

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126279.D
 Acq On : 20 Dec 2021 15:35
 Operator : JU/CG
 Sample : M5146-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-8-121721MSD

Quant Time: Dec 21 05:09:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	146326	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	545447	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	207588	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	304768	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	264041	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	302163	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	535326	53.876	ng	0.01
7) Phenol-d6	6.445	99	633172	50.186	ng	0.00
23) Nitrobenzene-d5	7.375	82	388083	38.534	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	84838	50.854	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	512254	43.280	ng	0.00
79) Terphenyl-d14	12.921	244	437567	28.804	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	260845	53.780	ng	# 100
3) Pyridine	3.357	79	560217	43.494	ng	# 77
4) n-Nitrosodimethylamine	3.310	42	267152	53.966	ng	# 2
6) Aniline	6.475	93	599951	37.437	ng	96
8) 2-Chlorophenol	6.598	128	505104	50.129	ng	89
9) Benzaldehyde	6.363	77	387584	50.909	ng	95
10) Phenol	6.457	94	698253	49.304	ng	89
11) bis(2-Chloroethyl)ether	6.551	93	554348	50.428	ng	96
12) 1,3-Dichlorobenzene	6.757	146	507421	49.922	ng	97
13) 1,4-Dichlorobenzene	6.834	146	516234	50.294	ng	94
14) 1,2-Dichlorobenzene	6.987	146	484843	51.088	ng	95
15) Benzyl Alcohol	6.957	79	416904	45.265	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	876294	48.712	ng	94
17) 2-Methylphenol	7.069	107	384119	43.516	ng	96
18) Hexachloroethane	7.334	117	198026	49.048	ng	96
19) n-Nitroso-di-n-propyla...	7.234	70	332241	42.896	ng	# 72
20) 3+4-Methylphenols	7.222	107	438249	41.997	ng	# 81
22) Acetophenone	7.228	105	648064	51.625	ng	98
24) Nitrobenzene	7.398	77	529160	52.633	ng	91
25) Isophorone	7.639	82	907811	47.733	ng	# 88
26) 2-Nitrophenol	7.716	139	233819	51.590	ng	# 84
27) 2,4-Dimethylphenol	7.751	122	403491	52.423	ng	98
28) bis(2-Chloroethoxy)met...	7.851	93	595471	47.622	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	313983	45.893	ng	93
30) 1,2,4-Trichlorobenzene	8.045	180	346736	48.996	ng	99
31) Naphthalene	8.122	128	1273194	49.913	ng	98
32) Benzoic acid	7.863	122	255418	38.520	ng	93
33) 4-Chloroaniline	8.169	127	209931	19.711	ng	98
34) Hexachlorobutadiene	8.245	225	173375	49.883	ng	99
35) Caprolactam	8.534	113	105123	61.825	ng	90
36) 4-Chloro-3-methylphenol	8.651	107	346898	42.984	ng	89
37) 2-Methylnaphthalene	8.816	142	755183	48.074	ng	99
38) 1-Methylnaphthalene	8.916	142	686253	45.016	ng	96
40) 1,2,4,5-Tetrachloroben...	8.981	216	254029	56.699	ng	# 95
41) Hexachlorocyclopentadiene	8.969	237	199062	77.588	ng	97
43) 2,4,6-Trichlorophenol	9.092	196	169099	47.979	ng	90

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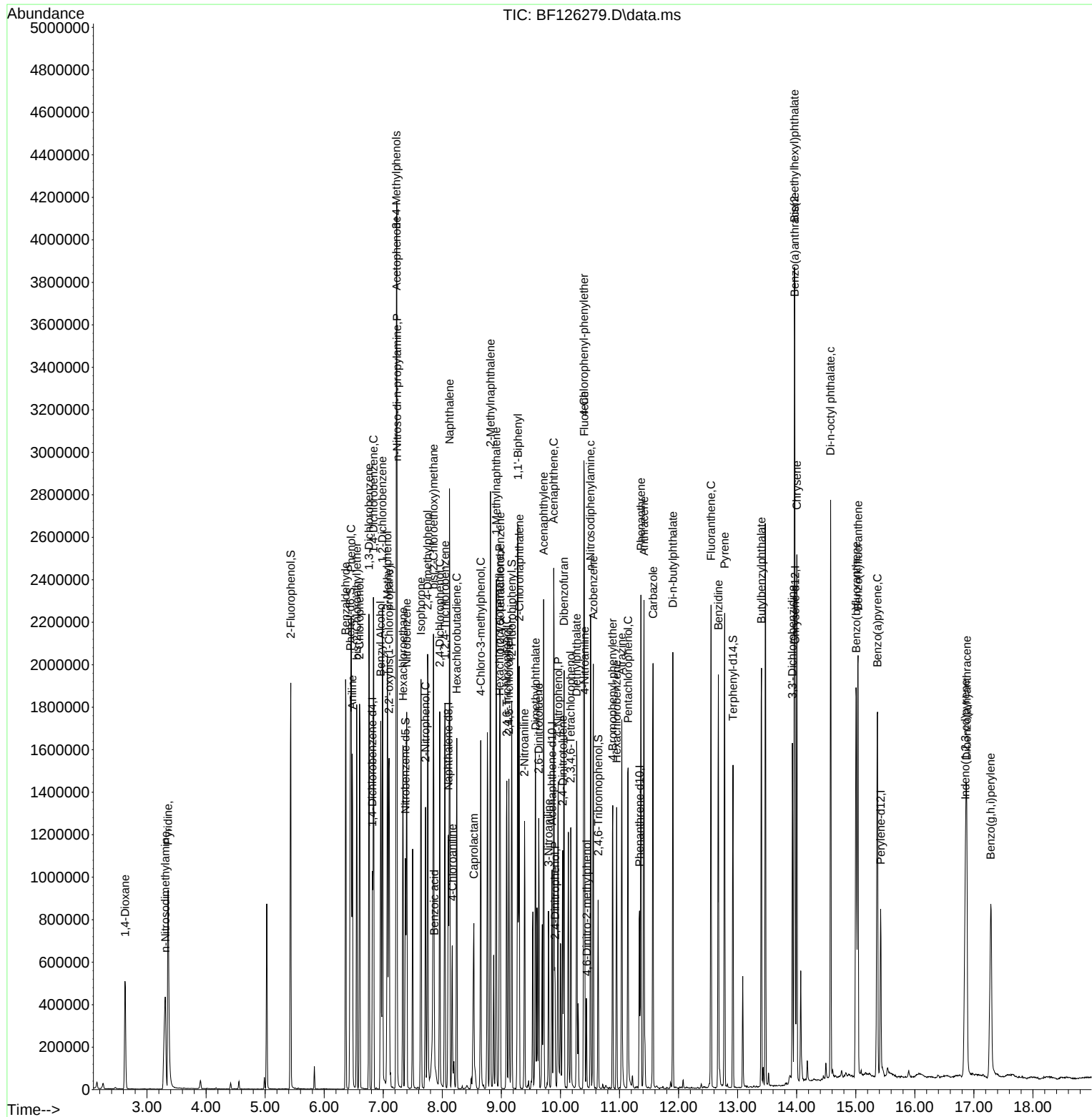
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	181859	49.827	ng	95
46) 1,1'-Biphenyl	9.281	154	835227	54.415	ng	97
47) 2-Chloronaphthalene	9.304	162	601411	52.077	ng	99
48) 2-Nitroaniline	9.392	65	214770	50.951	ng	89
49) Acenaphthylene	9.716	152	904200	51.240	ng	98
50) Dimethylphthalate	9.581	163	655803	49.872	ng	98
51) 2,6-Dinitrotoluene	9.633	165	140112	49.228	ng	# 78
52) Acenaphthene	9.886	154	586785	51.275	ng	98
53) 3-Nitroaniline	9.798	138	122736	33.928	ng	# 69
54) 2,4-Dinitrophenol	9.910	184	63495	54.180	ng	# 78
55) Dibenzofuran	10.063	168	759688	48.758	ng	96
56) 4-Nitrophenol	9.963	139	261992	100.262	ng	# 80
57) 2,4-Dinitrotoluene	10.039	165	178622	49.198	ng	# 96
58) Fluorene	10.404	166	529294	46.925	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.175	232	129267	47.768	ng	# 98
60) Diethylphthalate	10.275	149	618772	46.824	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	229598	45.209	ng	94
62) 4-Nitroaniline	10.410	138	127261	41.936	ng	# 74
63) Azobenzene	10.557	77	734870	45.912	ng	83
65) 4,6-Dinitro-2-methylph...	10.445	198	42637	25.620	ng	# 85
66) n-Nitrosodiphenylamine	10.510	169	488594	49.953	ng	98
67) 4-Bromophenyl-phenylether	10.886	248	139209	48.669	ng	95
68) Hexachlorobenzene	10.951	284	161421	49.069	ng	# 89
69) Atrazine	11.039	200	139839	78.015	ng	96
70) Pentachlorophenol	11.145	266	178078	97.575	ng	94
71) Phenanthrene	11.363	178	792980	50.412	ng	98
72) Anthracene	11.416	178	819767	51.922	ng	99
73) Carbazole	11.569	167	760314	51.135	ng	98
74) Di-n-butylphthalate	11.904	149	957483	50.798	ng	100
75) Fluoranthene	12.551	202	809980	57.152	ng	92
77) Benzidine	12.674	184	732803	176.039	ng	98
78) Pyrene	12.780	202	858969	35.410	ng	97
80) Butylbenzylphthalate	13.404	149	443566	38.857	ng	# 87
81) Benzo(a)anthracene	13.968	228	717109	45.850	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	324525	45.418	ng	# 96
83) Chrysene	14.004	228	770269	47.400	ng	97
84) Bis(2-ethylhexyl)phtha...	13.963	149	547854	42.948	ng	99
85) Di-n-octyl phthalate	14.574	149	1237650	54.427	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	856653	42.504	ng	# 91
88) Benzo(b)fluoranthene	15.010	252	949877	52.319	ng	97
89) Benzo(k)fluoranthene	15.039	252	830174	47.799	ng	# 96
90) Benzo(a)pyrene	15.368	252	878244	58.202	ng	# 96
91) Dibenzo(a,h)anthracene	16.880	278	733266	44.755	ng	95
92) Benzo(g,h,i)perylene	17.286	276	698639	41.214	ng	92

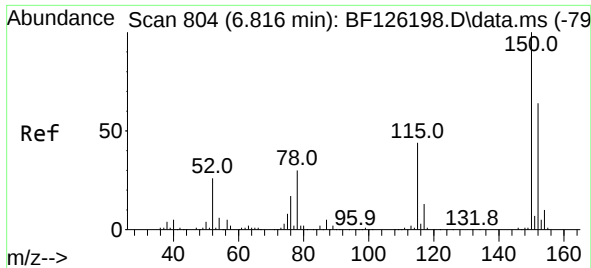
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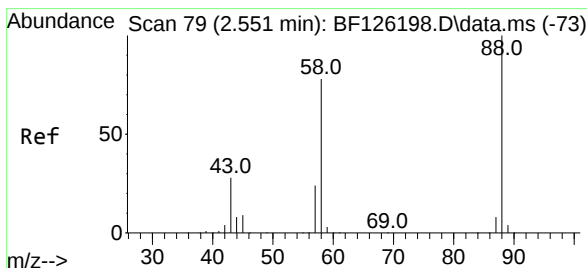
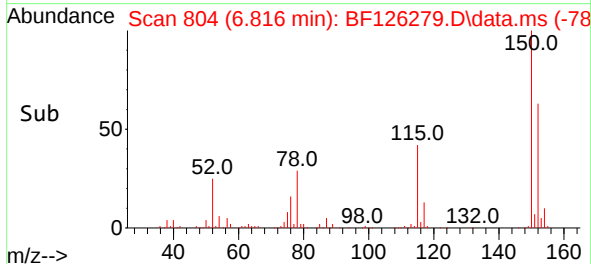
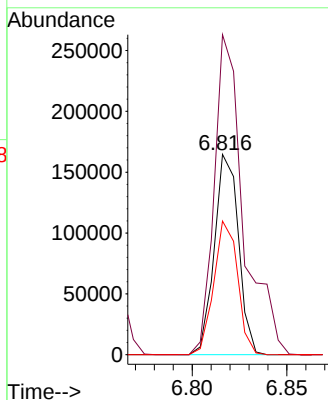
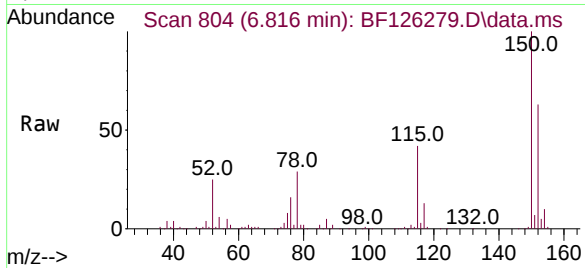




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF126279.D
 Acq: 20 Dec 2021 15:35

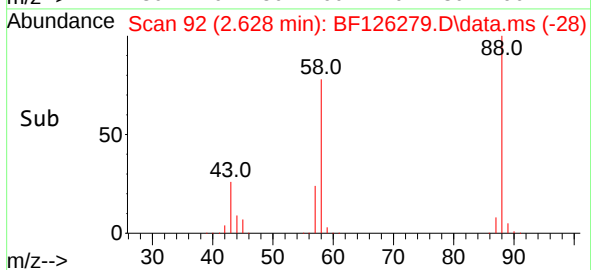
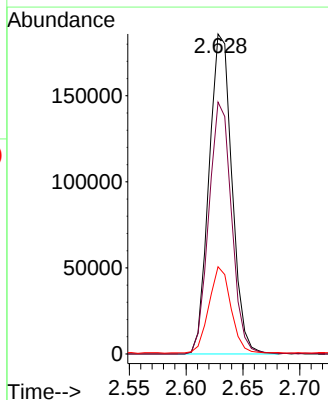
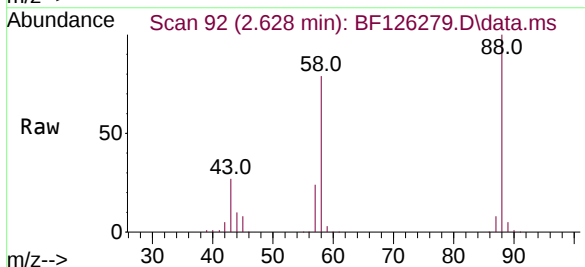
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 NB-8-121721MSD

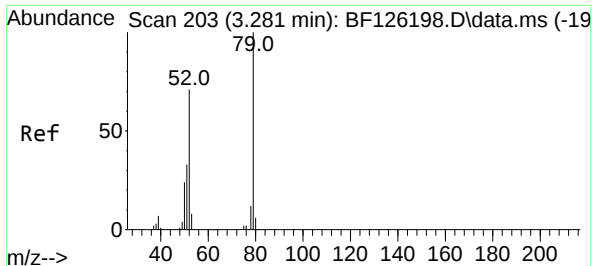
Tgt Ion:152 Resp: 146326
 Ion Ratio Lower Upper
 152 100
 150 159.8 117.6 176.4
 115 66.7 47.1 70.7



#2
 1,4-Dioxane
 Concen: 53.780 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.077 min
 Lab File: BF126279.D
 Acq: 20 Dec 2021 15:35

Tgt Ion: 88 Resp: 260845
 Ion Ratio Lower Upper
 88 100
 58 78.2 0.0 0.0#
 43 26.1 0.0 0.0#

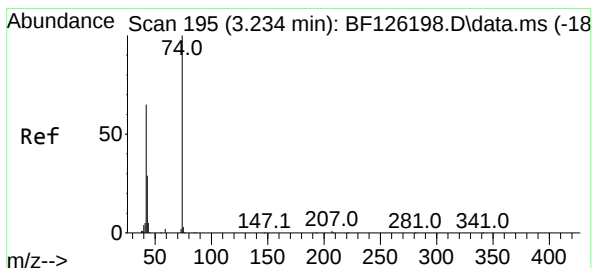
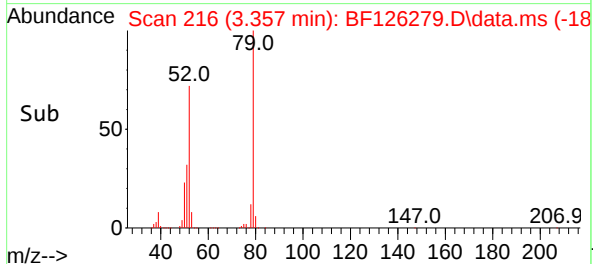
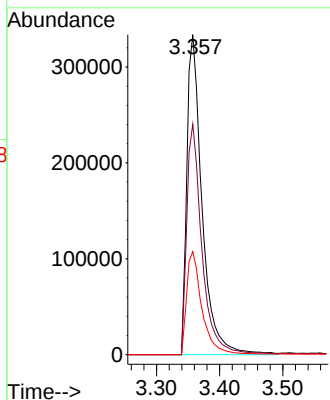
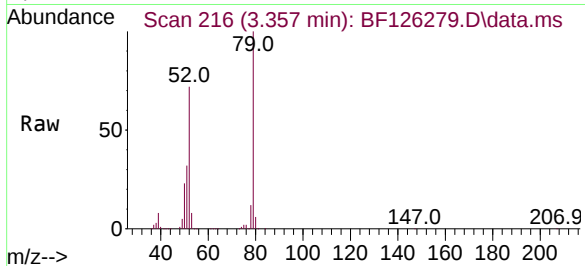




#3
Pyridine
Concen: 43.494 ng
RT: 3.357 min Scan# 216
Delta R.T. 0.077 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

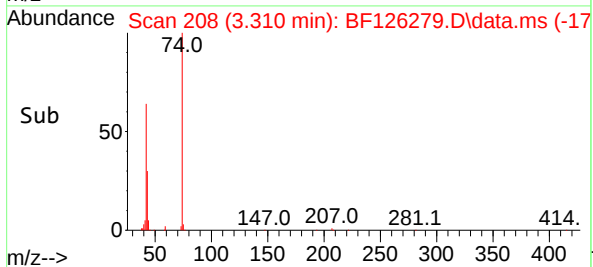
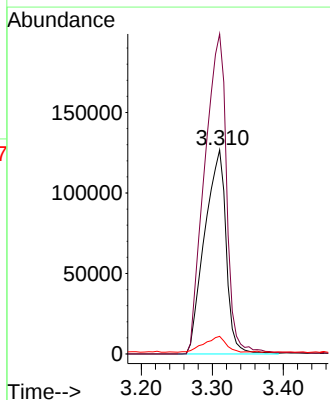
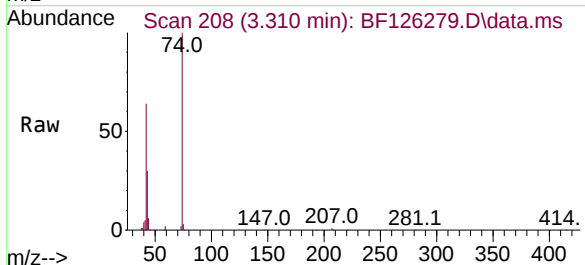
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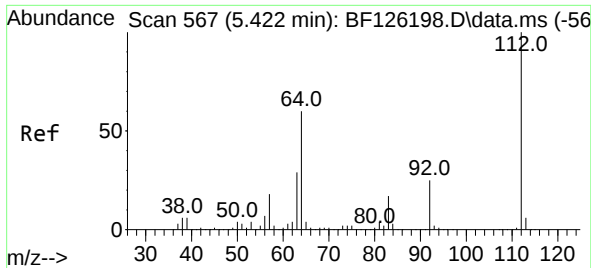
Tgt Ion: 79 Resp: 560217
Ion Ratio Lower Upper
79 100
52 72.1 70.3 105.5
51 32.2 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 53.966 ng
RT: 3.310 min Scan# 208
Delta R.T. 0.077 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion: 42 Resp: 267152
Ion Ratio Lower Upper
42 100
74 156.9 59.0 88.6#
44 8.6 0.0 0.0#

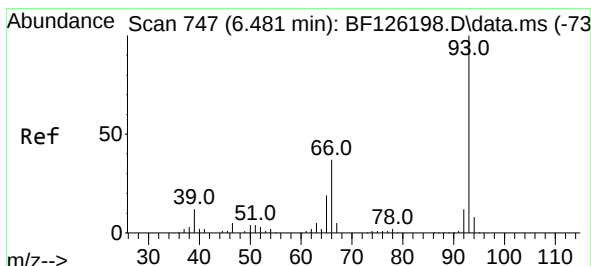
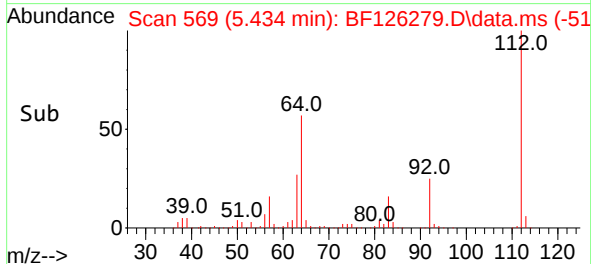
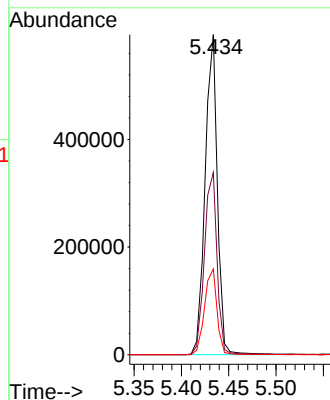
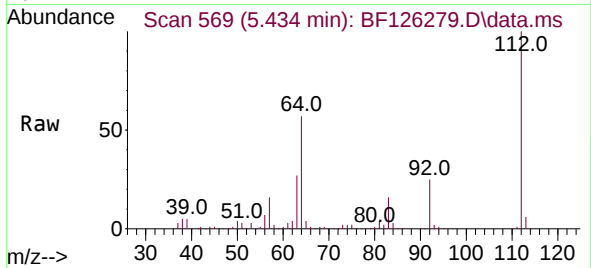




#5
2-Fluorophenol
Concen: 53.876 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

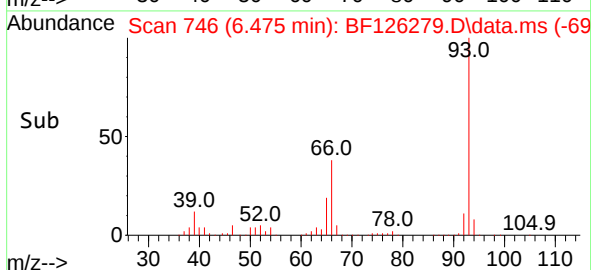
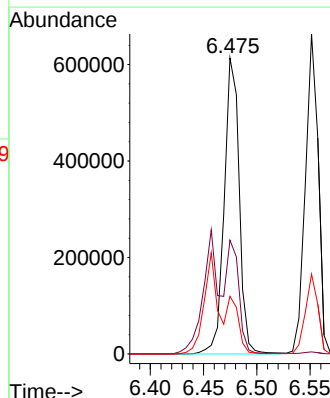
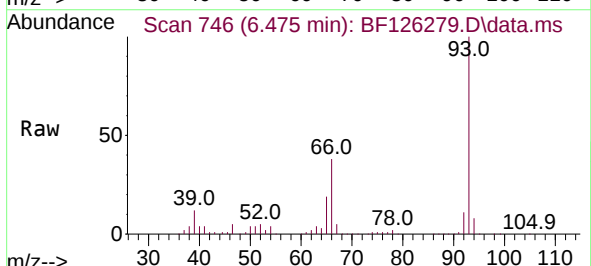
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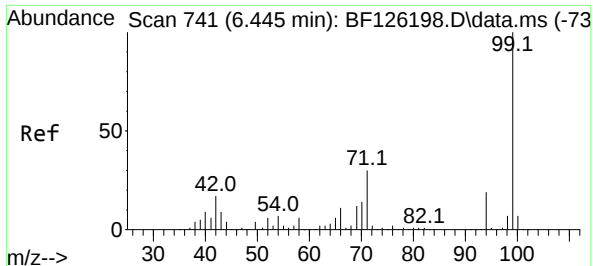
Tgt Ion:112 Resp: 535326
Ion Ratio Lower Upper
112 100
64 56.9 44.2 66.2
63 26.8 26.2 39.2



#6
Aniline
Concen: 37.437 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF126279.D
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Tgt Ion: 93 Resp: 599951
Ion Ratio Lower Upper
93 100
66 38.4 32.7 49.1
65 19.5 14.2 21.4

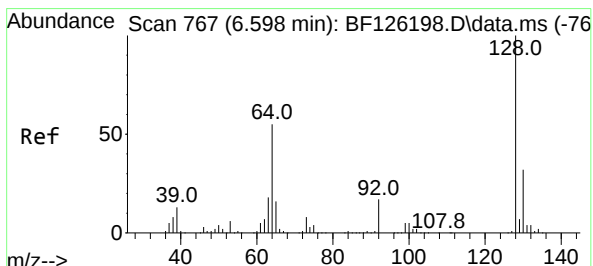
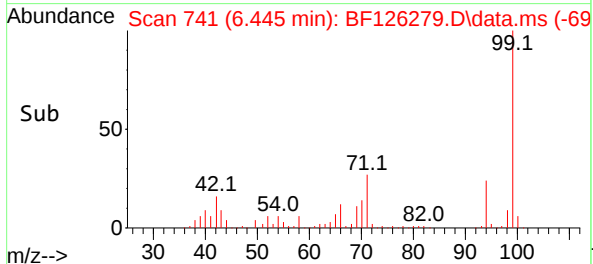
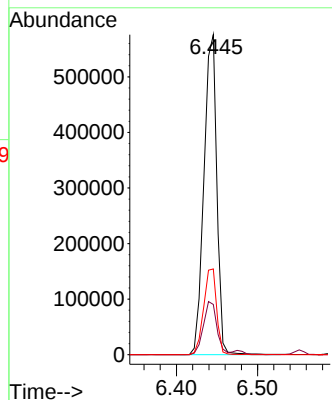
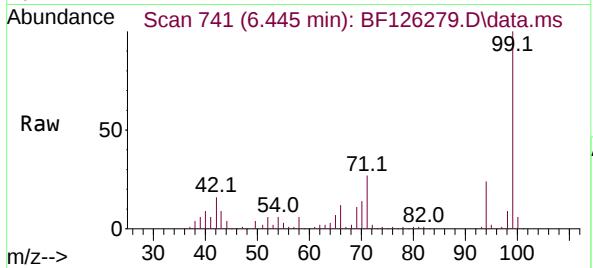




