

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126281.D
 Acq On : 20 Dec 2021 16:42
 Operator : JU/CG
 Sample : M5022-39MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP13MSD

Quant Time: Dec 21 05:10:19 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	164903	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	638026	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	247713	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	349944	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	284329	20.000	ng	0.01
86) Perylene-d12	15.421	264	334907	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	940045	83.950	ng	0.01
7) Phenol-d6	6.445	99	1182926	83.198	ng	0.00
23) Nitrobenzene-d5	7.381	82	754363	64.034	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	142738	71.701	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	936943	66.338	ng	0.00
79) Terphenyl-d14	12.921	244	761647	46.560	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	265267	48.530	ng	# 100
3) Pyridine	3.357	79	572258	39.423	ng	# 76
4) n-Nitrosodimethylamine	3.310	42	277413	49.726	ng	# 1
6) Aniline	6.475	93	326020	18.052	ng	96
8) 2-Chlorophenol	6.604	128	523320	46.086	ng	91
9) Benzaldehyde	6.363	77	412888	48.123	ng	95
10) Phenol	6.463	94	693282	43.438	ng	87
11) bis(2-Chloroethyl)ether	6.551	93	574713	46.391	ng	96
12) 1,3-Dichlorobenzene	6.757	146	522286	45.596	ng	96
13) 1,4-Dichlorobenzene	6.834	146	527772	45.626	ng	94
14) 1,2-Dichlorobenzene	6.987	146	499314	46.686	ng	95
15) Benzyl Alcohol	6.957	79	436562	42.059	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	901274	44.456	ng	93
17) 2-Methylphenol	7.075	107	410957	41.312	ng	97
18) Hexachloroethane	7.334	117	202826	44.577	ng	95
19) n-Nitroso-di-n-propyla...	7.234	70	347958	39.864	ng	# 72
20) 3+4-Methylphenols	7.222	107	461441	39.238	ng	# 77
22) Acetophenone	7.228	105	673198	45.846	ng	98
24) Nitrobenzene	7.398	77	550867	46.841	ng	90
25) Isophorone	7.639	82	962711	43.275	ng	# 87
26) 2-Nitrophenol	7.716	139	245301	46.270	ng	# 82
27) 2,4-Dimethylphenol	7.757	122	409417	45.474	ng	95
28) bis(2-Chloroethoxy)met...	7.851	93	628626	42.979	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	332282	41.520	ng	92
30) 1,2,4-Trichlorobenzene	8.045	180	363545	43.917	ng	98
31) Naphthalene	8.122	128	1331545	44.626	ng	98
32) Benzoic acid	7.863	122	276127	35.600	ng	95
33) 4-Chloroaniline	8.169	127	86832	6.970	ng	98
34) Hexachlorobutadiene	8.245	225	180912	44.499	ng	97
35) Caprolactam	8.534	113	115795	58.220	ng	87
36) 4-Chloro-3-methylphenol	8.651	107	366892	38.865	ng	89
37) 2-Methylnaphthalene	8.816	142	777474	42.311	ng	100
38) 1-Methylnaphthalene	8.916	142	717742	40.249	ng	95
40) 1,2,4,5-Tetrachloroben...	8.981	216	264555	49.483	ng	# 96
41) Hexachlorocyclopentadiene	8.969	237	215571	70.412	ng	95
43) 2,4,6-Trichlorophenol	9.092	196	183015	43.516	ng	93

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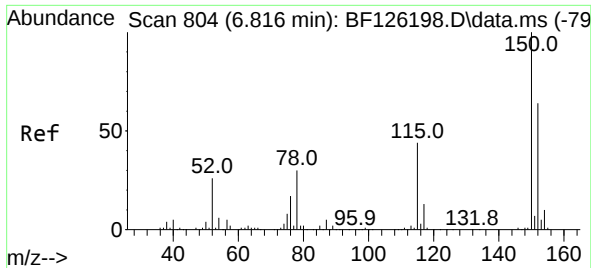
Quant Time: Dec 21 05:10:19 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	189860	43.593	ng	# 94
46) 1,1'-Biphenyl	9.281	154	872014	47.609	ng	97
47) 2-Chloronaphthalene	9.304	162	631633	45.834	ng	99
48) 2-Nitroaniline	9.392	65	228367	45.401	ng	87
49) Acenaphthylene	9.716	152	952952	45.255	ng	98
50) Dimethylphthalate	9.581	163	705197	44.942	ng	99
51) 2,6-Dinitrotoluene	9.639	165	150573	44.334	ng	97
52) Acenaphthene	9.892	154	616032	45.111	ng	99
53) 3-Nitroaniline	9.798	138	81655	18.916	ng	# 68
54) 2,4-Dinitrophenol	9.910	184	71414	51.067	ng	# 76
55) Dibenzofuran	10.063	168	800217	43.040	ng	96
56) 4-Nitrophenol	9.963	139	271931	87.209	ng	# 79
57) 2,4-Dinitrotoluene	10.039	165	185703	42.864	ng	# 93
58) Fluorene	10.404	166	554309	41.182	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.175	232	130062	40.276	ng	# 99
60) Diethylphthalate	10.280	149	665662	42.213	ng	98
61) 4-Chlorophenyl-phenylether	10.398	204	241502	39.850	ng	93
62) 4-Nitroaniline	10.410	138	132216	36.511	ng	# 73
63) Azobenzene	10.557	77	767909	40.205	ng	84
65) 4,6-Dinitro-2-methylph...	10.445	198	49104	25.697	ng	89
66) n-Nitrosodiphenylamine	10.516	169	511293	45.526	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	146089	44.481	ng	94
68) Hexachlorobenzene	10.951	284	166831	44.167	ng	89
69) Atrazine	11.039	200	148221	72.016	ng	96
70) Pentachlorophenol	11.145	266	178581	85.219	ng	90
71) Phenanthrene	11.363	178	816386	45.200	ng	98
72) Anthracene	11.416	178	843486	46.528	ng	99
73) Carbazole	11.569	167	772381	45.241	ng	98
74) Di-n-butylphthalate	11.904	149	993148	45.888	ng	100
75) Fluoranthene	12.551	202	823927	50.631	ng	93
77) Benzidine	12.669	184	409364	91.323	ng	97
78) Pyrene	12.780	202	857880	32.841	ng	97
80) Butylbenzylphthalate	13.404	149	437293	35.574	ng	# 86
81) Benzo(a)anthracene	13.968	228	708148	42.046	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	245592	31.918	ng	# 97
83) Chrysene	14.004	228	765949	43.771	ng	98
84) Bis(2-ethylhexyl)phtha...	13.963	149	533192	38.816	ng	100
85) Di-n-octyl phthalate	14.574	149	1214468	49.596	ng	98
87) Indeno(1,2,3-cd)pyrene	16.857	276	878179	39.312	ng	# 92
88) Benzo(b)fluoranthene	15.010	252	944540	46.938	ng	97
89) Benzo(k)fluoranthene	15.039	252	825676	42.892	ng	# 96
90) Benzo(a)pyrene	15.368	252	876840	52.428	ng	96
91) Dibenzo(a,h)anthracene	16.880	278	749012	41.247	ng	# 94
92) Benzo(g,h,i)perylene	17.292	276	719772	38.309	ng	92

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

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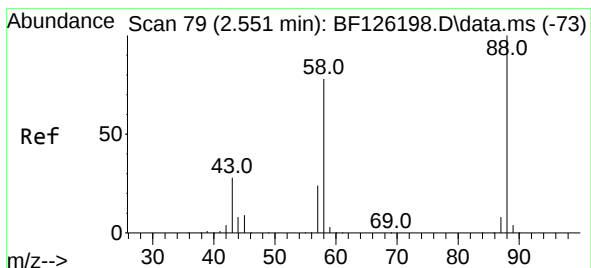
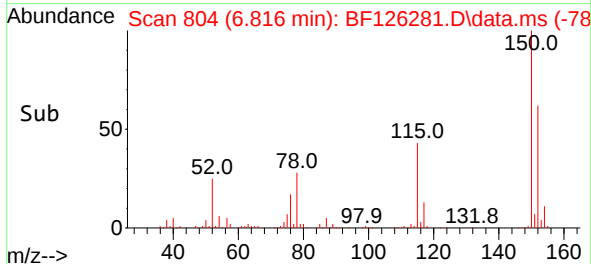
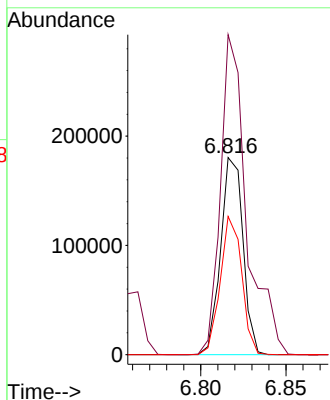
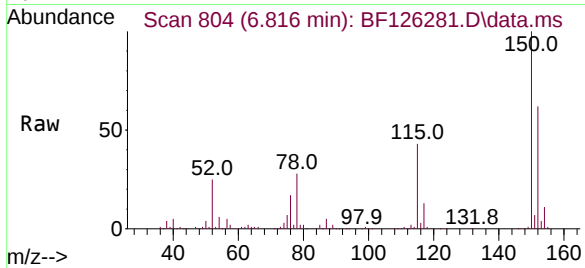




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF126281.D
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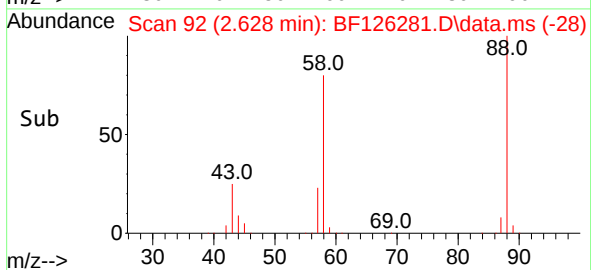
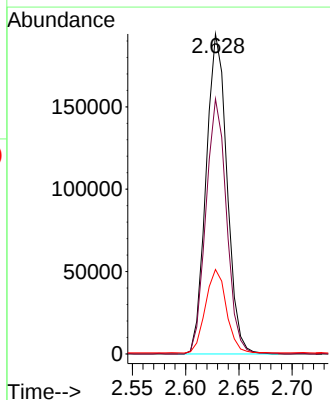
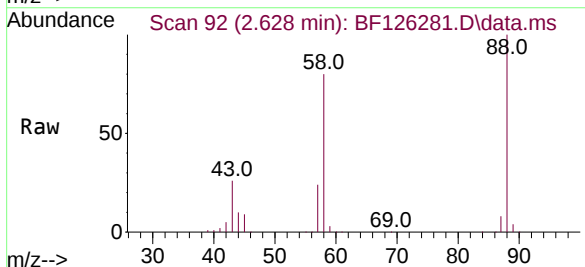
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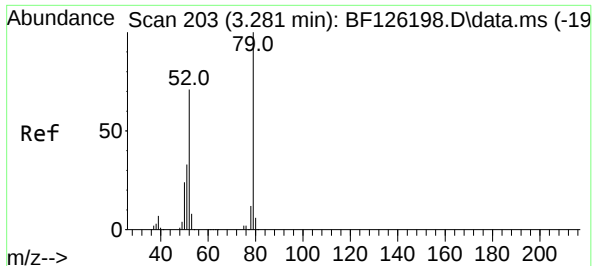
Tgt Ion:152 Resp: 164903
 Ion Ratio Lower Upper
 152 100
 150 162.3 117.6 176.4
 115 70.1 47.1 70.7



#2
 1,4-Dioxane
 Concen: 48.530 ng
 RT: 2.628 min Scan# 92
 Delta R.T. 0.077 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

Tgt Ion: 88 Resp: 265267
 Ion Ratio Lower Upper
 88 100
 58 78.8 0.0 0.0#
 43 26.1 0.0 0.0#





#3

Pyridine

Concen: 39.423 ng

RT: 3.357 min Scan# 21

Delta R.T. 0.077 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

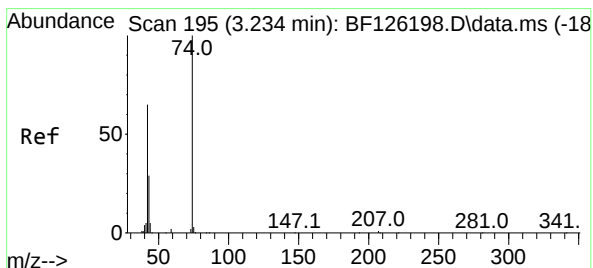
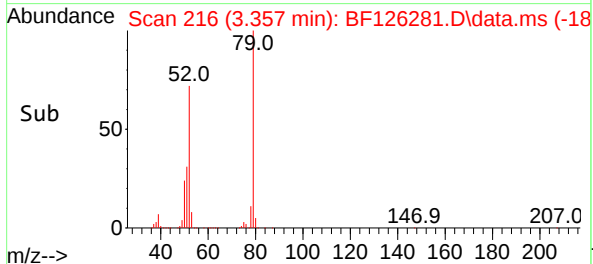
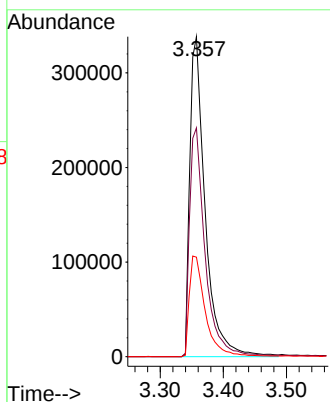
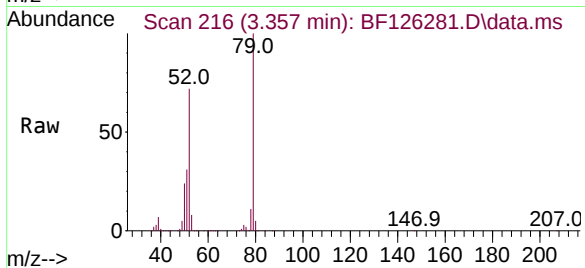
Tgt Ion: 79 Resp: 572258

Ion Ratio Lower Upper

79 100

52 71.5 70.3 105.5

51 31.1 44.1 66.1#



#4

n-Nitrosodimethylamine

Concen: 49.726 ng

RT: 3.310 min Scan# 208

Delta R.T. 0.077 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

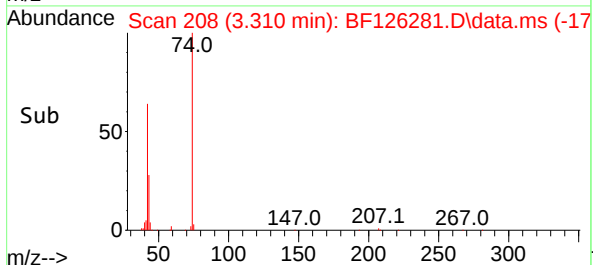
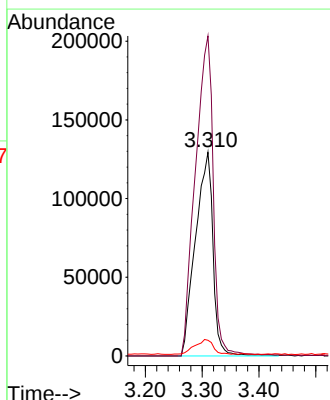
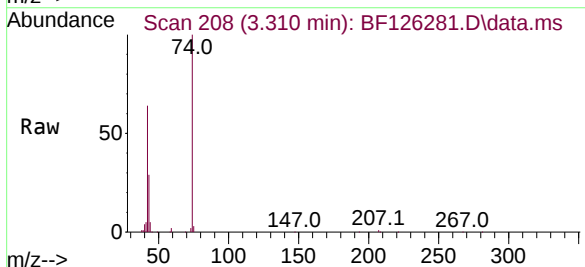
Tgt Ion: 42 Resp: 277413

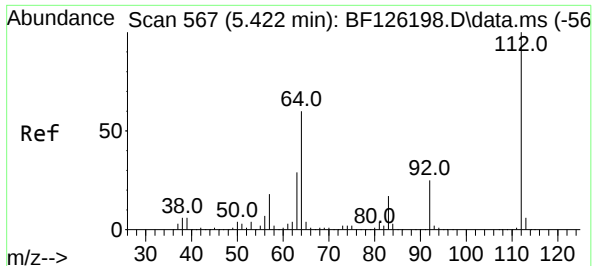
Ion Ratio Lower Upper

42 100

74 157.0 59.0 88.6#

44 7.7 0.0 0.0#

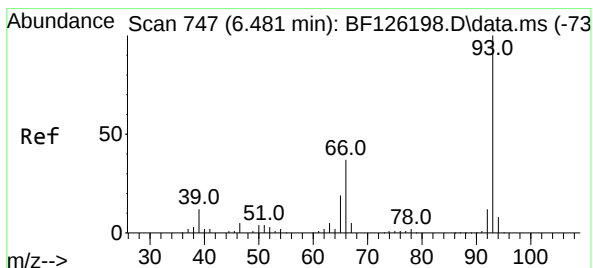
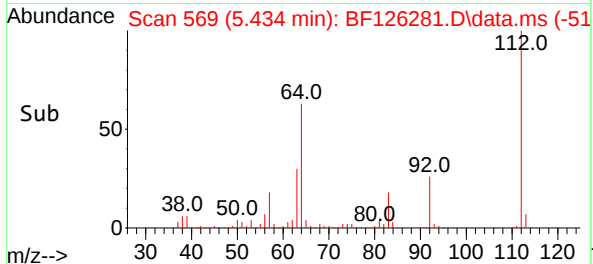
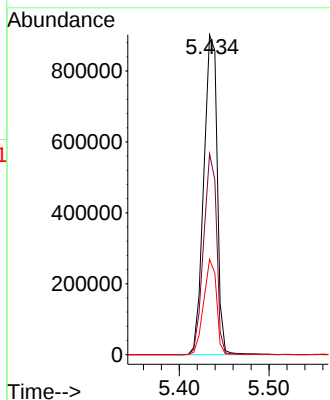
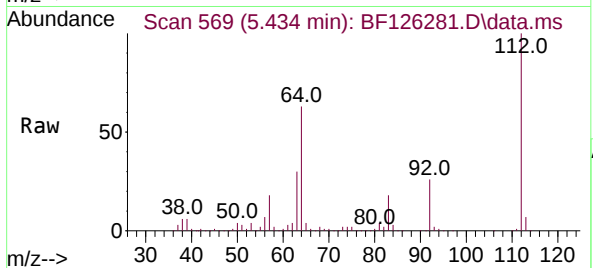




