

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130408.D
 Acq On : 26 Sep 2022 14:57
 Operator : CG\JU
 Sample : PB147858BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147858BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 27 01:05:21 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	116403	20.000	ng	0.00
21) Naphthalene-d8	7.940	136	450166	20.000	ng	# 0.00
39) Acenaphthene-d10	9.692	164	242356	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	415661	20.000	ng	0.00
76) Chrysene-d12	13.804	240	240490	20.000	ng	0.00
86) Perylene-d12	15.198	264	205838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	657030	97.901	ng	0.02
7) Phenol-d6	6.298	99	794054	94.561	ng	0.00
23) Nitrobenzene-d5	7.228	82	743492	84.378	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	256972	110.657	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	1469368	88.287	ng	0.00
79) Terphenyl-d14	12.763	244	1531283	105.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.369	88	105182	34.126	ng	96
3) Pyridine	3.046	79	285155	35.466	ng	93
4) n-Nitrosodimethylamine	3.010	42	164951	37.721	ng	91
6) Aniline	6.316	93	427198	41.289	ng	# 52
8) 2-Chlorophenol	6.440	128	371296	48.568	ng	92
9) Benzaldehyde	6.198	77	203301	36.143	ng	95
10) Phenol	6.310	94	442288	44.945	ng	78
11) bis(2-Chloroethyl)ether	6.398	93	328013	46.212	ng	90
12) 1,3-Dichlorobenzene	6.593	146	397617	47.268	ng	97
13) 1,4-Dichlorobenzene	6.669	146	402938	46.972	ng	99
14) 1,2-Dichlorobenzene	6.822	146	381652	47.627	ng	97
15) Benzyl Alcohol	6.810	79	245906	36.935	ng	93
16) 2,2'-oxybis(1-Chloropr...	6.934	45	407801	39.392	ng	79
17) 2-Methylphenol	6.922	107	308342	49.616	ng	97
18) Hexachloroethane	7.163	117	153085	45.273	ng	95
19) n-Nitroso-di-n-propyla...	7.081	70	245296	43.291	ng	90
20) 3+4-Methylphenols	7.075	107	374211	46.353	ng	# 81
22) Acetophenone	7.069	105	518619	47.122	ng	# 91
24) Nitrobenzene	7.245	77	379246	42.387	ng	90
25) Isophorone	7.481	82	665745	46.877	ng	97
26) 2-Nitrophenol	7.557	139	197161	53.756	ng	90
27) 2,4-Dimethylphenol	7.604	122	297828	52.738	ng	97
28) bis(2-Chloroethoxy)met...	7.698	93	396685	49.604	ng	99
29) 2,4-Dichlorophenol	7.804	162	303005	48.962	ng	97
30) 1,2,4-Trichlorobenzene	7.881	180	319744	47.789	ng	95
31) Naphthalene	7.957	128	1064395	45.895	ng	99
32) Benzoic acid	7.757	122	205045	46.951	ng	88
33) 4-Chloroaniline	8.016	127	289890	32.865	ng	# 94
34) Hexachlorobutadiene	8.075	225	203702	47.638	ng	99
35) Caprolactam	8.398	113	96810m	54.567	ng	
36) 4-Chloro-3-methylphenol	8.510	107	337894	49.259	ng	99
37) 2-Methylnaphthalene	8.651	142	694544	46.970	ng	99
38) 1-Methylnaphthalene	8.751	142	653666	46.016	ng	100
40) 1,2,4,5-Tetrachloroben...	8.816	216	324965	49.133	ng	99
41) Hexachlorocyclopentadiene	8.804	237	407120	114.970	ng	99
43) 2,4,6-Trichlorophenol	8.934	196	220150	47.693	ng	96

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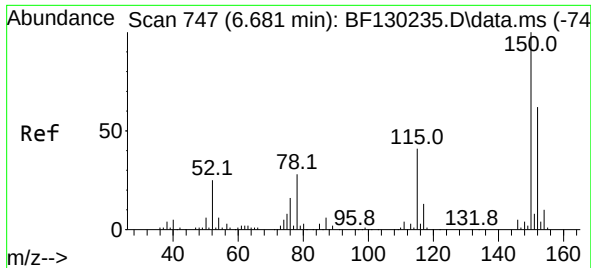
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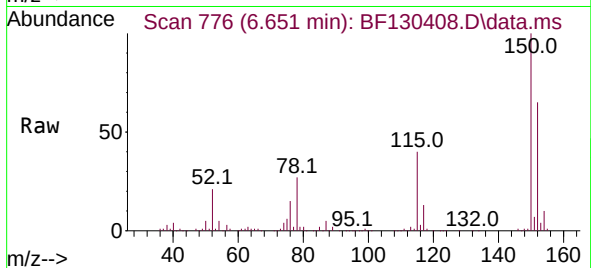
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.975	196	238207	47.822	ng	97
46) 1,1'-Biphenyl	9.116	154	853760	47.168	ng	99
47) 2-Chloronaphthalene	9.139	162	668450	45.653	ng	98
48) 2-Nitroaniline	9.239	65	204430	41.861	ng	95
49) Acenaphthylene	9.551	152	1002336	45.658	ng	100
50) Dimethylphthalate	9.428	163	788275	47.087	ng	99
51) 2,6-Dinitrotoluene	9.486	165	176956	50.542	ng	# 83
52) Acenaphthene	9.728	154	742486m	51.476	ng	
53) 3-Nitroaniline	9.651	138	127073	32.572	ng	96
54) 2,4-Dinitrophenol	9.763	184	195564	101.173	ng	88
55) Dibenzofuran	9.898	168	915730	45.643	ng	98
56) 4-Nitrophenol	9.834	139	264175	92.970	ng	87
57) 2,4-Dinitrotoluene	9.892	165	235599	52.653	ng	87
58) Fluorene	10.239	166	741617	45.199	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.016	232	194566	49.904	ng	92
60) Diethylphthalate	10.122	149	771433	45.952	ng	99
61) 4-Chlorophenyl-phenyle...	10.233	204	350676	48.720	ng	96
62) 4-Nitroaniline	10.275	138	180000	45.928	ng	88
63) Azobenzene	10.392	77	700209	40.506	ng	97
65) 4,6-Dinitro-2-methylph...	10.298	198	122507	52.945	ng	79
66) n-Nitrosodiphenylamine	10.357	169	641938	46.215	ng	98
67) 4-Bromophenyl-phenylether	10.722	248	226430	49.381	ng	96
68) Hexachlorobenzene	10.781	284	264997	50.982	ng	97
69) Atrazine	10.886	200	218190	53.752	ng	96
70) Pentachlorophenol	10.980	266	270542	96.981	ng	99
71) Phenanthrene	11.198	178	1064034	45.594	ng	99
72) Anthracene	11.251	178	1070023	47.513	ng	99
73) Carbazole	11.410	167	961528	47.309	ng	98
74) Di-n-butylphthalate	11.745	149	1161863	47.405	ng	98
75) Fluoranthene	12.380	202	1063894	47.178	ng	99
77) Benzidine	12.516	184	531149	76.083	ng	98
78) Pyrene	12.610	202	1038261	49.351	ng	100
80) Butylbenzylphthalate	13.239	149	393264	50.459	ng	91
81) Benzo(a)anthracene	13.798	228	757626	47.356	ng	99
82) 3,3'-Dichlorobenzidine	13.763	252	198290	45.532	ng	99
83) Chrysene	13.833	228	693751	45.670	ng	99
84) Bis(2-ethylhexyl)phtha...	13.798	149	449609	50.363	ng	# 97
85) Di-n-octyl phthalate	14.410	149	651473	47.712	ng	95
87) Indeno(1,2,3-cd)pyrene	16.527	276	693026	47.478	ng	98
88) Benzo(b)fluoranthene	14.810	252	673347	50.119	ng	99
89) Benzo(k)fluoranthene	14.839	252	617975m	46.760	ng	
90) Benzo(a)pyrene	15.145	252	564300	53.017	ng	# 96
91) Dibenzo(a,h)anthracene	16.545	278	597362	49.886	ng	97
92) Benzo(g,h,i)perylene	16.933	276	598852	49.646	ng	100

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.651 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130408.D
 Acq: 26 Sep 2022 14:57

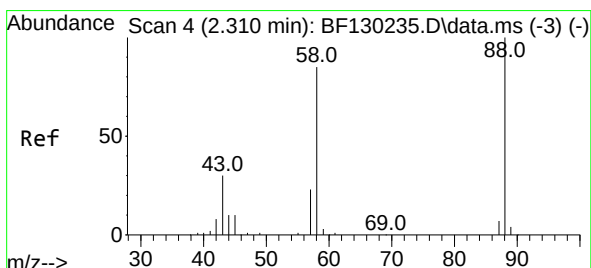
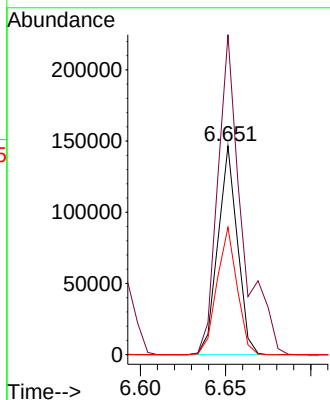
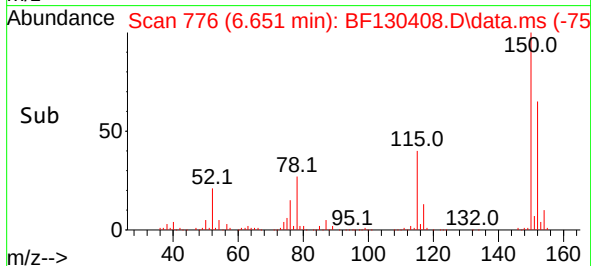
Instrument :
 BNA_F
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 PB147858BS



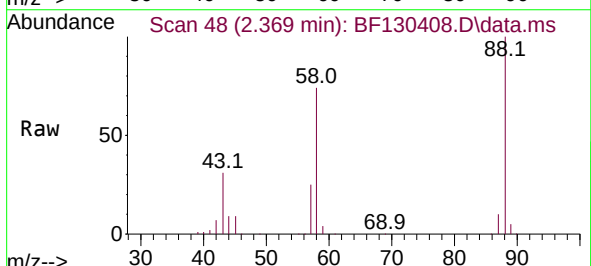
Tgt Ion:152 Resp: 116403
 Ion Ratio Lower Upper
 152 100
 150 153.3 122.8 184.2
 115 61.0 53.8 80.8

Manual Integrations
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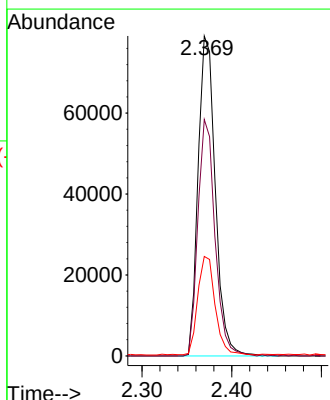
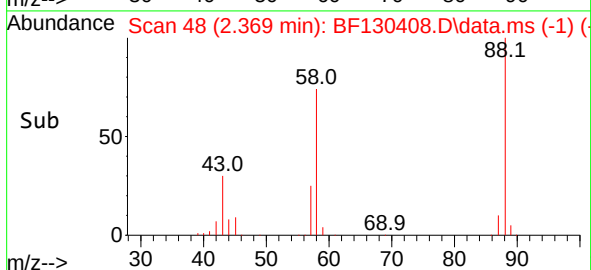
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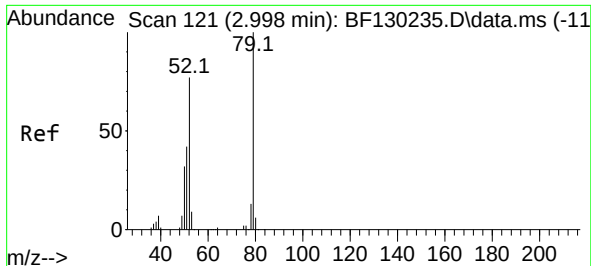


#2
 1,4-Dioxane
 Concen: 34.126 ng
 RT: 2.369 min Scan# 48
 Delta R.T. 0.141 min
 Lab File: BF130408.D
 Acq: 26 Sep 2022 14:57



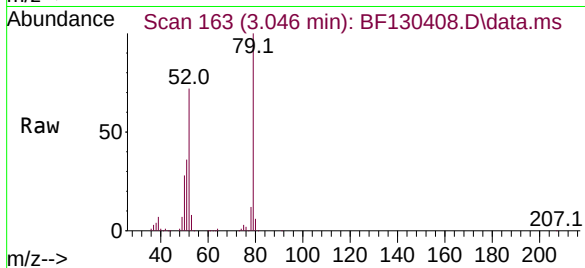
Tgt Ion: 88 Resp: 105182
 Ion Ratio Lower Upper
 88 100
 58 73.3 61.3 91.9
 43 31.0 23.0 34.6





#3
Pyridine
Concen: 35.466 ng
RT: 3.046 min Scan# 10
Delta R.T. 0.135 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

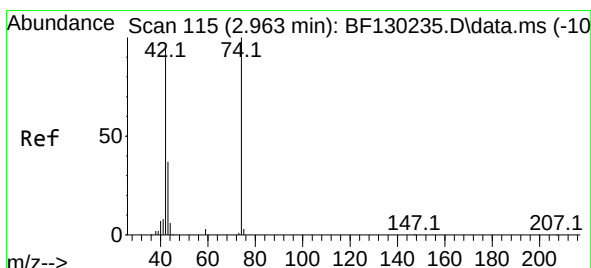
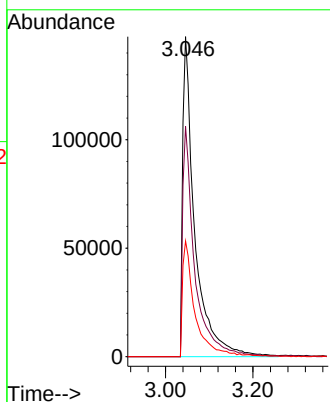
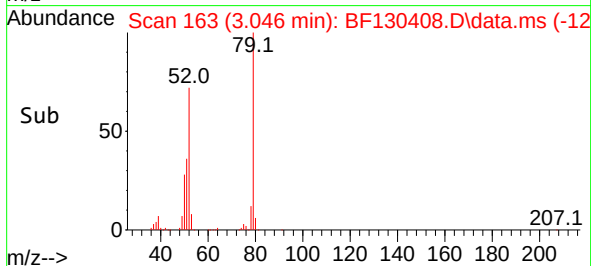
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BNA_F
ClientSampleId :
PB147858BS



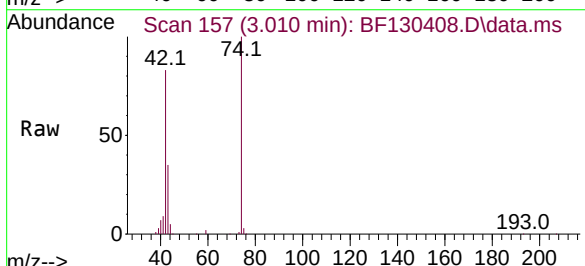
Tgt Ion: 79 Resp: 28515
Ion Ratio Lower Upper
79 100
52 71.9 62.4 93.6
51 36.1 32.2 48.4

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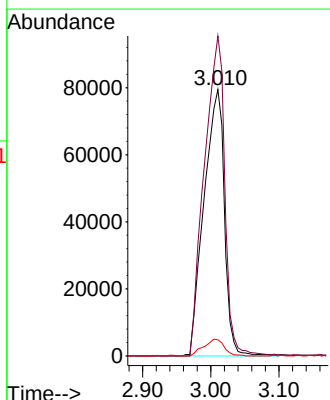
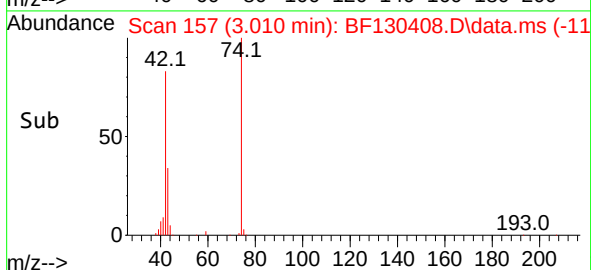
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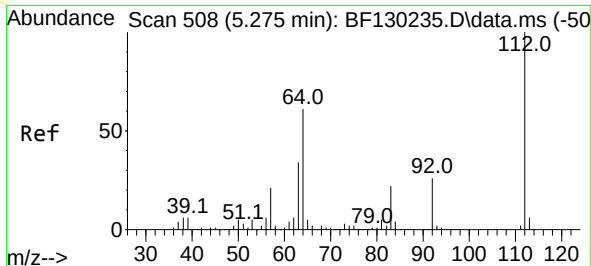


#4
n-Nitrosodimethylamine
Concen: 37.721 ng
RT: 3.010 min Scan# 157
Delta R.T. 0.141 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



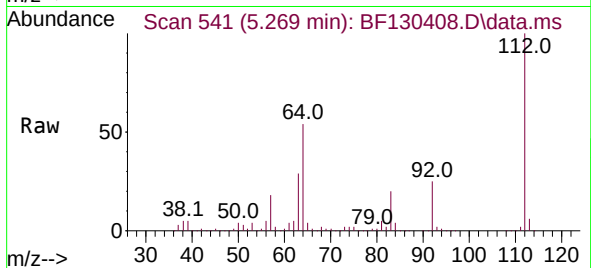
Tgt Ion: 42 Resp: 164951
Ion Ratio Lower Upper
42 100
74 120.1 88.4 132.6
44 6.0 5.0 7.4





#5
2-Fluorophenol
Concen: 97.901 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.024 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

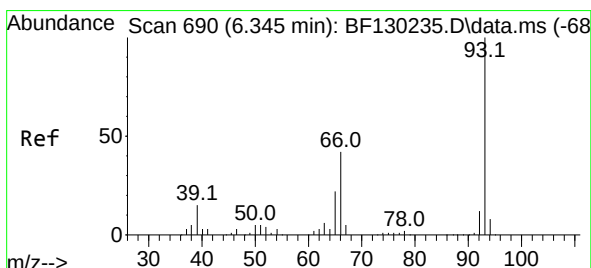
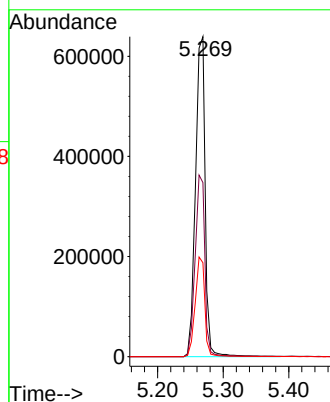
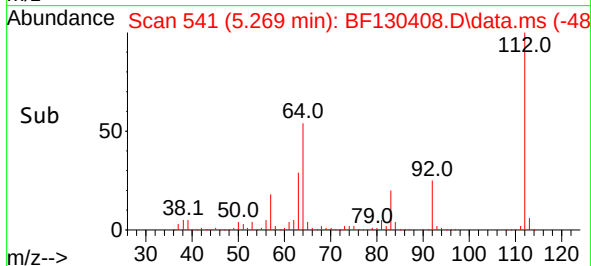
Instrument :
BNA_F
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PB147858BS



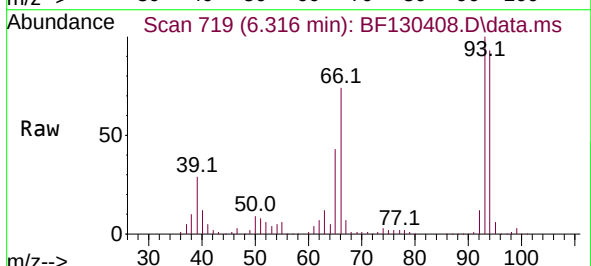
Tgt Ion:112 Resp: 657036
Ion Ratio Lower Upper
112 100
64 54.4 51.4 77.0
63 29.3 28.8 43.2

Manual Integrations
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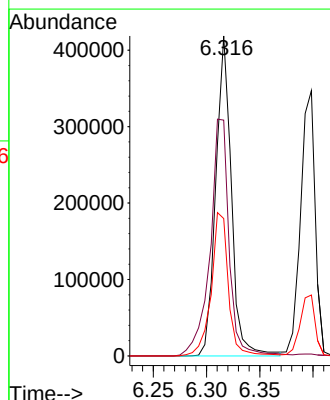
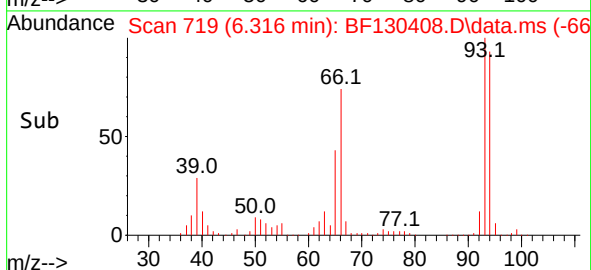
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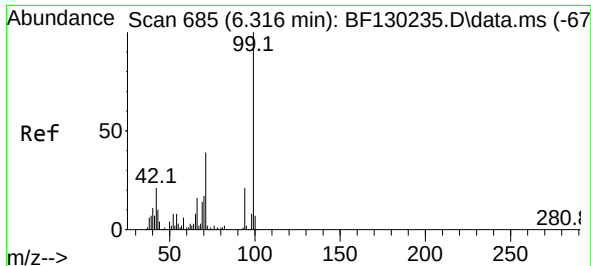


#6
Aniline
Concen: 41.289 ng
RT: 6.316 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion: 93 Resp: 427198
Ion Ratio Lower Upper
93 100
66 73.7 34.2 51.4#
65 42.9 16.6 24.8#





#7

Phenol-d6

Concen: 94.561 ng

RT: 6.298 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF130408.D

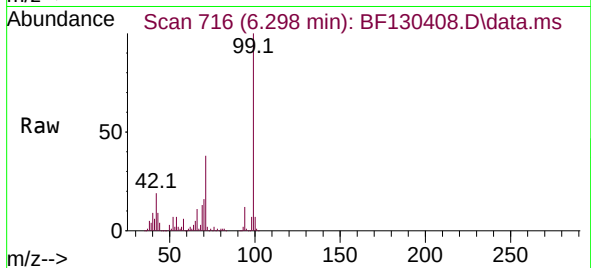
Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS



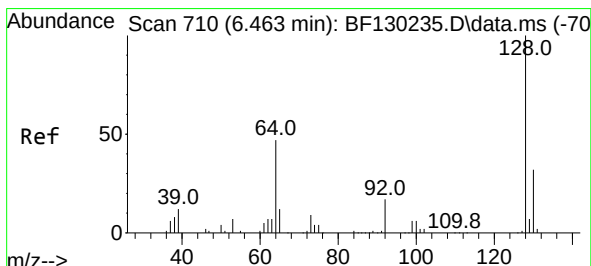
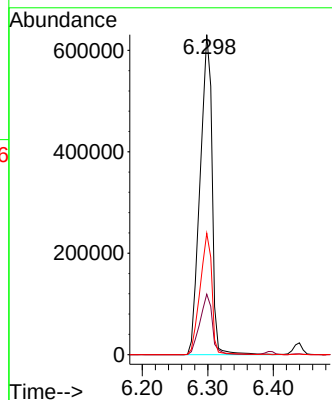
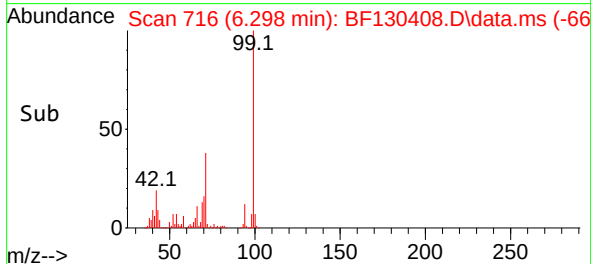
Tgt Ion: 99 Resp: 794054

Ion	Ratio	Lower	Upper
99	100		
42	18.9	17.0	25.6
71	37.9	32.3	48.5

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#8

2-Chlorophenol

Concen: 48.568 ng

RT: 6.440 min Scan# 740

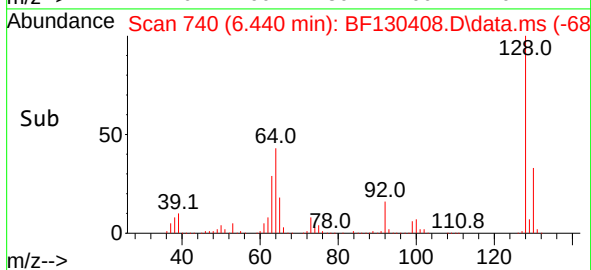
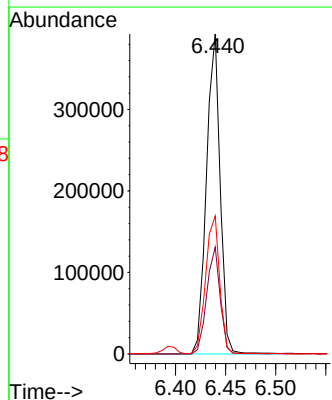
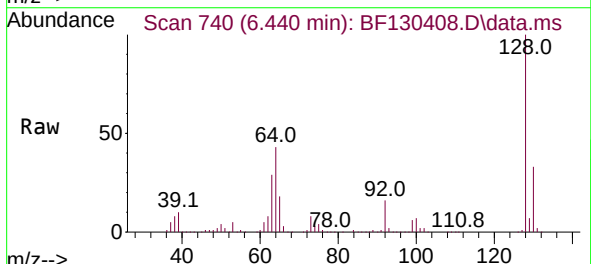
Delta R.T. 0.000 min

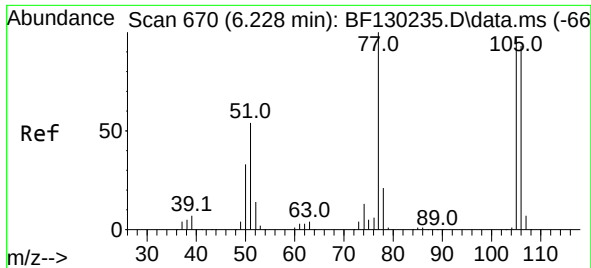
Lab File: BF130408.D

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Tgt Ion:128 Resp: 371296

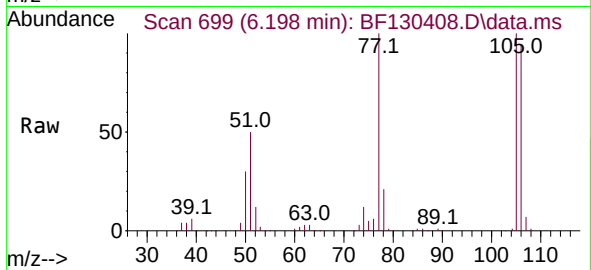
Ion	Ratio	Lower	Upper
128	100		
130	33.4	12.4	52.4
64	43.1	31.6	71.6





#9
Benzaldehyde
Concen: 36.143 ng
RT: 6.198 min Scan# 699
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

