

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111021\
 Data File : BF126109.D
 Acq On : 10 Nov 2021 16:03
 Operator : JU/CG
 Sample : M4595-07MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMC-ICS-001-002MSD

Quant Time: Nov 11 09:29:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	173936	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	594543	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	310941	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	470204	20.000	ng	0.00
76) Chrysene-d12	14.021	240	376878	20.000	ng	# 0.01
86) Perylene-d12	15.480	264	308371	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	574610	56.732	ng	0.02
7) Phenol-d6	6.487	99	1245208	87.212	ng	0.00
23) Nitrobenzene-d5	7.422	82	1032737	81.919	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	34861	9.783	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1855648	80.647	ng	0.00
79) Terphenyl-d14	12.963	244	1598433	68.392	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.699	88	169898	40.341	ng	# 100
3) Pyridine	3.440	79	399657	35.265	ng	94
4) n-Nitrosodimethylamine	3.399	42	328100	41.285	ng	# 77
6) Aniline	6.516	93	312022	19.819	ng	# 88
8) 2-Chlorophenol	6.640	128	501739	46.359	ng	82
9) Benzaldehyde	6.404	77	345859	42.771	ng	90
10) Phenol	6.504	94	637065	43.637	ng	81
11) bis(2-Chloroethyl)ether	6.592	93	476982	44.856	ng	90
12) 1,3-Dichlorobenzene	6.798	146	563362	45.704	ng	94
13) 1,4-Dichlorobenzene	6.875	146	570317	45.374	ng	97
14) 1,2-Dichlorobenzene	7.028	146	546914	45.164	ng	98
15) Benzyl Alcohol	6.998	79	528981	43.382	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.134	45	808001	41.324	ng	92
17) 2-Methylphenol	7.110	107	416962	45.269	ng	# 89
18) Hexachloroethane	7.369	117	204715	43.352	ng	# 86
19) n-Nitroso-di-n-propyla...	7.269	70	413724	43.954	ng	# 81
20) 3+4-Methylphenols	7.263	107	541284	43.468	ng	# 61
22) Acetophenone	7.263	105	780347	45.444	ng	# 83
24) Nitrobenzene	7.439	77	613779	49.156	ng	# 86
25) Isophorone	7.675	82	1035869	45.637	ng	# 86
26) 2-Nitrophenol	7.751	139	234063	52.506	ng	# 63
27) 2,4-Dimethylphenol	7.792	122	416850	50.372	ng	# 82
28) bis(2-Chloroethoxy)met...	7.886	93	593017	44.306	ng	# 96
29) 2,4-Dichlorophenol	7.998	162	425646	45.567	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	512241	44.974	ng	98
31) Naphthalene	8.163	128	1390105	45.141	ng	99
32) Benzoic acid	7.910	122	227134	44.962	ng	# 74
33) 4-Chloroaniline	8.204	127	123443	10.030	ng	# 90
34) Hexachlorobutadiene	8.281	225	362377	46.219	ng	100
35) Caprolactam	8.575	113	108691	41.785	ng	# 67
36) 4-Chloro-3-methylphenol	8.692	107	468442	43.488	ng	86
37) 2-Methylnaphthalene	8.851	142	978313	45.998	ng	99
38) 1-Methylnaphthalene	8.951	142	885306	42.973	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	512875	49.218	ng	98
41) Hexachlorocyclopentadiene	9.004	237	237407	43.848	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	312589	49.537	ng	97

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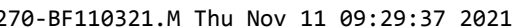
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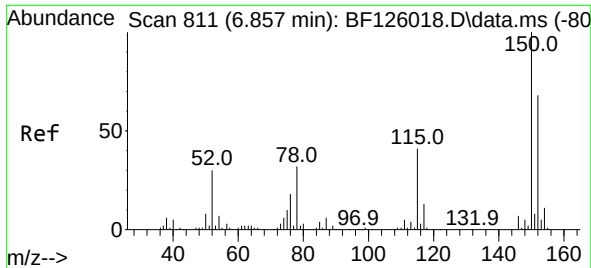
Quant Time: Nov 11 09:29:27 2021
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	329265	48.300	ng	94
46) 1,1'-Biphenyl	9.316	154	1130916	47.055	ng	98
47) 2-Chloronaphthalene	9.339	162	887325	46.906	ng	99
48) 2-Nitroaniline	9.433	65	306742	49.482	ng	# 78
49) Acenaphthylene	9.751	152	1298212	45.379	ng	98
50) Dimethylphthalate	9.616	163	1110514	49.056	ng	98
51) 2,6-Dinitrotoluene	9.675	165	214347	55.240	ng	# 78
52) Acenaphthene	9.928	154	789370	43.746	ng	95
53) 3-Nitroaniline	9.839	138	133736	33.620	ng	# 57
54) 2,4-Dinitrophenol	9.945	184	51687	35.910	ng	92
55) Dibenzofuran	10.098	168	1157792	42.623	ng	98
56) 4-Nitrophenol	10.004	139	281314	89.607	ng	# 55
57) 2,4-Dinitrotoluene	10.075	165	261743	46.904	ng	# 86
58) Fluorene	10.439	166	885378	40.600	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	248197	42.995	ng	# 87
60) Diethylphthalate	10.310	149	1047514	46.142	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	501666	43.015	ng	# 87
62) 4-Nitroaniline	10.451	138	170607	41.122	ng	85
63) Azobenzene	10.592	77	959616	38.929	ng	92
65) 4,6-Dinitro-2-methylph...	10.480	198	42503	23.838	ng	96
66) n-Nitrosodiphenylamine	10.545	169	777912	51.952	ng	95
67) 4-Bromophenyl-phenylether	10.922	248	285787	50.180	ng	97
68) Hexachlorobenzene	10.986	284	294440	49.490	ng	93
69) Atrazine	11.075	200	278245	52.535	ng	93
70) Pentachlorophenol	11.180	266	302515	94.363	ng	95
71) Phenanthrene	11.404	178	1174463	46.059	ng	98
72) Anthracene	11.451	178	1184487	46.527	ng	99
73) Carbazole	11.604	167	995416	42.158	ng	99
74) Di-n-butylphthalate	11.939	149	1326167	48.203	ng	99
75) Fluoranthene	12.592	202	1272843	44.826	ng	95
77) Benzidine	12.710	184	573101	45.489	ng	# 97
78) Pyrene	12.821	202	1309422	43.324	ng	97
80) Butylbenzylphthalate	13.439	149	507705	46.117	ng	91
81) Benzo(a)anthracene	14.010	228	1182593	45.676	ng	100
82) 3,3'-Dichlorobenzidine	13.968	252	270080	35.747	ng	# 97
83) Chrysene	14.045	228	1137541	47.219	ng	98
84) Bis(2-ethylhexyl)phtha...	13.998	149	720118	47.196	ng	98
85) Di-n-octyl phthalate	14.610	149	1185658	54.693	ng	# 97
87) Indeno(1,2,3-cd)pyrene	16.951	276	845567	46.326	ng	# 83
88) Benzo(b)fluoranthene	15.057	252	1046801	52.188	ng	# 94
89) Benzo(k)fluoranthene	15.086	252	861017	44.252	ng	99
90) Benzo(a)pyrene	15.427	252	864846	54.728	ng	# 92
91) Dibenzo(a,h)anthracene	16.968	278	715460	47.725	ng	# 89
92) Benzo(g,h,i)perylene	17.392	276	672013	46.740	ng	# 82

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

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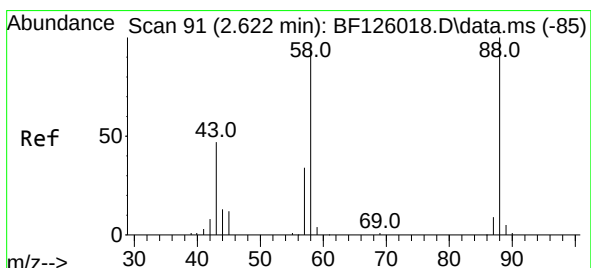
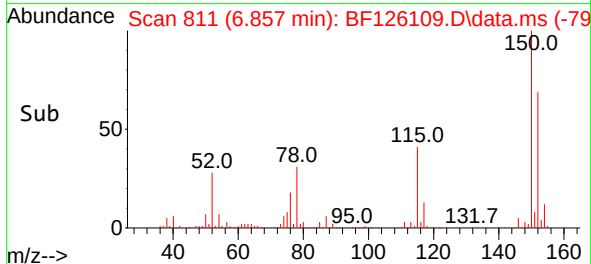
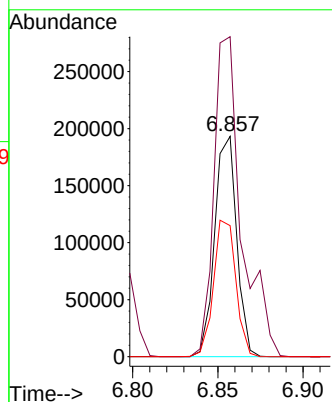
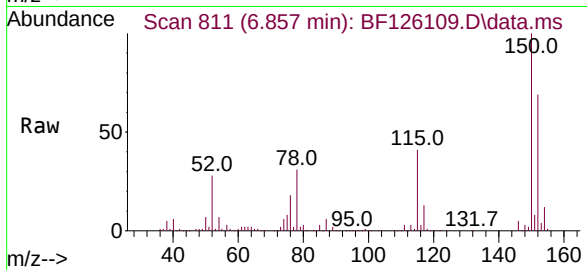




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

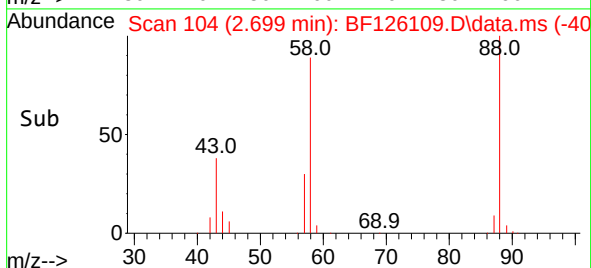
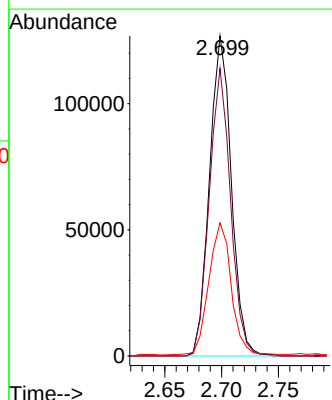
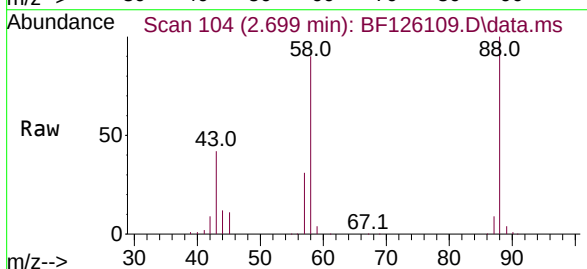
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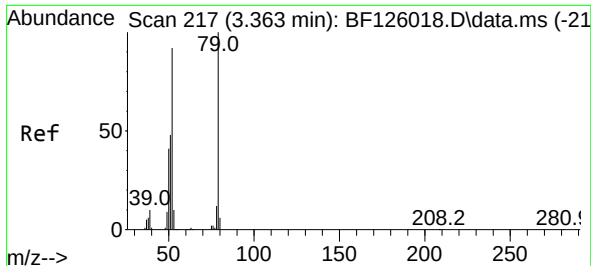
Tgt Ion:152 Resp: 173936
 Ion Ratio Lower Upper
 152 100
 150 145.2 117.6 176.4
 115 59.5 47.1 70.7



#2
 1,4-Dioxane
 Concen: 40.341 ng
 RT: 2.699 min Scan# 104
 Delta R.T. 0.077 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

Tgt Ion: 88 Resp: 169898
 Ion Ratio Lower Upper
 88 100
 58 87.7 0.0 0.0#
 43 42.1 0.0 0.0#

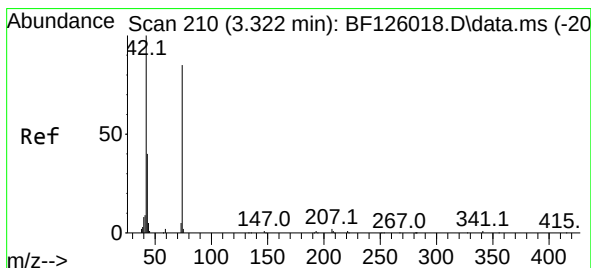
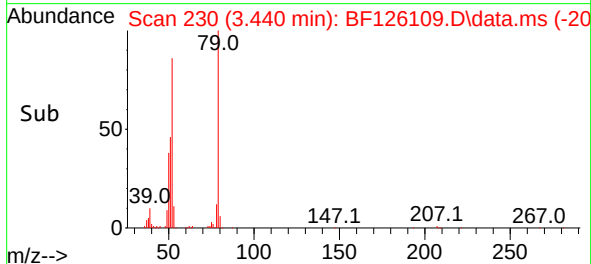
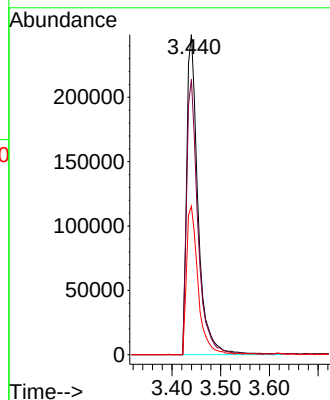
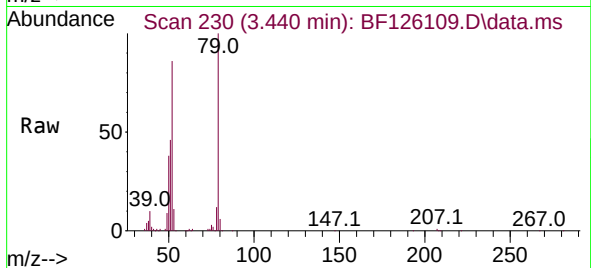




#3
 Pyridine
 Concen: 35.265 ng
 RT: 3.440 min Scan# 21
 Delta R.T. 0.077 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

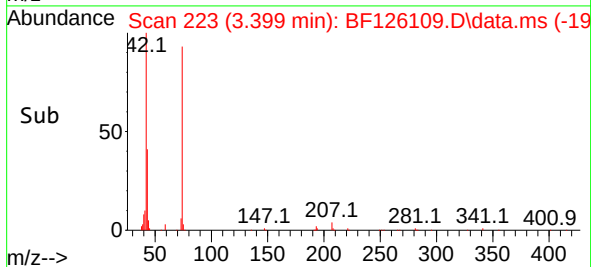
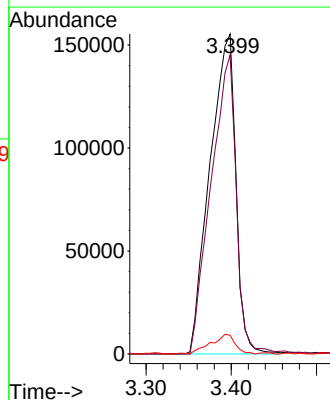
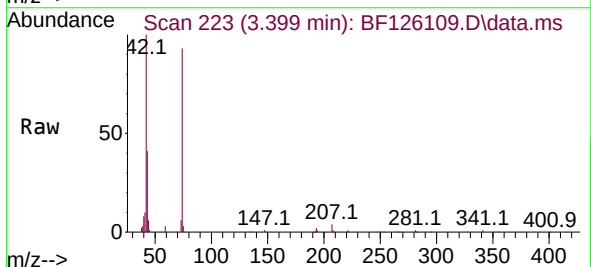
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 ClientSampleId :
 CMC-ICS-001-002MSD

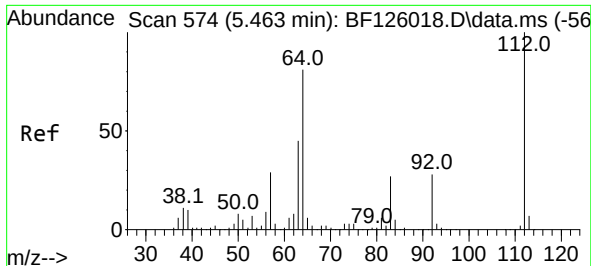
Tgt Ion: 79 Resp: 399657
 Ion Ratio Lower Upper
 79 100
 52 86.0 70.3 105.5
 51 46.4 44.1 66.1



#4
 n-Nitrosodimethylamine
 Concen: 41.285 ng
 RT: 3.399 min Scan# 223
 Delta R.T. 0.076 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

Tgt Ion: 42 Resp: 328100
 Ion Ratio Lower Upper
 42 100
 74 93.4 59.0 88.6#
 44 5.9 0.0 0.0#

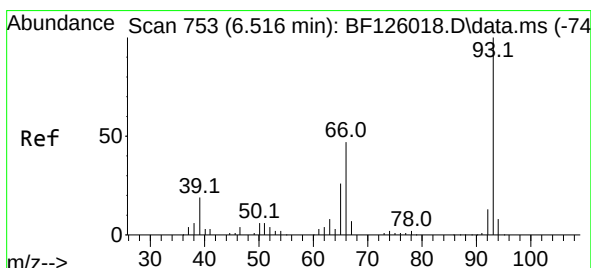
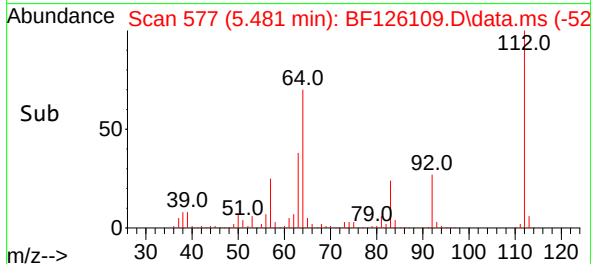
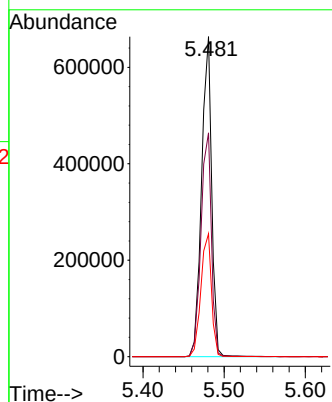
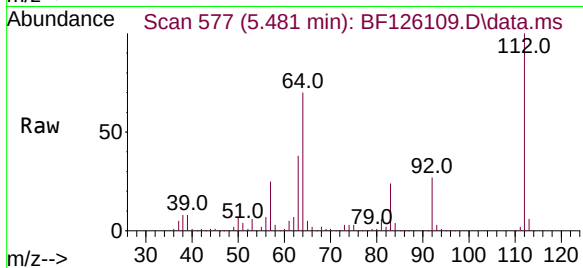




#5
2-Fluorophenol
Concen: 56.732 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

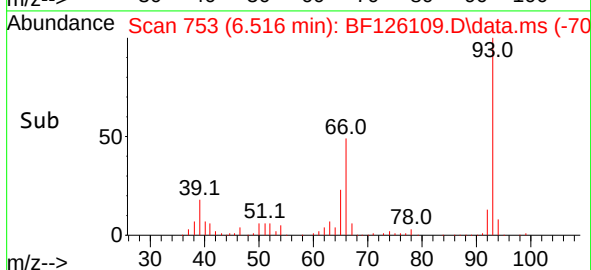
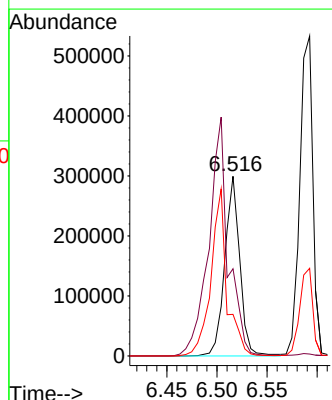
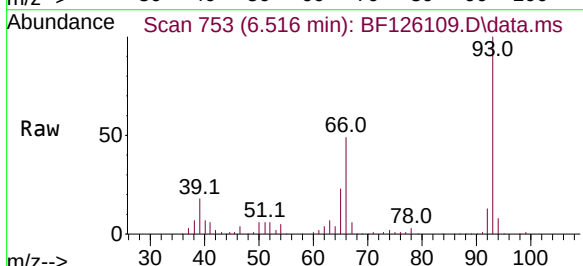
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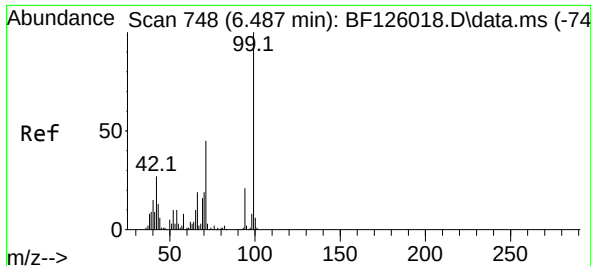
Tgt Ion:112 Resp: 574610
Ion Ratio Lower Upper
112 100
64 70.0 44.2 66.2#
63 38.4 26.2 39.2



#6
Aniline
Concen: 19.819 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion: 93 Resp: 312022
Ion Ratio Lower Upper
93 100
66 48.5 32.7 49.1
65 23.1 14.2 21.4#

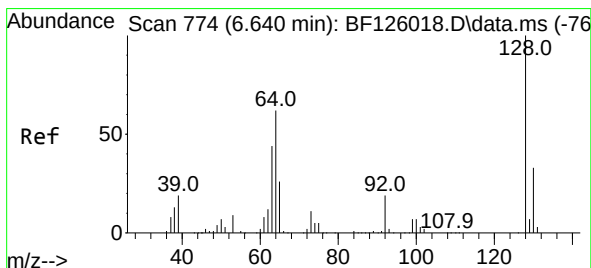
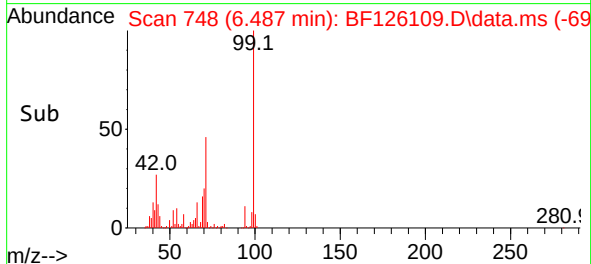
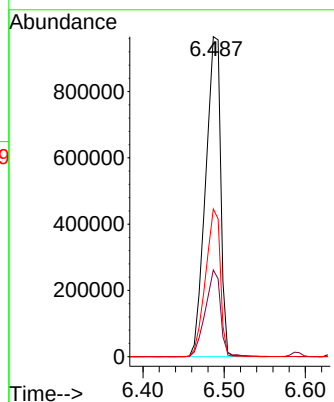
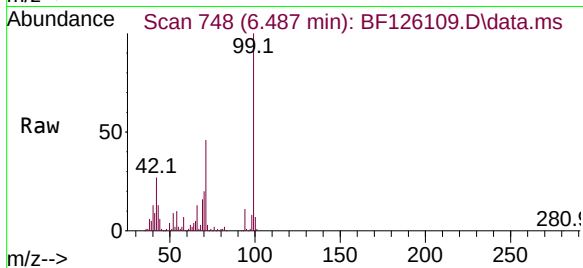




#7
Phenol-d6
Concen: 87.212 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

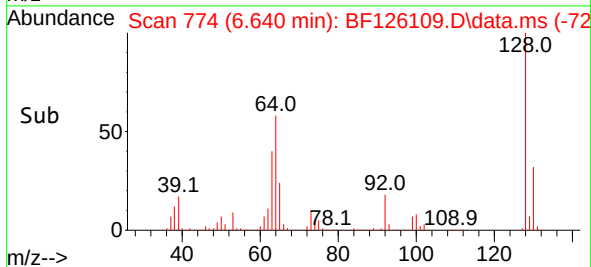
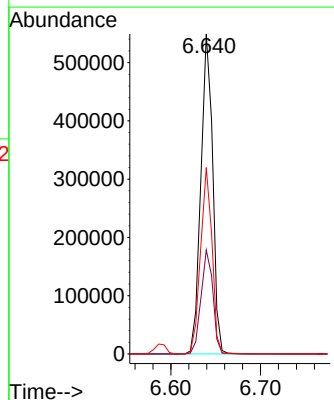
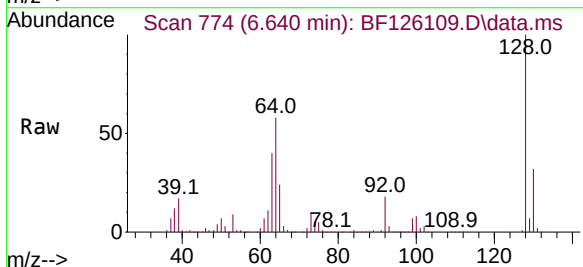
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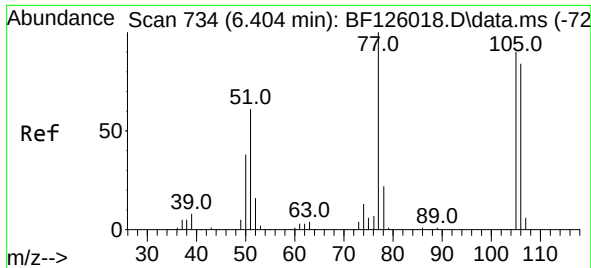
Tgt Ion: 99 Resp: 1245208
Ion Ratio Lower Upper
99 100
42 27.1 23.5 35.3
71 46.1 25.6 38.4#



#8
2-Chlorophenol
Concen: 46.359 ng
RT: 6.640 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:128 Resp: 501739
Ion Ratio Lower Upper
128 100
130 32.5 10.5 50.5
64 58.3 20.3 60.3