#7
Phenol-d6
Concen: 50.186 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126279.D
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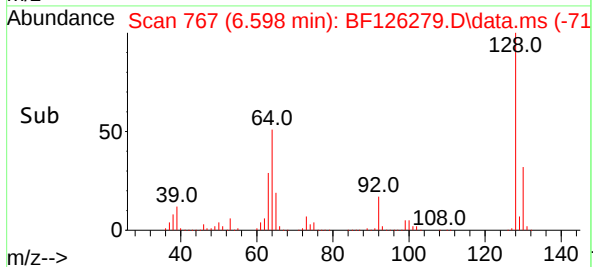
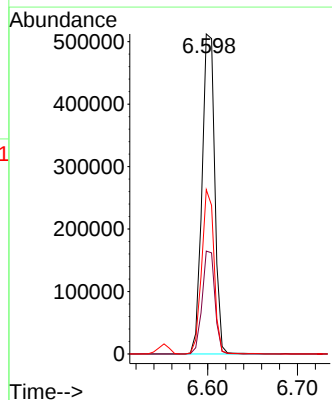
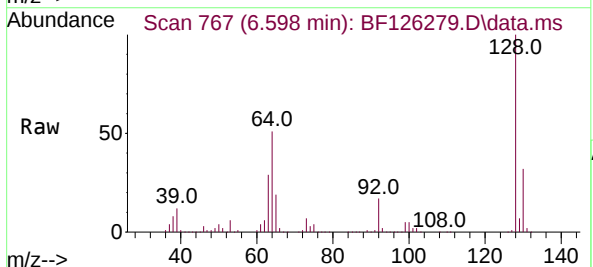
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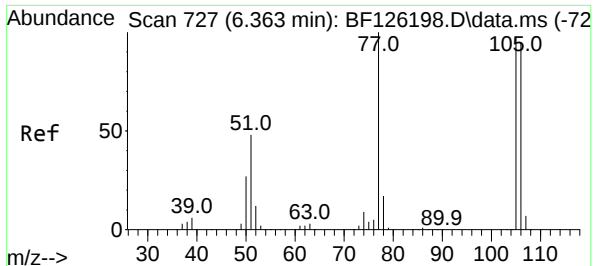
Tgt Ion: 99 Resp: 633172
Ion Ratio Lower Upper
99 100
42 15.7 23.5 35.3#
71 26.8 25.6 38.4



#8
2-Chlorophenol
Concen: 50.129 ng
RT: 6.598 min Scan# 767
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:128 Resp: 505104
Ion Ratio Lower Upper
128 100
130 32.2 10.5 50.5
64 51.3 20.3 60.3





#9

Benzaldehyde

Concen: 50.909 ng

RT: 6.363 min Scan# 727

Delta R.T. 0.000 min

Lab File: BF126279.D

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Instrument :

BNA_F

ClientSampleId :

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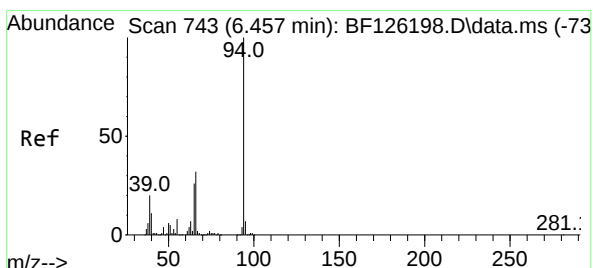
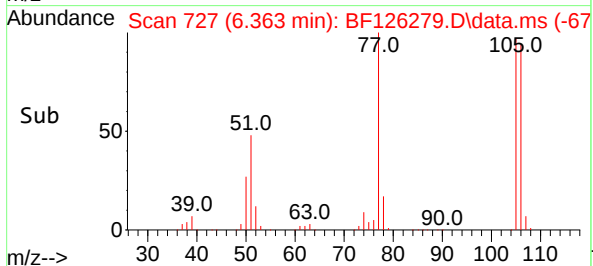
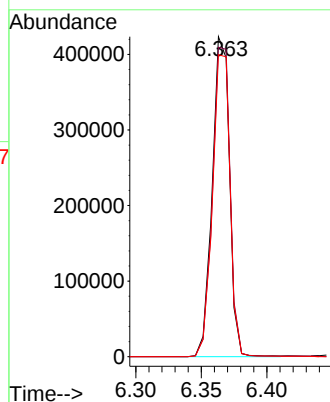
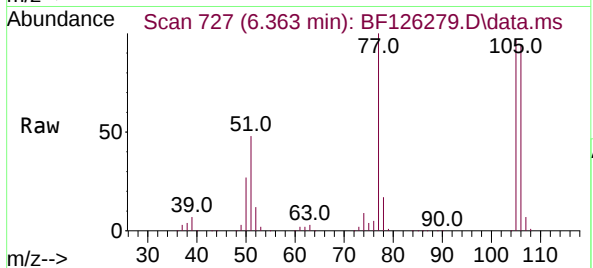
Tgt Ion: 77 Resp: 387584

Ion Ratio Lower Upper

77 100

105 96.7 75.9 115.9

106 94.4 84.0 124.0



#10

Phenol

Concen: 49.304 ng

RT: 6.457 min Scan# 743

Delta R.T. 0.000 min

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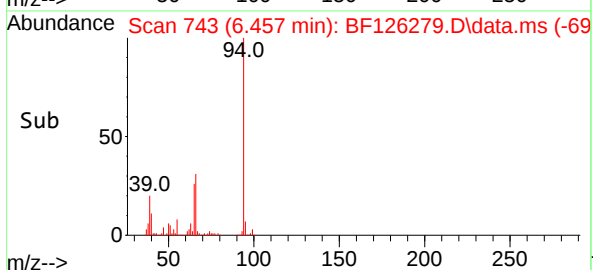
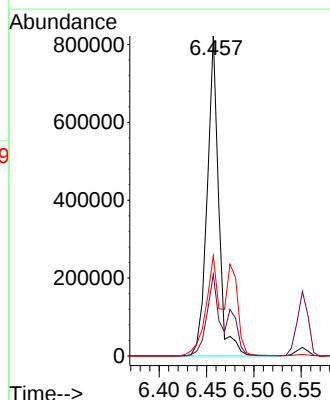
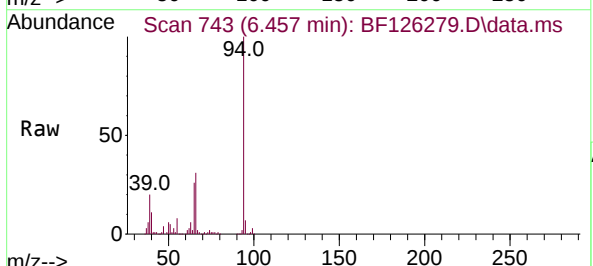
Tgt Ion: 94 Resp: 698253

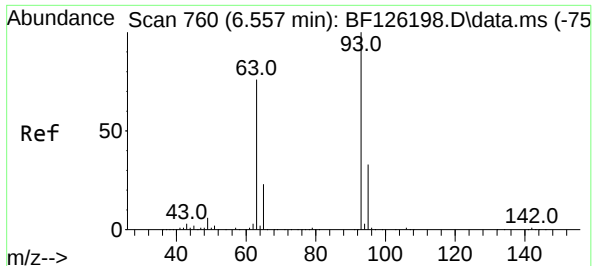
Ion Ratio Lower Upper

94 100

65 25.5 9.3 49.3

66 31.3 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 50.428 ng

RT: 6.551 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

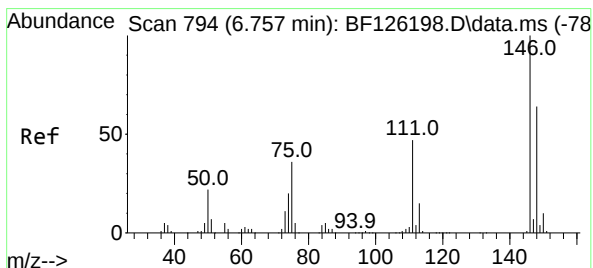
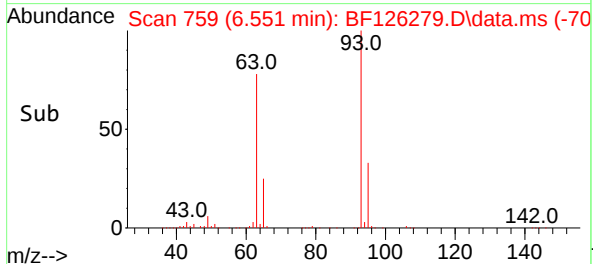
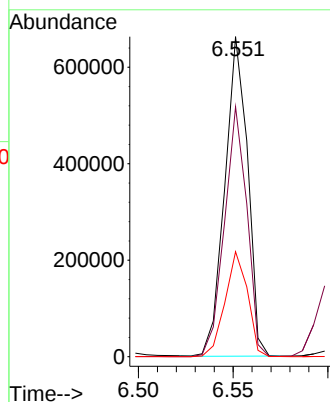
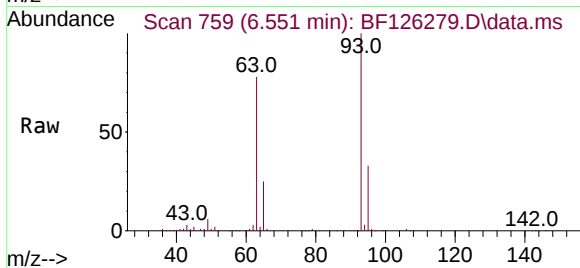
Tgt Ion: 93 Resp: 554348

Ion Ratio Lower Upper

93 100

63 78.1 54.4 94.4

95 32.8 11.4 51.4



#12

1,3-Dichlorobenzene

Concen: 49.922 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

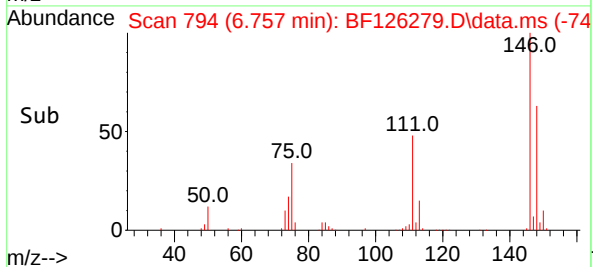
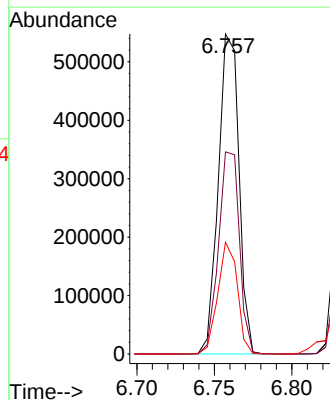
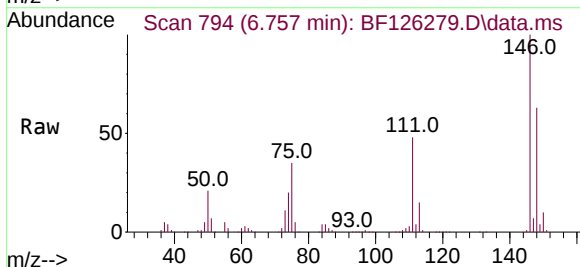
Tgt Ion: 146 Resp: 507421

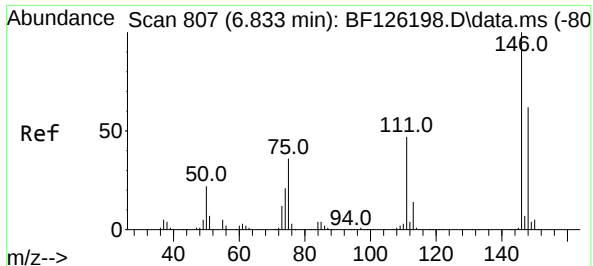
Ion Ratio Lower Upper

146 100

148 63.1 49.7 74.5

75 35.0 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 50.294 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

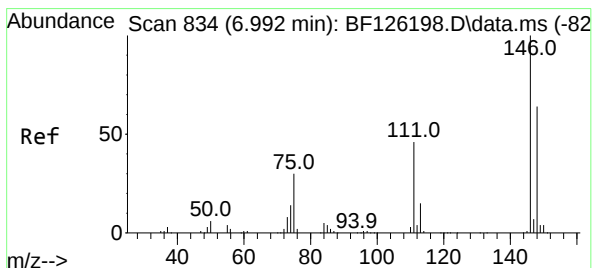
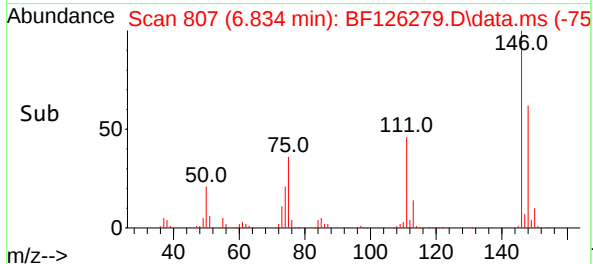
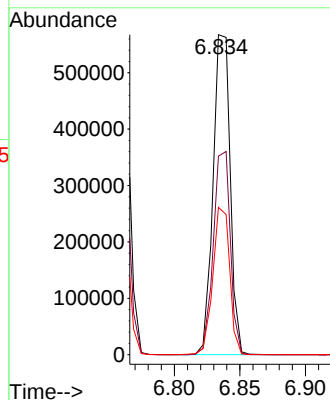
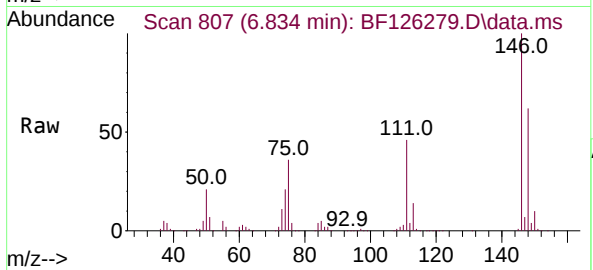
Tgt Ion:146 Resp: 516234

Ion Ratio Lower Upper

146 100

148 62.0 51.9 77.9

111 46.1 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 51.088 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

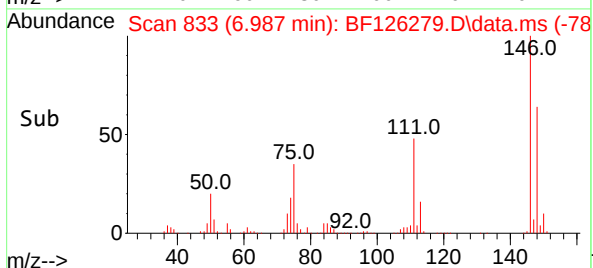
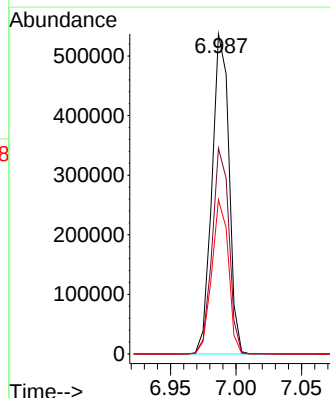
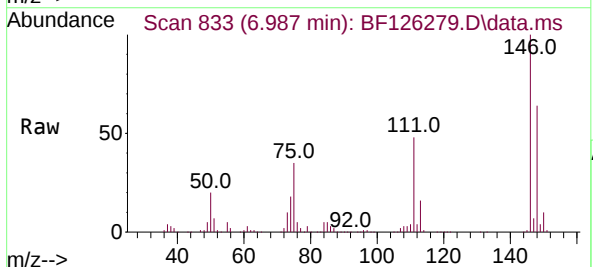
Tgt Ion:146 Resp: 484843

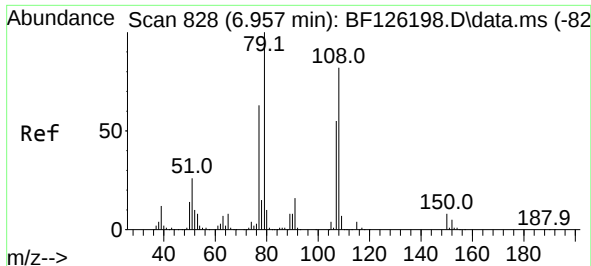
Ion Ratio Lower Upper

146 100

148 64.3 50.6 75.8

111 48.2 33.5 50.3

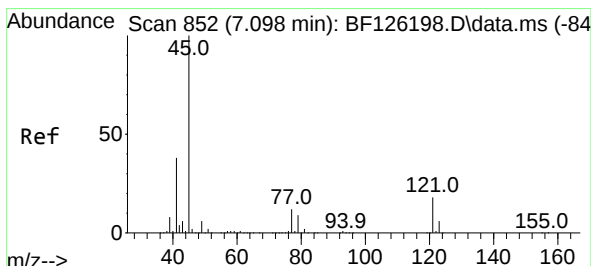
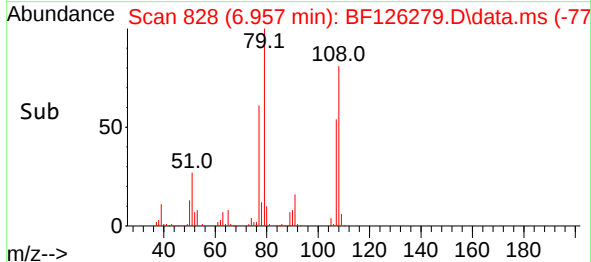
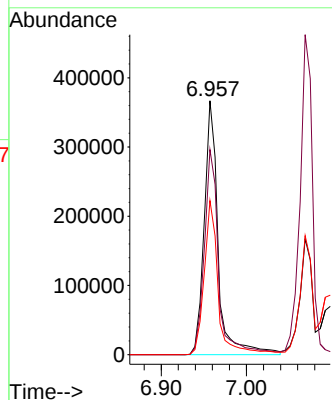
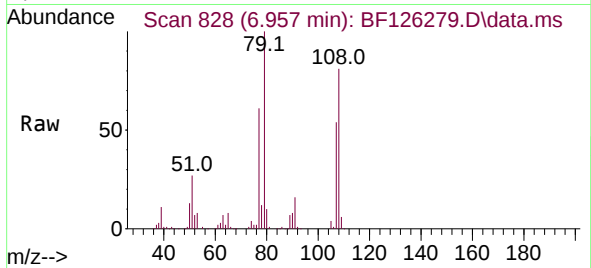




#15
Benzyl Alcohol
Concen: 45.265 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

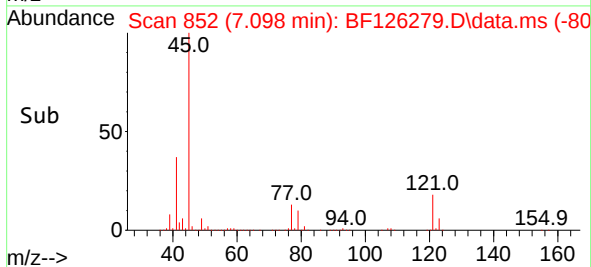
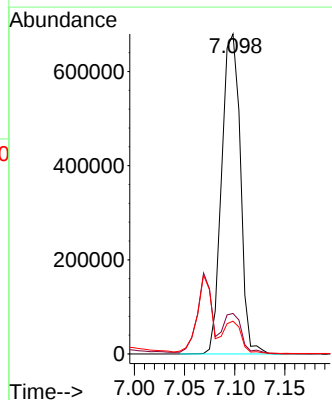
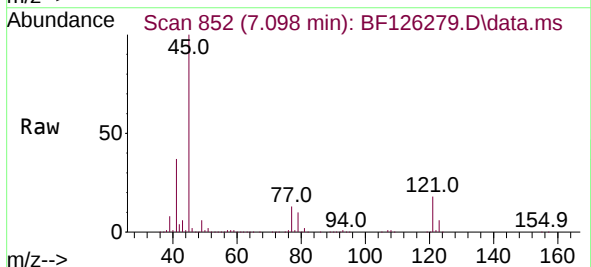
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

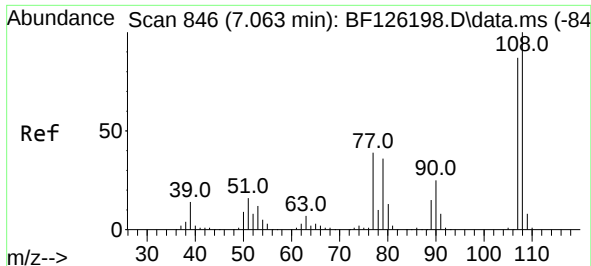
Tgt Ion: 79 Resp: 416904
Ion Ratio Lower Upper
79 100
108 80.8 60.4 90.6
77 60.7 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.712 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion: 45 Resp: 876294
Ion Ratio Lower Upper
45 100
77 12.7 0.0 30.6
79 10.3 0.0 27.5

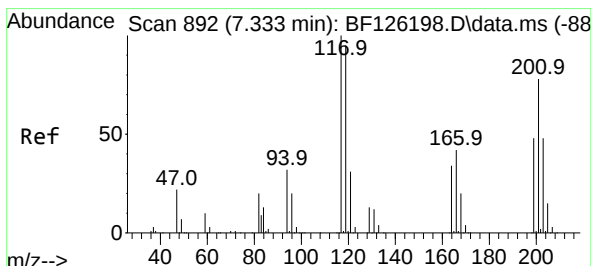
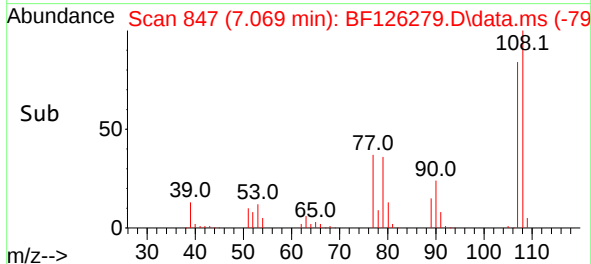
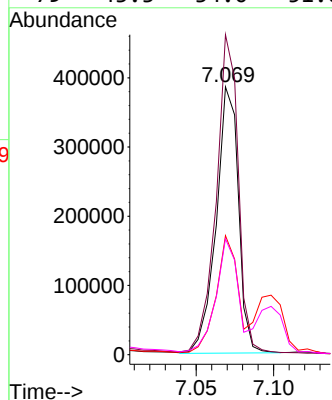
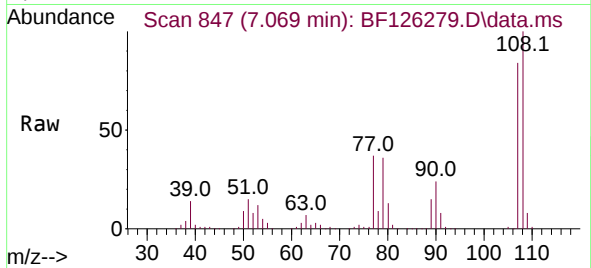




#17
2-Methylphenol
Concen: 43.516 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

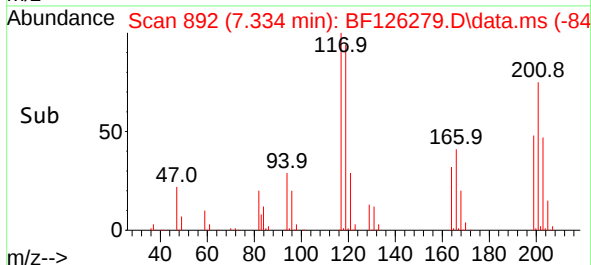
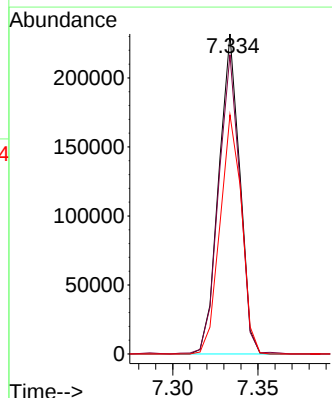
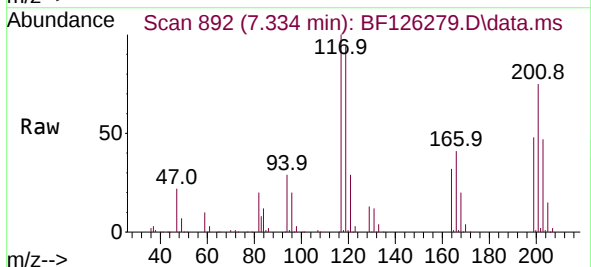
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

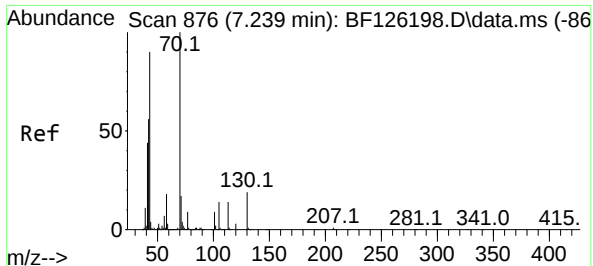
Tgt Ion:	107	Resp:	384119
Ion	Ratio	Lower	Upper
107	100		
108	119.5	90.6	135.8
77	44.5	35.7	53.5
79	43.3	34.0	51.0



#18
Hexachloroethane
Concen: 49.048 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:	117	Resp:	198026
Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.4	110.2
201	74.7	64.9	97.3

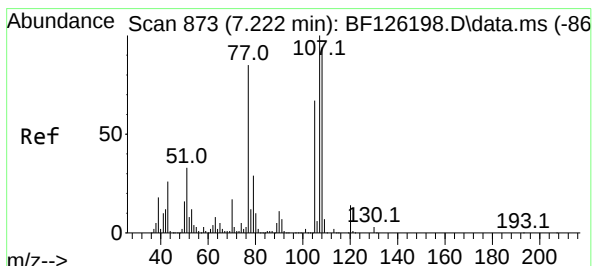
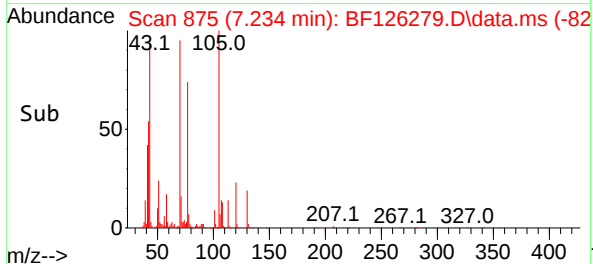
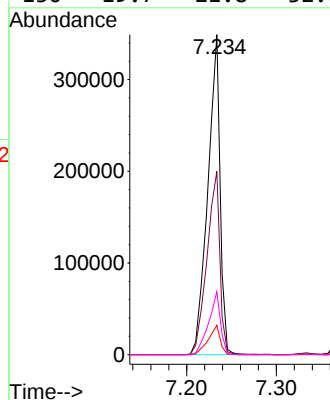
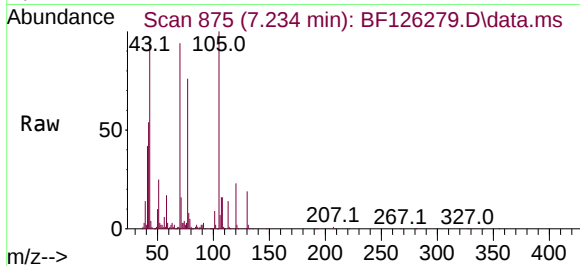




#19
n-Nitroso-di-n-propylamine
Concen: 42.896 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