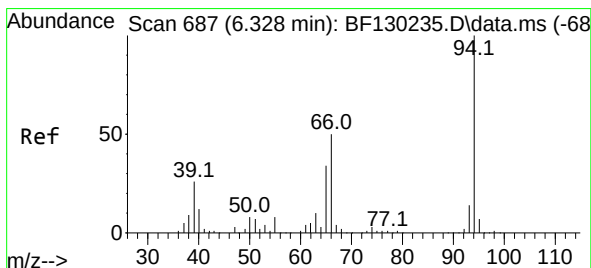
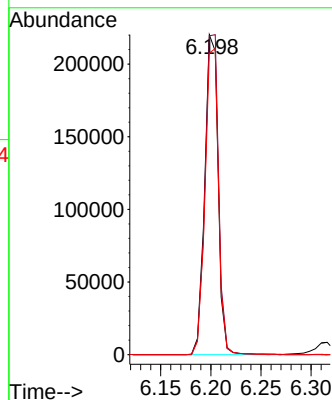
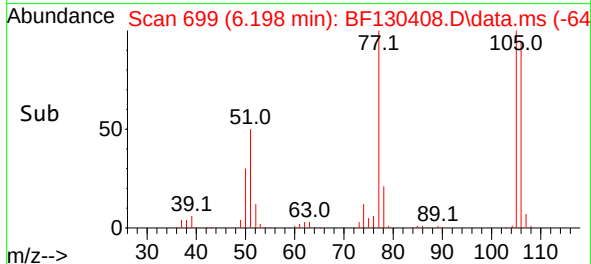
Instrument :
BNA_F
Client Sample Id :
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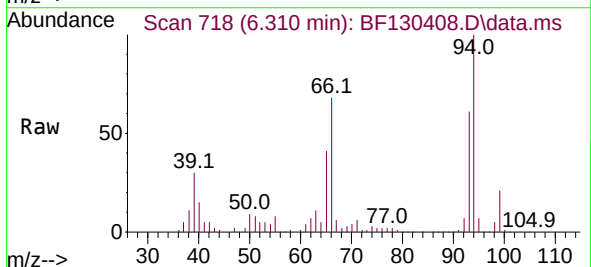
Tgt Ion: 77 Resp: 203301
Ion Ratio Lower Upper
77 100
105 99.7 75.1 115.1
106 94.2 69.7 109.7

Manual Integrations
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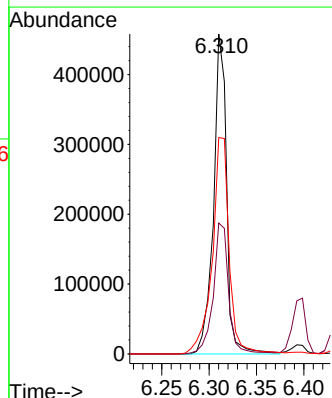
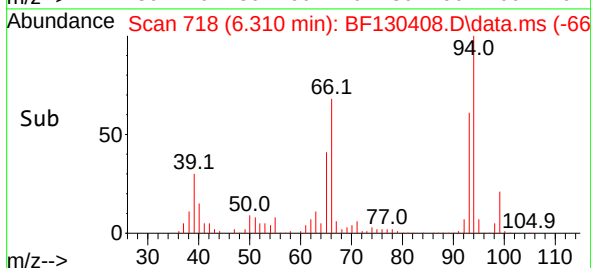
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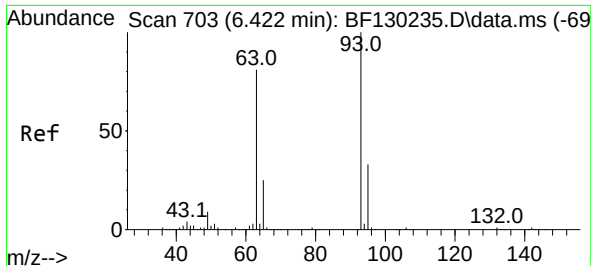


#10
Phenol
Concen: 44.945 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion: 94 Resp: 442288
Ion Ratio Lower Upper
94 100
65 40.9 14.1 54.1
66 67.6 28.1 68.1





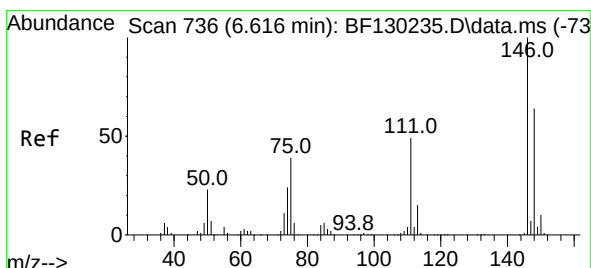
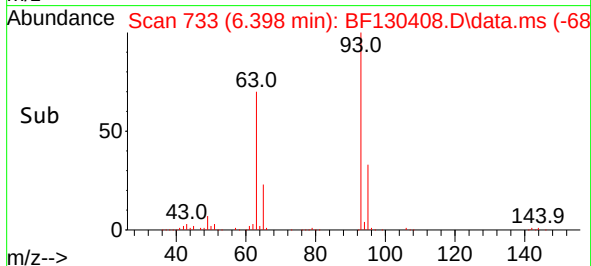
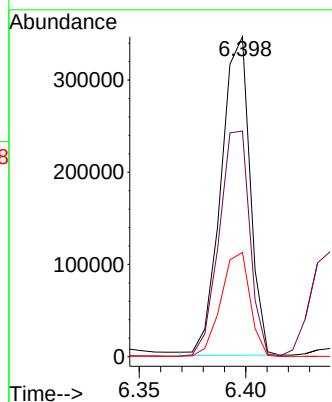
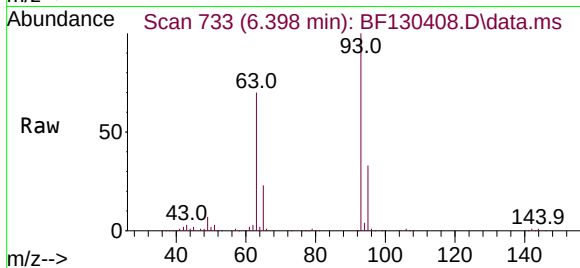
#11
bis(2-Chloroethyl)ether
Concen: 46.212 ng
RT: 6.398 min Scan# 713
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :
BNA_F
ClientSampleId :
PB147858BS

Tgt Ion: 93 Resp: 328013
Ion Ratio Lower Upper
93 100
63 70.5 62.5 102.5
95 32.6 12.5 52.5

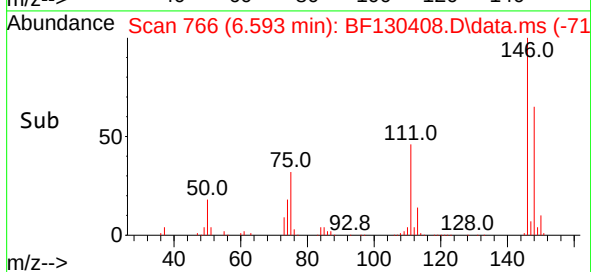
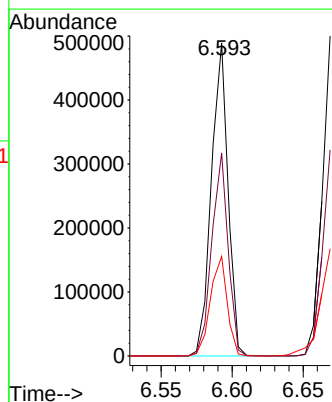
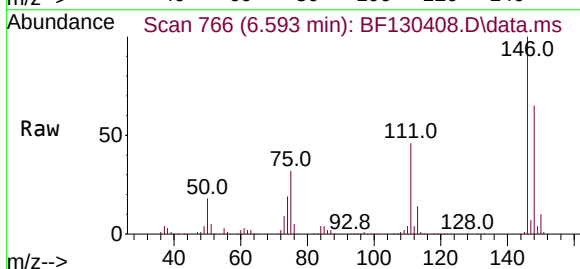
Manual Integrations
APPROVED

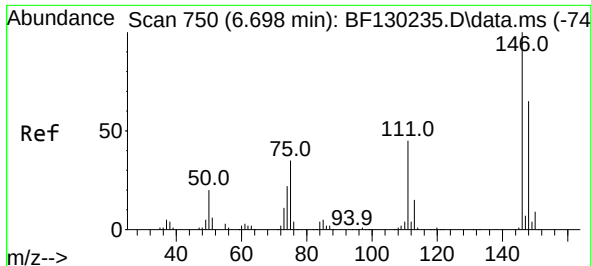
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#12
1,3-Dichlorobenzene
Concen: 47.268 ng
RT: 6.593 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Tgt Ion:146 Resp: 397617
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 31.8 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 46.972 ng

RT: 6.669 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

Tgt Ion:146 Resp: 402938

Ion Ratio Lower Upper

146 100

148 64.4 50.3 75.5

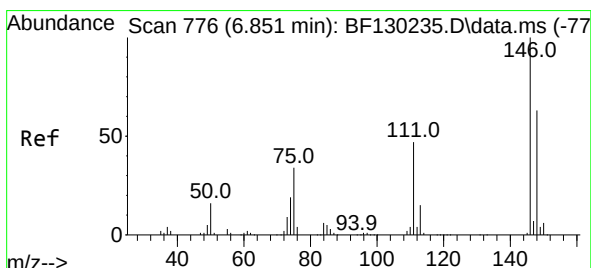
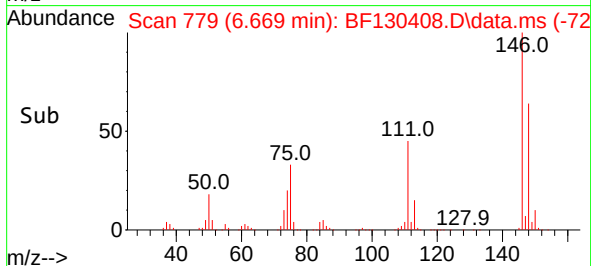
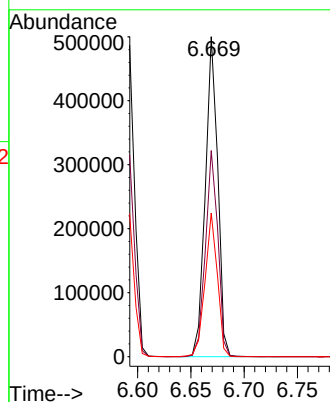
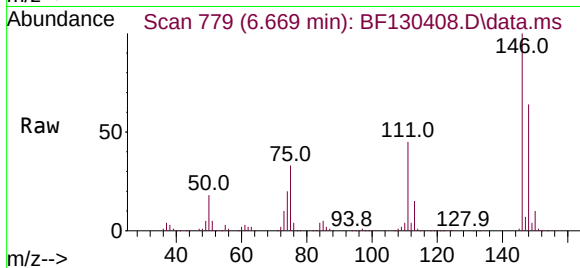
111 44.9 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#14

1,2-Dichlorobenzene

Concen: 47.627 ng

RT: 6.822 min Scan# 805

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

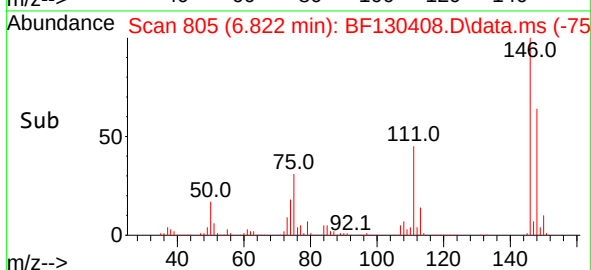
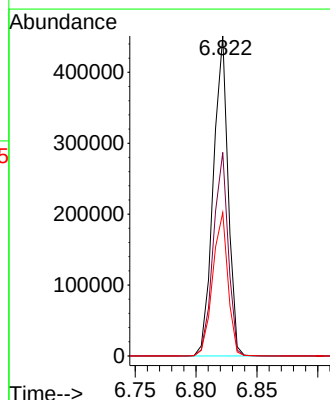
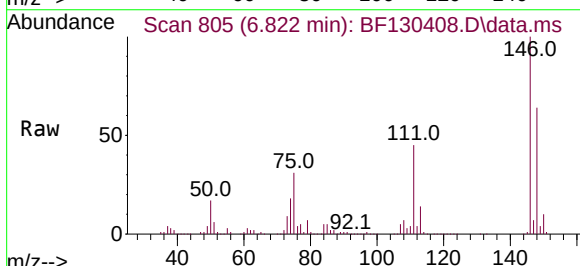
Tgt Ion:146 Resp: 381652

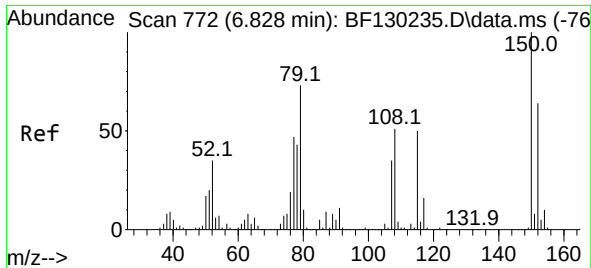
Ion Ratio Lower Upper

146 100

148 63.6 51.6 77.4

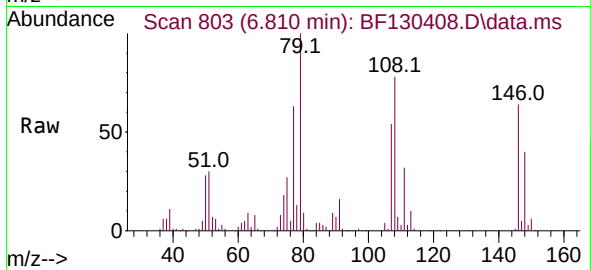
111 44.8 39.2 58.8





#15
Benzyl Alcohol
Concen: 36.935 ng
RT: 6.810 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

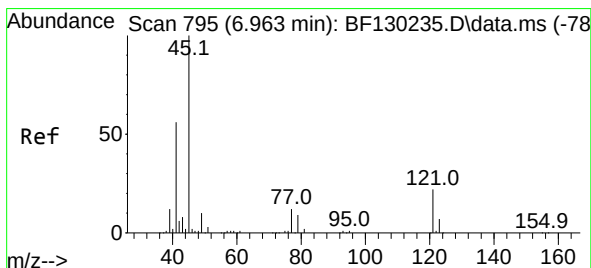
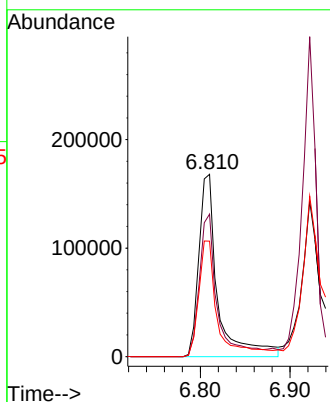
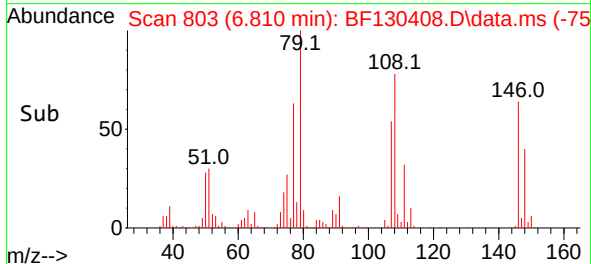
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion: 79 Resp: 245906
Ion Ratio Lower Upper
79 100
108 78.2 54.0 81.0
77 63.3 51.3 76.9

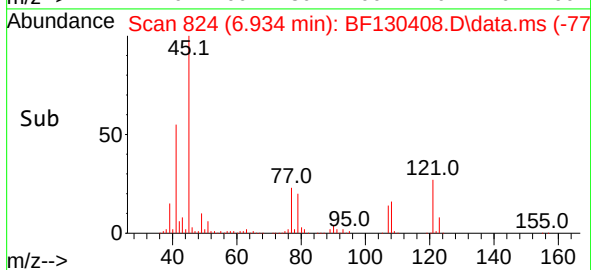
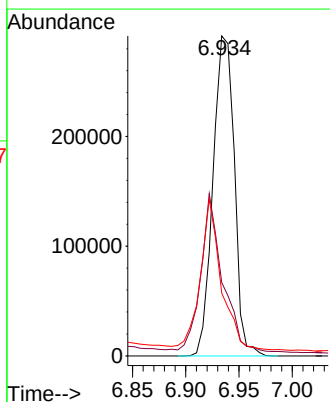
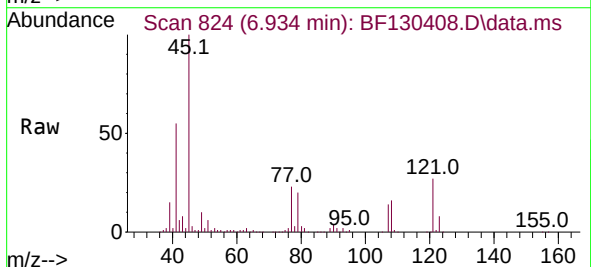
Manual Integrations
APPROVED

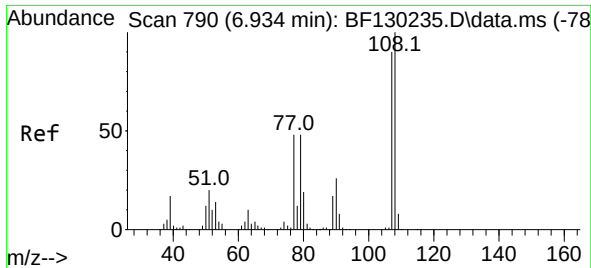
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.392 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

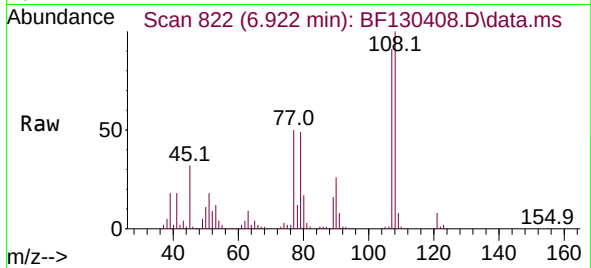
Tgt Ion: 45 Resp: 407801
Ion Ratio Lower Upper
45 100
77 23.0 0.0 34.9
79 19.6 0.0 31.0





#17
2-Methylphenol
Concen: 49.616 ng
RT: 6.922 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :
BNA_F
ClientSampleId :
PB147858BS

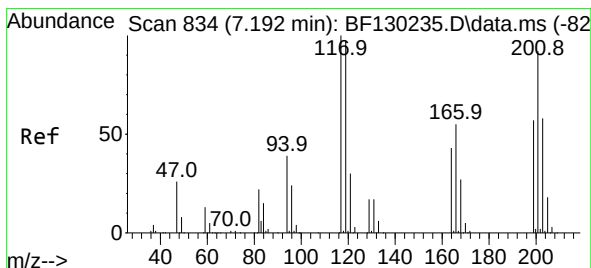
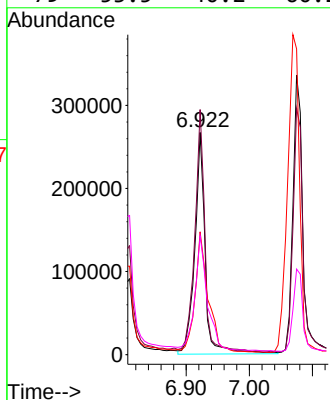
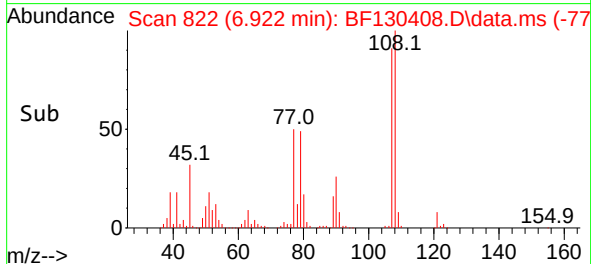


Tgt Ion:107 Resp: 308342

Ion	Ratio	Lower	Upper
107	100		
108	110.2	89.4	134.0
77	55.3	40.6	60.8
79	53.5	40.2	60.2

Manual Integrations
APPROVED

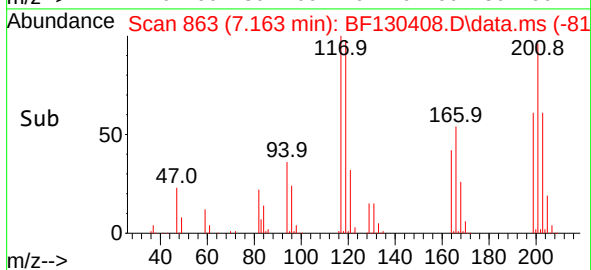
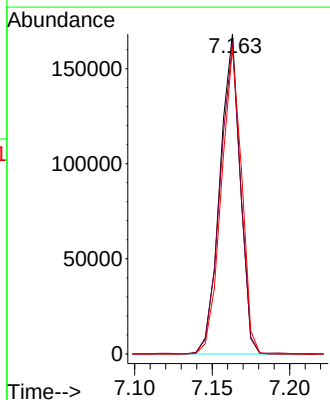
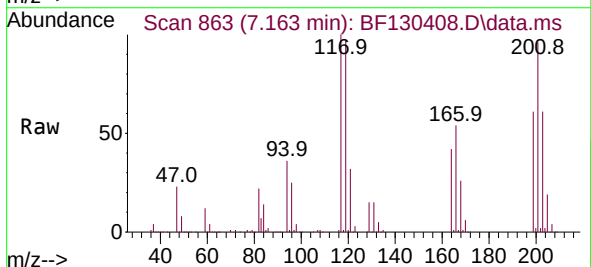
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

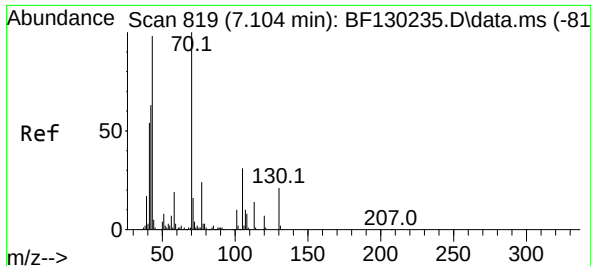


#18
Hexachloroethane
Concen: 45.273 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Tgt Ion:117 Resp: 153085

Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.8	116.6
201	95.6	68.7	103.1





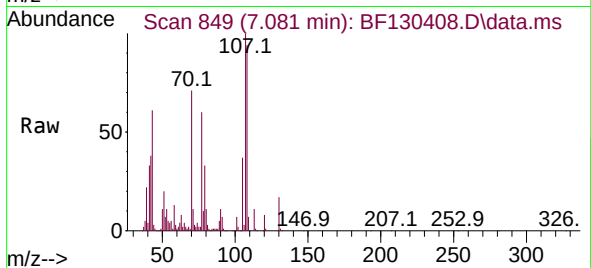
#19
n-Nitroso-di-n-propylamine
Concen: 43.291 ng
RT: 7.081 min Scan# 848
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

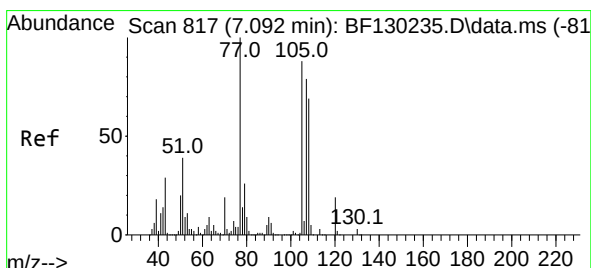
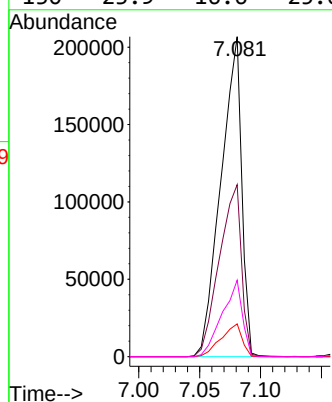
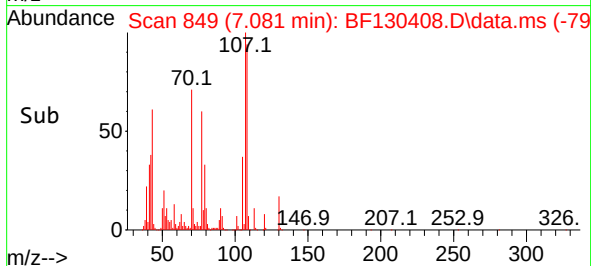


Tgt Ion: 70 Resp: 245296
Ion Ratio Lower Upper
70 100
42 53.7 50.8 76.2
101 10.3 8.2 12.4
130 23.9 16.6 25.0

Manual Integrations

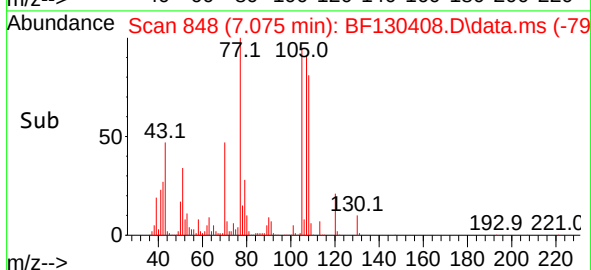
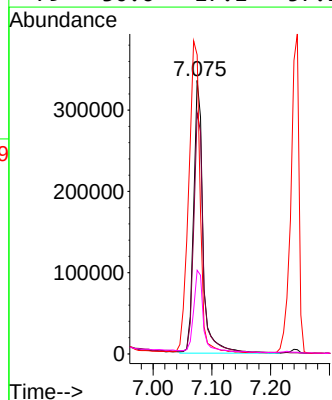
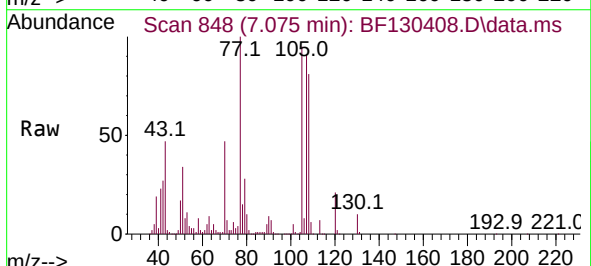
APPROVED

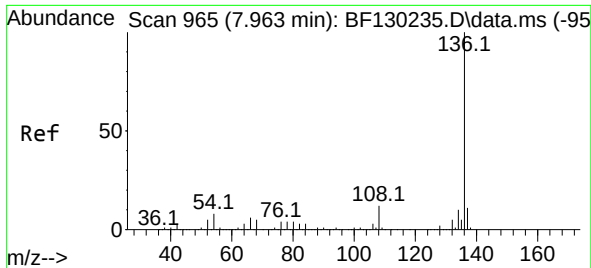
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#20
3+4-Methylphenols
Concen: 46.353 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

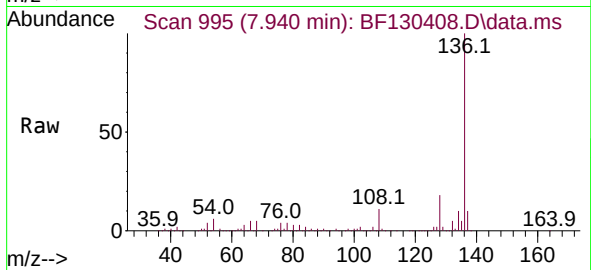
Tgt Ion:107 Resp: 374211
Ion Ratio Lower Upper
107 100
108 88.1 74.8 114.8
77 109.3 125.8 165.8#
79 30.6 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.940 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