#9

Benzaldehyde

Concen: 42.771 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

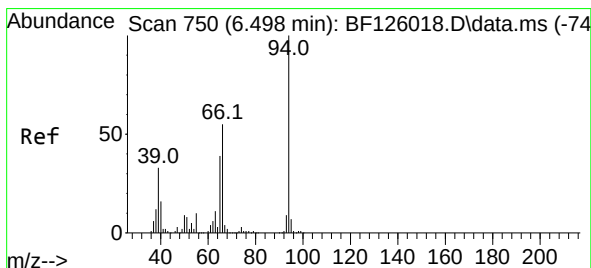
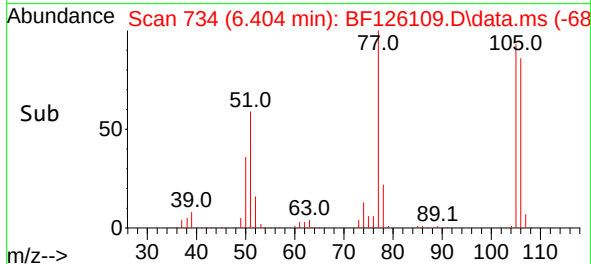
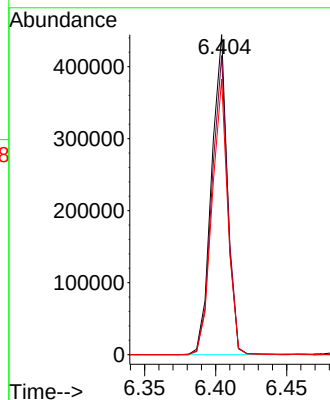
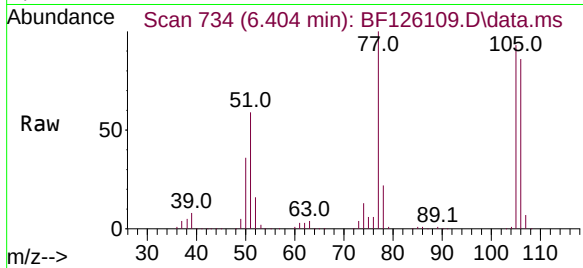
Tgt Ion: 77 Resp: 345859

Ion Ratio Lower Upper

77 100

105 93.5 75.9 115.9

106 86.1 84.0 124.0



#10

Phenol

Concen: 43.637 ng

RT: 6.504 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

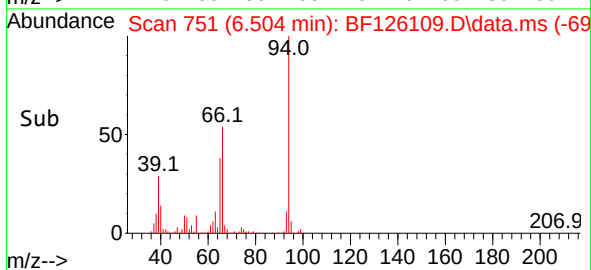
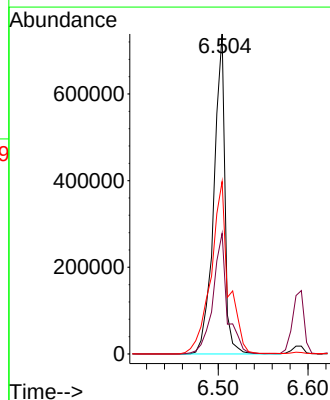
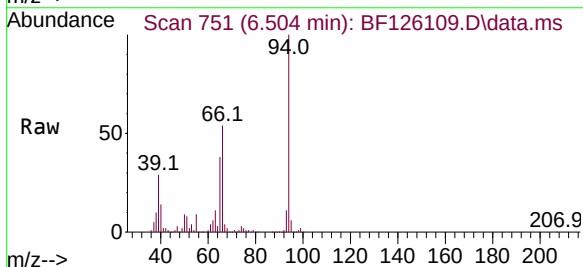
Tgt Ion: 94 Resp: 637065

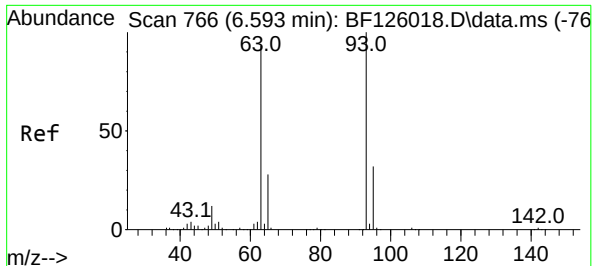
Ion Ratio Lower Upper

94 100

65 37.7 9.3 49.3

66 53.9 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 44.856 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.001 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

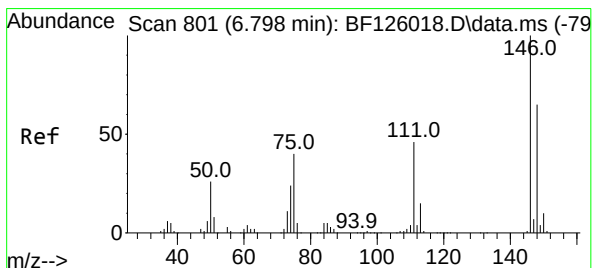
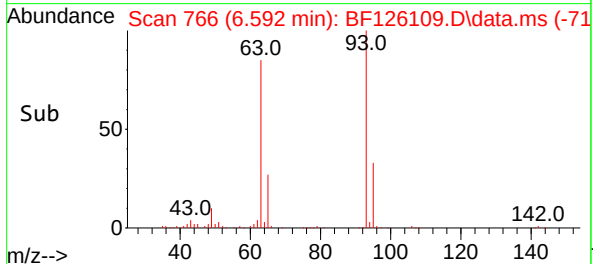
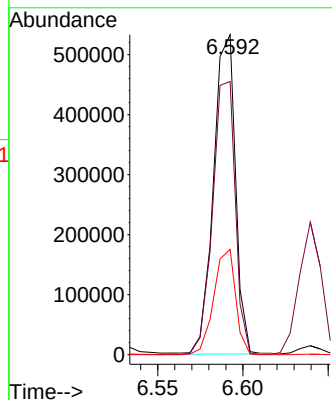
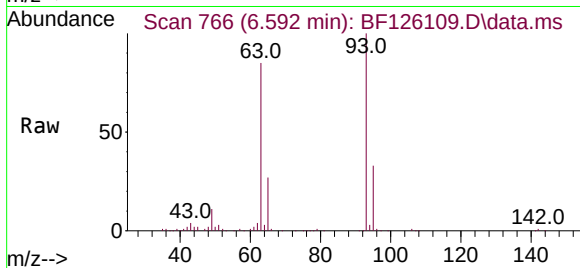
Tgt Ion: 93 Resp: 476982

Ion Ratio Lower Upper

93 100

63 85.4 54.4 94.4

95 32.9 11.4 51.4



#12

1,3-Dichlorobenzene

Concen: 45.704 ng

RT: 6.798 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

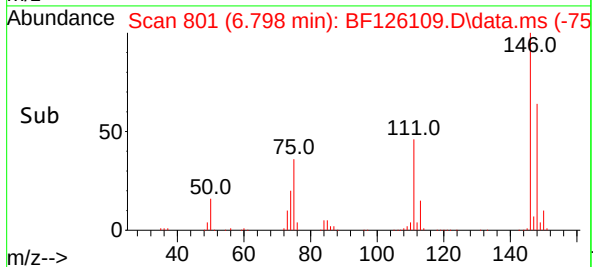
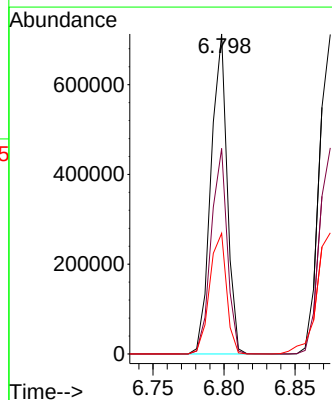
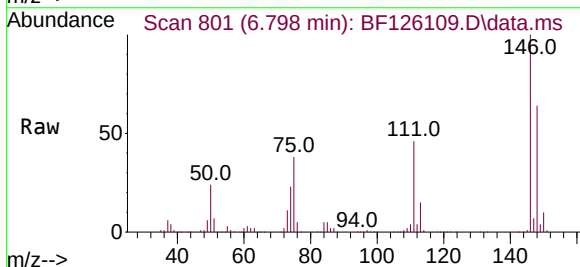
Tgt Ion:146 Resp: 563362

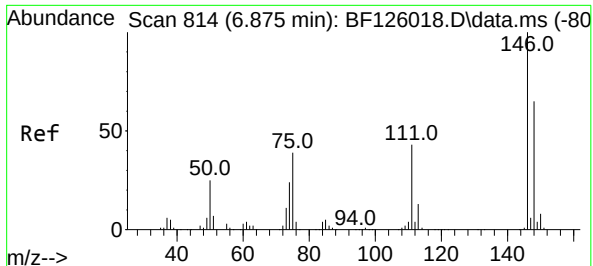
Ion Ratio Lower Upper

146 100

148 64.2 49.7 74.5

75 37.7 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 45.374 ng

RT: 6.875 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

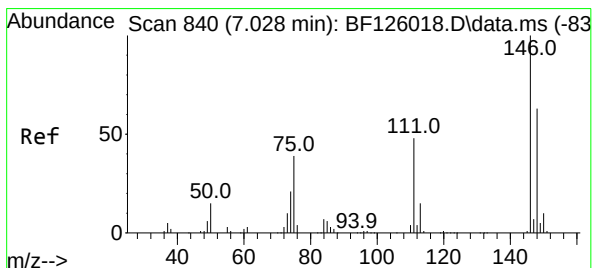
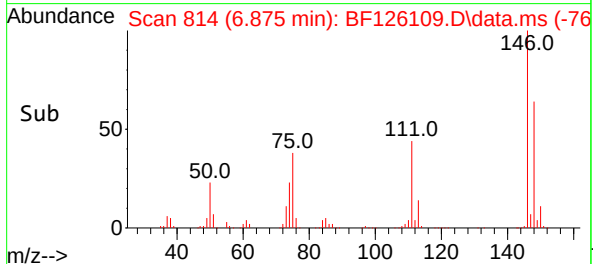
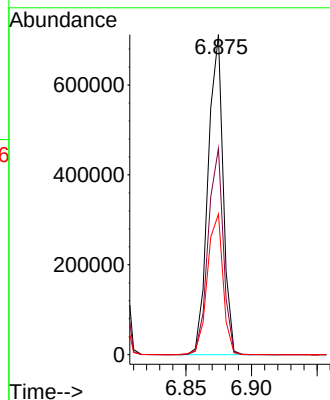
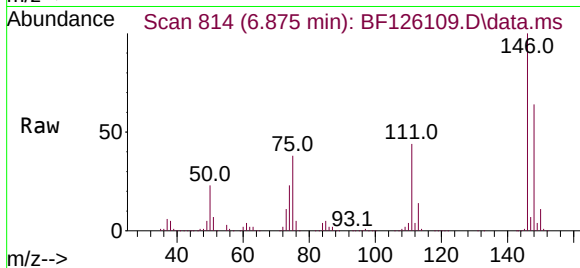
Tgt Ion:146 Resp: 570317

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

111 43.9 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 45.164 ng

RT: 7.028 min Scan# 840

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

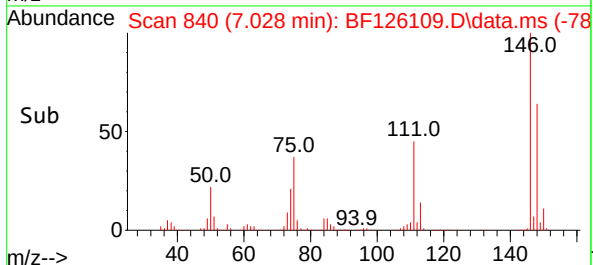
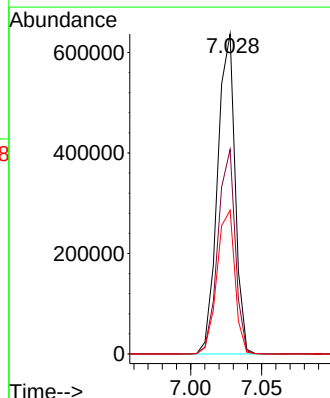
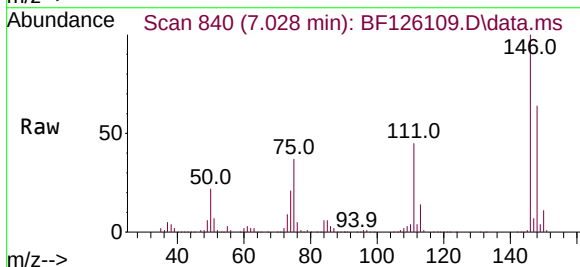
Tgt Ion:146 Resp: 546914

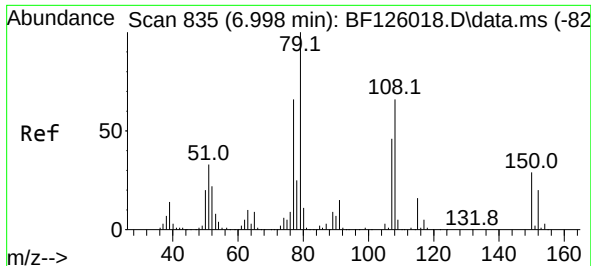
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

111 44.9 33.5 50.3

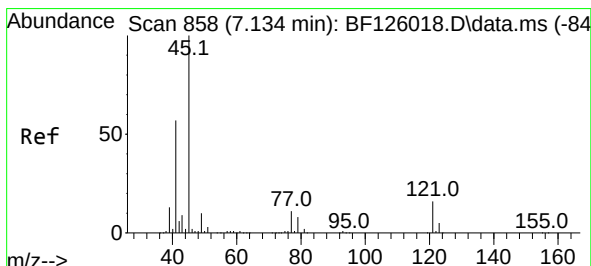
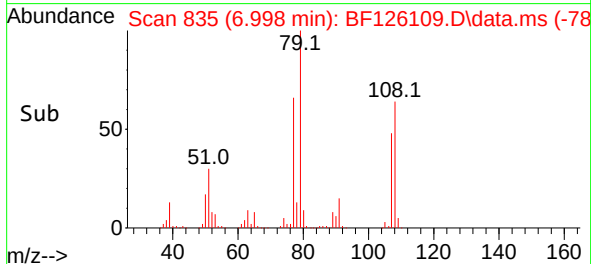
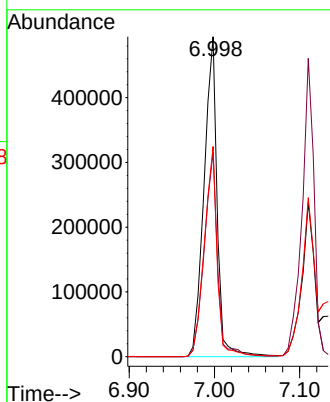
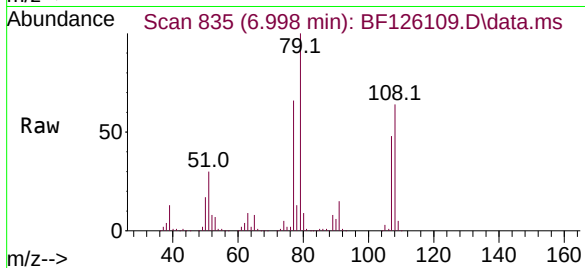




#15
Benzyl Alcohol
Concen: 43.382 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

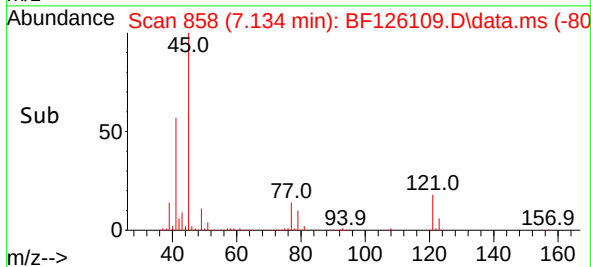
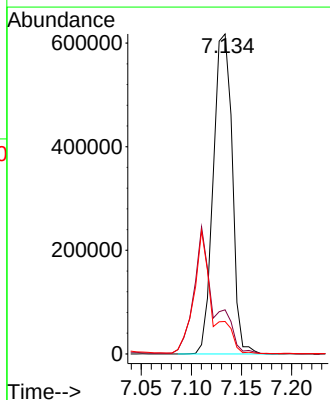
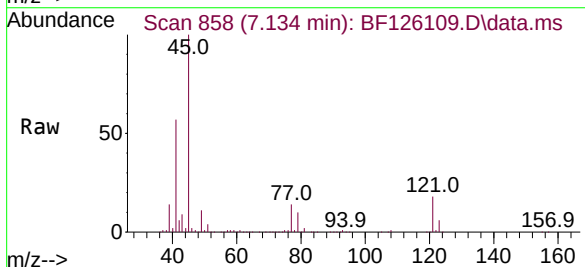
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

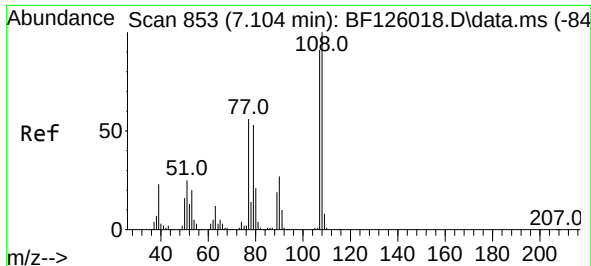
Tgt Ion: 79 Resp: 528981
Ion Ratio Lower Upper
79 100
108 63.9 60.4 90.6
77 65.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.324 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion: 45 Resp: 808001
Ion Ratio Lower Upper
45 100
77 13.8 0.0 30.6
79 10.1 0.0 27.5

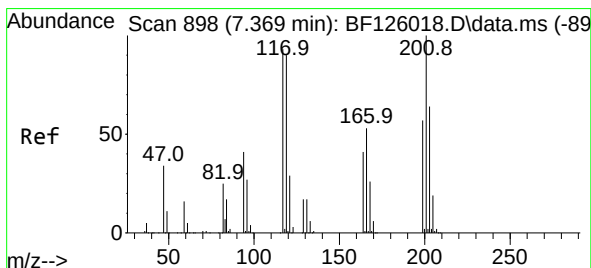
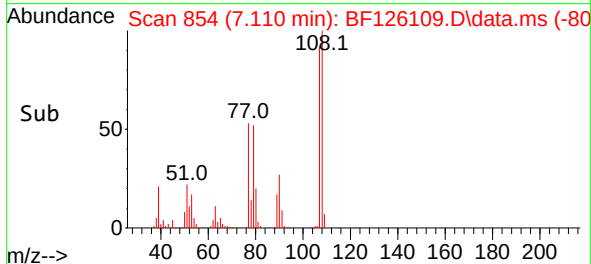
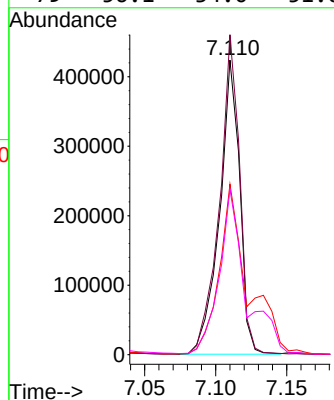
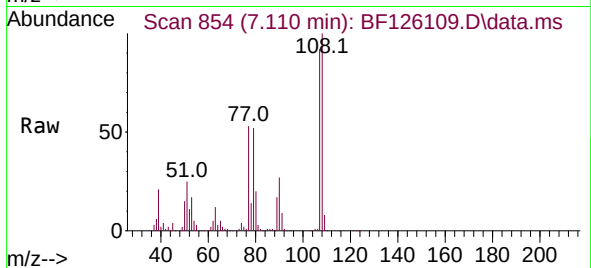




#17
2-Methylphenol
Concen: 45.269 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

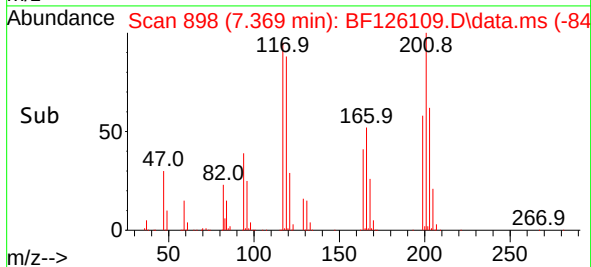
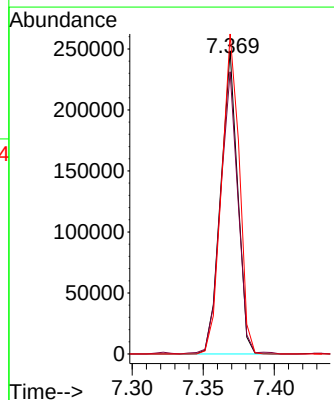
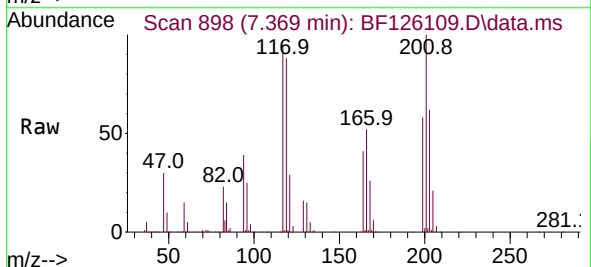
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

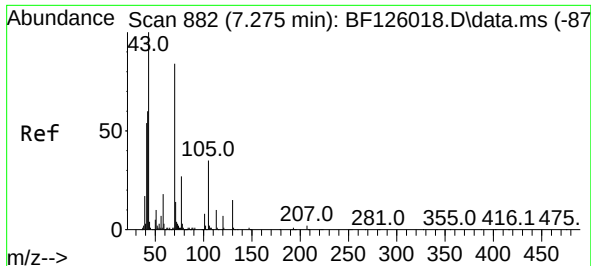
Tgt Ion:107 Resp: 416962
Ion Ratio Lower Upper
107 100
108 108.6 90.6 135.8
77 57.9 35.7 53.5#
79 56.1 34.0 51.0#



#18
Hexachloroethane
Concen: 43.352 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:117 Resp: 204715
Ion Ratio Lower Upper
117 100
119 93.1 73.4 110.2
201 105.6 64.9 97.3#

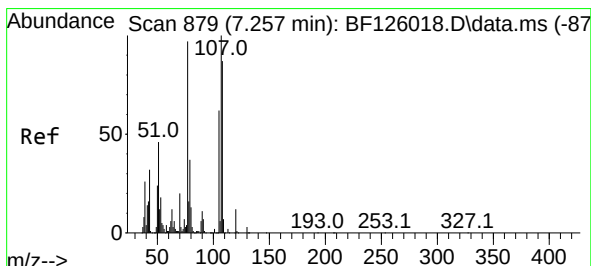
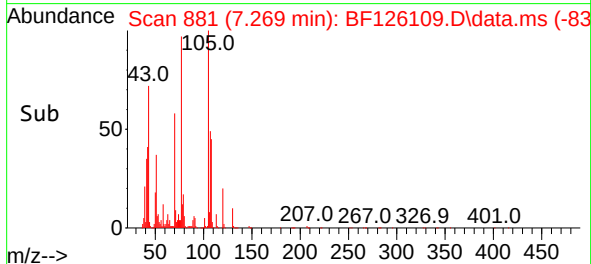
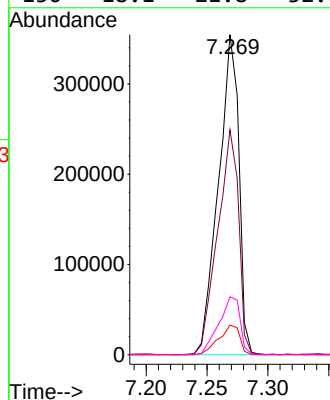
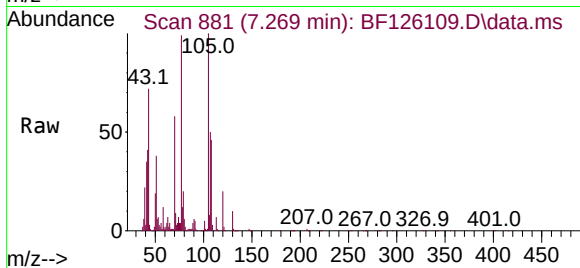




#19
n-Nitroso-di-n-propylamine
Concen: 43.954 ng
RT: 7.269 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

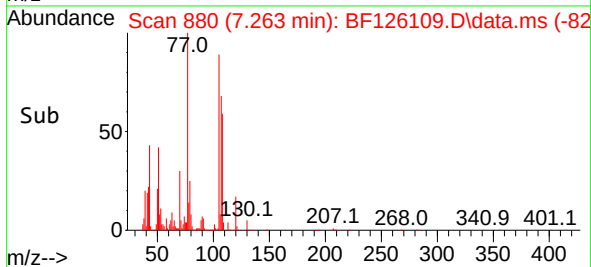
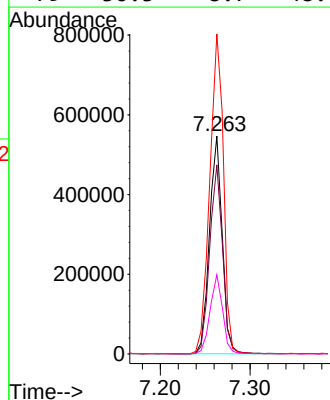
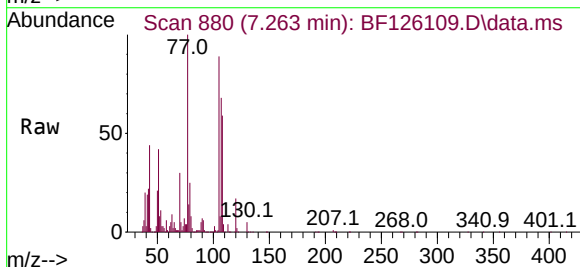
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

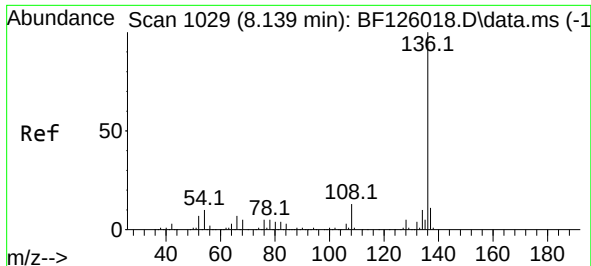
Tgt Ion: 70 Resp: 413724
Ion Ratio Lower Upper
70 100
42 70.3 72.2 108.2#
101 9.2 7.8 11.8
130 18.1 21.8 32.6#



#20
3+4-Methylphenols
Concen: 43.468 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

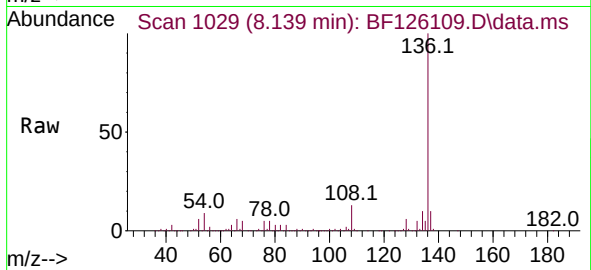
Tgt Ion: 107 Resp: 541284
Ion Ratio Lower Upper
107 100
108 86.8 76.6 116.6
77 146.8 53.3 93.3#
79 36.3 8.7 48.7