#5
2-Fluorophenol
Concen: 83.950 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

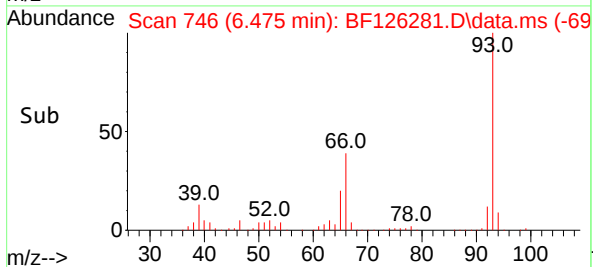
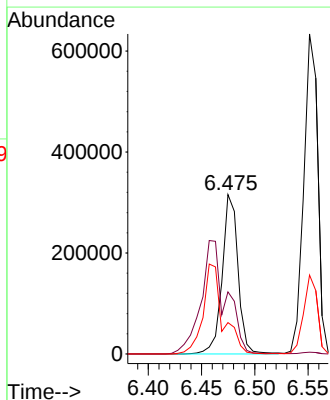
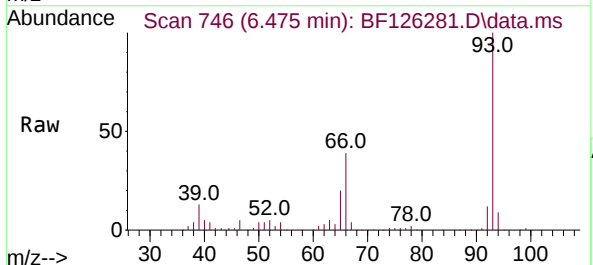
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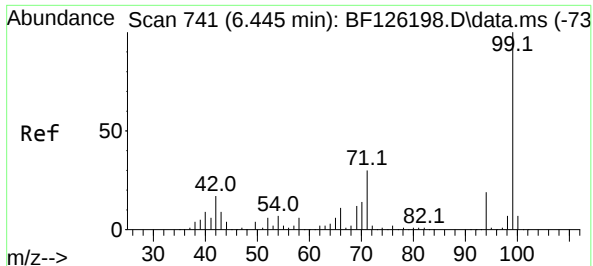
Tgt Ion:112 Resp: 940045
Ion Ratio Lower Upper
112 100
64 62.8 44.2 66.2
63 29.8 26.2 39.2



#6
Aniline
Concen: 18.052 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion: 93 Resp: 326020
Ion Ratio Lower Upper
93 100
66 38.9 32.7 49.1
65 19.7 14.2 21.4

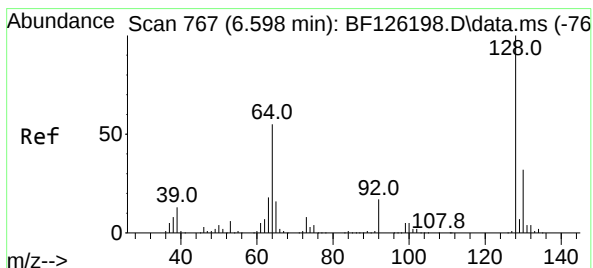
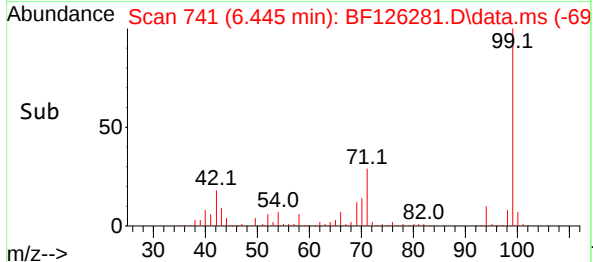
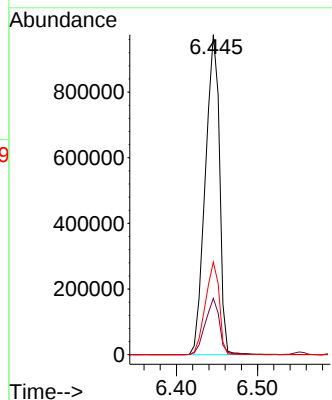
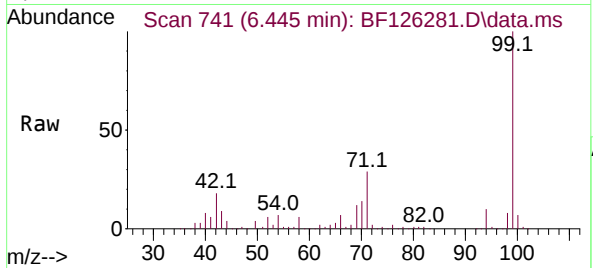




#7
Phenol-d6
Concen: 83.198 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

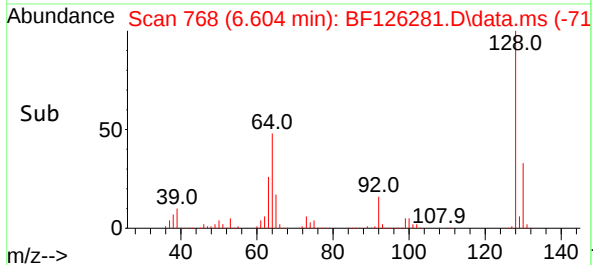
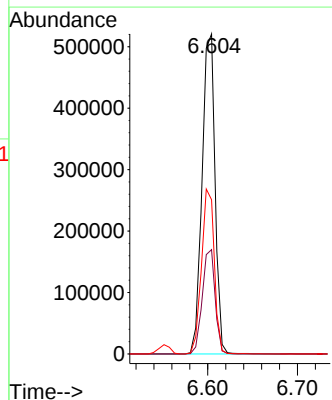
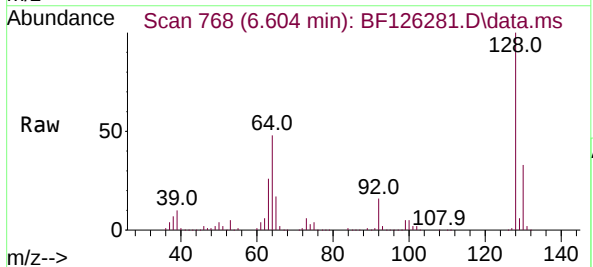
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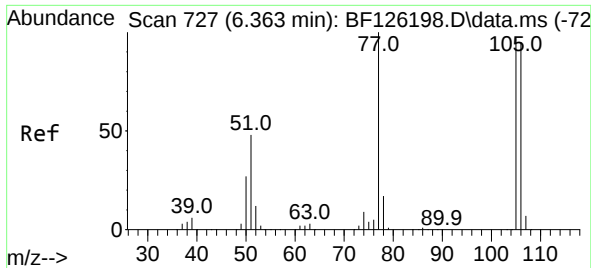
Tgt Ion: 99 Resp: 1182926
Ion Ratio Lower Upper
99 100
42 17.6 23.5 35.3#
71 28.9 25.6 38.4



#8
2-Chlorophenol
Concen: 46.086 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:128 Resp: 523320
Ion Ratio Lower Upper
128 100
130 32.6 10.5 50.5
64 48.2 20.3 60.3





#9

Benzaldehyde

Concen: 48.123 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

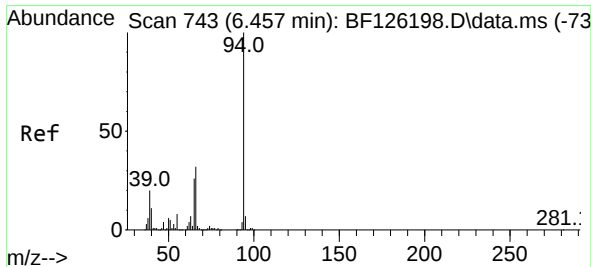
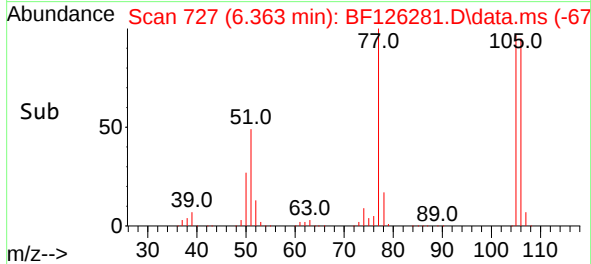
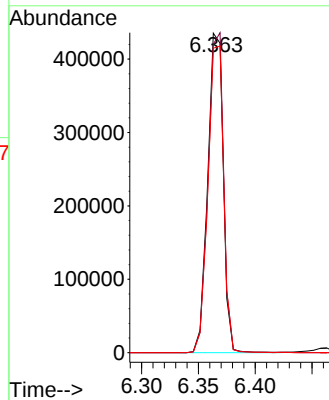
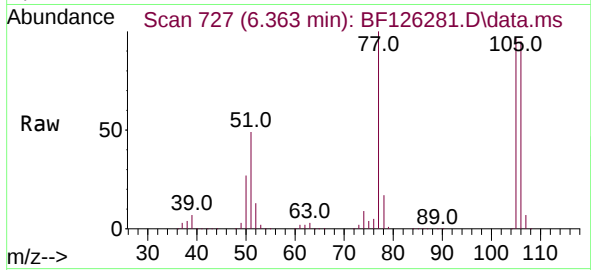
Tgt Ion: 77 Resp: 412888

Ion Ratio Lower Upper

77 100

105 96.5 75.9 115.9

106 95.3 84.0 124.0



#10

Phenol

Concen: 43.438 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

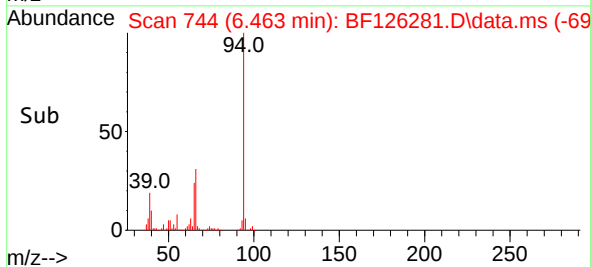
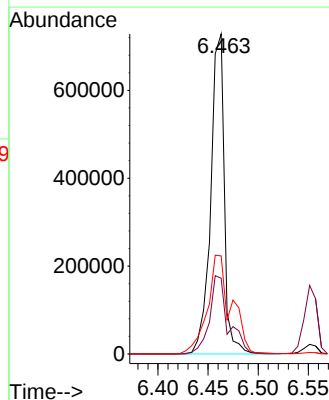
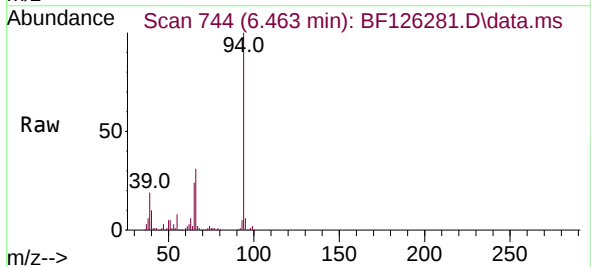
Tgt Ion: 94 Resp: 693282

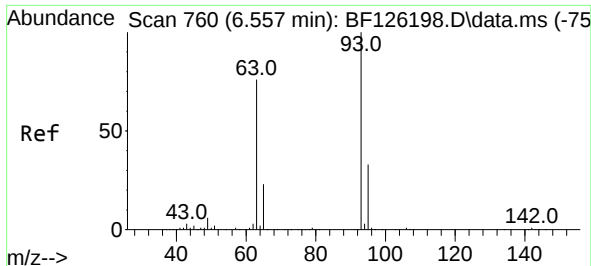
Ion Ratio Lower Upper

94 100

65 23.7 9.3 49.3

66 30.6 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 46.391 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

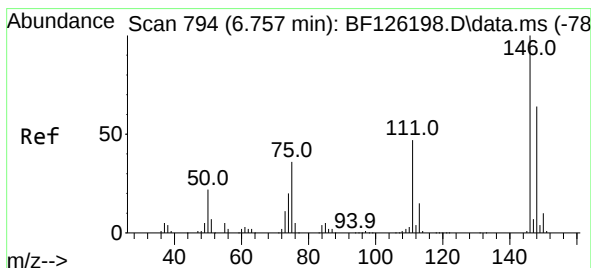
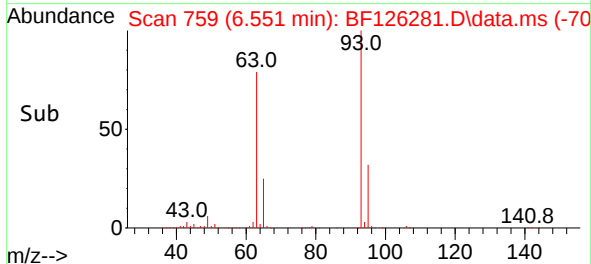
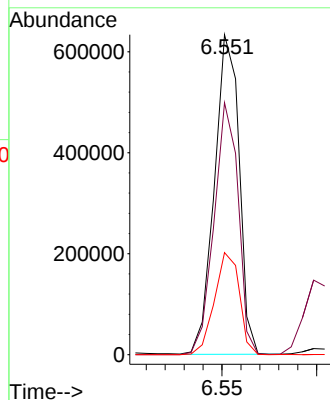
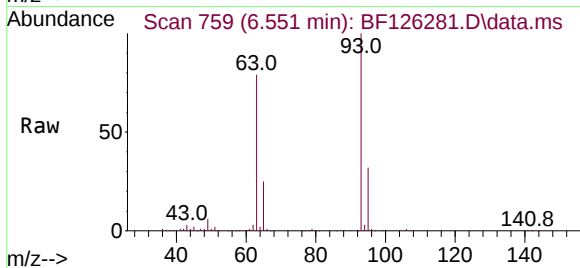
Tgt Ion: 93 Resp: 574713

Ion Ratio Lower Upper

93 100

63 78.7 54.4 94.4

95 31.9 11.4 51.4



#12

1,3-Dichlorobenzene

Concen: 45.596 ng

RT: 6.757 min Scan# 794

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

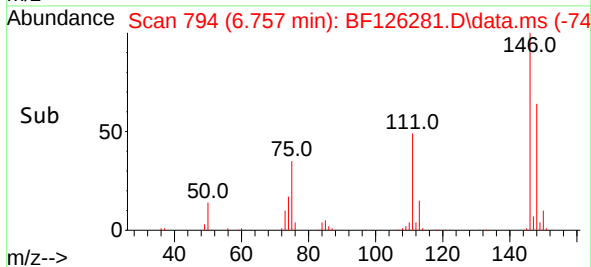
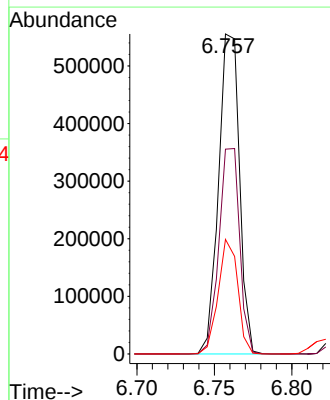
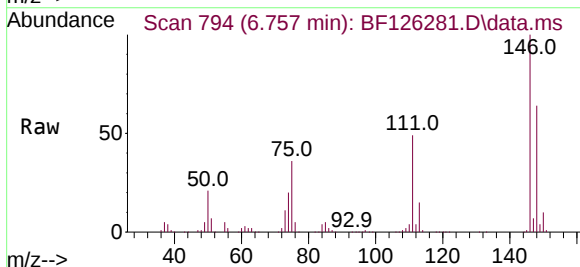
Tgt Ion:146 Resp: 522286