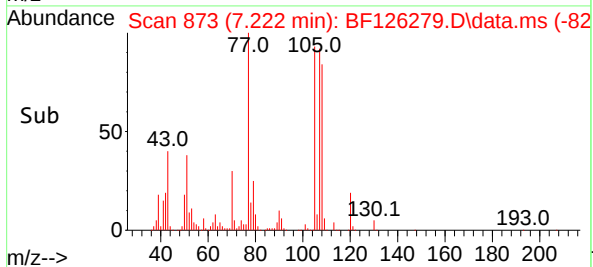
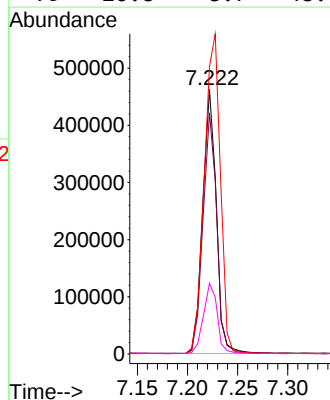
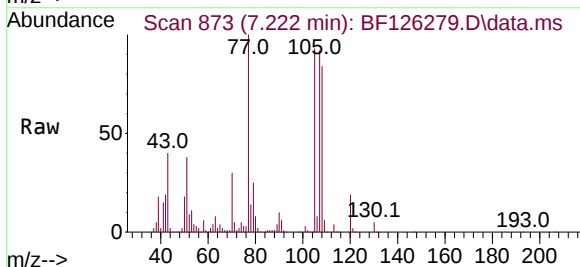
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

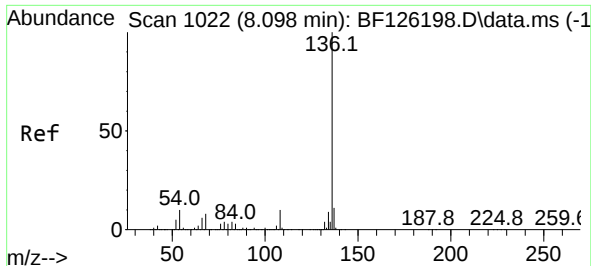
Tgt Ion: 70 Resp: 332241
Ion Ratio Lower Upper
70 100
42 57.3 72.2 108.2#
101 9.2 7.8 11.8
130 19.7 21.8 32.6#



#20
3+4-Methylphenols
Concen: 41.997 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion: 107 Resp: 438249
Ion Ratio Lower Upper
107 100
108 91.2 76.6 116.6
77 108.7 53.3 93.3#
79 26.8 8.7 48.7

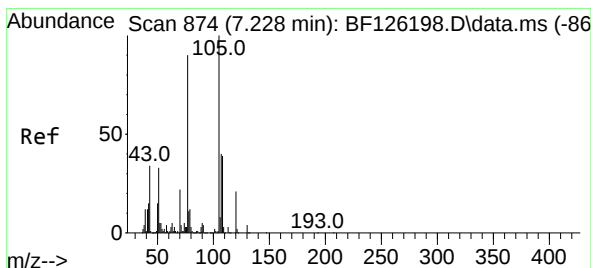
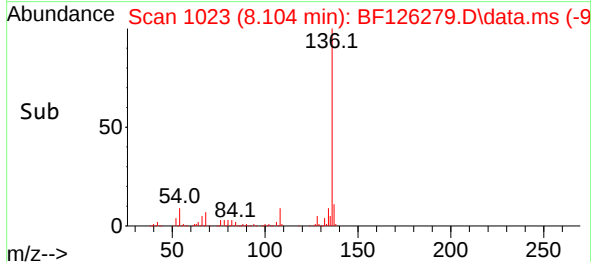
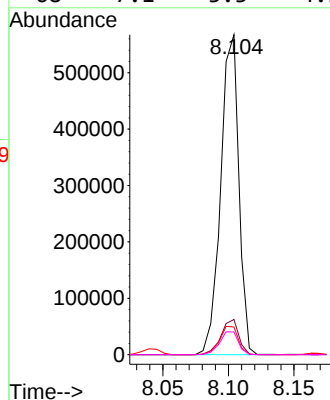
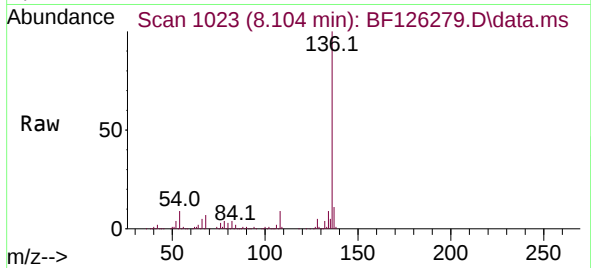




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

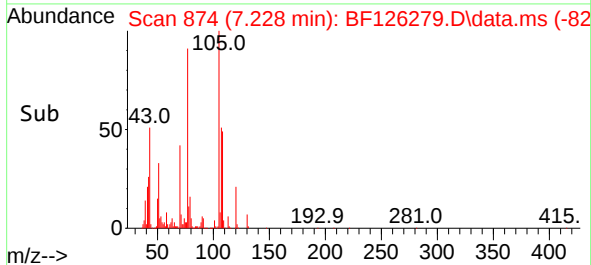
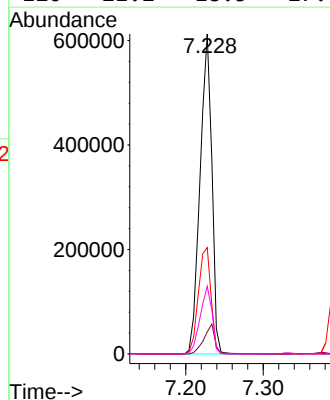
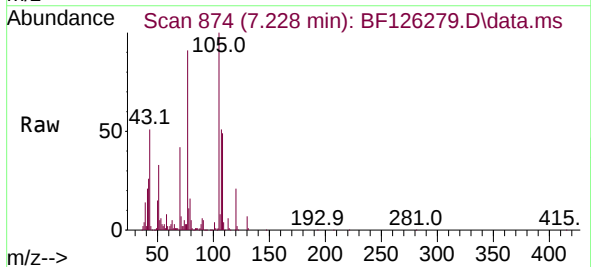
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

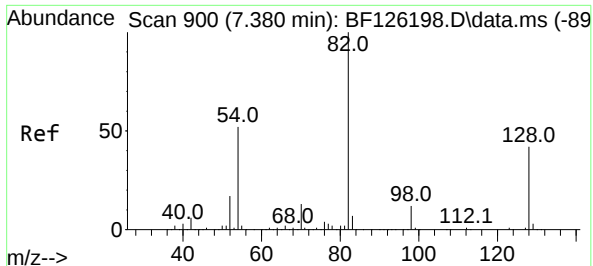
Tgt Ion:136	Resp: 545447
Ion Ratio	Lower Upper
136	100
137	11.0 9.8 14.6
54	8.6 6.4 9.6
68	7.1 3.3 4.9



#22
Acetophenone
Concen: 51.625 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:105	Resp: 648064
Ion Ratio	Lower Upper
105	100
71	6.9 5.5 8.3
51	33.2 26.0 39.0
120	21.2 18.5 27.7





#23

Nitrobenzene-d5

Concen: 38.534 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

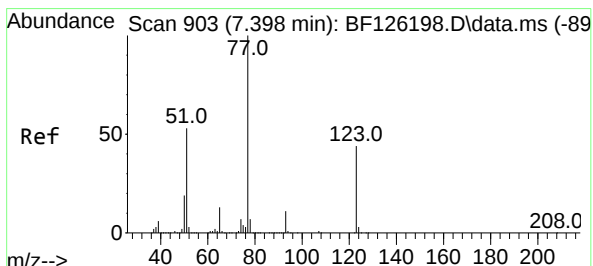
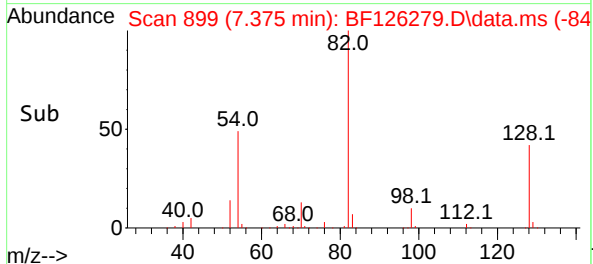
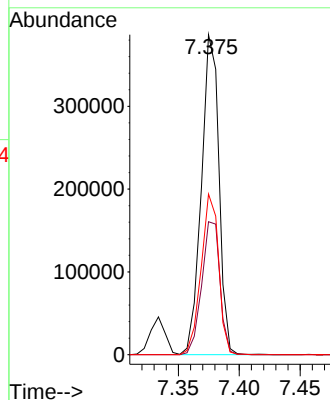
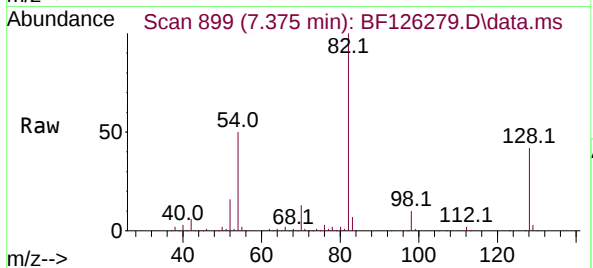
Tgt Ion: 82 Resp: 388083

Ion Ratio Lower Upper

82 100

128 41.5 40.6 60.8

54 50.2 49.6 74.4



#24

Nitrobenzene

Concen: 52.633 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

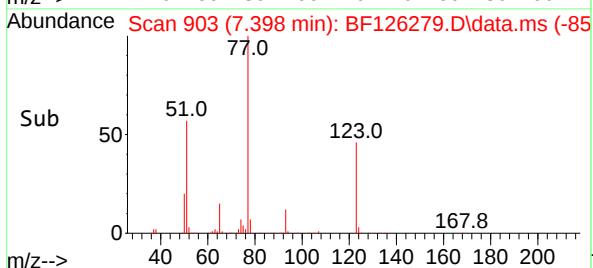
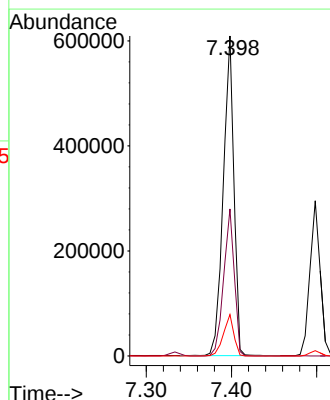
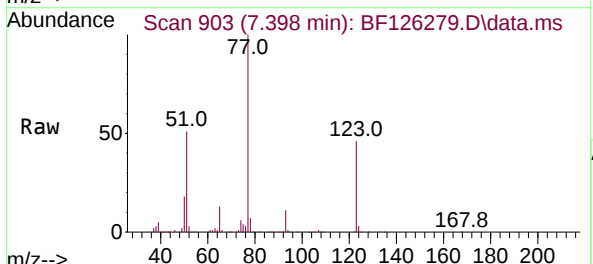
Tgt Ion: 77 Resp: 529160

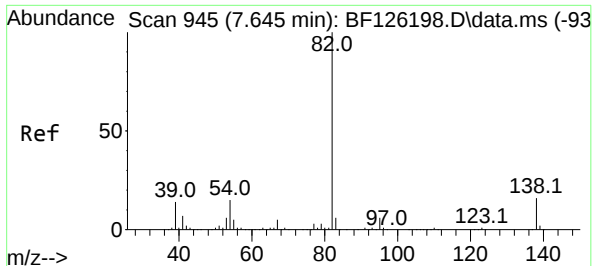
Ion Ratio Lower Upper

77 100

123 45.9 42.3 63.5

65 12.9 12.4 18.6

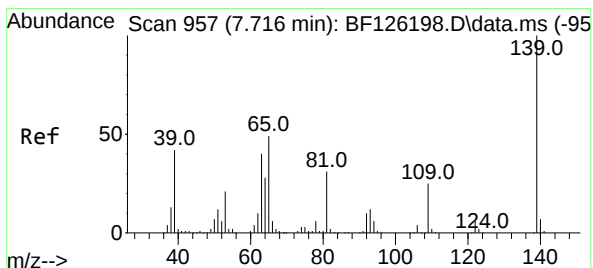
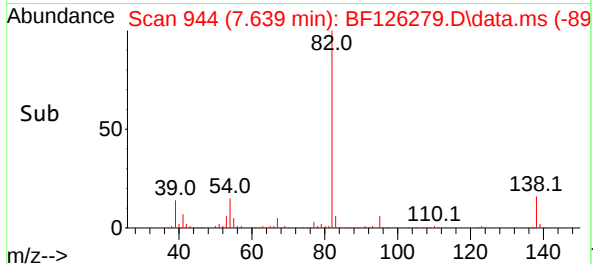
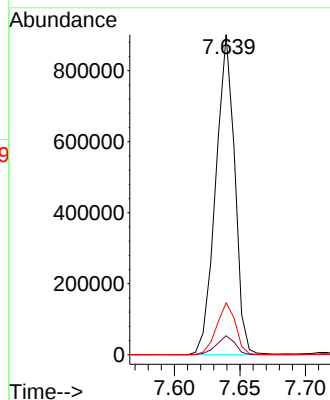
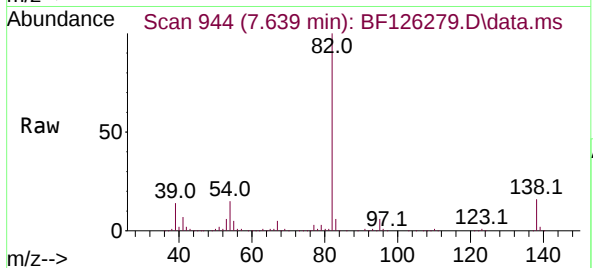




#25
Isophorone
Concen: 47.733 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

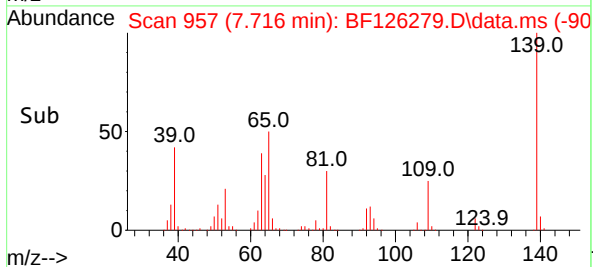
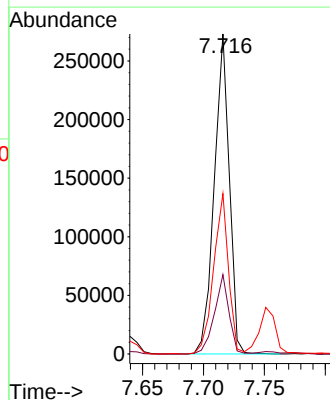
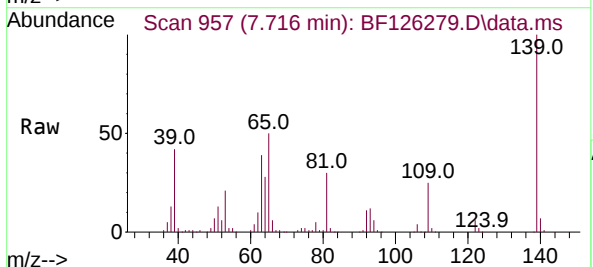
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

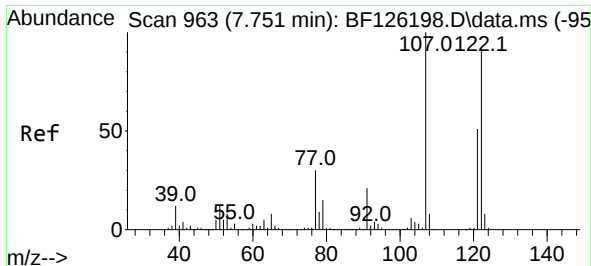
Tgt Ion: 82 Resp: 907811
Ion Ratio Lower Upper
82 100
95 5.9 6.5 9.7#
138 16.2 18.4 27.6#



#26
2-Nitrophenol
Concen: 51.590 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:139 Resp: 233819
Ion Ratio Lower Upper
139 100
109 24.8 26.0 39.0#
65 50.1 31.0 46.4#

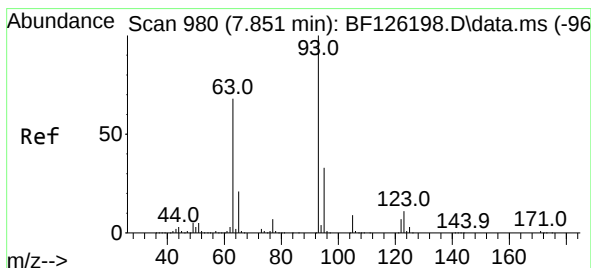
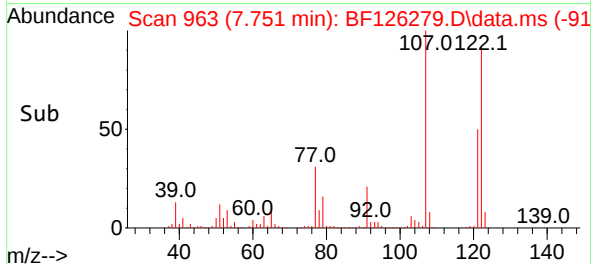
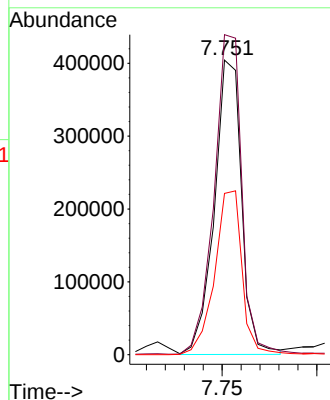
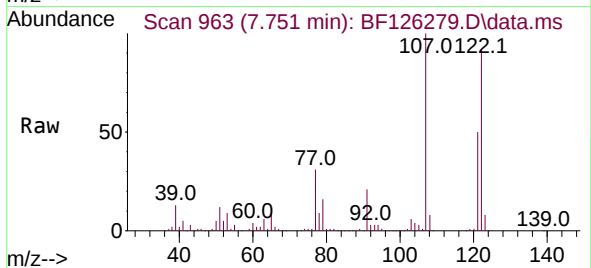




#27
2,4-Dimethylphenol
Concen: 52.423 ng
RT: 7.751 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

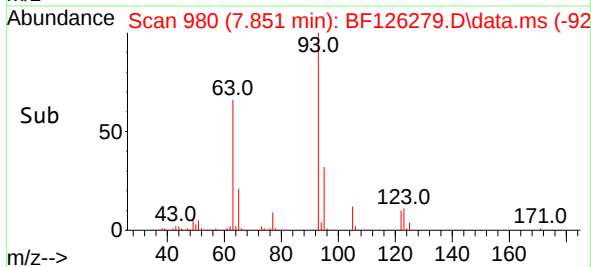
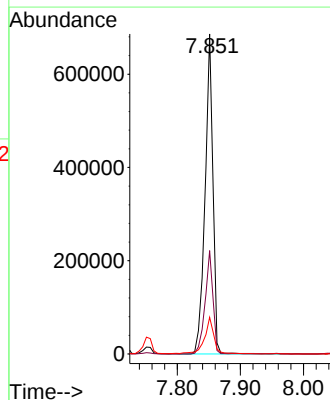
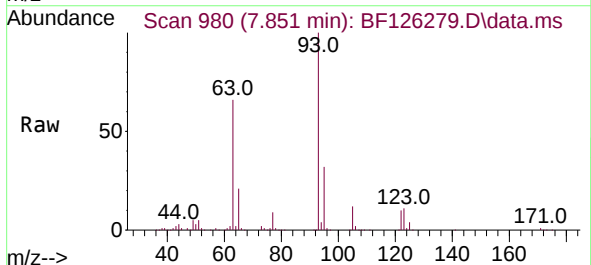
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

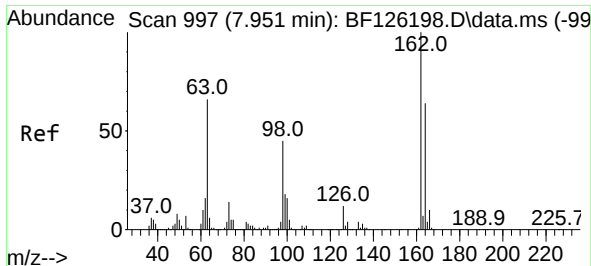
Tgt Ion:122 Resp: 403491
Ion Ratio Lower Upper
122 100
107 108.6 85.0 127.6
121 54.7 43.3 64.9



#28
bis(2-Chloroethoxy)methane
Concen: 47.622 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion: 93 Resp: 595471
Ion Ratio Lower Upper
93 100
95 32.3 26.1 39.1
123 11.4 11.7 17.5#

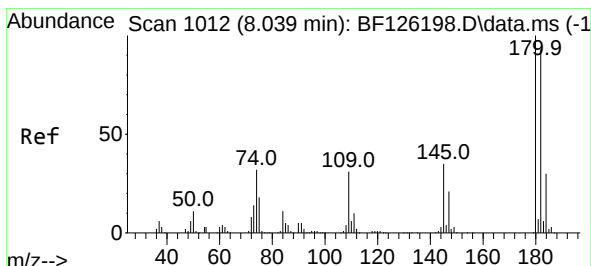
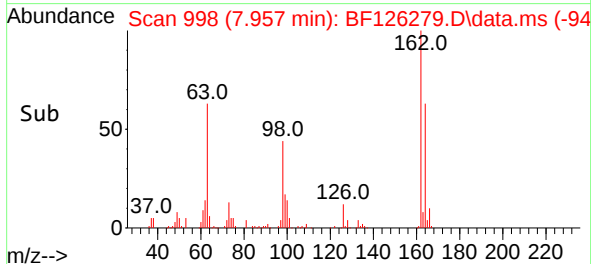
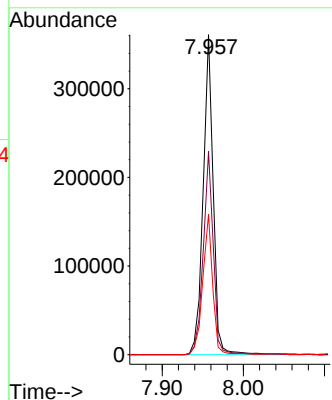
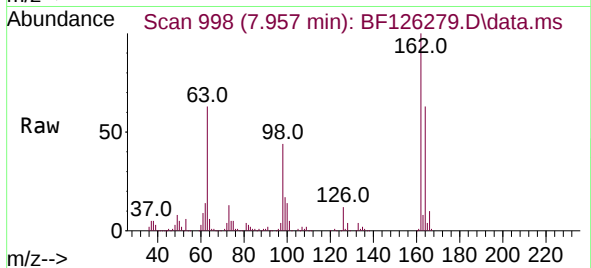




#29
2,4-Dichlorophenol
Concen: 45.893 ng
RT: 7.957 min Scan# 998
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

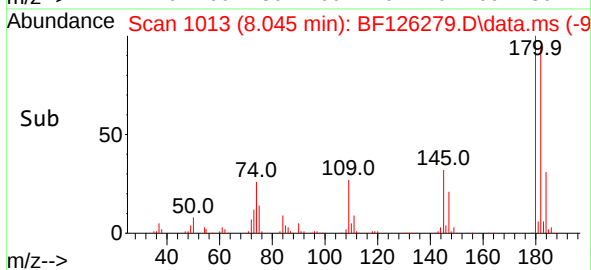
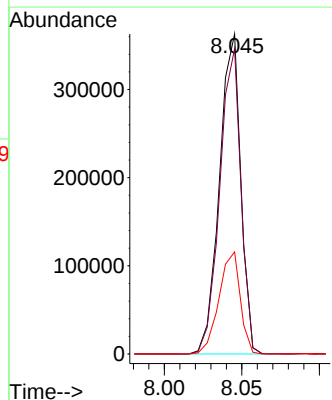
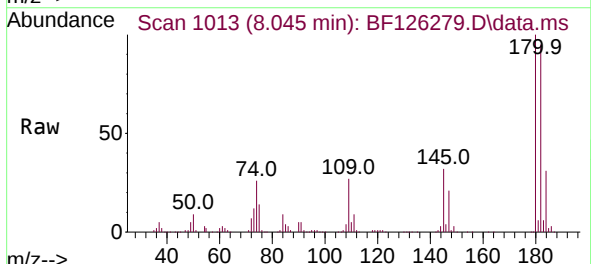
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

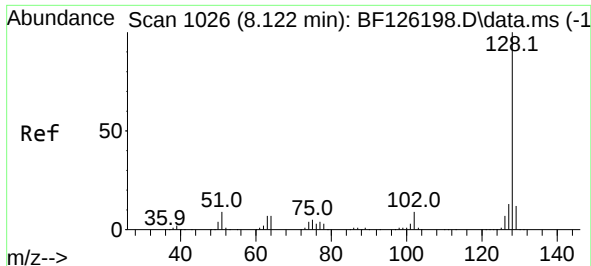
Tgt Ion:162 Resp: 313983
Ion Ratio Lower Upper
162 100
164 63.5 44.5 84.5
98 43.9 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 48.996 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:180 Resp: 346736
Ion Ratio Lower Upper
180 100
182 95.4 76.8 115.2
145 31.9 26.7 40.1

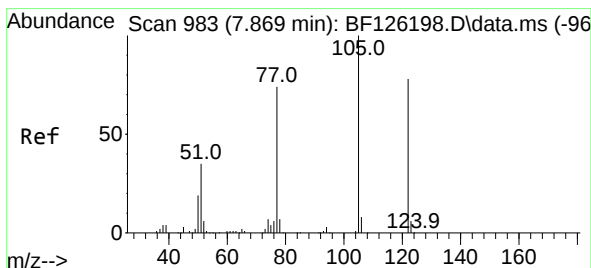
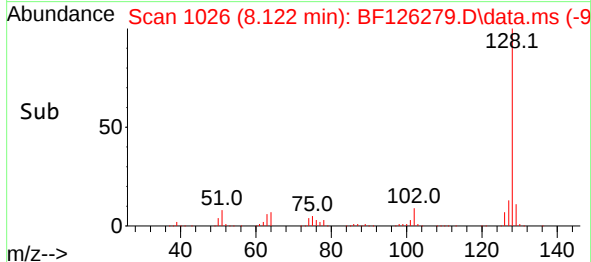
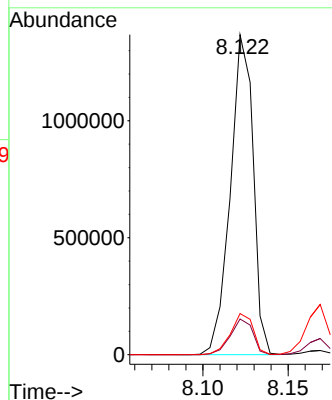
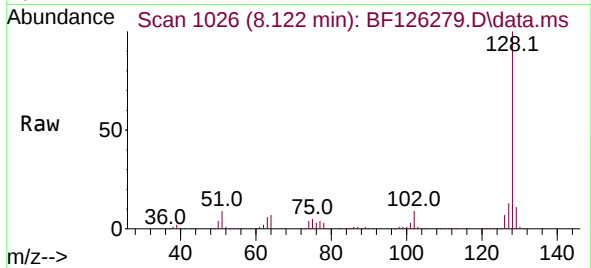




#31
Naphthalene
Concen: 49.913 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