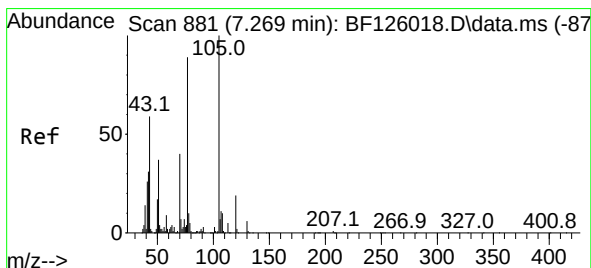
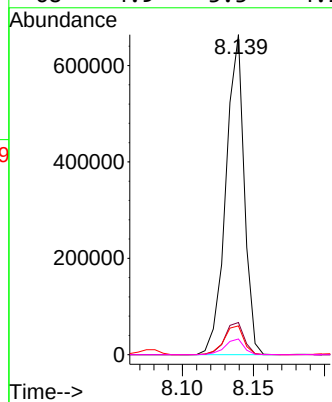
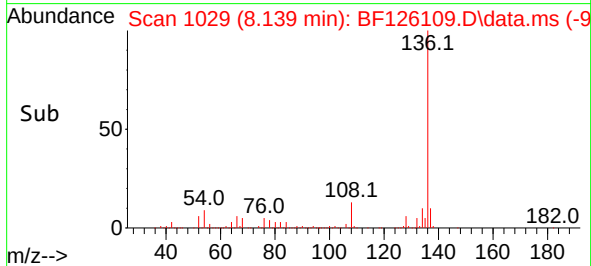


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

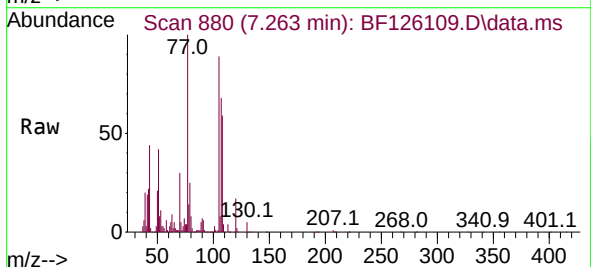
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD



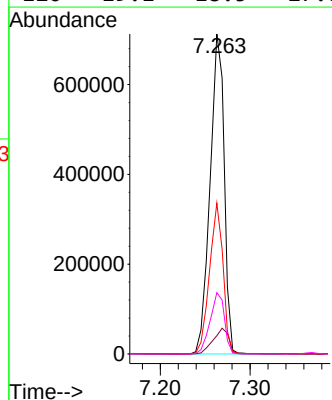
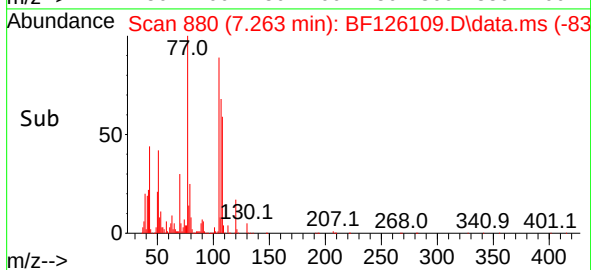
Tgt Ion:136 Resp: 594543
Ion Ratio Lower Upper
136 100
137 10.1 9.8 14.6
54 9.0 6.4 9.6
68 4.9 3.3 4.9

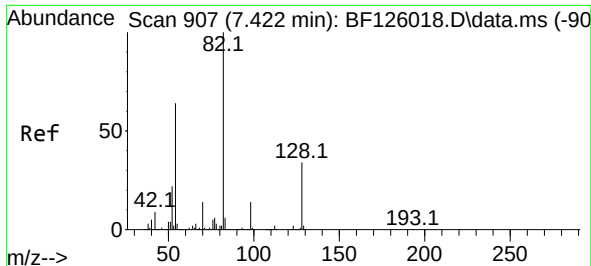


#22
Acetophenone
Concen: 45.444 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03



Tgt Ion:105 Resp: 780347
Ion Ratio Lower Upper
105 100
71 5.7 5.5 8.3
51 47.1 26.0 39.0#
120 19.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 81.919 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

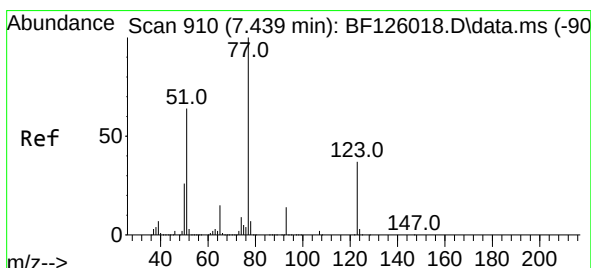
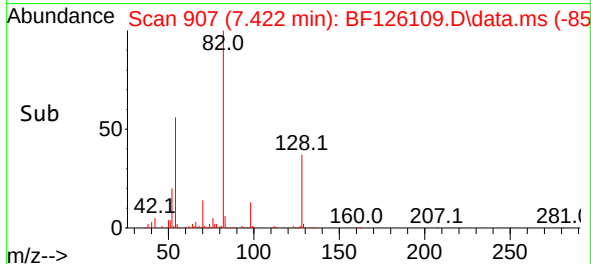
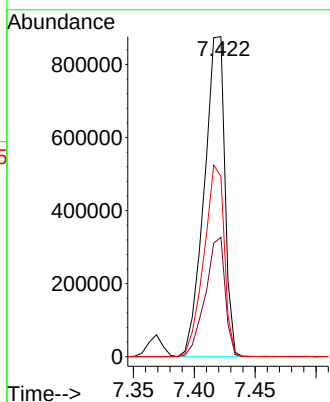
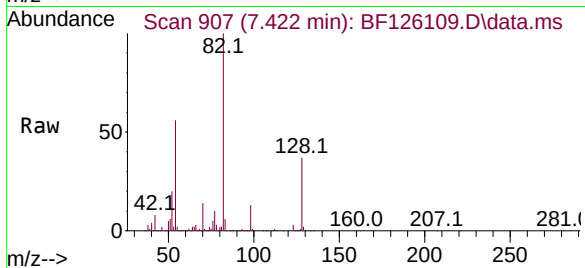
BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

Tgt Ion: 82 Resp: 1032737

Ion	Ratio	Lower	Upper
82	100		
128	37.3	40.6	60.8#
54	56.4	49.6	74.4



#24

Nitrobenzene

Concen: 49.156 ng

RT: 7.439 min Scan# 910

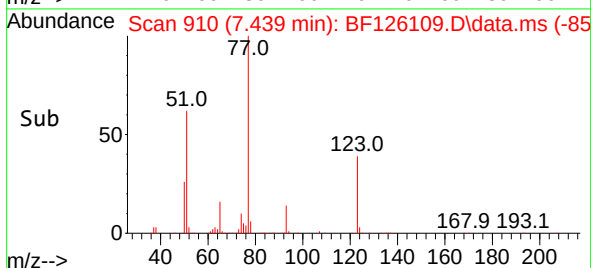
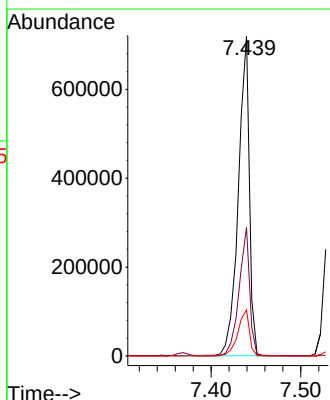
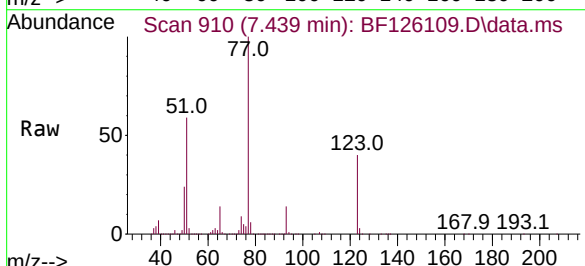
Delta R.T. 0.000 min

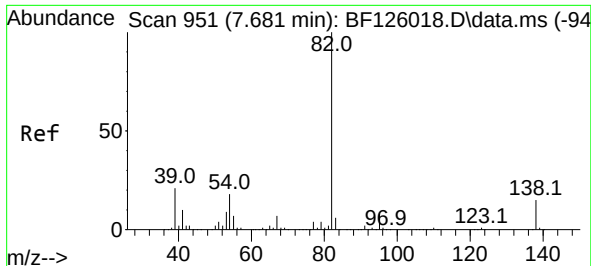
Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Tgt Ion: 77 Resp: 613779

Ion	Ratio	Lower	Upper
77	100		
123	40.2	42.3	63.5#
65	14.4	12.4	18.6

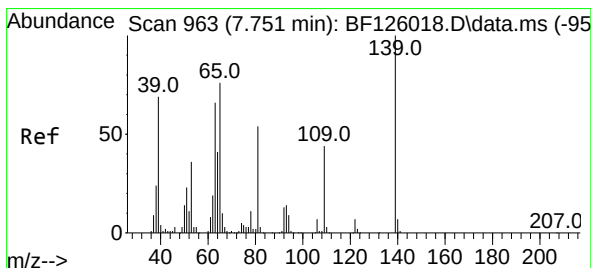
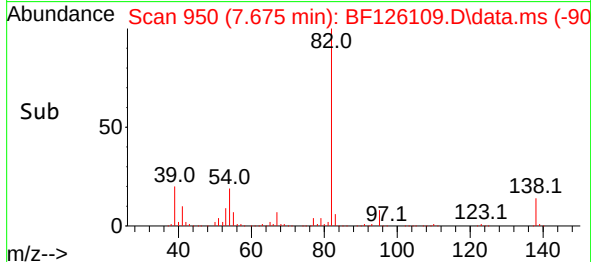
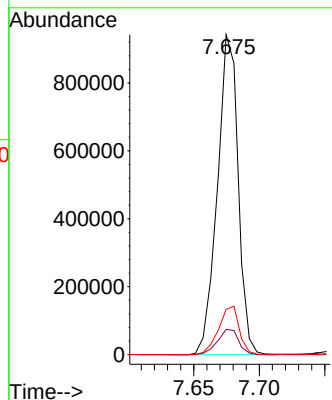
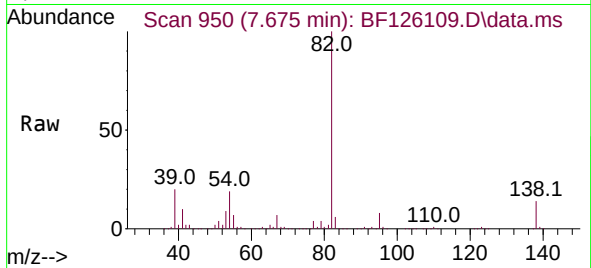




#25
Isophorone
Concen: 45.637 ng
RT: 7.675 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

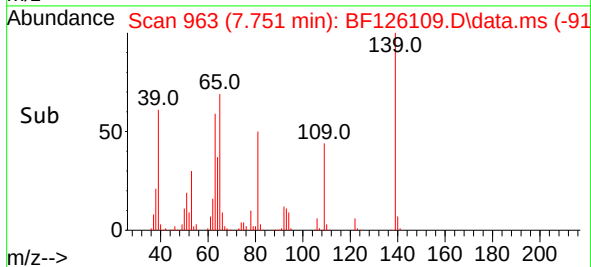
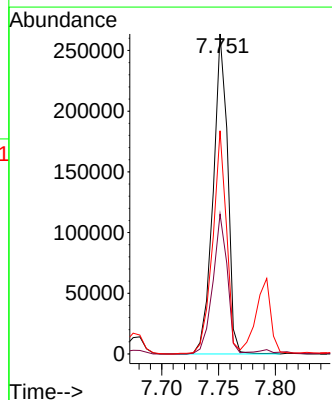
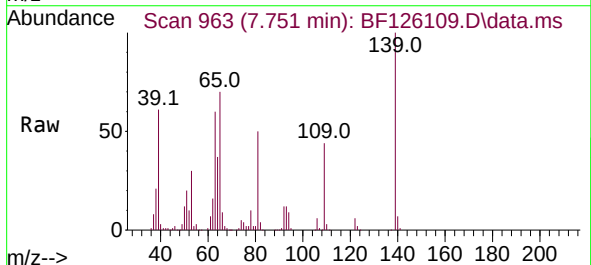
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

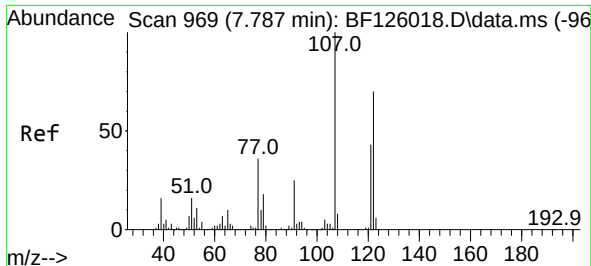
Tgt Ion: 82 Resp: 1035869
Ion Ratio Lower Upper
82 100
95 7.9 6.5 9.7
138 14.2 18.4 27.6#



#26
2-Nitrophenol
Concen: 52.506 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:139 Resp: 234063
Ion Ratio Lower Upper
139 100
109 43.7 26.0 39.0#
65 69.7 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 50.372 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.005 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

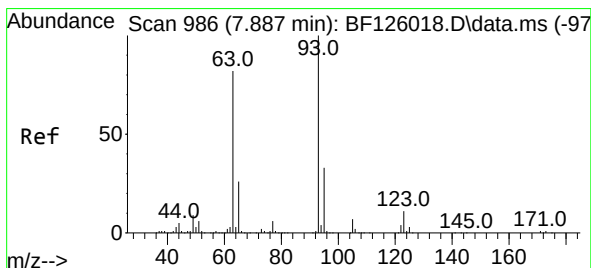
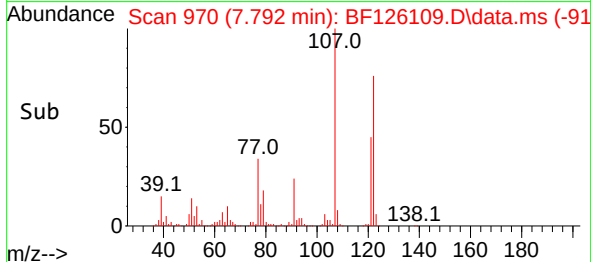
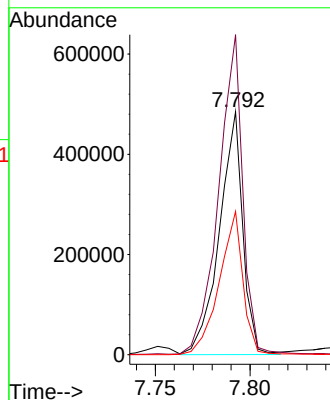
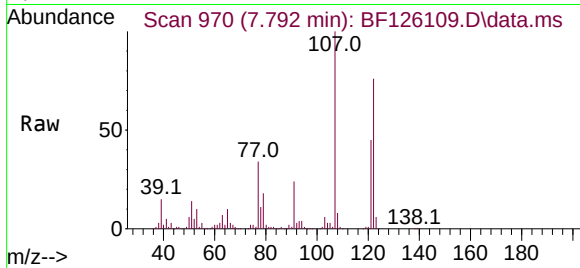
Tgt Ion:122 Resp: 416850

Ion Ratio Lower Upper

122 100

107 131.6 85.0 127.6#

121 58.9 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 44.306 ng

RT: 7.886 min Scan# 986

Delta R.T. -0.001 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

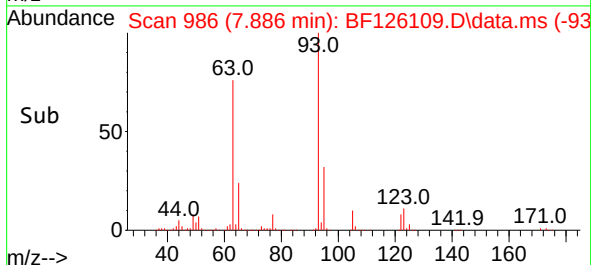
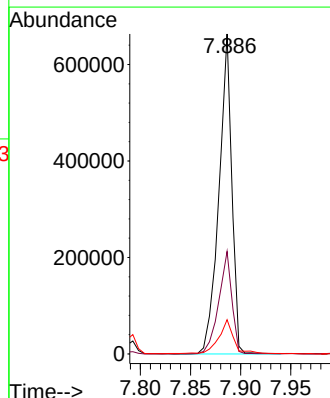
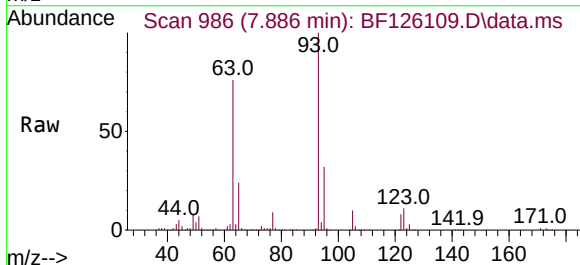
Tgt Ion: 93 Resp: 593017

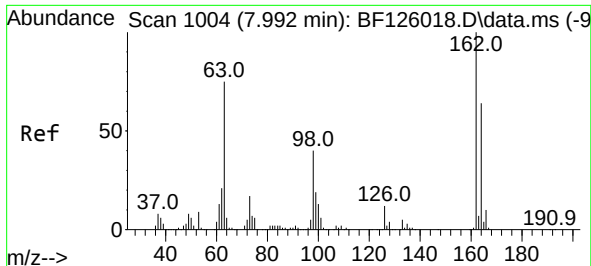
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 10.7 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 45.567 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

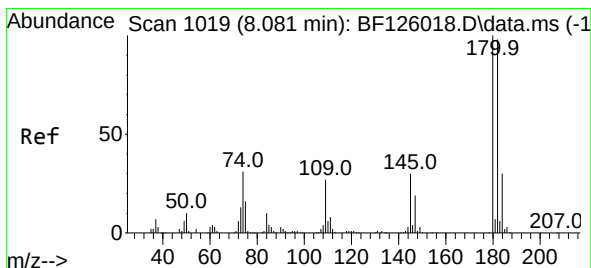
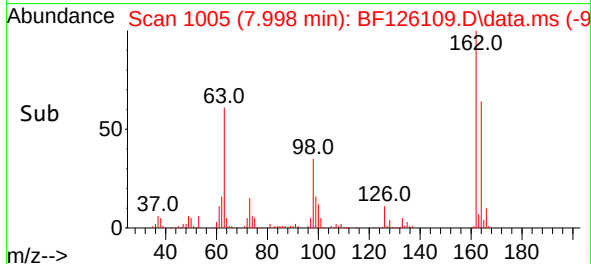
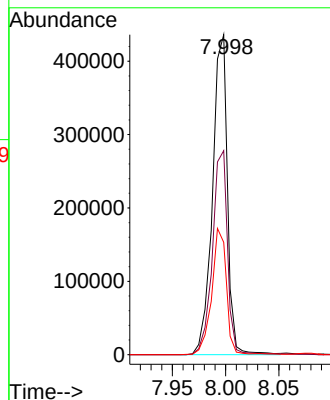
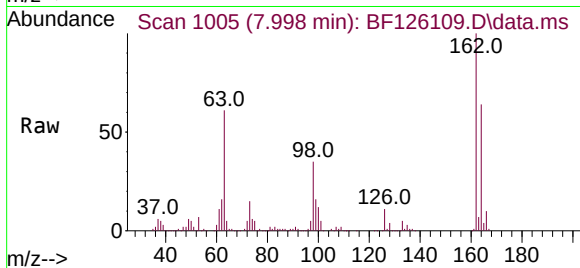
Tgt Ion:162 Resp: 425646

Ion Ratio Lower Upper

162 100

164 63.8 44.5 84.5

98 35.1 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 44.974 ng

RT: 8.081 min Scan# 1019

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

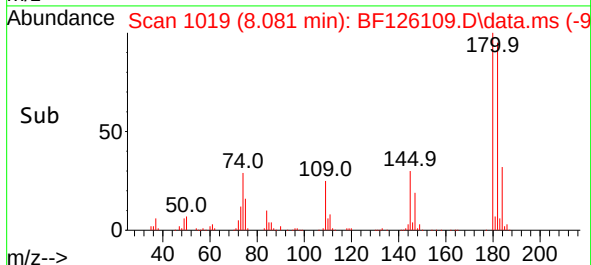
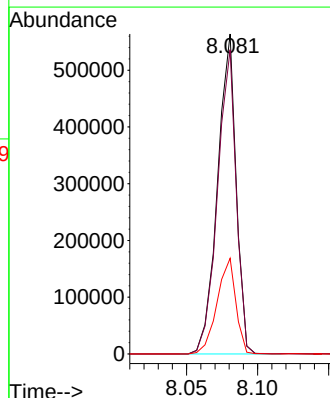
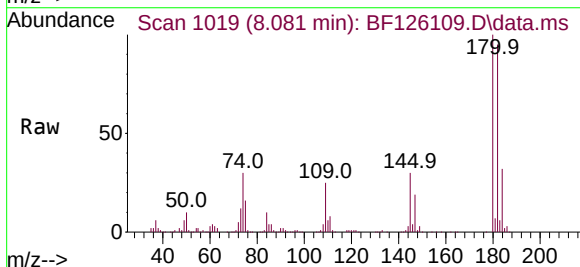
Tgt Ion:180 Resp: 512241

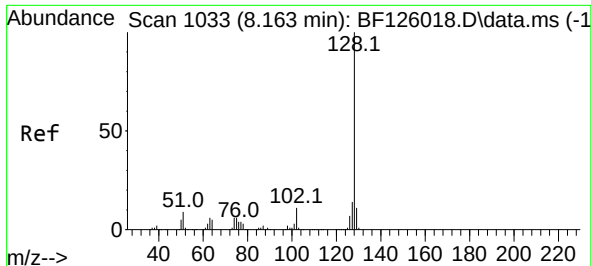
Ion Ratio Lower Upper

180 100

182 95.1 76.8 115.2

145 29.9 26.7 40.1

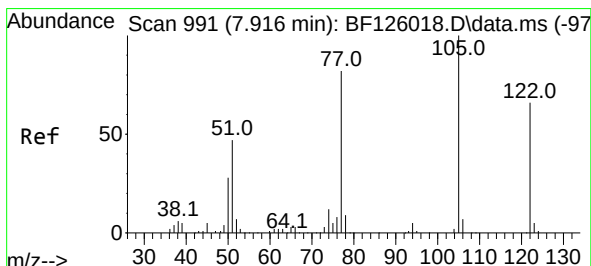
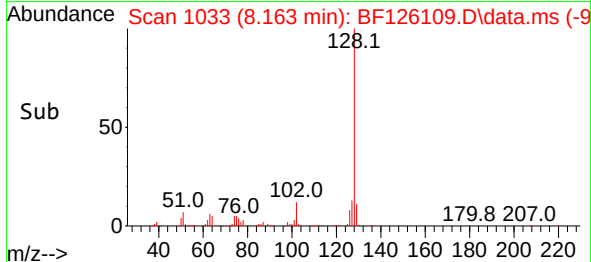
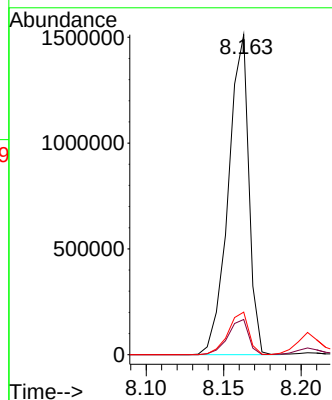
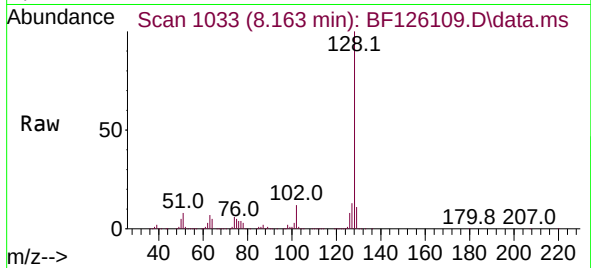




#31
Naphthalene
Concen: 45.141 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

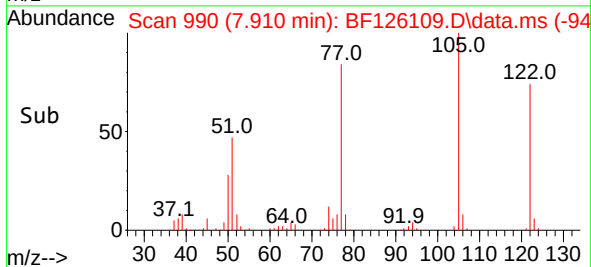
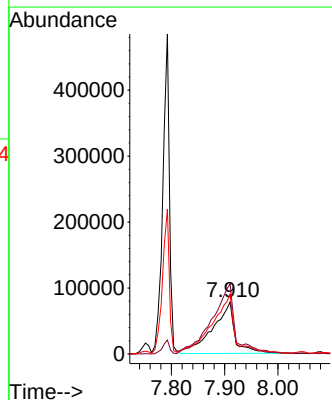
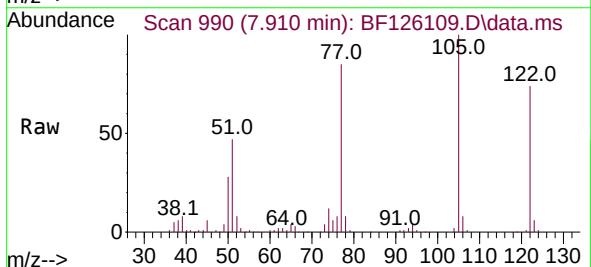
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

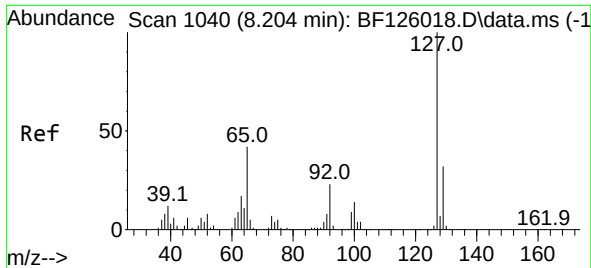
Tgt Ion:128 Resp: 1390105
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 13.3 10.9 16.3



#32
Benzoic acid
Concen: 44.962 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:122 Resp: 227134
Ion Ratio Lower Upper
122 100
105 135.1 97.6 137.6
77 115.3 59.6 99.6#

