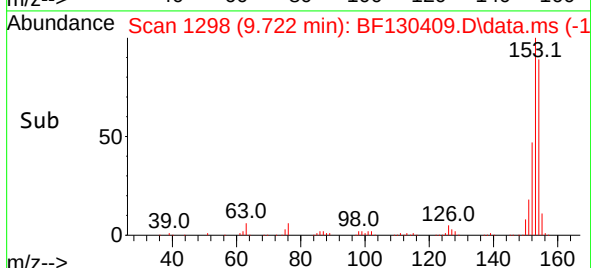
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

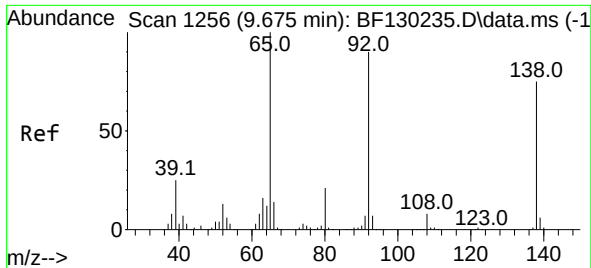


#52
Acenaphthene
Concen: 50.970 ng m
RT: 9.722 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



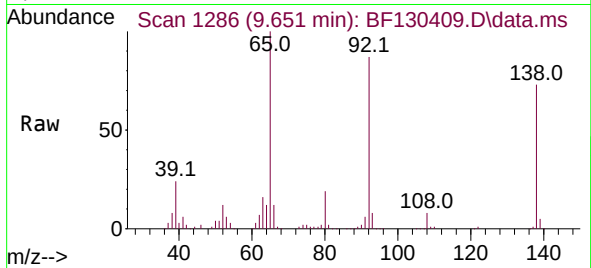
Tgt Ion:154 Resp: 715693
Ion Ratio Lower Upper
154 100
153 111.9 90.6 136.0
152 52.9 43.8 65.6





#53
3-Nitroaniline
Concen: 32.858 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

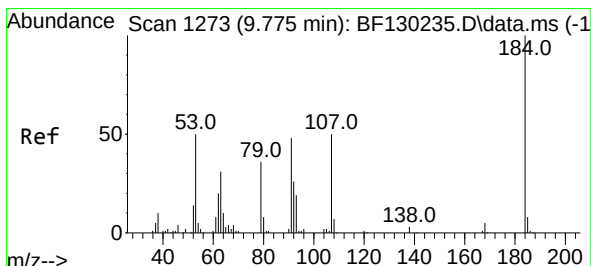
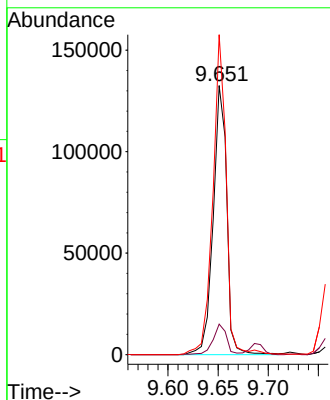
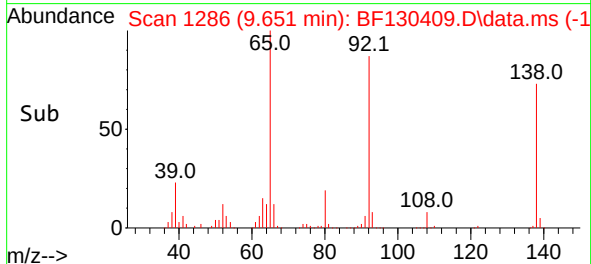
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



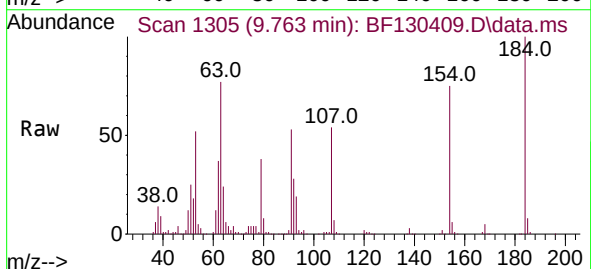
Tgt Ion:138 Resp: 124790
Ion Ratio Lower Upper
138 100
108 11.3 9.2 13.8
92 118.9 99.2 148.8

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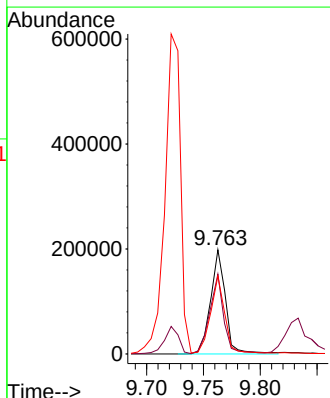
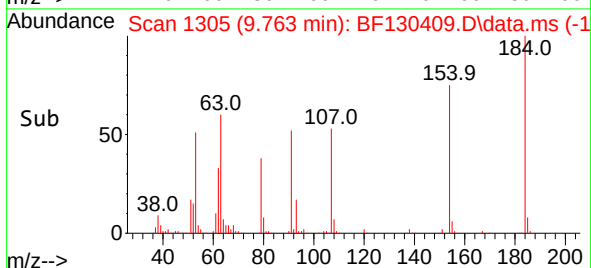
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

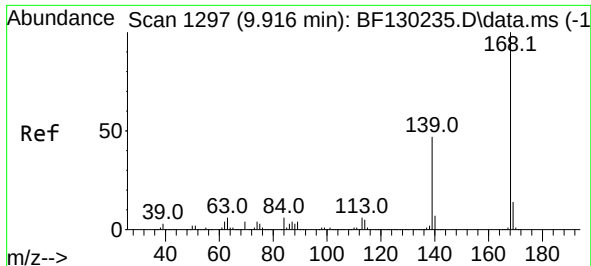


#54
2,4-Dinitrophenol
Concen: 96.692 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



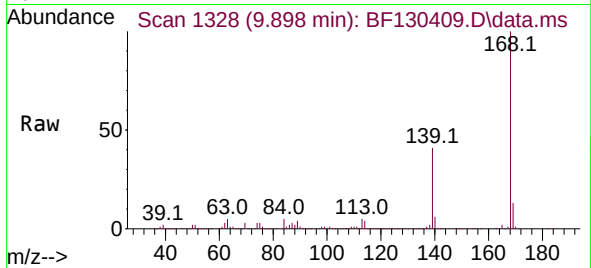
Tgt Ion:184 Resp: 181389
Ion Ratio Lower Upper
184 100
63 76.7 70.0 105.0
154 74.8 63.0 94.6





#55
Dibenzofuran
Concen: 45.970 ng
RT: 9.898 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

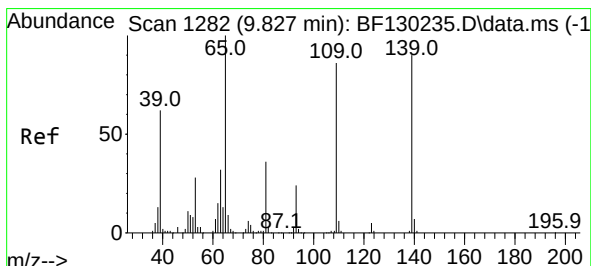
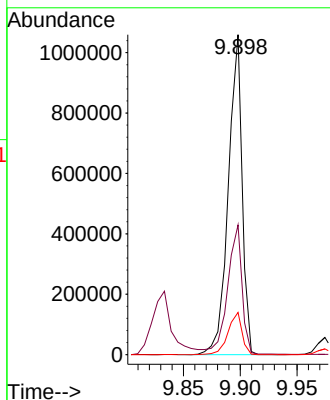
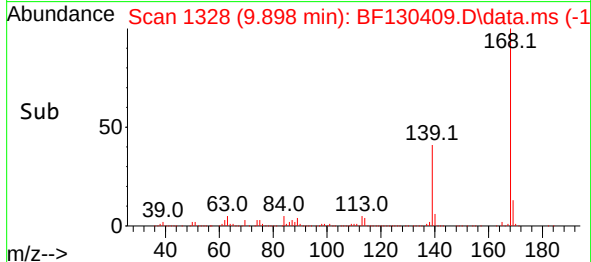
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



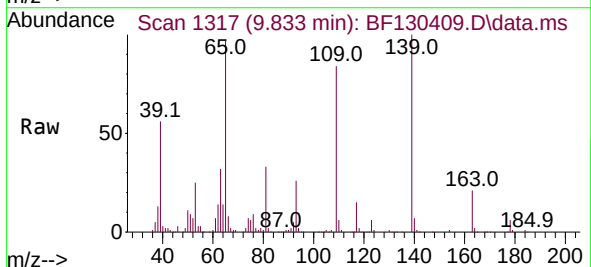
Tgt Ion:168 Resp: 897827
Ion Ratio Lower Upper
168 100
139 40.5 35.0 52.4
169 13.2 10.9 16.3

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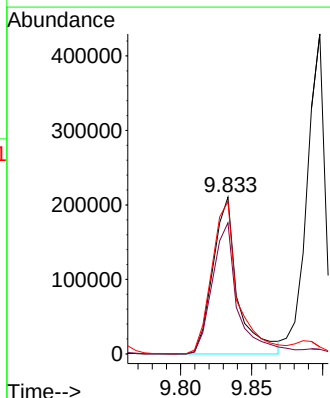
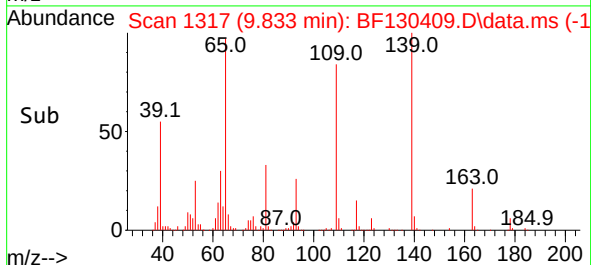
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

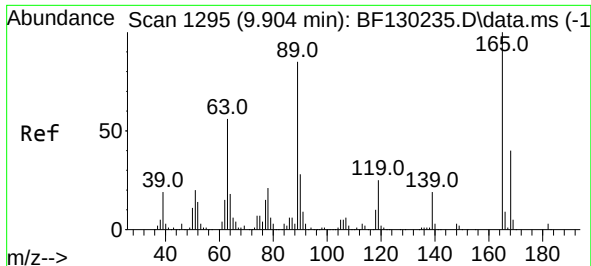


#56
4-Nitrophenol
Concen: 92.387 ng
RT: 9.833 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion:139 Resp: 255554
Ion Ratio Lower Upper
139 100
109 83.7 72.2 112.2
65 97.3 97.7 137.7#





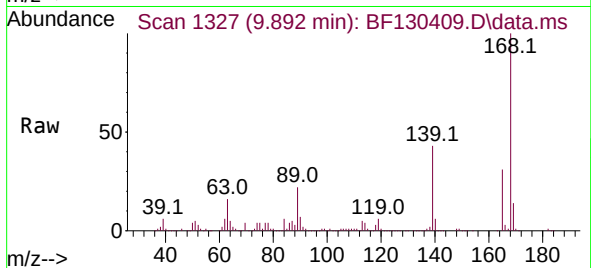
#57
2,4-Dinitrotoluene
Concen: 52.509 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