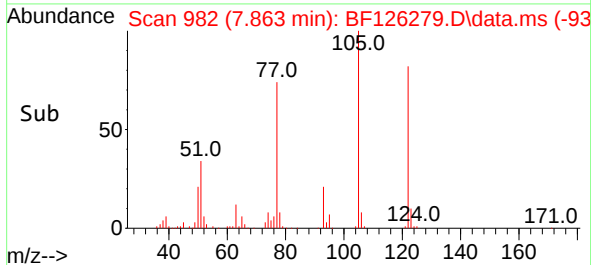
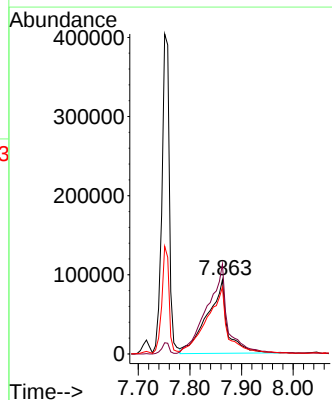
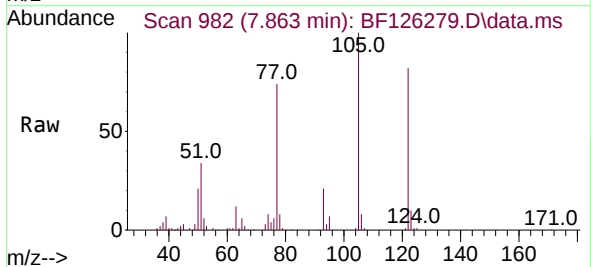
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

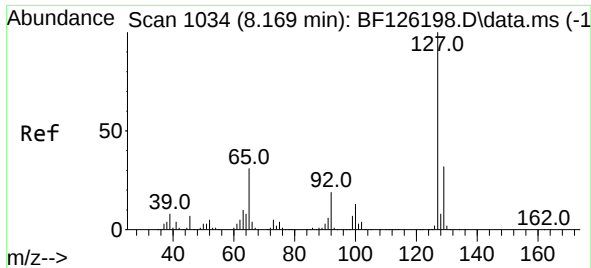
Tgt Ion:128 Resp: 1273194
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 38.520 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:122 Resp: 255418
Ion Ratio Lower Upper
122 100
105 121.4 97.6 137.6
77 90.4 59.6 99.6

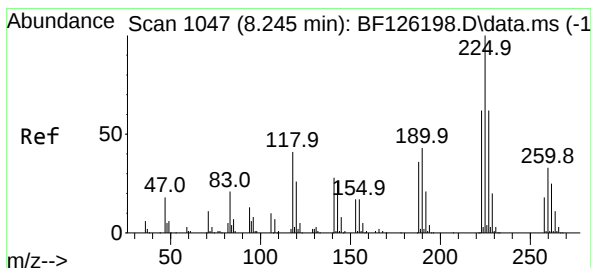
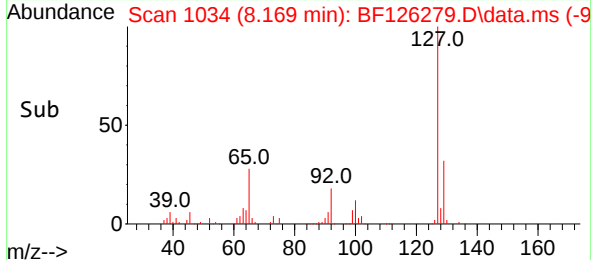
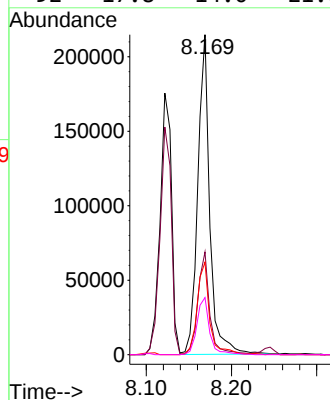
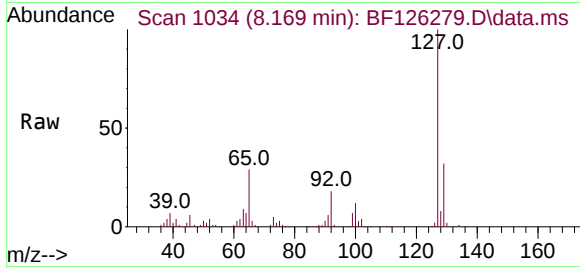




#33
4-Chloroaniline
Concen: 19.711 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

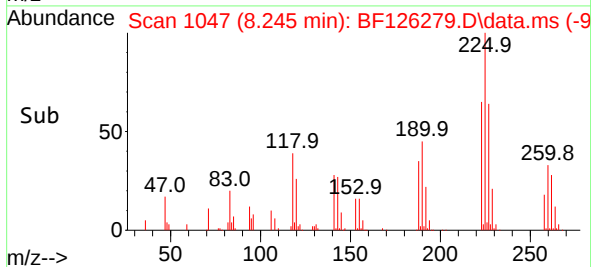
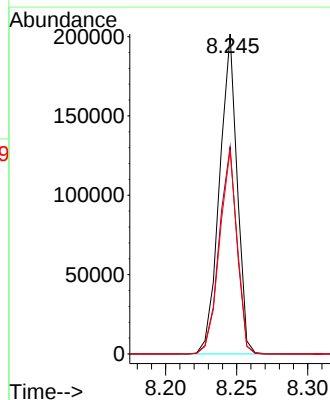
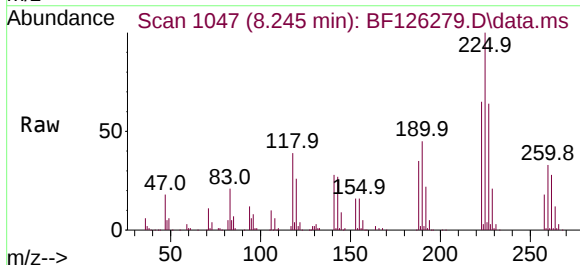
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

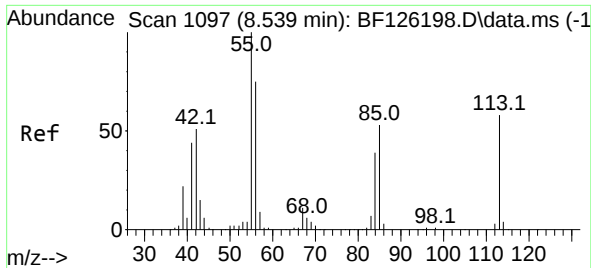
Tgt	Ion:127	Resp:	209931
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	28.9	21.2	31.8
92	17.8	14.0	21.0



#34
Hexachlorobutadiene
Concen: 49.883 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt	Ion:225	Resp:	173375
Ion	Ratio	Lower	Upper
225	100		
223	64.8	50.6	76.0
227	63.8	50.6	75.8

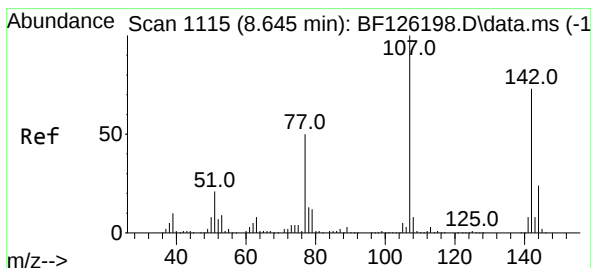
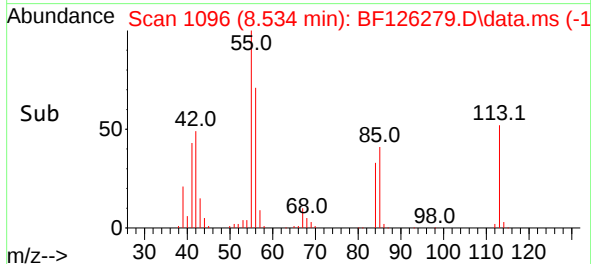
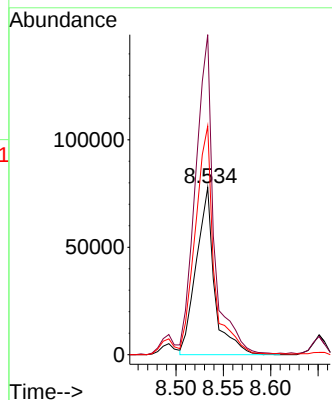
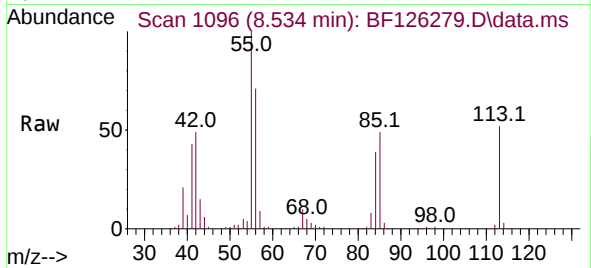




#35
Caprolactam
Concen: 61.825 ng
RT: 8.534 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

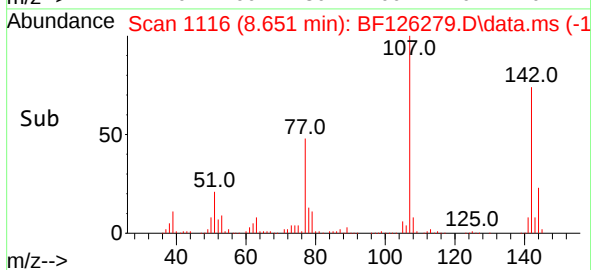
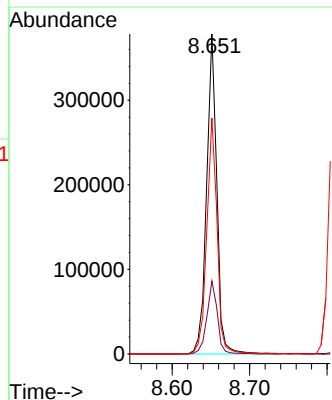
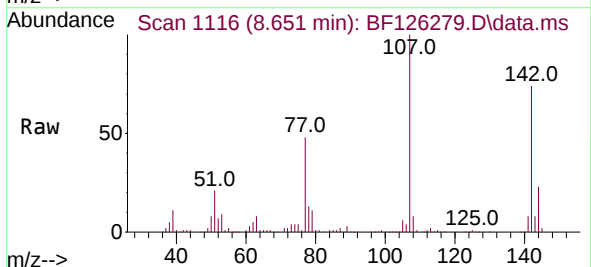
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

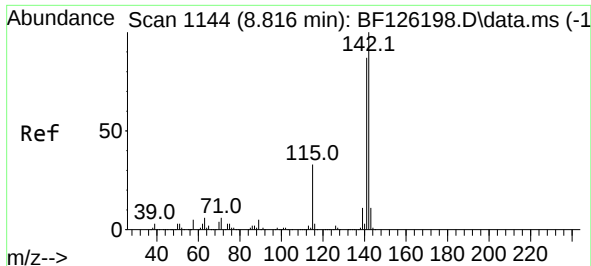
Tgt Ion:113 Resp: 105123
Ion Ratio Lower Upper
113 100
55 191.4 154.1 194.1
56 136.8 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 42.984 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:107 Resp: 346898
Ion Ratio Lower Upper
107 100
144 22.8 21.9 32.9
142 73.7 67.1 100.7





#37

2-Methylnaphthalene

Concen: 48.074 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

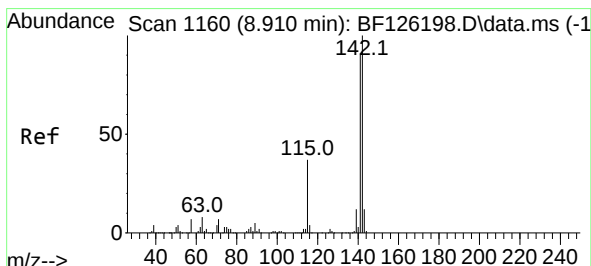
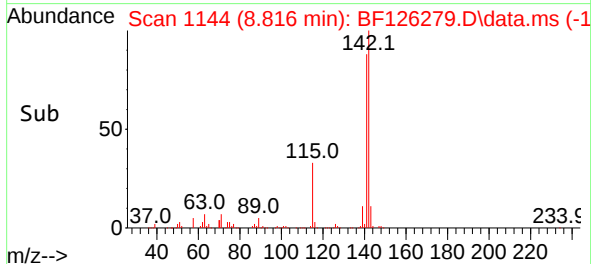
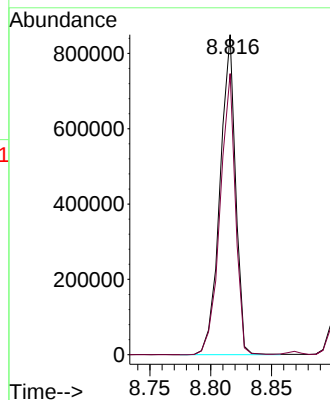
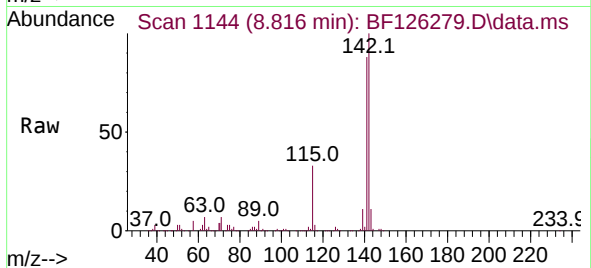
NB-8-121721MSD

Tgt Ion:142 Resp: 755183

Ion Ratio Lower Upper

142 100

141 87.8 71.2 106.8



#38

1-Methylnaphthalene

Concen: 45.016 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126279.D

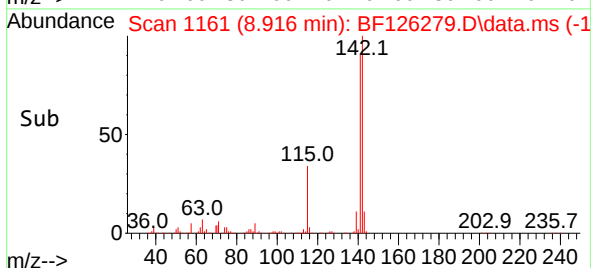
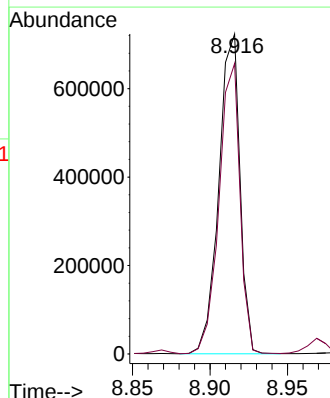
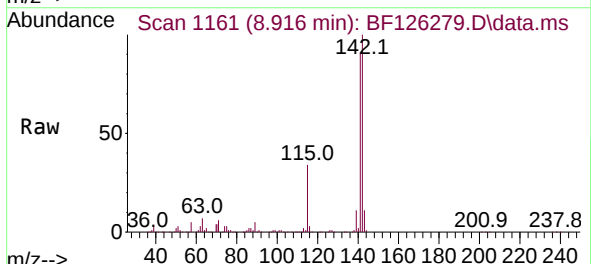
Acq: 20 Dec 2021 15:35

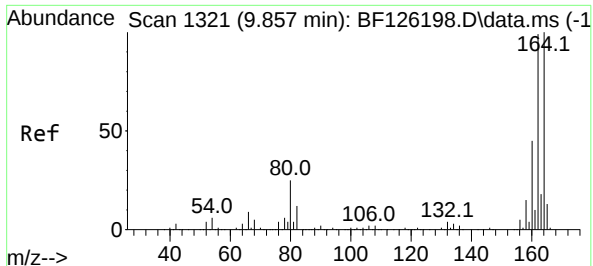
Tgt Ion:142 Resp: 686253

Ion Ratio Lower Upper

142 100

141 90.8 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

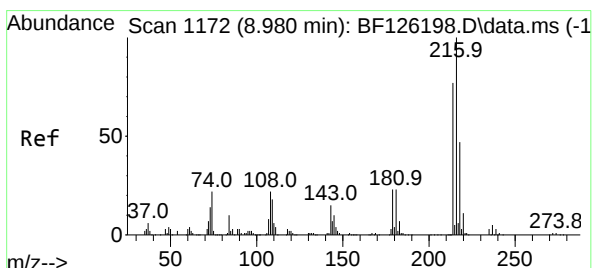
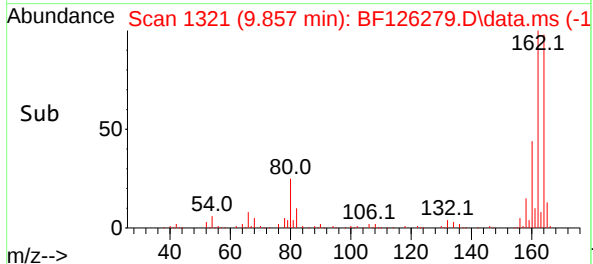
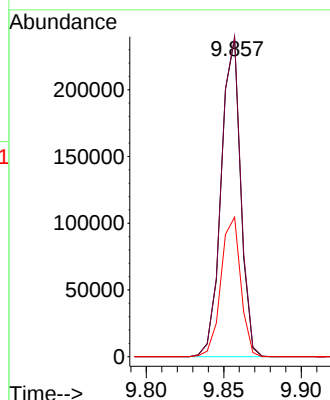
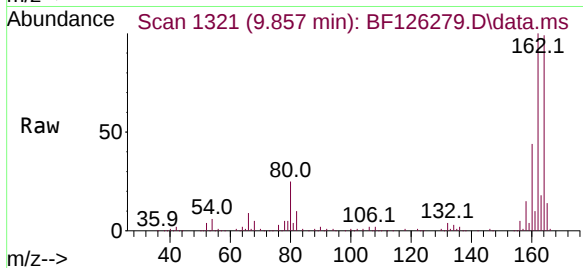
Tgt Ion:164 Resp: 207588

Ion Ratio Lower Upper

164 100

162 100.6 81.3 121.9

160 43.9 38.0 57.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.699 ng

RT: 8.981 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Tgt Ion:216 Resp: 254029

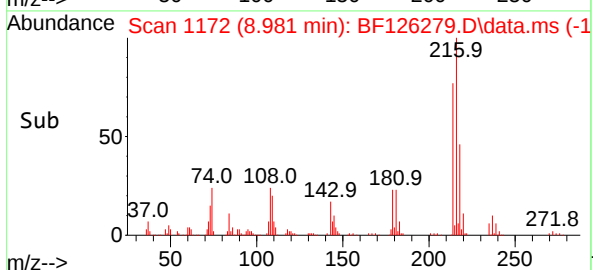
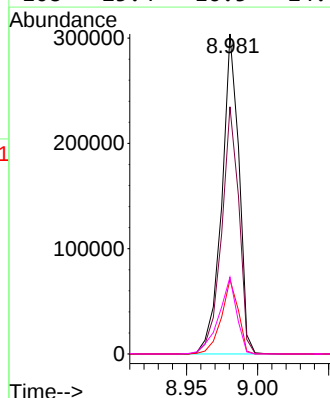
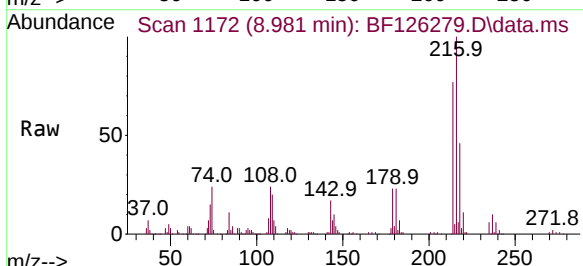
Ion Ratio Lower Upper

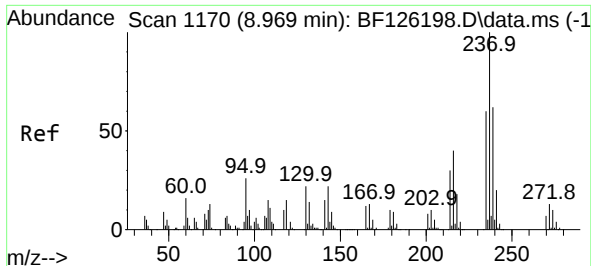
216 100

214 77.8 64.9 97.3

179 23.0 17.4 26.2

108 25.4 16.5 24.7#

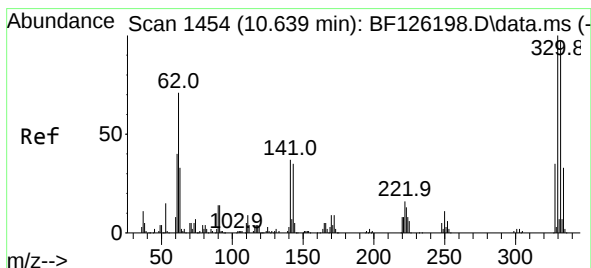
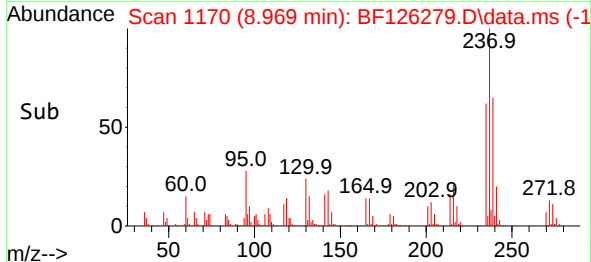
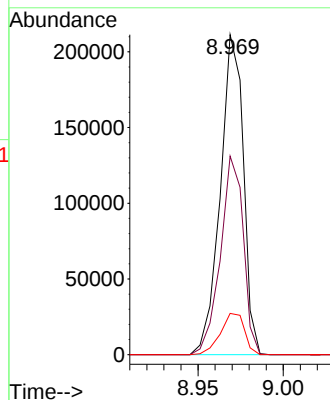
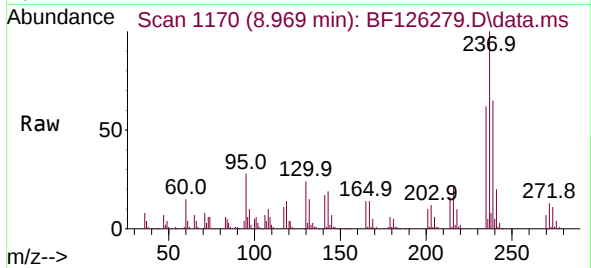




#41
Hexachlorocyclopentadiene
Concen: 77.588 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

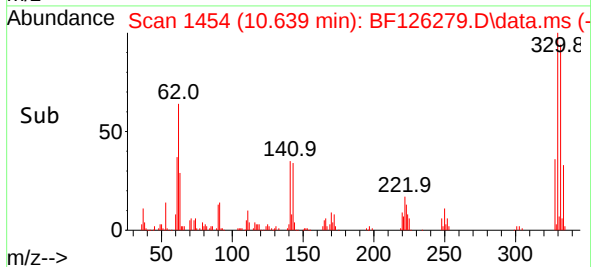
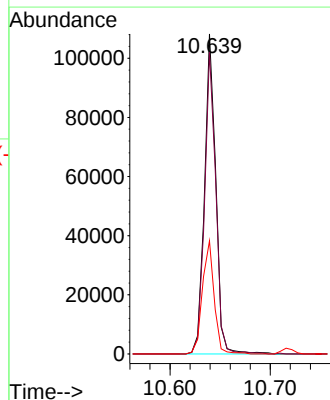
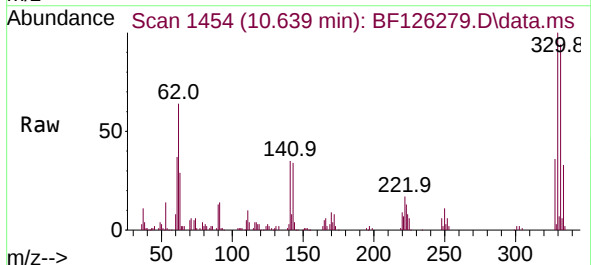
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

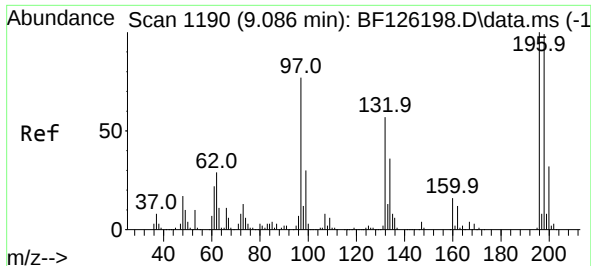
Tgt Ion:237 Resp: 199062
Ion Ratio Lower Upper
237 100
235 62.1 44.7 84.7
272 12.9 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 50.854 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:330 Resp: 84838
Ion Ratio Lower Upper
330 100
332 94.0 76.2 114.4
141 36.9 44.6 66.8#





#43

2,4,6-Trichlorophenol

Concen: 47.979 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

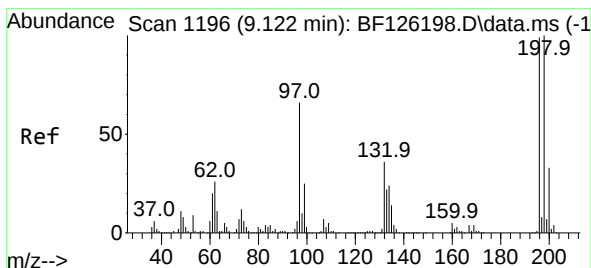
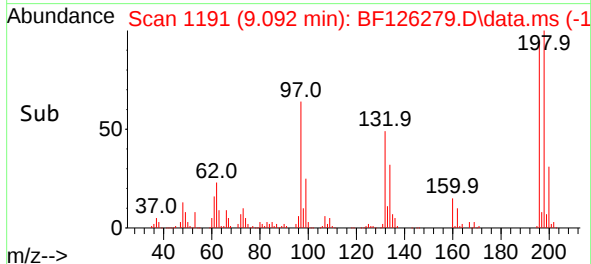
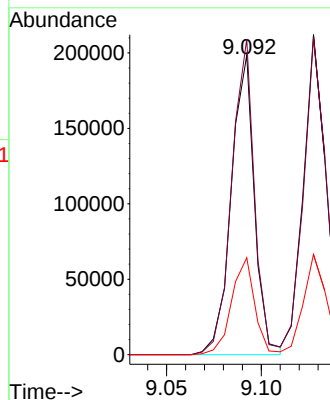
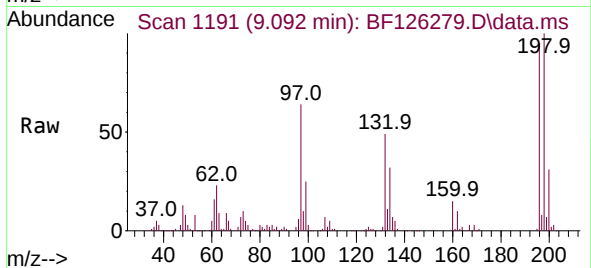
Tgt Ion:196 Resp: 169099

Ion Ratio Lower Upper

196 100

198 105.4 74.9 112.3

200 32.4 27.0 40.4



#44

2,4,5-Trichlorophenol

Concen: 49.827 ng

RT: 9.128 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Tgt Ion:196 Resp: 181859