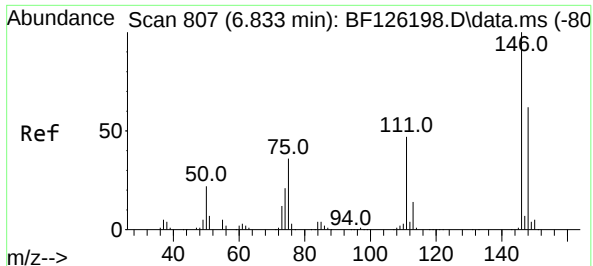
Ion Ratio Lower Upper

146 100

148 64.0 49.7 74.5

75 35.8 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 45.626 ng

RT: 6.834 min Scan# 807

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

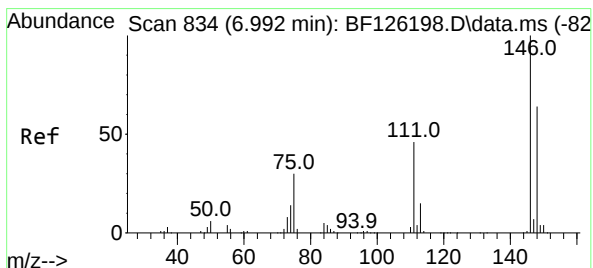
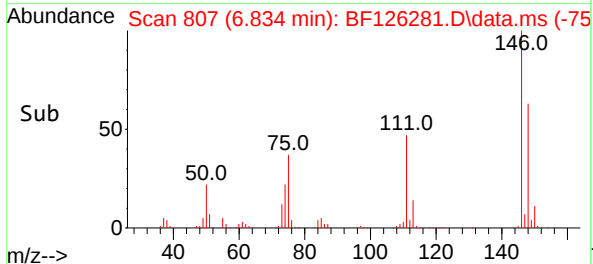
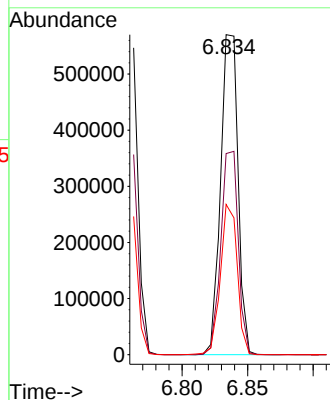
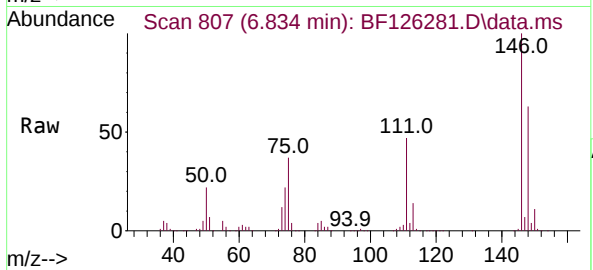
Tgt Ion:146 Resp: 527772

Ion Ratio Lower Upper

146 100

148 62.8 51.9 77.9

111 46.9 31.8 47.6



#14

1,2-Dichlorobenzene

Concen: 46.686 ng

RT: 6.987 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

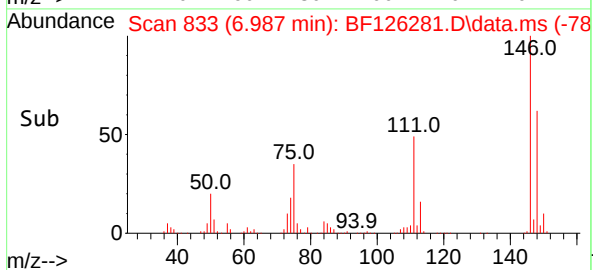
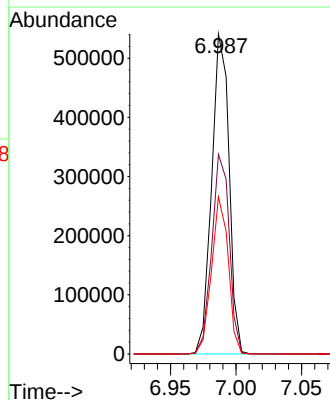
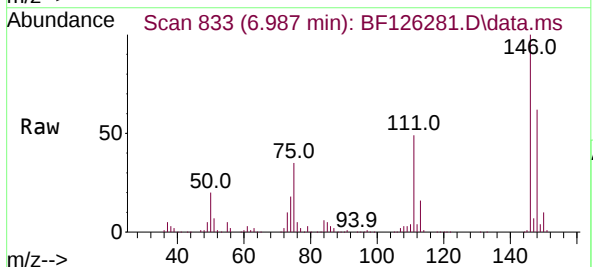
Tgt Ion:146 Resp: 499314

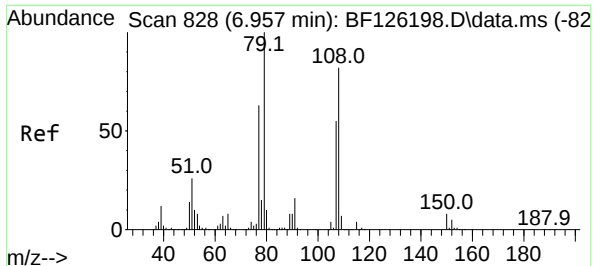
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

111 49.1 33.5 50.3

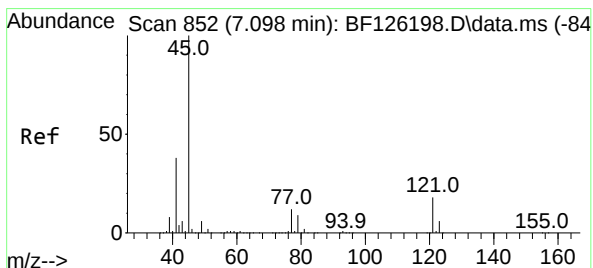
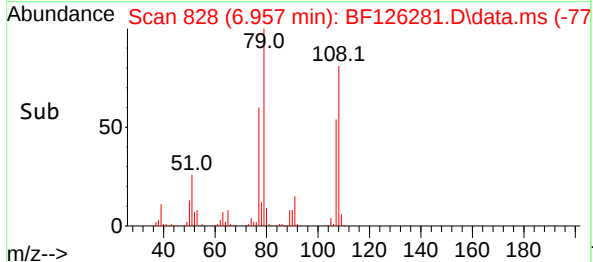
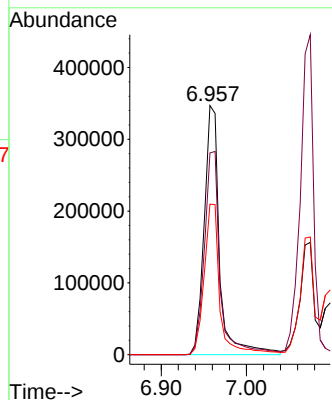
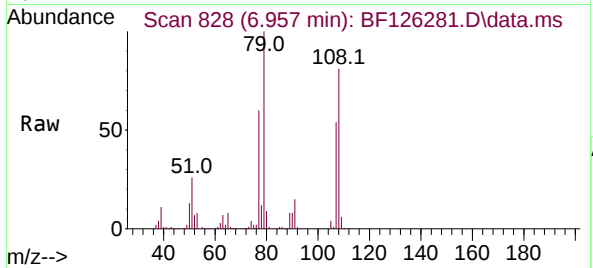




#15
Benzyl Alcohol
Concen: 42.059 ng
RT: 6.957 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

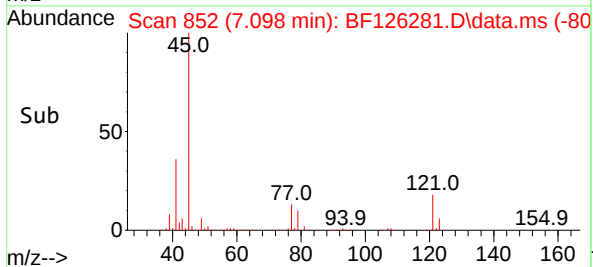
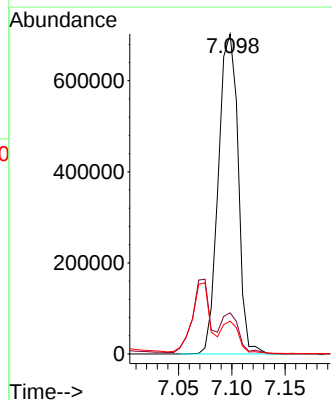
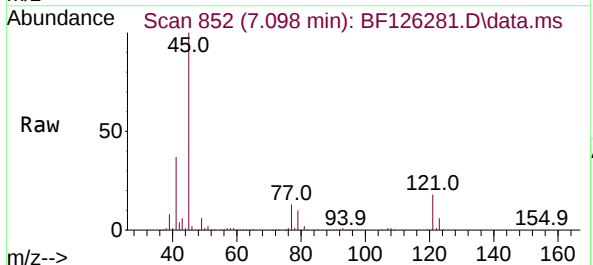
Instrument :
BNA_F
ClientSampleId :
TP13MSD

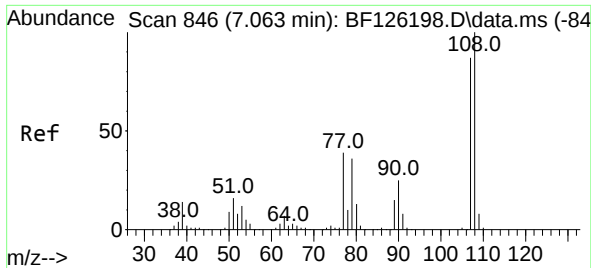
Tgt Ion: 79 Resp: 436562
Ion Ratio Lower Upper
79 100
108 81.0 60.4 90.6
77 60.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.456 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion: 45 Resp: 901274
Ion Ratio Lower Upper
45 100
77 12.8 0.0 30.6
79 10.3 0.0 27.5



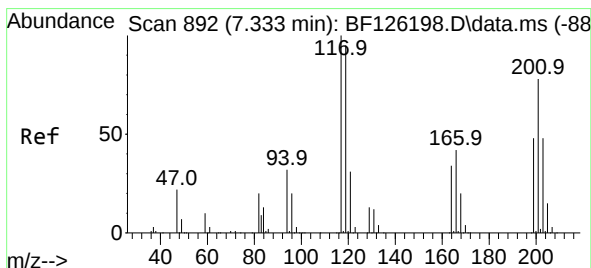
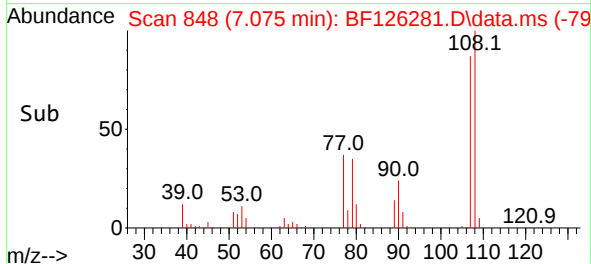
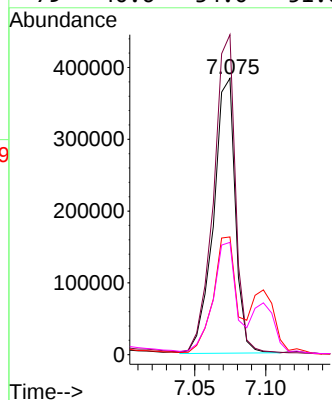
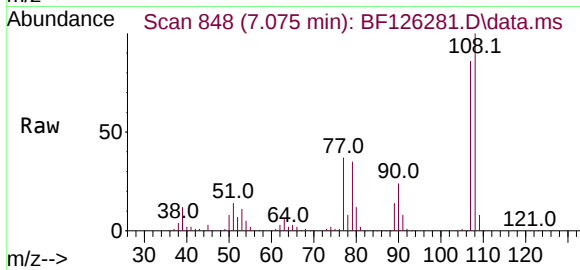


#17
2-Methylphenol
Concen: 41.312 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Instrument :
BNA_F
ClientSampleId :
TP13MSD

Tgt Ion:107 Resp: 410957

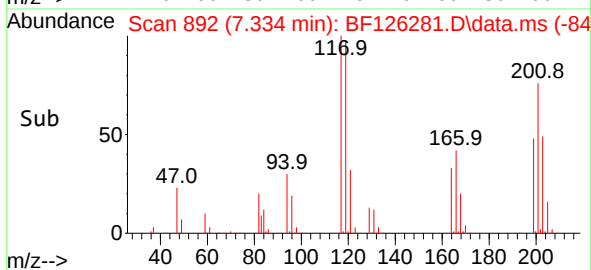
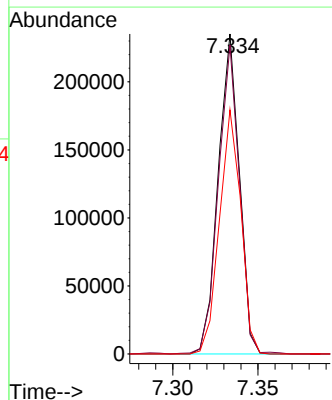
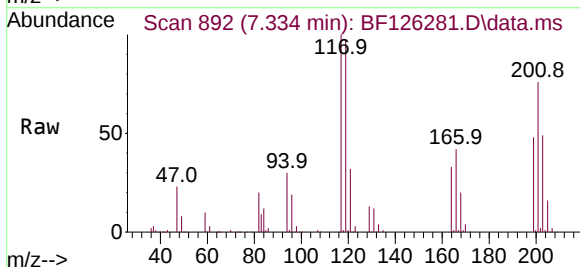
Ion	Ratio	Lower	Upper
107	100		
108	115.8	90.6	135.8
77	42.6	35.7	53.5
79	40.6	34.0	51.0

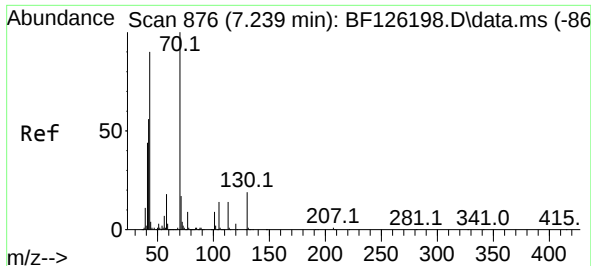


#18
Hexachloroethane
Concen: 44.577 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:117 Resp: 202826

Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.4	110.2
201	76.3	64.9	97.3

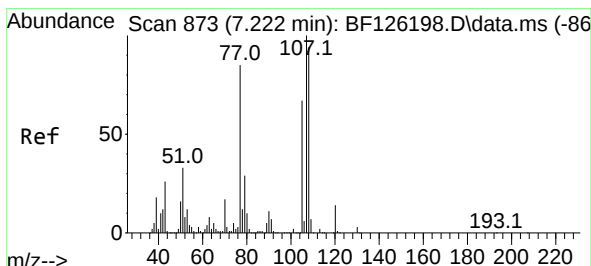
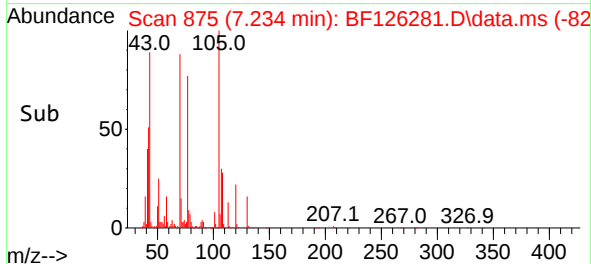
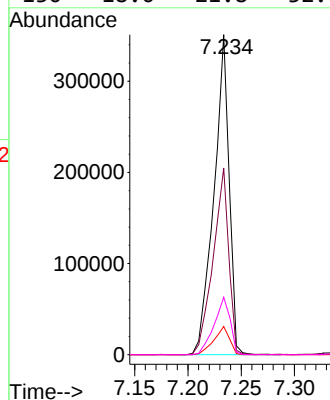
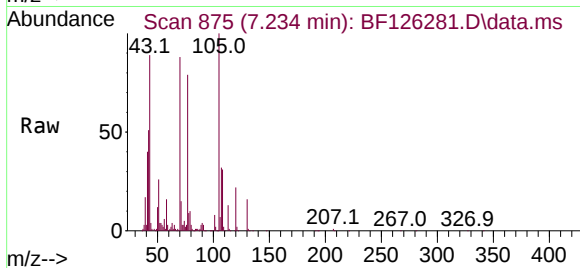




#19
n-Nitroso-di-n-propylamine
Concen: 39.864 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

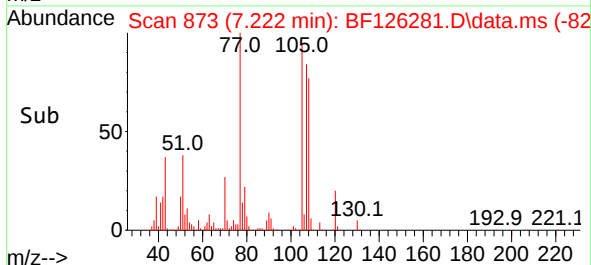
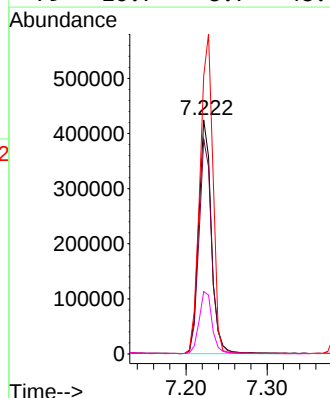
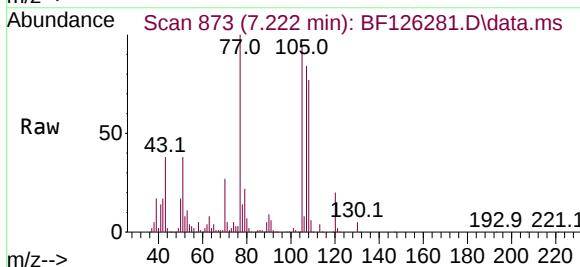
Instrument :
BNA_F
ClientSampleId :
TP13MSD