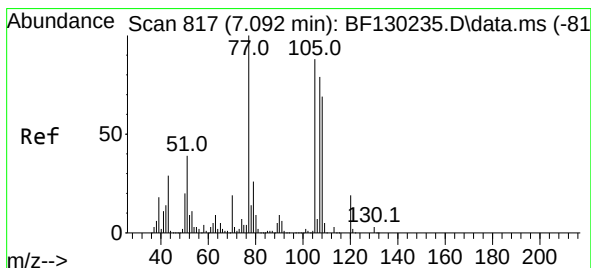
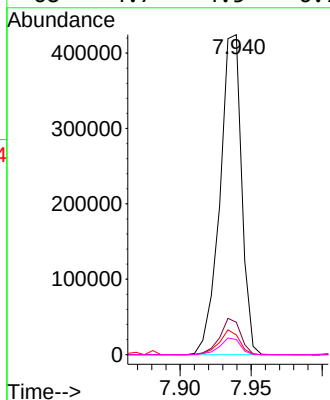
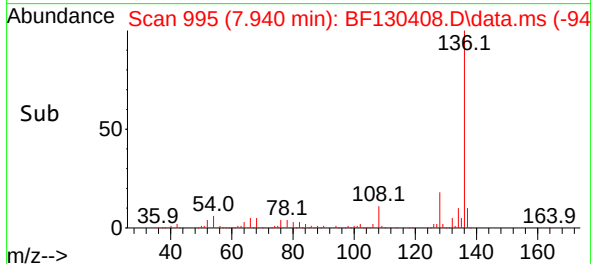
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion:136 Resp: 450166
Ion Ratio Lower Upper
136 100
137 10.1 9.1 13.7
54 6.2 7.1 10.7
68 4.7 4.5 6.7

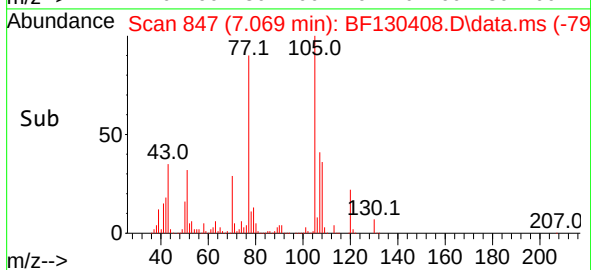
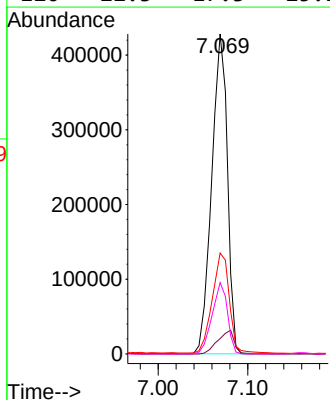
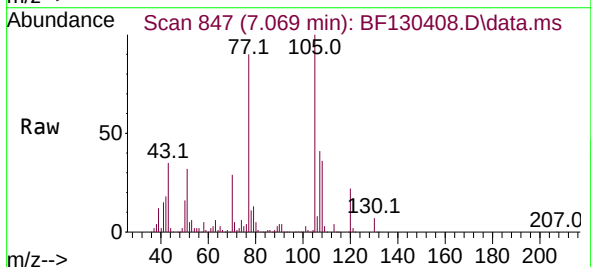
Manual Integrations
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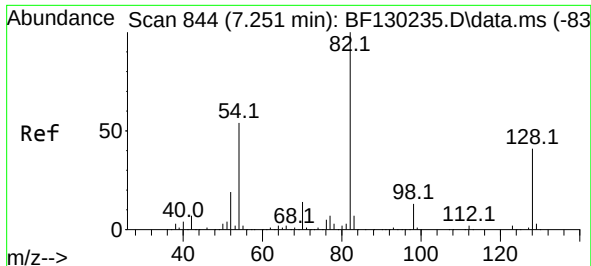
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#22
Acetophenone
Concen: 47.122 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Tgt Ion:105 Resp: 518619
Ion Ratio Lower Upper
105 100
71 4.8 3.9 5.9
51 31.5 32.2 48.2
120 22.3 17.3 25.9





#23

Nitrobenzene-d5

Concen: 84.378 ng

RT: 7.228 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF130408.D

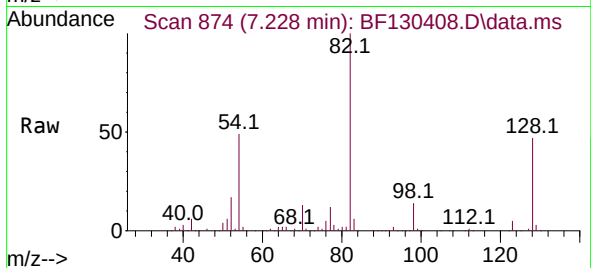
Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS



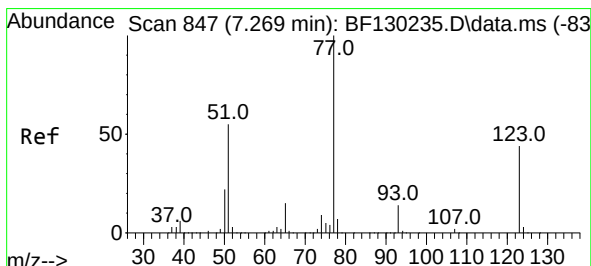
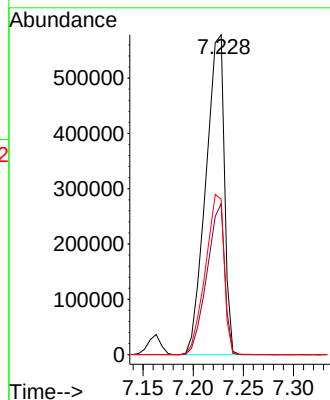
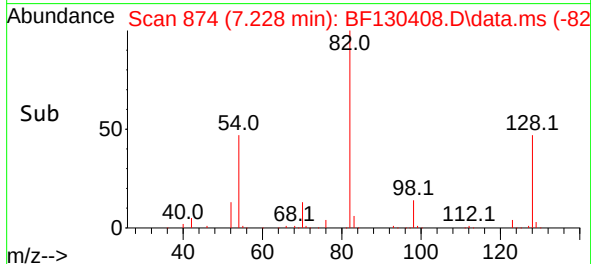
Tgt Ion: 82 Resp: 743492

Ion	Ratio	Lower	Upper
82	100		
128	47.1	32.6	49.0
54	48.6	43.8	65.6

Manual Integrations

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



#24

Nitrobenzene

Concen: 42.387 ng

RT: 7.245 min Scan# 877

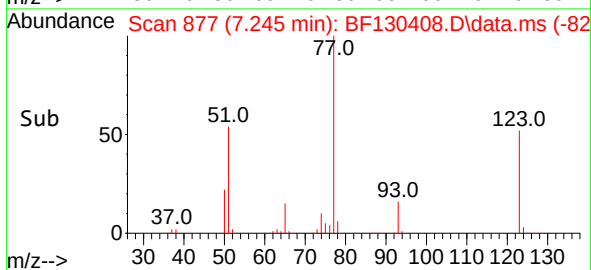
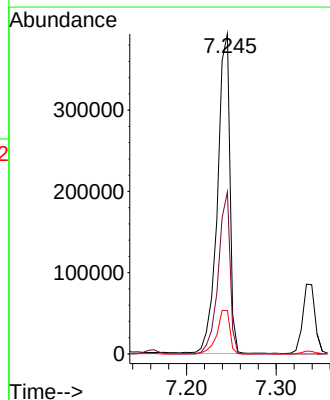
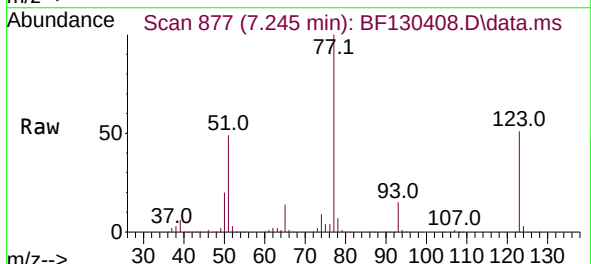
Delta R.T. 0.006 min

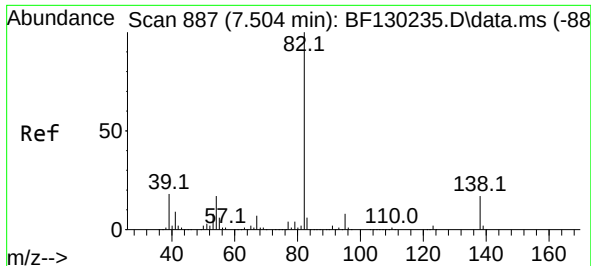
Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Tgt Ion: 77 Resp: 379246

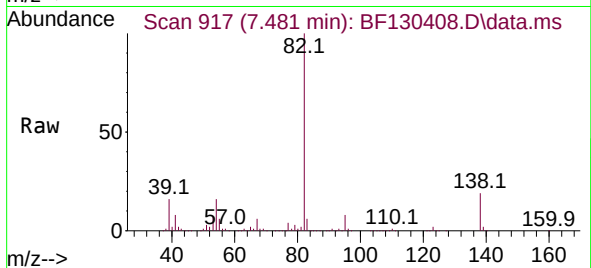
Ion	Ratio	Lower	Upper
77	100		
123	50.6	34.3	51.5
65	13.6	12.0	18.0





#25
Isophorone
Concen: 46.877 ng
RT: 7.481 min Scan# 917
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

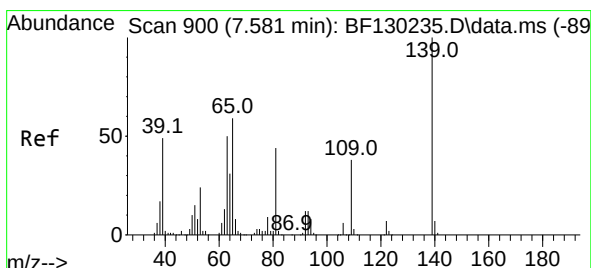
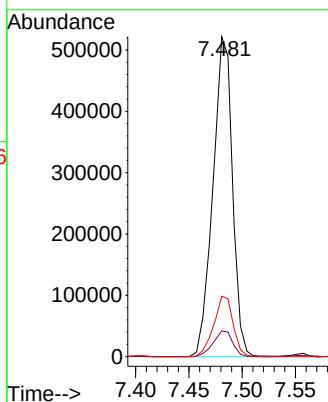
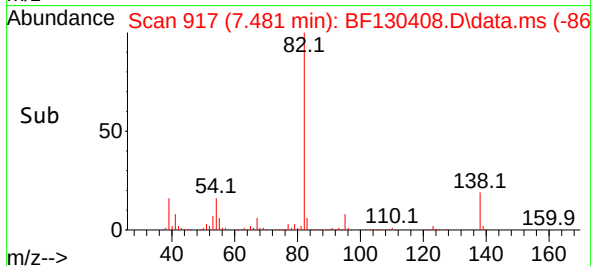
Instrument :
BNA_F
ClientSampleId :
PB147858BS



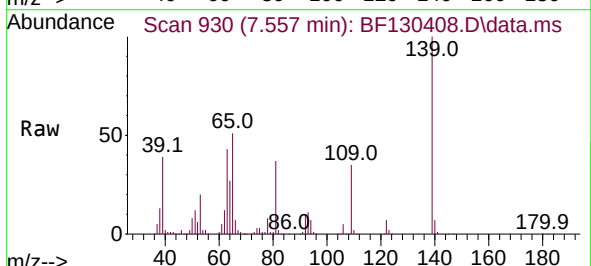
Tgt Ion: 82 Resp: 665745
Ion Ratio Lower Upper
82 100
95 8.0 6.4 9.6
138 18.9 13.8 20.6

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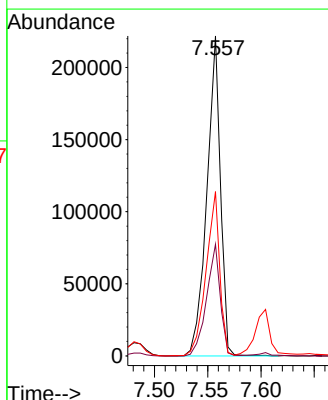
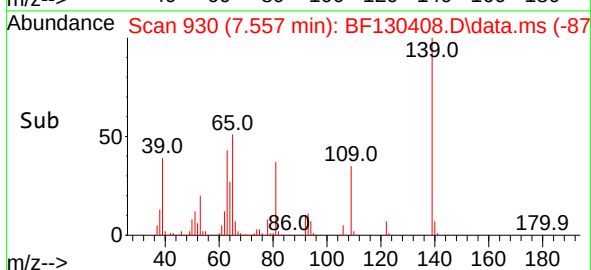
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

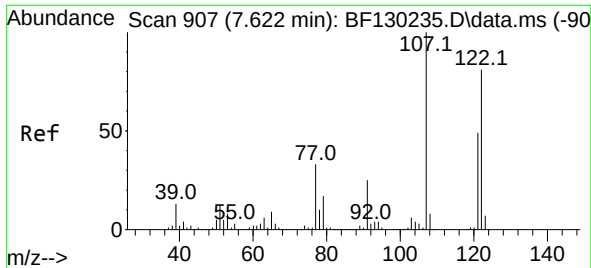


#26
2-Nitrophenol
Concen: 53.756 ng
RT: 7.557 min Scan# 930
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:139 Resp: 197161
Ion Ratio Lower Upper
139 100
109 34.9 30.2 45.4
65 51.3 48.9 73.3





#27

2,4-Dimethylphenol

Concen: 52.738 ng

RT: 7.604 min Scan# 938

Delta R.T. 0.006 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

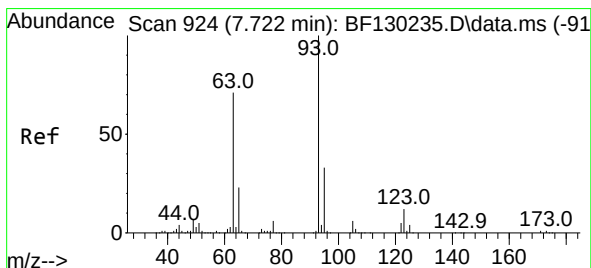
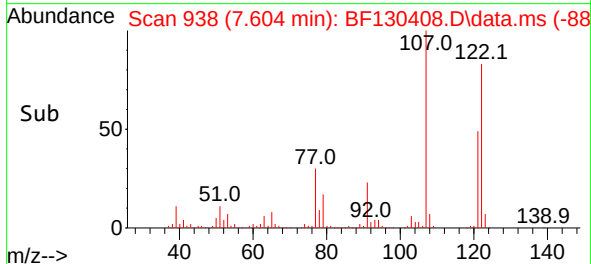
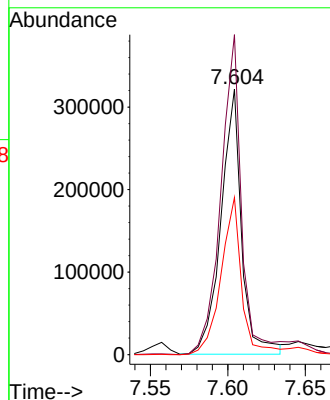
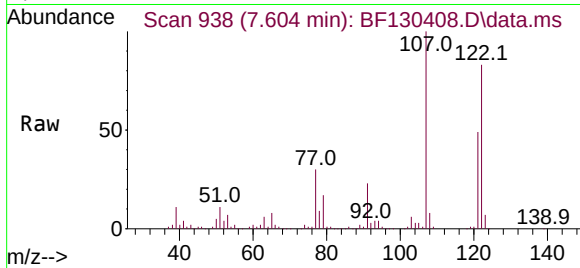
PB147858BS

Tgt Ion:122 Resp: 297828
 Ion Ratio Lower Upper
 122 100
 107 120.5 100.2 150.2
 121 59.2 47.8 71.8

Manual Integrations

APPROVED

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



#28

bis(2-Chloroethoxy)methane

Concen: 49.604 ng

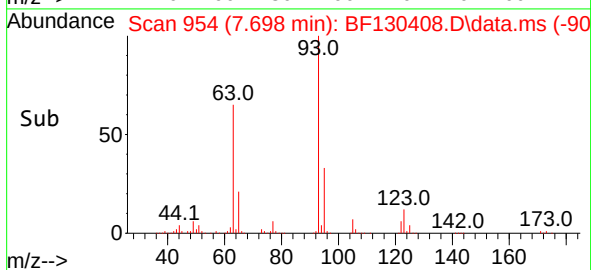
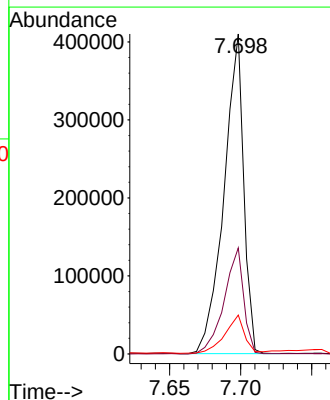
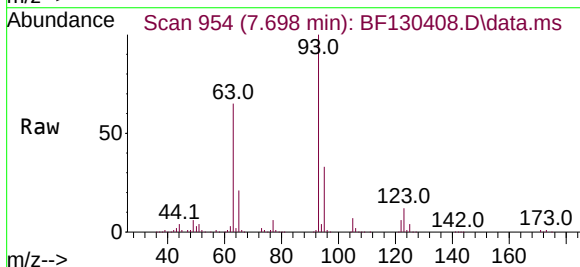
RT: 7.698 min Scan# 954

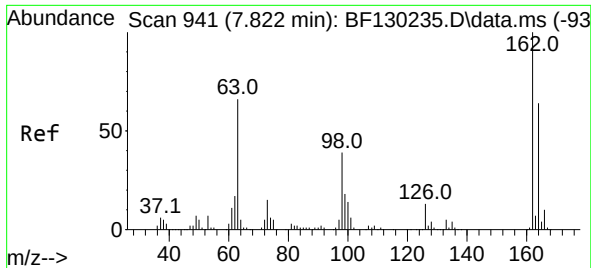
Delta R.T. 0.006 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Tgt Ion: 93 Resp: 396685
 Ion Ratio Lower Upper
 93 100
 95 33.1 26.3 39.5
 123 12.1 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 48.962 ng

RT: 7.804 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

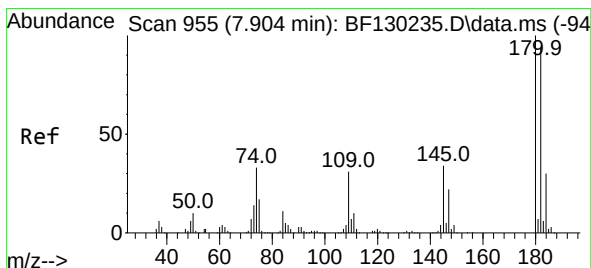
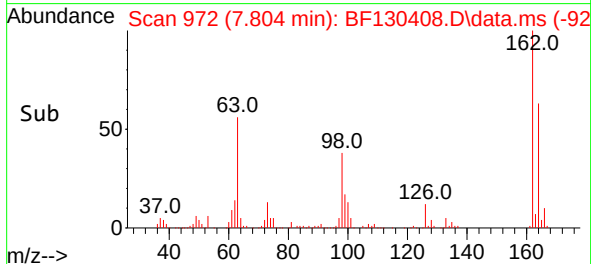
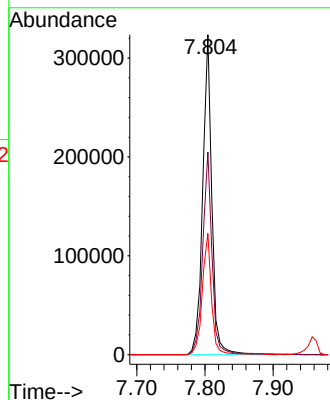
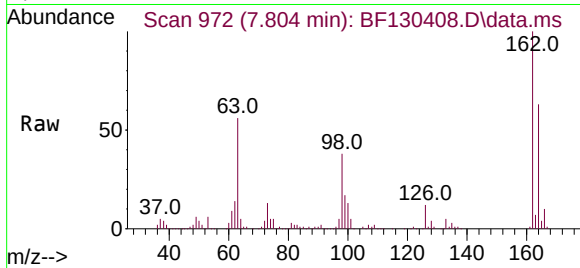
PB147858BS

Tgt Ion:162	Resp:	303005
Ion Ratio	Lower	Upper
162	100	
164	63.3	42.2 82.2
98	37.9	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: 47.789 ng

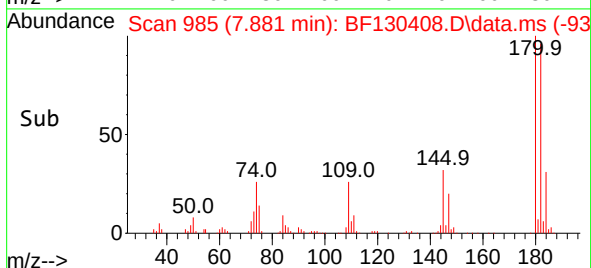
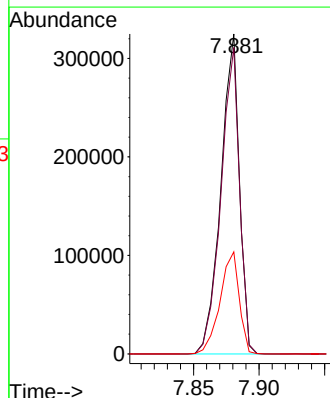
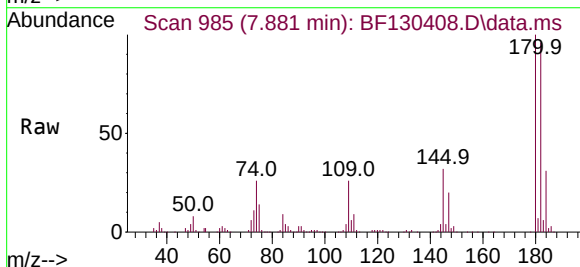
RT: 7.881 min Scan# 985

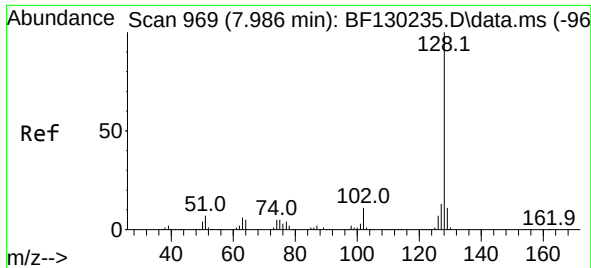
Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

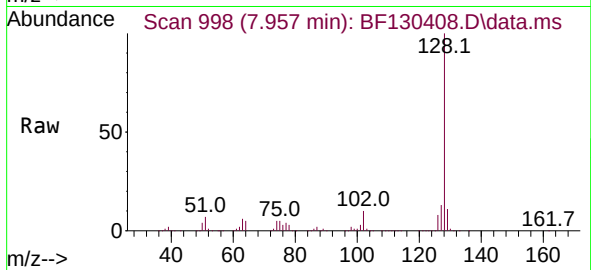
Tgt Ion:180	Resp:	319744
Ion Ratio	Lower	Upper
180	100	
182	95.7	73.3 109.9
145	31.9	28.3 42.5





#31
Naphthalene
Concen: 45.895 ng
RT: 7.957 min Scan# 99
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

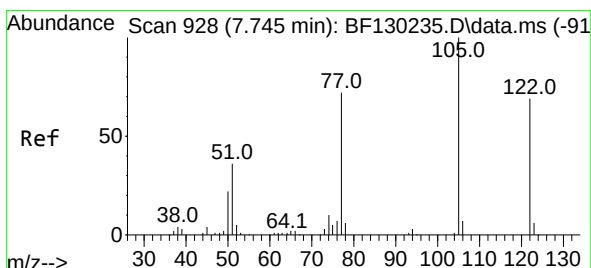
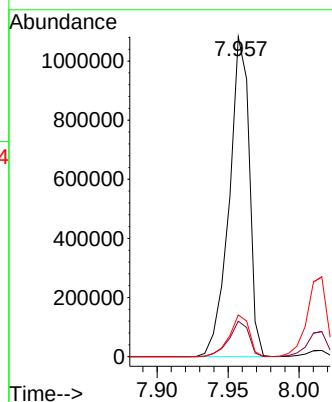
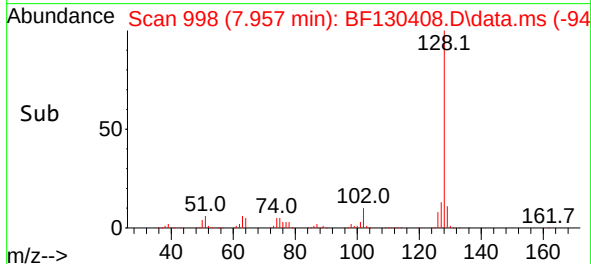
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion:128 Resp: 1064395
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.0 10.6 16.0

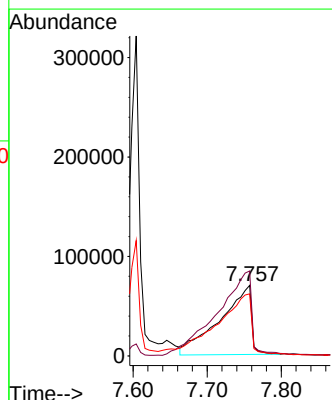
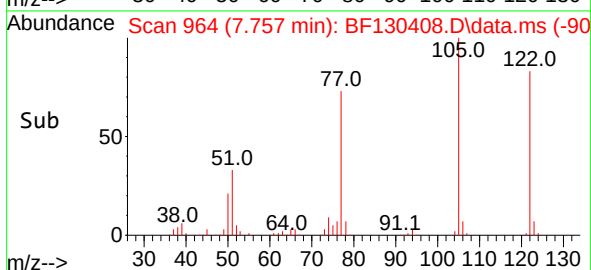
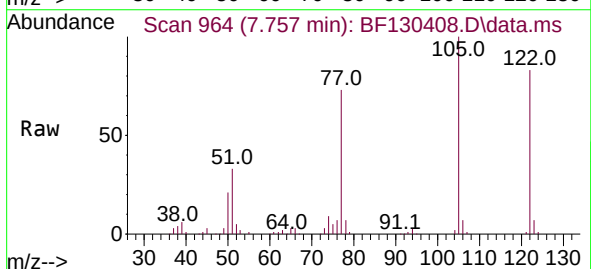
Manual Integrations
APPROVED

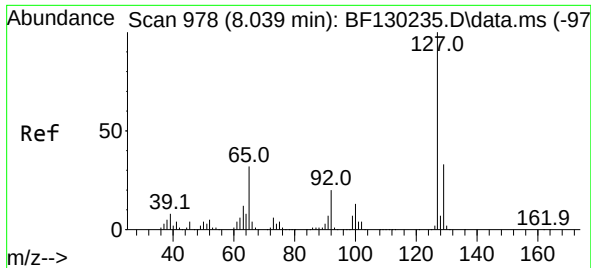
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#32
Benzoic acid
Concen: 46.951 ng
RT: 7.757 min Scan# 964
Delta R.T. 0.029 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Tgt Ion:122 Resp: 205045
Ion Ratio Lower Upper
122 100
105 120.4 112.9 152.9
77 88.0 82.8 122.8