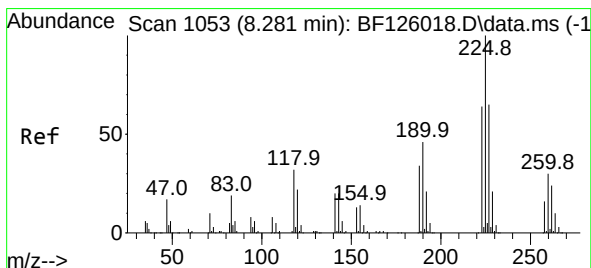
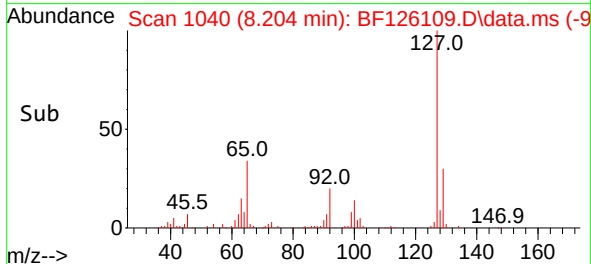
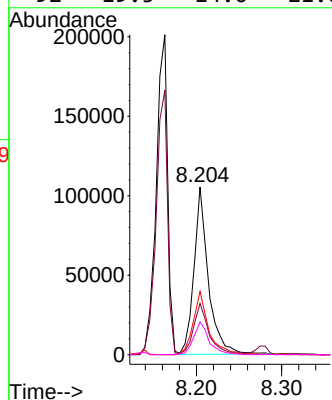
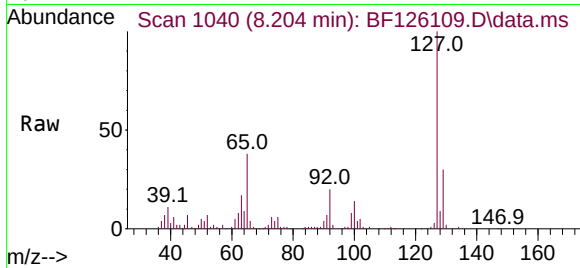




#33
4-Chloroaniline
Concen: 10.030 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

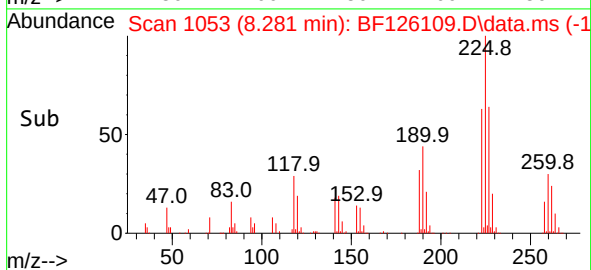
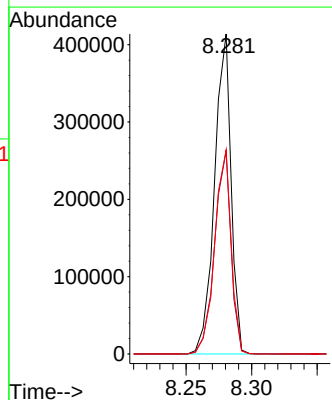
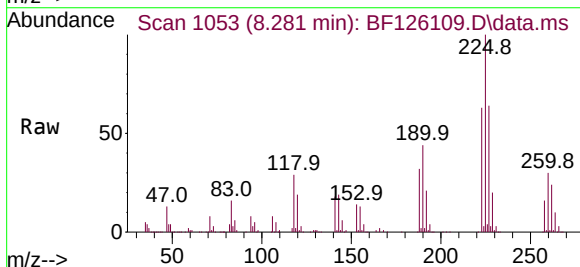
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

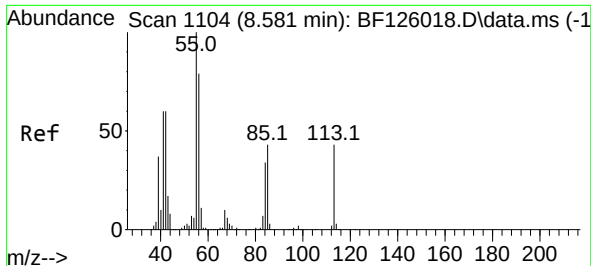
Tgt Ion:	127	Resp:	123443
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.7	38.5
65	37.7	21.2	31.8
92	19.5	14.0	21.0



#34
Hexachlorobutadiene
Concen: 46.219 ng
RT: 8.281 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:	225	Resp:	362377
Ion	Ratio	Lower	Upper
225	100		
223	63.4	50.6	76.0
227	63.8	50.6	75.8

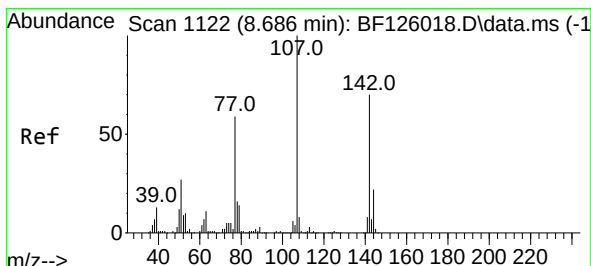
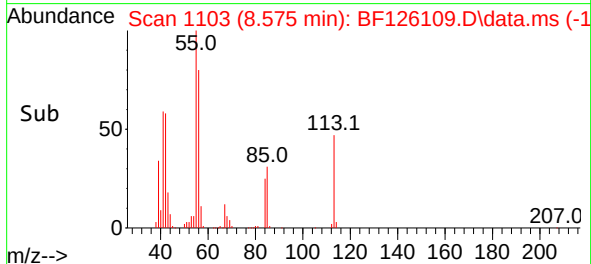
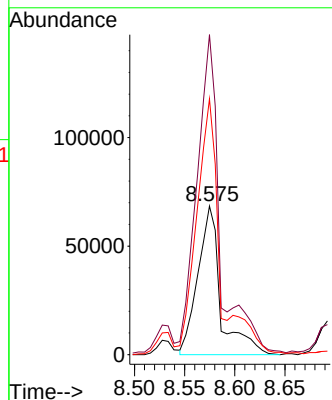
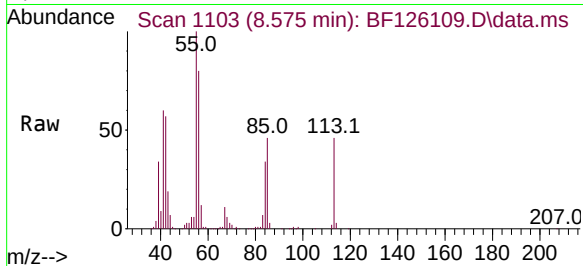




#35
Caprolactam
Concen: 41.785 ng
RT: 8.575 min Scan# 1103
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

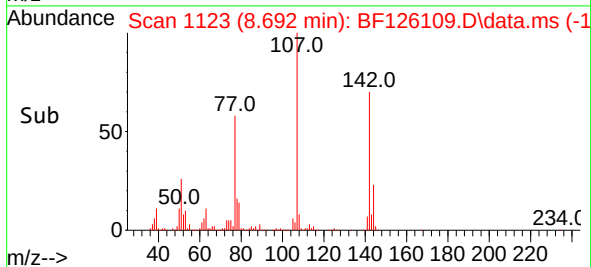
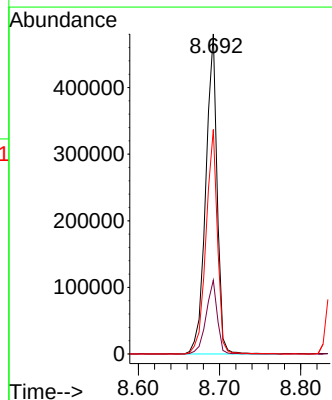
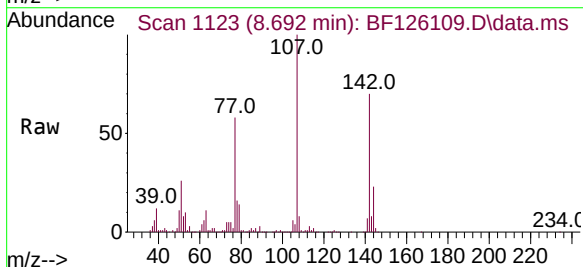
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

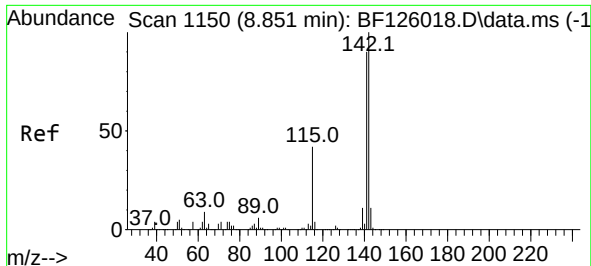
Tgt Ion:113 Resp: 108691
Ion Ratio Lower Upper
113 100
55 215.2 154.1 194.1#
56 172.1 108.7 148.7#



#36
4-Chloro-3-methylphenol
Concen: 43.488 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:107 Resp: 468442
Ion Ratio Lower Upper
107 100
144 23.0 21.9 32.9
142 70.1 67.1 100.7

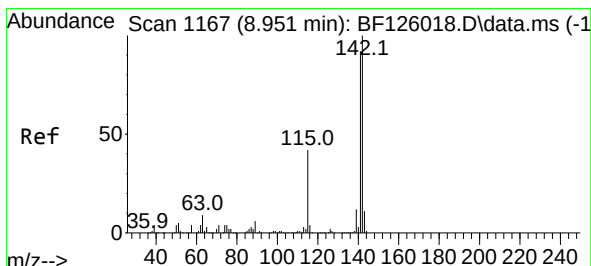
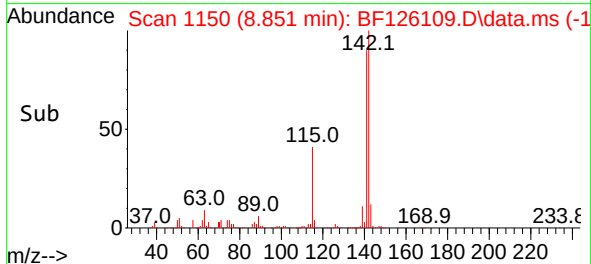
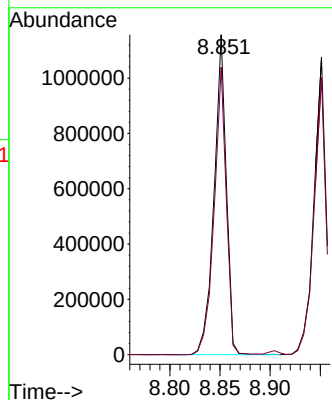
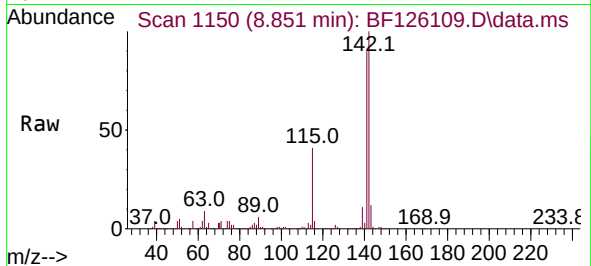




#37
2-Methylnaphthalene
Concen: 45.998 ng
RT: 8.851 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

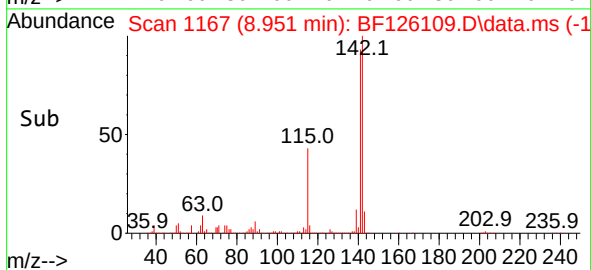
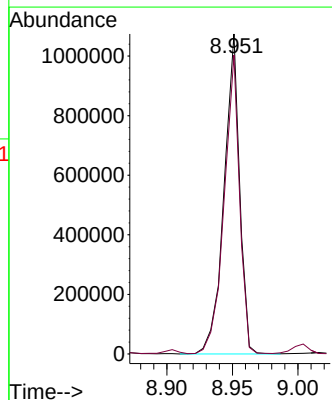
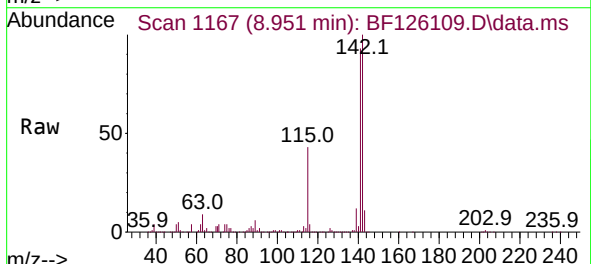
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

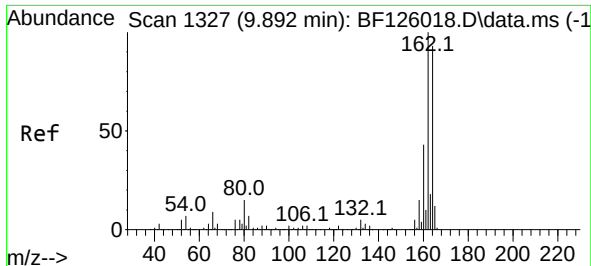
Tgt Ion:142 Resp: 978313
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 42.973 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:142 Resp: 885306
Ion Ratio Lower Upper
142 100
141 93.4 76.0 114.0

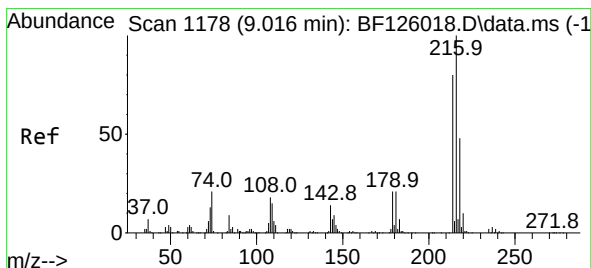
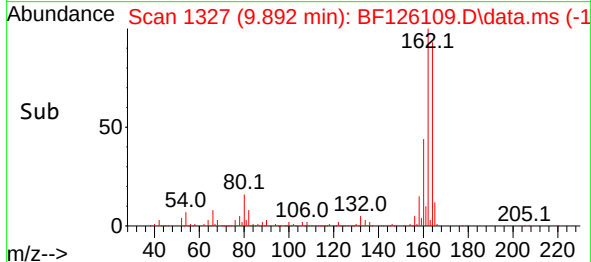
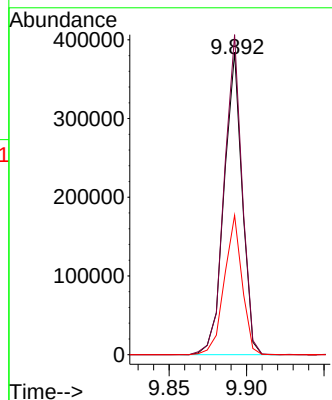
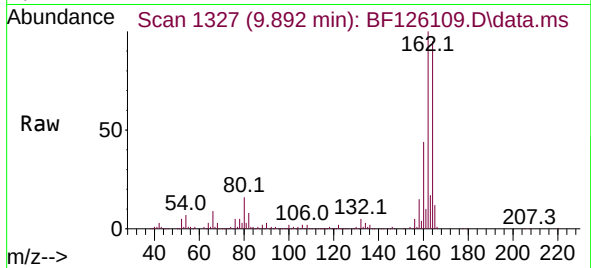




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1178
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

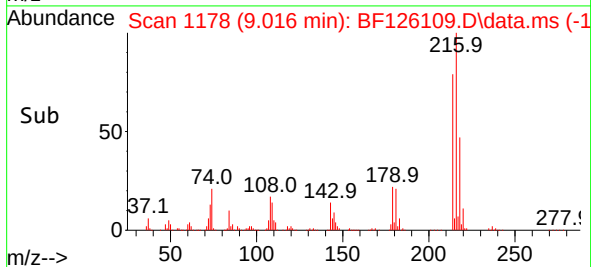
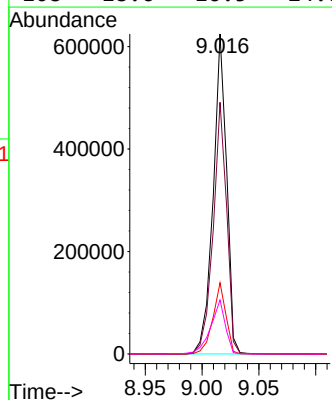
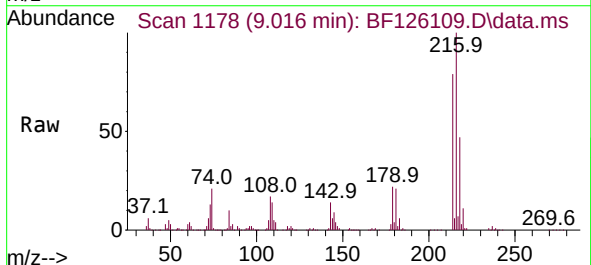
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

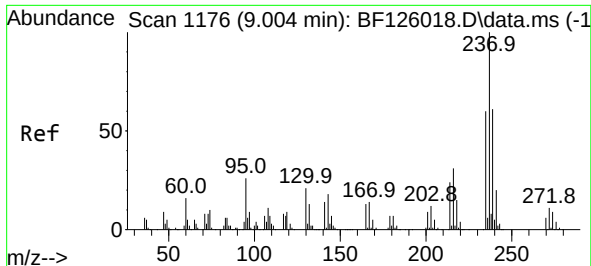
Tgt Ion:164 Resp: 310941
Ion Ratio Lower Upper
164 100
162 105.8 81.3 121.9
160 46.1 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.218 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:216 Resp: 512875
Ion Ratio Lower Upper
216 100
214 78.8 64.9 97.3
179 21.7 17.4 26.2
108 18.6 16.5 24.7

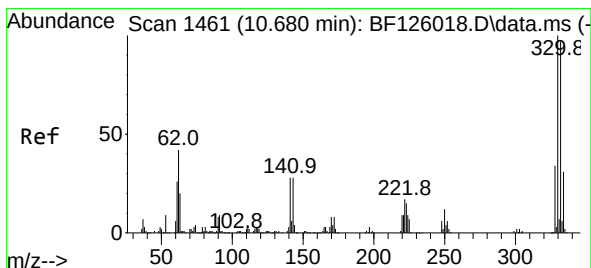
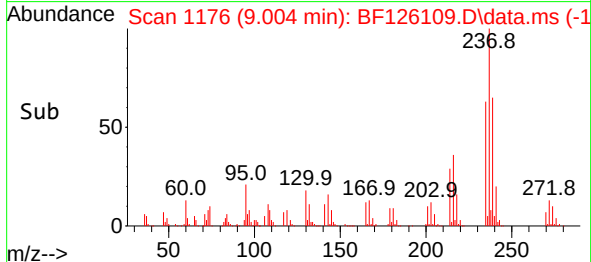
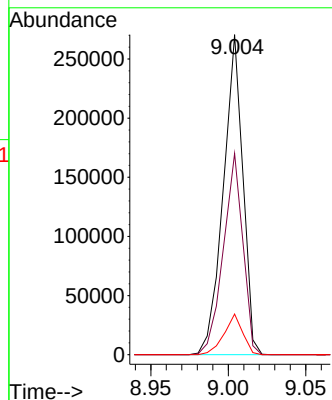
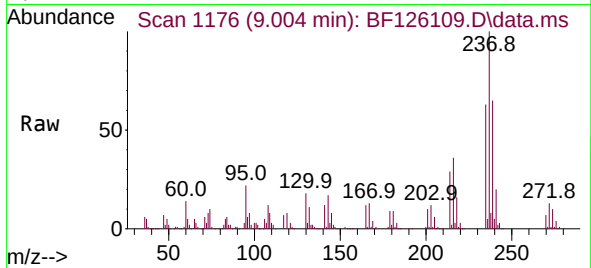




#41
Hexachlorocyclopentadiene
Concen: 43.848 ng
RT: 9.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

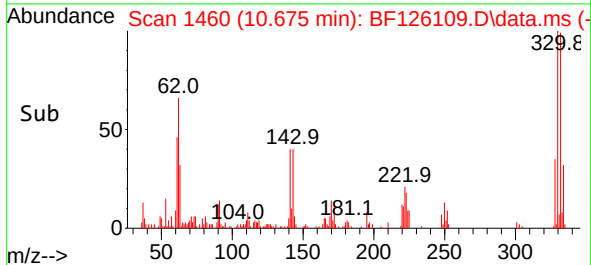
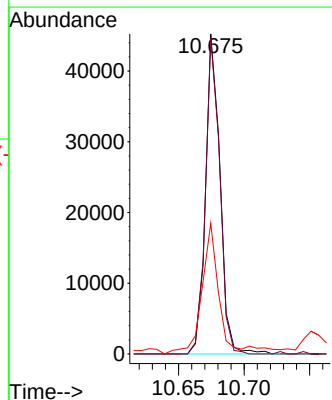
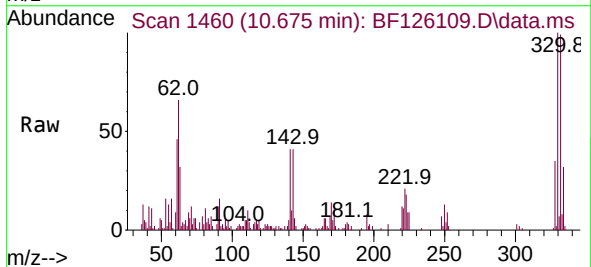
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

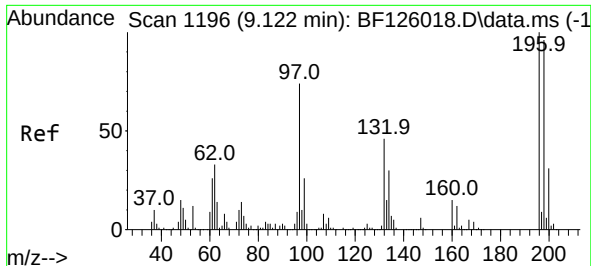
Tgt Ion:237 Resp: 237407
Ion Ratio Lower Upper
237 100
235 62.9 44.7 84.7
272 12.7 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 9.783 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:330 Resp: 34861
Ion Ratio Lower Upper
330 100
332 97.4 76.2 114.4
141 46.1 44.6 66.8





#43

2,4,6-Trichlorophenol

Concen: 49.537 ng

RT: 9.128 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

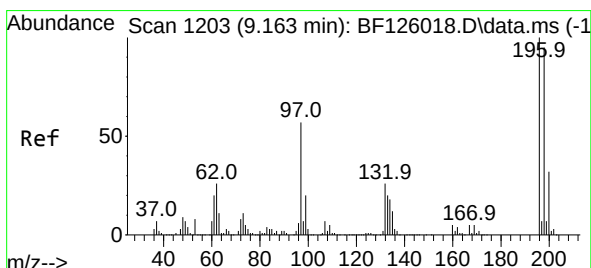
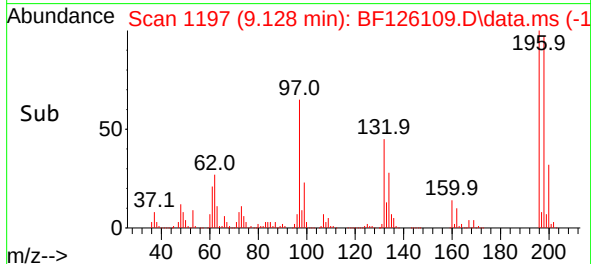
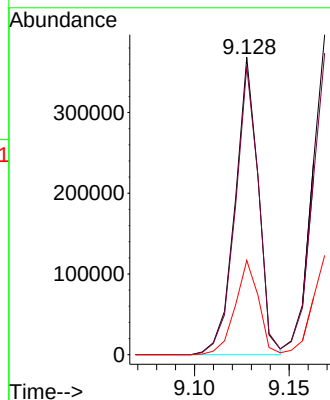
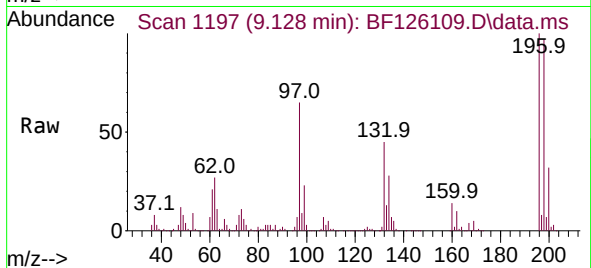
Tgt Ion:196 Resp: 312589

Ion Ratio Lower Upper

196 100

198 96.9 74.9 112.3

200 31.7 27.0 40.4



#44

2,4,5-Trichlorophenol

Concen: 48.300 ng

RT: 9.169 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Tgt Ion:196 Resp: 329265

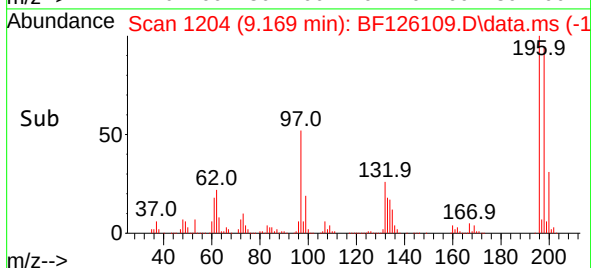
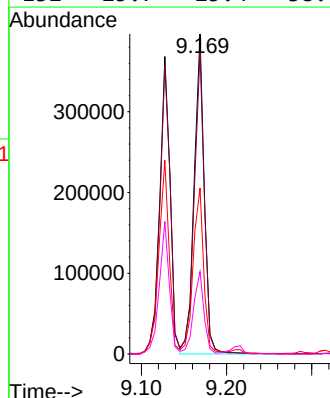
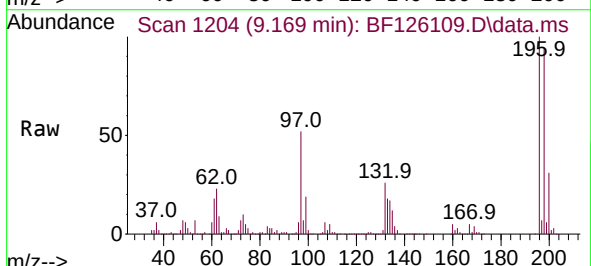
Ion Ratio Lower Upper