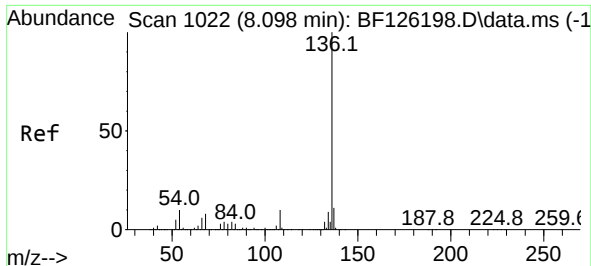
Tgt Ion: 70 Resp: 347958
Ion Ratio Lower Upper
70 100
42 58.3 72.2 108.2#
101 8.8 7.8 11.8
130 18.0 21.8 32.6#



#20
3+4-Methylphenols
Concen: 39.238 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion: 107 Resp: 461441
Ion Ratio Lower Upper
107 100
108 91.7 76.6 116.6
77 118.8 53.3 93.3#
79 26.7 8.7 48.7

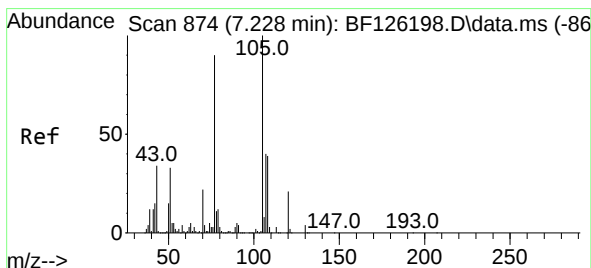
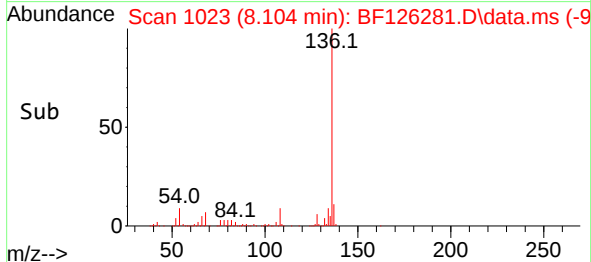
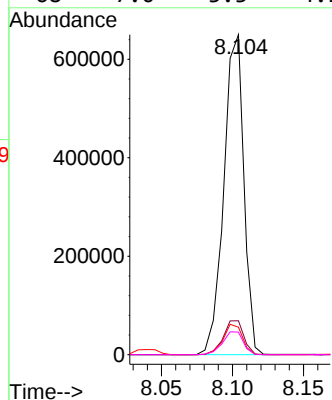
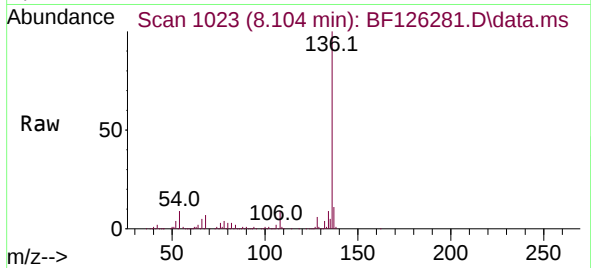




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

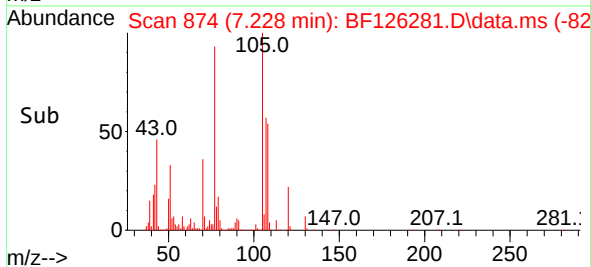
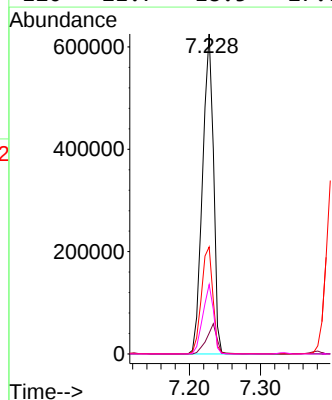
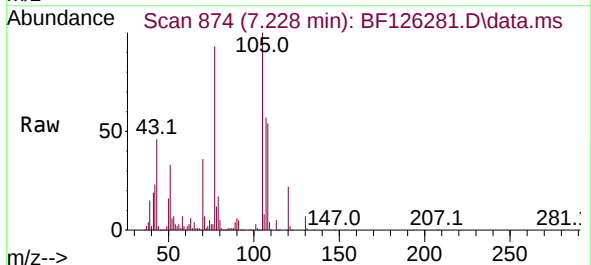
Instrument :
BNA_F
ClientSampleId :
TP13MSD

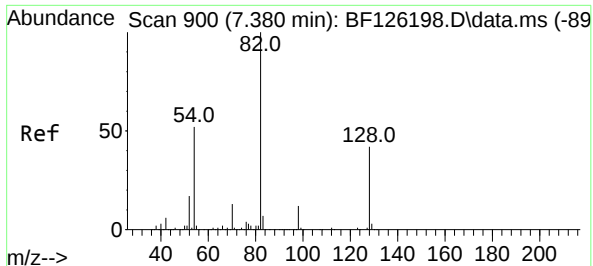
Tgt Ion:136	Resp: 638026
Ion Ratio	Lower Upper
136 100	
137 10.6	9.8 14.6
54 8.6	6.4 9.6
68 7.0	3.3 4.9



#22
Acetophenone
Concen: 45.846 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:105	Resp: 673198
Ion Ratio	Lower Upper
105 100	
71 6.5	5.5 8.3
51 33.5	26.0 39.0
120 21.7	18.5 27.7





#23

Nitrobenzene-d5

Concen: 64.034 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

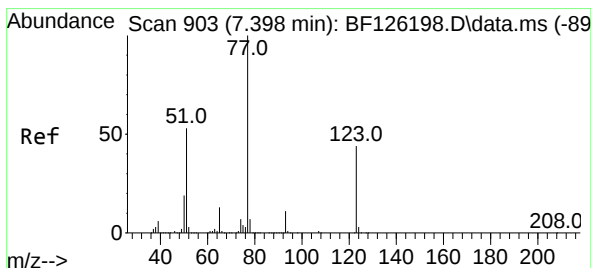
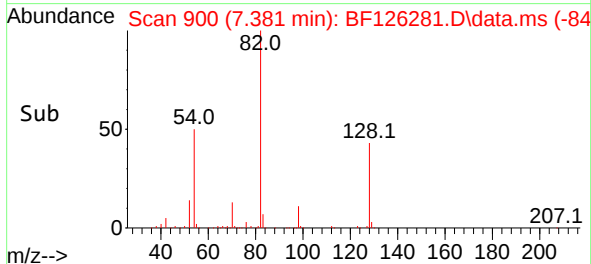
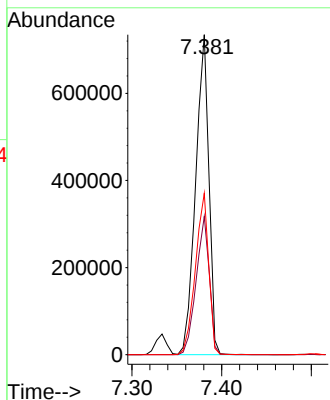
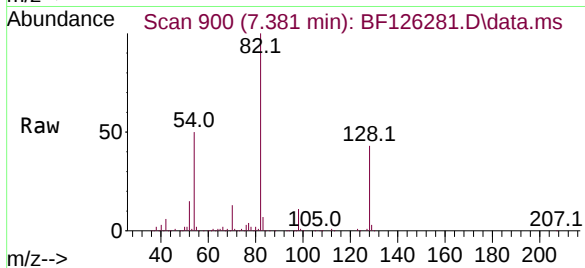
Tgt Ion: 82 Resp: 754363

Ion Ratio Lower Upper

82 100

128 43.2 40.6 60.8

54 50.5 49.6 74.4



#24

Nitrobenzene

Concen: 46.841 ng

RT: 7.398 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

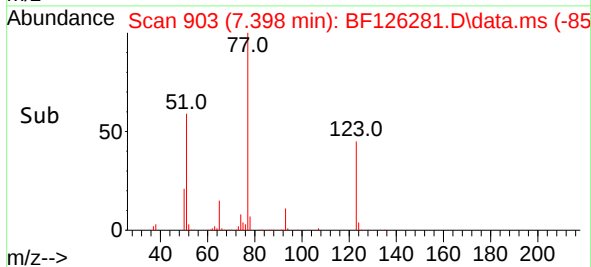
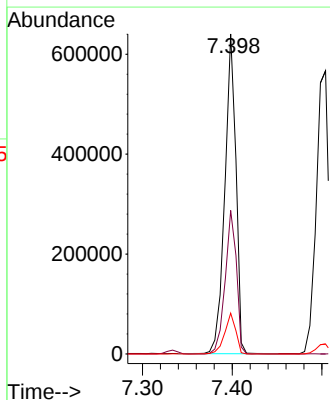
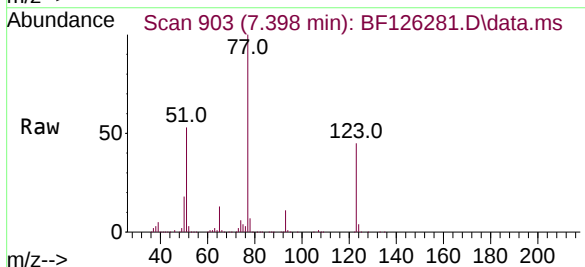
Tgt Ion: 77 Resp: 550867

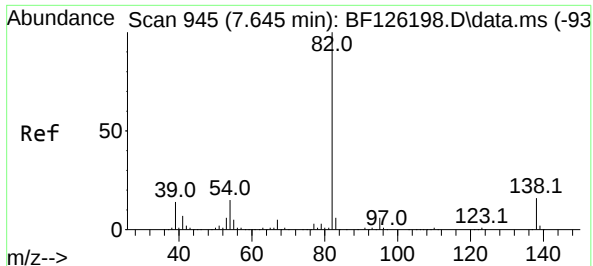
Ion Ratio Lower Upper

77 100

123 44.8 42.3 63.5

65 12.7 12.4 18.6

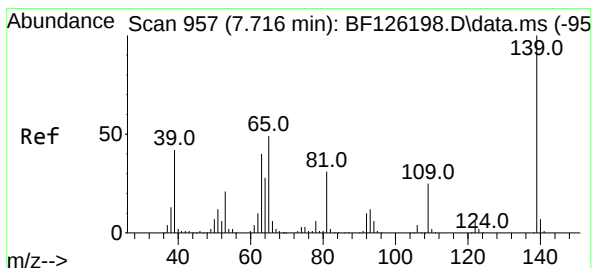
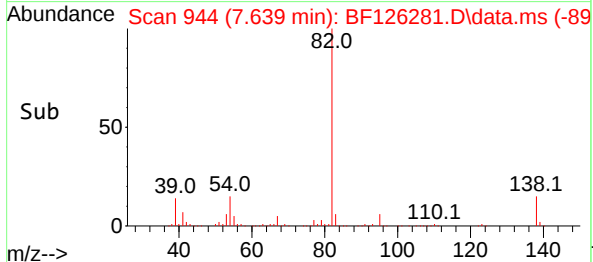
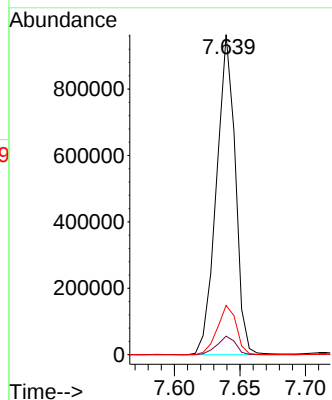
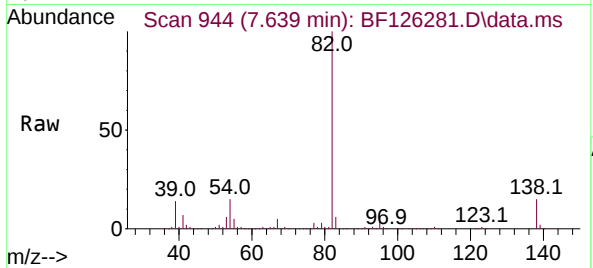




#25
Isophorone
Concen: 43.275 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

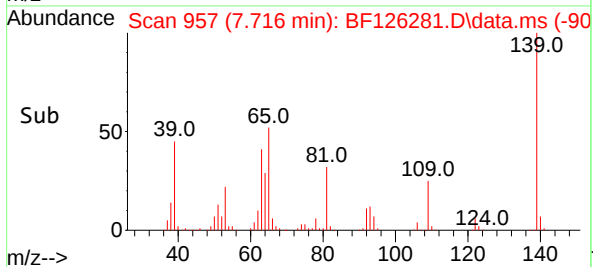
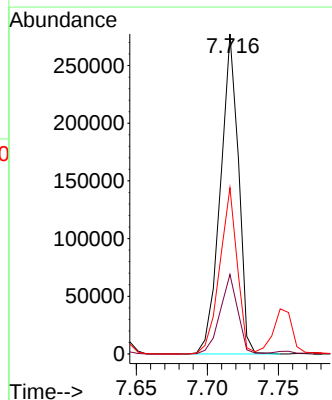
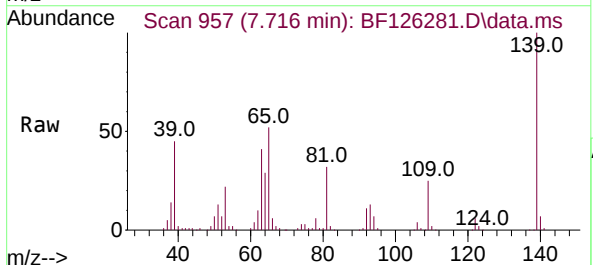
Instrument :
BNA_F
ClientSampleId :
TP13MSD

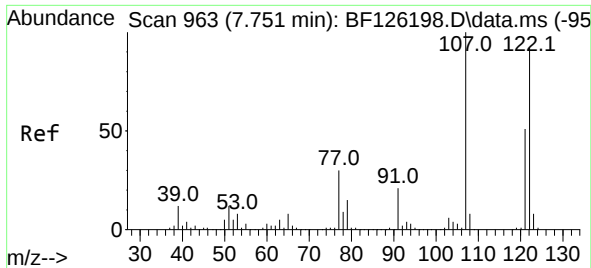
Tgt Ion: 82 Resp: 962711
Ion Ratio Lower Upper
82 100
95 5.8 6.5 9.7#
138 15.4 18.4 27.6#



#26
2-Nitrophenol
Concen: 46.270 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:139 Resp: 245301
Ion Ratio Lower Upper
139 100
109 24.9 26.0 39.0#
65 52.0 31.0 46.4#

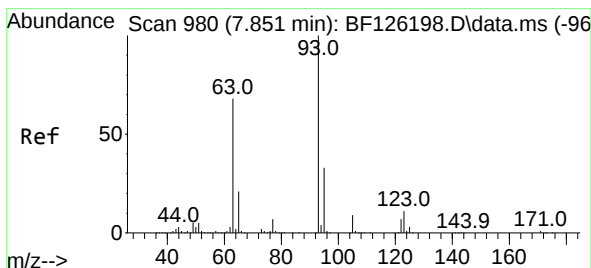
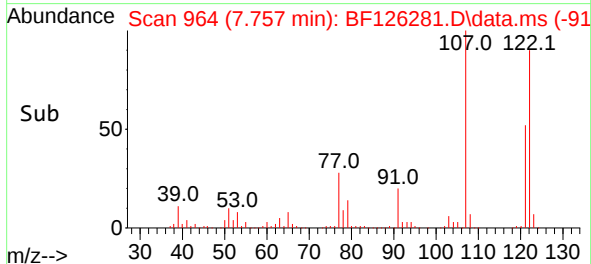
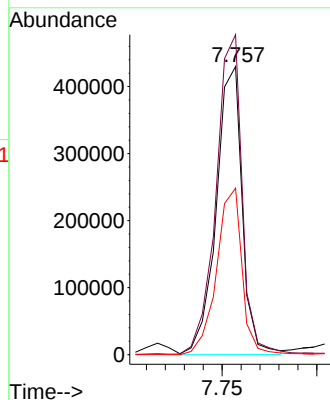
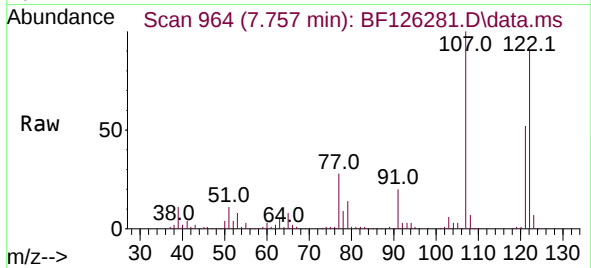




#27
2,4-Dimethylphenol
Concen: 45.474 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

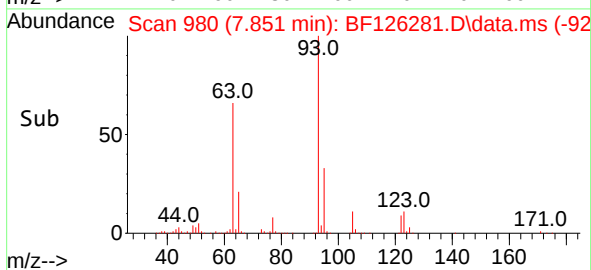
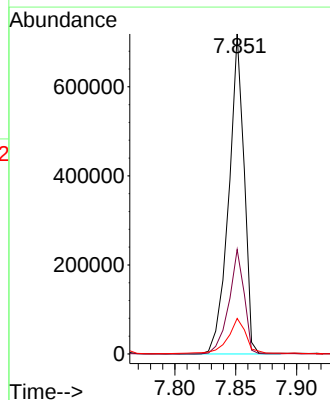
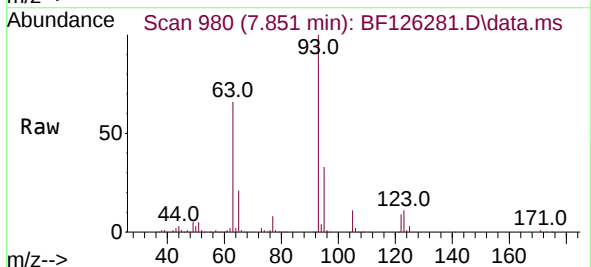
Instrument :
BNA_F
ClientSampleId :
TP13MSD