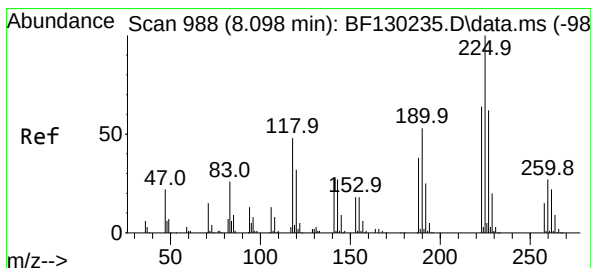
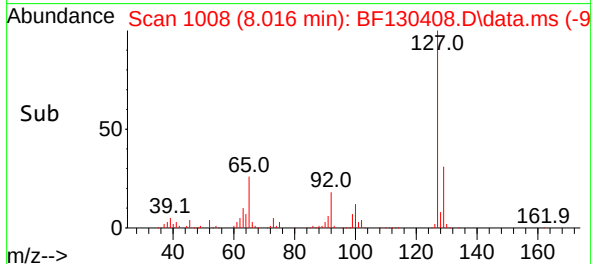
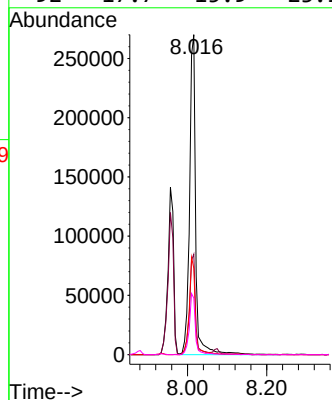
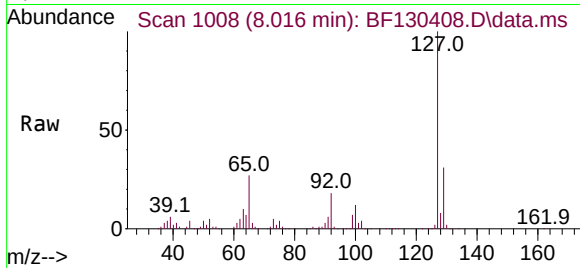
#33
4-Chloroaniline
Concen: 32.865 ng
RT: 8.016 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :
BNA_F
ClientSampleId :
PB147858BS

Tgt Ion:127 Resp: 289890
Ion Ratio Lower Upper
127 100
129 31.4 25.6 38.4
65 27.0 27.0 40.6
92 17.7 15.9 23.9

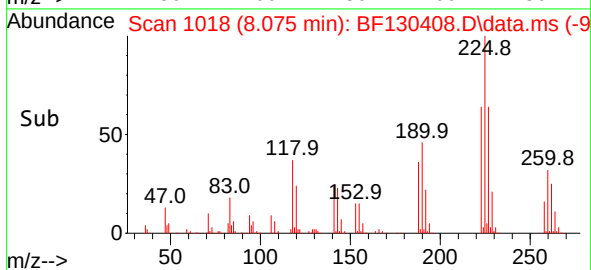
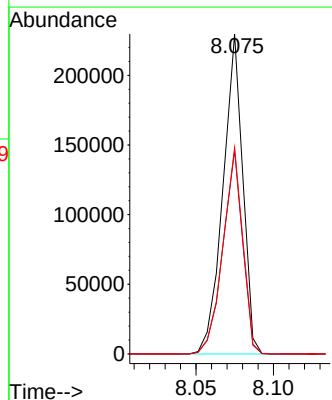
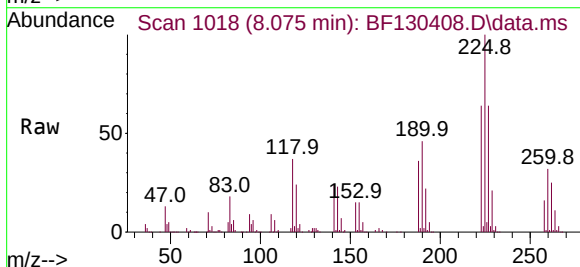
Manual Integrations
APPROVED

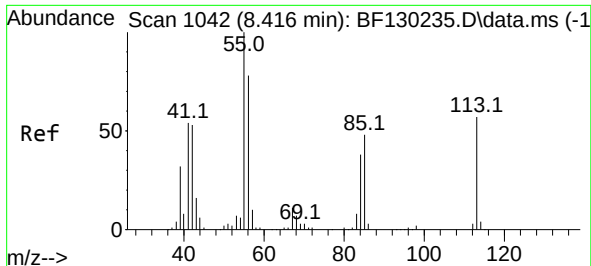
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#34
Hexachlorobutadiene
Concen: 47.638 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Tgt Ion:225 Resp: 203702
Ion Ratio Lower Upper
225 100
223 63.6 50.3 75.5
227 64.5 51.1 76.7





#35

Caprolactam

Concen: 54.567 ng m

RT: 8.398 min Scan# 1042

Delta R.T. 0.012 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

Tgt Ion:113 Resp: 96810

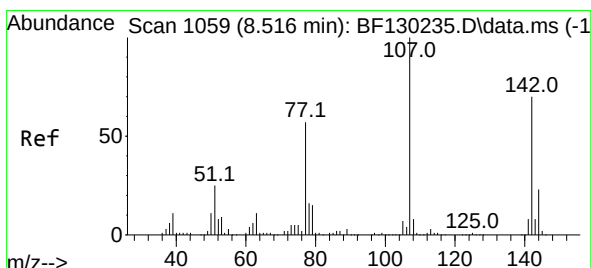
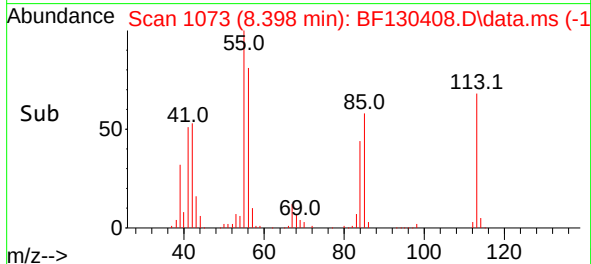
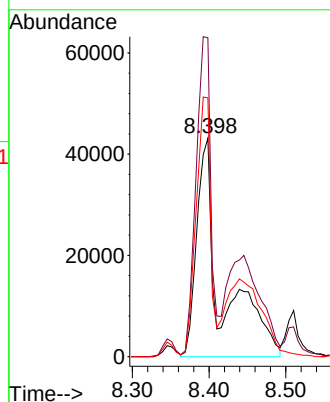
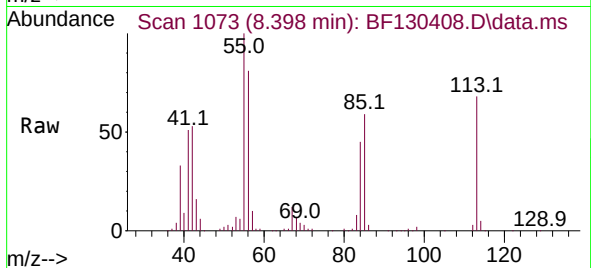
Ion	Ratio	Lower	Upper
113	100		
55	146.1	155.4	195.4
56	118.6	120.4	160.4

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: 49.259 ng

RT: 8.510 min Scan# 1092

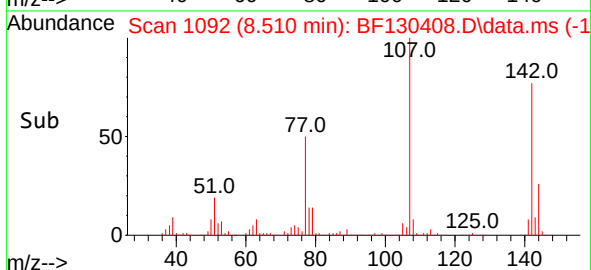
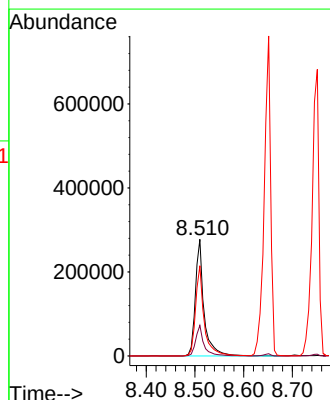
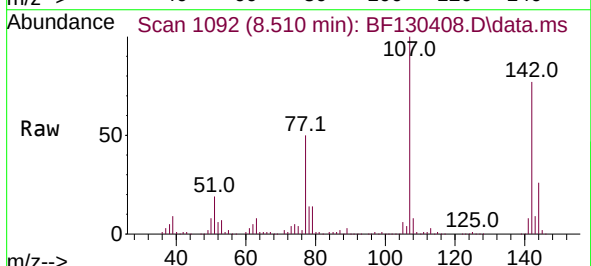
Delta R.T. 0.006 min

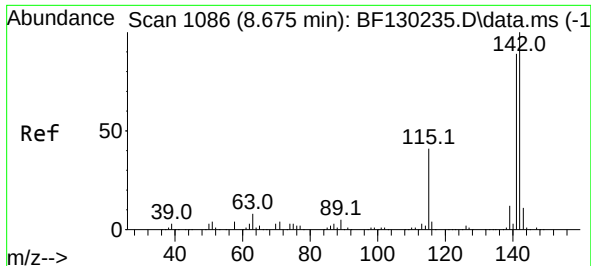
Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Tgt Ion:107 Resp: 337894

Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.0	30.0
142	77.4	61.3	91.9





#37

2-Methylnaphthalene

Concen: 46.970 ng

RT: 8.651 min Scan# 1116

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

Tgt Ion:142 Resp: 694544

Ion Ratio Lower Upper

142 100

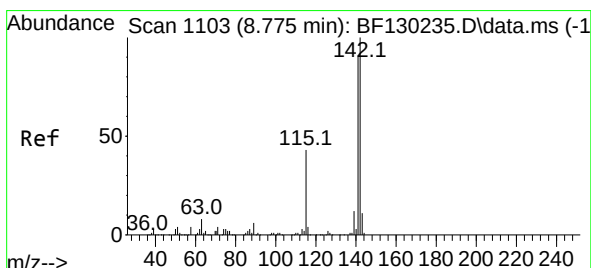
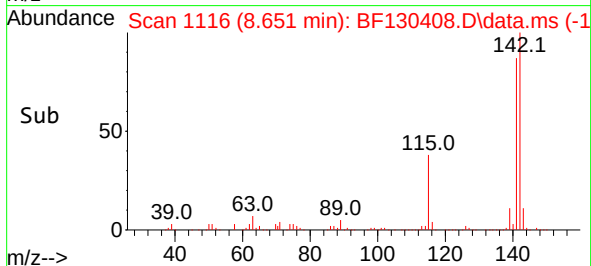
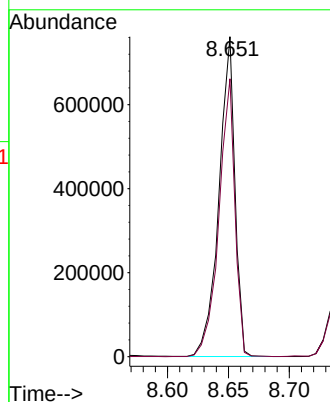
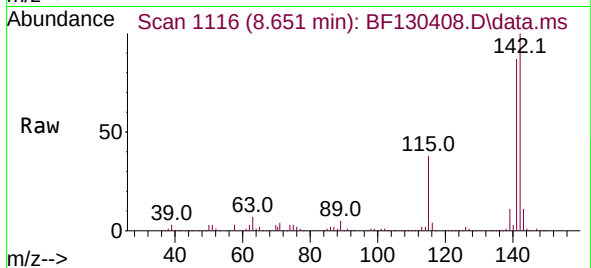
141 86.8 70.0 105.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#38

1-Methylnaphthalene

Concen: 46.016 ng

RT: 8.751 min Scan# 1133

Delta R.T. 0.006 min

Lab File: BF130408.D

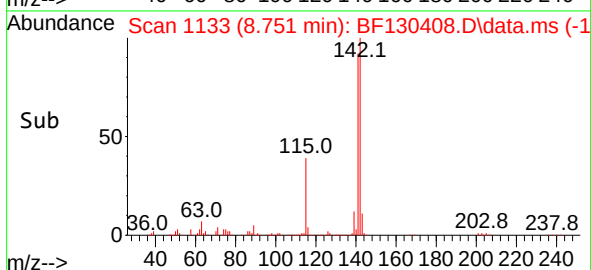
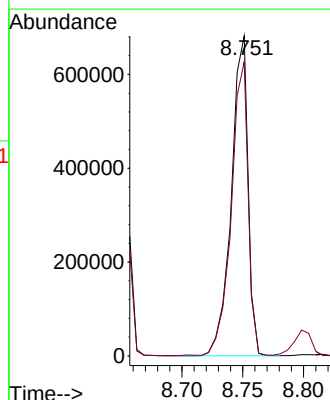
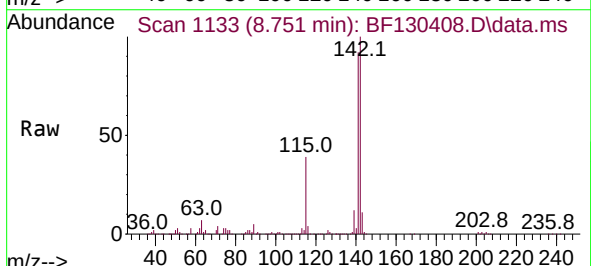
Acq: 26 Sep 2022 14:57

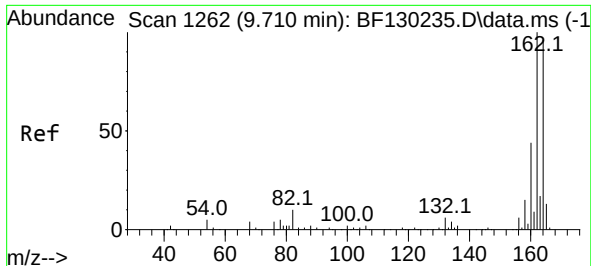
Tgt Ion:142 Resp: 653666

Ion Ratio Lower Upper

142 100

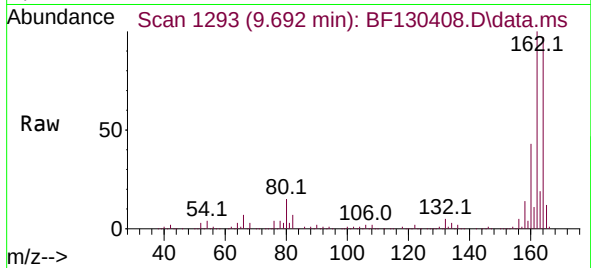
141 91.9 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.692 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

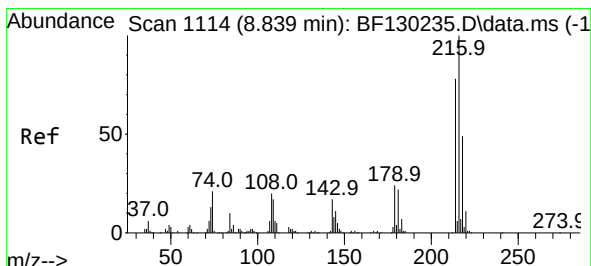
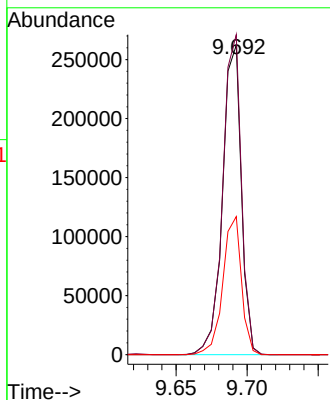
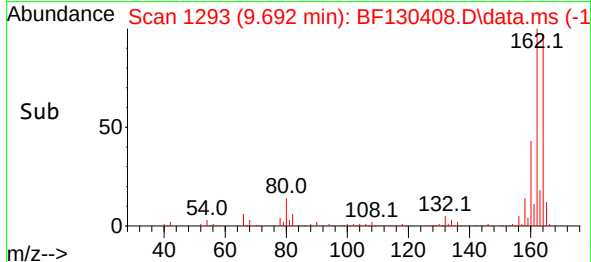
Instrument :
BNA_F
ClientSampleId :
PB147858BS



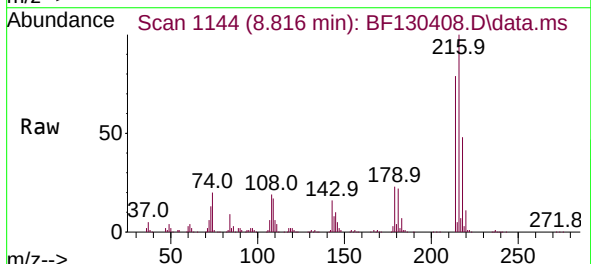
Tgt Ion:164 Resp: 242356
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 44.6 36.2 54.4

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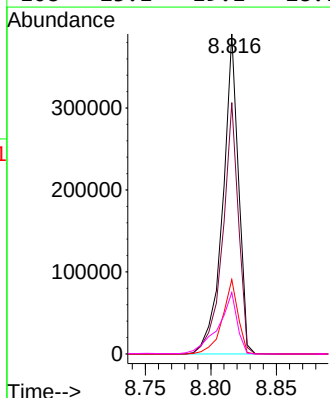
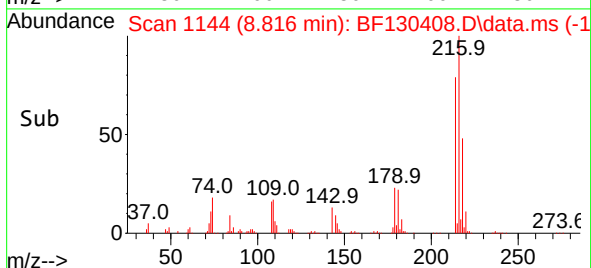
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

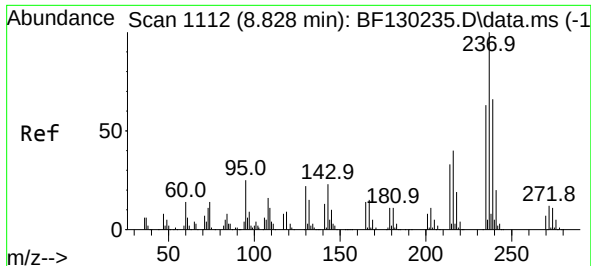


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.133 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



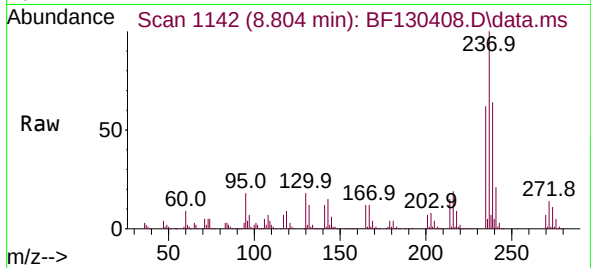
Tgt Ion:216 Resp: 324965
Ion Ratio Lower Upper
216 100
214 78.2 62.8 94.2
179 23.1 19.5 29.3
108 23.1 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 114.970 ng
RT: 8.804 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

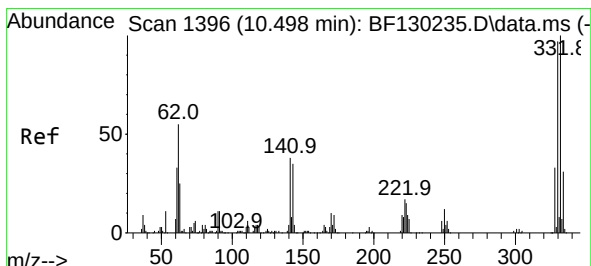
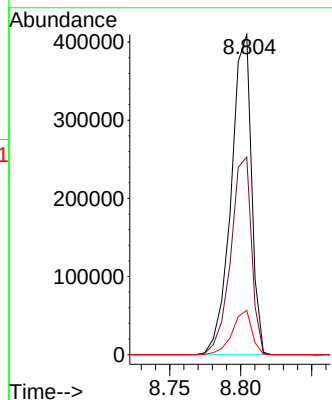
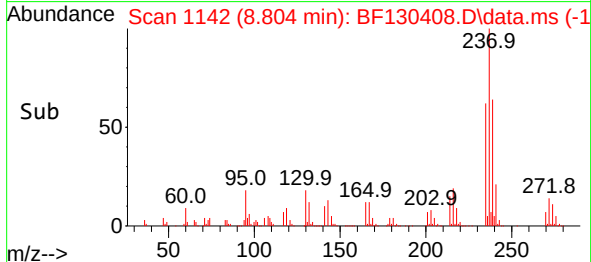
Instrument :
BNA_F
ClientSampleId :
PB147858BS



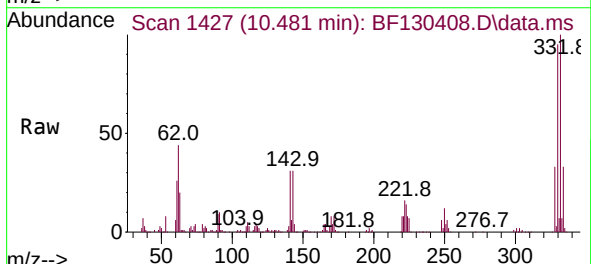
Tgt Ion:237 Resp: 407120
Ion Ratio Lower Upper
237 100
235 61.7 42.5 82.5
272 13.8 0.0 32.8

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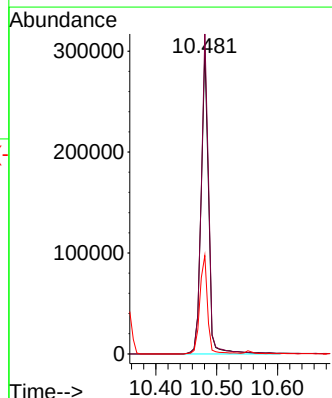
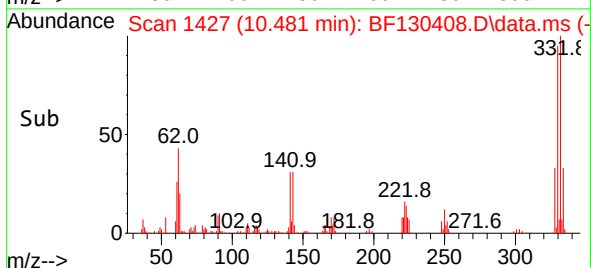
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

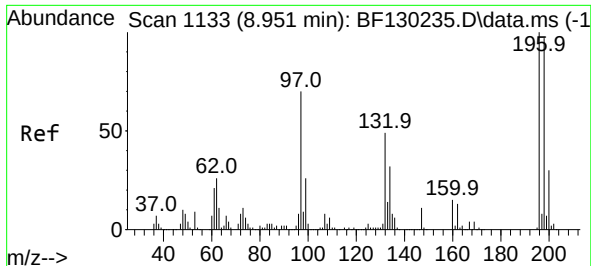


#42
2,4,6-Tribromophenol
Concen: 110.657 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:330 Resp: 256972
Ion Ratio Lower Upper
330 100
332 103.3 83.4 125.2
141 33.6 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 47.693 ng

RT: 8.934 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF130408.D

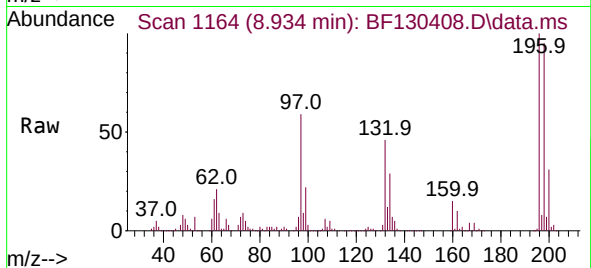
Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS



Tgt Ion:196 Resp: 220150

Ion Ratio Lower Upper

196 100

198 95.4 72.4 108.6

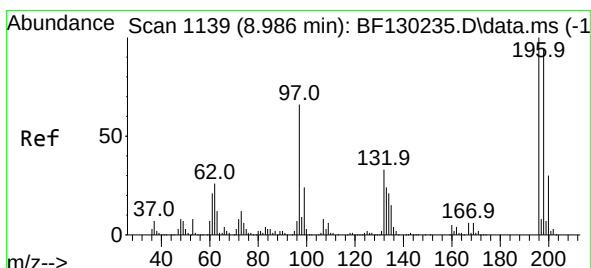
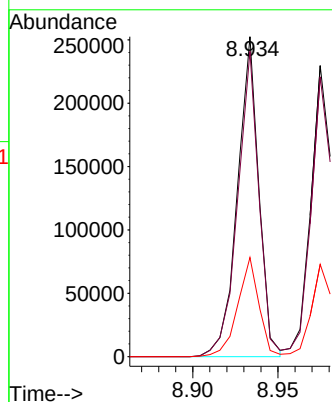
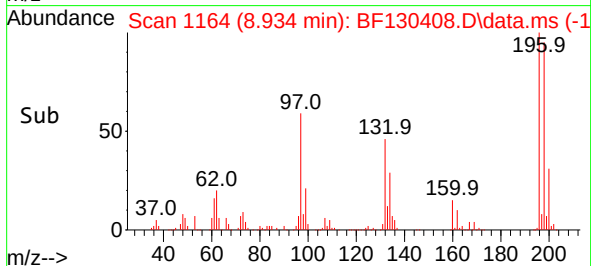
200 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#44

2,4,5-Trichlorophenol

Concen: 47.822 ng

RT: 8.975 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Tgt Ion:196 Resp: 238207

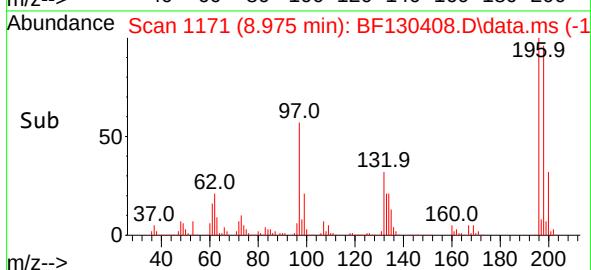
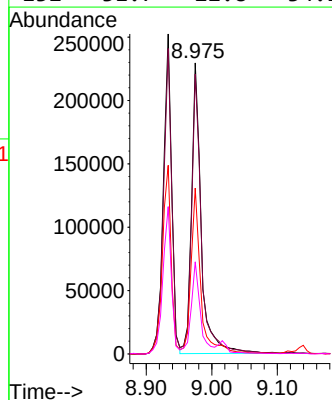
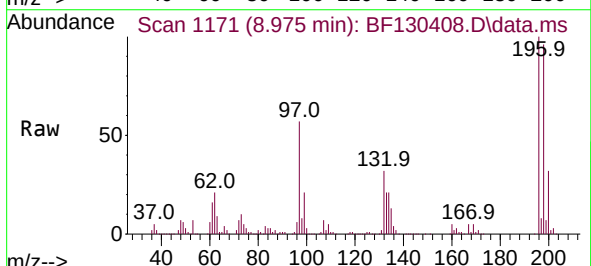
Ion Ratio Lower Upper