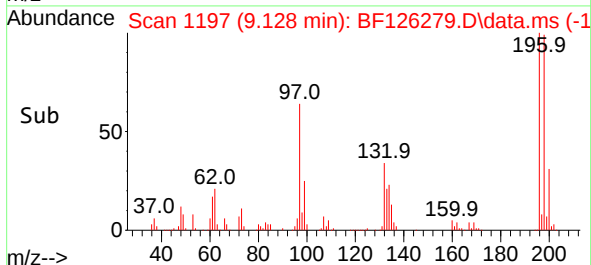
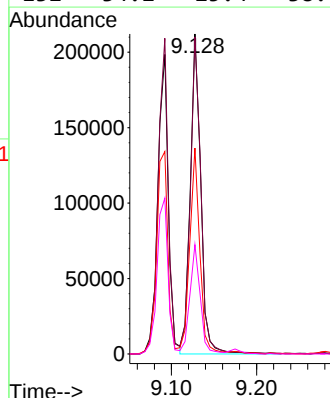
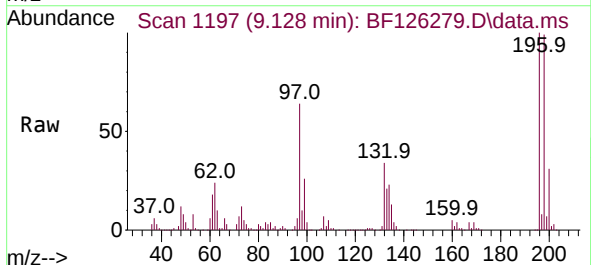
Ion Ratio Lower Upper

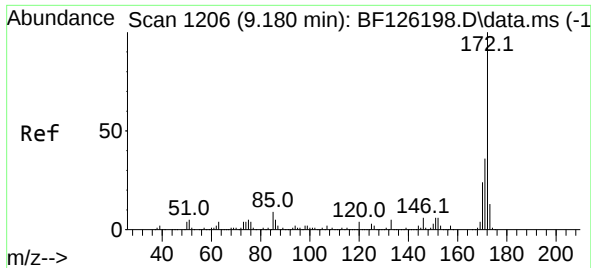
196 100

198 99.1 80.2 120.2

97 64.3 44.0 66.0

132 34.2 25.4 38.0

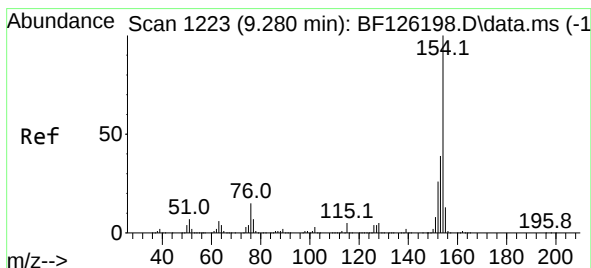
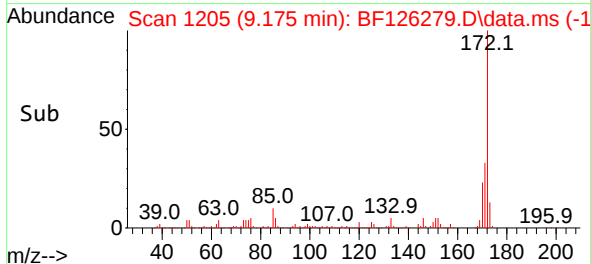
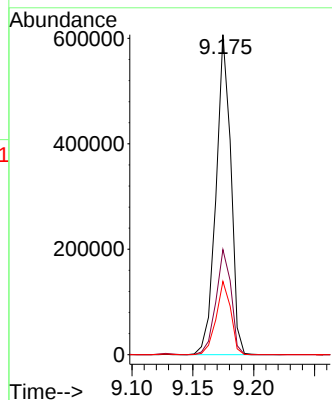
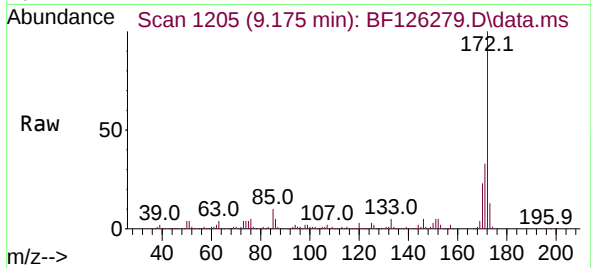




#45
2-Fluorobiphenyl
Concen: 43.280 ng
RT: 9.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

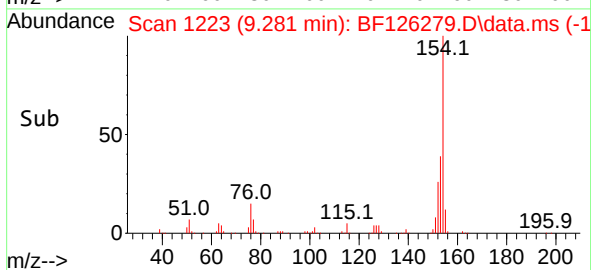
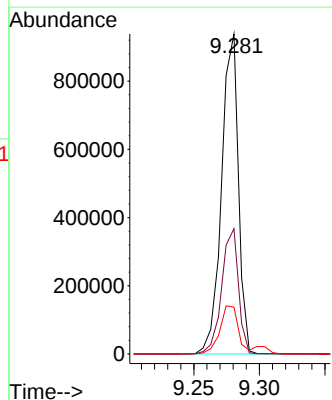
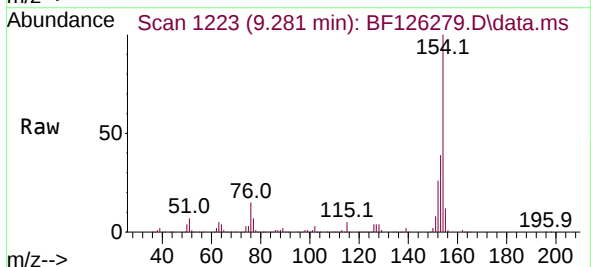
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

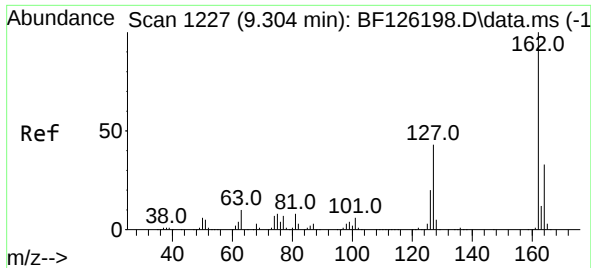
Tgt Ion:172 Resp: 512254
Ion Ratio Lower Upper
172 100
171 32.9 26.5 39.7
170 22.9 18.8 28.2



#46
1,1'-Biphenyl
Concen: 54.415 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:154 Resp: 835227
Ion Ratio Lower Upper
154 100
153 39.2 20.0 60.0
76 14.6 0.0 30.3





#47

2-Chloronaphthalene

Concen: 52.077 ng

RT: 9.304 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

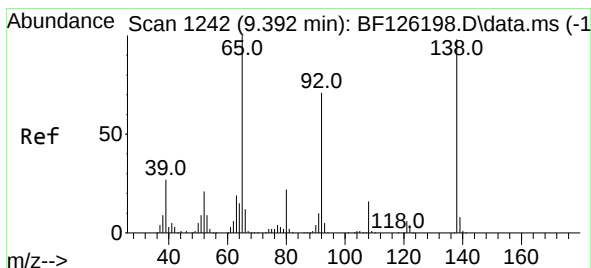
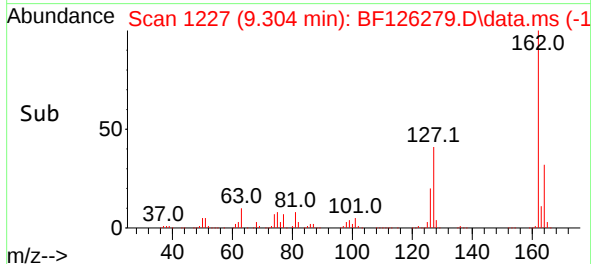
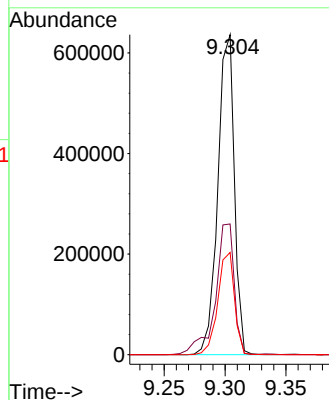
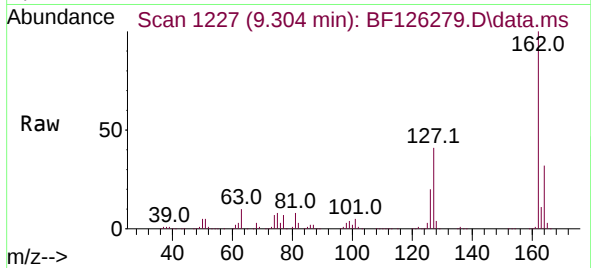
Tgt Ion:162 Resp: 601411

Ion Ratio Lower Upper

162 100

127 40.8 33.0 49.4

164 31.9 25.8 38.8



#48

2-Nitroaniline

Concen: 50.951 ng

RT: 9.392 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

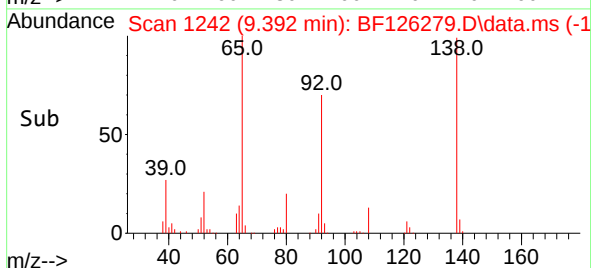
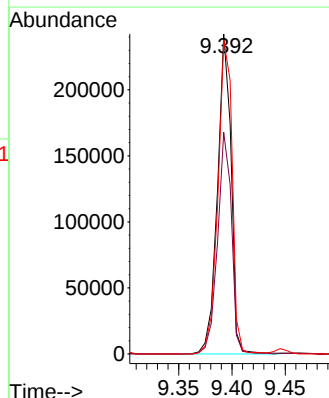
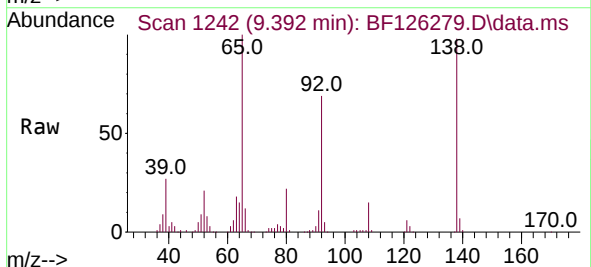
Tgt Ion: 65 Resp: 214770

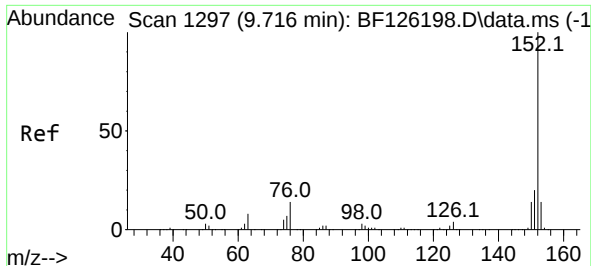
Ion Ratio Lower Upper

65 100

92 69.3 55.5 83.3

138 98.1 93.5 140.3





#49

Acenaphthylene

Concen: 51.240 ng

RT: 9.716 min Scan# 1297

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

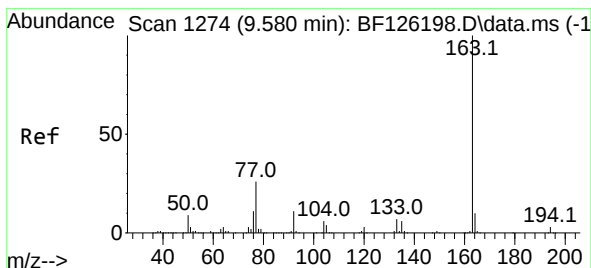
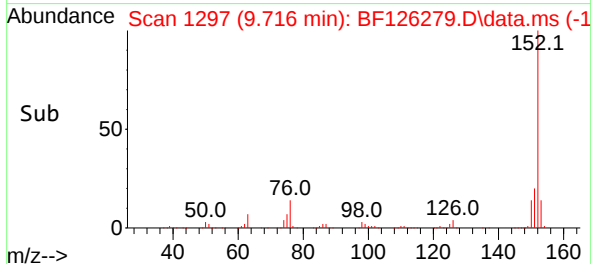
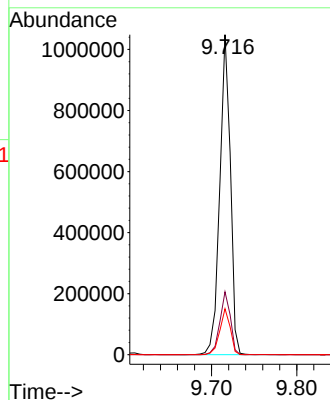
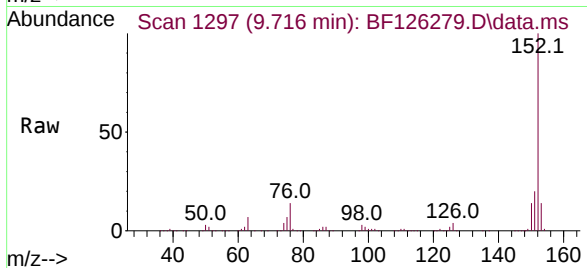
Tgt Ion:152 Resp: 904200

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 14.3 9.8 14.8



#50

Dimethylphthalate

Concen: 49.872 ng

RT: 9.581 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

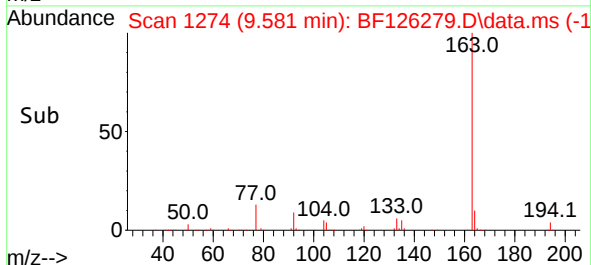
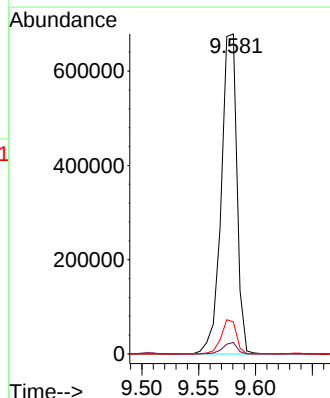
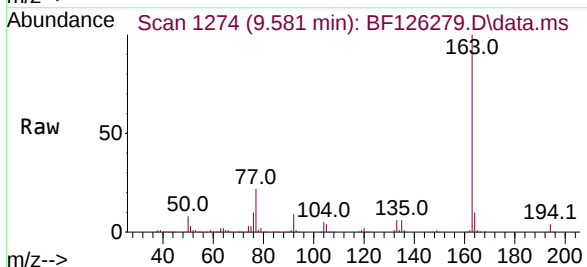
Tgt Ion:163 Resp: 655803

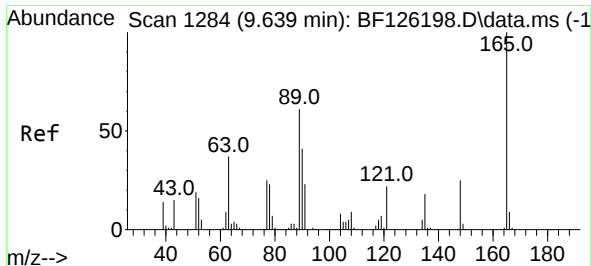
Ion Ratio Lower Upper

163 100

194 3.6 2.6 3.8

164 10.1 7.4 11.0





#51

2,6-Dinitrotoluene

Concen: 49.228 ng

RT: 9.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

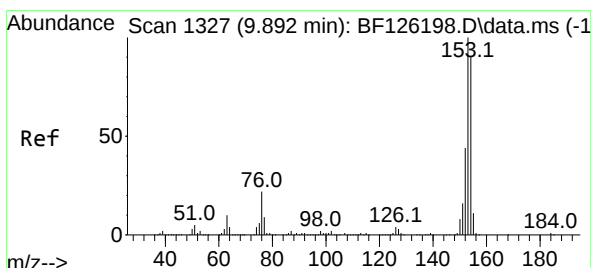
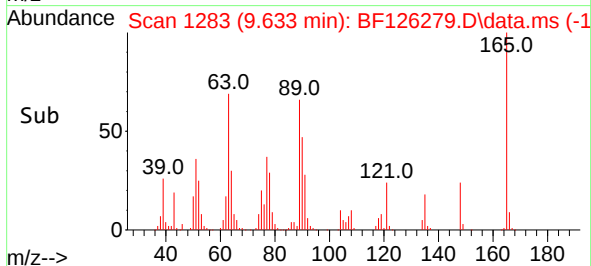
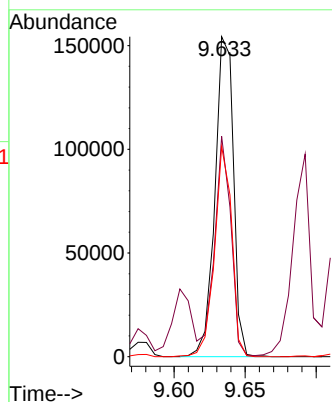
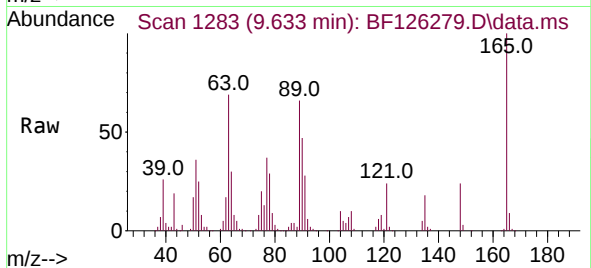
Tgt Ion:165 Resp: 140112

Ion Ratio Lower Upper

165 100

63 68.9 42.6 63.8#

89 65.7 40.6 60.8#



#52

Acenaphthene

Concen: 51.275 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

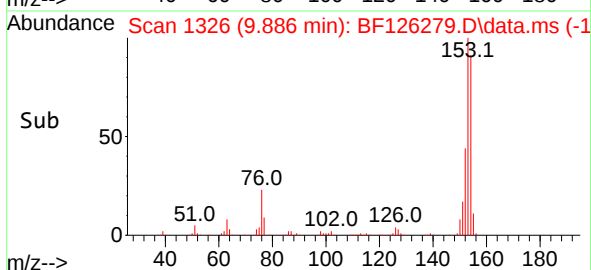
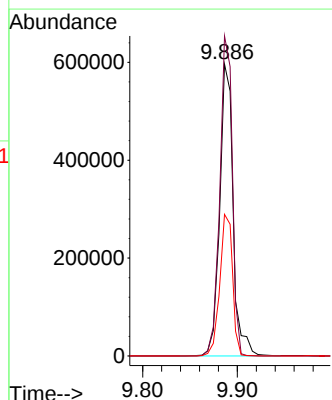
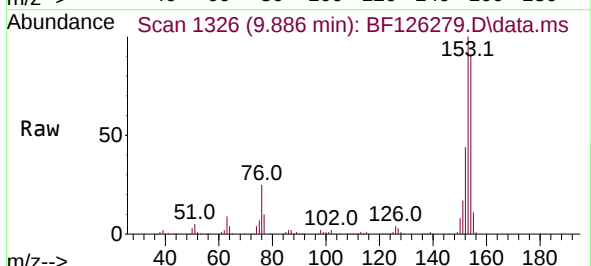
Tgt Ion:154 Resp: 586785

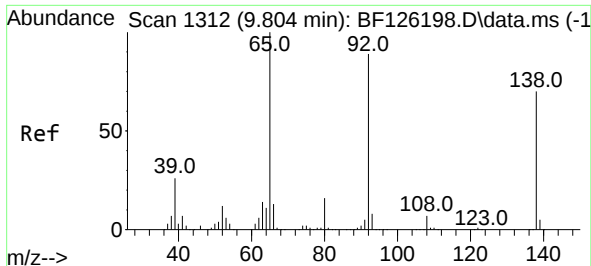
Ion Ratio Lower Upper

154 100

153 109.7 89.4 134.2

152 48.5 40.5 60.7

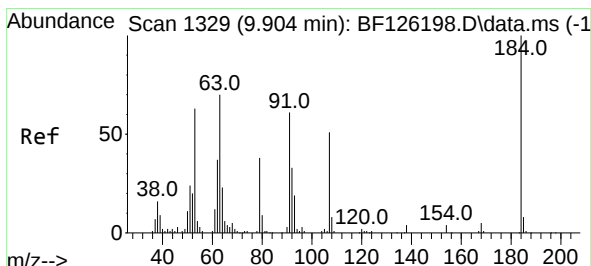
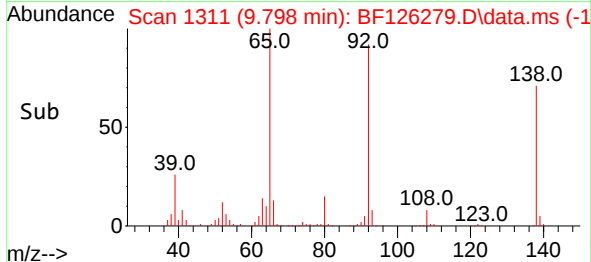
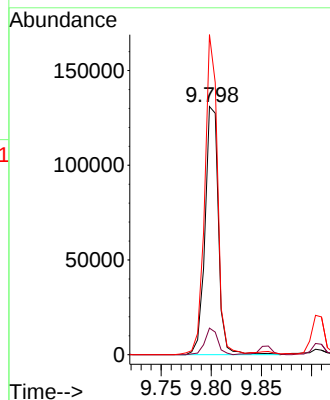
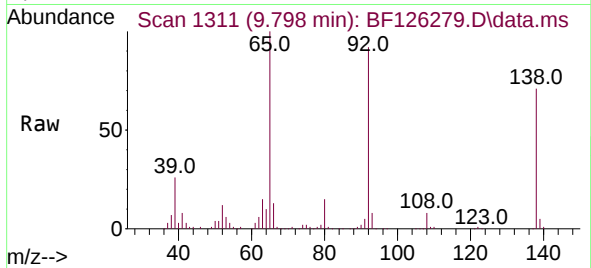




#53
3-Nitroaniline
Concen: 33.928 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

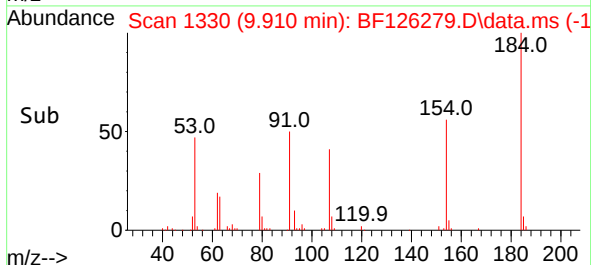
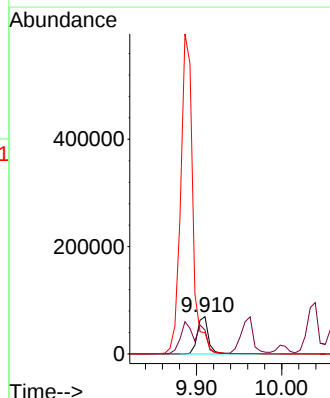
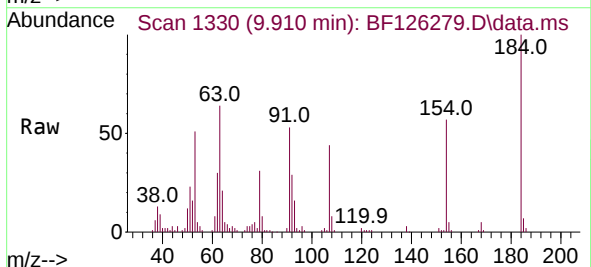
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

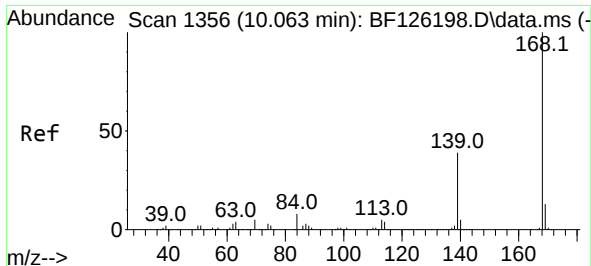
Tgt Ion:138 Resp: 122736
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 128.9 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 54.180 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:184 Resp: 63495
Ion Ratio Lower Upper
184 100
63 64.1 59.3 88.9
154 57.0 68.6 102.8#

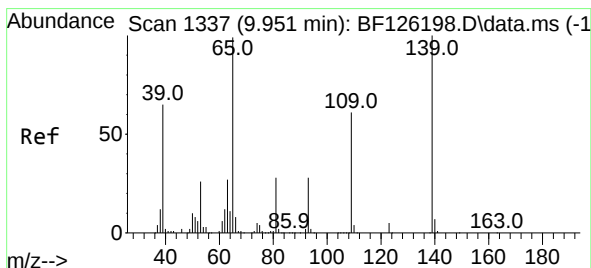
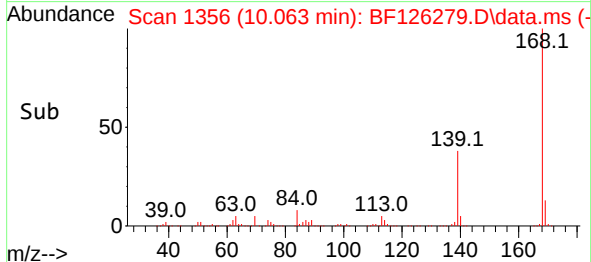
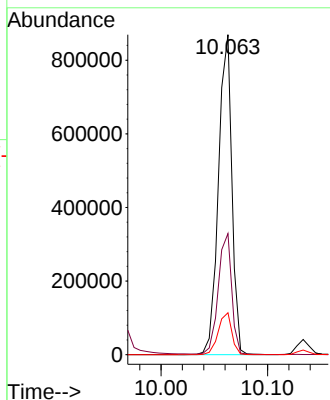
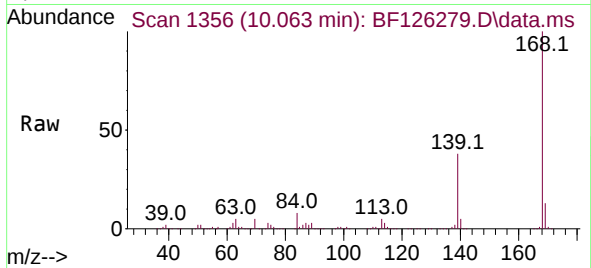




#55
Dibenzofuran
Concen: 48.758 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