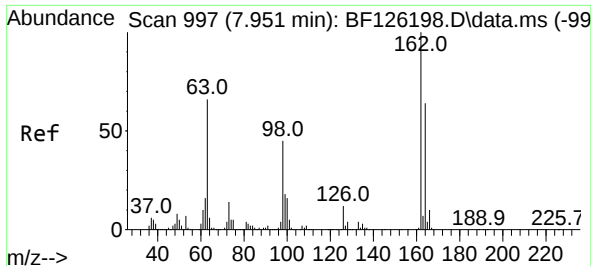
Tgt Ion:122 Resp: 409417
Ion Ratio Lower Upper
122 100
107 111.1 85.0 127.6
121 57.8 43.3 64.9



#28
bis(2-Chloroethoxy)methane
Concen: 42.979 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion: 93 Resp: 628626
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 11.1 11.7 17.5#

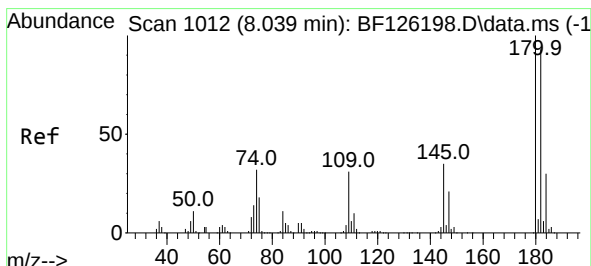
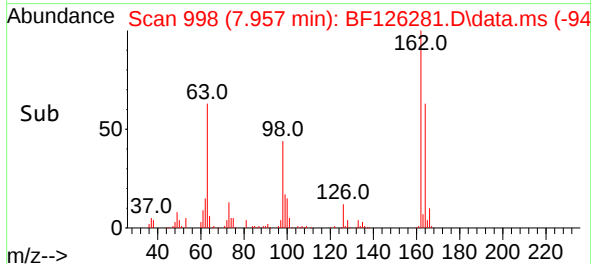
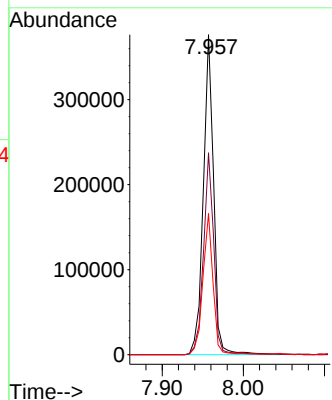
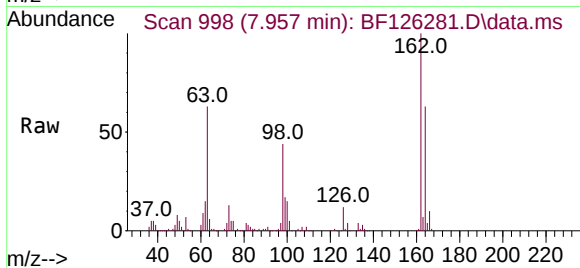




#29
2,4-Dichlorophenol
Concen: 41.520 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

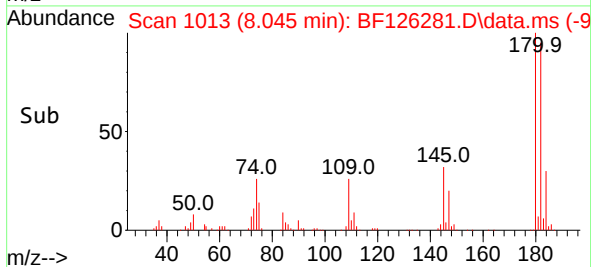
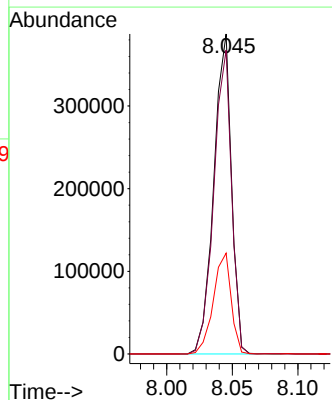
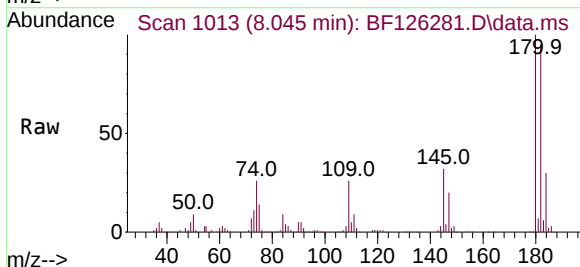
Instrument :
BNA_F
ClientSampleId :
TP13MSD

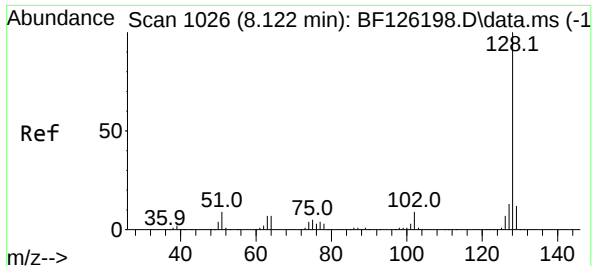
Tgt Ion:162 Resp: 332282
Ion Ratio Lower Upper
162 100
164 63.1 44.5 84.5
98 44.1 13.0 53.0



#30
1,2,4-Trichlorobenzene
Concen: 43.917 ng
RT: 8.045 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:180 Resp: 363545
Ion Ratio Lower Upper
180 100
182 95.0 76.8 115.2
145 31.5 26.7 40.1

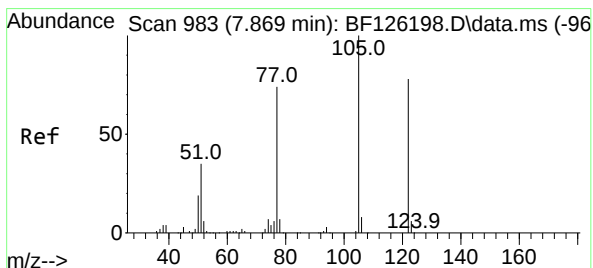
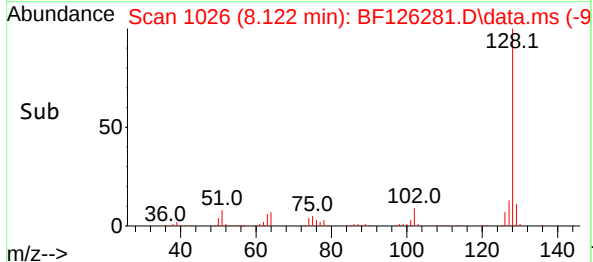
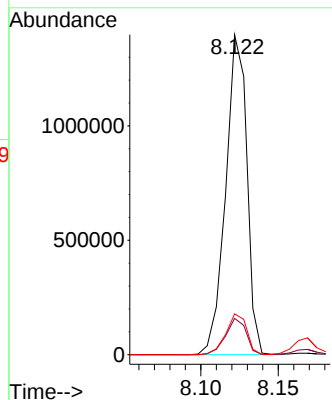
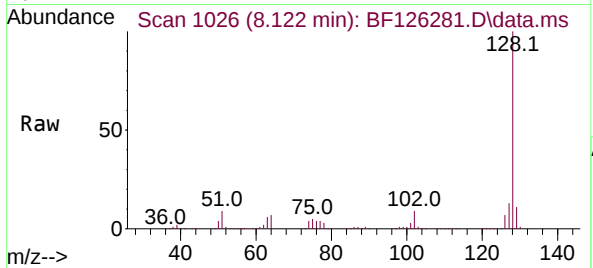




#31
Naphthalene
Concen: 44.626 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

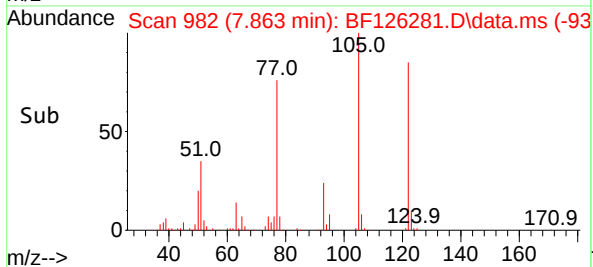
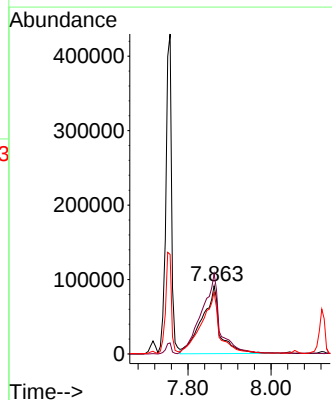
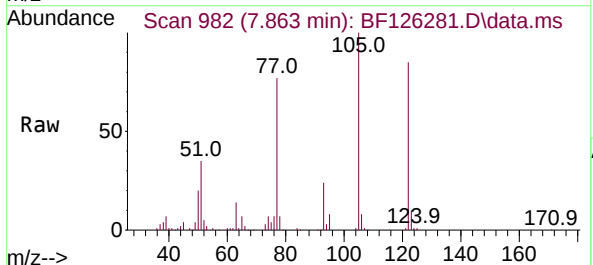
Instrument :
BNA_F
ClientSampleId :
TP13MSD

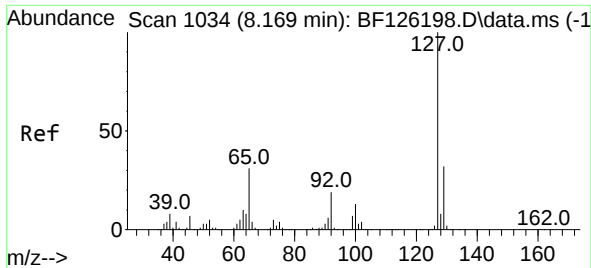
Tgt Ion:128 Resp: 1331545
Ion Ratio Lower Upper
128 100
129 11.3 9.4 14.0
127 12.8 10.9 16.3



#32
Benzoic acid
Concen: 35.600 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:122 Resp: 276127
Ion Ratio Lower Upper
122 100
105 117.6 97.6 137.6
77 90.5 59.6 99.6

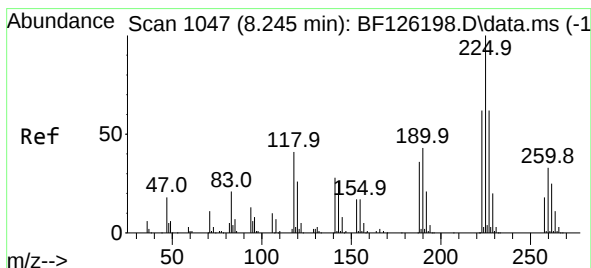
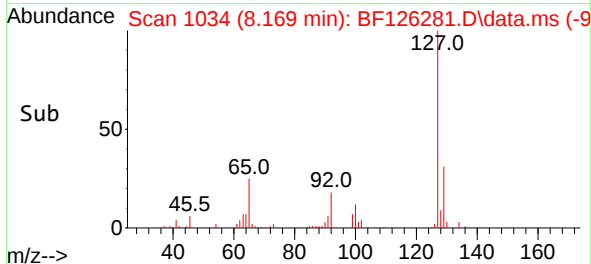
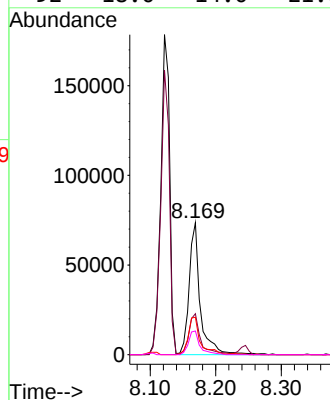
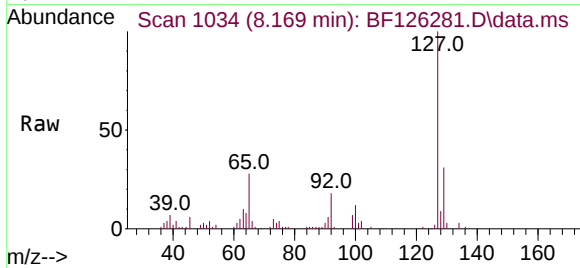




#33
4-Chloroaniline
Concen: 6.970 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

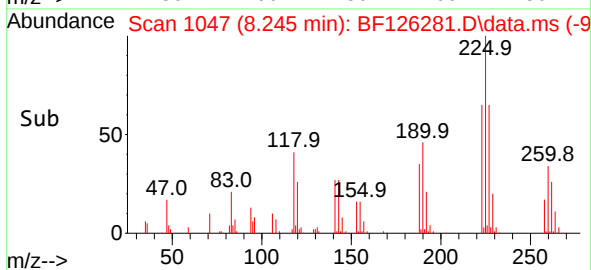
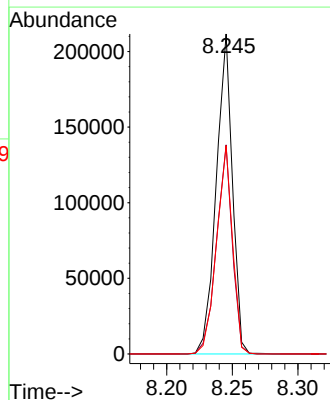
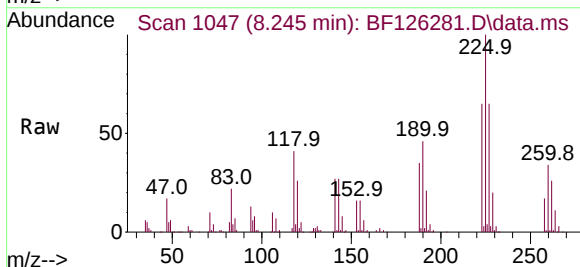
Instrument :
BNA_F
ClientSampleId :
TP13MSD

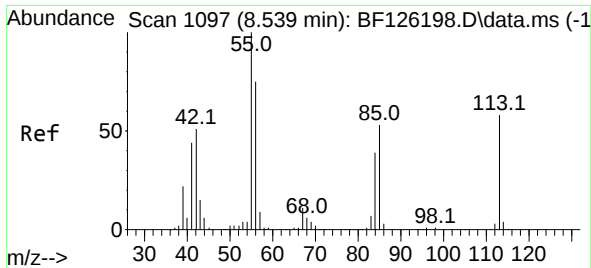
Tgt Ion:	127	Resp:	86832
Ion Ratio	Lower	Upper	
127	100		
129	31.1	25.7	38.5
65	28.4	21.2	31.8
92	18.0	14.0	21.0



#34
Hexachlorobutadiene
Concen: 44.499 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:	225	Resp:	180912
Ion Ratio	Lower	Upper	
225	100		
223	65.3	50.6	76.0
227	65.1	50.6	75.8

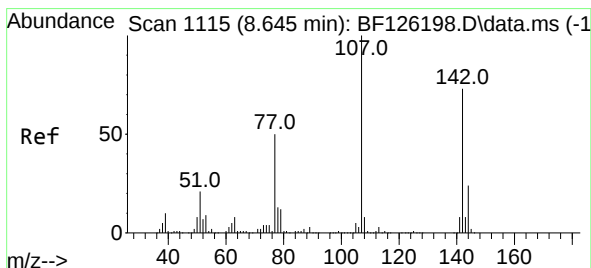
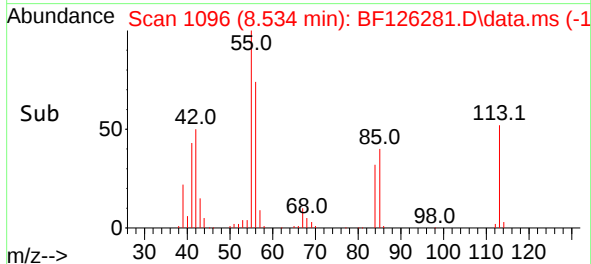
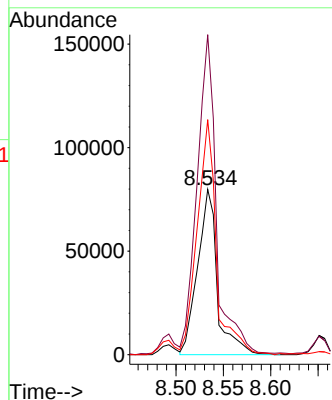
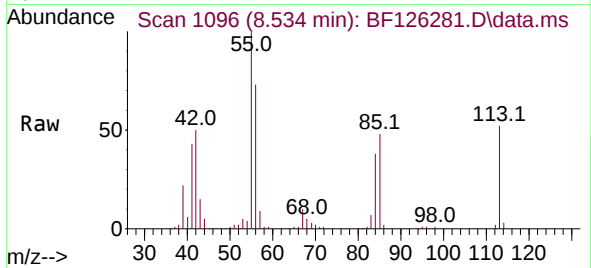