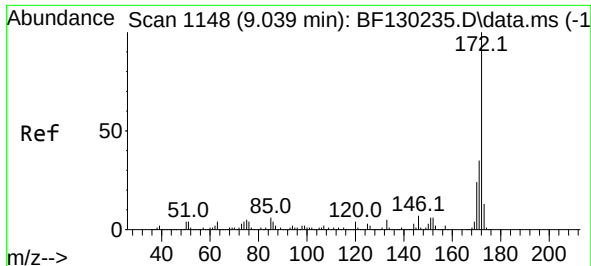
196 100

198 96.2 74.8 112.2

97 57.0 43.7 65.5

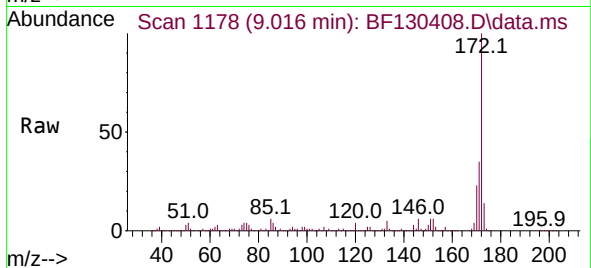
132 31.7 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 88.287 ng
RT: 9.016 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

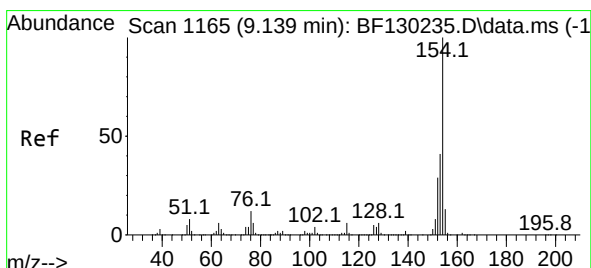
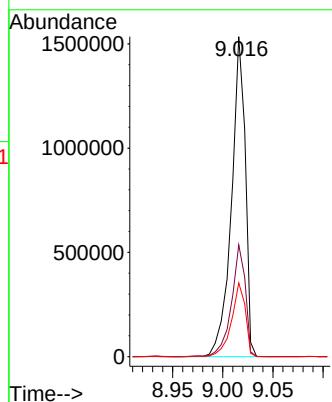
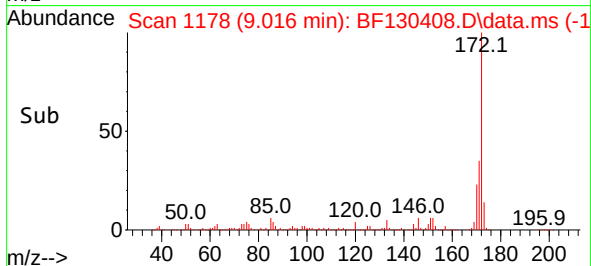
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion:172 Resp: 1469368
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.0 18.7 28.1

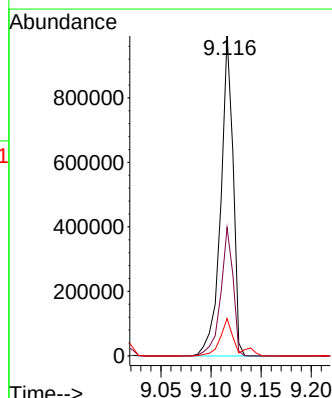
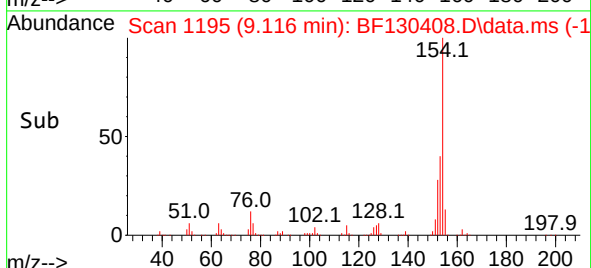
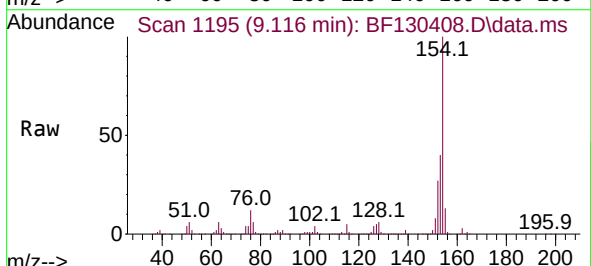
Manual Integrations
APPROVED

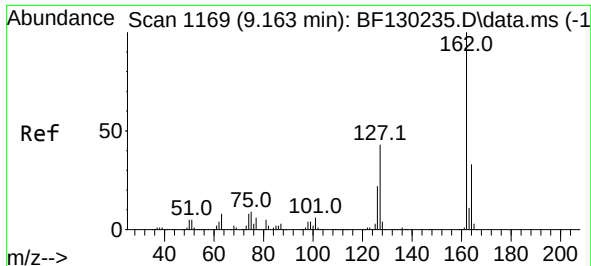
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#46
1,1'-Biphenyl
Concen: 47.168 ng
RT: 9.116 min Scan# 1195
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Tgt Ion:154 Resp: 853760
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 11.7 0.0 33.3





#47

2-Chloronaphthalene

Concen: 45.653 ng

RT: 9.139 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

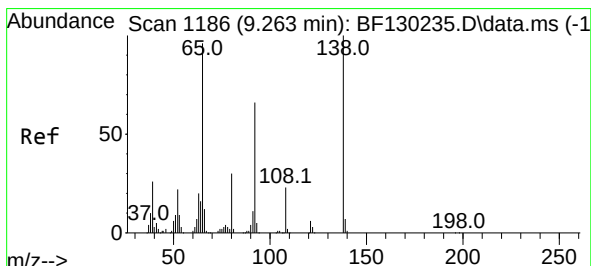
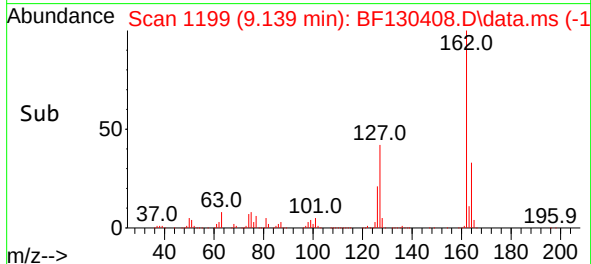
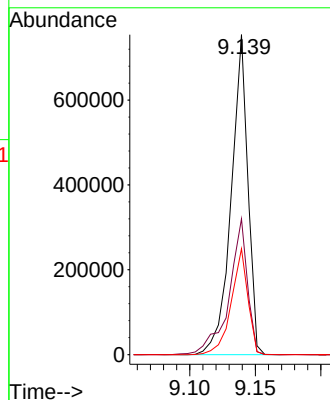
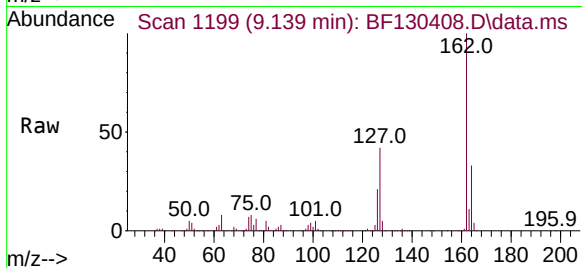
PB147858BS

Tgt Ion:162 Resp: 668450
 Ion Ratio Lower Upper
 162 100
 127 42.4 35.9 53.9
 164 33.1 26.2 39.2

Manual Integrations

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



#48

2-Nitroaniline

Concen: 41.861 ng

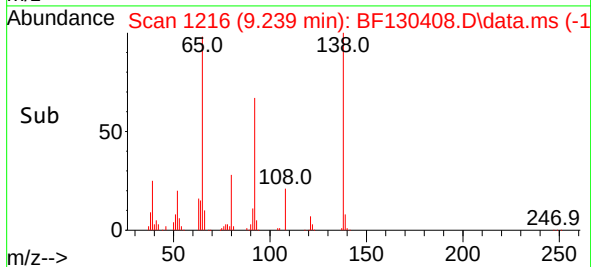
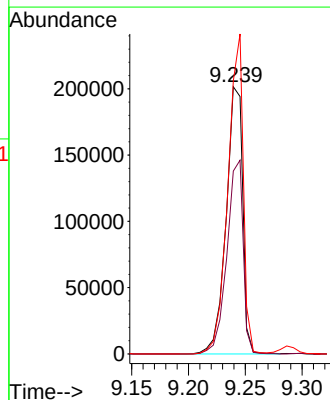
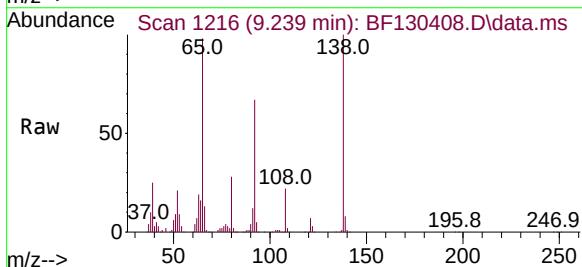
RT: 9.239 min Scan# 1216

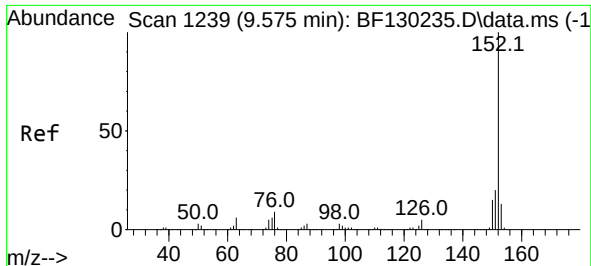
Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Tgt Ion: 65 Resp: 204430
 Ion Ratio Lower Upper
 65 100
 92 68.4 52.2 78.4
 138 102.2 77.0 115.4





#49

Acenaphthylene

Concen: 45.658 ng

RT: 9.551 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

Tgt Ion:152 Resp: 1002336

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.2

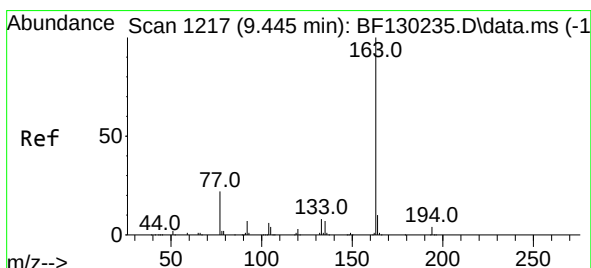
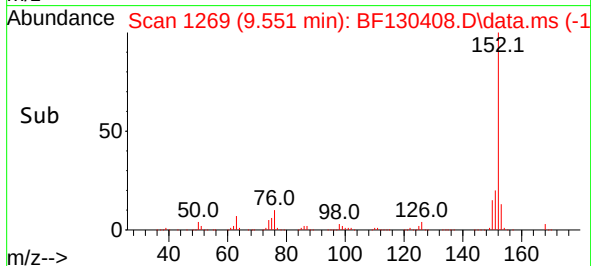
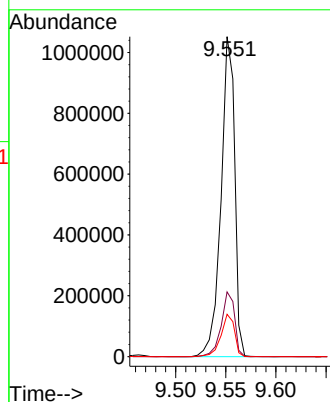
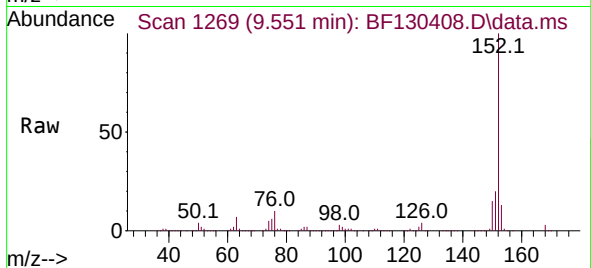
153 13.2 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#50

Dimethylphthalate

Concen: 47.087 ng

RT: 9.428 min Scan# 1248

Delta R.T. 0.006 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

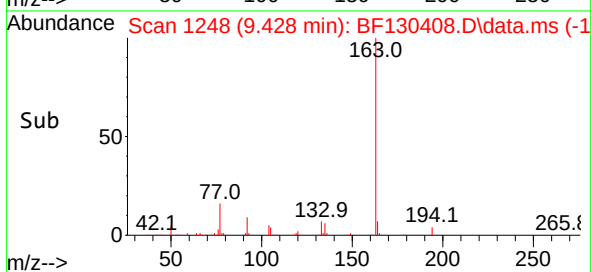
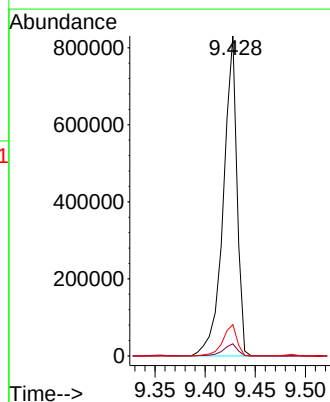
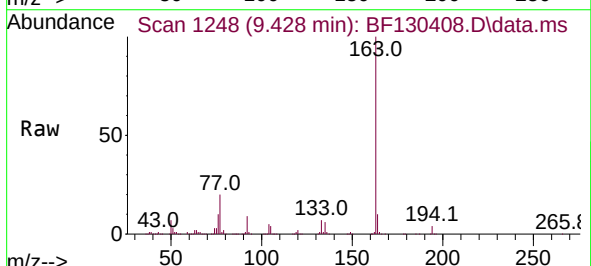
Tgt Ion:163 Resp: 788275

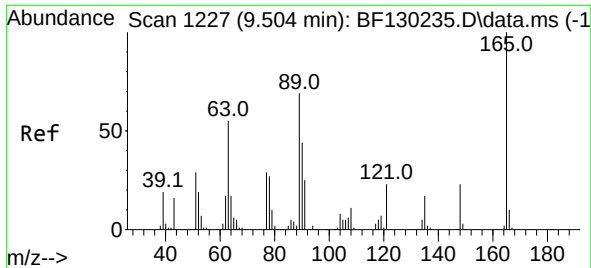
Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

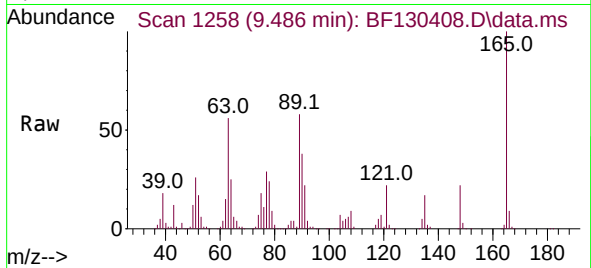
164 9.8 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.542 ng
RT: 9.486 min Scan# 1258
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

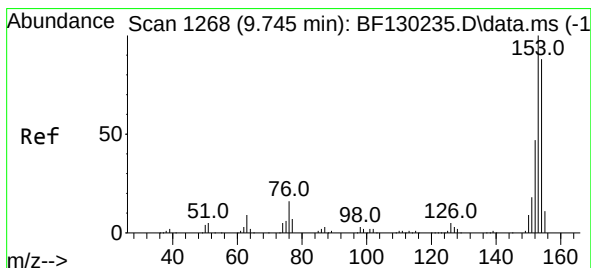
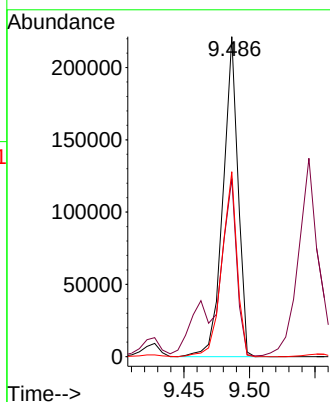
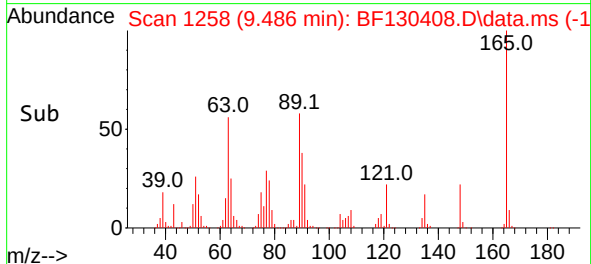
Instrument :
BNA_F
ClientSampleId :
PB147858BS



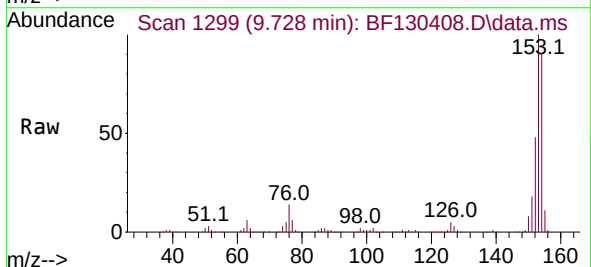
Tgt Ion:165 Resp: 176956
Ion Ratio Lower Upper
165 100
63 55.6 58.8 88.2
89 57.8 54.5 81.7

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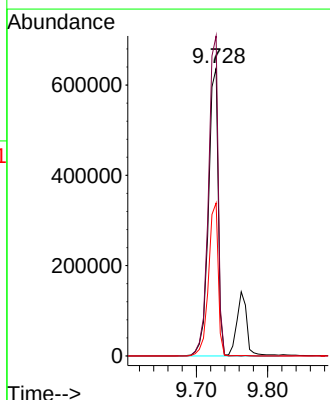
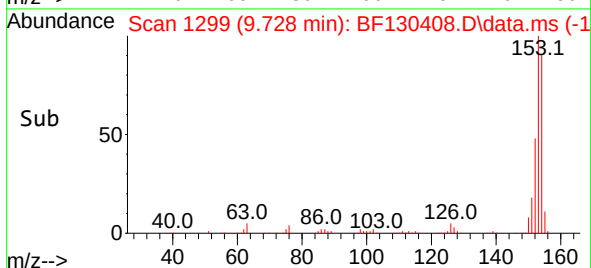
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

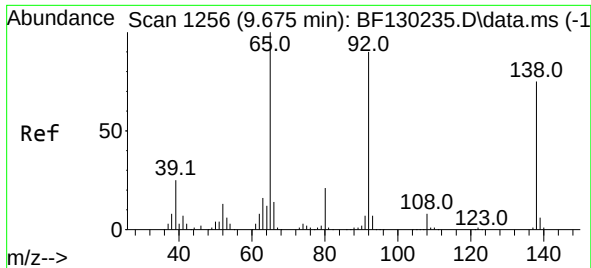


#52
Acenaphthene
Concen: 51.476 ng m
RT: 9.728 min Scan# 1299
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



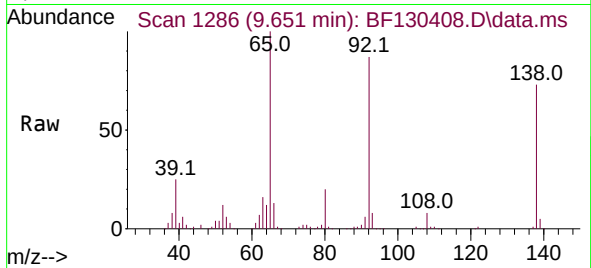
Tgt Ion:154 Resp: 742486
Ion Ratio Lower Upper
154 100
153 111.2 90.6 136.0
152 53.1 43.8 65.6





#53
3-Nitroaniline
Concen: 32.572 ng
RT: 9.651 min Scan# 1286
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

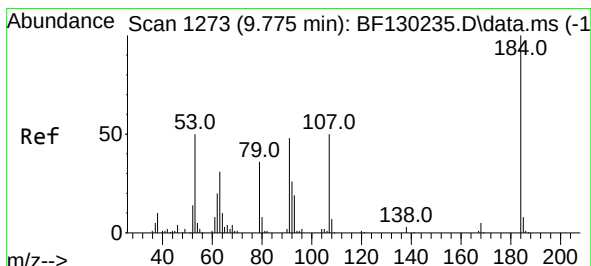
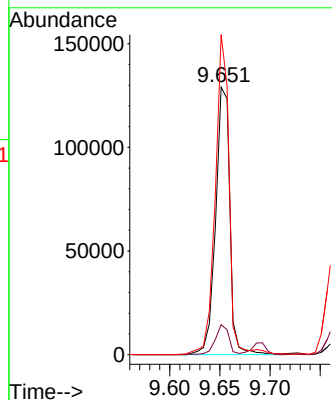
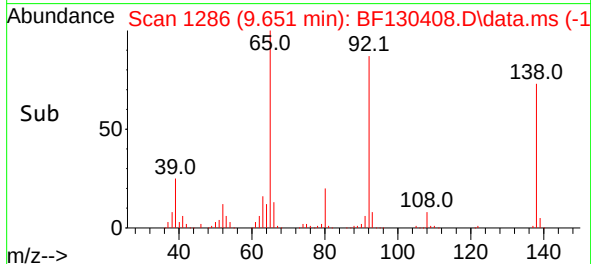
Instrument :
BNA_F
ClientSampleId :
PB147858BS



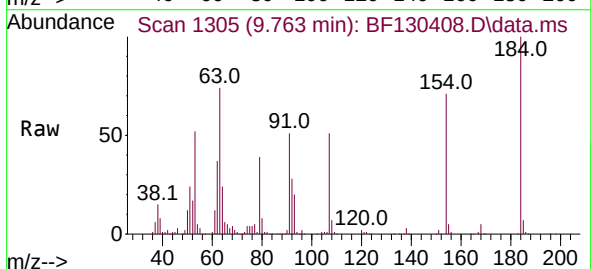
Tgt Ion:138 Resp: 127073
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 119.6 99.2 148.8

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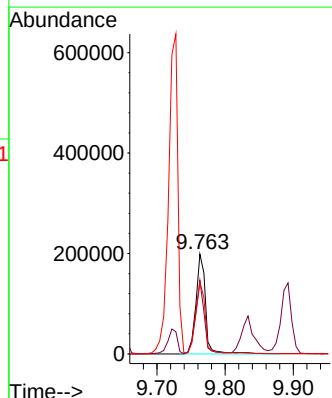
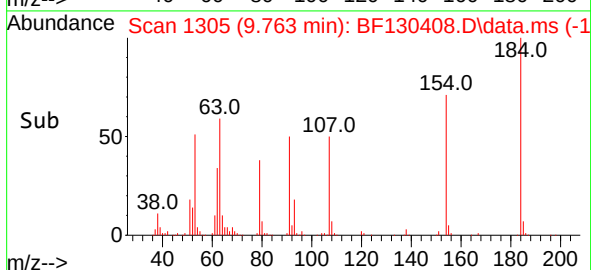
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

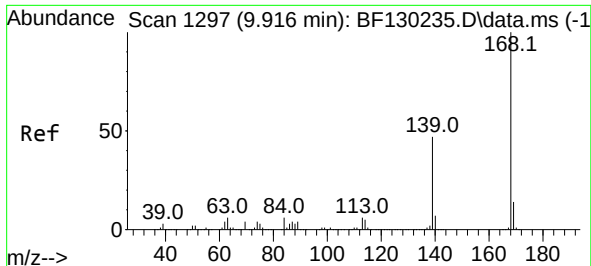


#54
2,4-Dinitrophenol
Concen: 101.173 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:184 Resp: 195564
Ion Ratio Lower Upper
184 100
63 73.7 70.0 105.0
154 71.4 63.0 94.6





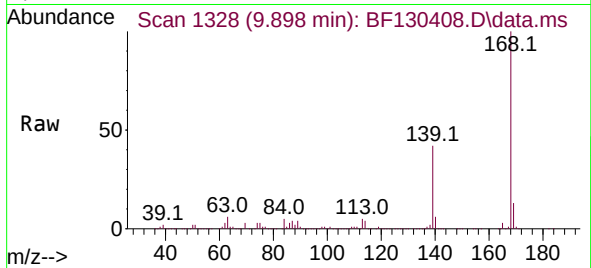
#55
Dibenzofuran
Concen: 45.643 ng
RT: 9.898 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

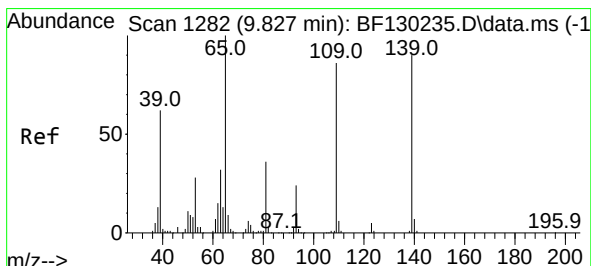
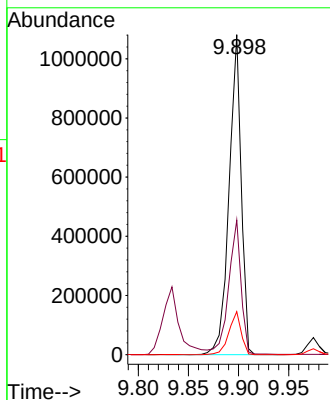
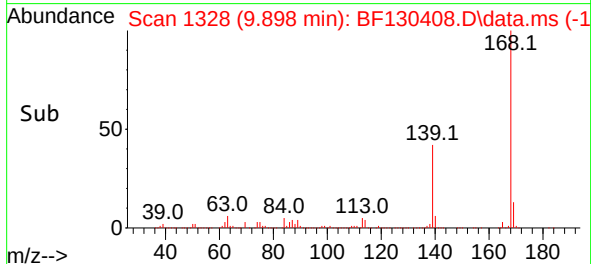


Tgt Ion:168 Resp: 915730
Ion Ratio Lower Upper
168 100
139 42.0 35.0 52.4
169 13.4 10.9 16.3

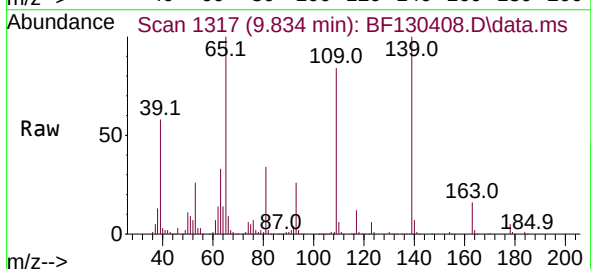
Manual Integrations

APPROVED

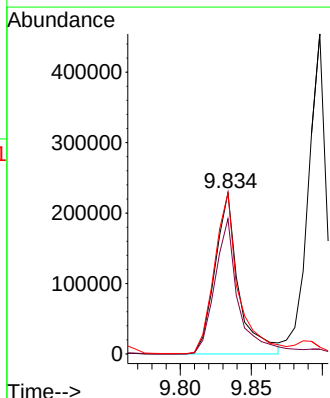
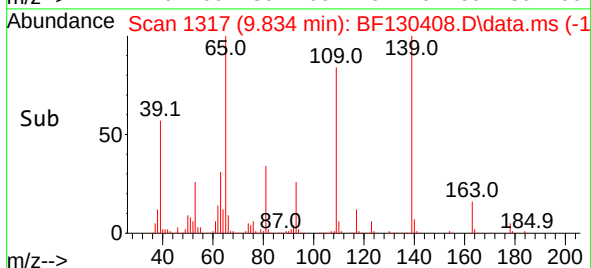
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

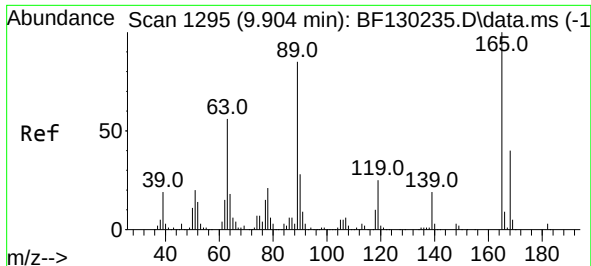


#56
4-Nitrophenol
Concen: 92.970 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.012 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:139 Resp: 264175
Ion Ratio Lower Upper
139 100
109 83.8 72.2 112.2
65 99.7 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 52.653 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