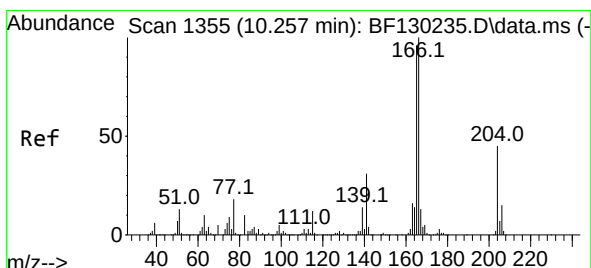
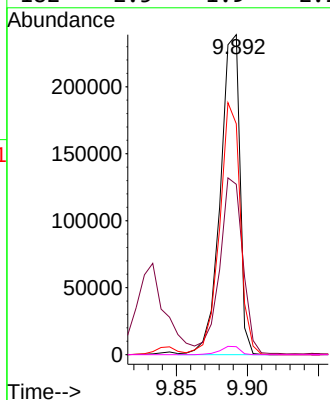
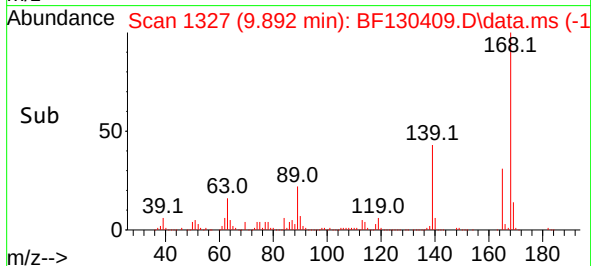


Tgt Ion:165 Resp: 228722
Ion Ratio Lower Upper
165 100
63 53.2 44.7 67.1
89 72.1 69.0 103.4
182 2.5 1.9 2.9

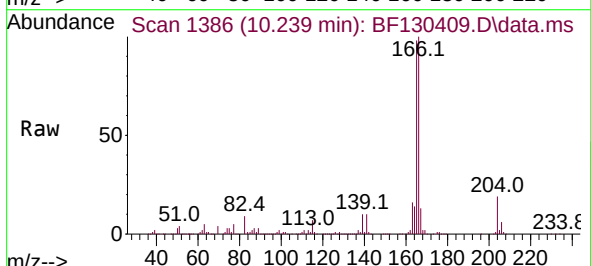
Manual Integrations

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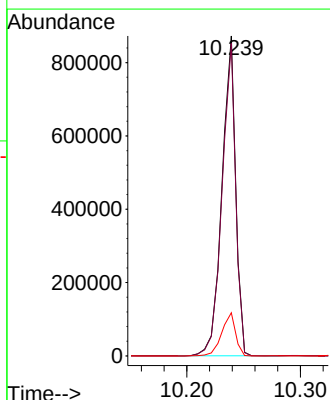
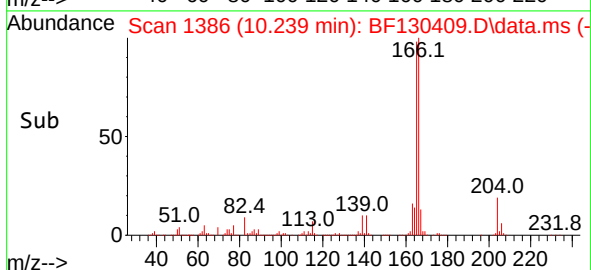
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

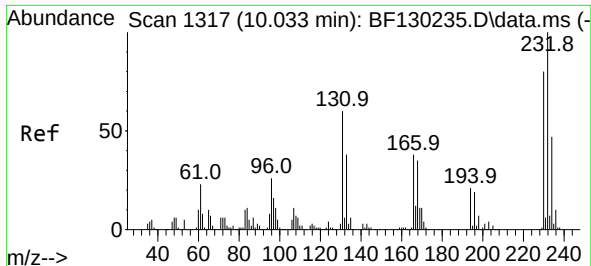


#58
Fluorene
Concen: 45.663 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



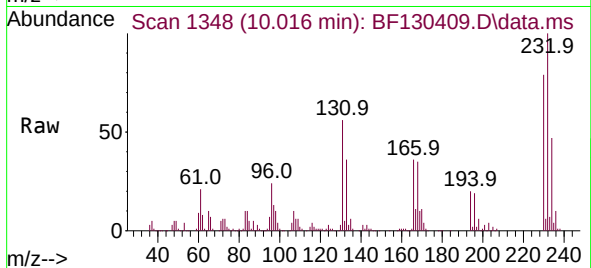
Tgt Ion:166 Resp: 729355
Ion Ratio Lower Upper
166 100
165 97.6 78.8 118.2
167 13.5 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.641 ng
RT: 10.016 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

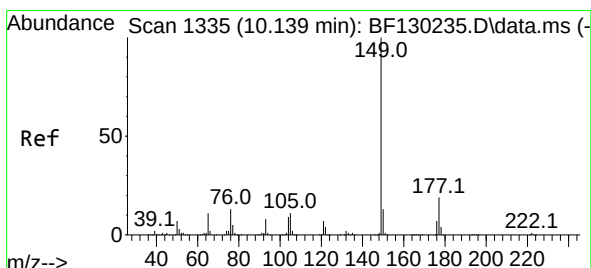
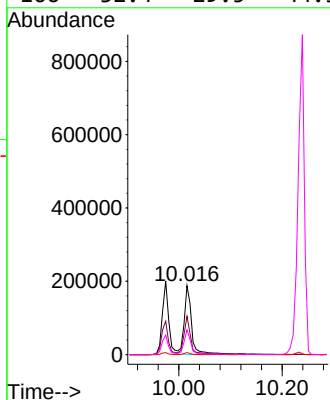
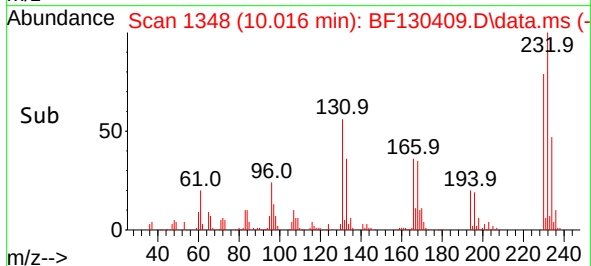
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



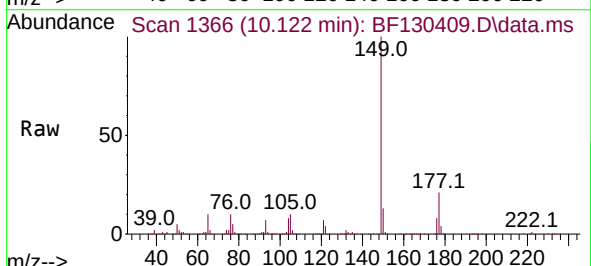
Tgt Ion:232 Resp: 188405
Ion Ratio Lower Upper
232 100
131 49.0 46.4 69.6
130 2.5 2.3 3.5
166 32.4 29.5 44.3

Manual Integrations
APPROVED

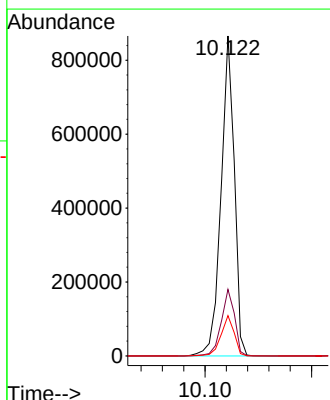
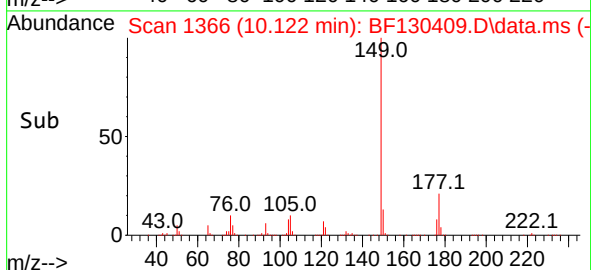
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

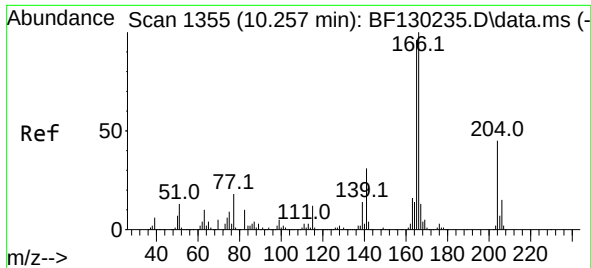


#60
Diethylphthalate
Concen: 45.946 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



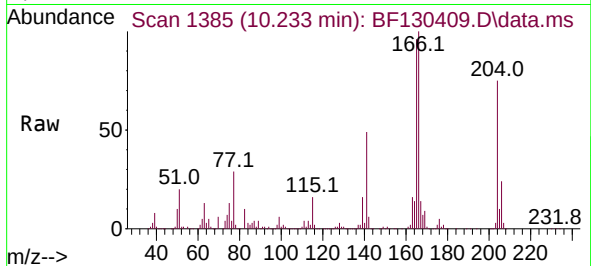
Tgt Ion:149 Resp: 750871
Ion Ratio Lower Upper
149 100
177 20.8 16.1 24.1
150 12.6 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.993 ng
RT: 10.233 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

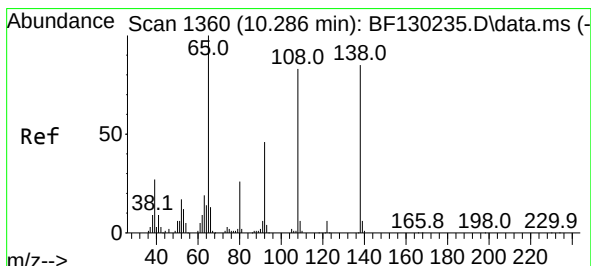
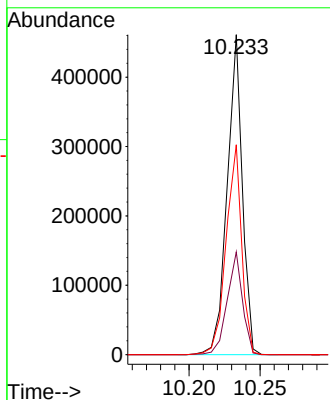
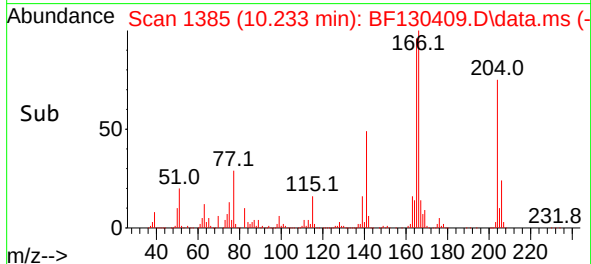
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



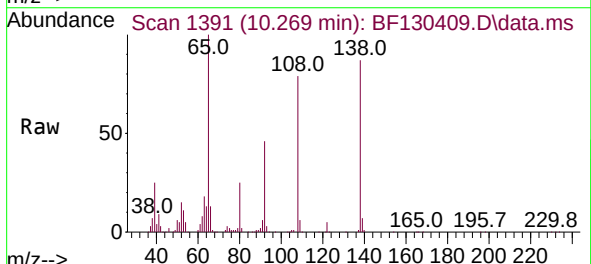
Tgt Ion:204 Resp: 343286
Ion Ratio Lower Upper
204 100
206 32.1 26.6 39.8
141 65.6 57.1 85.7