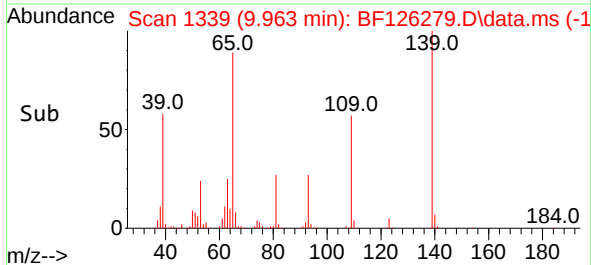
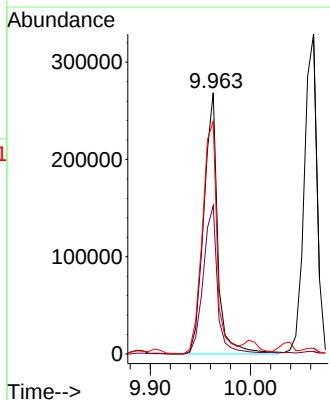
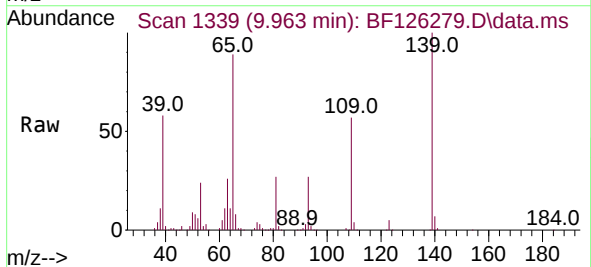
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

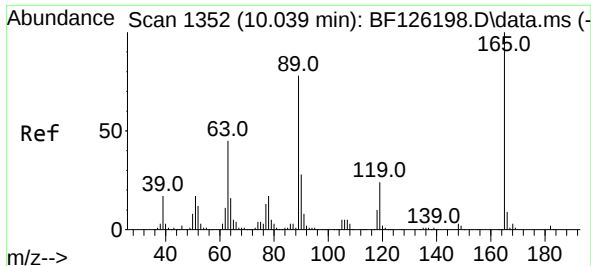
Tgt Ion:168 Resp: 759688
Ion Ratio Lower Upper
168 100
139 37.8 32.7 49.1
169 13.1 11.2 16.8



#56
4-Nitrophenol
Concen: 100.262 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:139 Resp: 261992
Ion Ratio Lower Upper
139 100
109 56.8 60.4 100.4#
65 89.1 58.4 98.4

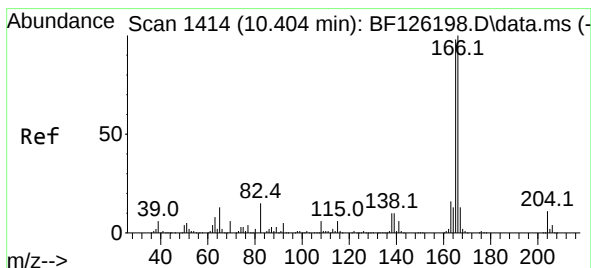
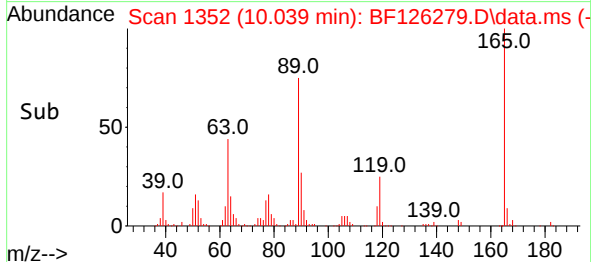
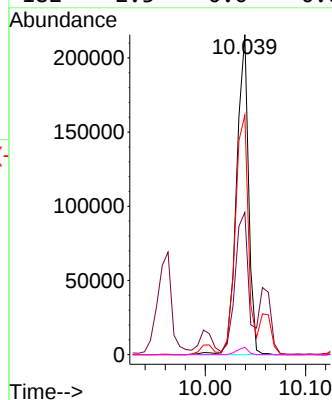
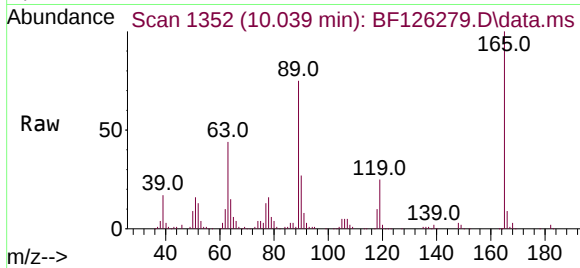




#57
2,4-Dinitrotoluene
Concen: 49.198 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

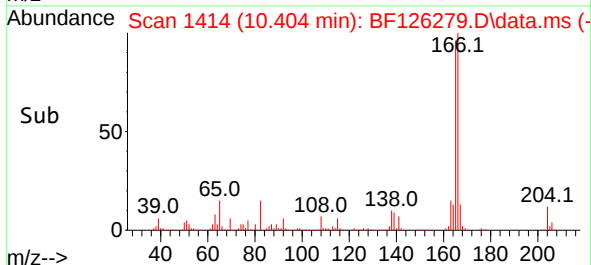
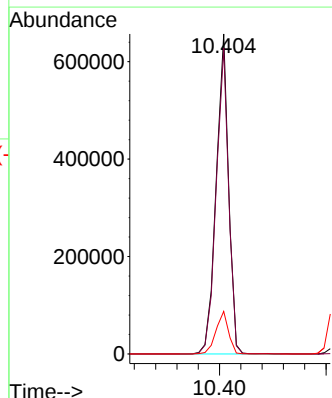
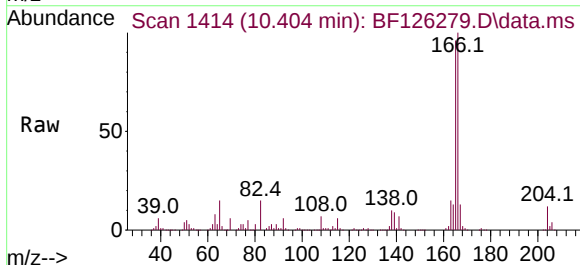
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

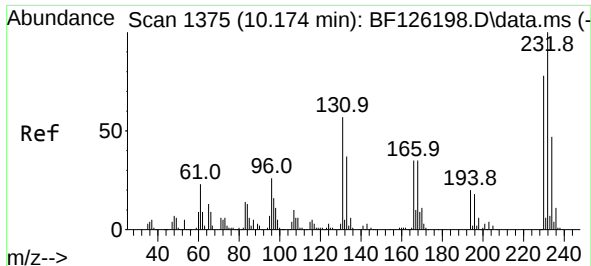
Tgt Ion:165 Resp: 178622
Ion Ratio Lower Upper
165 100
63 44.4 40.9 61.3
89 74.9 59.7 89.5
182 2.3 0.0 0.0#



#58
Fluorene
Concen: 46.925 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:166 Resp: 529294
Ion Ratio Lower Upper
166 100
165 95.6 78.1 117.1
167 13.3 11.1 16.7

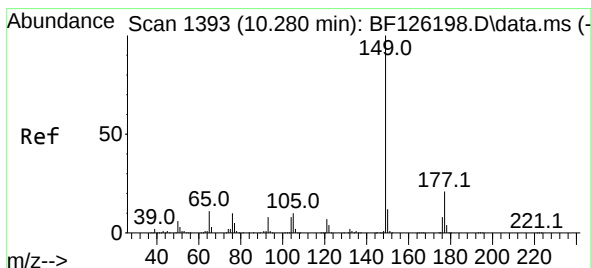
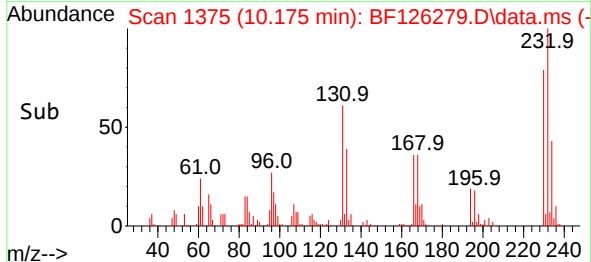
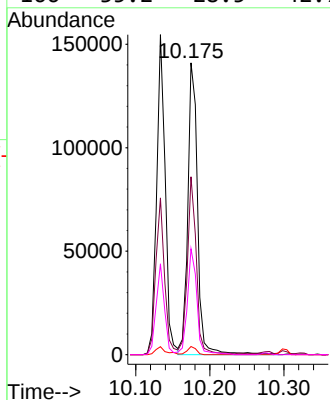
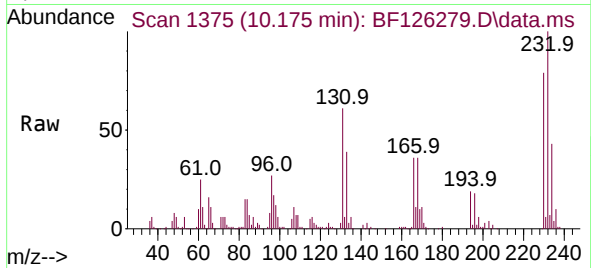




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.768 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

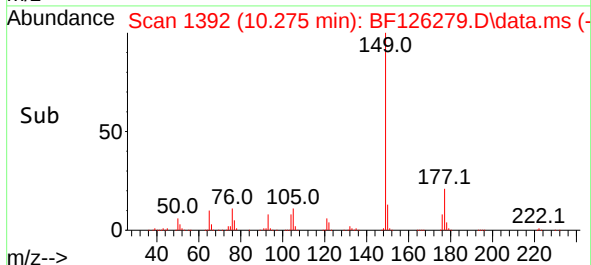
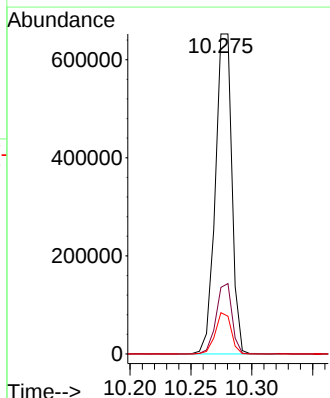
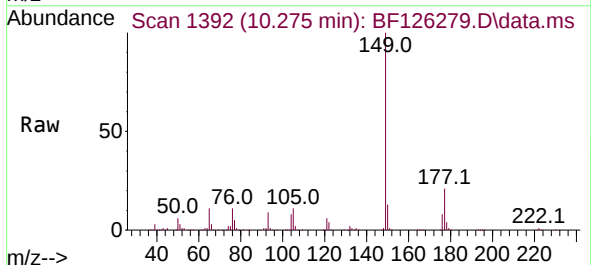
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

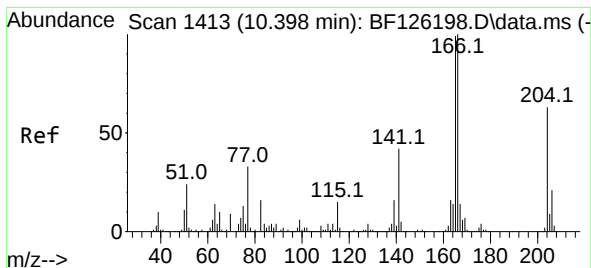
Tgt Ion:232 Resp: 129267
Ion Ratio Lower Upper
232 100
131 55.2 45.4 68.0
130 2.6 0.0 0.0#
166 35.2 28.5 42.7



#60
Diethylphthalate
Concen: 46.824 ng
RT: 10.275 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:149 Resp: 618772
Ion Ratio Lower Upper
149 100
177 20.8 16.5 24.7
150 12.9 10.1 15.1

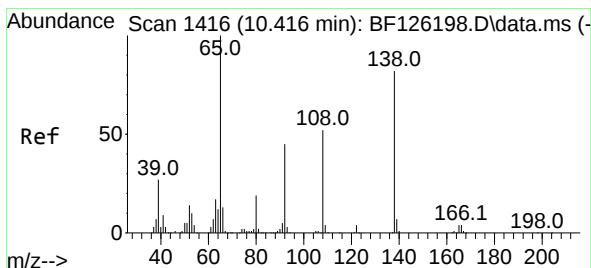
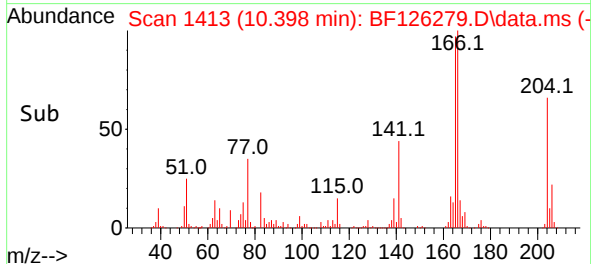
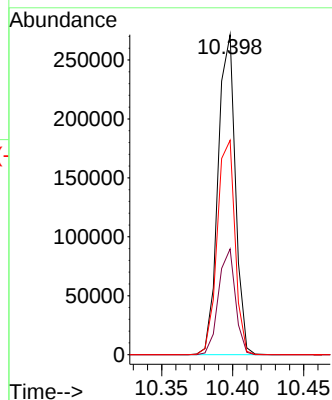
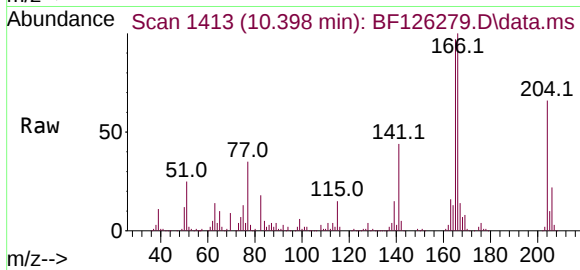




#61
4-Chlorophenyl-phenylether
Concen: 45.209 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

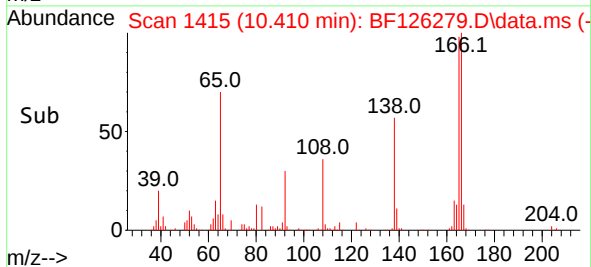
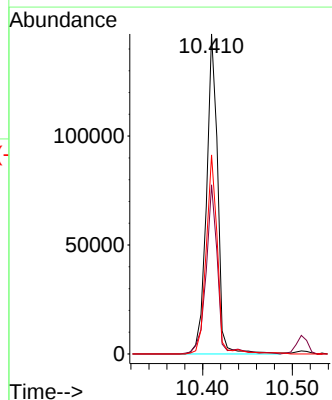
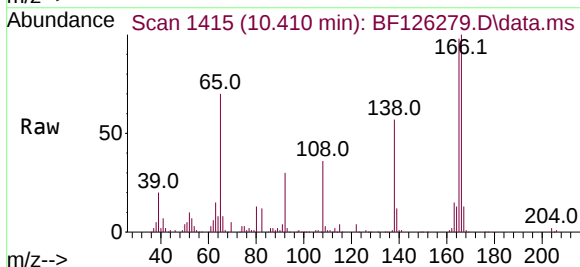
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

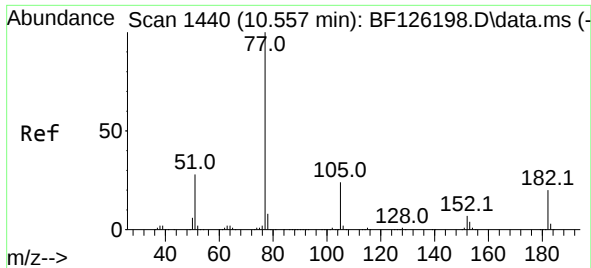
Tgt Ion:204 Resp: 229598
Ion Ratio Lower Upper
204 100
206 33.1 27.6 41.4
141 67.0 58.6 88.0



#62
4-Nitroaniline
Concen: 41.936 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:138 Resp: 127261
Ion Ratio Lower Upper
138 100
92 52.9 29.6 69.6
108 62.2 78.1 118.1#

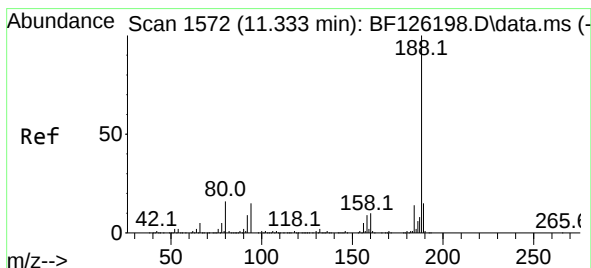
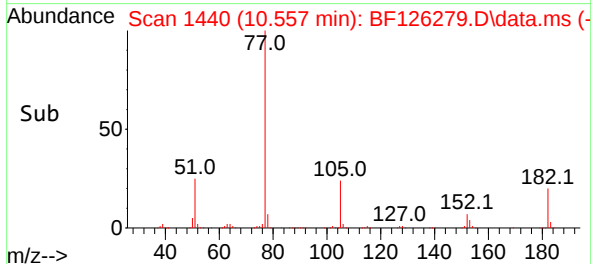
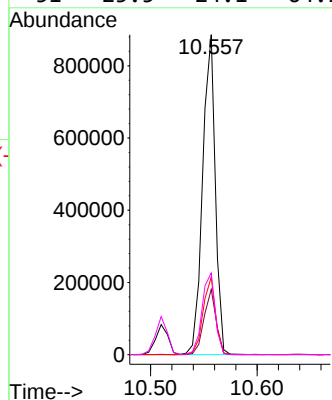
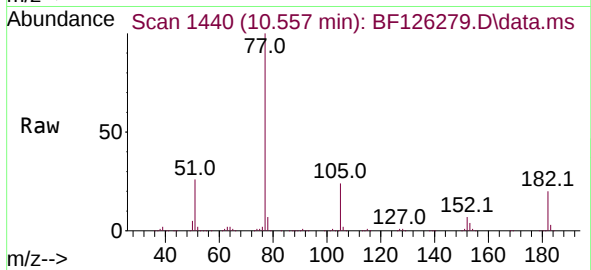




#63
Azobenzene
Concen: 45.912 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

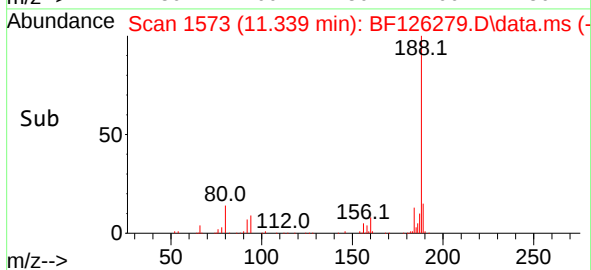
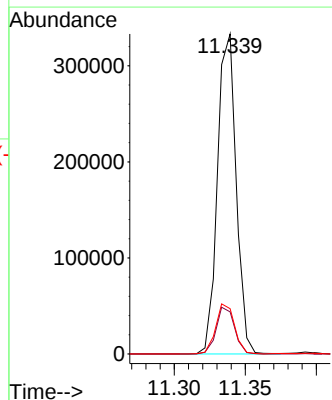
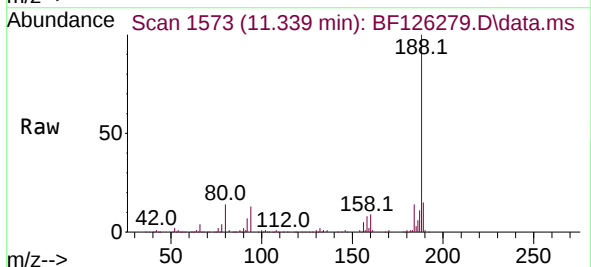
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

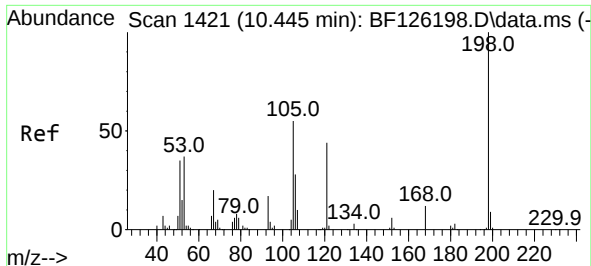
Tgt Ion: 77	Resp: 734870
Ion Ratio	Lower Upper
77 100	
182 20.4	6.3 46.3
105 24.2	2.9 42.9
51 25.5	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:188	Resp: 304768		
Ion Ratio	Lower	Upper	
188 100			
94 13.2	6.7	10.1#	
80 14.2	7.5	11.3#	

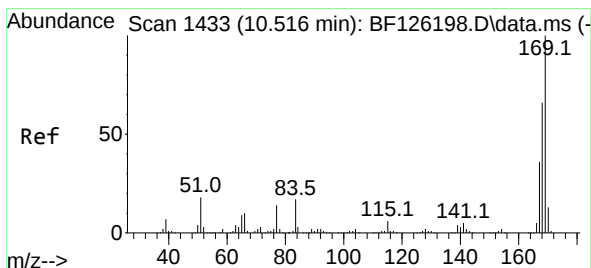
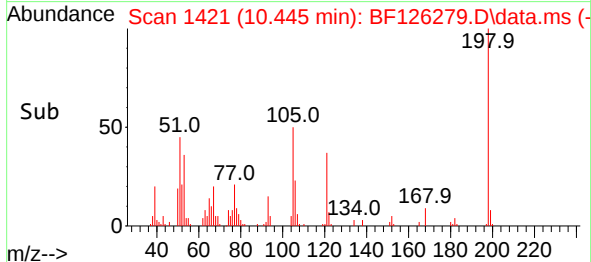
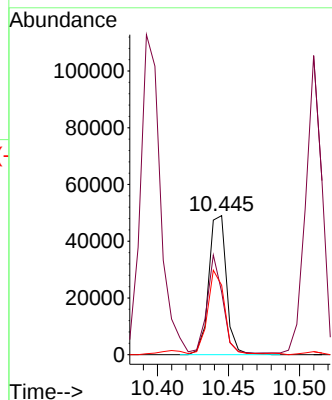
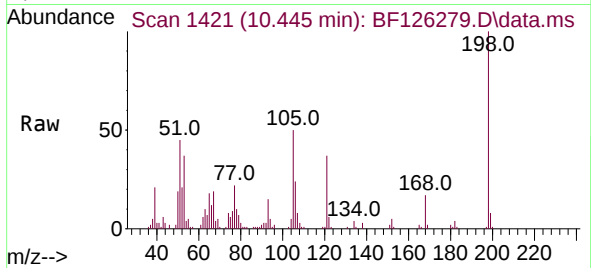




#65
4,6-Dinitro-2-methylphenol
Concen: 25.620 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

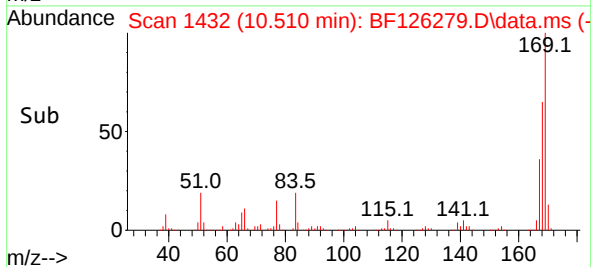
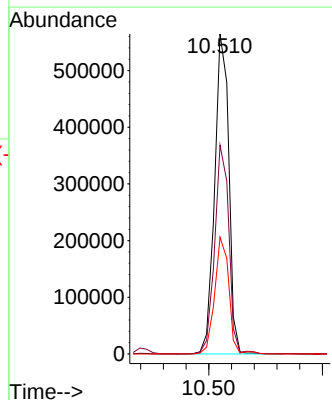
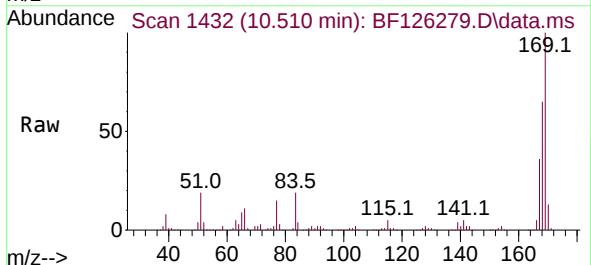
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

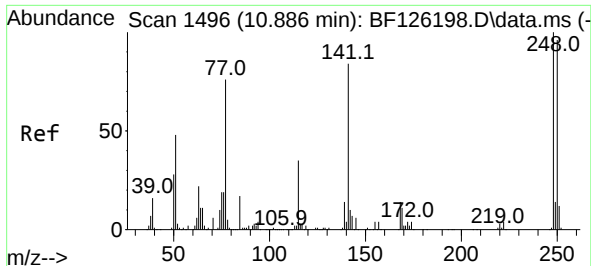
Tgt Ion:198 Resp: 42637
Ion Ratio Lower Upper
198 100
51 45.2 45.3 85.3#
105 50.0 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 49.953 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:169 Resp: 488594
Ion Ratio Lower Upper
169 100
168 65.3 50.8 76.2
167 36.4 28.8 43.2

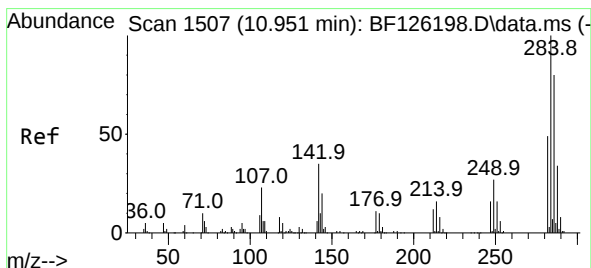
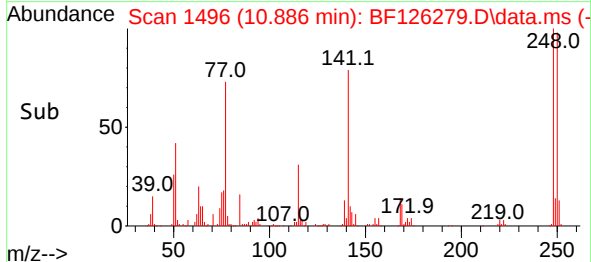
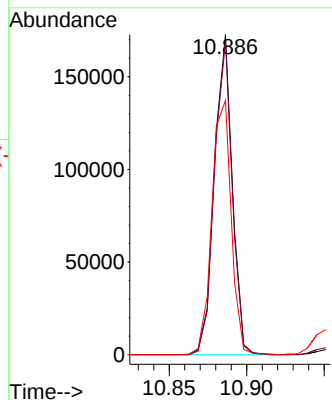
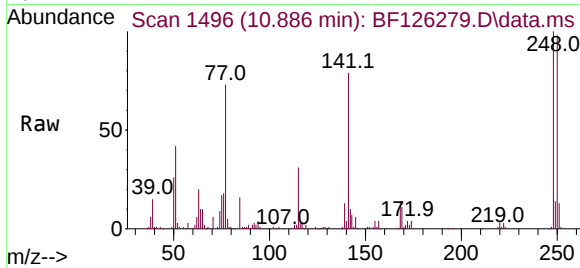




#67
4-Bromophenyl-phenylether
Concen: 48.669 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