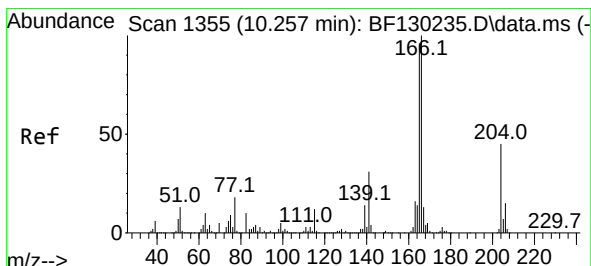
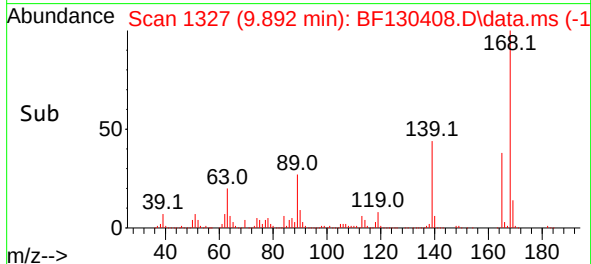
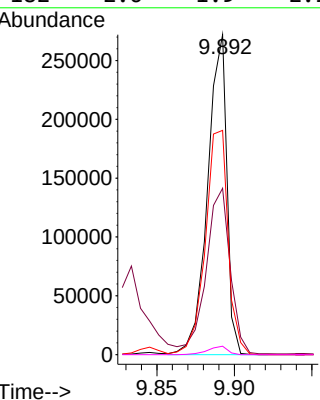
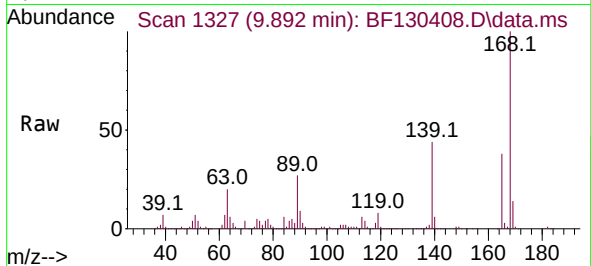
PB147858BS

Tgt Ion:165 Resp: 235599
Ion Ratio Lower Upper
165 100
63 52.0 44.7 67.1
89 70.1 69.0 103.4
182 2.6 1.9 2.9

Manual Integrations

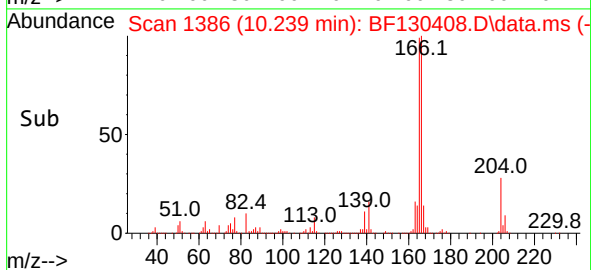
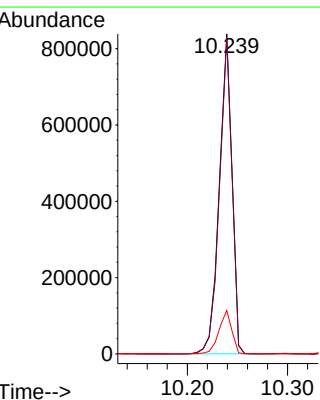
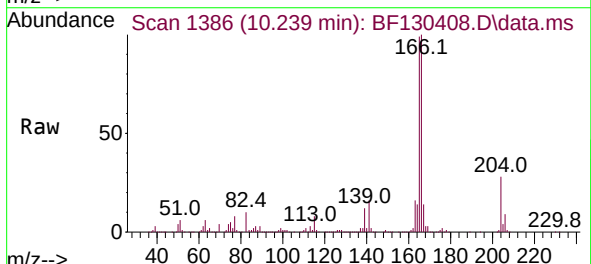
APPROVED

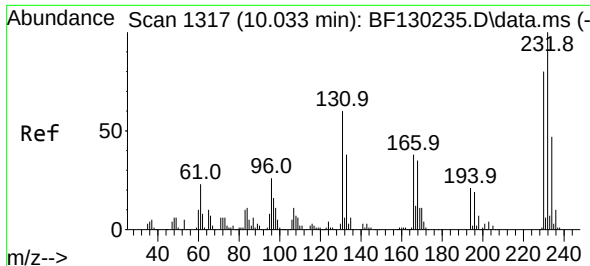
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#58
Fluorene
Concen: 45.199 ng
RT: 10.239 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

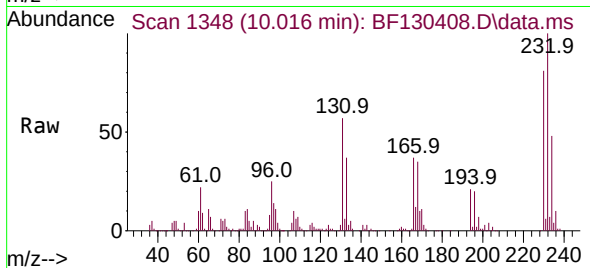
Tgt Ion:166 Resp: 741617
Ion Ratio Lower Upper
166 100
165 98.8 78.8 118.2
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.904 ng
RT: 10.016 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

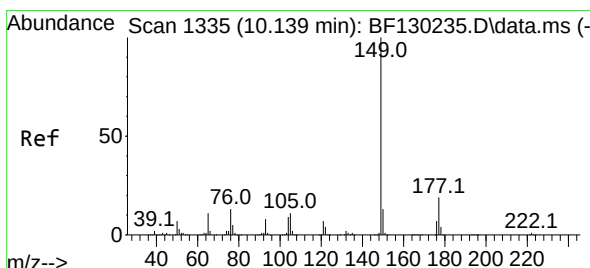
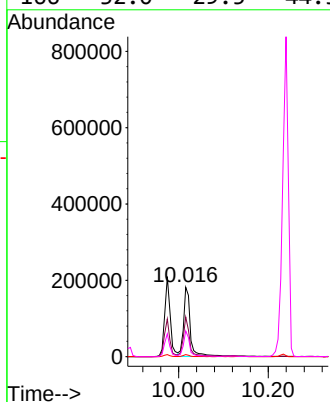
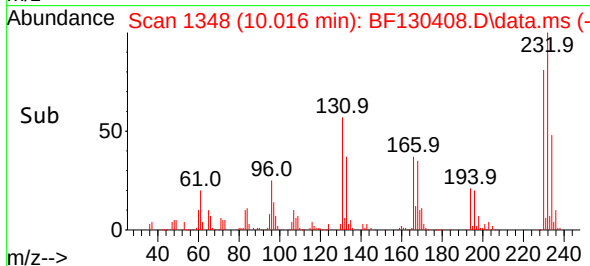
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion:232 Resp: 194566
Ion Ratio Lower Upper
232 100
131 51.4 46.4 69.6
130 2.7 2.3 3.5
166 32.0 29.5 44.3

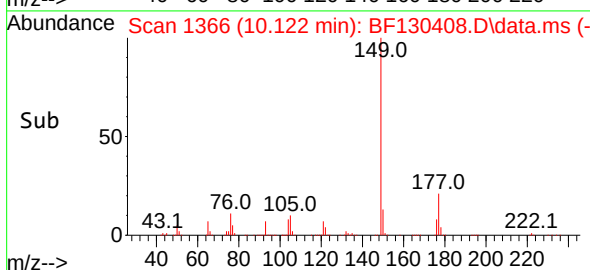
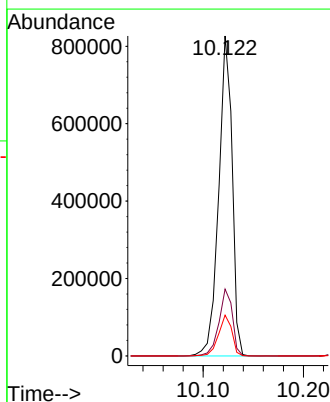
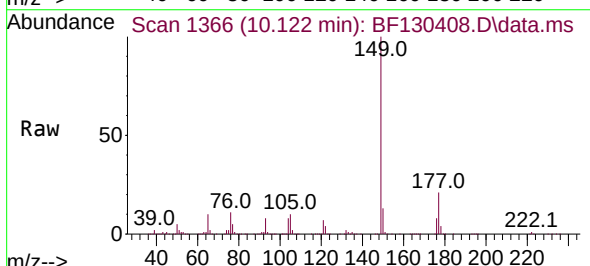
Manual Integrations
APPROVED

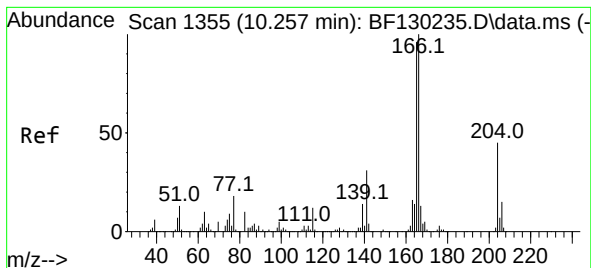
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#60
Diethylphthalate
Concen: 45.952 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

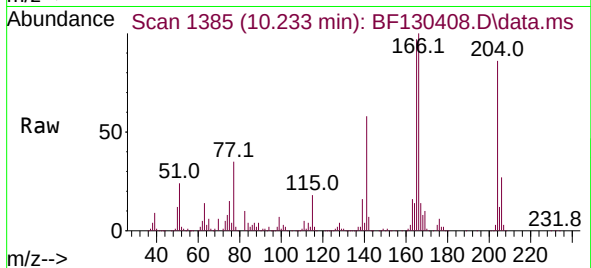
Tgt Ion:149 Resp: 771433
Ion Ratio Lower Upper
149 100
177 20.9 16.1 24.1
150 12.8 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 48.720 ng
RT: 10.233 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

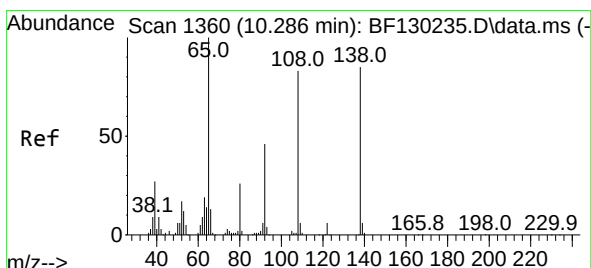
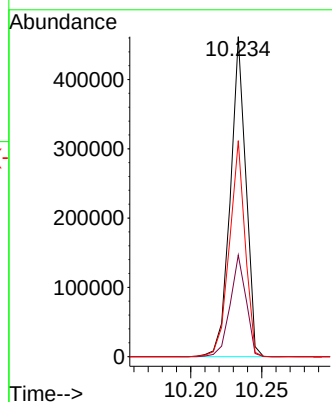
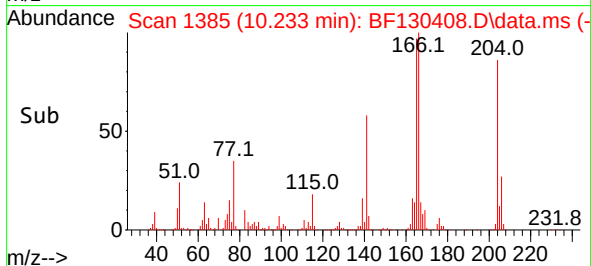
Instrument :
BNA_F
ClientSampleId :
PB147858BS



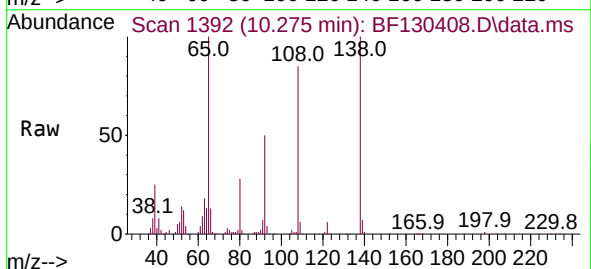
Tgt Ion:204 Resp: 350676
Ion Ratio Lower Upper
204 100
206 31.7 26.6 39.8
141 67.5 57.1 85.7

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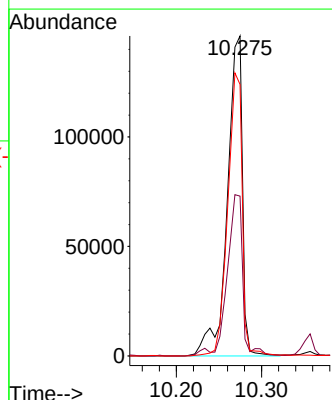
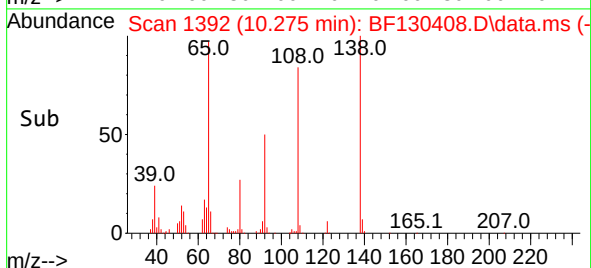
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

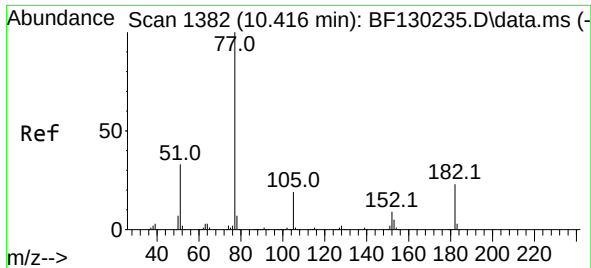


#62
4-Nitroaniline
Concen: 45.928 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:138 Resp: 180000
Ion Ratio Lower Upper
138 100
92 49.9 36.7 76.7
108 84.9 78.2 118.2





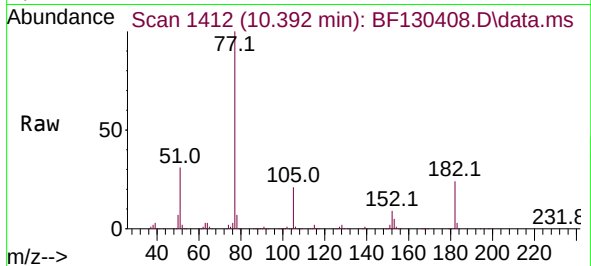
#63
Azobenzene
Concen: 40.506 ng
RT: 10.392 min Scan# 14
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

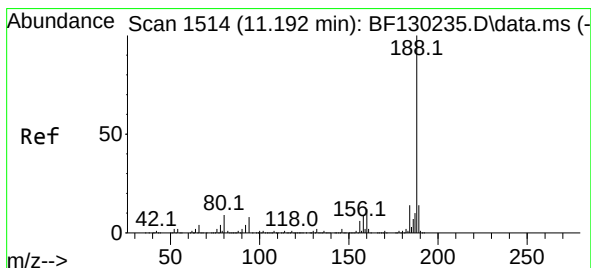
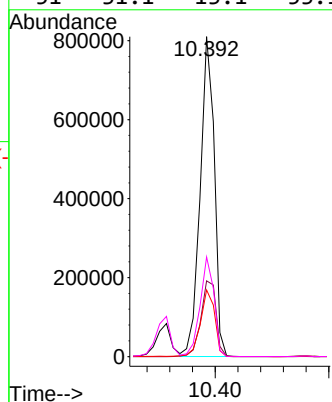
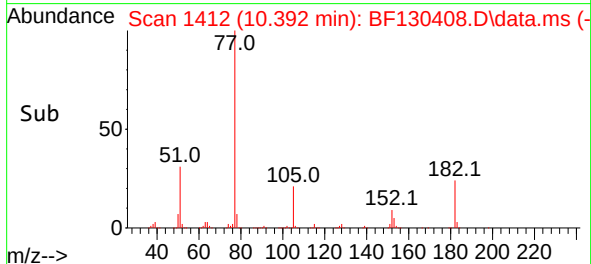


Tgt Ion: 77 Resp: 700209
Ion Ratio Lower Upper
77 100
182 23.7 2.1 42.1
105 20.8 0.0 39.4
51 31.1 13.1 53.1

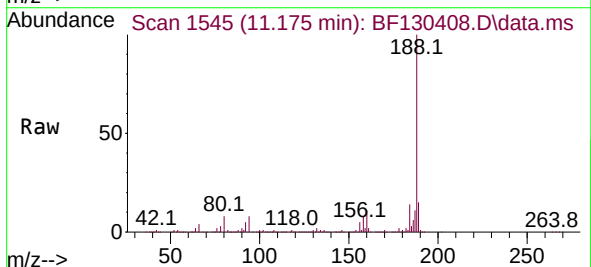
Manual Integrations

APPROVED

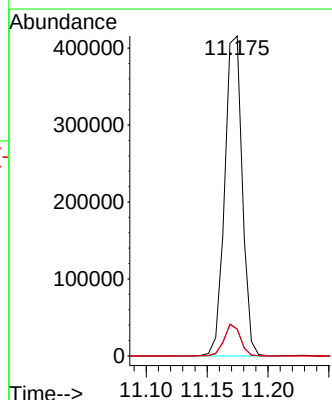
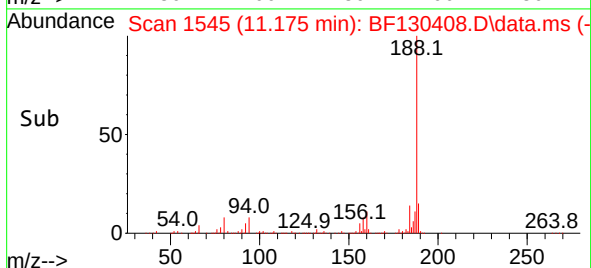
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

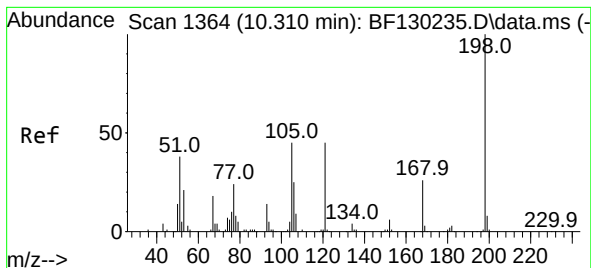


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.175 min Scan# 1545
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:188 Resp: 415661
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 8.4 7.9 11.9





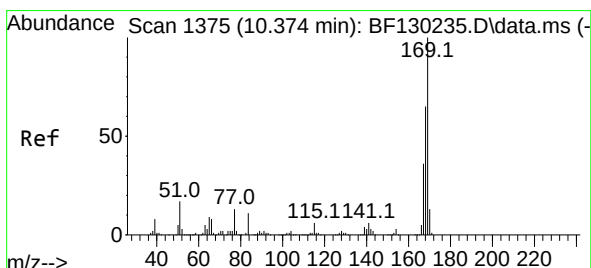
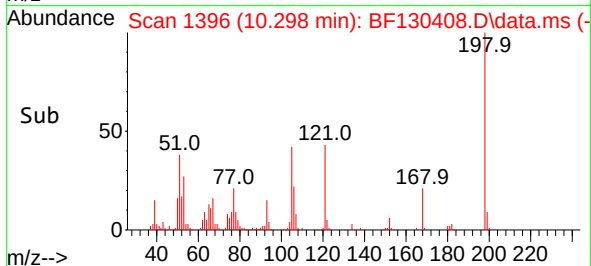
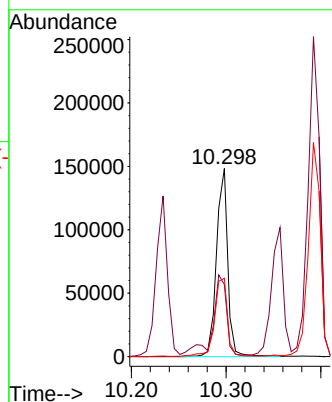
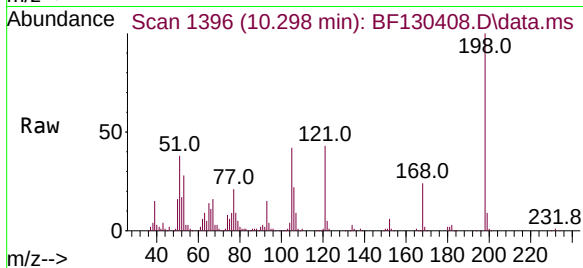
#65
4,6-Dinitro-2-methylphenol
Concen: 52.945 ng
RT: 10.298 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :
BNA_F
ClientSampleId :
PB147858BS

Tgt Ion:198 Resp: 122507
Ion Ratio Lower Upper
198 100
51 38.4 36.9 76.9
105 41.6 33.0 73.0

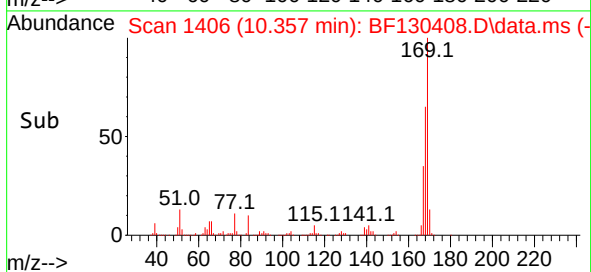
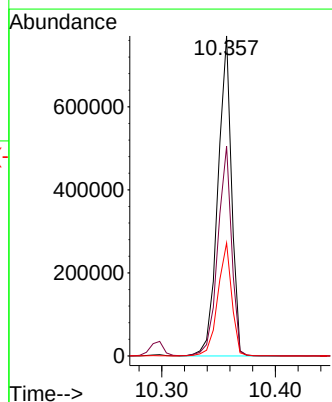
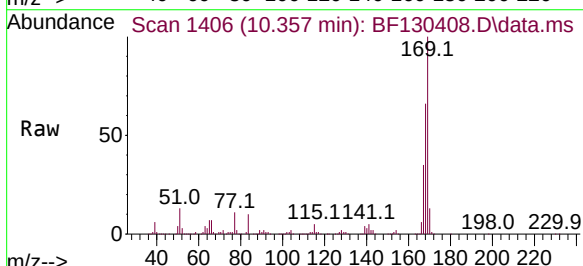
Manual Integrations
APPROVED

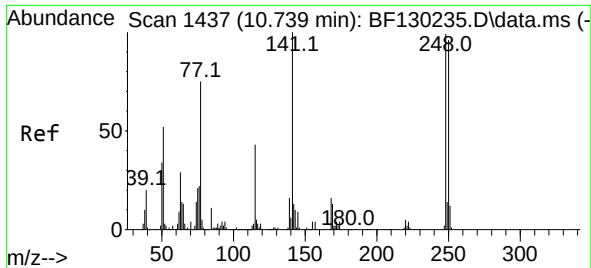
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#66
n-Nitrosodiphenylamine
Concen: 46.215 ng
RT: 10.357 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

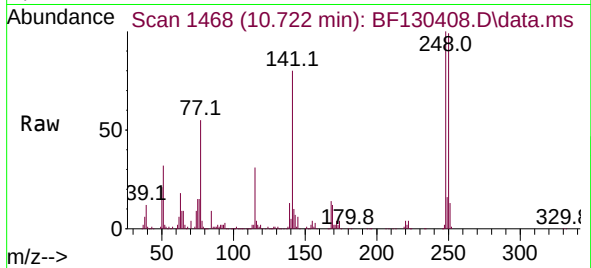
Tgt Ion:169 Resp: 641938
Ion Ratio Lower Upper
169 100
168 65.5 53.2 79.8
167 35.3 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 49.381 ng
RT: 10.722 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

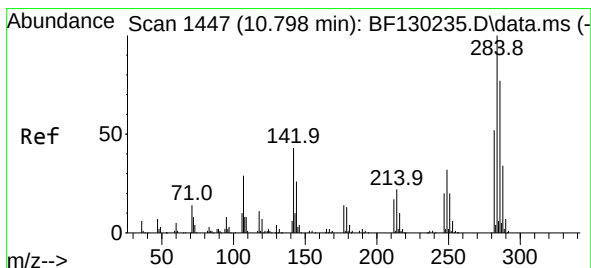
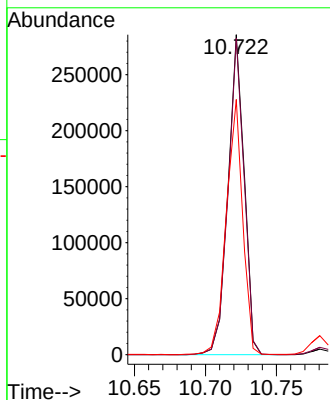
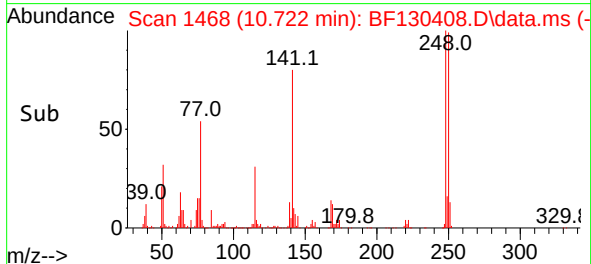
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion:248 Resp: 226430
Ion Ratio Lower Upper
248 100
250 98.8 80.0 120.0
141 79.7 68.5 102.7

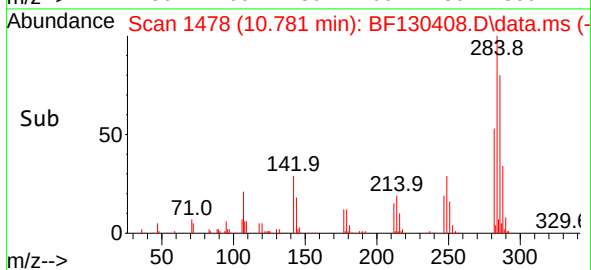
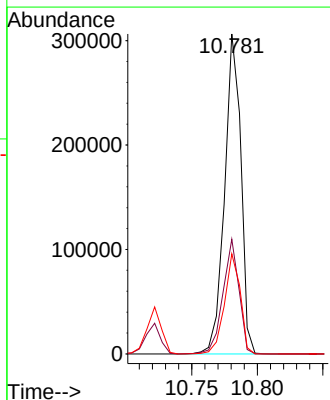
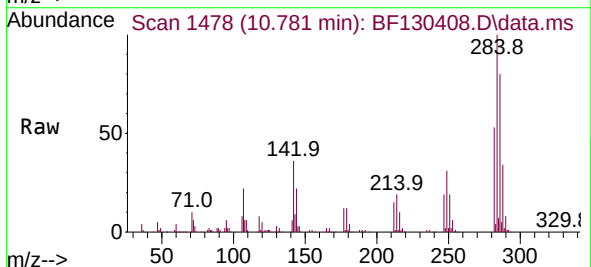
Manual Integrations
APPROVED

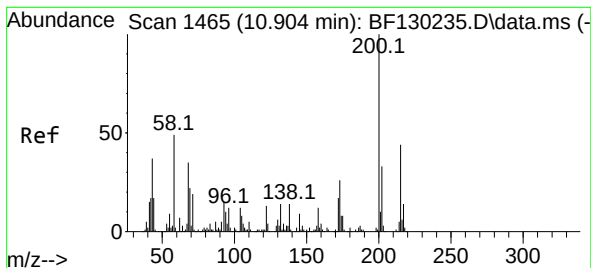
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#68
Hexachlorobenzene
Concen: 50.982 ng
RT: 10.781 min Scan# 1478
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Tgt Ion:284 Resp: 264997
Ion Ratio Lower Upper
284 100
142 35.9 27.2 40.8
249 31.3 23.8 35.8