Manual Integrations
APPROVED

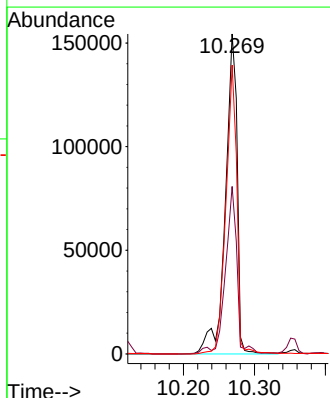
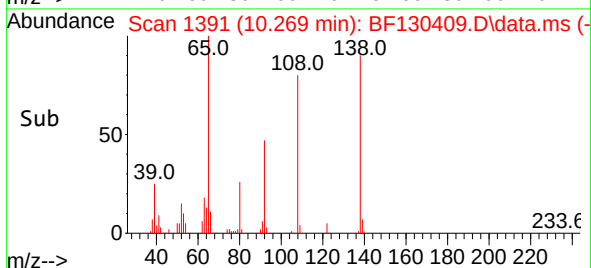
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

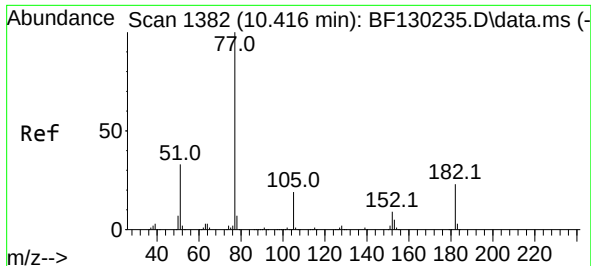


#62
4-Nitroaniline
Concen: 46.732 ng
RT: 10.269 min Scan# 1391
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



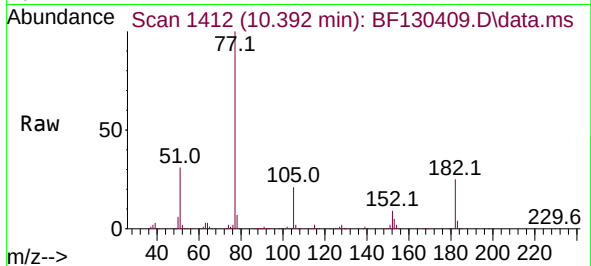
Tgt Ion:138 Resp: 178291
Ion Ratio Lower Upper
138 100
92 52.3 36.7 76.7
108 90.2 78.2 118.2





#63
Azobenzene
Concen: 40.240 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

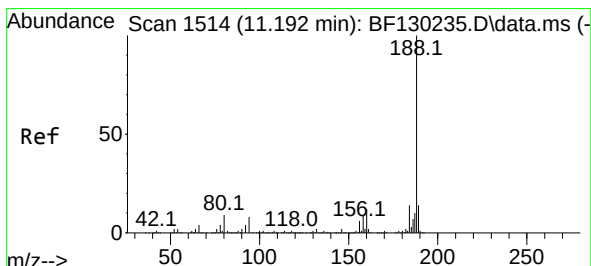
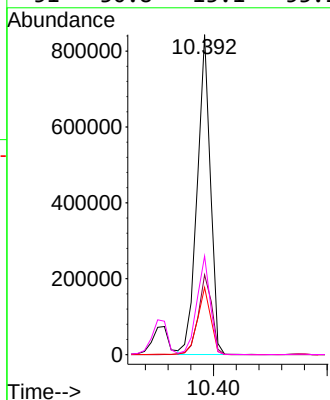
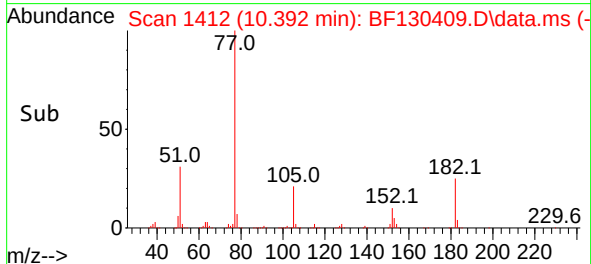
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



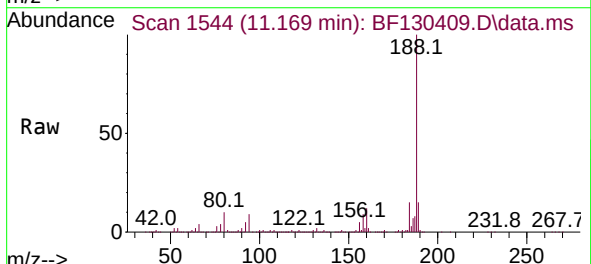
Tgt Ion: 77 Resp: 677160
Ion Ratio Lower Upper
77 100
182 24.9 2.1 42.1
105 21.0 0.0 39.4
51 30.8 13.1 53.1

Manual Integrations
APPROVED

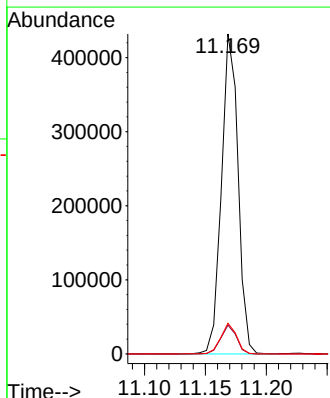
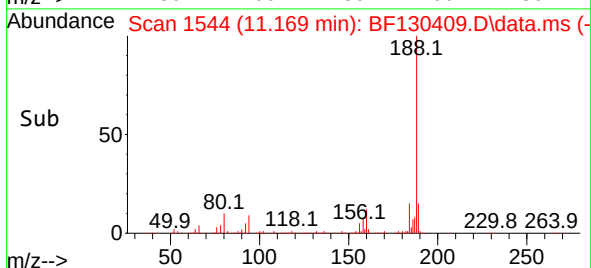
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

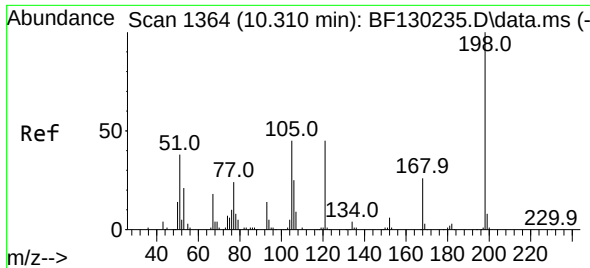


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.169 min Scan# 1544
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion:188 Resp: 409581
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.6 7.9 11.9





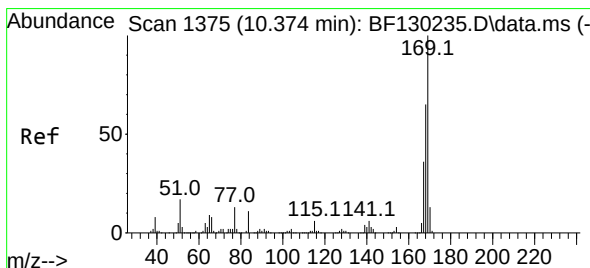
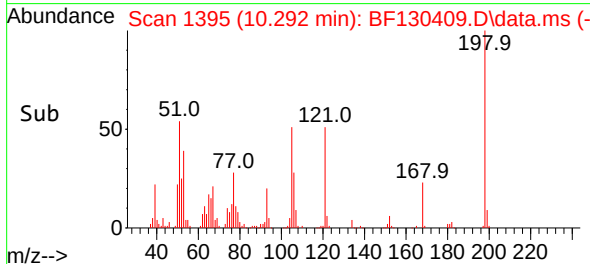
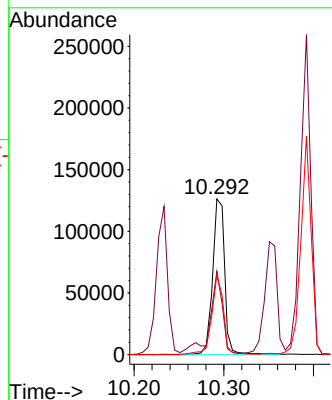
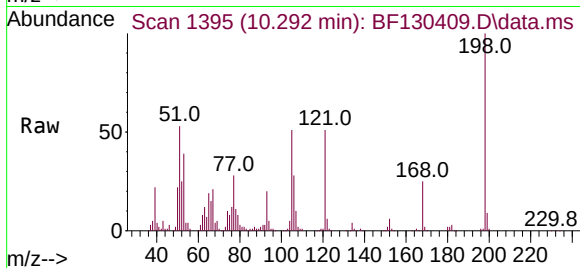
#65
4,6-Dinitro-2-methylphenol
Concen: 51.701 ng
RT: 10.292 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Instrument :
BNA_F
ClientSampleId :
PB147858BSD

Tgt Ion:198 Resp: 117878
Ion Ratio Lower Upper
198 100
51 53.5 36.9 76.9
105 51.0 33.0 73.0

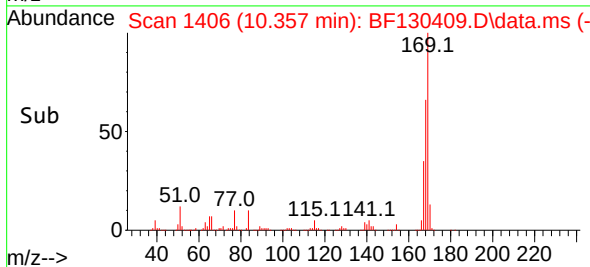
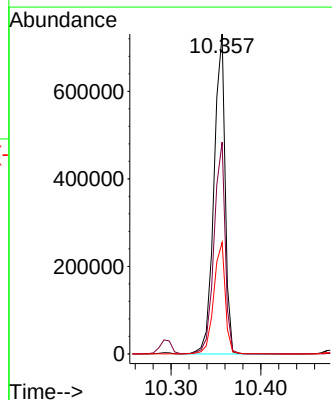
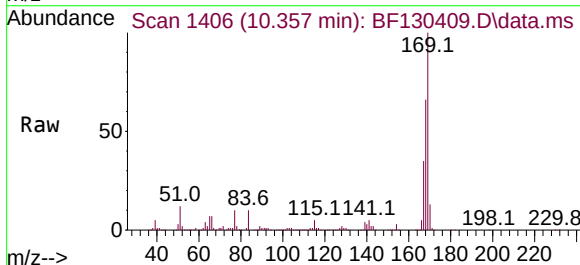
Manual Integrations
APPROVED

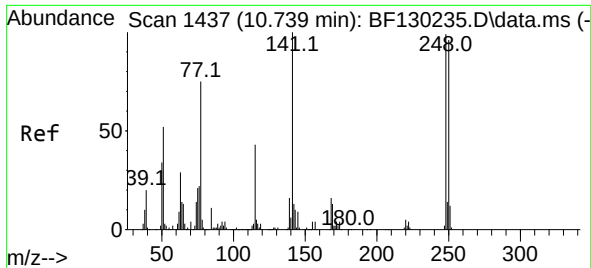
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#66
n-Nitrosodiphenylamine
Concen: 46.018 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

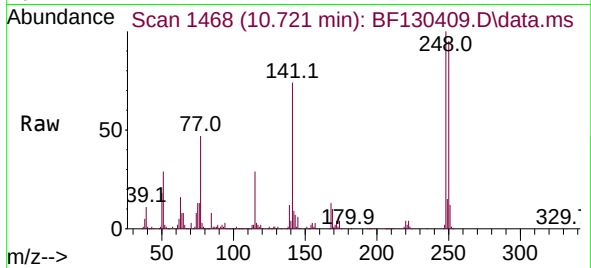
Tgt Ion:169 Resp: 629841
Ion Ratio Lower Upper
169 100
168 66.2 53.2 79.8
167 34.9 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 48.933 ng
RT: 10.721 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