#35
 Caprolactam
 Concen: 58.220 ng
 RT: 8.534 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

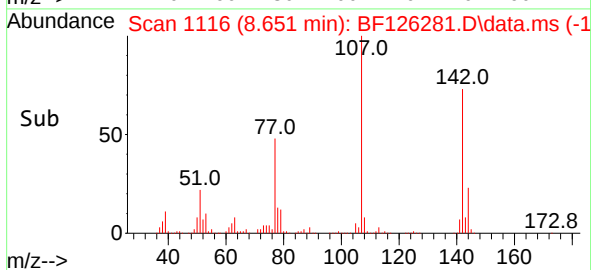
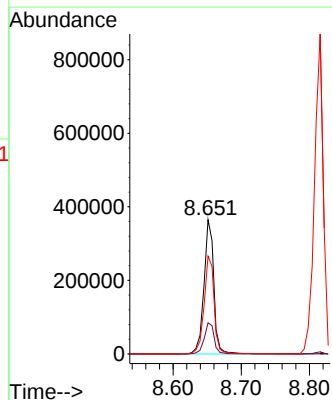
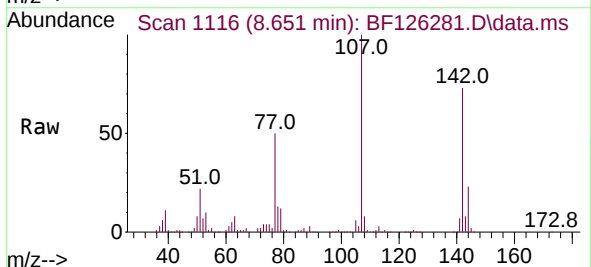
Instrument :
 BNA_F
 ClientSampleId :
 TP13MSD

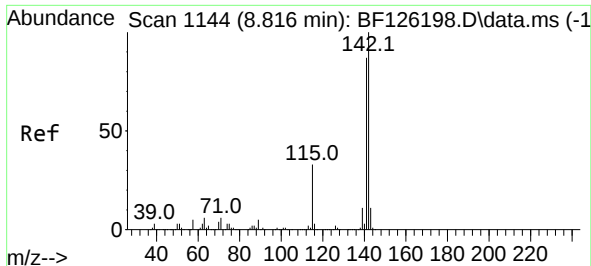
Tgt Ion:113 Resp: 115795
 Ion Ratio Lower Upper
 113 100
 55 193.7 154.1 194.1
 56 142.3 108.7 148.7



#36
 4-Chloro-3-methylphenol
 Concen: 38.865 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

Tgt Ion:107 Resp: 366892
 Ion Ratio Lower Upper
 107 100
 144 23.3 21.9 32.9
 142 72.8 67.1 100.7

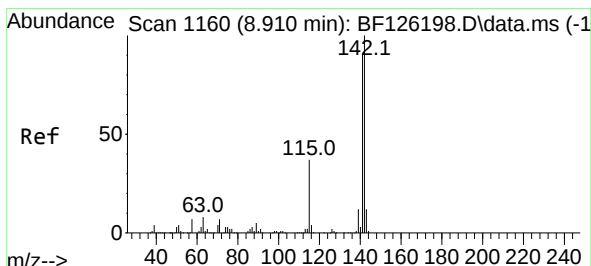
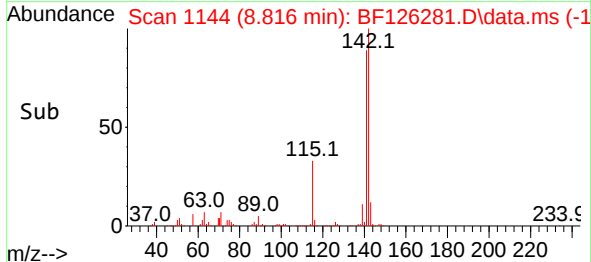
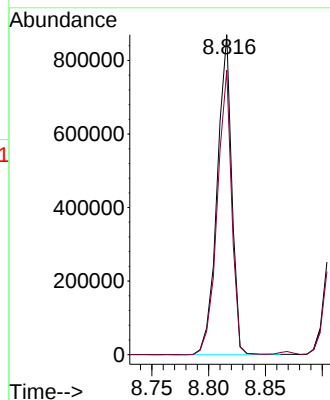
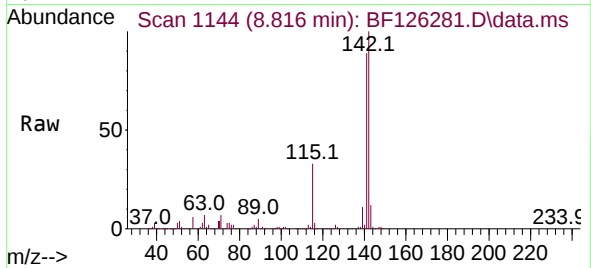




#37
2-Methylnaphthalene
Concen: 42.311 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

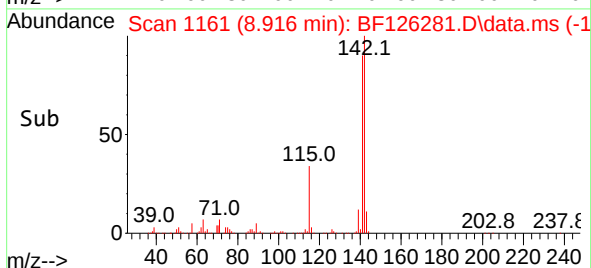
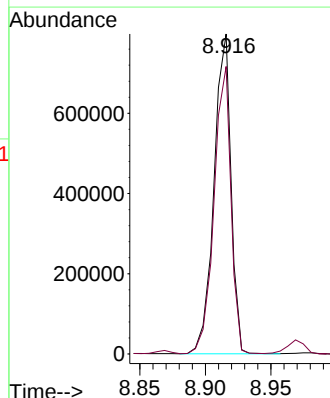
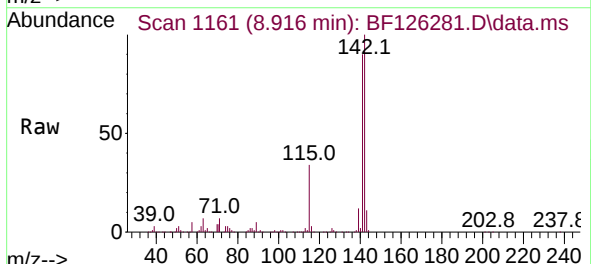
Instrument :
BNA_F
ClientSampleId :
TP13MSD

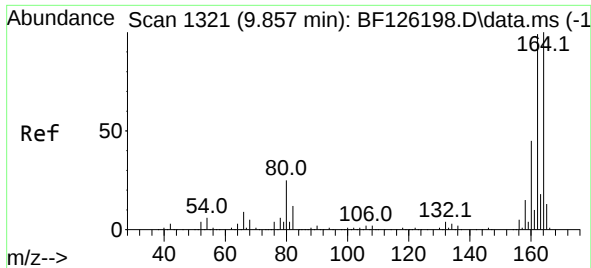
Tgt Ion:142 Resp: 777474
Ion Ratio Lower Upper
142 100
141 88.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 40.249 ng
RT: 8.916 min Scan# 1161
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:142 Resp: 717742
Ion Ratio Lower Upper
142 100
141 89.9 76.0 114.0

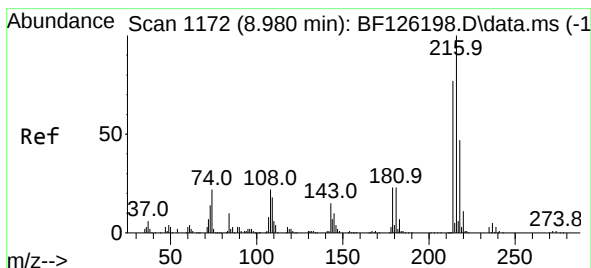
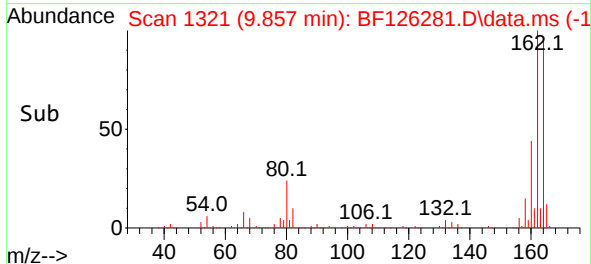
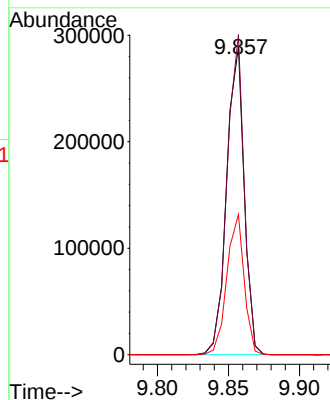
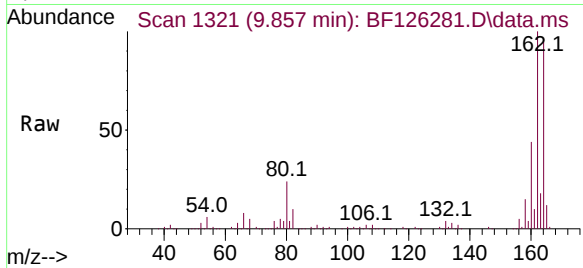




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

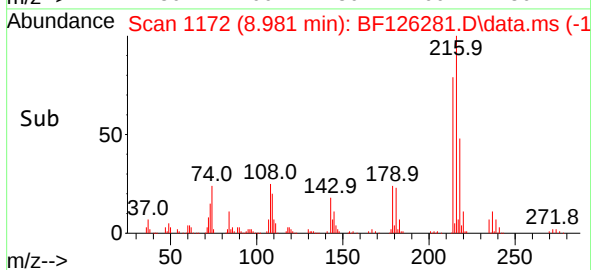
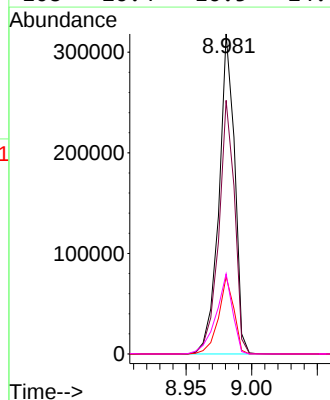
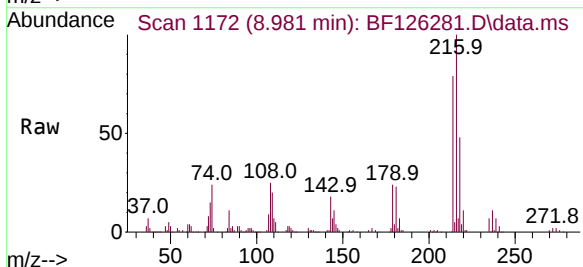
Instrument :
BNA_F
ClientSampleId :
TP13MSD

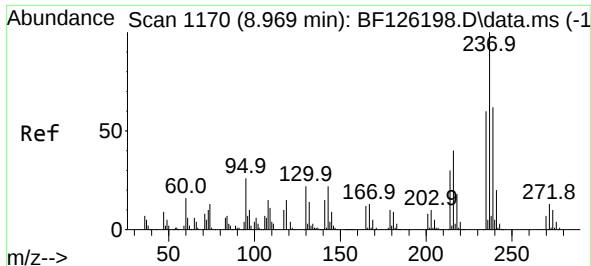
Tgt Ion:164 Resp: 247713
Ion Ratio Lower Upper
164 100
162 103.9 81.3 121.9
160 45.5 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.483 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:216 Resp: 264555
Ion Ratio Lower Upper
216 100
214 79.1 64.9 97.3
179 23.5 17.4 26.2
108 26.4 16.5 24.7#

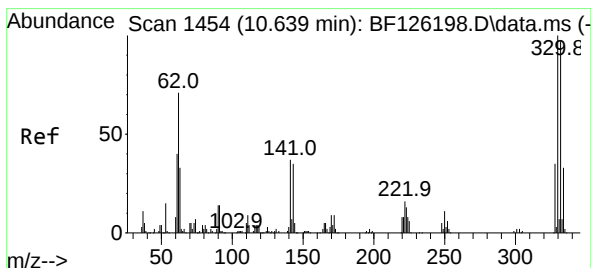
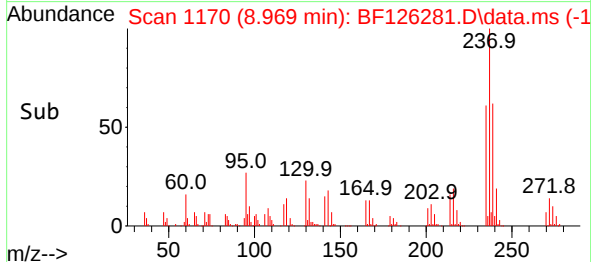
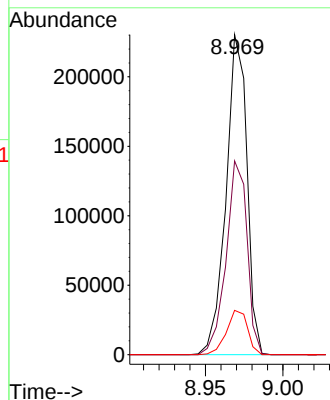
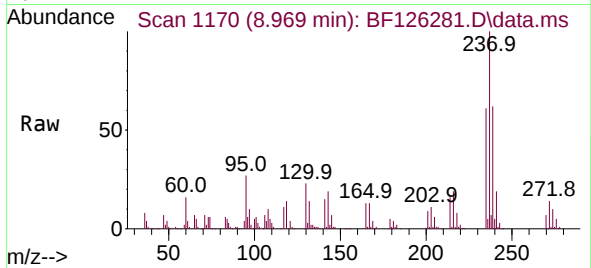




#41
Hexachlorocyclopentadiene
Concen: 70.412 ng
RT: 8.969 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

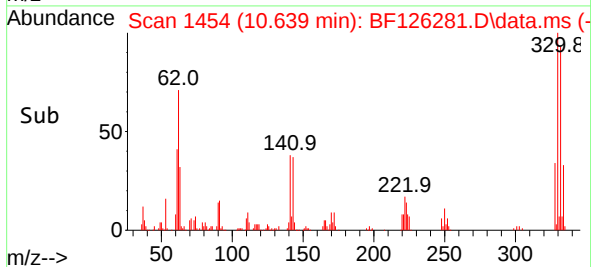
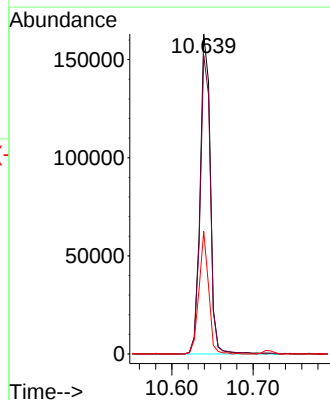
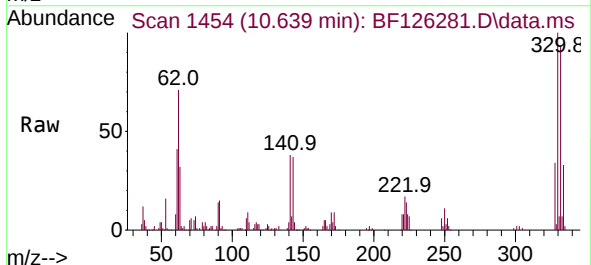
Instrument :
BNA_F
ClientSampleId :
TP13MSD

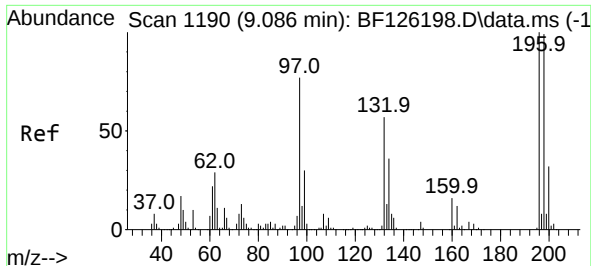
Tgt Ion:237 Resp: 215571
Ion Ratio Lower Upper
237 100
235 60.6 44.7 84.7
272 13.9 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 71.701 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:330 Resp: 142738
Ion Ratio Lower Upper
330 100
332 94.2 76.2 114.4
141 35.9 44.6 66.8#

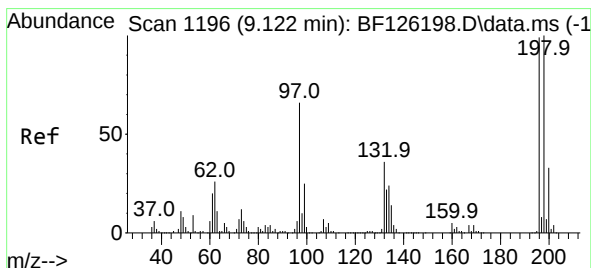
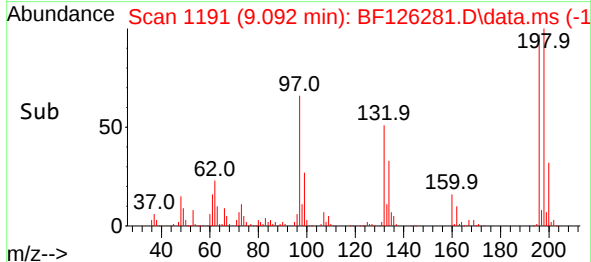
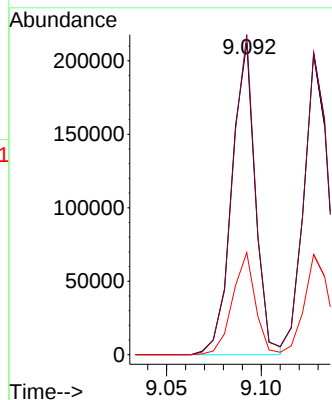
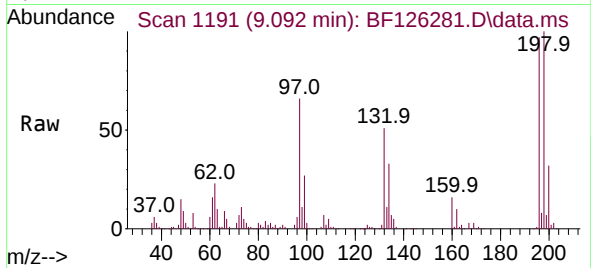