#69

Atrazine

Concen: 53.752 ng

RT: 10.886 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

PB147858BS

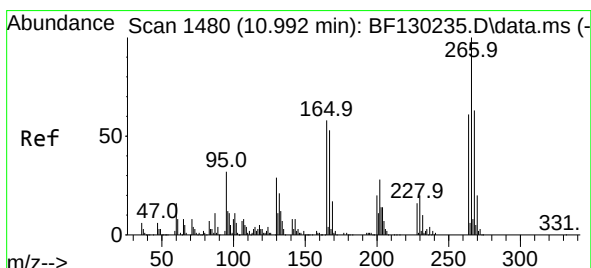
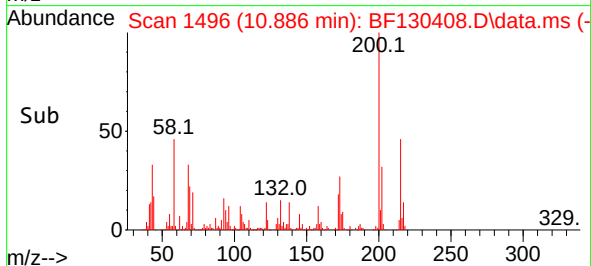
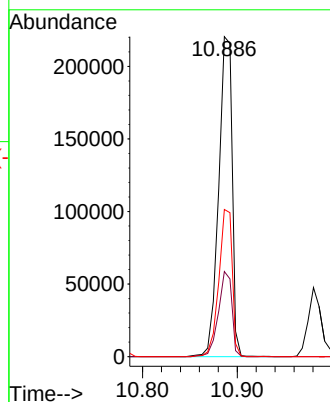
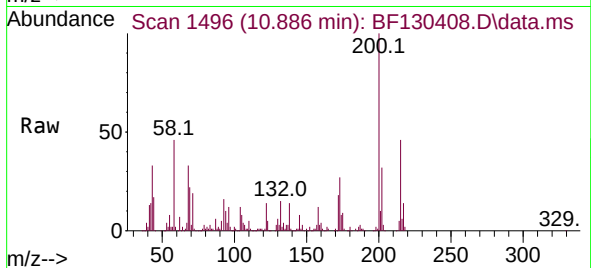
Tgt Ion:200 Resp: 218190
 Ion Ratio Lower Upper
 200 100
 173 26.6 6.2 46.2
 215 46.0 22.5 62.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/27/2022

Supervised By :Jagrut Upadhyay 09/27/2022



#70

Pentachlorophenol

Concen: 96.981 ng

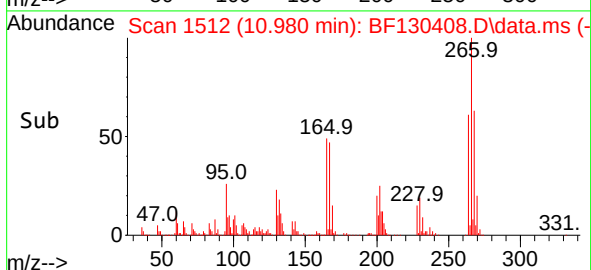
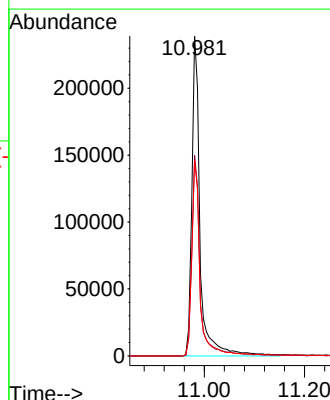
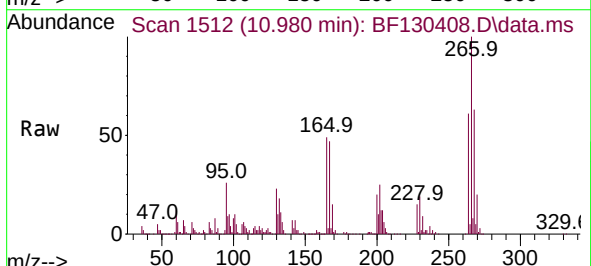
RT: 10.980 min Scan# 1512

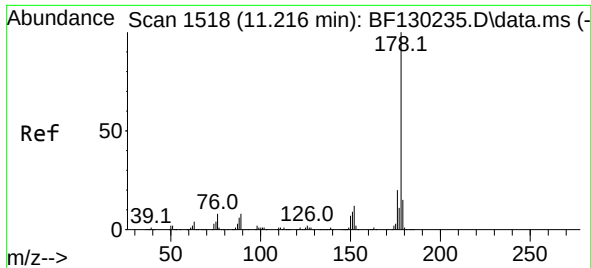
Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Tgt Ion:266 Resp: 270542
 Ion Ratio Lower Upper
 266 100
 268 62.7 50.5 75.7
 264 61.2 50.5 75.7





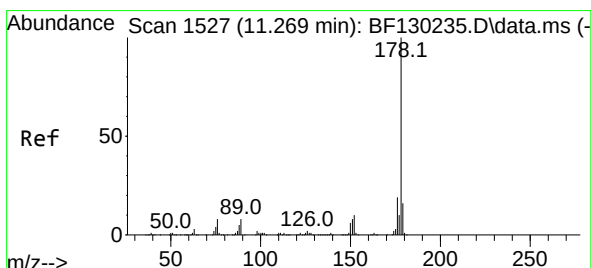
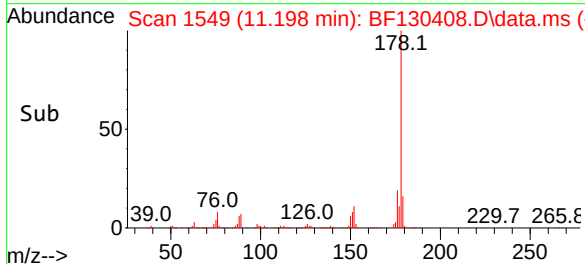
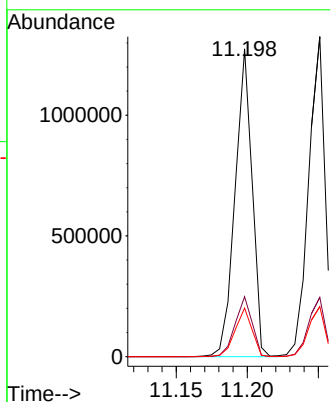
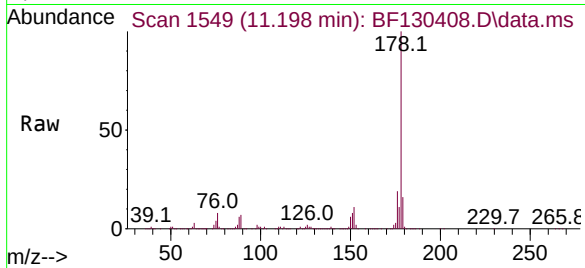
#71
Phenanthrene
Concen: 45.594 ng
RT: 11.198 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

Instrument :
BNA_F
ClientSampleId :
PB147858BS

Tgt Ion:178 Resp: 1064034
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 15.8 12.4 18.6

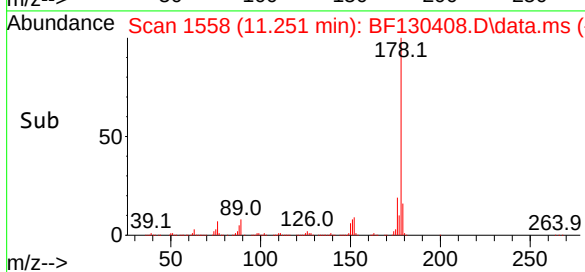
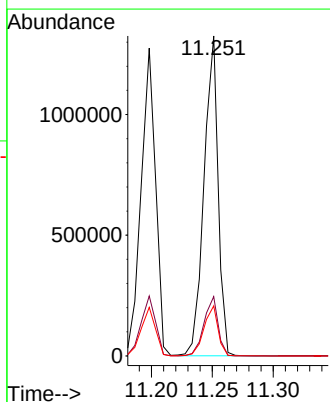
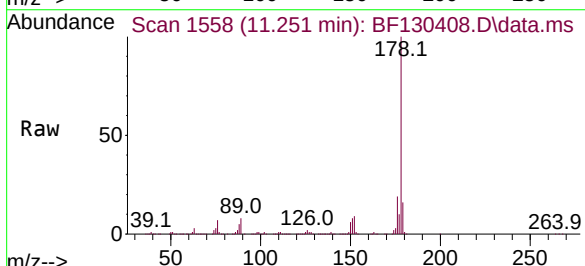
Manual Integrations
APPROVED

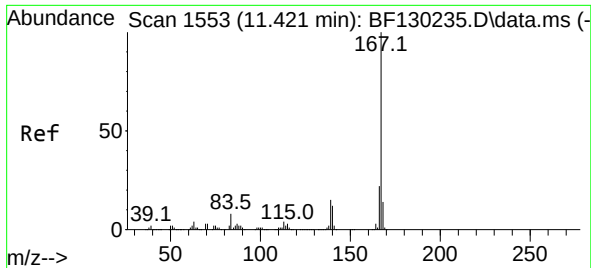
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#72
Anthracene
Concen: 47.513 ng
RT: 11.251 min Scan# 1558
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

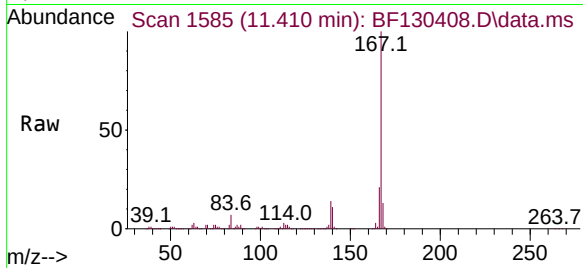
Tgt Ion:178 Resp: 1070023
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 12.7 19.1





#73
 Carbazole
 Concen: 47.309 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. 0.006 min
 Lab File: BF130408.D
 Acq: 26 Sep 2022 14:57

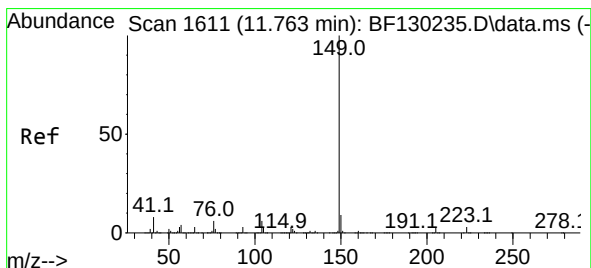
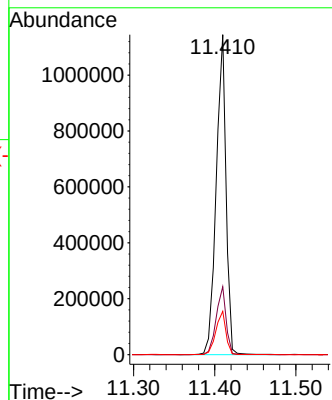
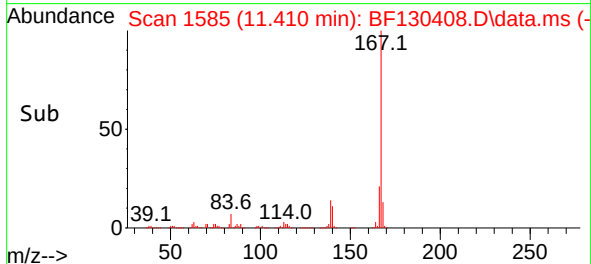
Instrument :
 BNA_F
 ClientSampleId :
 PB147858BS



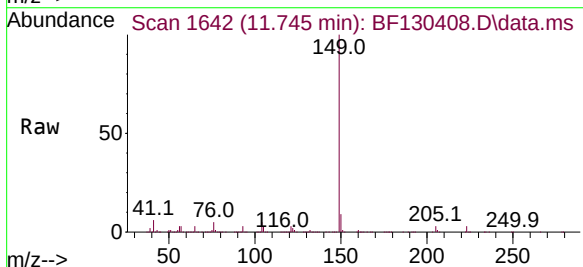
Tgt Ion:167 Resp: 961528
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.2
 139 13.5 11.6 17.4

Manual Integrations
 APPROVED

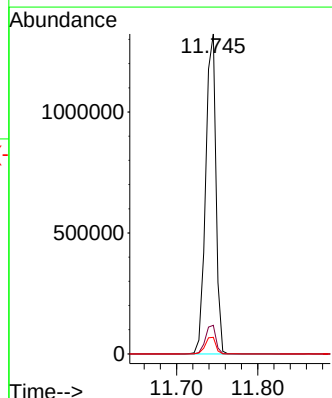
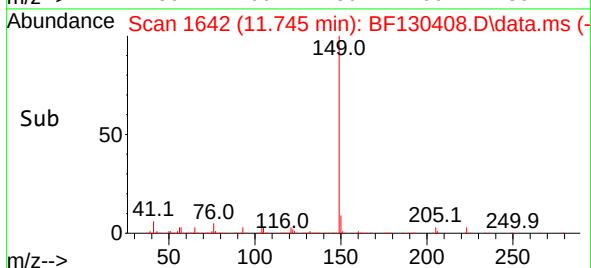
Reviewed By :Christian Giraldo 09/27/2022
 Supervised By :Jagrut Upadhyay 09/27/2022

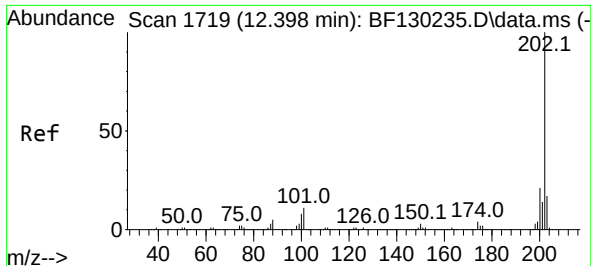


#74
 Di-n-butylphthalate
 Concen: 47.405 ng
 RT: 11.745 min Scan# 1642
 Delta R.T. 0.006 min
 Lab File: BF130408.D
 Acq: 26 Sep 2022 14:57



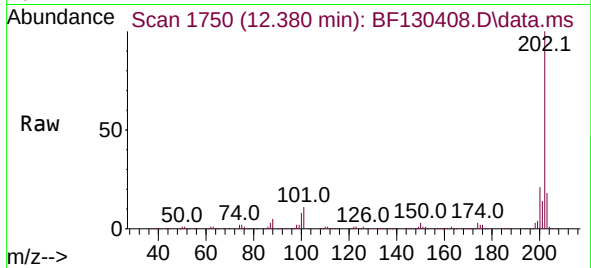
Tgt Ion:149 Resp: 1161863
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.2
 104 5.2 4.8 7.2





#75
Fluoranthene
Concen: 47.178 ng
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

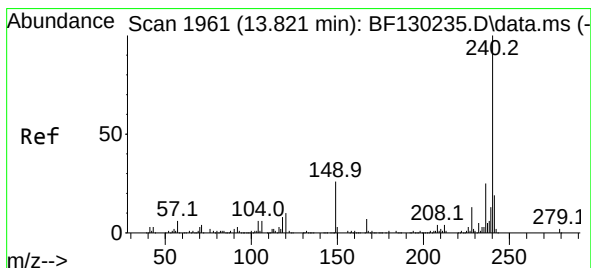
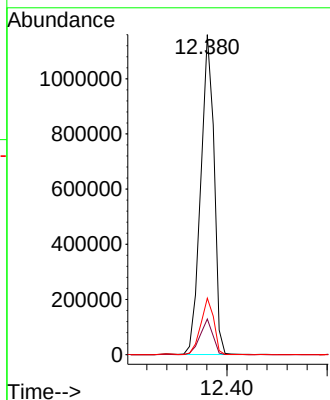
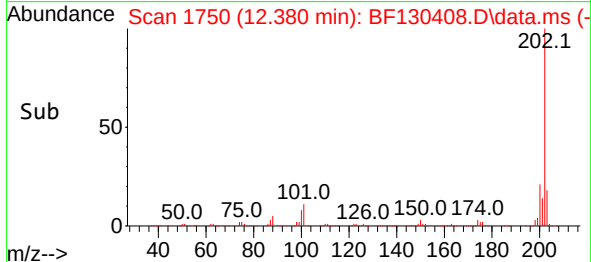
Instrument :
BNA_F
ClientSampleId :
PB147858BS



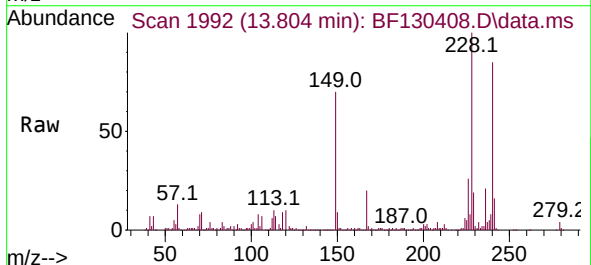
Tgt Ion:202 Resp: 1063894
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.8
203 17.6 0.0 37.8

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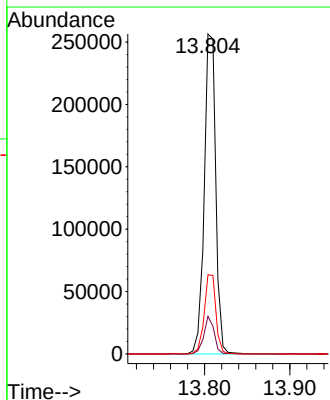
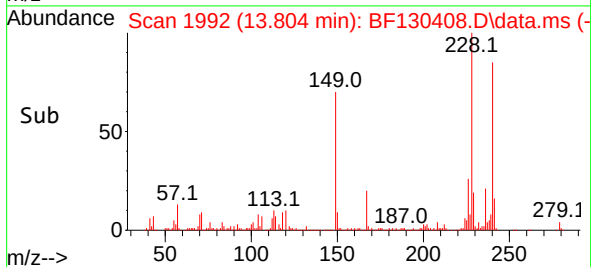
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

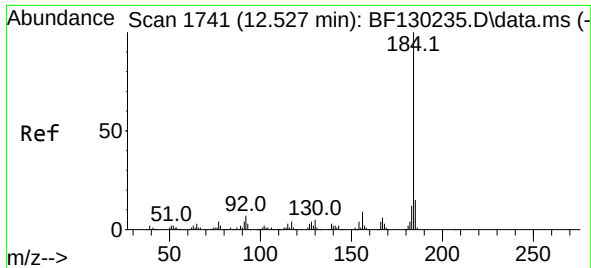


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



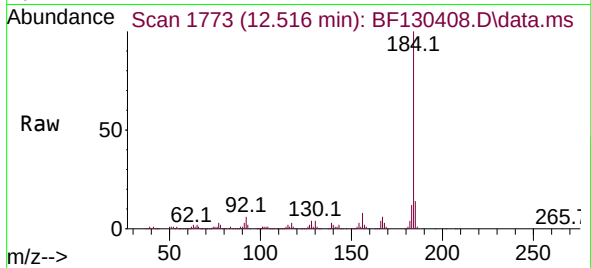
Tgt Ion:240 Resp: 240490
Ion Ratio Lower Upper
240 100
120 11.7 8.7 13.1
236 24.7 20.9 31.3





#77
Benzidine
Concen: 76.083 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

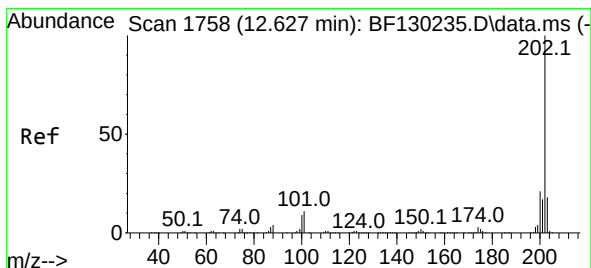
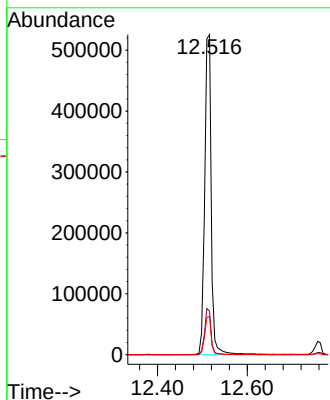
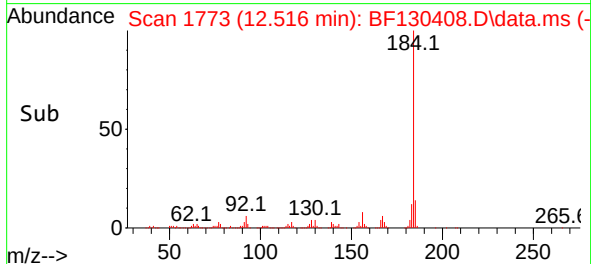
Instrument :
BNA_F
ClientSampleId :
PB147858BS



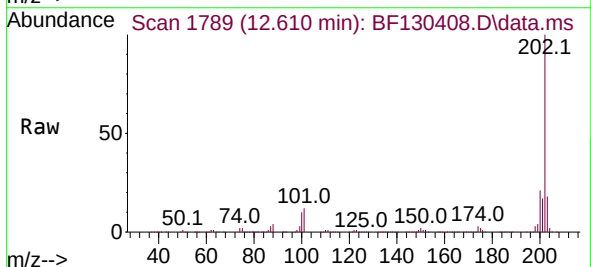
Tgt Ion:184 Resp: 531149
Ion Ratio Lower Upper
184 100
185 13.6 11.8 17.6
183 11.9 9.1 13.7

Manual Integrations
APPROVED

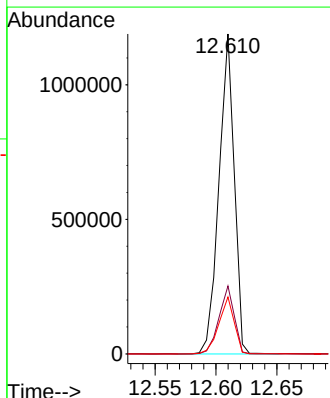
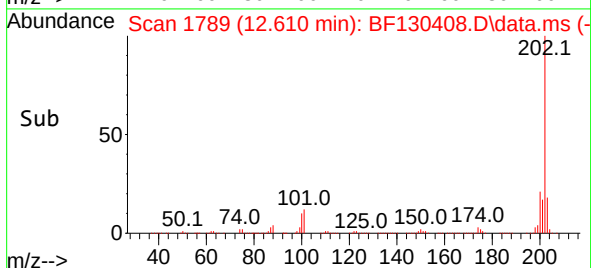
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

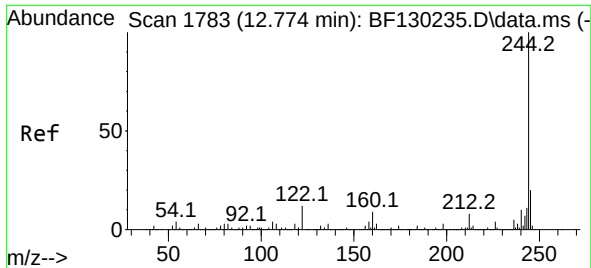


#78
Pyrene
Concen: 49.351 ng
RT: 12.610 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



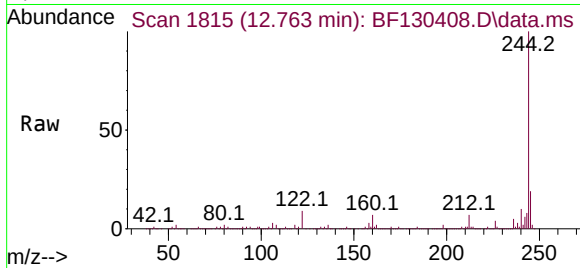
Tgt Ion:202 Resp: 1038261
Ion Ratio Lower Upper
202 100
200 21.2 17.2 25.8
203 17.8 14.3 21.5





#79
Terphenyl-d14
Concen: 105.475 ng
RT: 12.763 min Scan# 1815
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

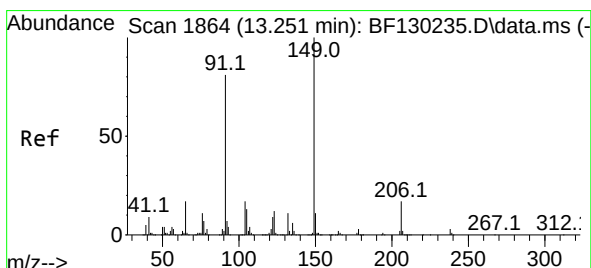
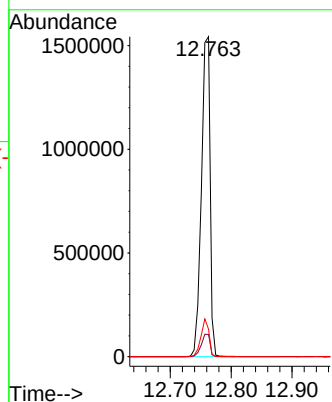
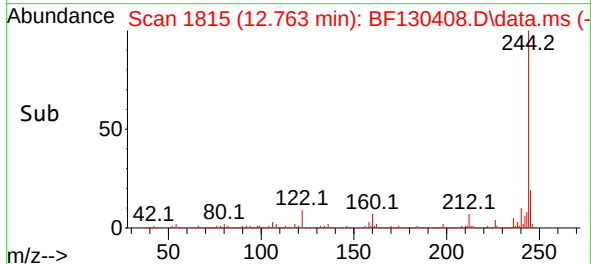
Instrument :
BNA_F
ClientSampleId :
PB147858BS



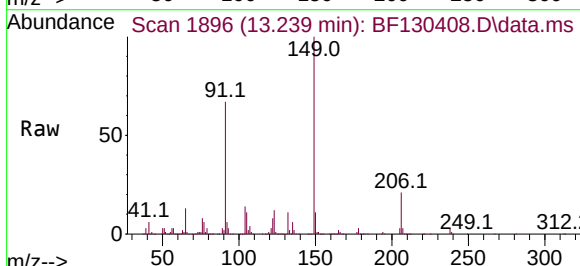
Tgt Ion:244 Resp: 1531283
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 8.6 8.5 12.7

Manual Integrations
APPROVED

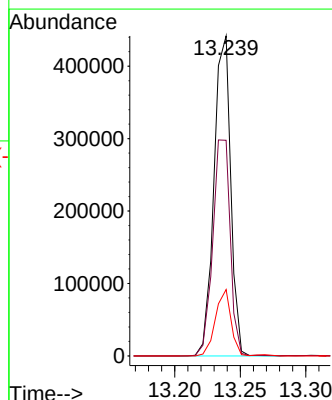
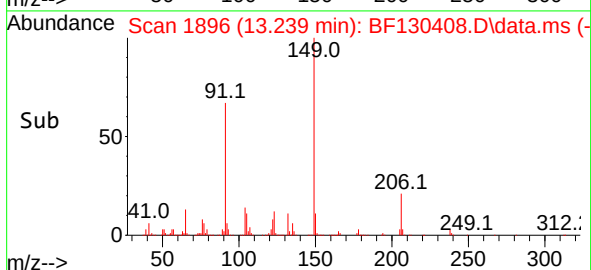
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