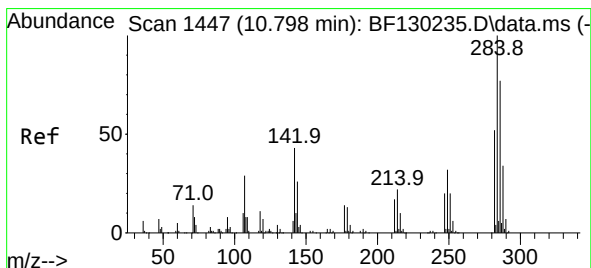
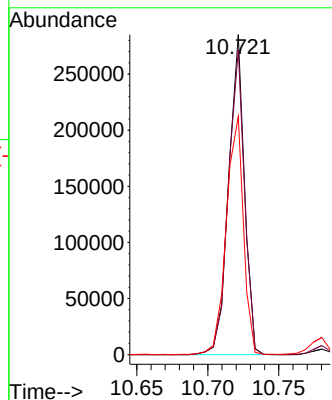
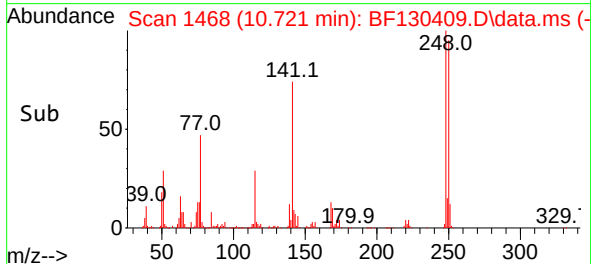
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



Tgt Ion:248 Resp: 221095
Ion Ratio Lower Upper
248 100
250 95.2 80.0 120.0
141 74.4 68.5 102.7

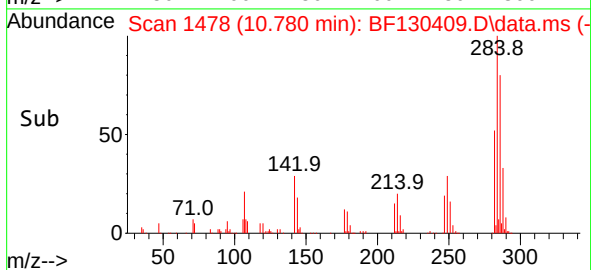
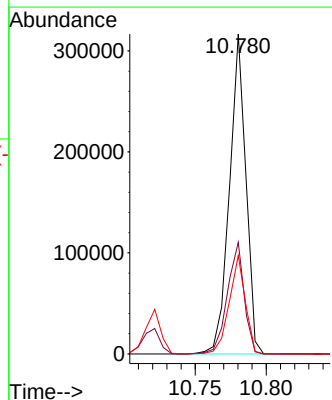
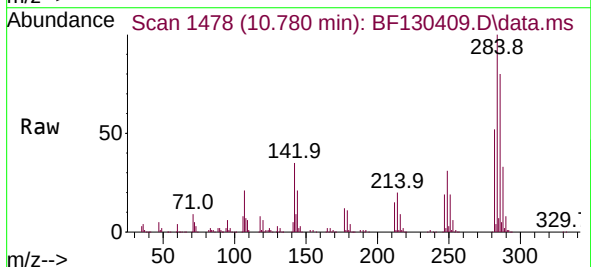
Manual Integrations
APPROVED

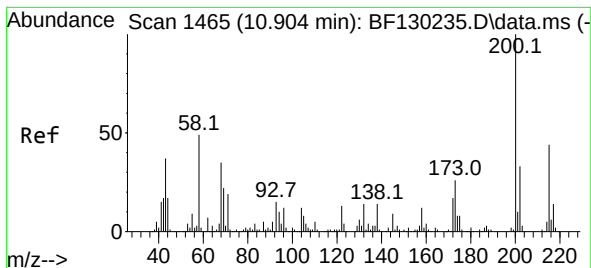
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#68
Hexachlorobenzene
Concen: 49.790 ng
RT: 10.780 min Scan# 1478
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Tgt Ion:284 Resp: 255015
Ion Ratio Lower Upper
284 100
142 34.9 27.2 40.8
249 30.7 23.8 35.8





#69

Atrazine

Concen: 52.373 ng

RT: 10.886 min Scan# 14

Delta R.T. 0.006 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

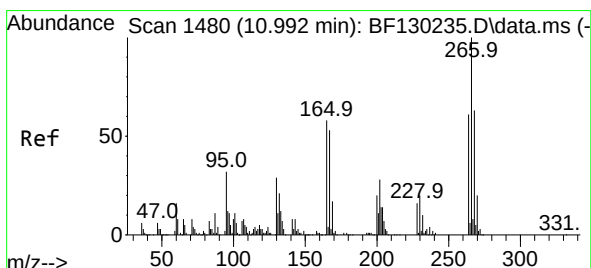
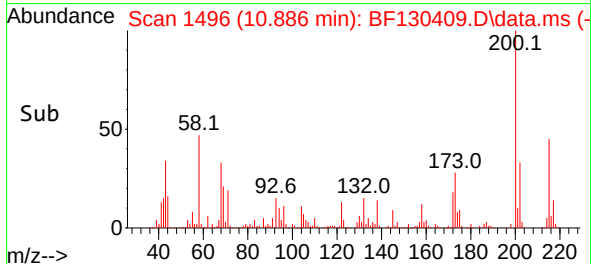
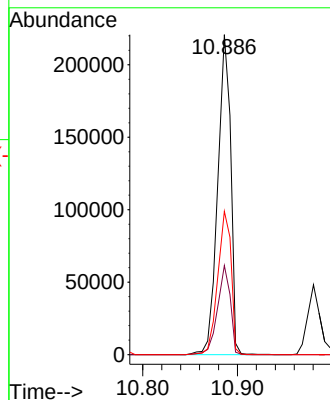
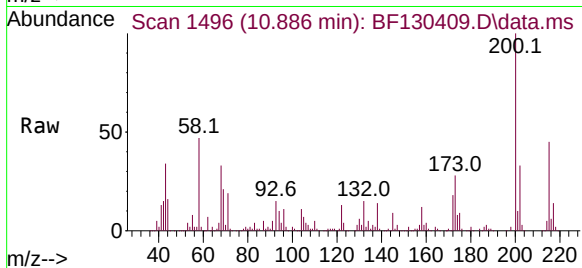
PB147858BSD

Tgt Ion:200 Resp: 209484
 Ion Ratio Lower Upper
 200 100
 173 27.8 6.2 46.2
 215 44.8 22.5 62.5

Manual Integrations

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



#70

Pentachlorophenol

Concen: 95.775 ng

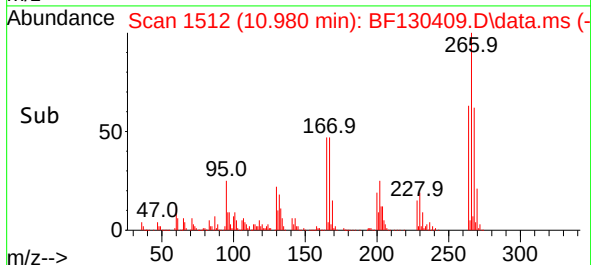
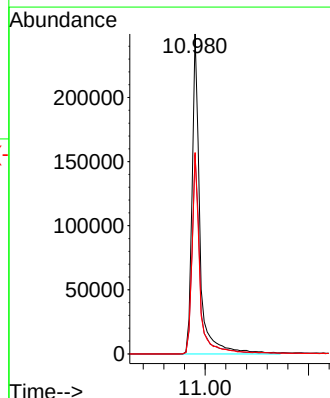
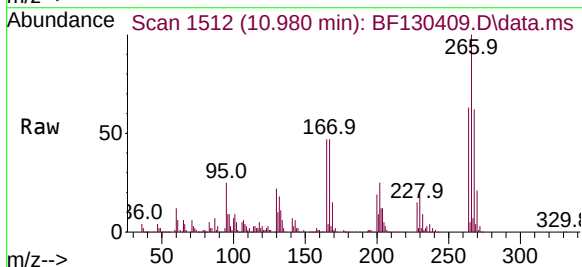
RT: 10.980 min Scan# 1512

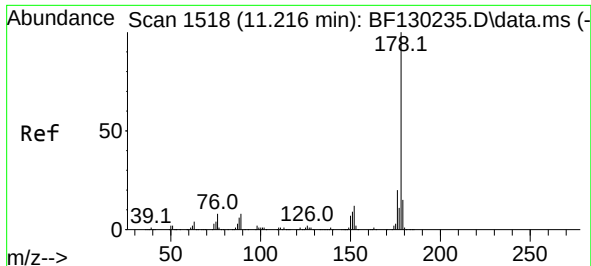
Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

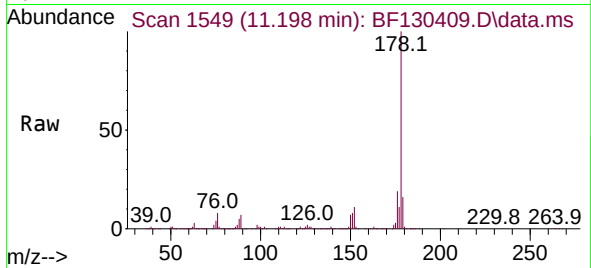
Tgt Ion:266 Resp: 263271
 Ion Ratio Lower Upper
 266 100
 268 62.3 50.5 75.7
 264 62.9 50.5 75.7





#71
Phenanthrene
Concen: 45.160 ng
RT: 11.198 min Scan# 11198
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

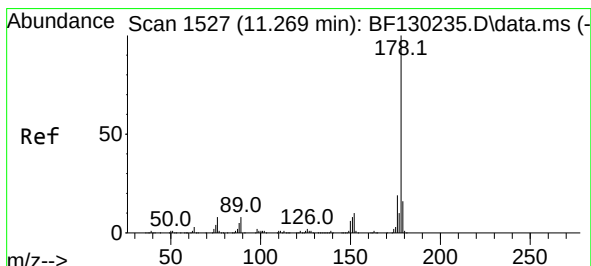
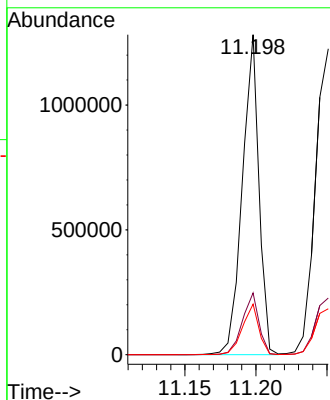
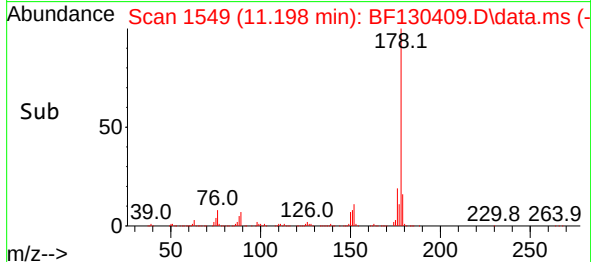
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



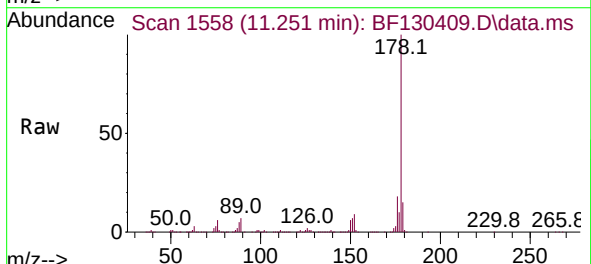
Tgt Ion:178 Resp: 1038484
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.8 12.4 18.6