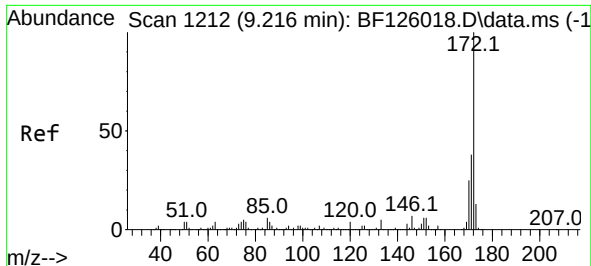
196 100

198 94.3 80.2 120.2

97 51.8 44.0 66.0

132 25.7 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 80.647 ng

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

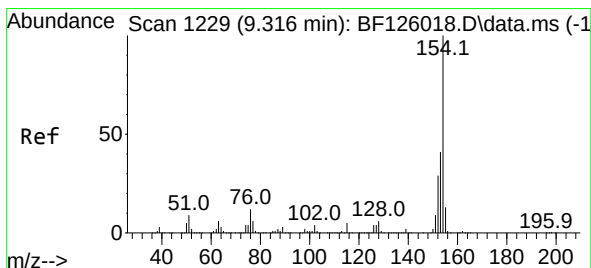
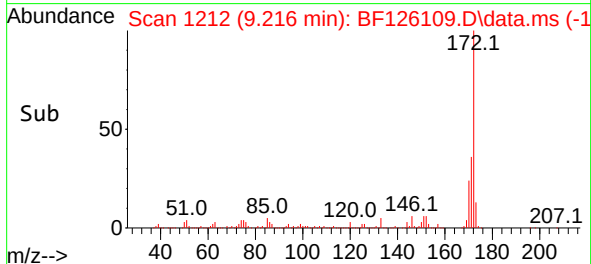
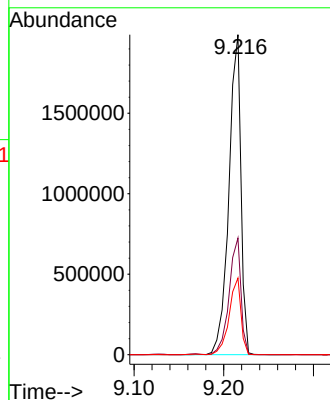
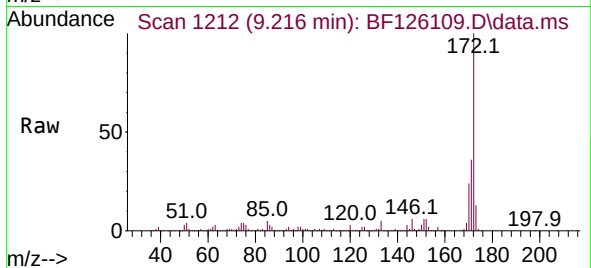
Tgt Ion:172 Resp: 1855648

Ion Ratio Lower Upper

172 100

171 36.4 26.5 39.7

170 24.0 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.055 ng

RT: 9.316 min Scan# 1229

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

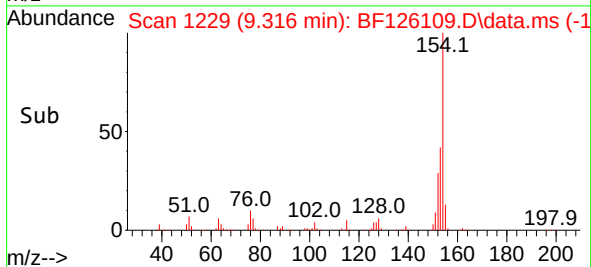
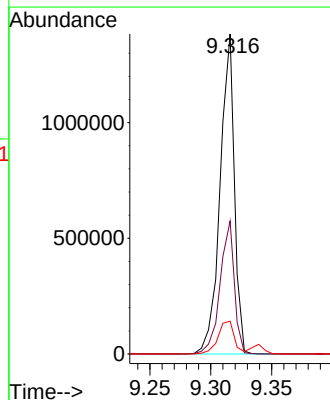
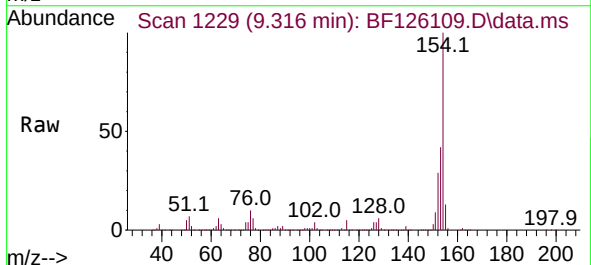
Tgt Ion:154 Resp: 1130916

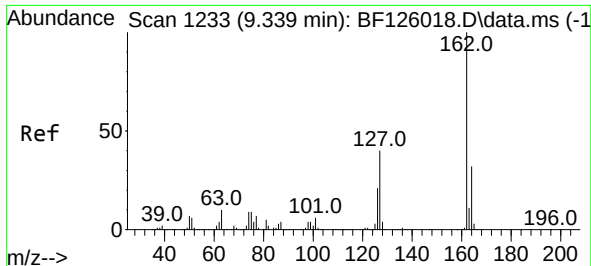
Ion Ratio Lower Upper

154 100

153 41.6 20.0 60.0

76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 46.906 ng

RT: 9.339 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

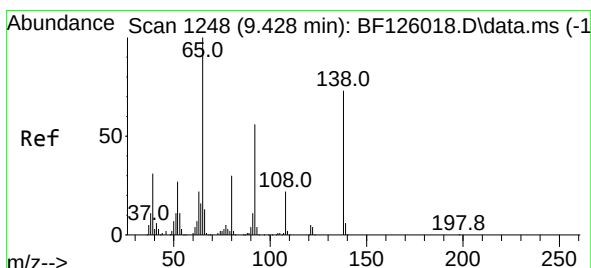
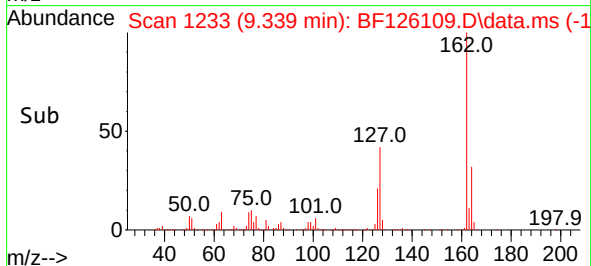
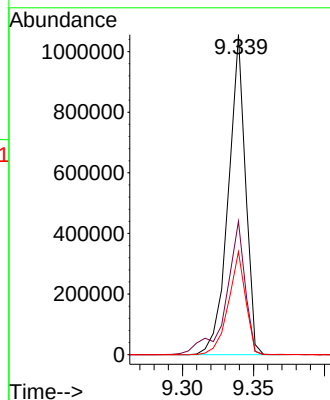
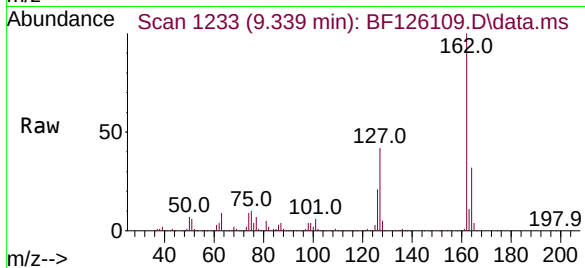
Tgt Ion:162 Resp: 887325

Ion Ratio Lower Upper

162 100

127 41.7 33.0 49.4

164 32.2 25.8 38.8



#48

2-Nitroaniline

Concen: 49.482 ng

RT: 9.433 min Scan# 1249

Delta R.T. 0.005 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

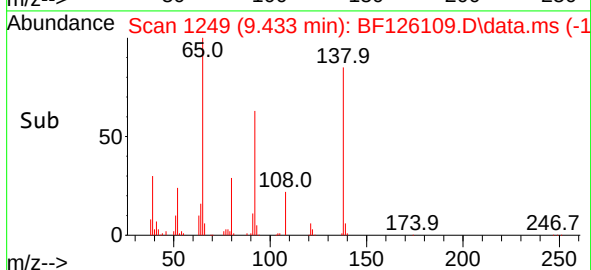
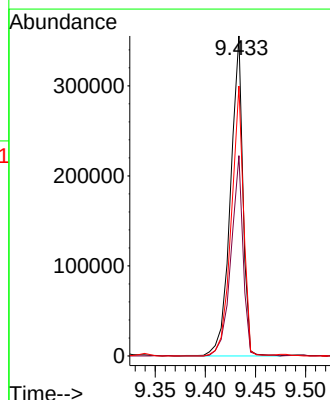
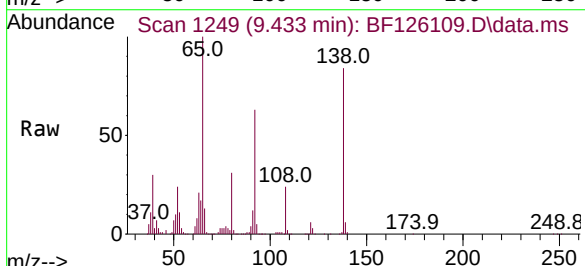
Tgt Ion: 65 Resp: 306742

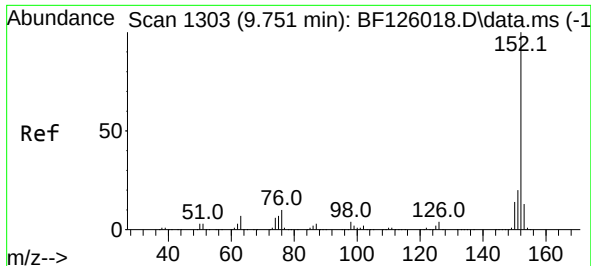
Ion Ratio Lower Upper

65 100

92 62.6 55.5 83.3

138 84.3 93.5 140.3#





#49

Acenaphthylene

Concen: 45.379 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

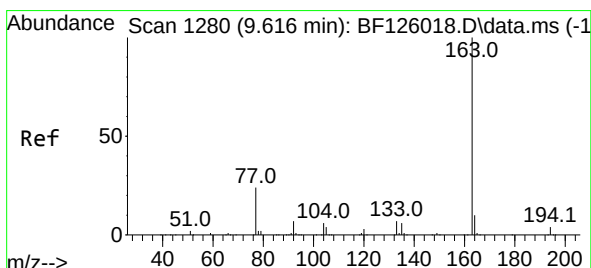
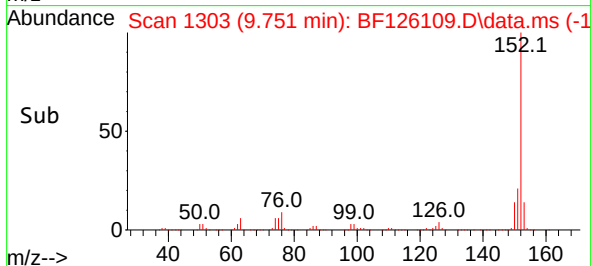
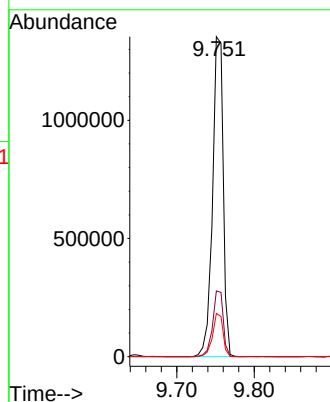
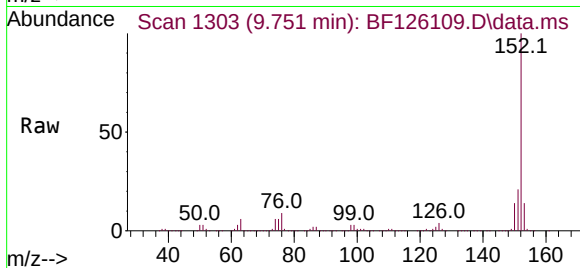
Tgt Ion:152 Resp: 1298212

Ion Ratio Lower Upper

152 100

151 20.5 15.7 23.5

153 13.5 9.8 14.8



#50

Dimethylphthalate

Concen: 49.056 ng

RT: 9.616 min Scan# 1280

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

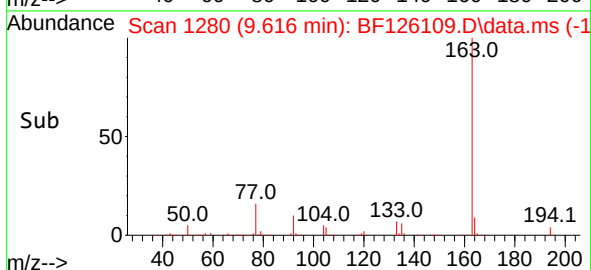
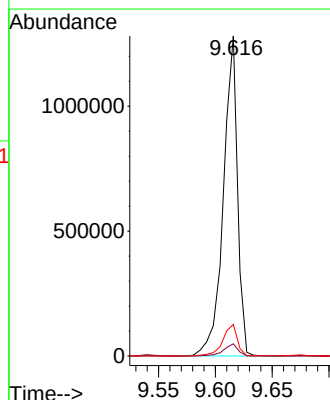
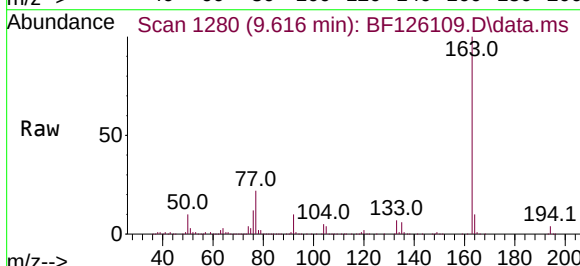
Tgt Ion:163 Resp: 1110514

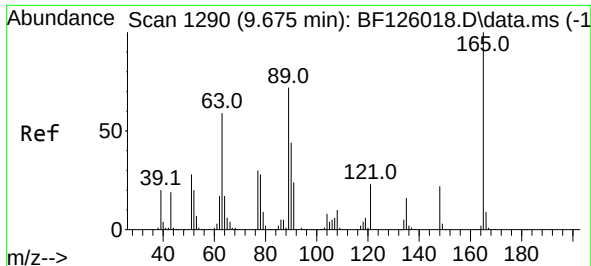
Ion Ratio Lower Upper

163 100

194 3.8 2.6 3.8

164 9.9 7.4 11.0





#51

2,6-Dinitrotoluene

Concen: 55.240 ng

RT: 9.675 min Scan# 1290

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

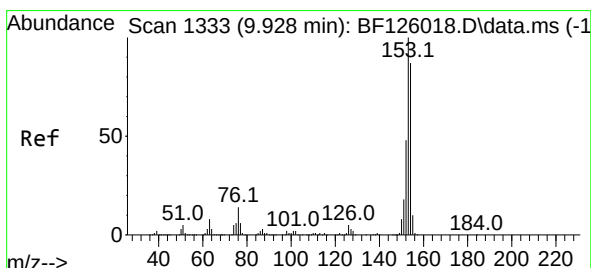
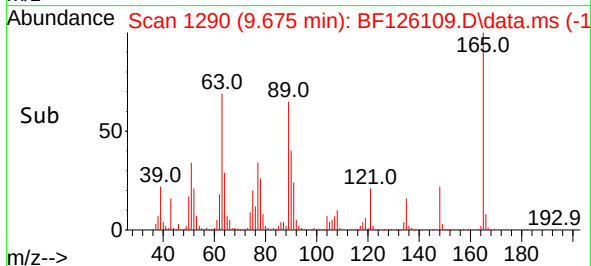
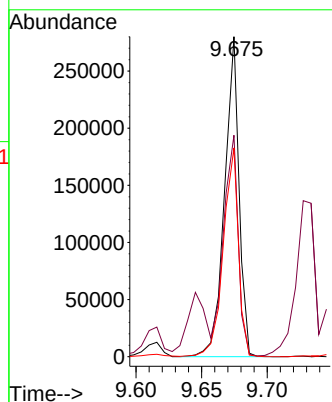
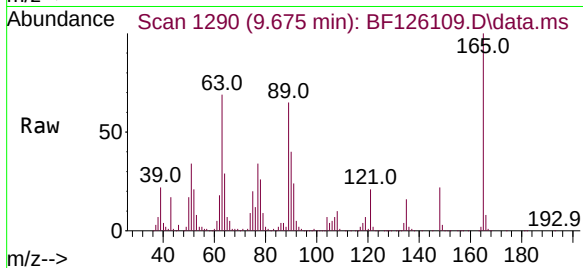
Tgt Ion:165 Resp: 214347

Ion Ratio Lower Upper

165 100

63 69.2 42.6 63.8#

89 65.2 40.6 60.8#



#52

Acenaphthene

Concen: 43.746 ng

RT: 9.928 min Scan# 1333

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

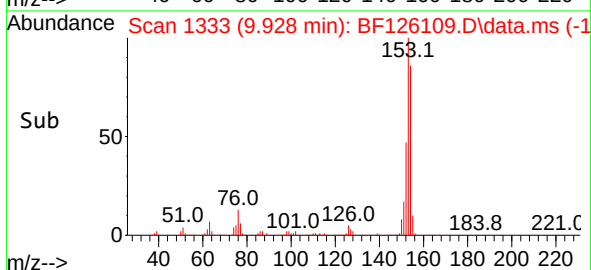
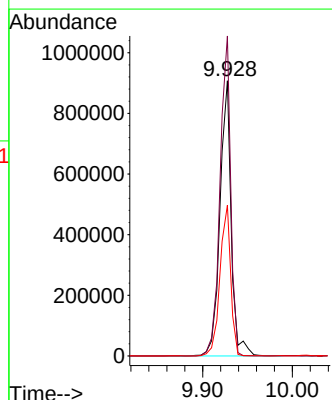
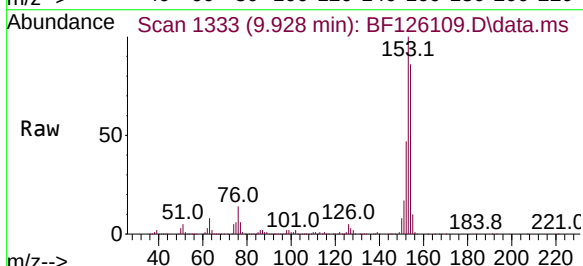
Tgt Ion:154 Resp: 789370

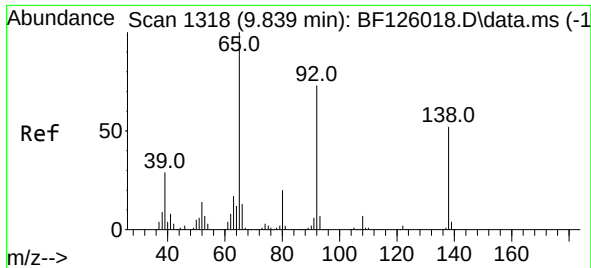
Ion Ratio Lower Upper

154 100

153 116.3 89.4 134.2

152 54.7 40.5 60.7

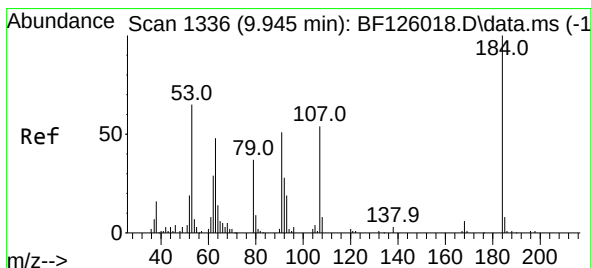
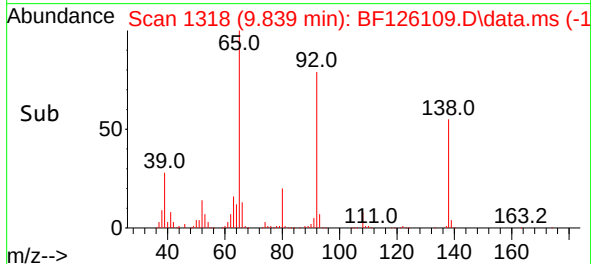
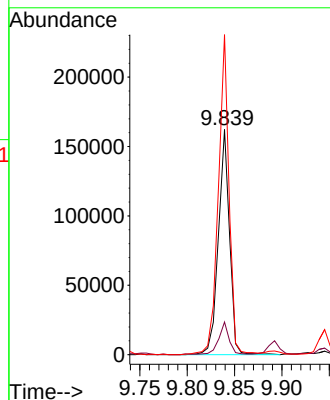
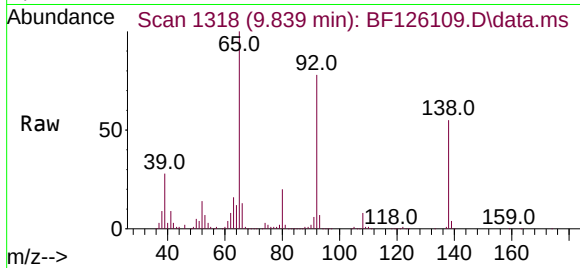




#53
3-Nitroaniline
Concen: 33.620 ng
RT: 9.839 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

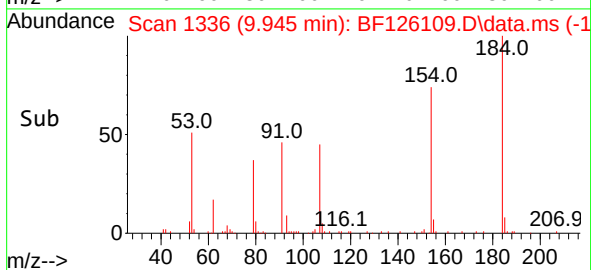
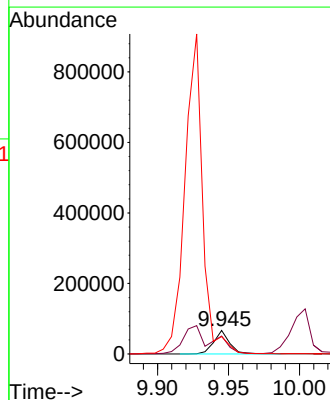
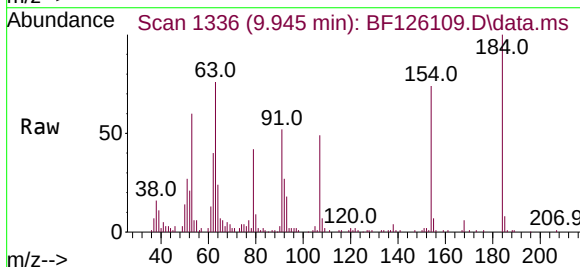
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

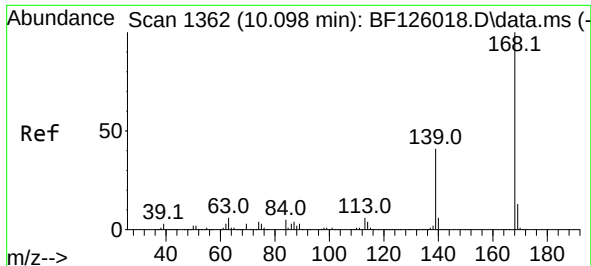
Tgt Ion:138 Resp: 133736
Ion Ratio Lower Upper
138 100
108 14.5 9.3 13.9#
92 142.1 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 35.910 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:184 Resp: 51687
Ion Ratio Lower Upper
184 100
63 76.2 59.3 88.9
154 74.1 68.6 102.8

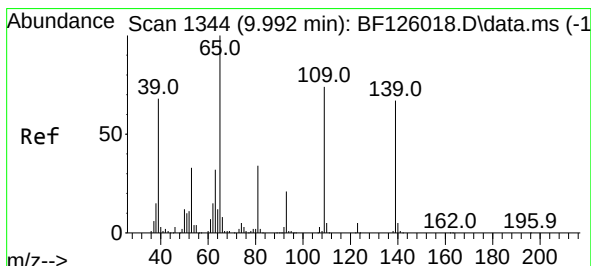
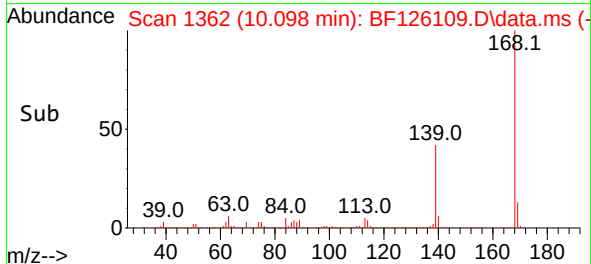
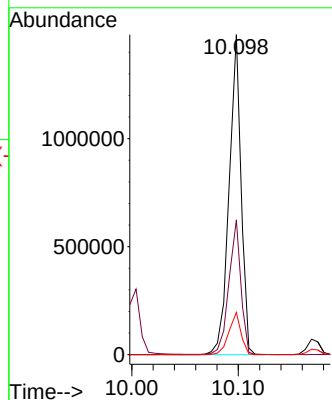
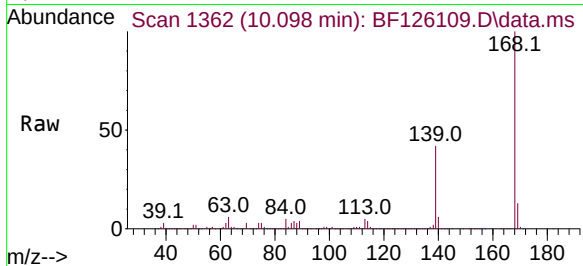




#55
Dibenzenofuran
Concen: 42.623 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

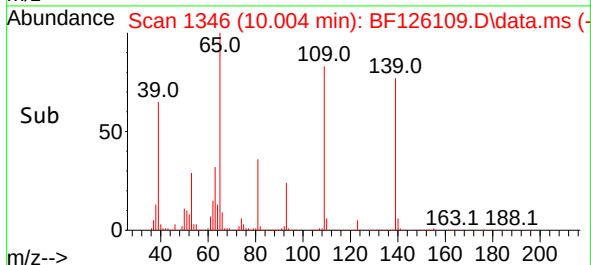
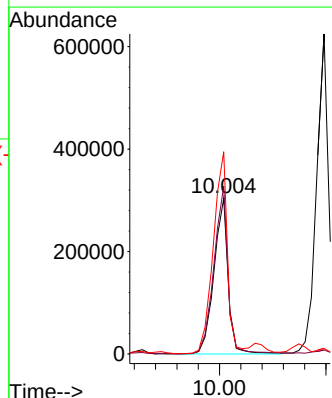
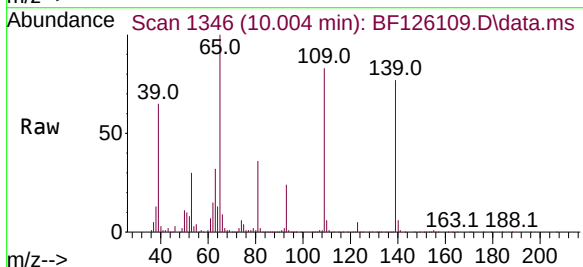
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

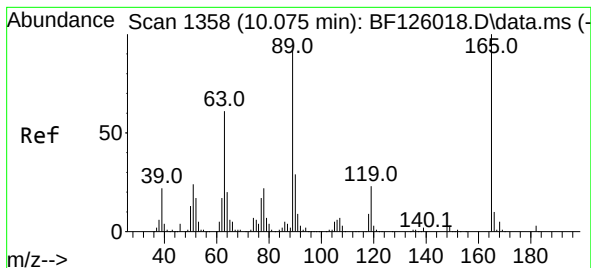
Tgt Ion:168 Resp: 1157792
Ion Ratio Lower Upper
168 100
139 42.2 32.7 49.1
169 13.2 11.2 16.8