#43
2,4,6-Trichlorophenol
Concen: 43.516 ng
RT: 9.092 min Scan# 1191
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

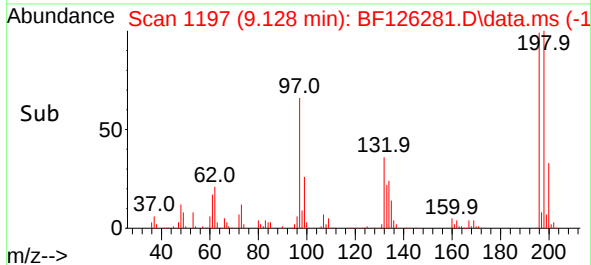
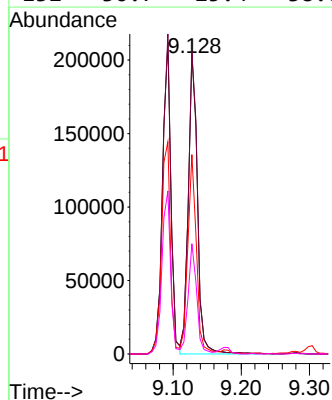
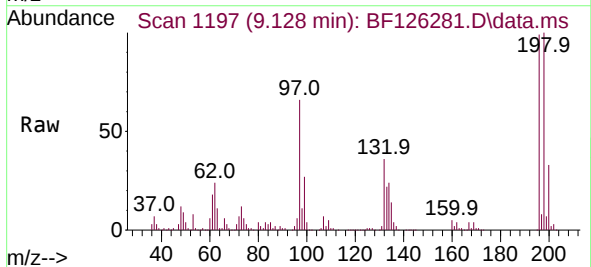
Instrument :
BNA_F
ClientSampleId :
TP13MSD

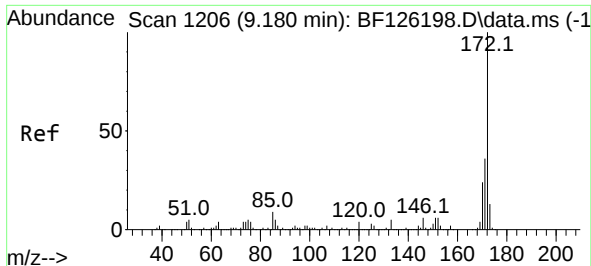
Tgt Ion:196 Resp: 183015
Ion Ratio Lower Upper
196 100
198 102.7 74.9 112.3
200 32.8 27.0 40.4



#44
2,4,5-Trichlorophenol
Concen: 43.593 ng
RT: 9.128 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:196 Resp: 189860
Ion Ratio Lower Upper
196 100
198 100.6 80.2 120.2
97 66.4 44.0 66.0#
132 36.7 25.4 38.0

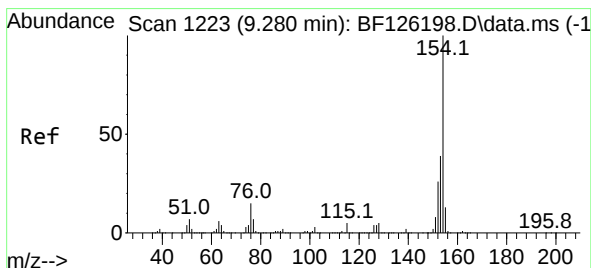
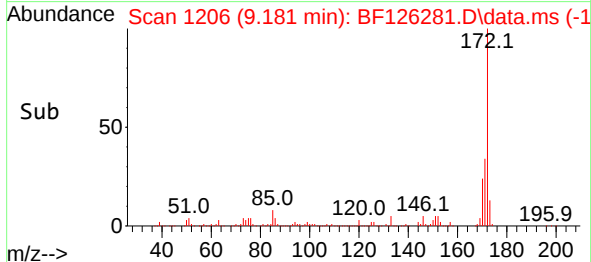
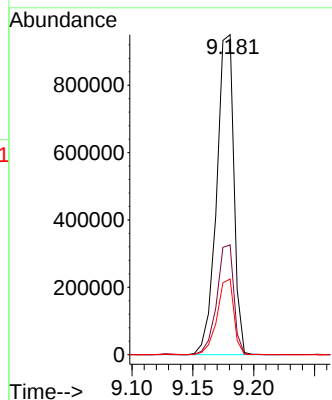
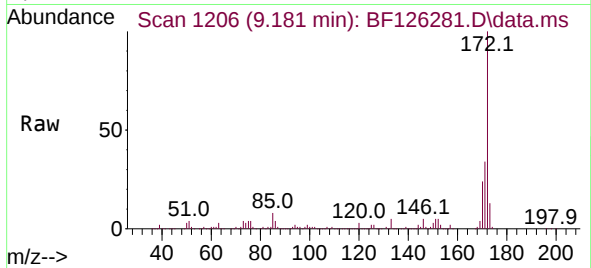




#45
2-Fluorobiphenyl
Concen: 66.338 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

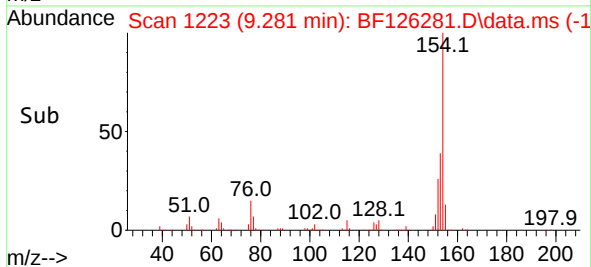
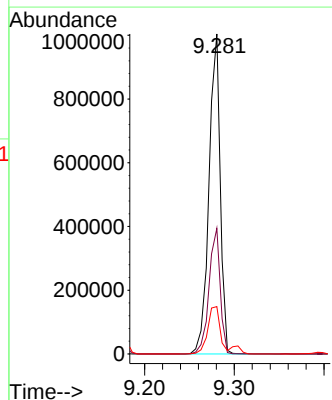
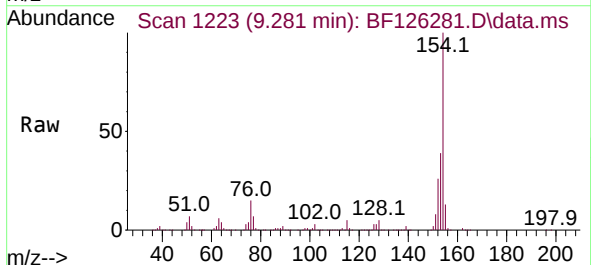
Instrument :
BNA_F
ClientSampleId :
TP13MSD

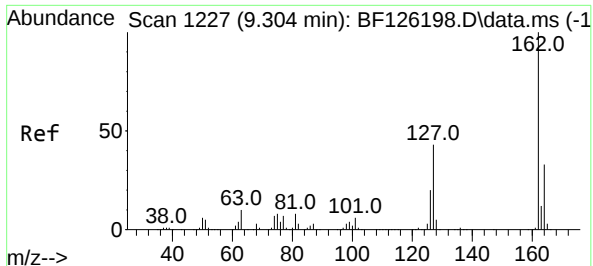
Tgt Ion:172 Resp: 936943
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 47.609 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:154 Resp: 872014
Ion Ratio Lower Upper
154 100
153 39.2 20.0 60.0
76 14.8 0.0 30.3

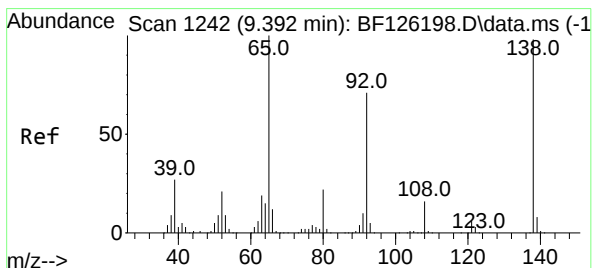
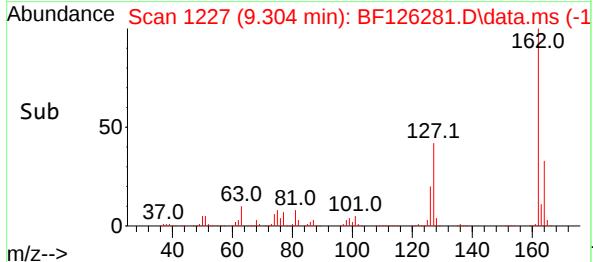
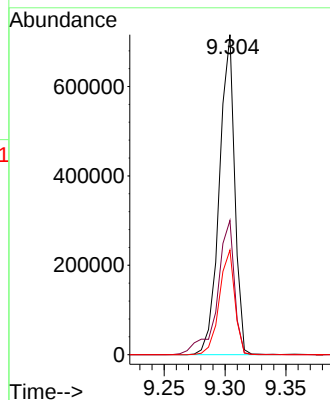
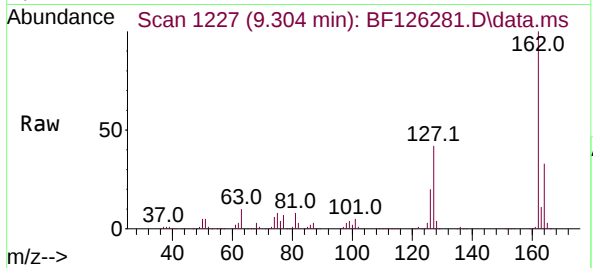




#47
2-Chloronaphthalene
Concen: 45.834 ng
RT: 9.304 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

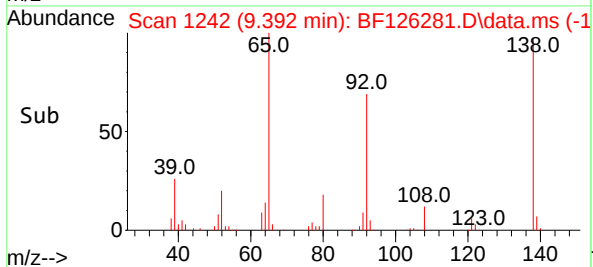
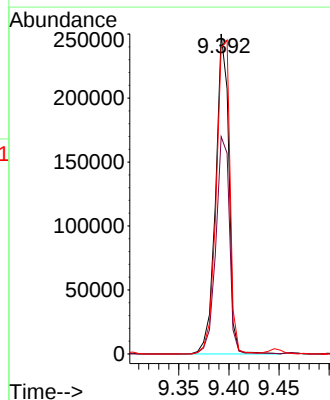
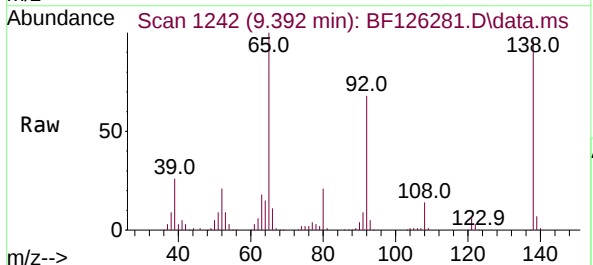
Instrument :
BNA_F
ClientSampleId :
TP13MSD

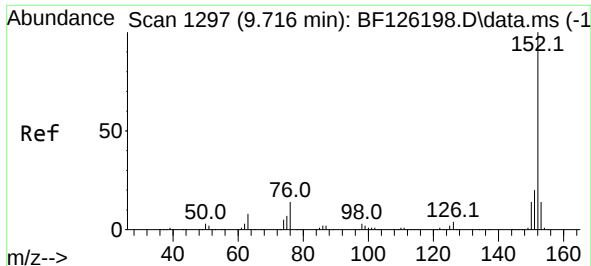
Tgt Ion:	162	Resp:	631633
Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.0	49.4
164	32.7	25.8	38.8



#48
2-Nitroaniline
Concen: 45.401 ng
RT: 9.392 min Scan# 1242
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:	65	Resp:	228367
Ion	Ratio	Lower	Upper
65	100		
92	67.9	55.5	83.3
138	95.6	93.5	140.3

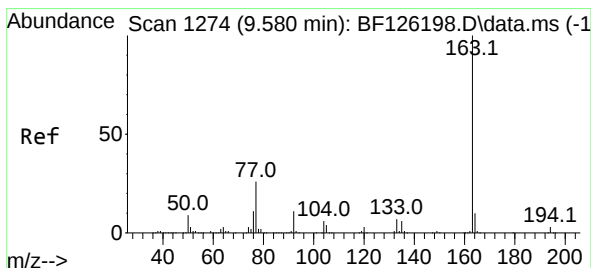
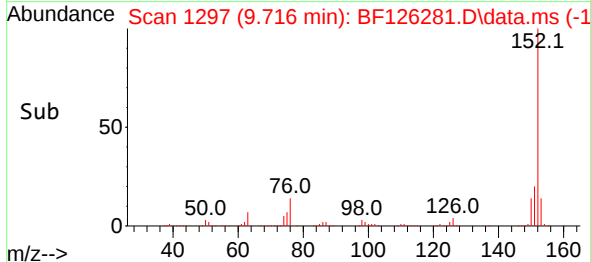
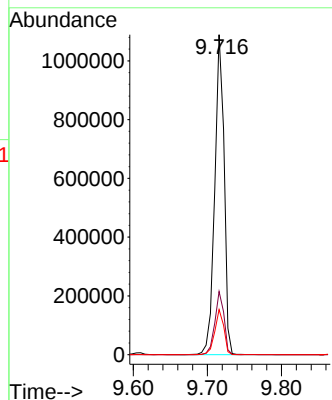
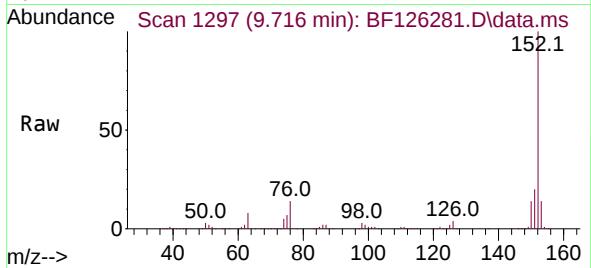




#49
Acenaphthylene
Concen: 45.255 ng
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

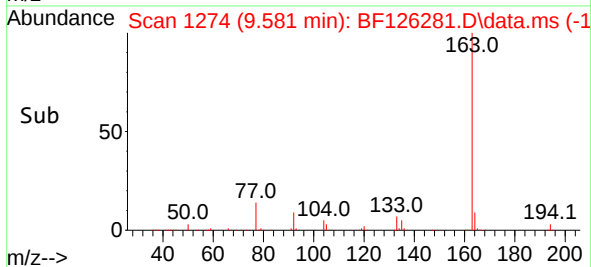
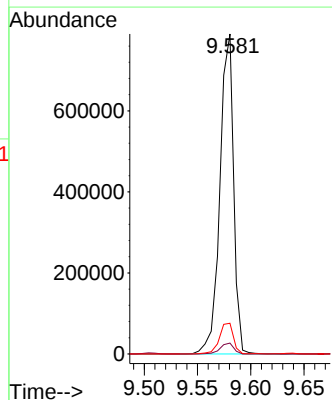
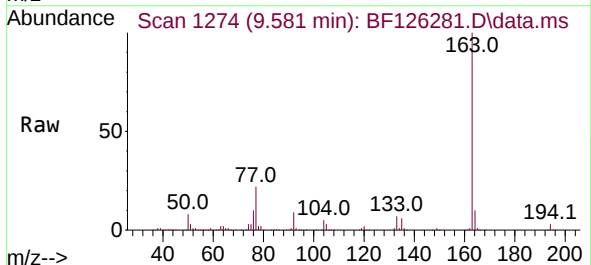
Instrument :
BNA_F
ClientSampleId :
TP13MSD

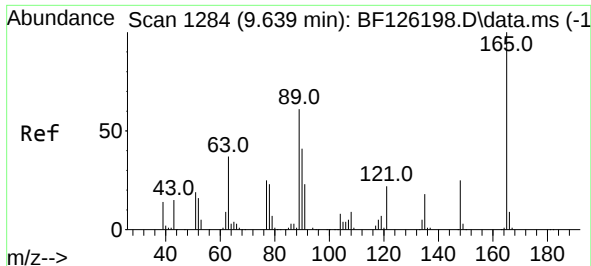
Tgt Ion:152 Resp: 952952
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 14.1 9.8 14.8



#50
Dimethylphthalate
Concen: 44.942 ng
RT: 9.581 min Scan# 1274
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:163 Resp: 705197
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 9.6 7.4 11.0