Manual Integrations
APPROVED

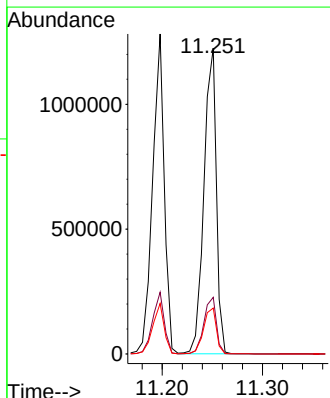
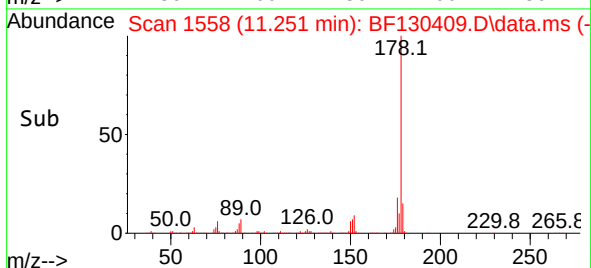
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

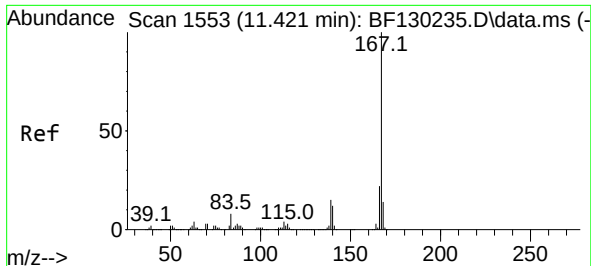


#72
Anthracene
Concen: 47.249 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



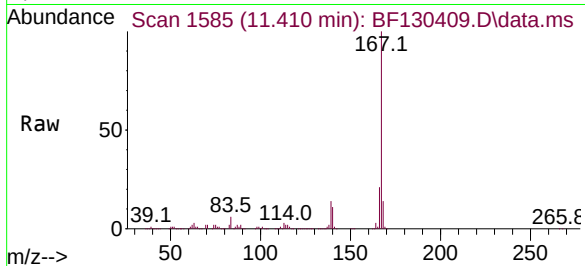
Tgt Ion:178 Resp: 1048512
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.0 12.7 19.1





#73
 Carbazole
 Concen: 47.172 ng
 RT: 11.410 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: BF130409.D
 Acq: 26 Sep 2022 15:32

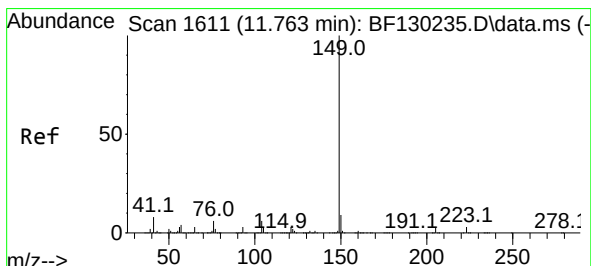
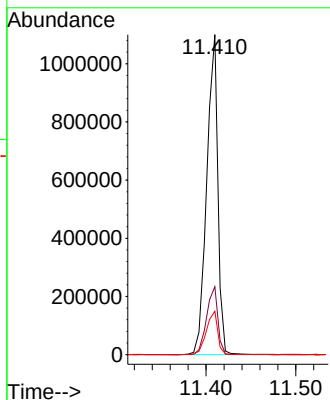
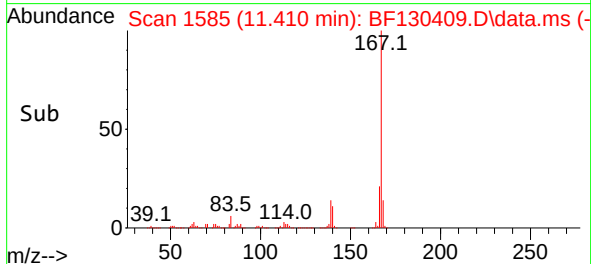
Instrument :
 BNA_F
 ClientSampleId :
 PB147858BSD



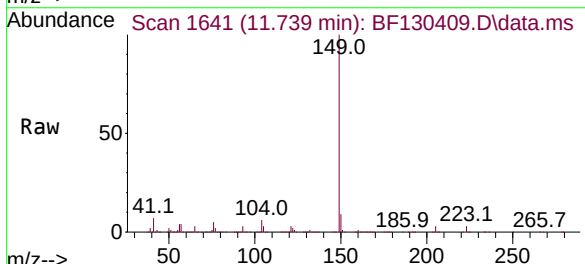
Tgt Ion:167 Resp: 944728
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.2
 139 13.6 11.6 17.4

Manual Integrations
 APPROVED

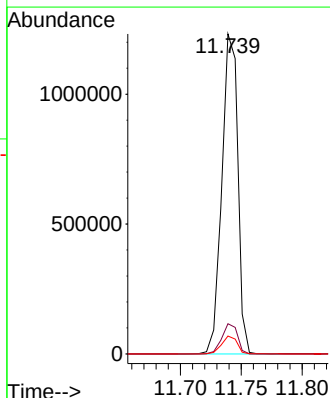
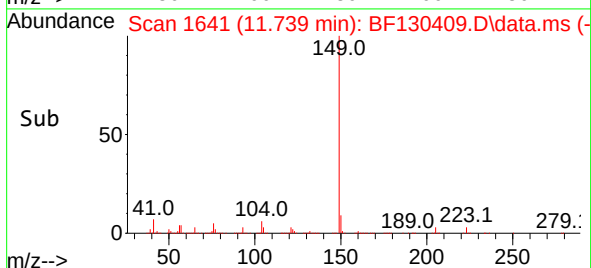
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

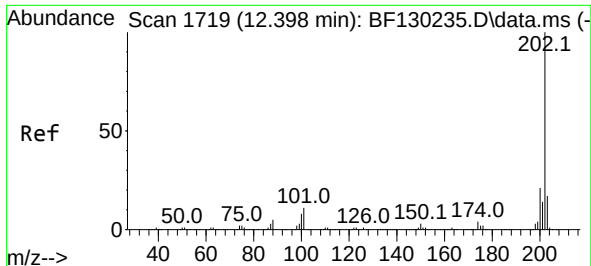


#74
 Di-n-butylphthalate
 Concen: 46.653 ng
 RT: 11.739 min Scan# 1641
 Delta R.T. -0.000 min
 Lab File: BF130409.D
 Acq: 26 Sep 2022 15:32



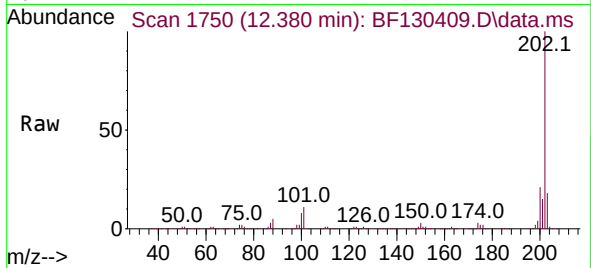
Tgt Ion:149 Resp: 1126710
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.6 4.8 7.2





#75
Fluoranthene
Concen: 46.767 ng
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

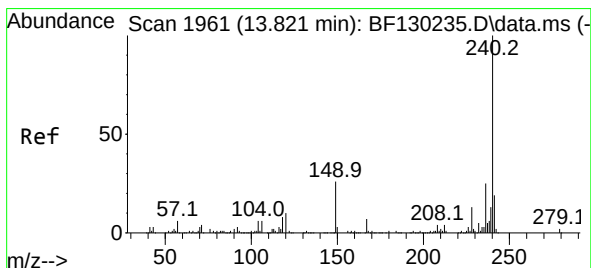
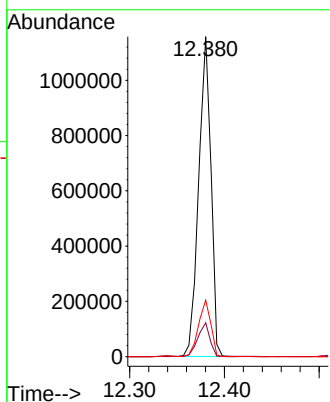
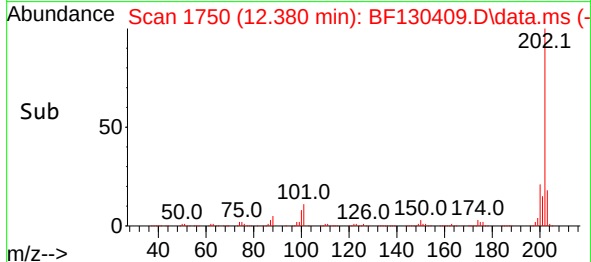
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



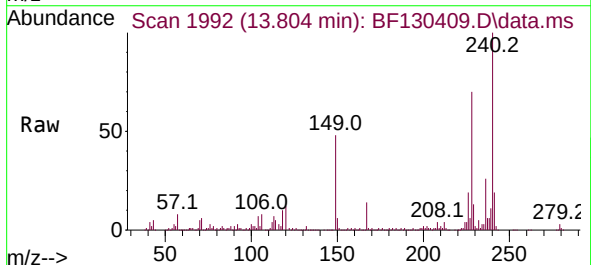
Tgt Ion:202 Resp: 103918
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.8
203 17.6 0.0 37.8

Manual Integrations
APPROVED

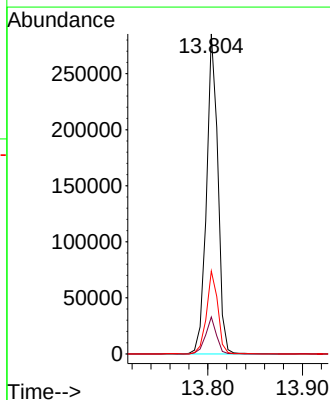
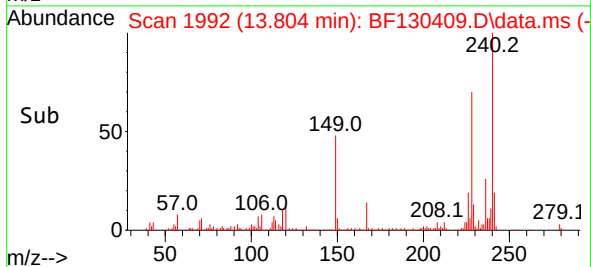
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

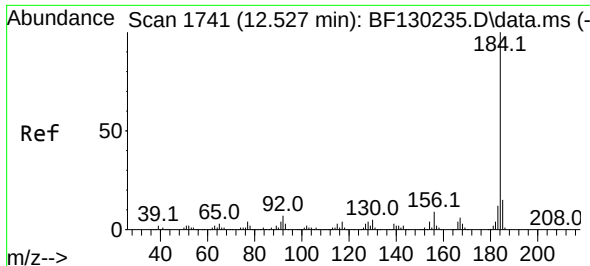


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



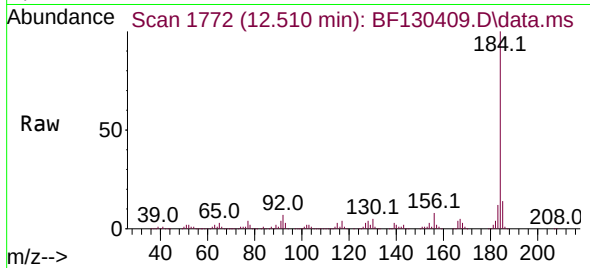
Tgt Ion:240 Resp: 238467
Ion Ratio Lower Upper
240 100
120 11.5 8.7 13.1
236 25.9 20.9 31.3





#77
Benzidine
Concen: 76.347 ng
RT: 12.510 min Scan# 1741
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