#56
4-Nitrophenol
Concen: 89.607 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.012 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:139 Resp: 281314
Ion Ratio Lower Upper
139 100
109 107.8 60.4 100.4#
65 129.9 58.4 98.4#

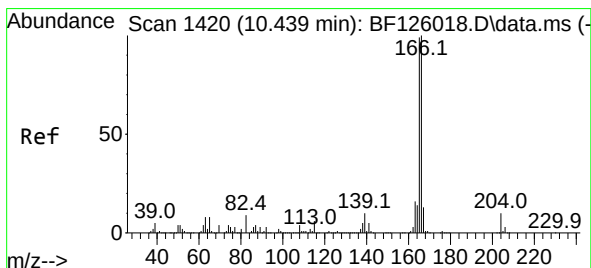
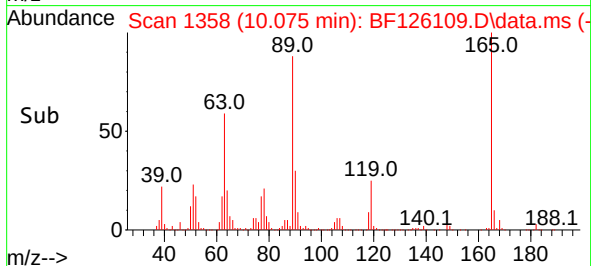
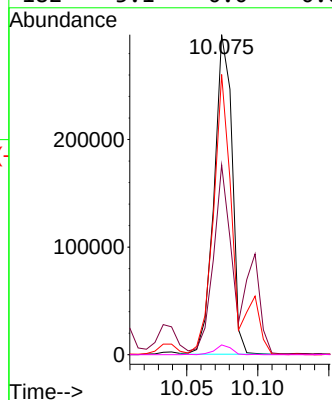
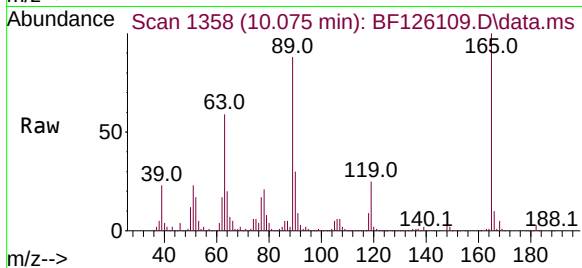




#57
2,4-Dinitrotoluene
Concen: 46.904 ng
RT: 10.075 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

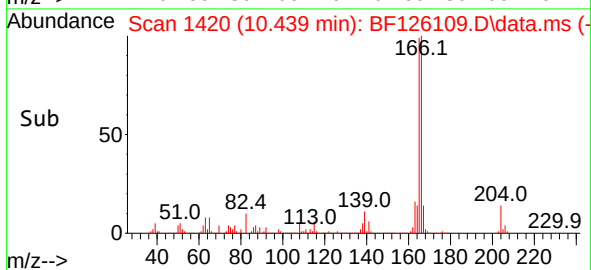
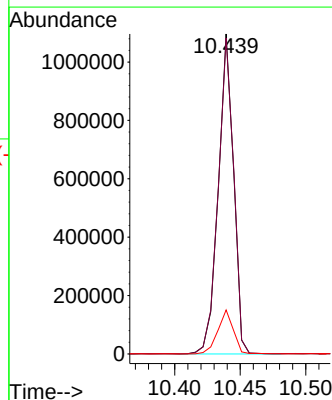
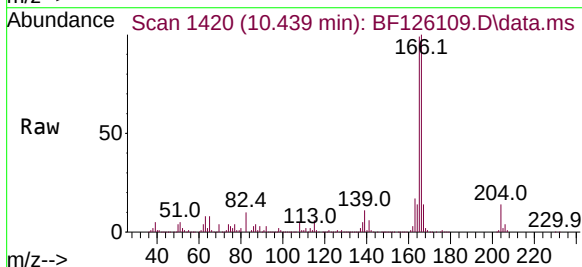
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

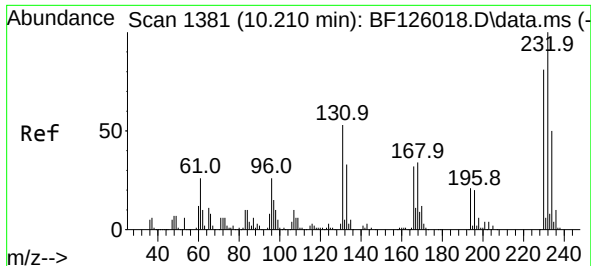
Tgt Ion:165 Resp: 261743
Ion Ratio Lower Upper
165 100
63 59.3 40.9 61.3
89 87.6 59.7 89.5
182 3.1 0.0 0.0#



#58
Fluorene
Concen: 40.600 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:166 Resp: 885378
Ion Ratio Lower Upper
166 100
165 98.7 78.1 117.1
167 13.7 11.1 16.7

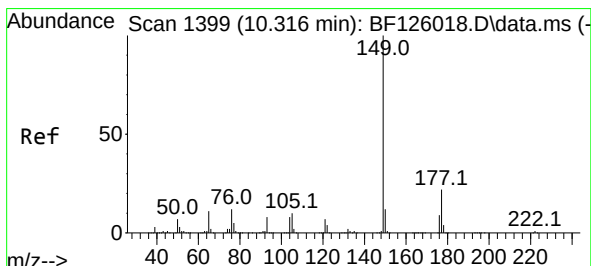
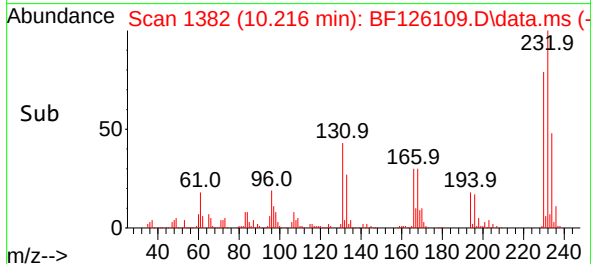
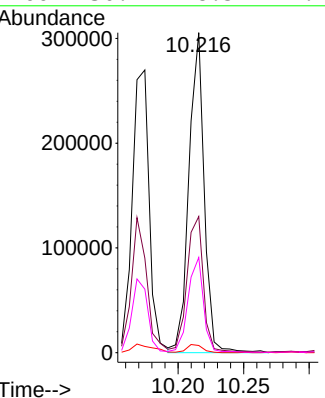
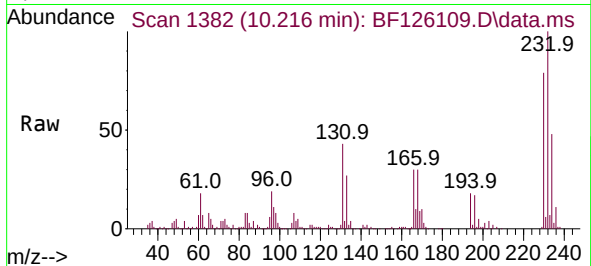




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.995 ng
RT: 10.216 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

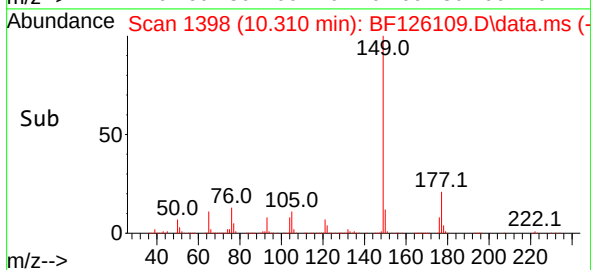
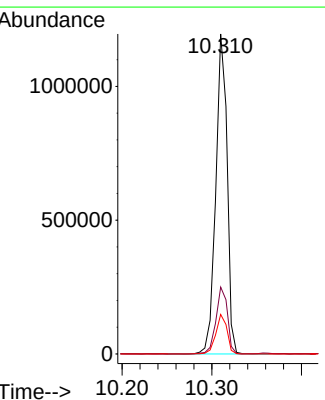
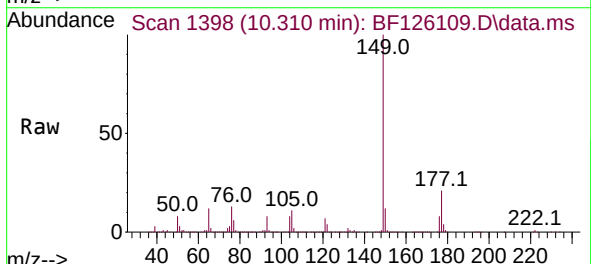
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

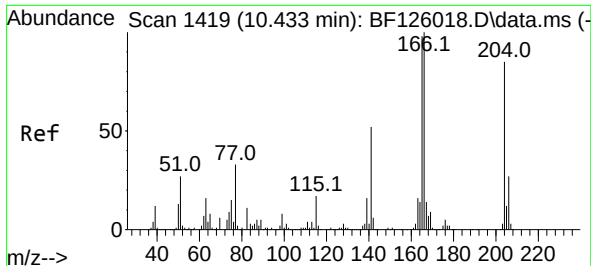
Tgt Ion:232 Resp: 248197
Ion Ratio Lower Upper
232 100
131 45.5 45.4 68.0
130 2.7 0.0 0.0#
166 30.1 28.5 42.7



#60
Diethylphthalate
Concen: 46.142 ng
RT: 10.310 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:149 Resp: 1047514
Ion Ratio Lower Upper
149 100
177 20.9 16.5 24.7
150 12.3 10.1 15.1

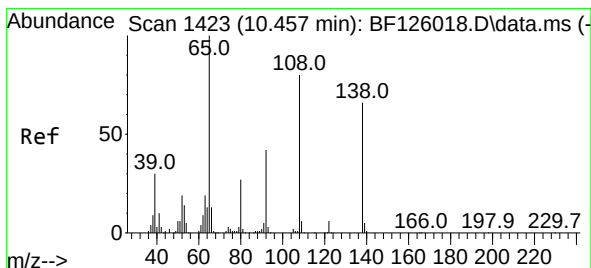
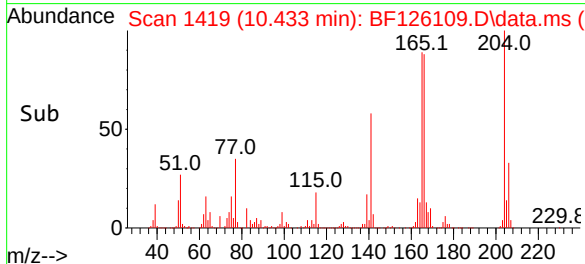
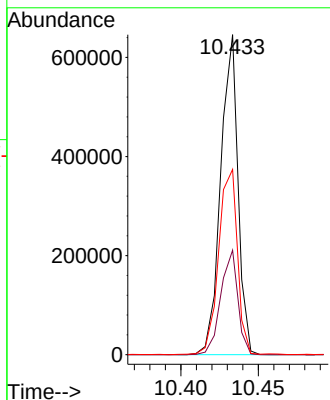
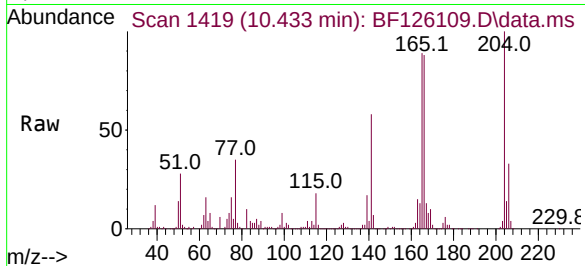




#61
4-Chlorophenyl-phenylether
Concen: 43.015 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

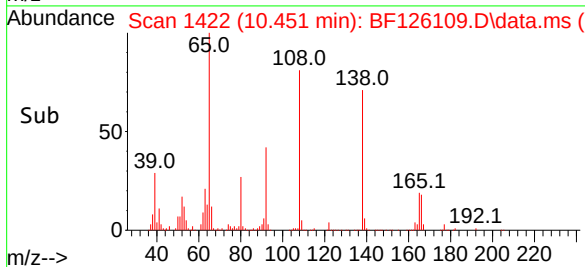
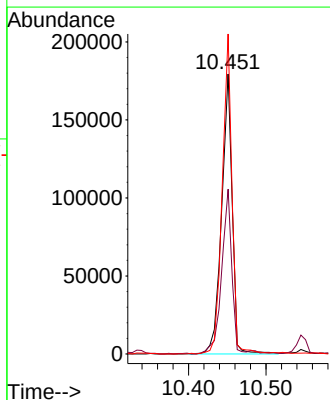
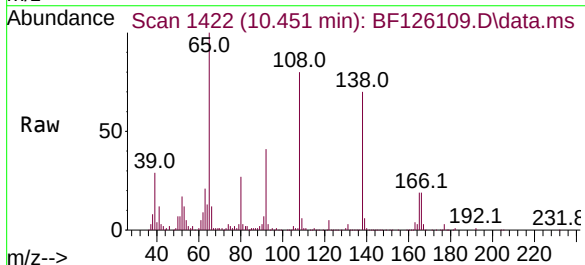
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

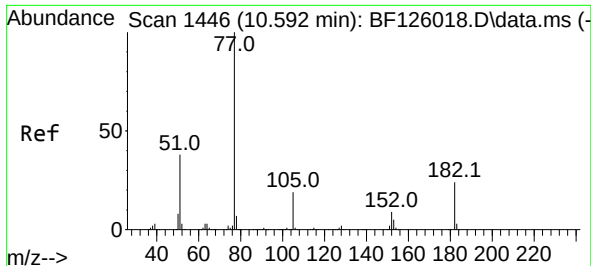
Tgt Ion:204 Resp: 501666
Ion Ratio Lower Upper
204 100
206 32.6 27.6 41.4
141 57.9 58.6 88.0#



#62
4-Nitroaniline
Concen: 41.122 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:138 Resp: 170607
Ion Ratio Lower Upper
138 100
92 58.9 29.6 69.6
108 114.3 78.1 118.1

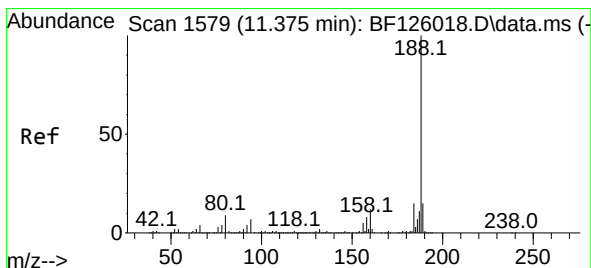
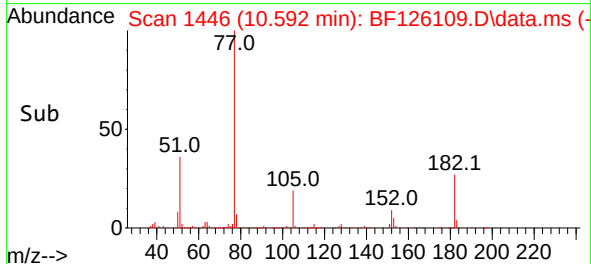
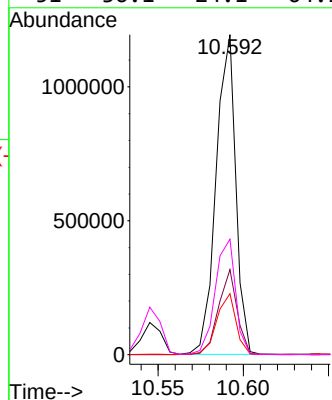
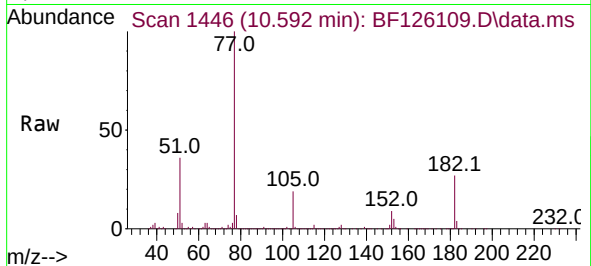




#63
Azobenzene
Concen: 38.929 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

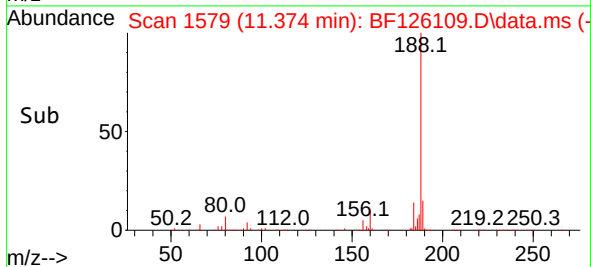
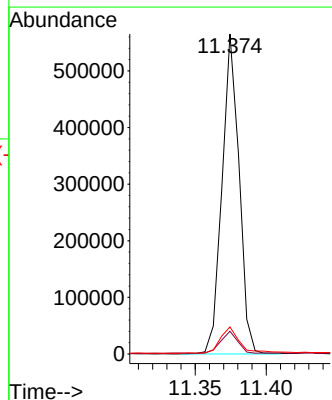
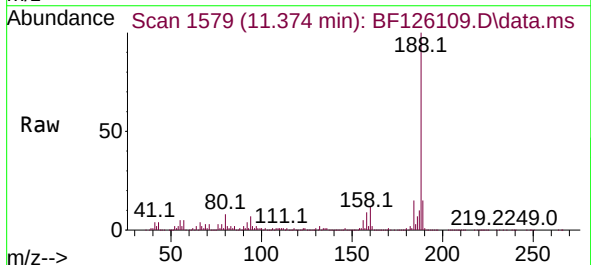
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

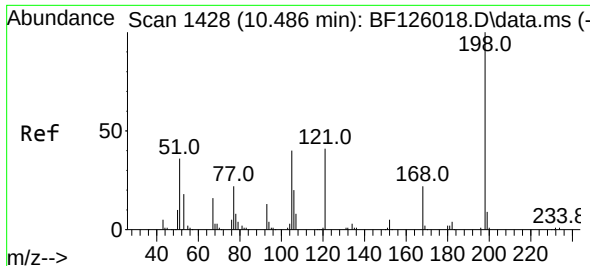
Tgt Ion: 77	Resp: 959616
Ion Ratio	Lower Upper
77 100	
182 26.6	6.3 46.3
105 19.0	2.9 42.9
51 36.1	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.001 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:188	Resp: 470204
Ion Ratio	Lower Upper
188 100	
94 7.1	6.7 10.1
80 8.4	7.5 11.3

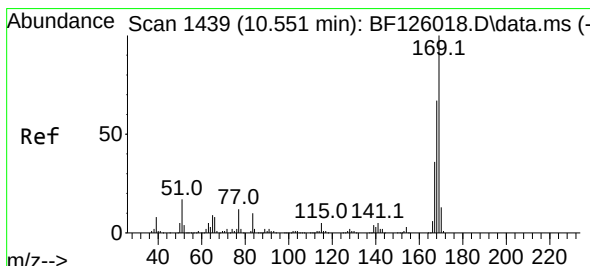
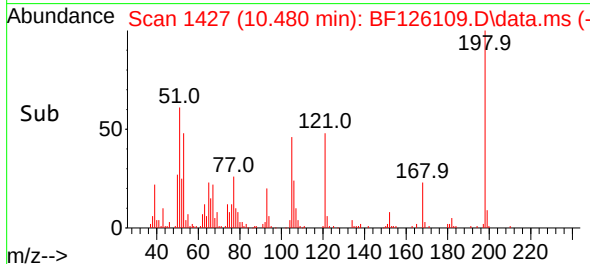
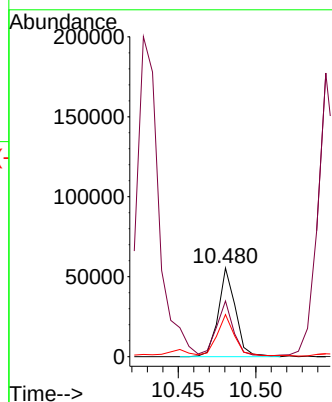
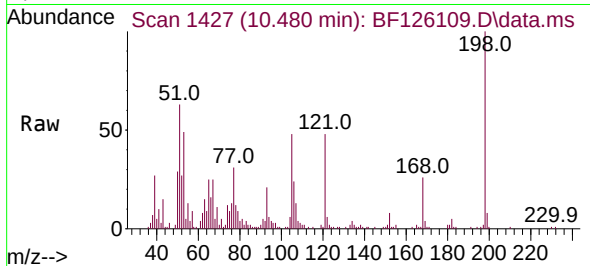




#65
4,6-Dinitro-2-methylphenol
Concen: 23.838 ng
RT: 10.480 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

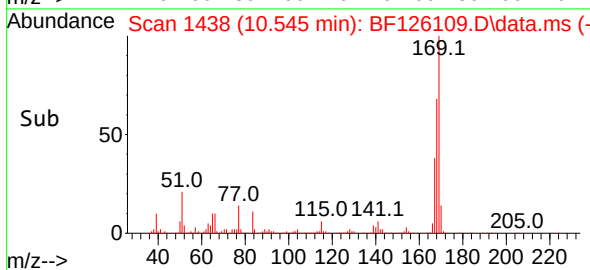
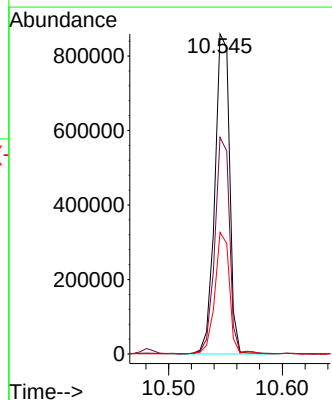
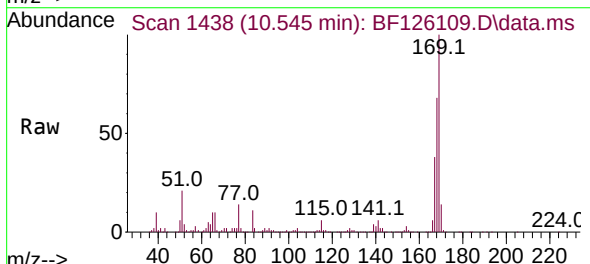
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

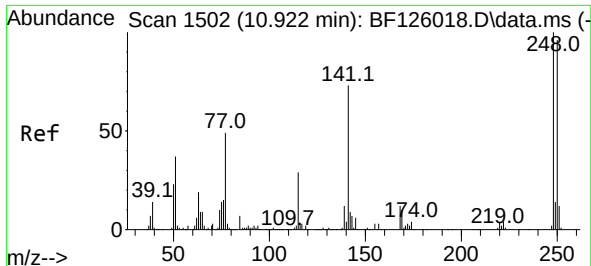
Tgt Ion:198 Resp: 42503
Ion Ratio Lower Upper
198 100
51 62.9 45.3 85.3
105 47.6 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 51.952 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:169 Resp: 777912
Ion Ratio Lower Upper
169 100
168 67.7 50.8 76.2
167 38.0 28.8 43.2





#67

4-Bromophenyl-phenylether

Concen: 50.180 ng

RT: 10.922 min Scan# 1502

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

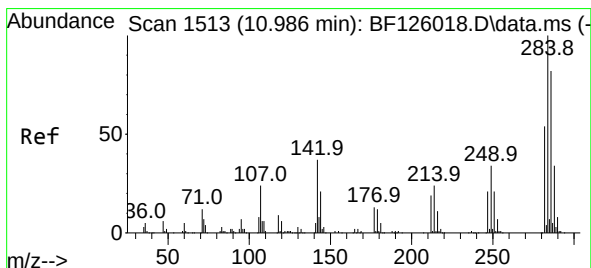
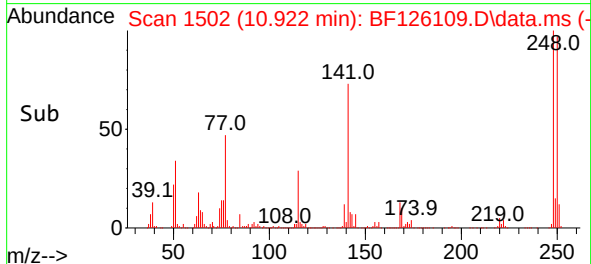
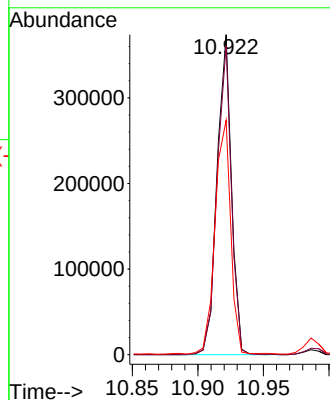
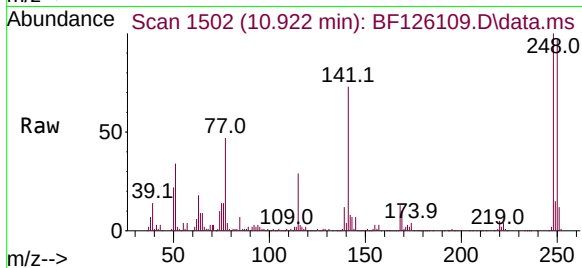
Tgt Ion:248 Resp: 285787

Ion Ratio Lower Upper

248 100

250 96.5 74.2 111.4

141 73.3 60.4 90.6



#68

Hexachlorobenzene

Concen: 49.490 ng

RT: 10.986 min Scan# 1513

Delta R.T. 0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

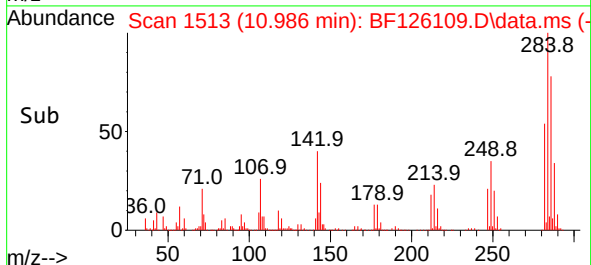
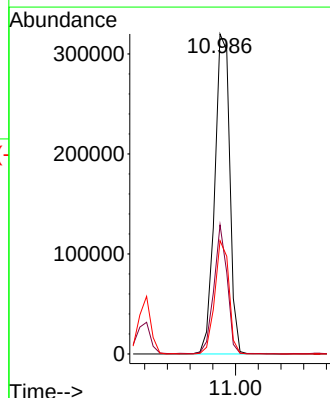
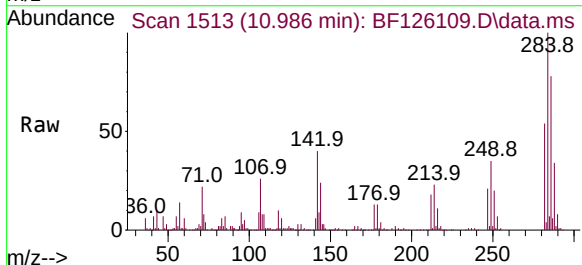
Tgt Ion:284 Resp: 294440