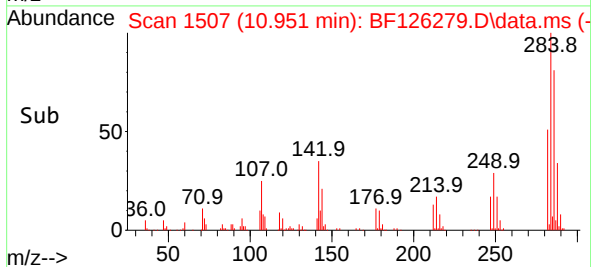
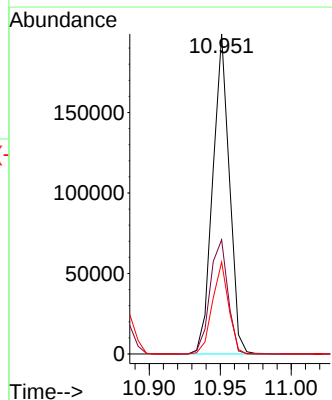
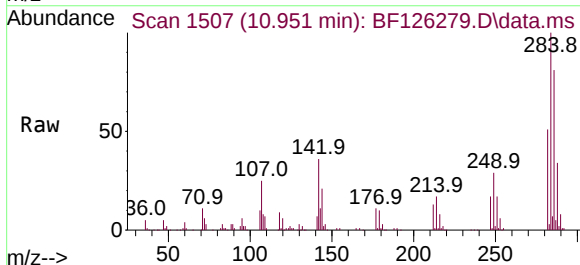
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

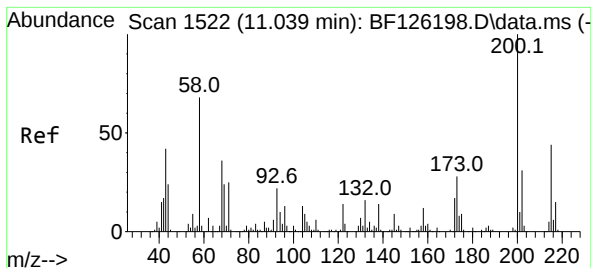
Tgt Ion:248 Resp: 139209
Ion Ratio Lower Upper
248 100
250 97.8 74.2 111.4
141 79.5 60.4 90.6



#68
Hexachlorobenzene
Concen: 49.069 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:284 Resp: 161421
Ion Ratio Lower Upper
284 100
142 35.7 36.4 54.6#
249 28.7 25.6 38.4





#69

Atrazine

Concen: 78.015 ng

RT: 11.039 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

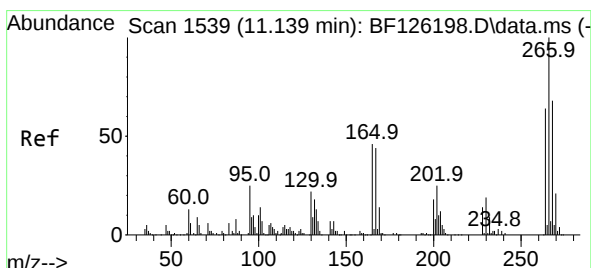
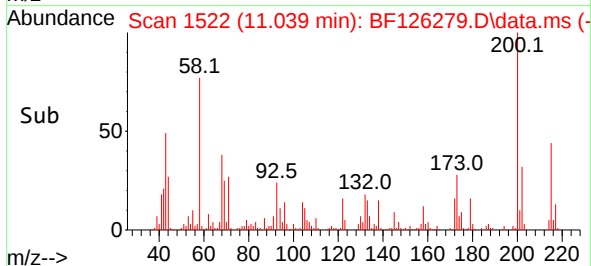
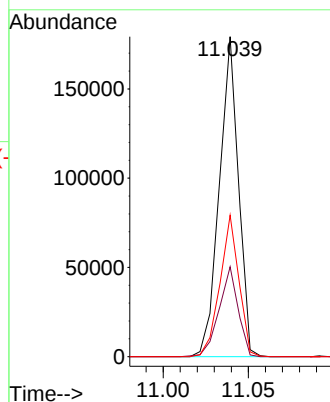
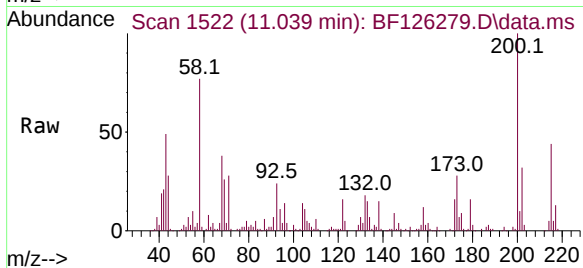
Tgt Ion:200 Resp: 139839

Ion Ratio Lower Upper

200 100

173 28.1 11.1 51.1

215 44.2 22.7 62.7



#70

Pentachlorophenol

Concen: 97.575 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

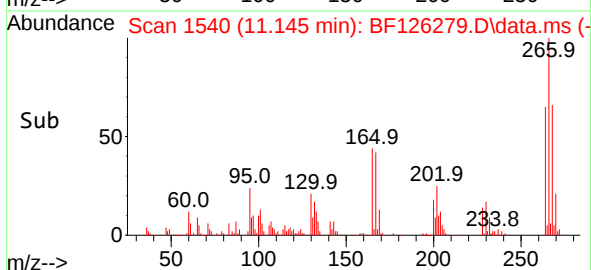
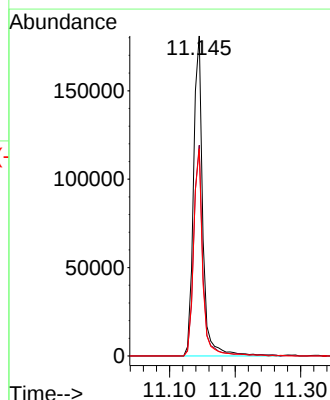
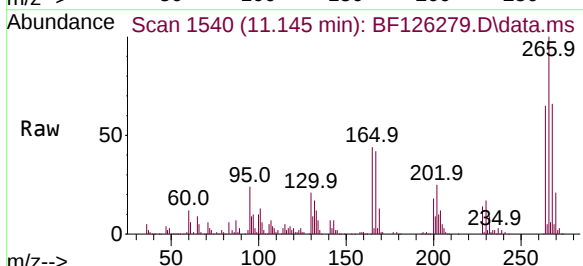
Tgt Ion:266 Resp: 178078

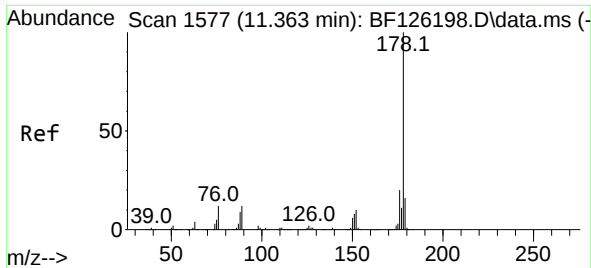
Ion Ratio Lower Upper

266 100

268 65.9 48.9 73.3

264 64.8 55.9 83.9

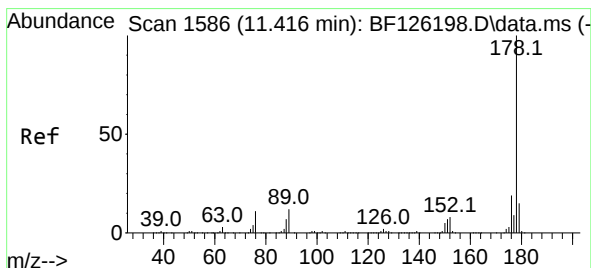
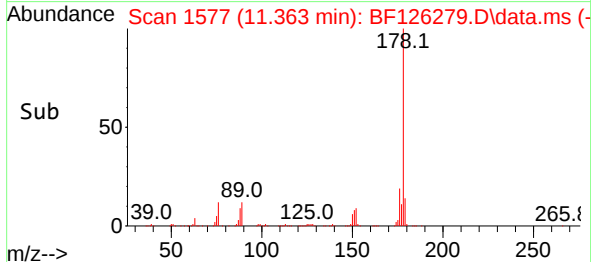
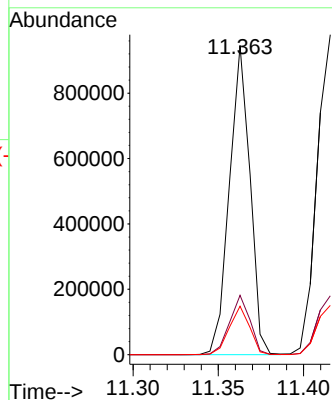
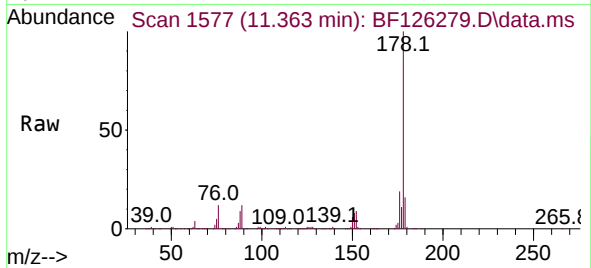




#71
Phenanthrene
Concen: 50.412 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

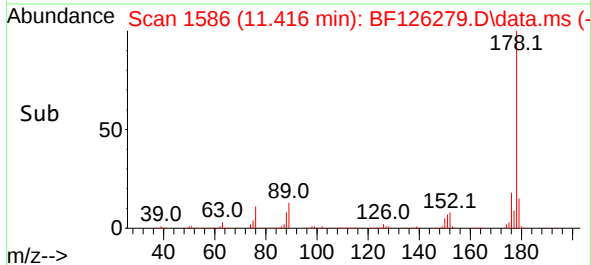
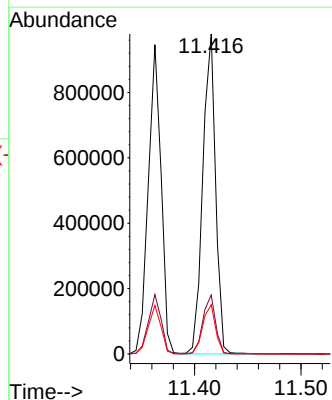
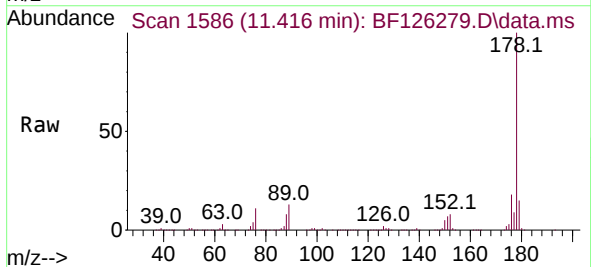
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

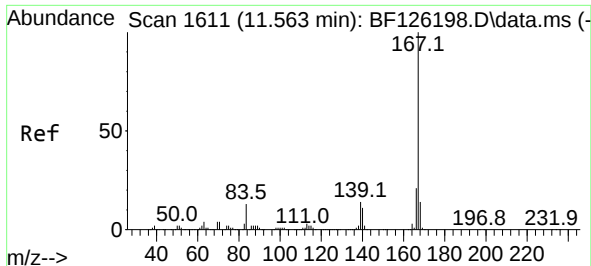
Tgt Ion:178 Resp: 792980
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.7 11.5 17.3



#72
Anthracene
Concen: 51.922 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:178 Resp: 819767
Ion Ratio Lower Upper
178 100
176 18.4 14.3 21.5
179 15.4 12.2 18.4

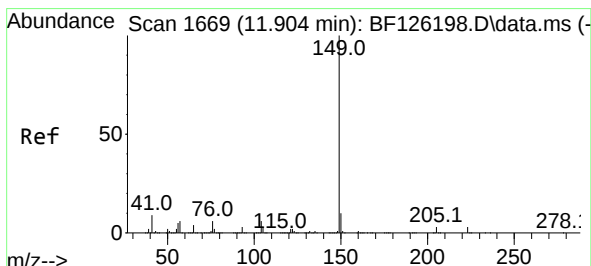
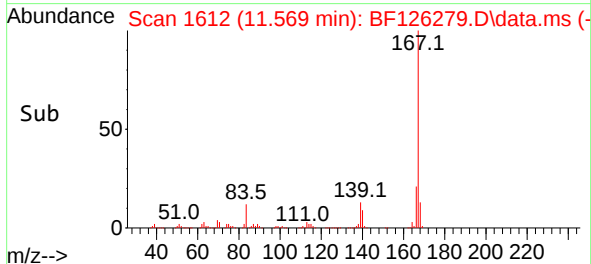
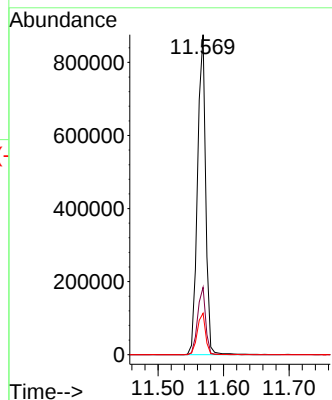
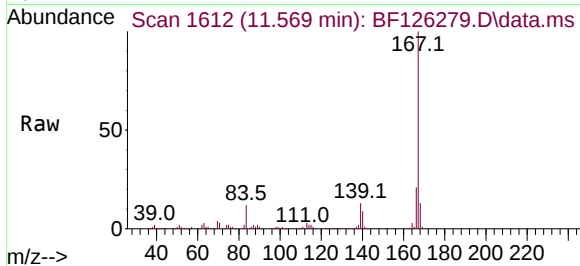




#73
 Carbazole
 Concen: 51.135 ng
 RT: 11.569 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF126279.D
 Acq: 20 Dec 2021 15:35

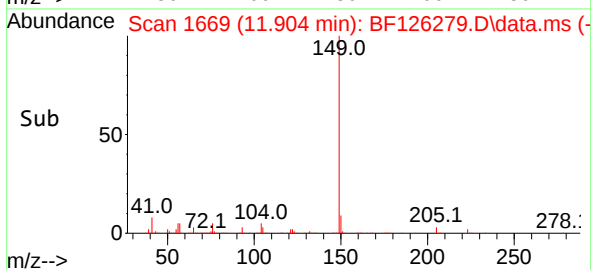
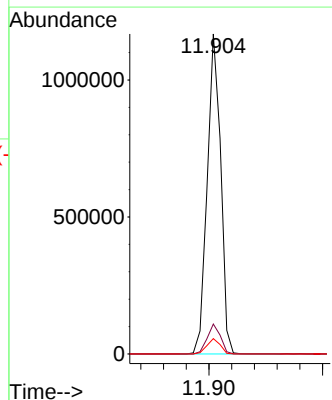
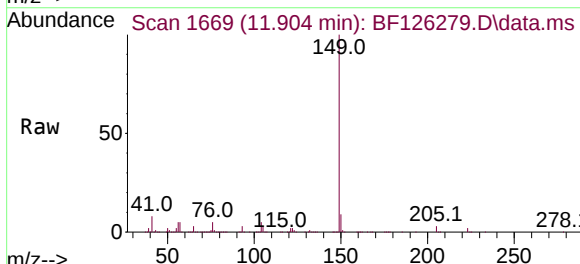
Instrument :
 BNA_F
 ClientSampleId :
 NB-8-121721MSD

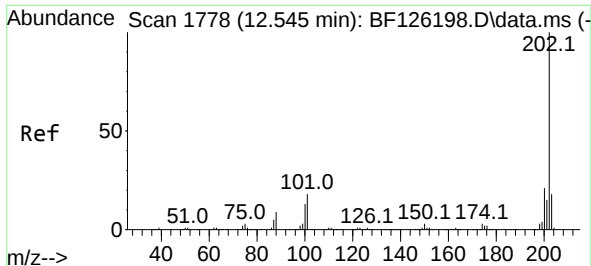
Tgt Ion:167 Resp: 760314
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 13.0 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 50.798 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF126279.D
 Acq: 20 Dec 2021 15:35

Tgt Ion:149 Resp: 957483
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.8 4.1 6.1

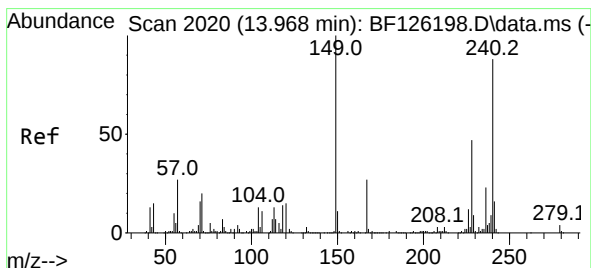
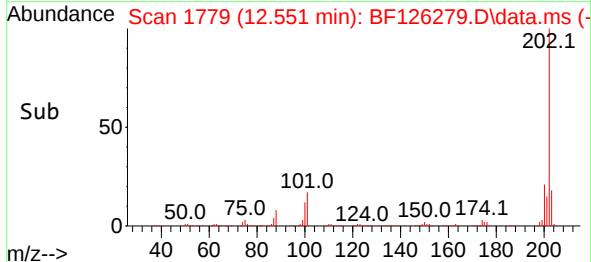
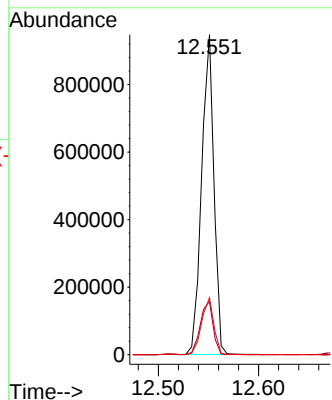
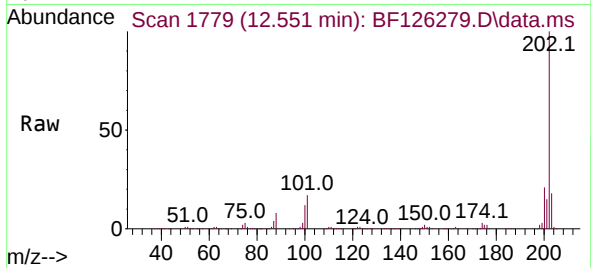




#75
Fluoranthene
Concen: 57.152 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

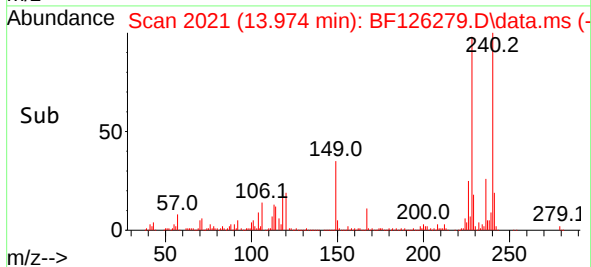
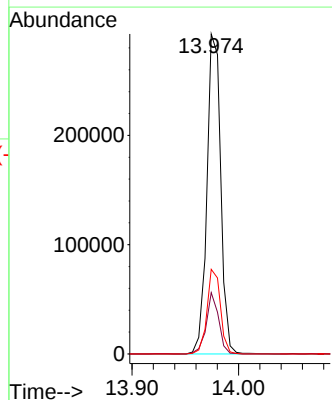
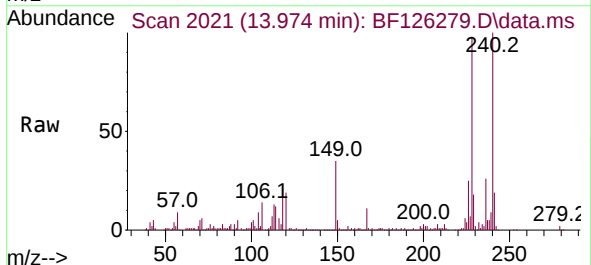
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

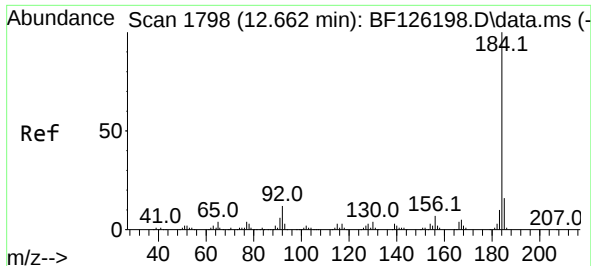
Tgt Ion:202 Resp: 809980
Ion Ratio Lower Upper
202 100
101 16.6 0.0 30.7
203 17.8 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:240 Resp: 264041
Ion Ratio Lower Upper
240 100
120 19.2 10.8 16.2#
236 26.4 21.6 32.4

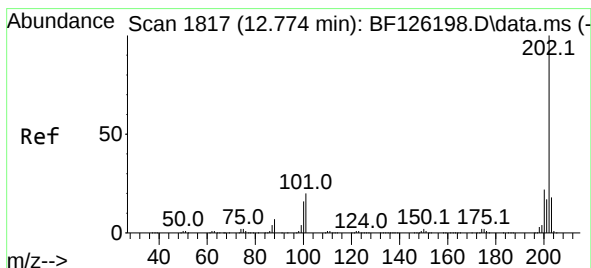
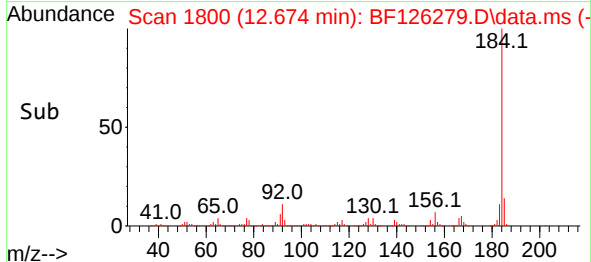
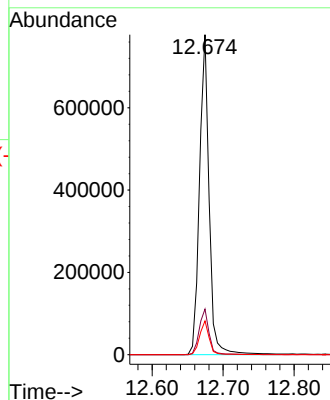
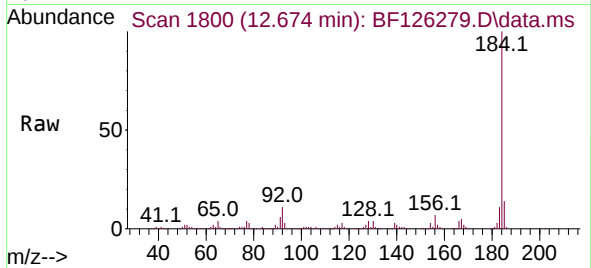




#77
Benzidine
Concen: 176.039 ng
RT: 12.674 min Scan# 1800
Delta R.T. 0.012 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

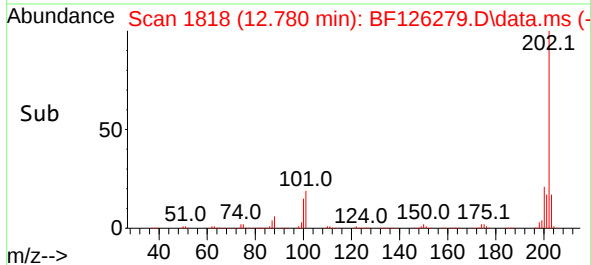
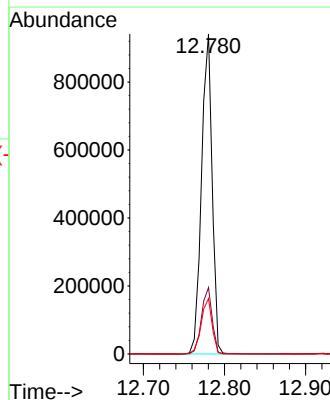
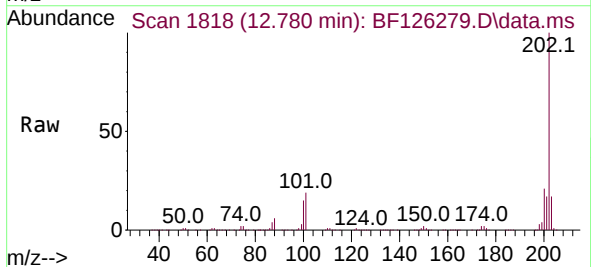
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

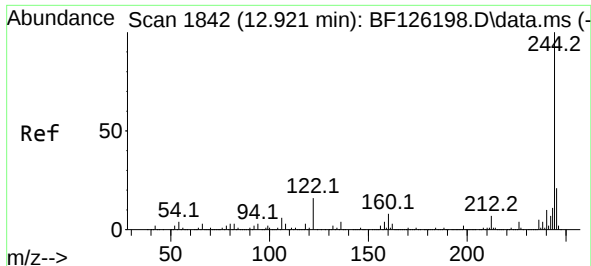
Tgt Ion:184 Resp: 732803
Ion Ratio Lower Upper
184 100
185 14.2 10.8 16.2
183 10.6 8.1 12.1



#78
Pyrene
Concen: 35.410 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:202 Resp: 858969
Ion Ratio Lower Upper
202 100
200 20.7 15.3 22.9
203 17.3 13.4 20.0

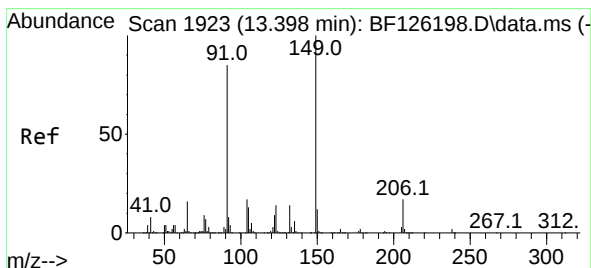
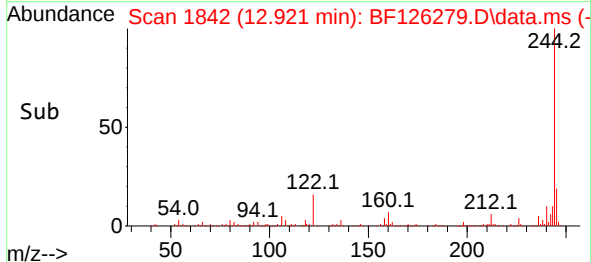
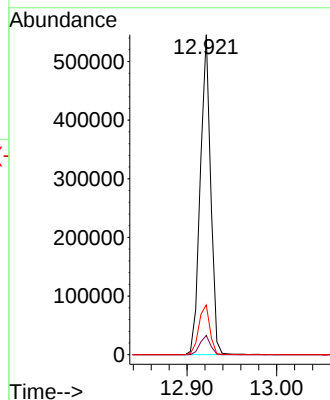
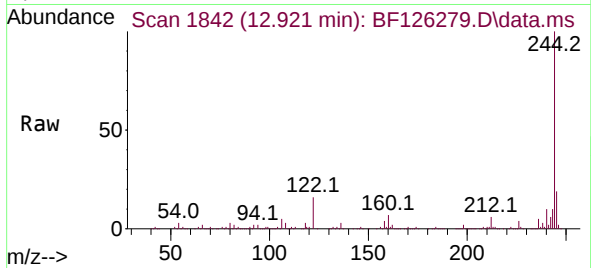




#79
 Terphenyl-d14
 Concen: 28.804 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126279.D
 Acq: 20 Dec 2021 15:35