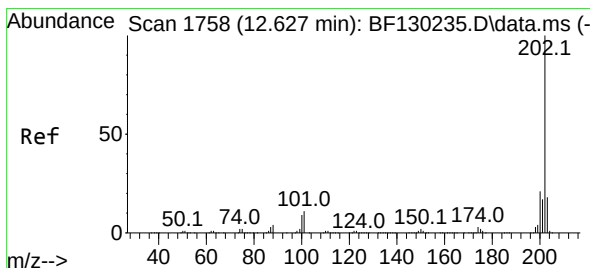
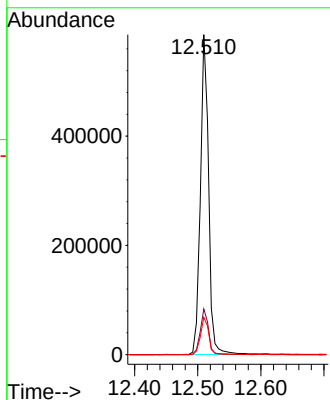
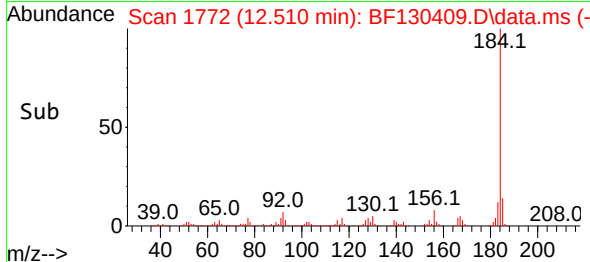
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



Tgt Ion:184 Resp: 528510
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.6 9.1 13.7

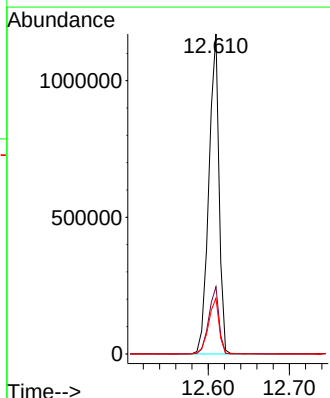
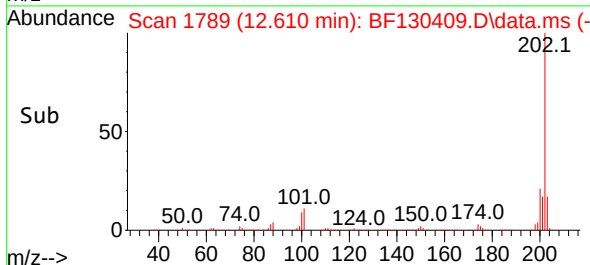
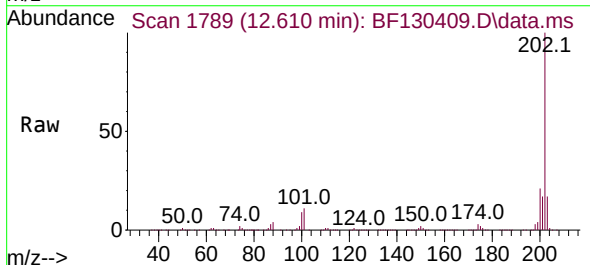
Manual Integrations
APPROVED

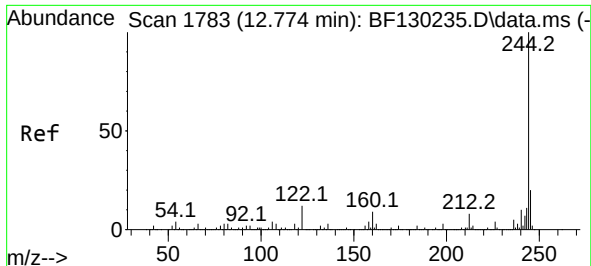
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#78
Pyrene
Concen: 49.210 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

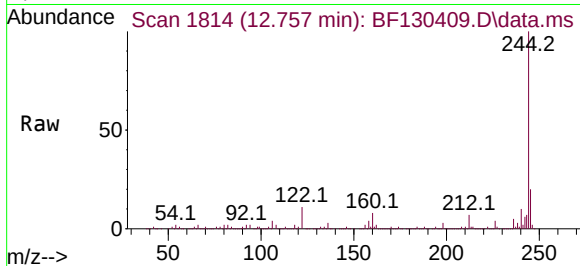
Tgt Ion:202 Resp: 1026583
Ion Ratio Lower Upper
202 100
200 21.0 17.2 25.8
203 17.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 104.871 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF130409.D
 Acq: 26 Sep 2022 15:32

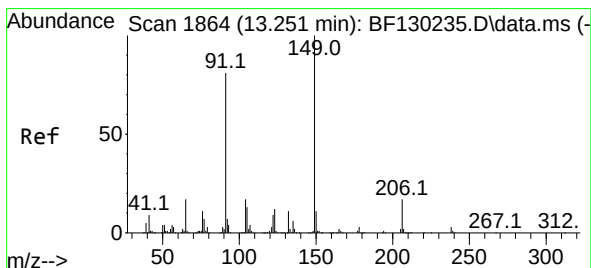
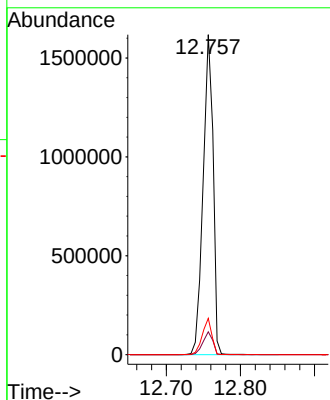
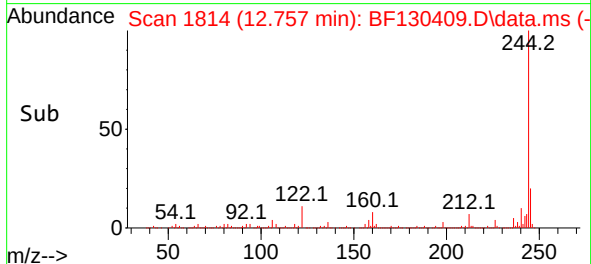
Instrument :
 BNA_F
 ClientSampleId :
 PB147858BSD



Tgt Ion:244 Resp: 1509709
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.3 8.5 12.7

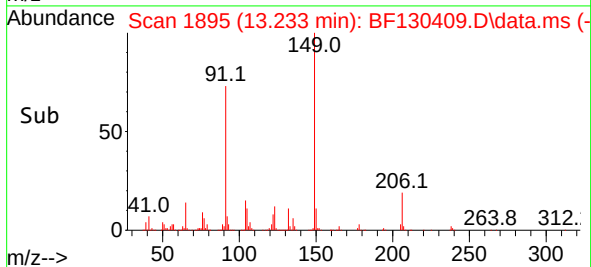
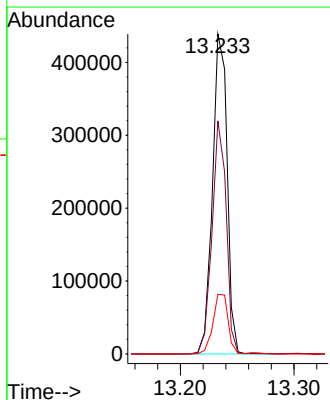
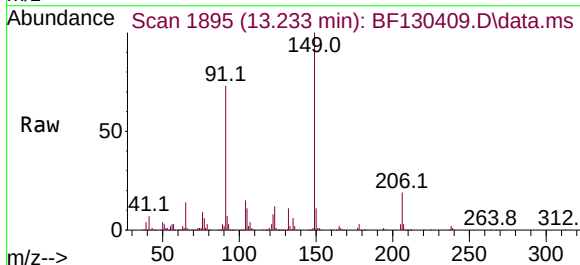
Manual Integrations
 APPROVED

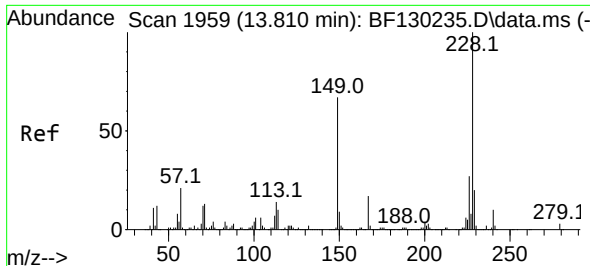
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022



#80
 Butylbenzylphthalate
 Concen: 50.837 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. -0.006 min
 Lab File: BF130409.D
 Acq: 26 Sep 2022 15:32

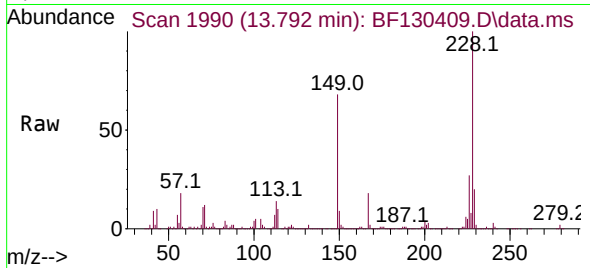
Tgt Ion:149 Resp: 392880
 Ion Ratio Lower Upper
 149 100
 91 72.8 59.8 89.8
 206 18.6 13.9 20.9





#81
Benzo(a)anthracene
Concen: 48.023 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

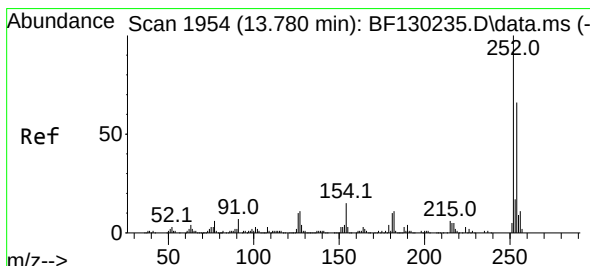
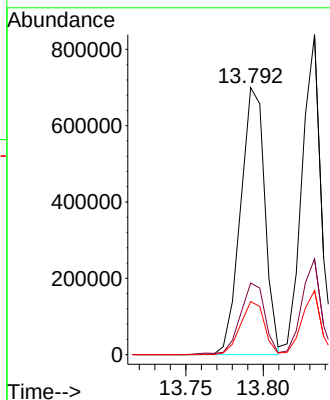
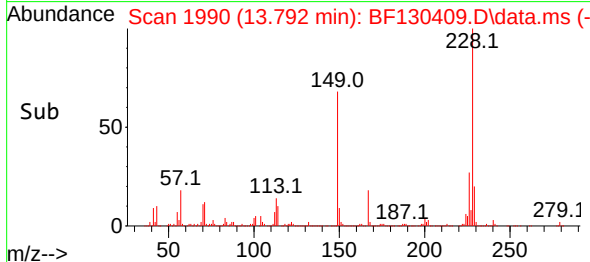
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



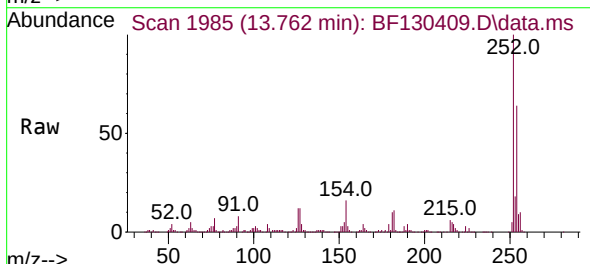
Tgt Ion:228 Resp: 761840
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.9 16.1 24.1