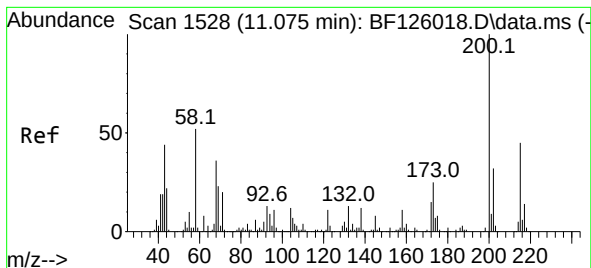
Ion Ratio Lower Upper

284 100

142 40.4 36.4 54.6

249 35.4 25.6 38.4





#69

Atrazine

Concen: 52.535 ng

RT: 11.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

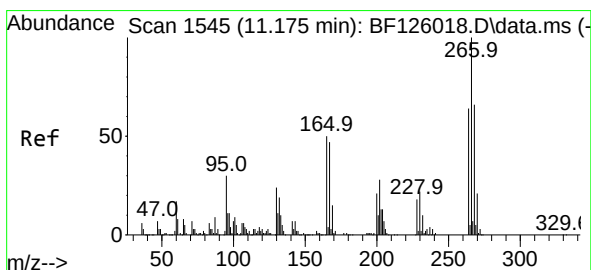
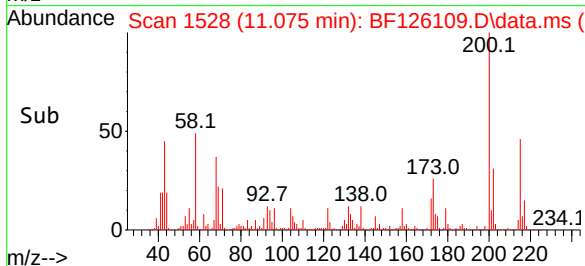
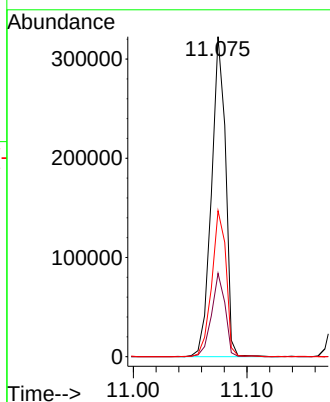
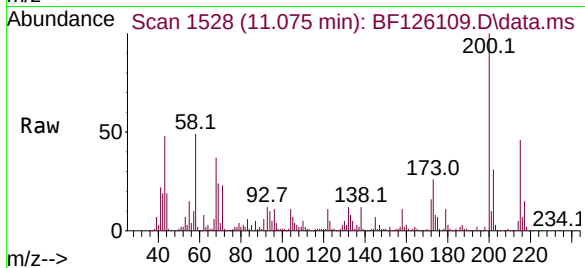
Tgt Ion:200 Resp: 278245

Ion Ratio Lower Upper

200 100

173 26.0 11.1 51.1

215 45.6 22.7 62.7



#70

Pentachlorophenol

Concen: 94.363 ng

RT: 11.180 min Scan# 1546

Delta R.T. 0.005 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

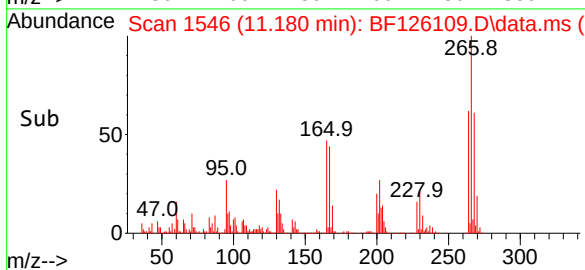
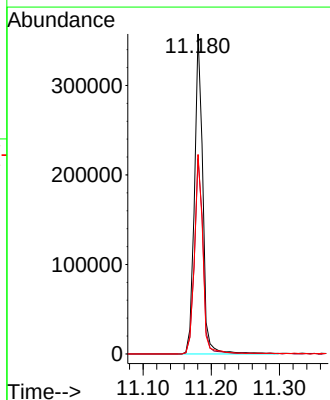
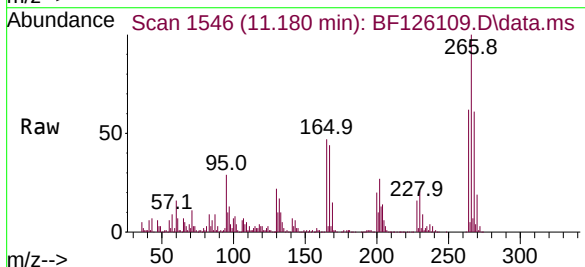
Tgt Ion:266 Resp: 302515

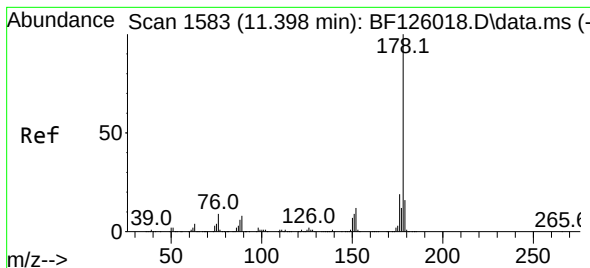
Ion Ratio Lower Upper

266 100

268 61.1 48.9 73.3

264 62.4 55.9 83.9





#71

Phenanthrene

Concen: 46.059 ng

RT: 11.404 min Scan# 1584

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

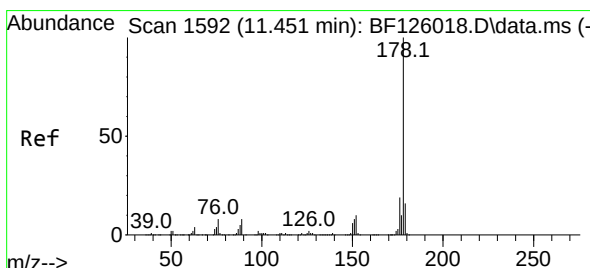
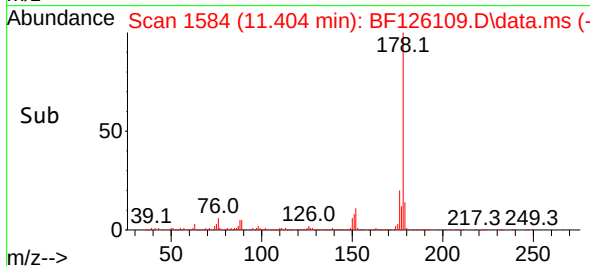
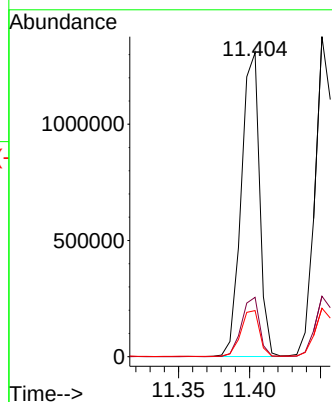
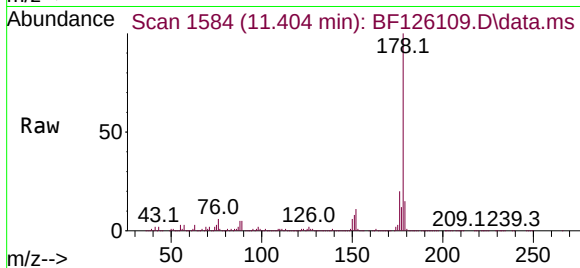
Tgt Ion:178 Resp: 1174463

Ion Ratio Lower Upper

178 100

176 19.5 14.7 22.1

179 15.1 11.5 17.3



#72

Anthracene

Concen: 46.527 ng

RT: 11.451 min Scan# 1592

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

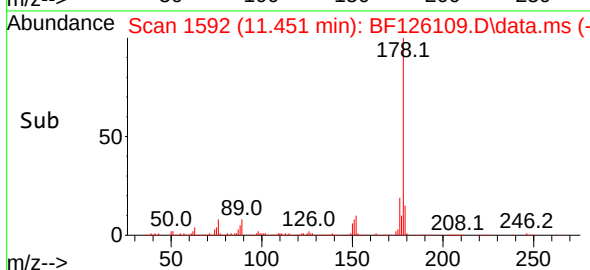
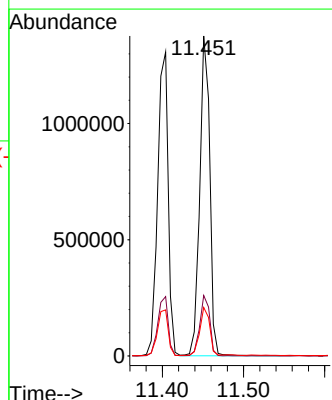
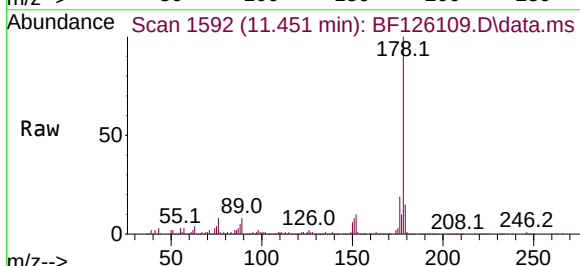
Tgt Ion:178 Resp: 1184487

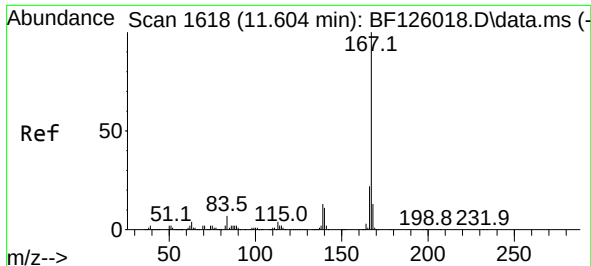
Ion Ratio Lower Upper

178 100

176 18.9 14.3 21.5

179 15.2 12.2 18.4

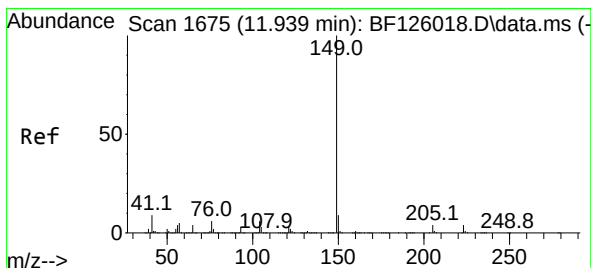
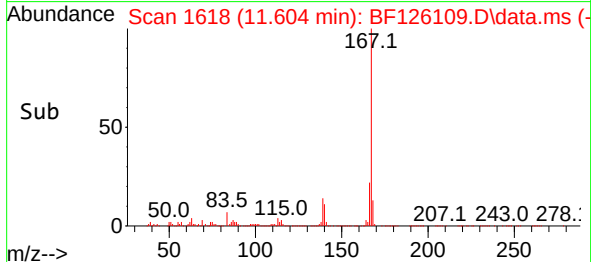
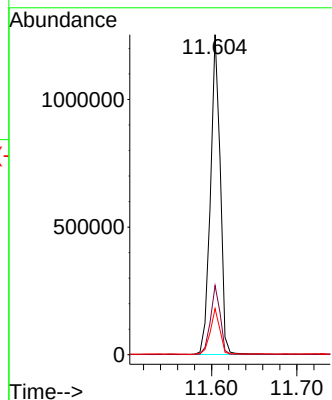
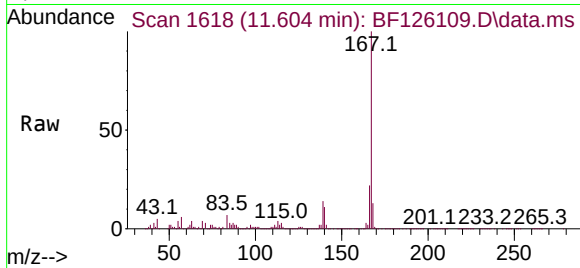




#73
 Carbazole
 Concen: 42.158 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

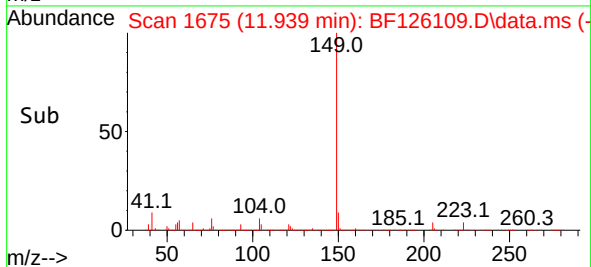
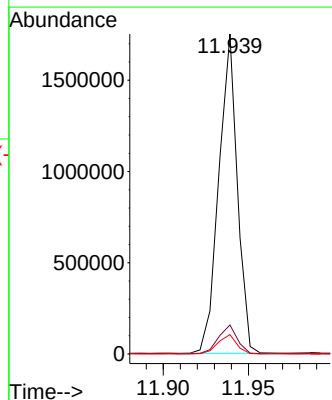
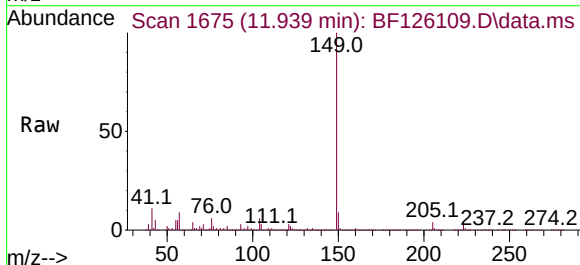
Instrument :
 BNA_F
 ClientSampleId :
 CMC-ICS-001-002MSD

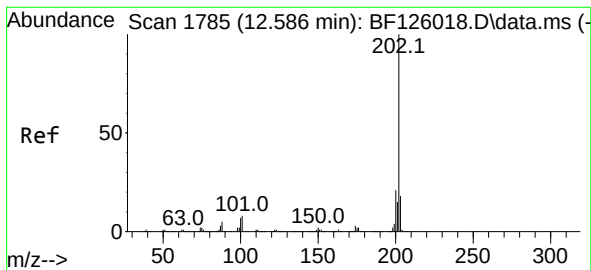
Tgt Ion:167 Resp: 995416
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.0
 139 14.4 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 48.203 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. 0.000 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

Tgt Ion:149 Resp: 1326167
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 6.0 4.1 6.1





#75

Fluoranthene

Concen: 44.826 ng

RT: 12.592 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

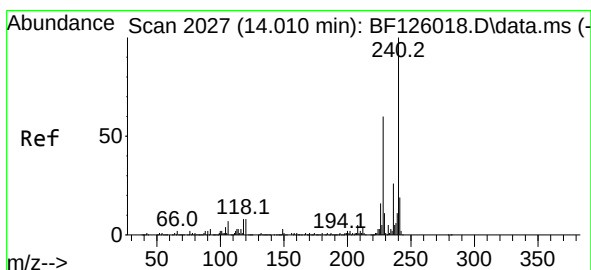
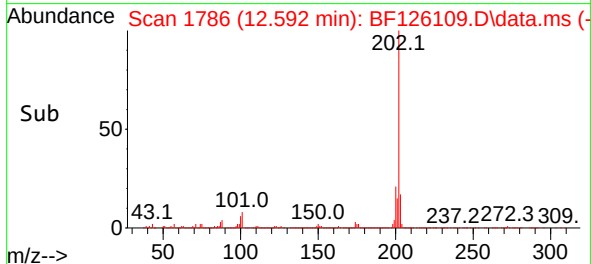
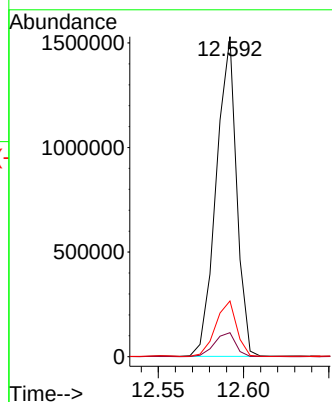
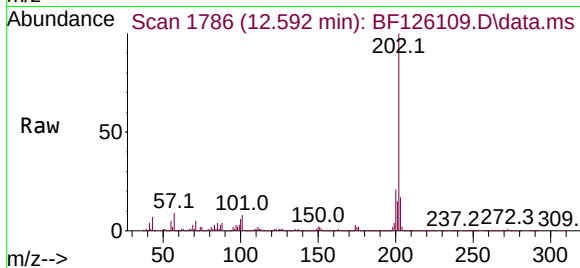
Tgt Ion:202 Resp: 1272843

Ion Ratio Lower Upper

202 100

101 7.5 0.0 30.7

203 17.4 0.0 36.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.011 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

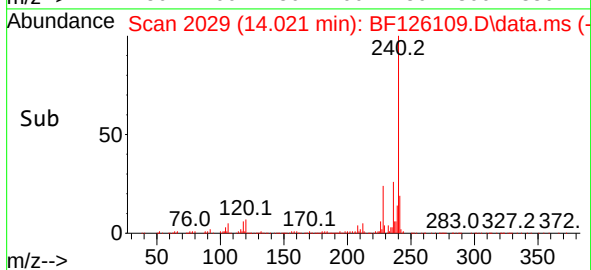
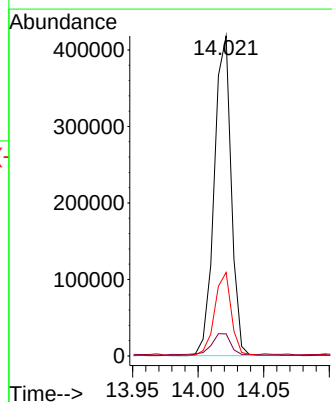
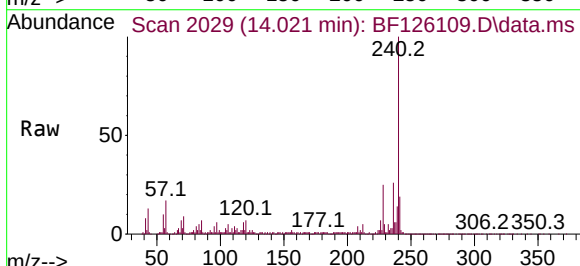
Tgt Ion:240 Resp: 376878

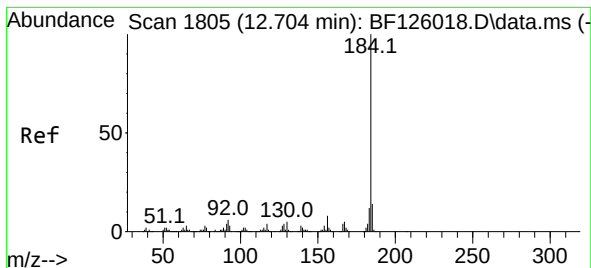
Ion Ratio Lower Upper

240 100

120 6.9 10.8 16.2#

236 26.1 21.6 32.4





#77

Benzidine

Concen: 45.489 ng

RT: 12.710 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

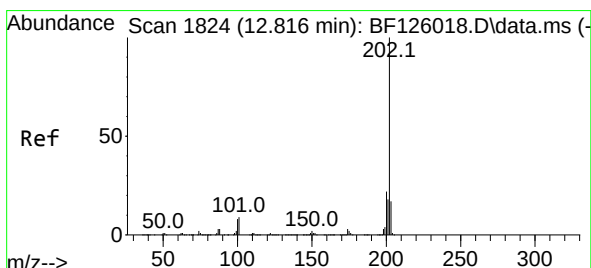
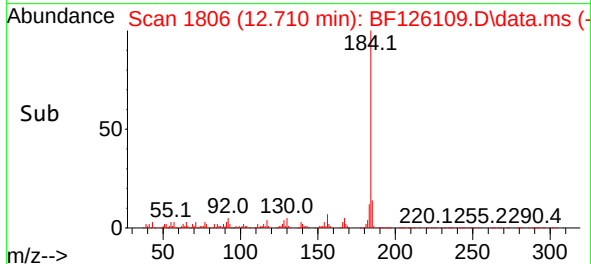
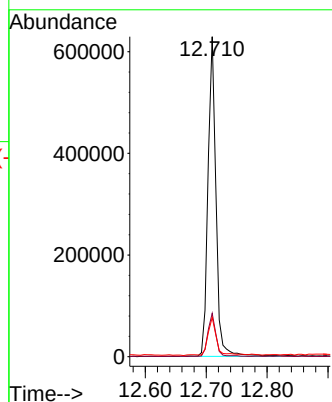
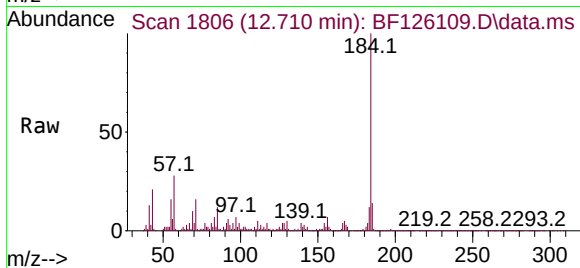
Tgt Ion:184 Resp: 573101

Ion Ratio Lower Upper

184 100

185 13.6 10.8 16.2

183 12.2 8.1 12.1#



#78

Pyrene

Concen: 43.324 ng

RT: 12.821 min Scan# 1825

Delta R.T. 0.005 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

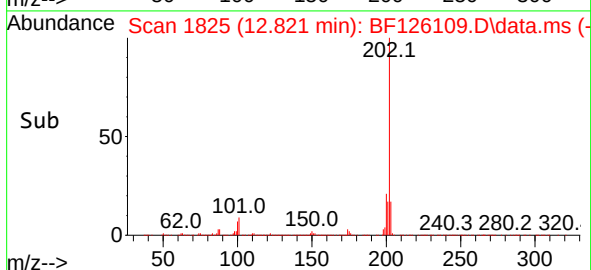
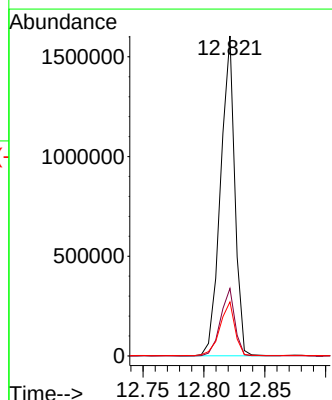
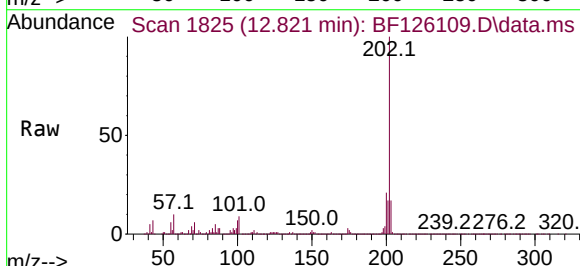
Tgt Ion:202 Resp: 1309422

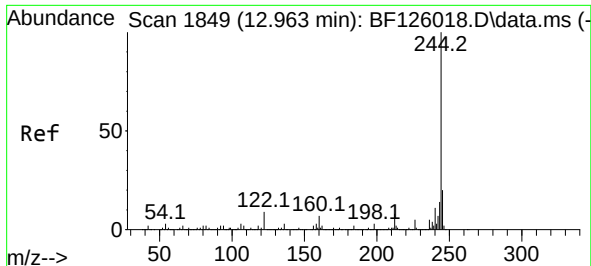
Ion Ratio Lower Upper

202 100

200 21.1 15.3 22.9

203 16.9 13.4 20.0

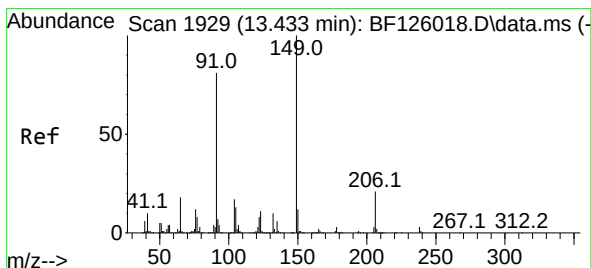
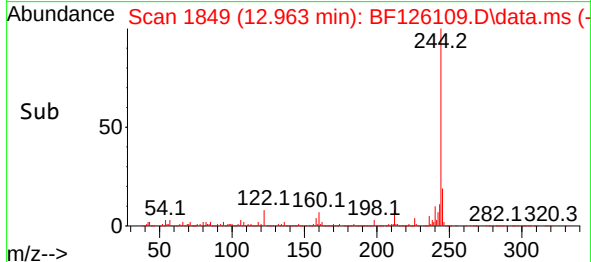
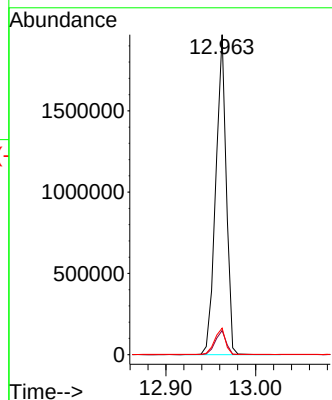
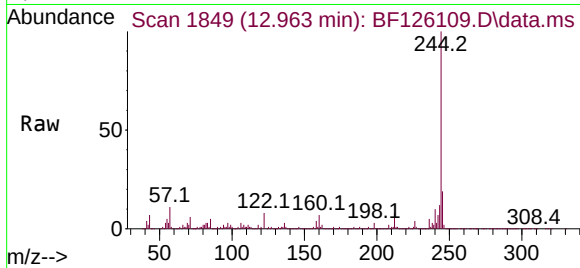




#79
 Terphenyl-d14
 Concen: 68.392 ng
 RT: 12.963 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

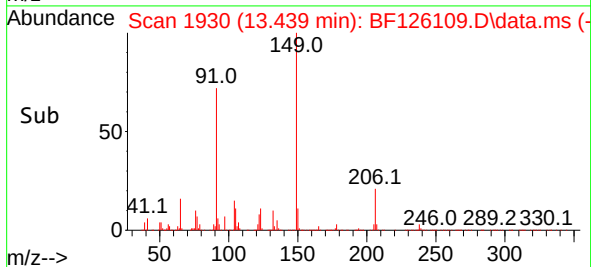
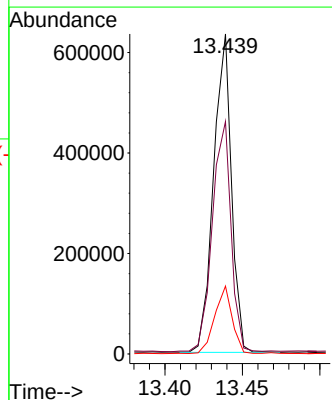
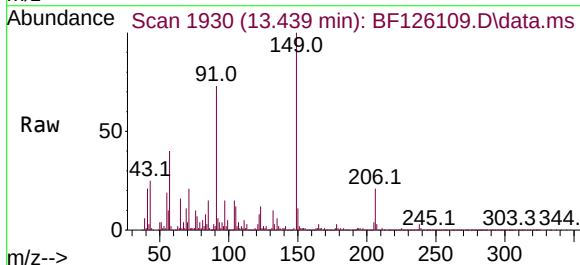
Instrument :
 BNA_F
 ClientSampleId :
 CMC-ICS-001-002MSD