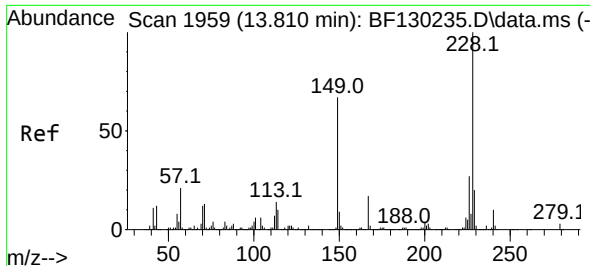


#80
Butylbenzylphthalate
Concen: 50.459 ng
RT: 13.239 min Scan# 1896
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



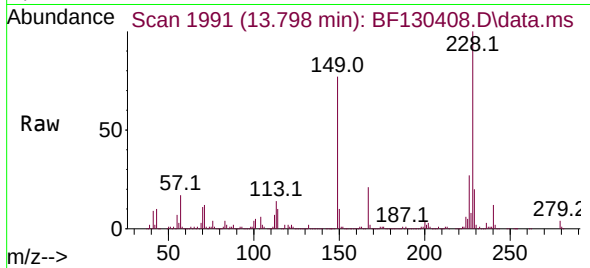
Tgt Ion:149 Resp: 393264
Ion Ratio Lower Upper
149 100
91 67.4 59.8 89.8
206 20.7 13.9 20.9





#81
Benzo(a)anthracene
Concen: 47.356 ng
RT: 13.798 min Scan# 1991
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

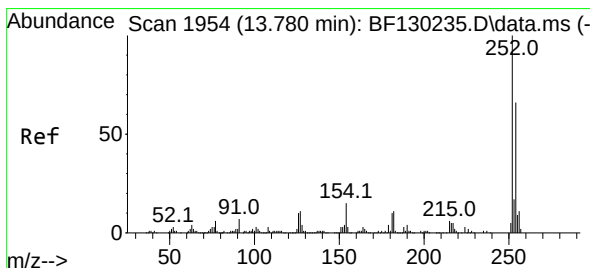
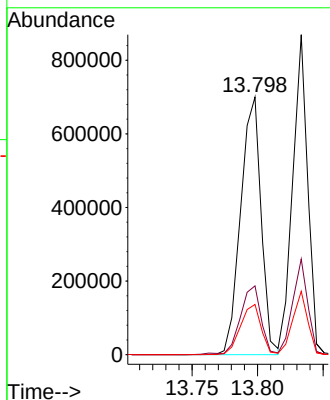
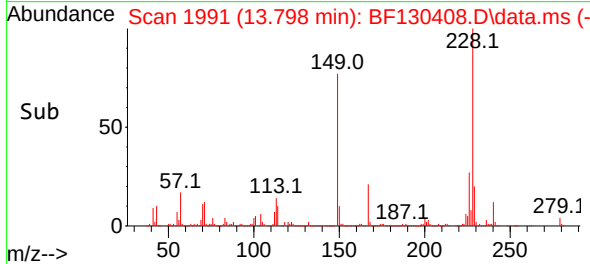
Instrument :
BNA_F
ClientSampleId :
PB147858BS



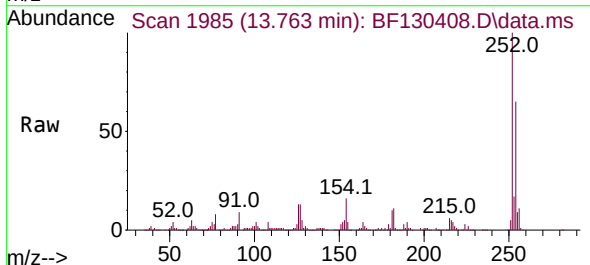
Tgt Ion:228 Resp: 757626
Ion Ratio Lower Upper
228 100
226 26.7 21.9 32.9
229 19.5 16.1 24.1

Manual Integrations
APPROVED

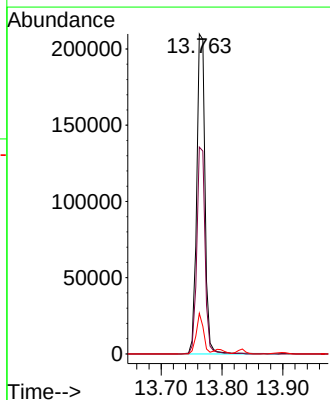
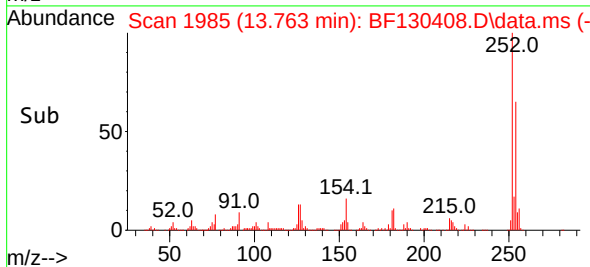
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

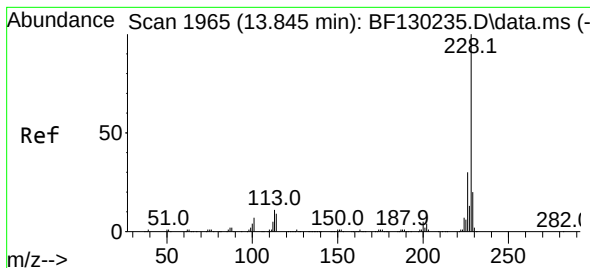


#82
3,3'-Dichlorobenzidine
Concen: 45.532 ng
RT: 13.763 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:252 Resp: 198290
Ion Ratio Lower Upper
252 100
254 64.6 51.1 76.7
126 12.7 10.4 15.6





#83

Chrysene

Concen: 45.670 ng

RT: 13.833 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

Instrument :

BNA_F

ClientSampleId :

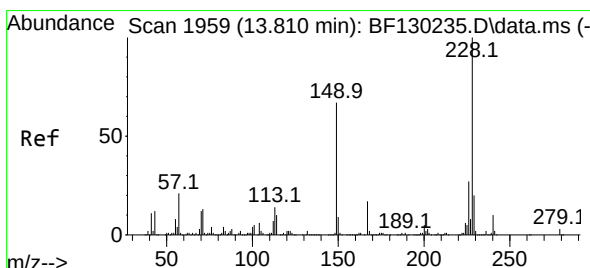
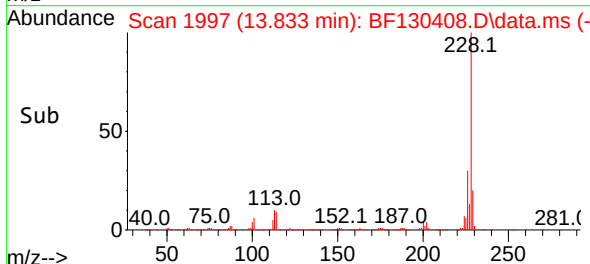
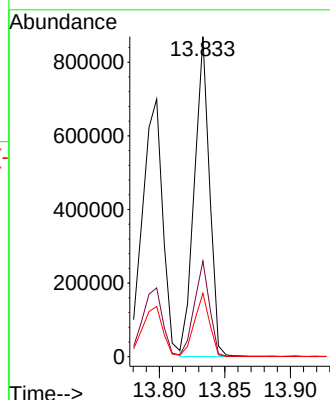
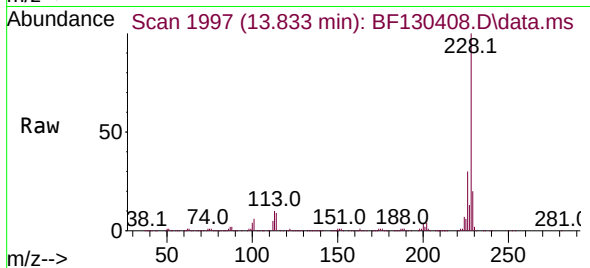
PB147858BS

Tgt Ion:	228	Resp:	69375
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.8
229	19.8	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: 50.363 ng

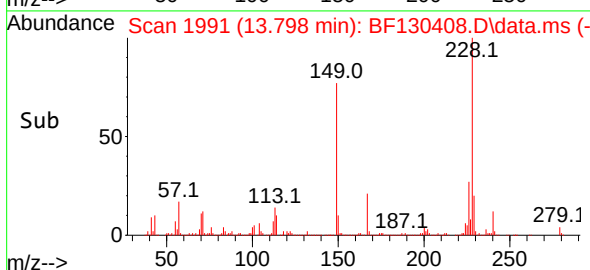
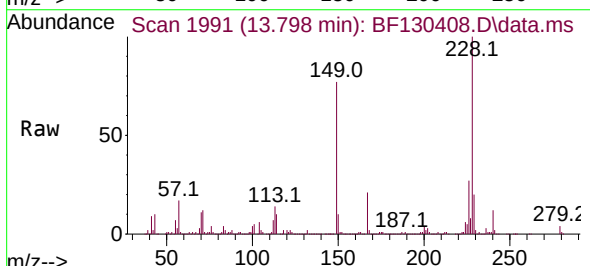
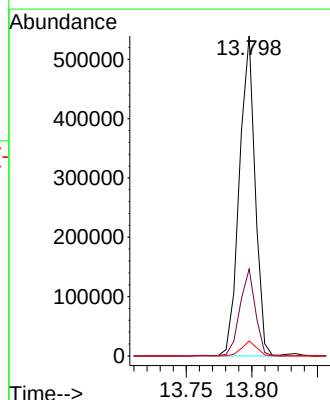
RT: 13.798 min Scan# 1991

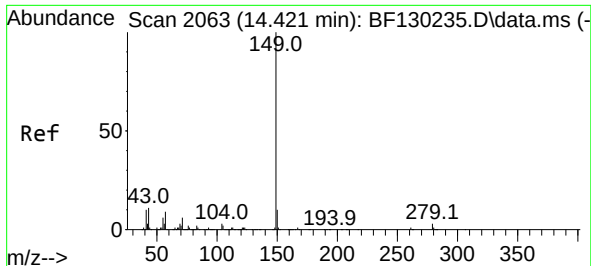
Delta R.T. 0.000 min

Lab File: BF130408.D

Acq: 26 Sep 2022 14:57

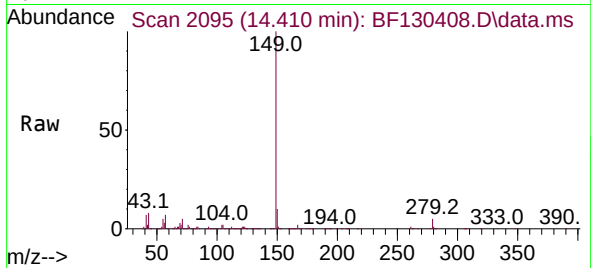
Tgt Ion:	149	Resp:	449609
Ion Ratio	Lower	Upper	
149	100		
167	27.2	20.5	30.7
279	4.6	2.9	4.3





#85
Di-n-octyl phthalate
Concen: 47.712 ng
RT: 14.410 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

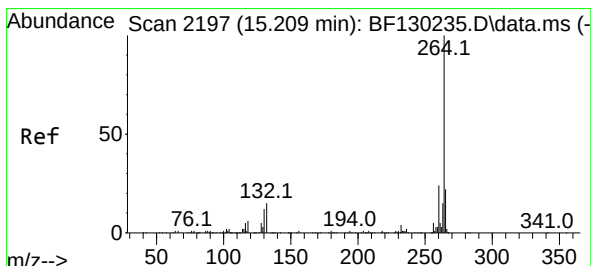
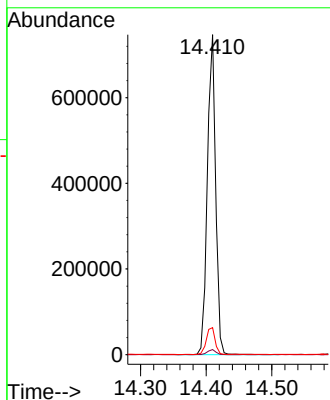
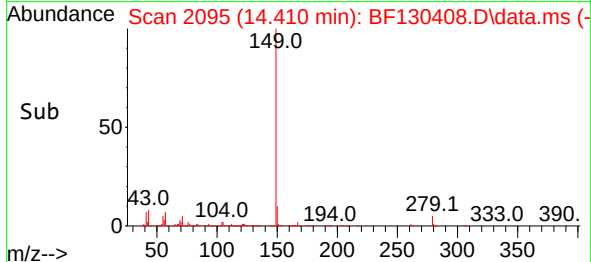
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion:149 Resp: 651473
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 9.0 8.7 13.1

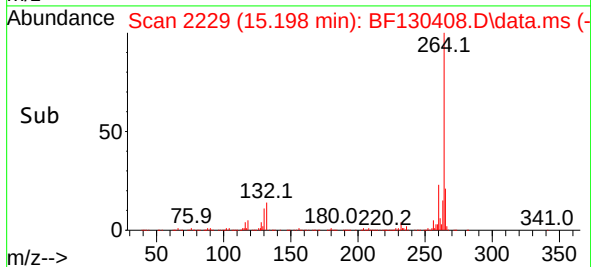
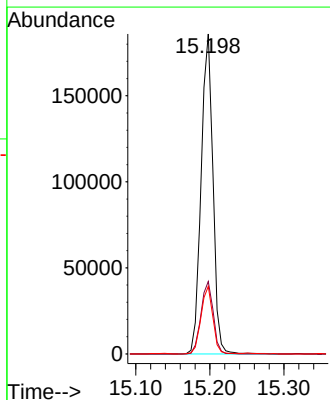
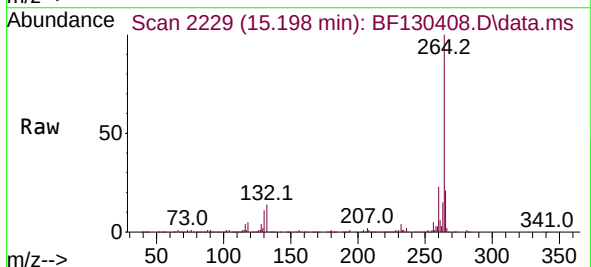
Manual Integrations
APPROVED

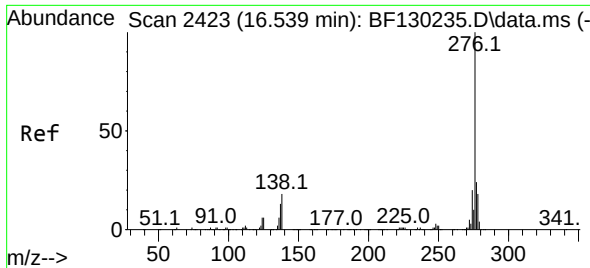
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.198 min Scan# 2229
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

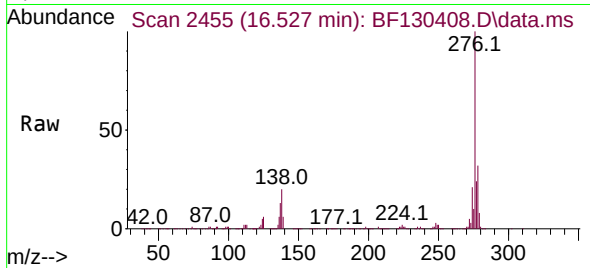
Tgt Ion:264 Resp: 205838
Ion Ratio Lower Upper
264 100
260 22.7 19.3 28.9
265 21.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.478 ng
RT: 16.527 min Scan# 2423
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

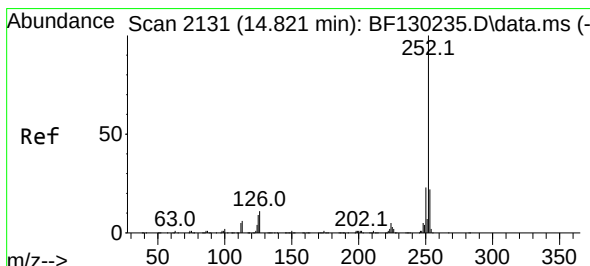
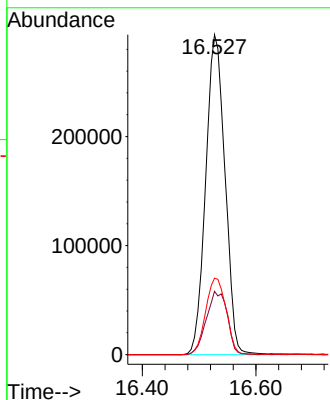
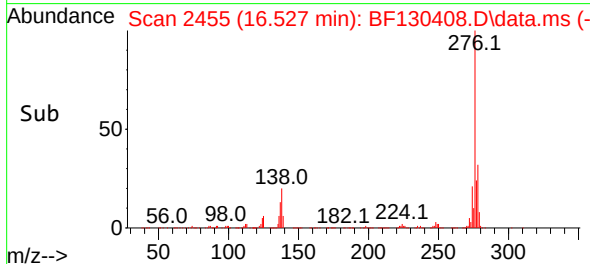
Instrument :
BNA_F
ClientSampleId :
PB147858BS



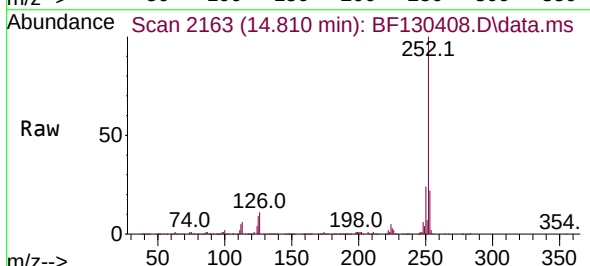
Tgt Ion:276 Resp: 693026
Ion Ratio Lower Upper
276 100
138 21.4 18.5 27.7
277 25.4 20.2 30.4

Manual Integrations
APPROVED

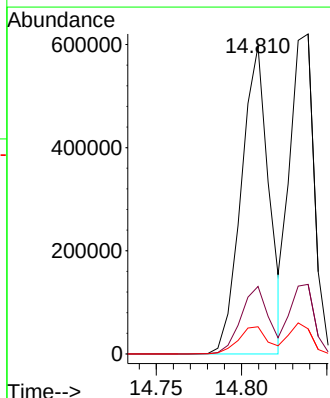
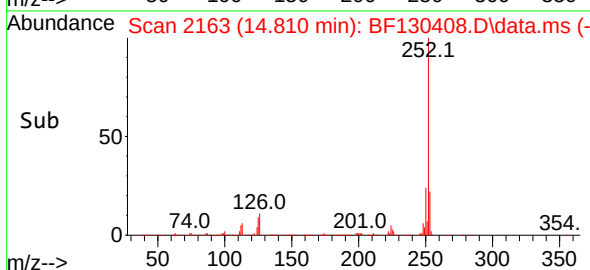
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022

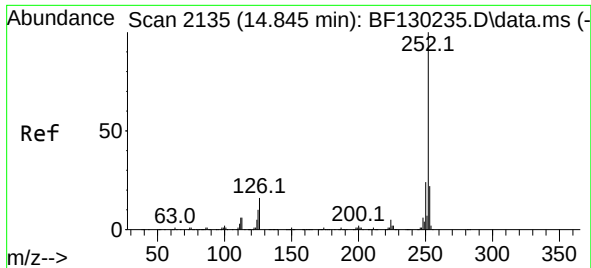


#88
Benzo(b)fluoranthene
Concen: 50.119 ng
RT: 14.810 min Scan# 2163
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



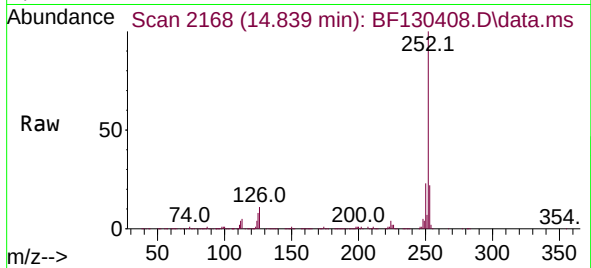
Tgt Ion:252 Resp: 673347
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.8 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 46.760 ng m
RT: 14.839 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

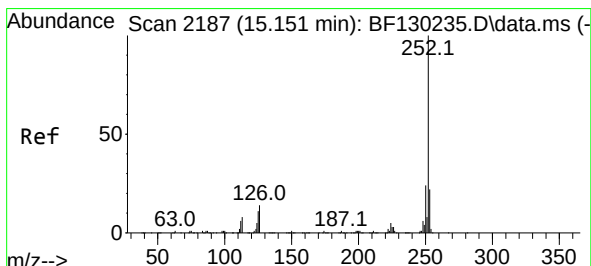
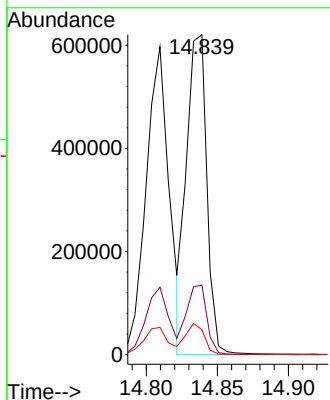
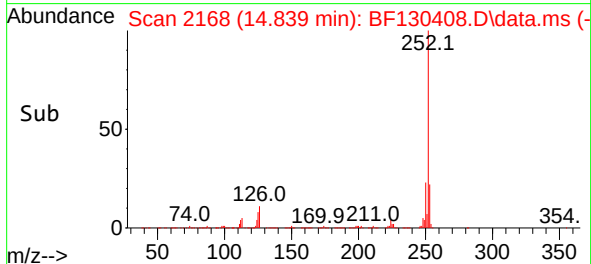
Instrument :
BNA_F
ClientSampleId :
PB147858BS



Tgt Ion:252 Resp: 617975
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.2
125 7.8 7.9 11.9

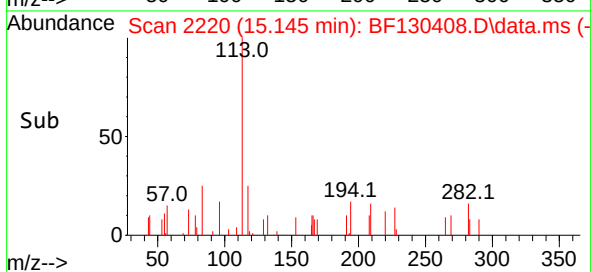
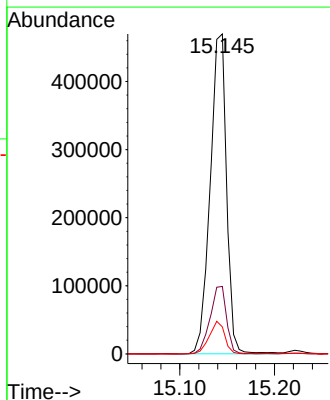
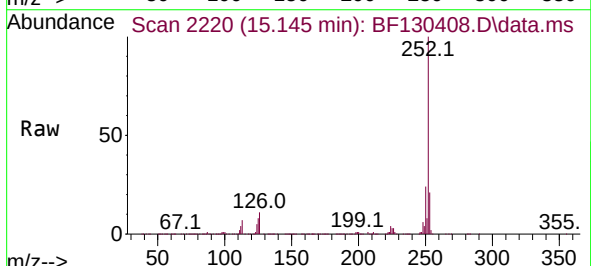
Manual Integrations
APPROVED

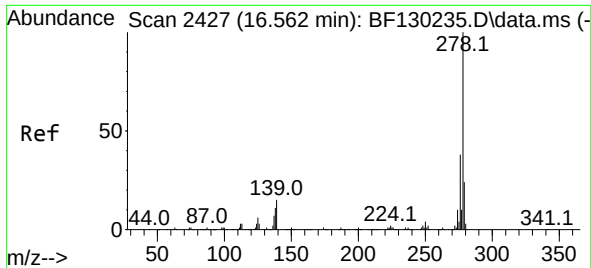
Reviewed By :Christian Giraldo 09/27/2022
Supervised By :Jagrut Upadhyay 09/27/2022



#90
Benzo(a)pyrene
Concen: 53.017 ng
RT: 15.145 min Scan# 2220
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

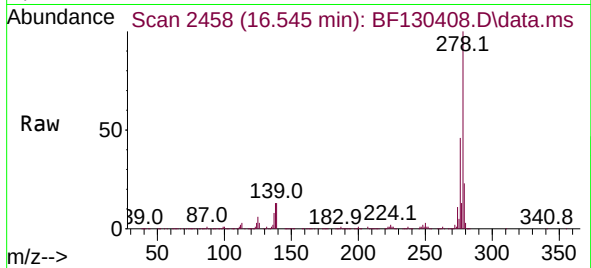
Tgt Ion:252 Resp: 564300
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.6
125 8.4 9.0 13.6





#91
Dibenzo(a,h)anthracene
Concen: 49.886 ng
RT: 16.545 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57

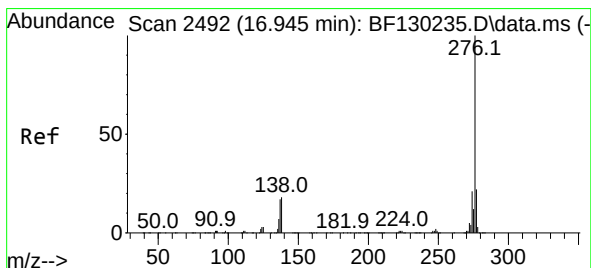
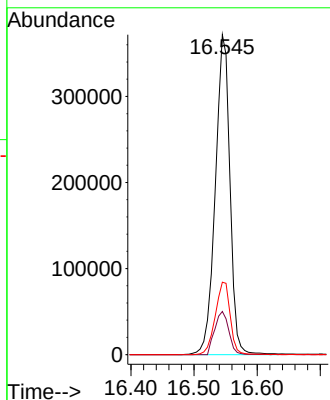
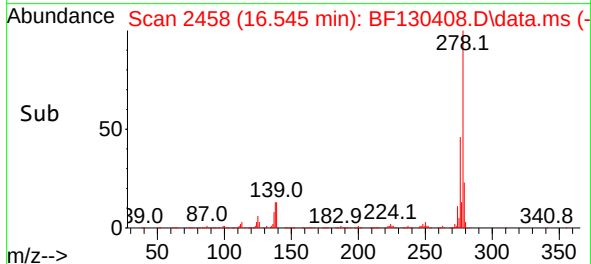
Instrument :
BNA_F
ClientSampleId :
PB147858BS



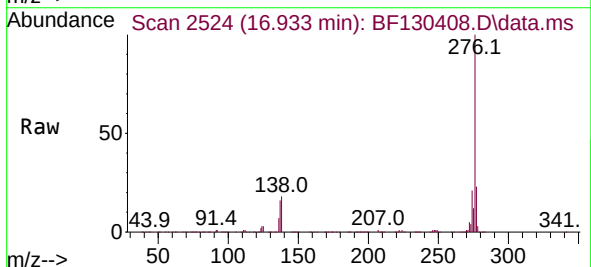
Tgt Ion:278 Resp: 597362
Ion Ratio Lower Upper
278 100
139 13.5 11.8 17.8
279 22.6 19.4 29.0

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 49.646 ng
RT: 16.933 min Scan# 2524
Delta R.T. 0.006 min
Lab File: BF130408.D
Acq: 26 Sep 2022 14:57



Tgt Ion:276 Resp: 598852
Ion Ratio Lower Upper
276 100
277 23.5 18.6 27.8
138 18.2 14.6 21.8