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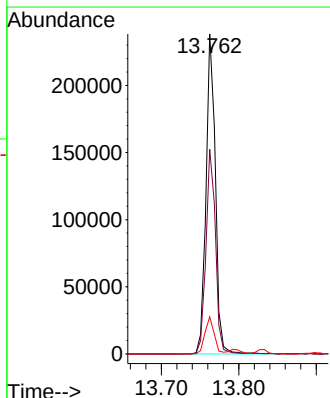
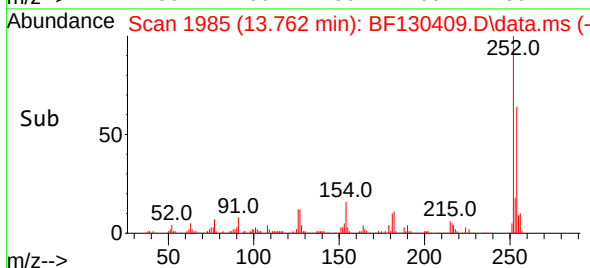
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

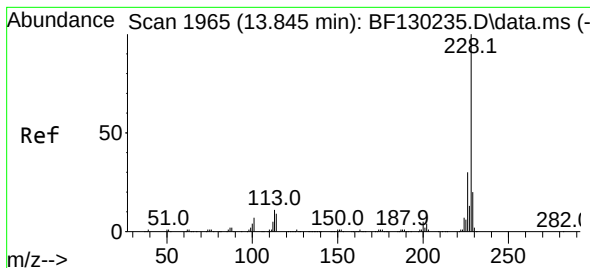


#82
3,3'-Dichlorobenzidine
Concen: 46.156 ng
RT: 13.762 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion:252 Resp: 199316
Ion Ratio Lower Upper
252 100
254 64.0 51.1 76.7
126 11.6 10.4 15.6





#83

Chrysene

Concen: 46.427 ng

RT: 13.833 min Scan# 1997

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

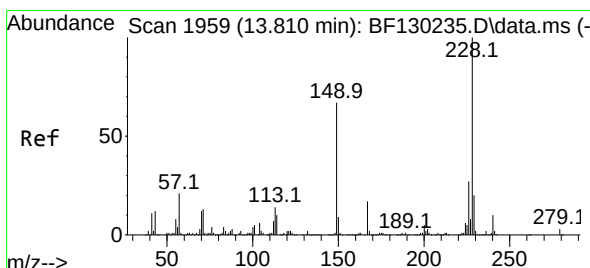
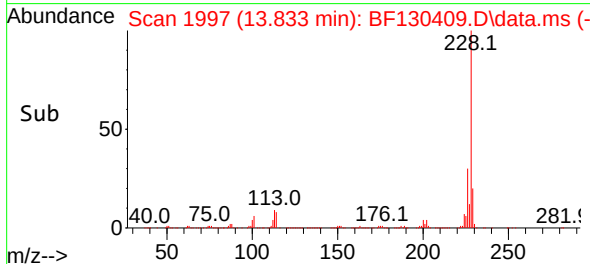
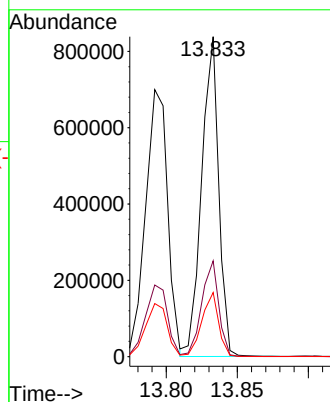
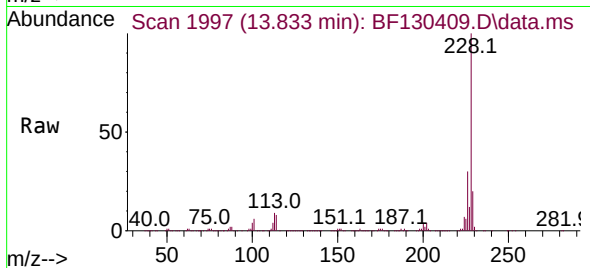
PB147858BSD

Tgt Ion:	228	Resp:	699325
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.8
229	20.0	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: 51.821 ng

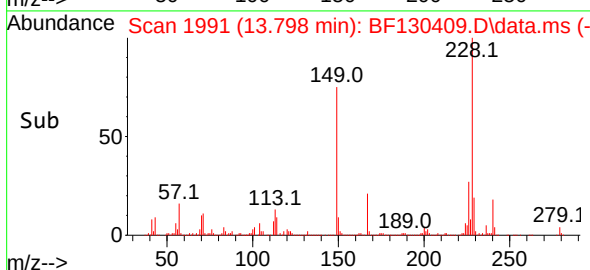
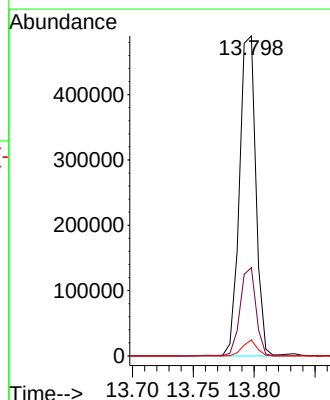
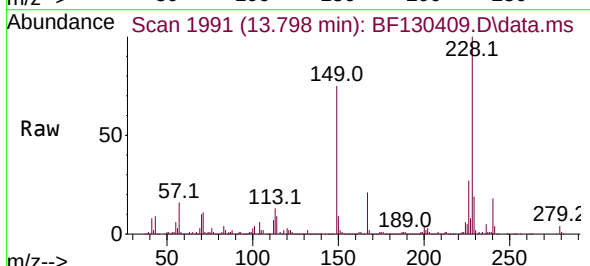
RT: 13.798 min Scan# 1991

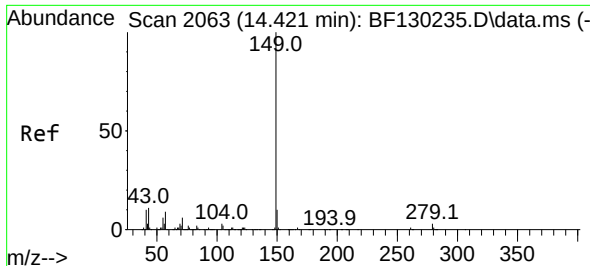
Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

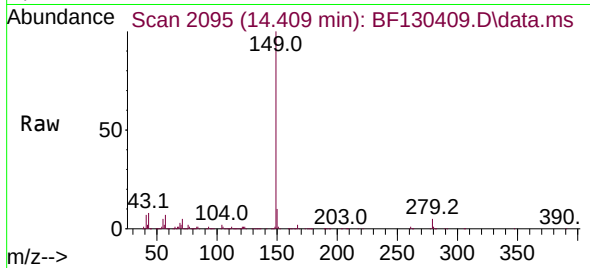
Tgt Ion:	149	Resp:	458733
Ion Ratio	Lower	Upper	
149	100		
167	27.6	20.5	30.7
279	5.0	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 49.988 ng
RT: 14.409 min Scan# 2063
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

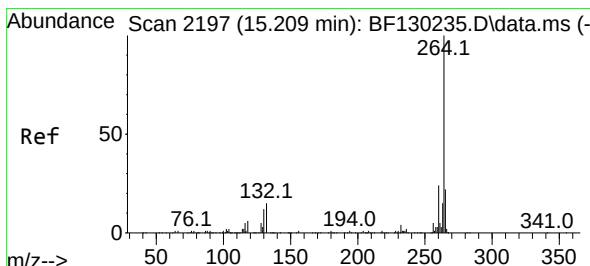
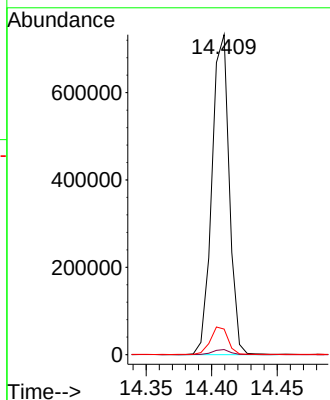
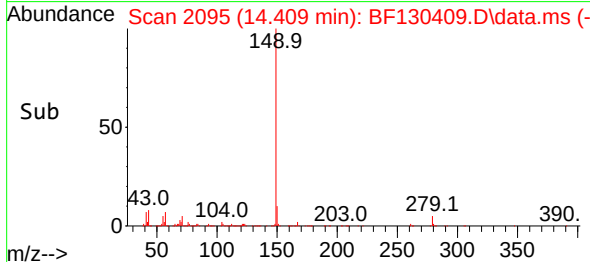
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



Tgt Ion:149 Resp: 676809
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.7 8.7 13.1

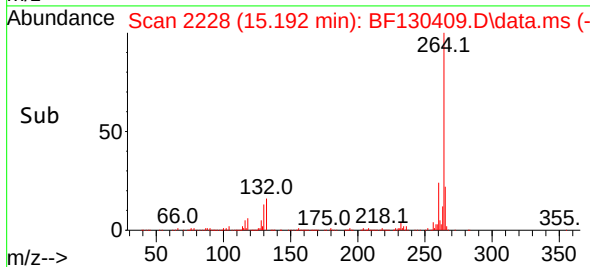
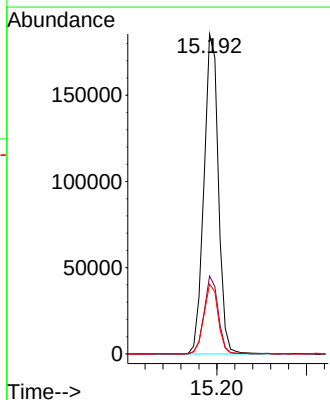
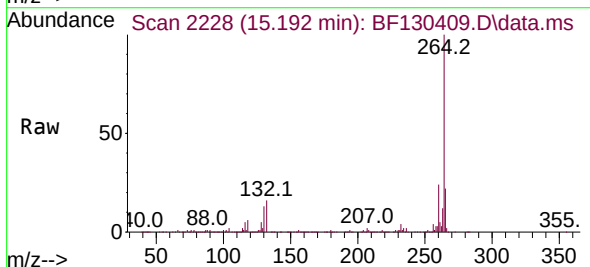
Manual Integrations
APPROVED

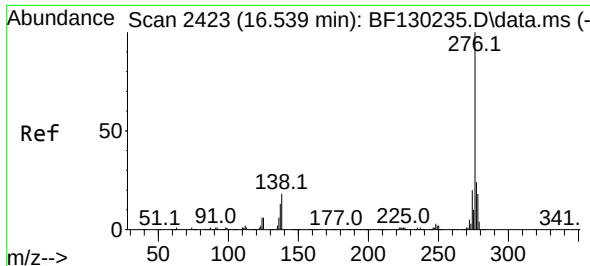
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.192 min Scan# 2228
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

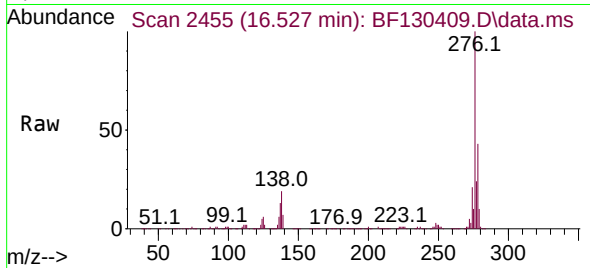
Tgt Ion:264 Resp: 207118
Ion Ratio Lower Upper
264 100
260 24.3 19.3 28.9
265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.263 ng
RT: 16.527 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