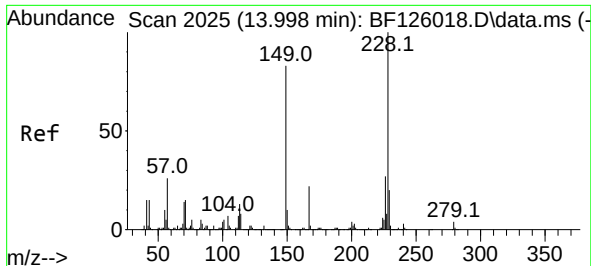
Tgt Ion:244 Resp: 1598433
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 8.3 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 46.117 ng
 RT: 13.439 min Scan# 1930
 Delta R.T. 0.006 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

Tgt Ion:149 Resp: 507705
 Ion Ratio Lower Upper
 149 100
 91 72.6 51.8 77.8
 206 21.2 14.5 21.7

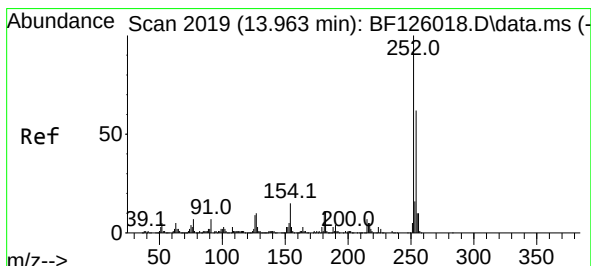
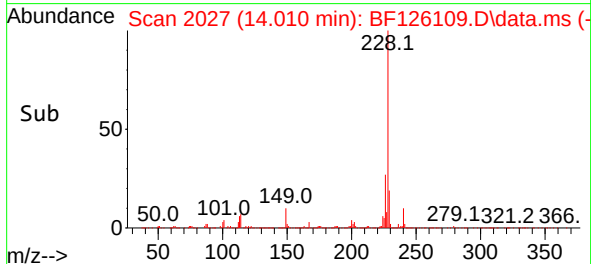
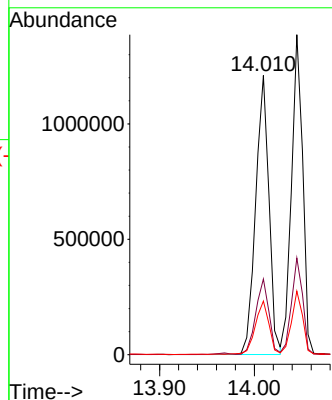
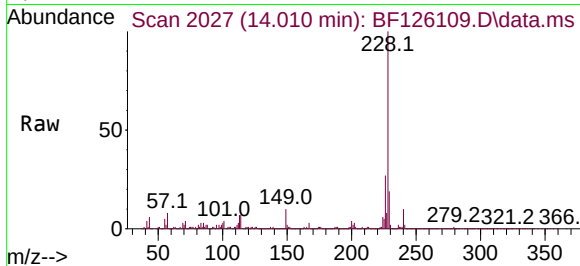




#81
Benzo(a)anthracene
Concen: 45.676 ng
RT: 14.010 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

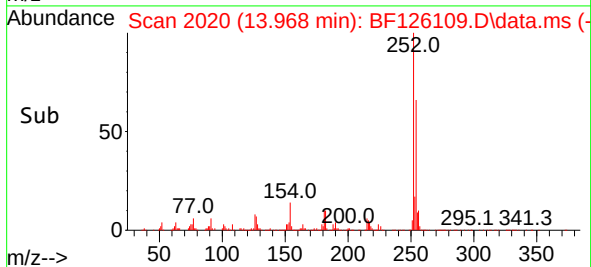
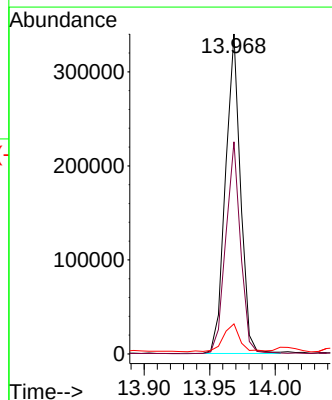
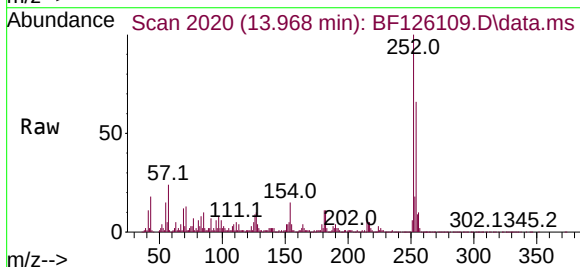
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

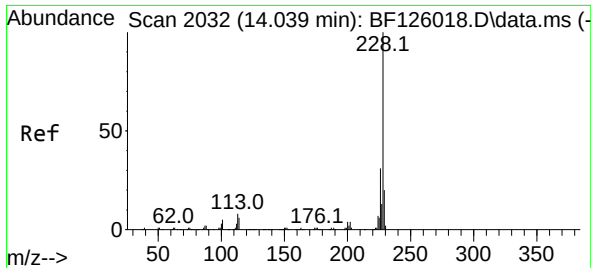
Tgt Ion:228 Resp: 1182593
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 35.747 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.005 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:252 Resp: 270080
Ion Ratio Lower Upper
252 100
254 66.3 51.4 77.0
126 9.4 9.5 14.3#





#83

Chrysene

Concen: 47.219 ng

RT: 14.045 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

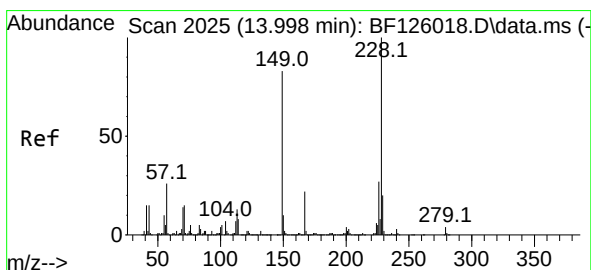
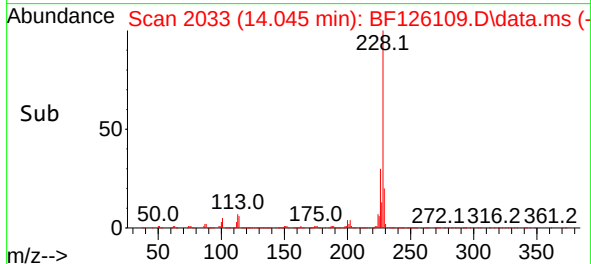
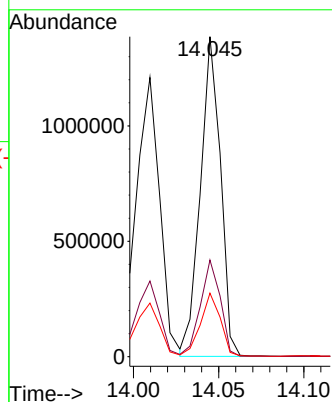
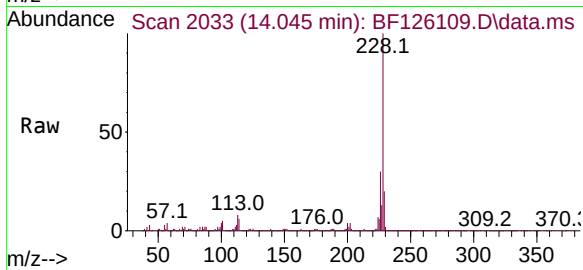
Tgt Ion:228 Resp: 1137541

Ion Ratio Lower Upper

228 100

226 30.2 22.6 34.0

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.196 ng

RT: 13.998 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

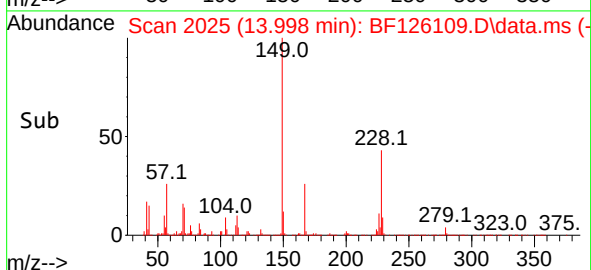
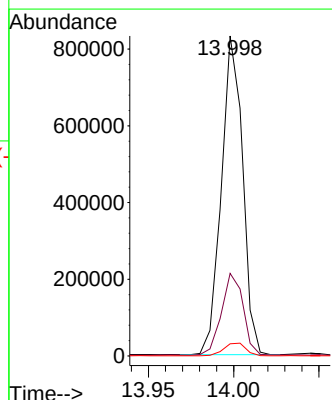
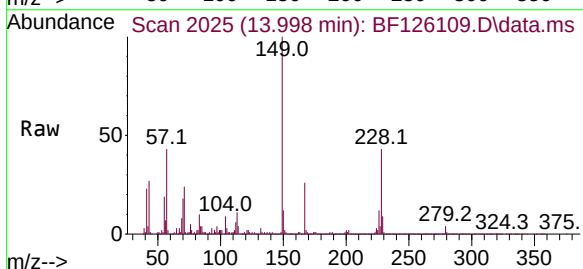
Tgt Ion:149 Resp: 720118

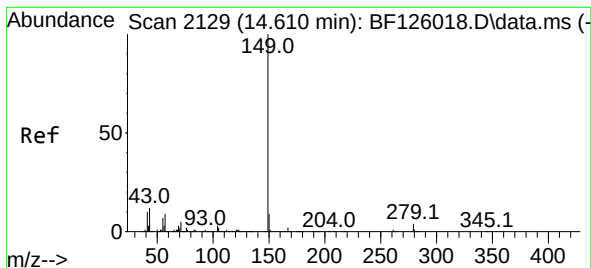
Ion Ratio Lower Upper

149 100

167 25.8 21.4 32.0

279 3.8 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 54.693 ng

RT: 14.610 min Scan# 2129

Delta R.T. -0.000 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

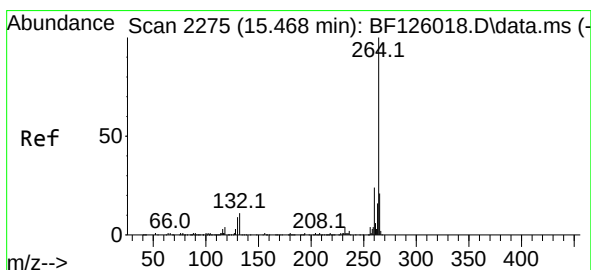
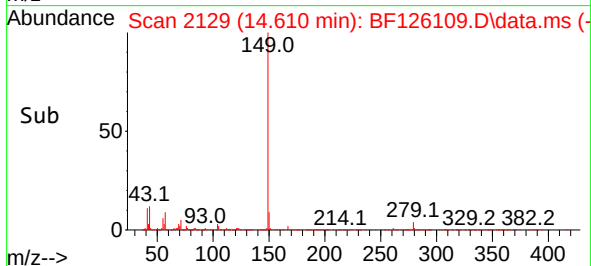
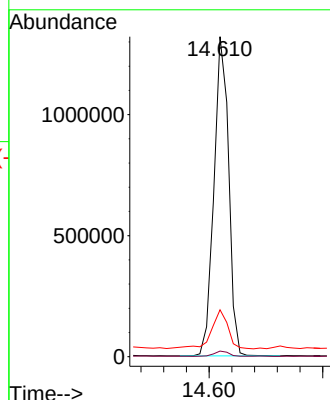
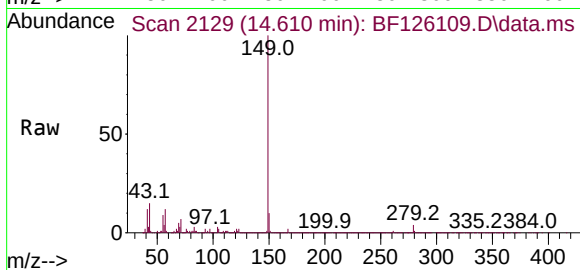
Tgt Ion:149 Resp: 1185658

Ion Ratio Lower Upper

149 100

167 1.6 1.0 1.6#

43 13.8 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2277

Delta R.T. 0.012 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

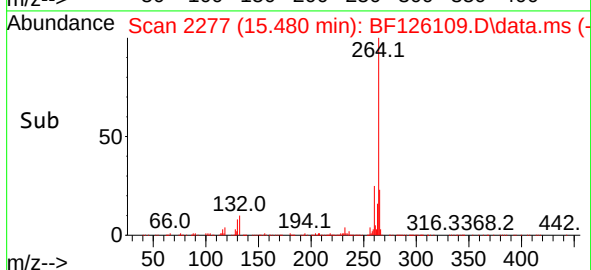
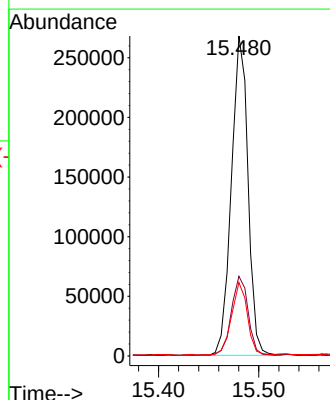
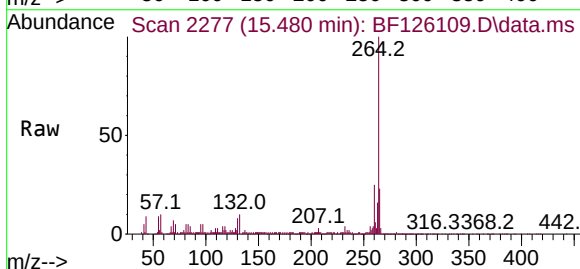
Tgt Ion:264 Resp: 308371

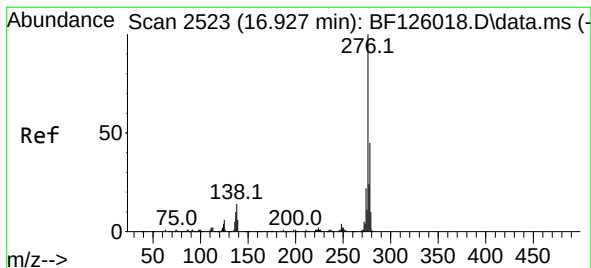
Ion Ratio Lower Upper

264 100

260 24.9 19.6 29.4

265 23.0 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.326 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

Instrument :

BNA_F

ClientSampleId :

CMC-ICS-001-002MSD

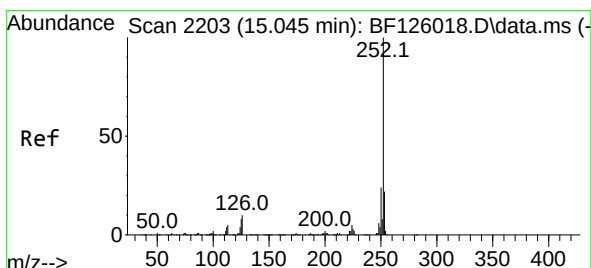
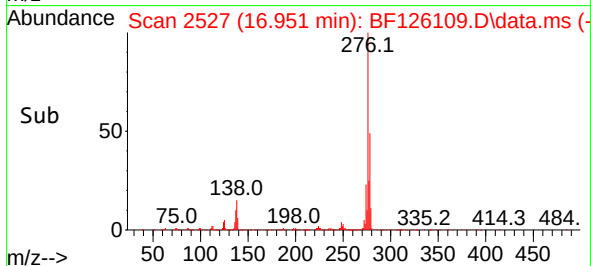
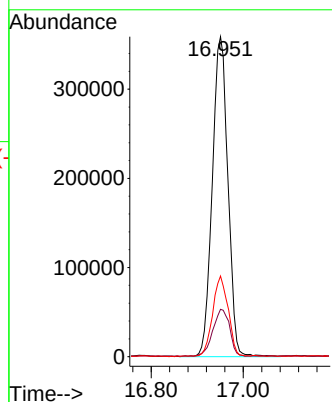
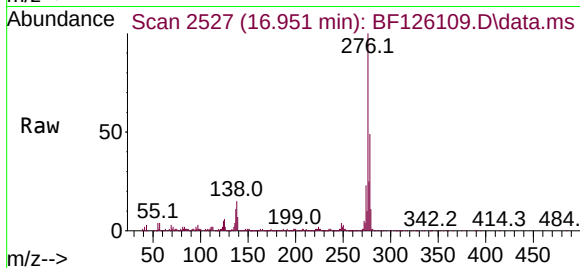
Tgt Ion:276 Resp: 845567

Ion Ratio Lower Upper

276 100

138 15.6 24.1 36.1#

277 25.4 18.8 28.2



#88

Benzo(b)fluoranthene

Concen: 52.188 ng

RT: 15.057 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BF126109.D

Acq: 10 Nov 2021 16:03

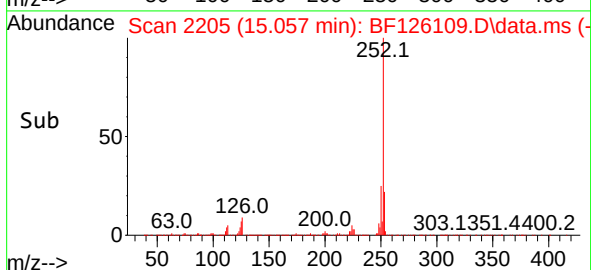
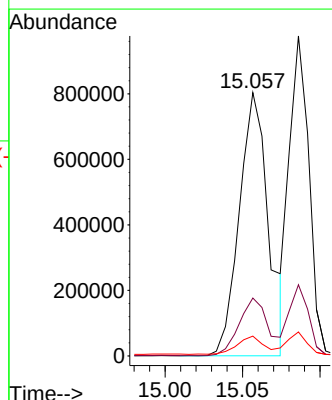
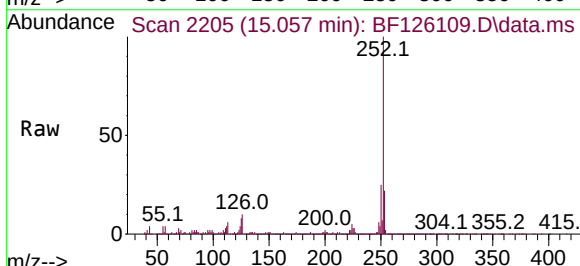
Tgt Ion:252 Resp: 1046801

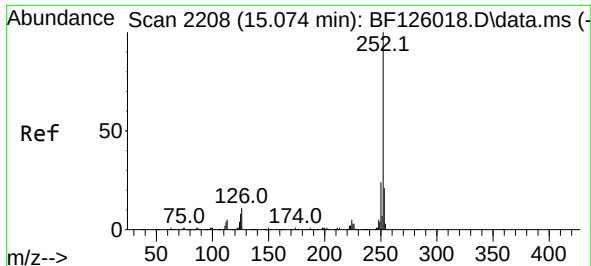
Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 7.5 9.8 14.8#

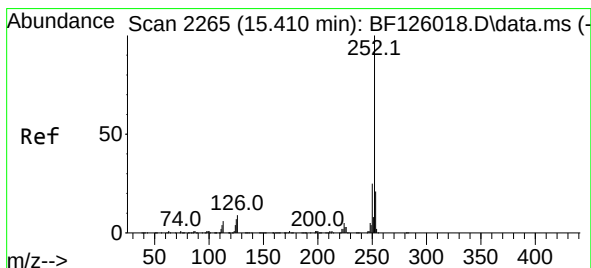
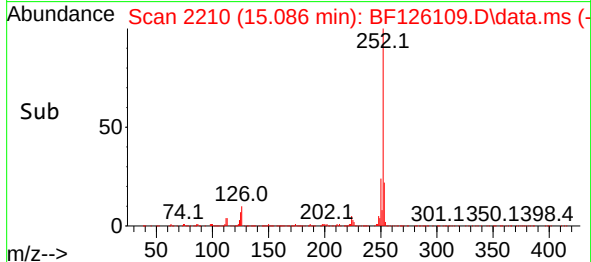
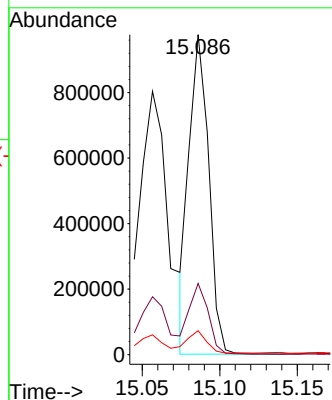
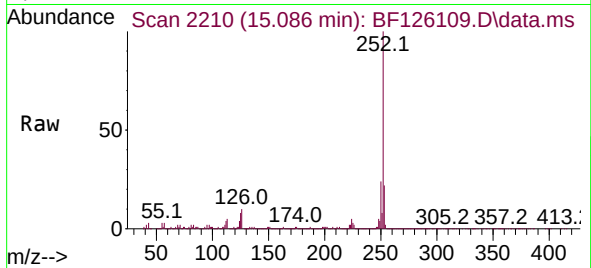




#89
Benzo(k)fluoranthene
Concen: 44.252 ng
RT: 15.086 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

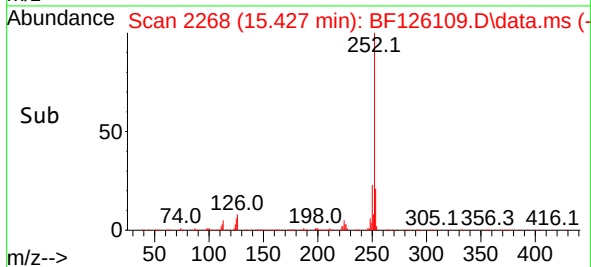
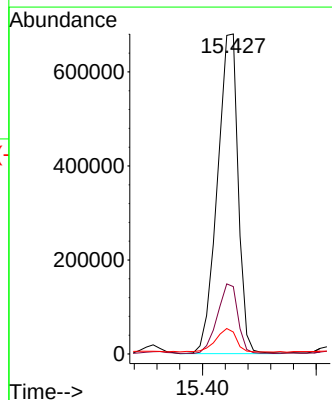
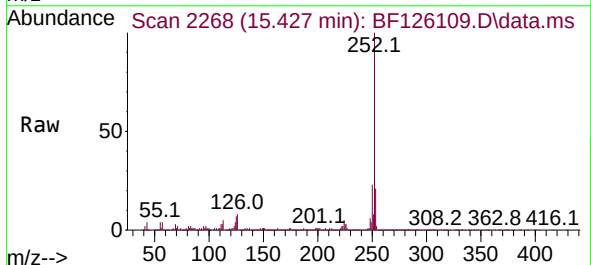
Instrument :
BNA_F
ClientSampleId :
CMC-ICS-001-002MSD

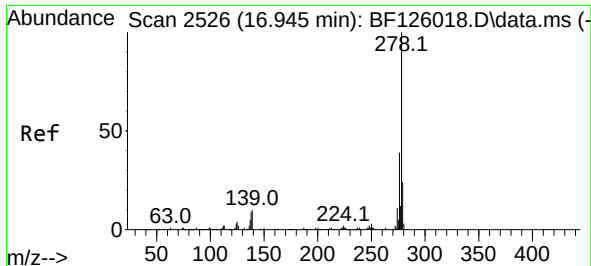
Tgt Ion:252 Resp: 861017
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 7.5 7.2 10.8



#90
Benzo(a)pyrene
Concen: 54.728 ng
RT: 15.427 min Scan# 2268
Delta R.T. 0.017 min
Lab File: BF126109.D
Acq: 10 Nov 2021 16:03

Tgt Ion:252 Resp: 864846
Ion Ratio Lower Upper
252 100
253 21.0 18.4 27.6
125 6.9 9.9 14.9#

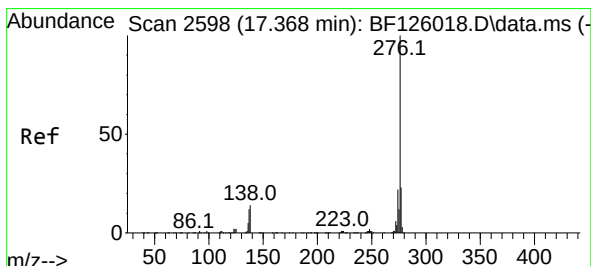
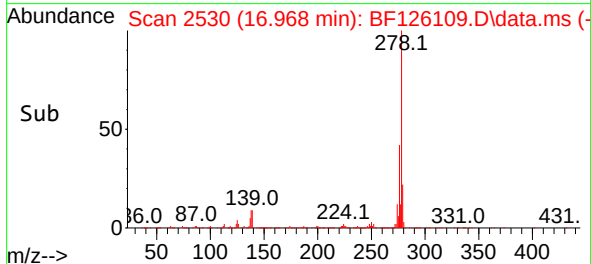
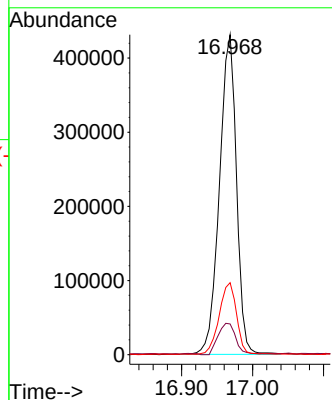
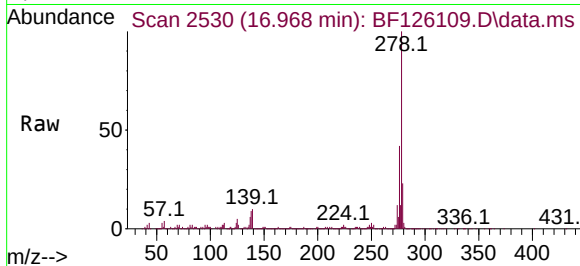




#91
 Dibenzo(a,h)anthracene
 Concen: 47.725 ng
 RT: 16.968 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

Instrument :
 BNA_F
 ClientSampleId :
 CMC-ICS-001-002MSD

Tgt Ion:278 Resp: 715460
 Ion Ratio Lower Upper
 278 100
 139 9.6 14.9 22.3#
 279 22.5 19.7 29.5



#92
 Benzo(g,h,i)perylene
 Concen: 46.740 ng
 RT: 17.392 min Scan# 2602
 Delta R.T. 0.024 min
 Lab File: BF126109.D
 Acq: 10 Nov 2021 16:03

Tgt Ion:276 Resp: 672013
 Ion Ratio Lower Upper
 276 100
 277 23.7 22.0 33.0
 138 12.9 22.2 33.4#