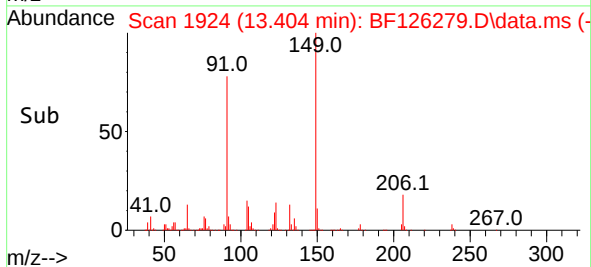
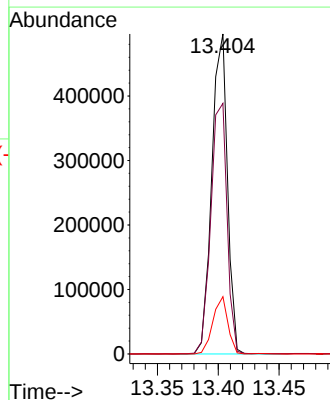
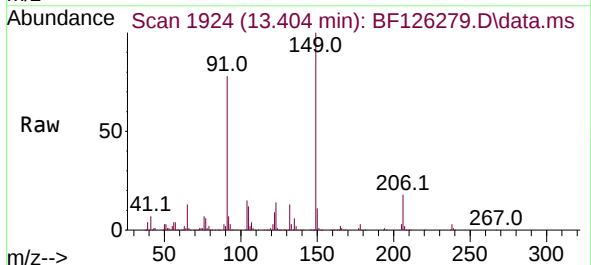
Instrument :
 BNA_F
 ClientSampleId :
 NB-8-121721MSD

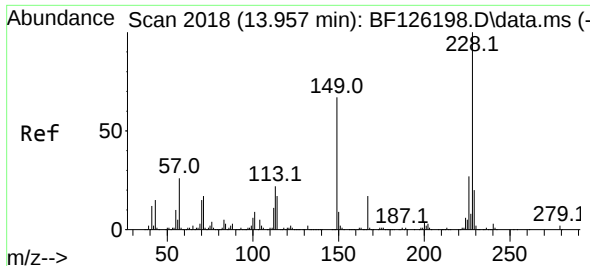
Tgt Ion:244 Resp: 437567
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.9 8.9
 122 15.6 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 38.857 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF126279.D
 Acq: 20 Dec 2021 15:35

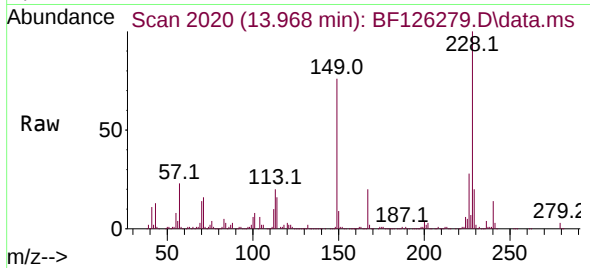
Tgt Ion:149 Resp: 443566
 Ion Ratio Lower Upper
 149 100
 91 78.3 51.8 77.8#
 206 17.9 14.5 21.7



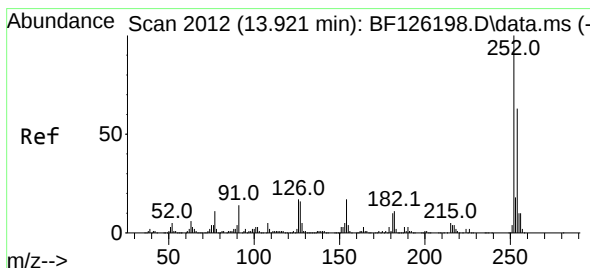
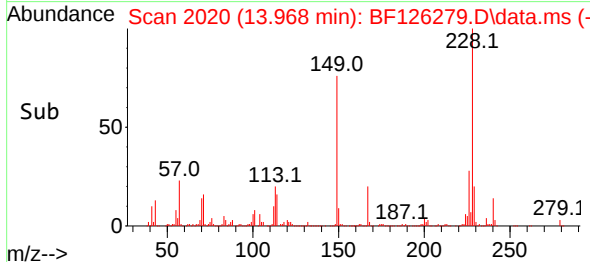
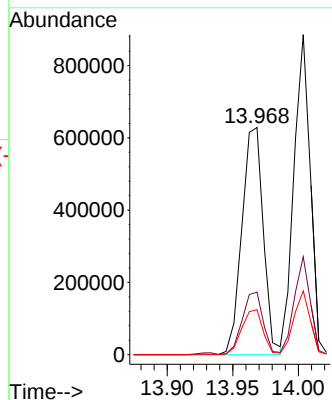


#81
Benzo(a)anthracene
Concen: 45.850 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

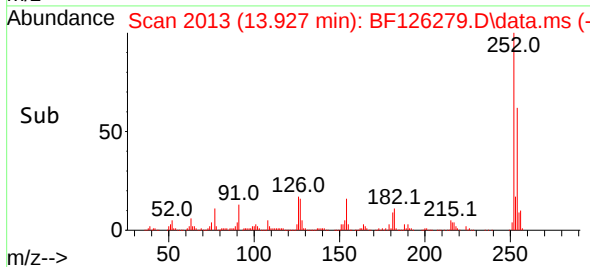
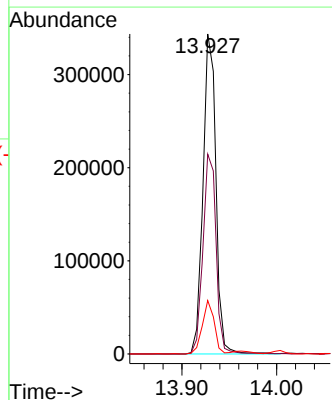
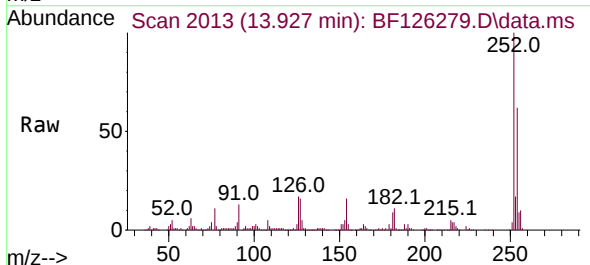


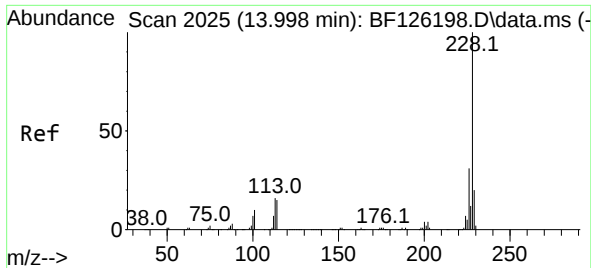
Tgt Ion:228 Resp: 717109
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 19.8 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 45.418 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:252 Resp: 324525
Ion Ratio Lower Upper
252 100
254 62.5 51.4 77.0
126 16.7 9.5 14.3#





#83

Chrysene

Concen: 47.400 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

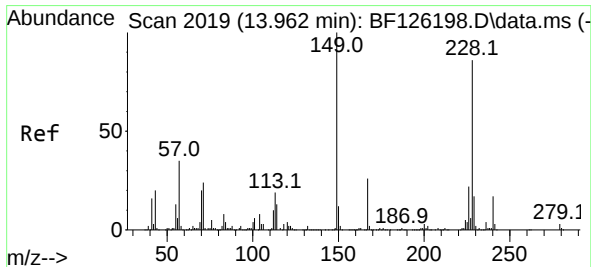
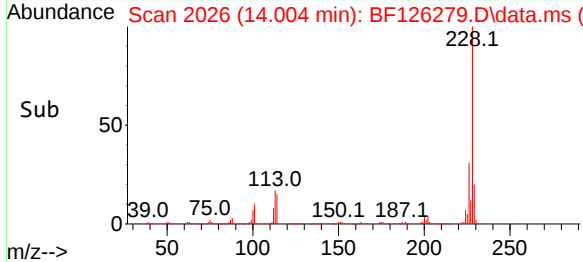
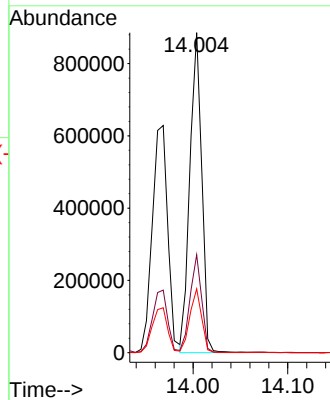
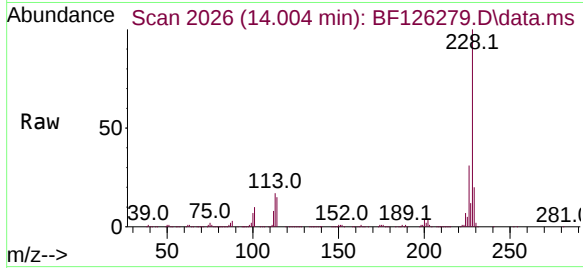
Tgt Ion:228 Resp: 770269

Ion Ratio Lower Upper

228 100

226 30.6 22.6 34.0

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.948 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

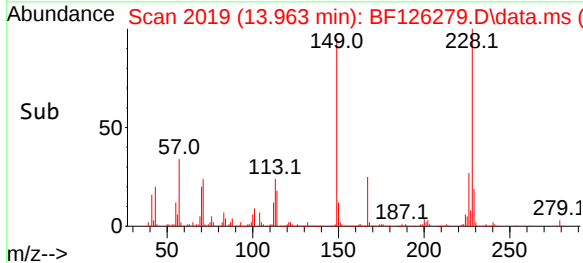
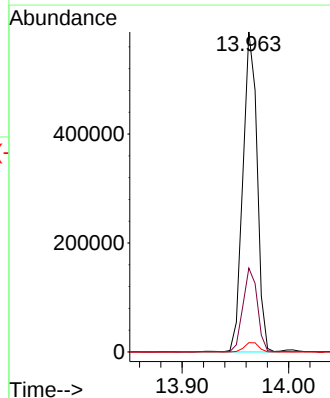
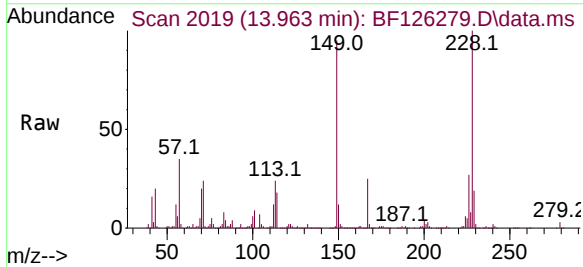
Tgt Ion:149 Resp: 547854

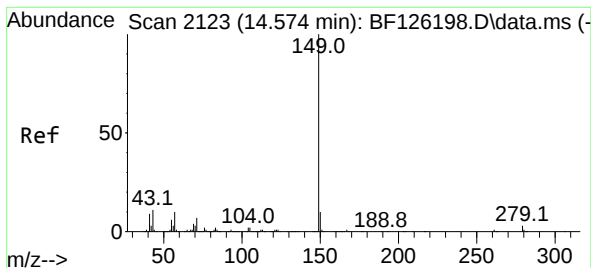
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

279 2.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 54.427 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

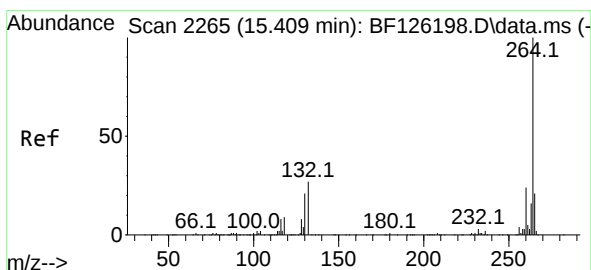
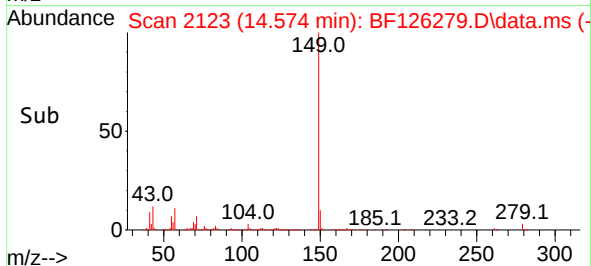
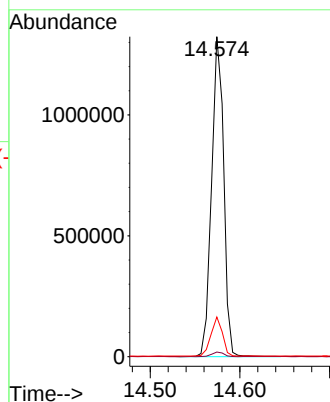
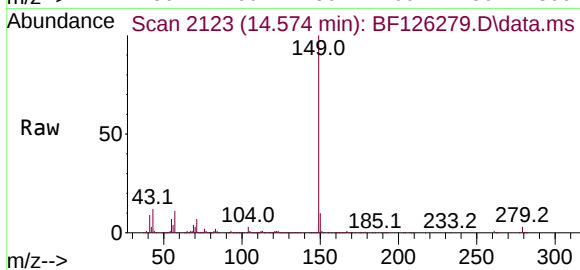
Tgt Ion:149 Resp: 1237650

Ion Ratio Lower Upper

149 100

167 1.5 1.0 1.6

43 11.6 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2267

Delta R.T. 0.012 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

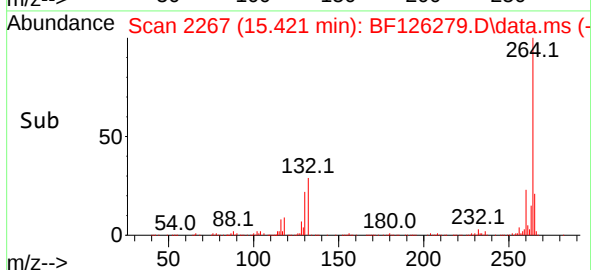
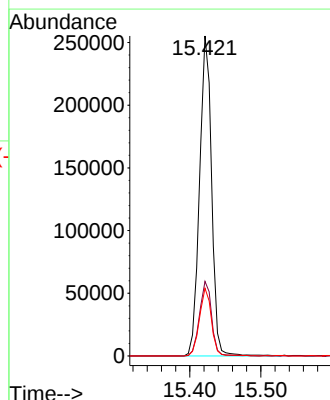
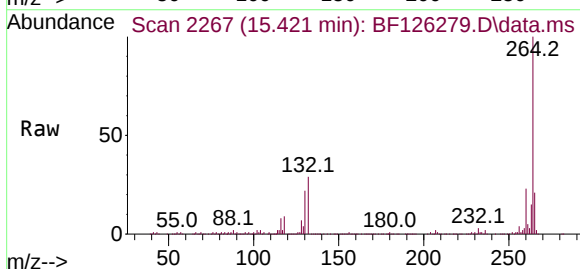
Tgt Ion:264 Resp: 302163

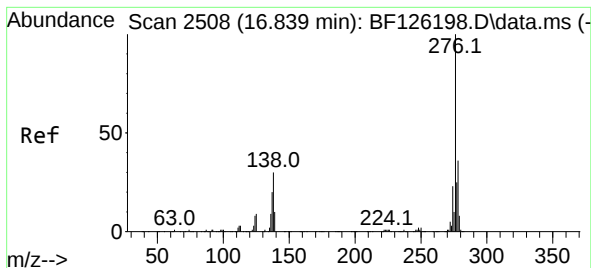
Ion Ratio Lower Upper

264 100

260 23.3 19.6 29.4

265 21.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.504 ng

RT: 16.857 min Scan# 2197

Delta R.T. 0.018 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

Instrument :

BNA_F

ClientSampleId :

NB-8-121721MSD

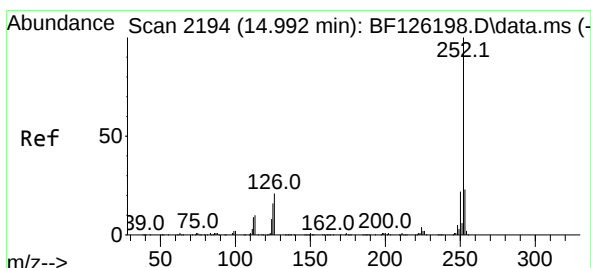
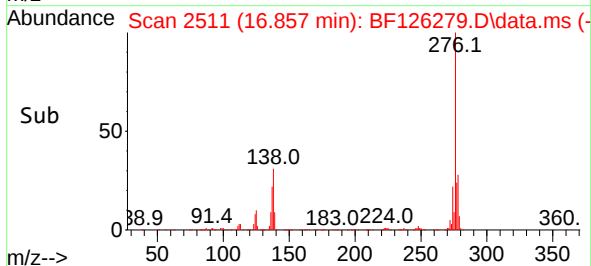
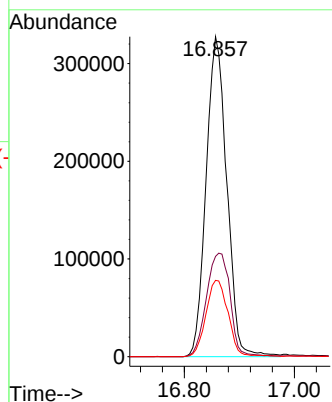
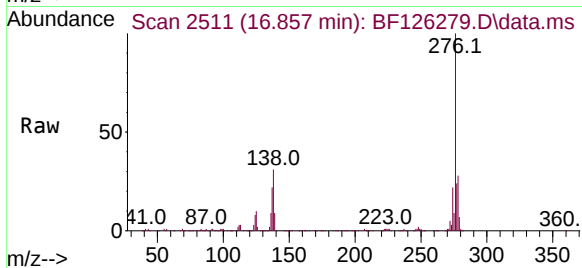
Tgt Ion:276 Resp: 856653

Ion Ratio Lower Upper

276 100

138 37.3 24.1 36.1#

277 25.6 18.8 28.2



#88

Benzo(b)fluoranthene

Concen: 52.319 ng

RT: 15.010 min Scan# 2197

Delta R.T. 0.018 min

Lab File: BF126279.D

Acq: 20 Dec 2021 15:35

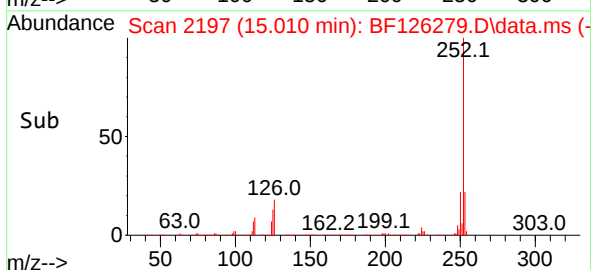
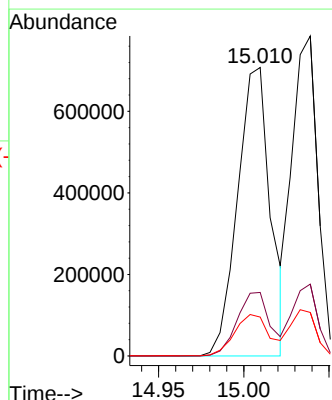
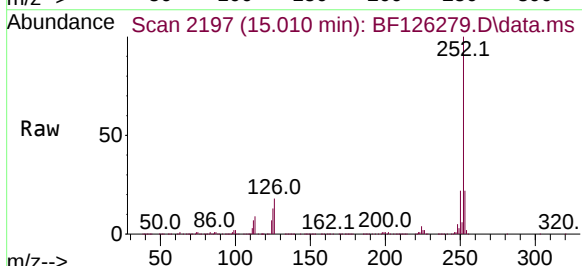
Tgt Ion:252 Resp: 949877

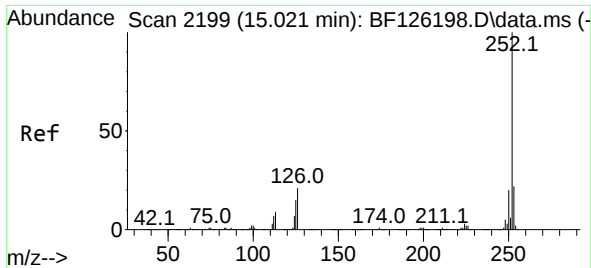
Ion Ratio Lower Upper

252 100

253 22.0 16.8 25.2

125 13.5 9.8 14.8

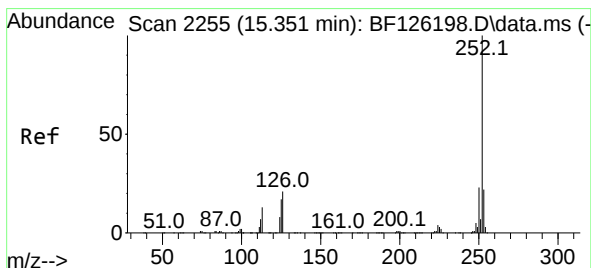
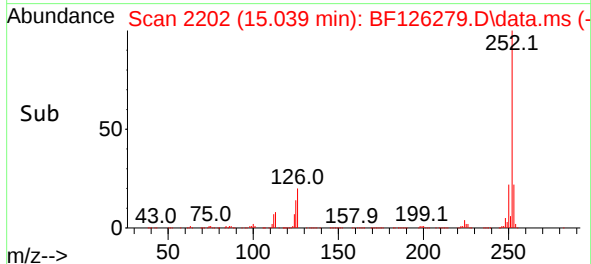
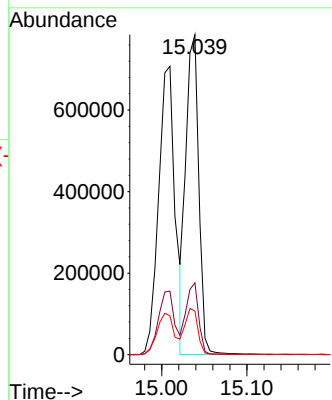
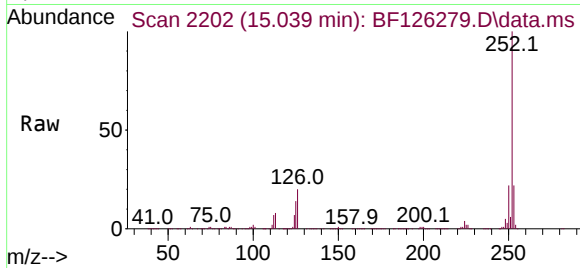




#89
Benzo(k)fluoranthene
Concen: 47.799 ng
RT: 15.039 min Scan# 2199
Delta R.T. 0.018 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

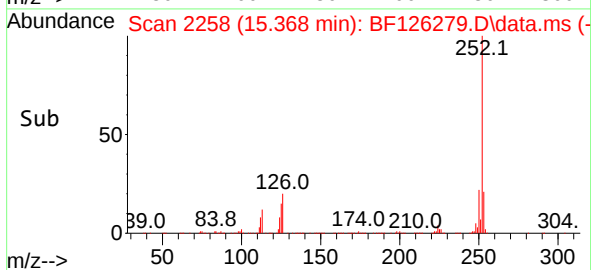
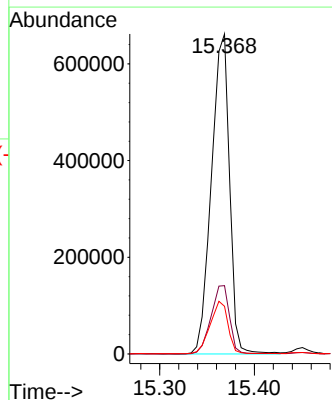
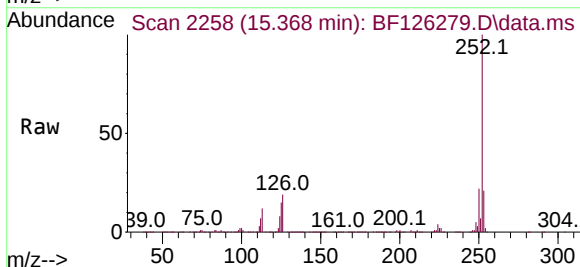
Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

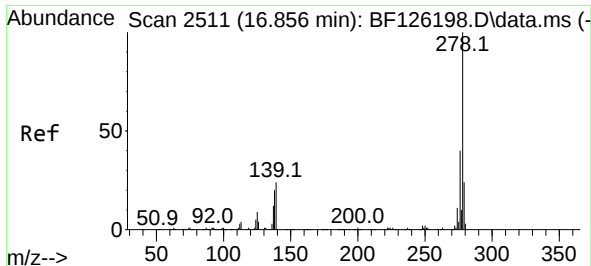
Tgt Ion:252 Resp: 830174
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 13.6 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 58.202 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:252 Resp: 878244
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 14.9 9.9 14.9#

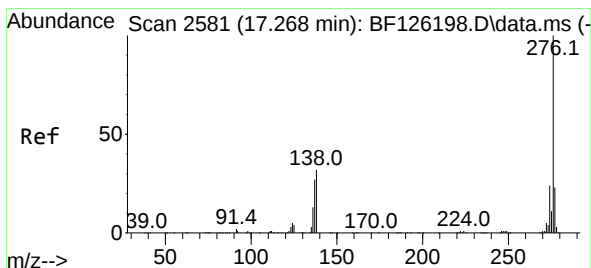
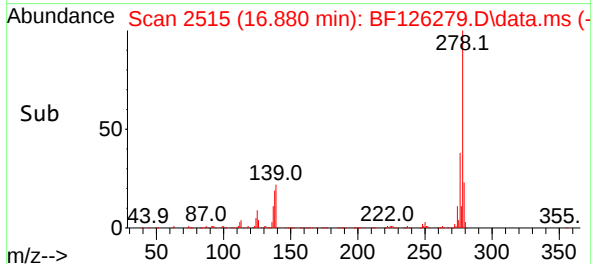
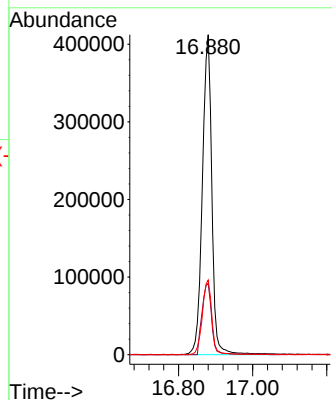
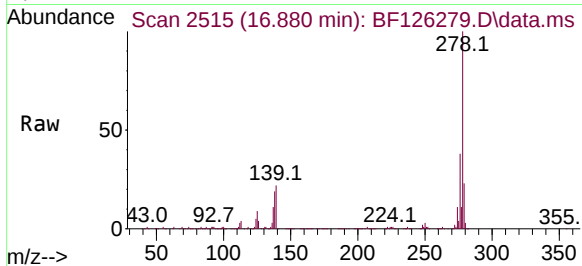




#91
Dibenzo(a,h)anthracene
Concen: 44.755 ng
RT: 16.880 min Scan# 2515
Delta R.T. 0.024 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Instrument :
BNA_F
ClientSampleId :
NB-8-121721MSD

Tgt Ion:278 Resp: 733266
Ion Ratio Lower Upper
278 100
139 22.3 14.9 22.3
279 23.3 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 41.214 ng
RT: 17.286 min Scan# 2584
Delta R.T. 0.018 min
Lab File: BF126279.D
Acq: 20 Dec 2021 15:35

Tgt Ion:276 Resp: 698639
Ion Ratio Lower Upper
276 100
277 23.7 22.0 33.0
138 32.8 22.2 33.4