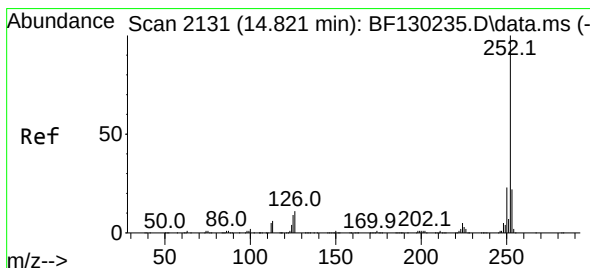
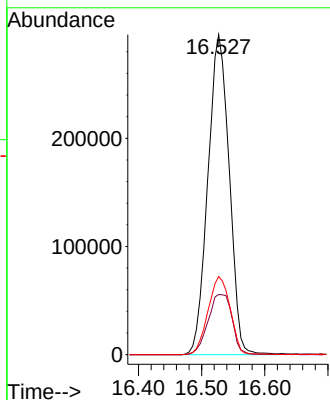
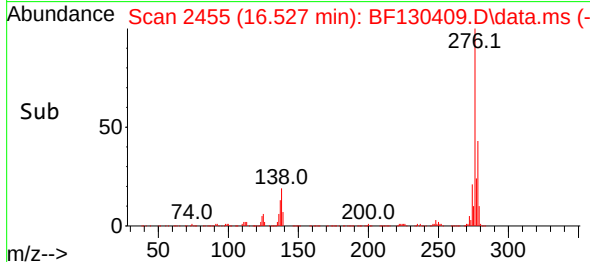
Instrument :
BNA_F
ClientSampleId :
PB147858BSD



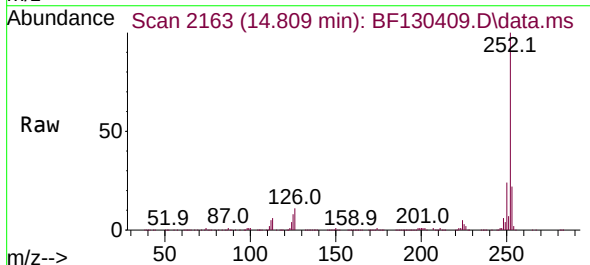
Tgt Ion:276 Resp: 694172
Ion Ratio Lower Upper
276 100
138 21.2 18.5 27.7
277 25.4 20.2 30.4

Manual Integrations
APPROVED

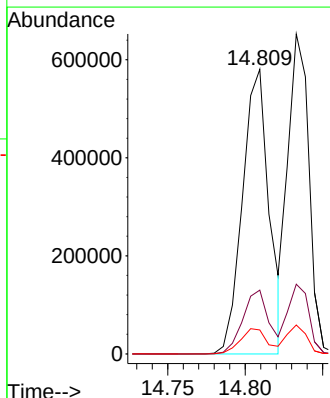
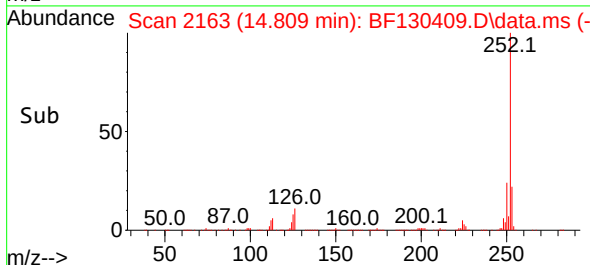
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

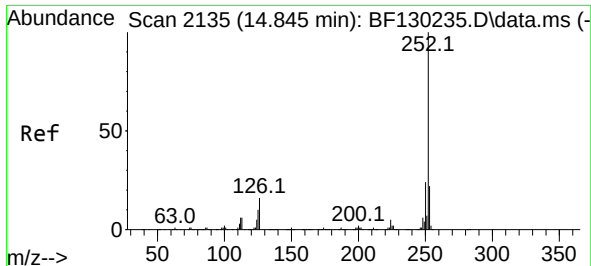


#88
Benzo(b)fluoranthene
Concen: 51.336 ng
RT: 14.809 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion:252 Resp: 693987
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 8.4 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 46.455 ng

RT: 14.833 min Scan# 2119

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

Tgt Ion:252 Resp: 617768

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.2

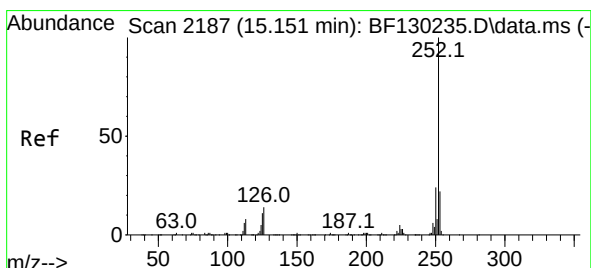
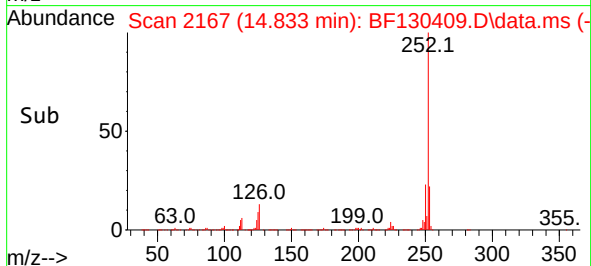
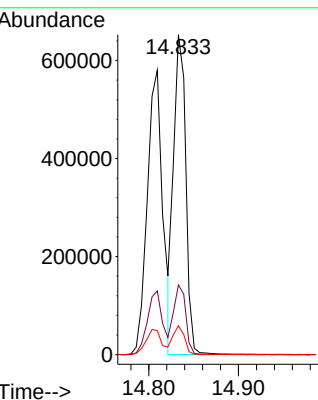
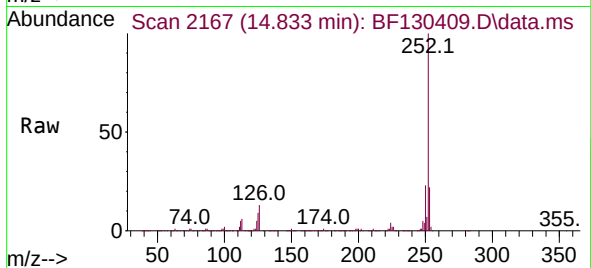
125 9.0 7.9 11.9

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#90

Benzo(a)pyrene

Concen: 53.452 ng

RT: 15.139 min Scan# 2219

Delta R.T. -0.000 min

Lab File: BF130409.D

Acq: 26 Sep 2022 15:32

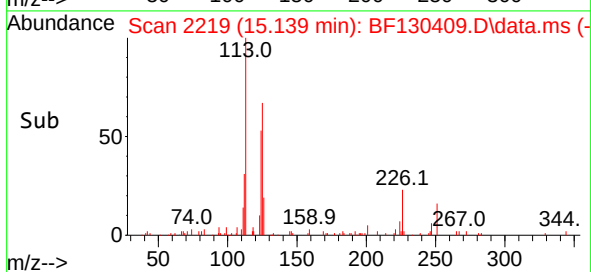
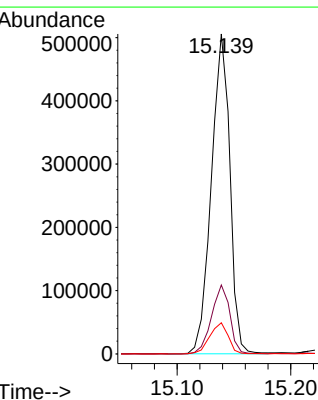
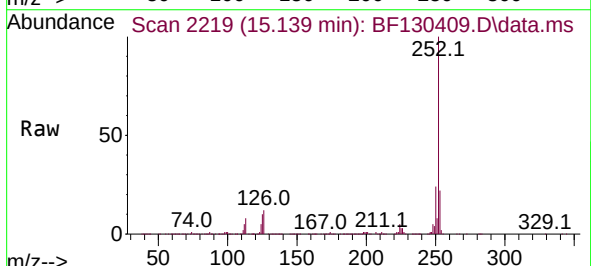
Tgt Ion:252 Resp: 572463

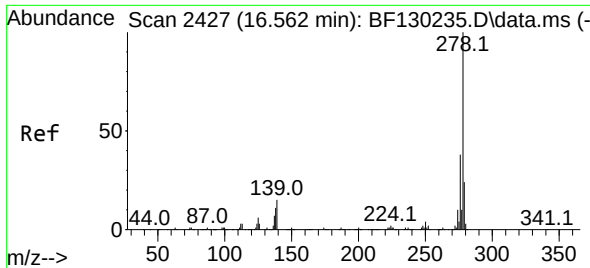
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 9.7 9.0 13.6





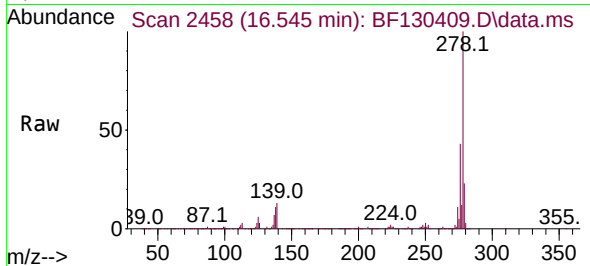
#91
Dibenzo(a,h)anthracene
Concen: 49.875 ng
RT: 16.545 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32

Instrument :

BNA_F

ClientSampleId :

PB147858BSD

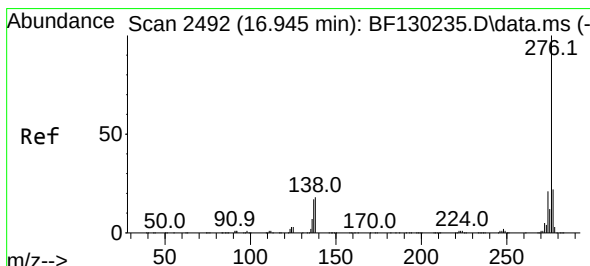
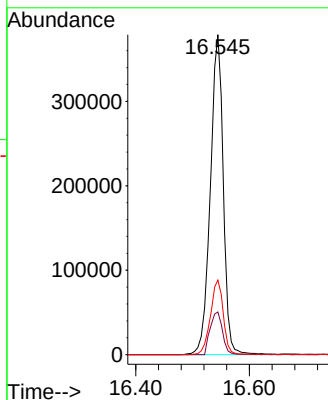
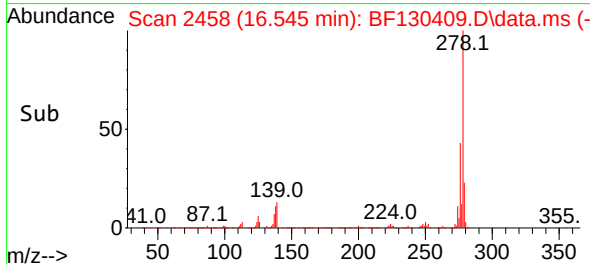


Tgt Ion:278 Resp: 600949
Ion Ratio Lower Upper
278 100
139 13.3 11.8 17.8
279 23.3 19.4 29.0

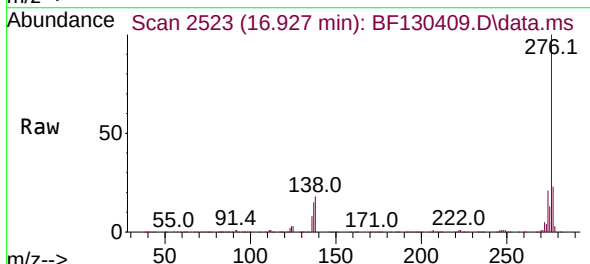
Manual Integrations

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



#92
Benzo(g,h,i)perylene
Concen: 49.281 ng
RT: 16.927 min Scan# 2523
Delta R.T. -0.000 min
Lab File: BF130409.D
Acq: 26 Sep 2022 15:32



Tgt Ion:276 Resp: 598151
Ion Ratio Lower Upper
276 100
277 23.1 18.6 27.8
138 18.2 14.6 21.8