#51

2,6-Dinitrotoluene

Concen: 44.334 ng

RT: 9.639 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

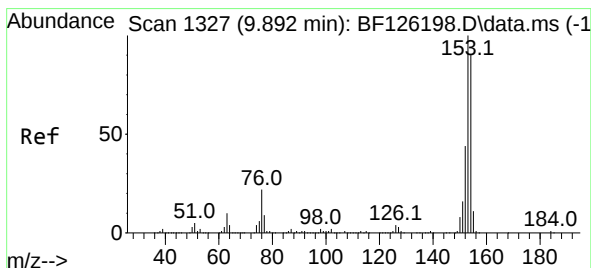
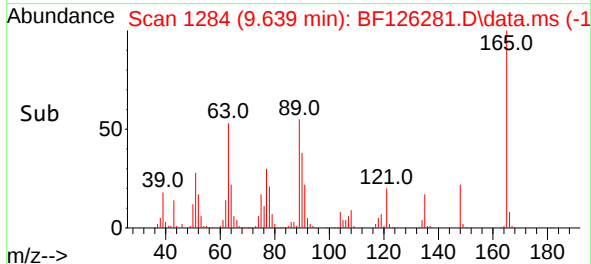
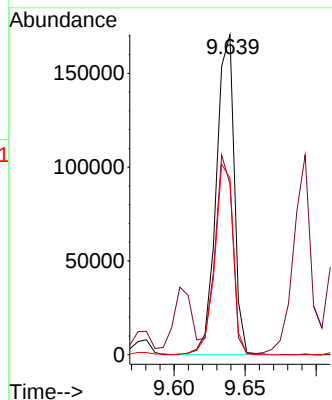
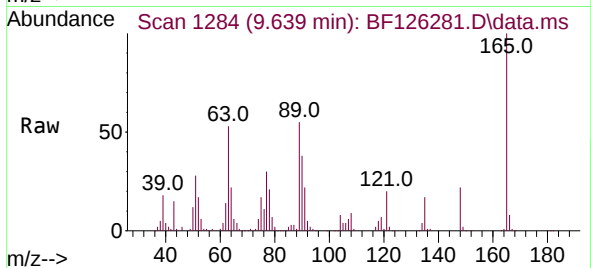
Tgt Ion:165 Resp: 150573

Ion Ratio Lower Upper

165 100

63 53.3 42.6 63.8

89 55.1 40.6 60.8



#52

Acenaphthene

Concen: 45.111 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

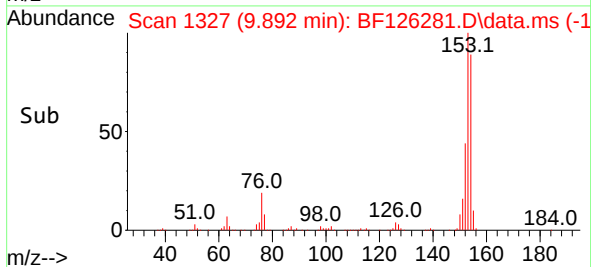
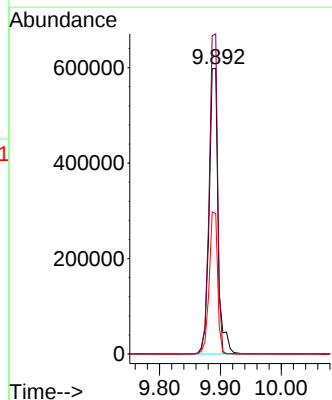
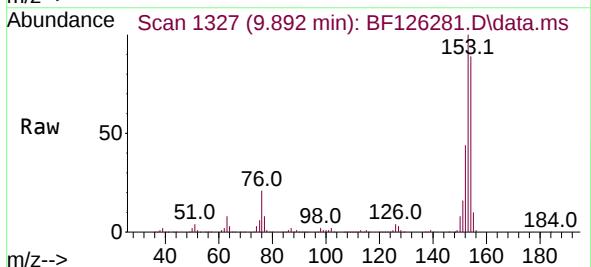
Tgt Ion:154 Resp: 616032

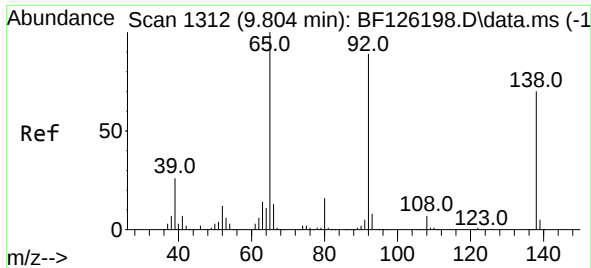
Ion Ratio Lower Upper

154 100

153 112.1 89.4 134.2

152 49.2 40.5 60.7

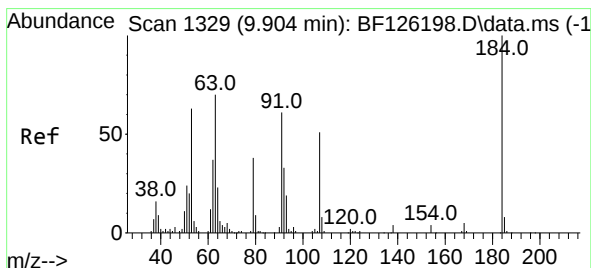
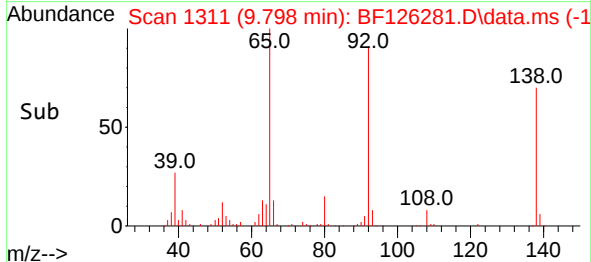
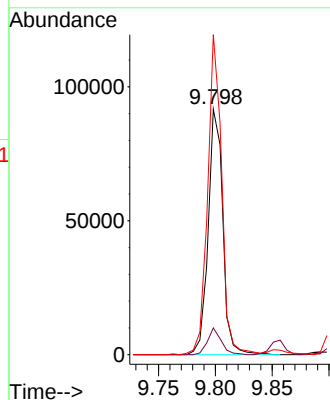
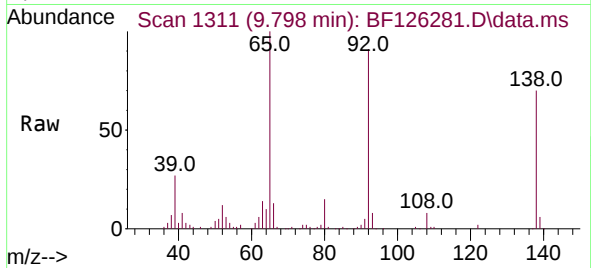




#53
3-Nitroaniline
Concen: 18.916 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

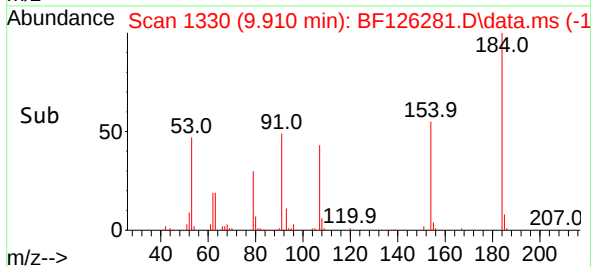
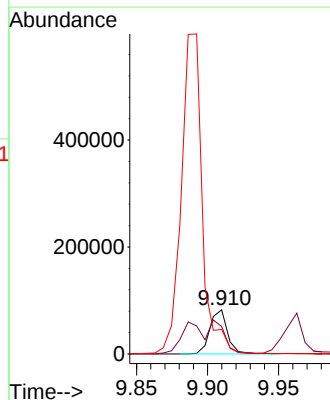
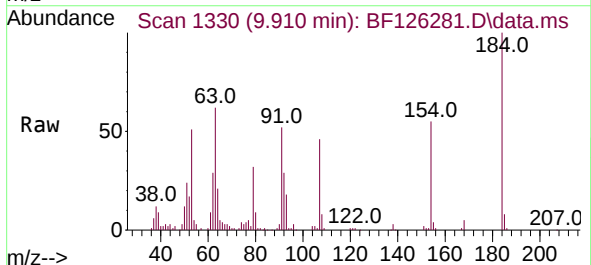
Instrument :
BNA_F
ClientSampleId :
TP13MSD

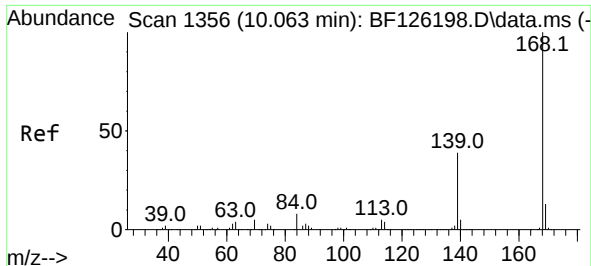
Tgt Ion:138 Resp: 81655
Ion Ratio Lower Upper
138 100
108 10.9 9.3 13.9
92 130.3 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 51.067 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:184 Resp: 71414
Ion Ratio Lower Upper
184 100
63 62.3 59.3 88.9
154 55.4 68.6 102.8#

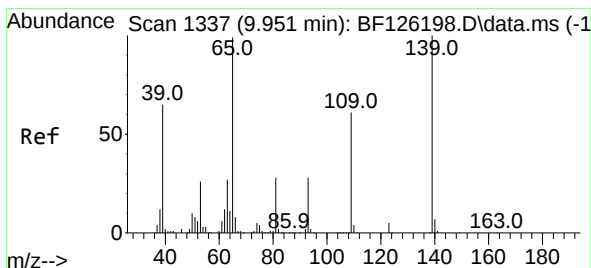
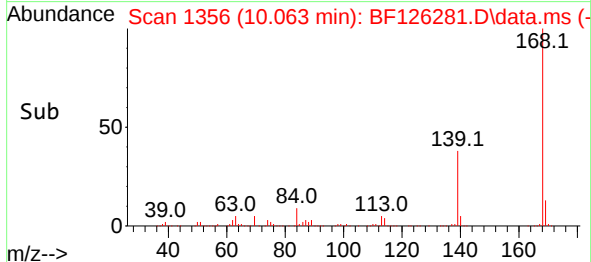
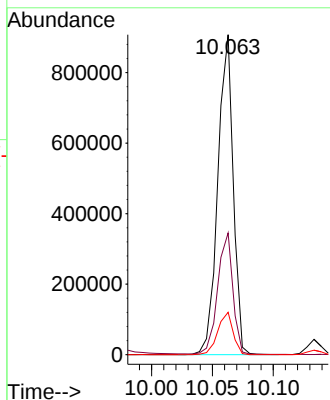
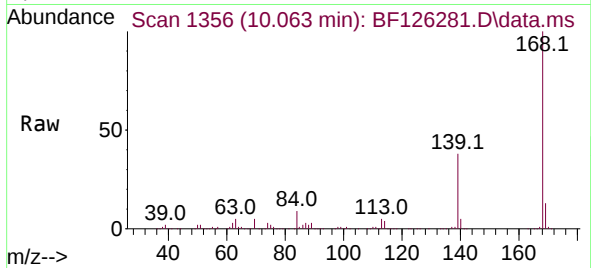




#55
Dibenzenofuran
Concen: 43.040 ng
RT: 10.063 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

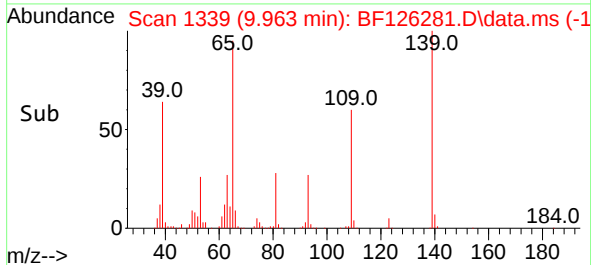
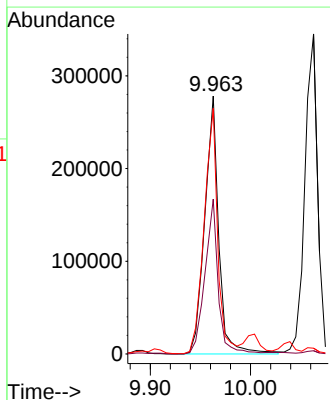
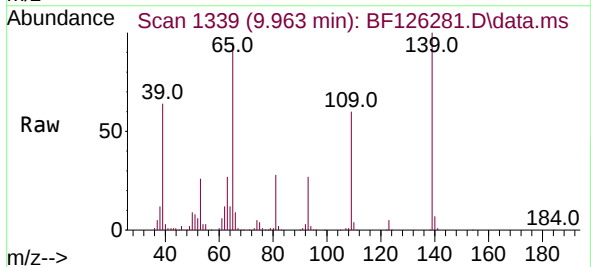
Instrument :
BNA_F
ClientSampleId :
TP13MSD

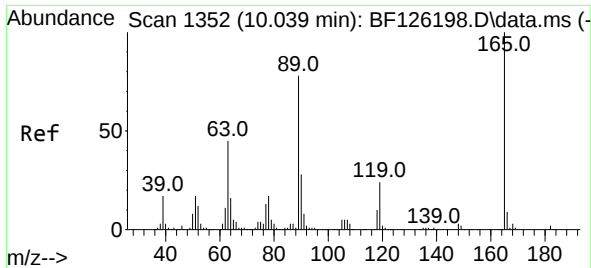
Tgt Ion:168 Resp: 800217
Ion Ratio Lower Upper
168 100
139 38.0 32.7 49.1
169 13.3 11.2 16.8



#56
4-Nitrophenol
Concen: 87.209 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:139 Resp: 271931
Ion Ratio Lower Upper
139 100
109 60.0 60.4 100.4#
65 95.2 58.4 98.4

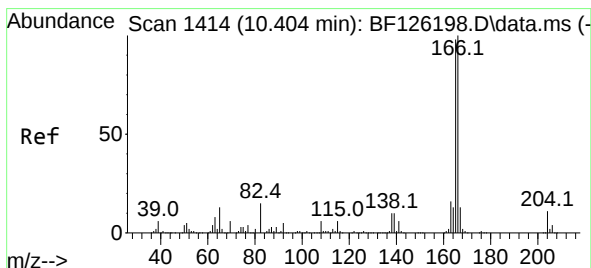
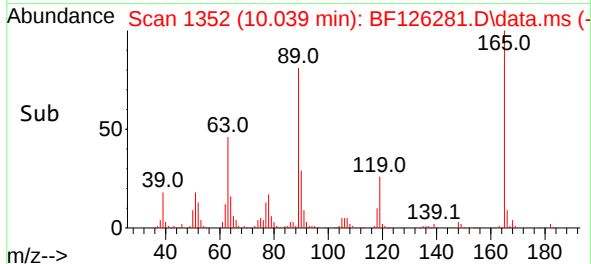
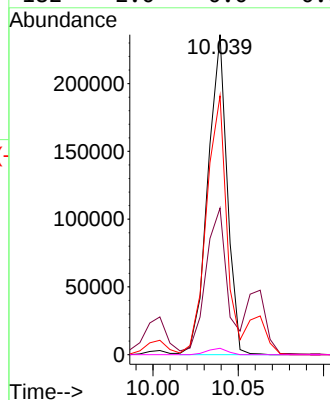
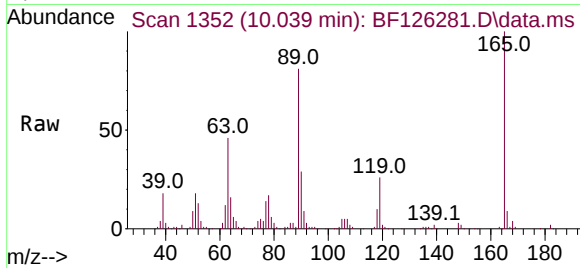




#57
2,4-Dinitrotoluene
Concen: 42.864 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

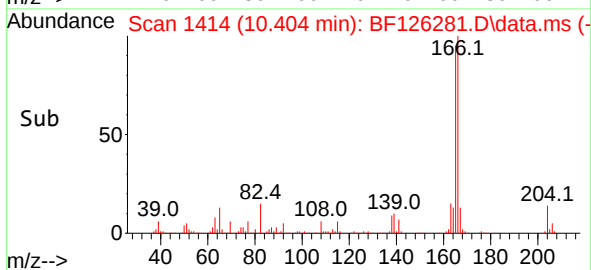
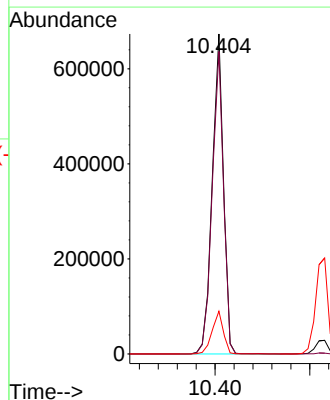
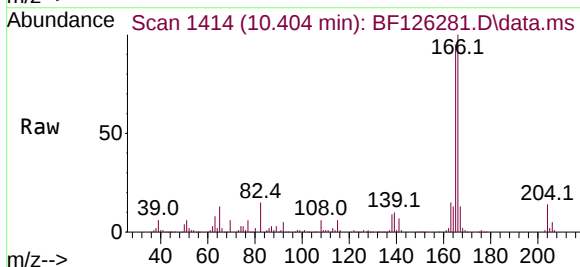
Instrument :
BNA_F
ClientSampleId :
TP13MSD

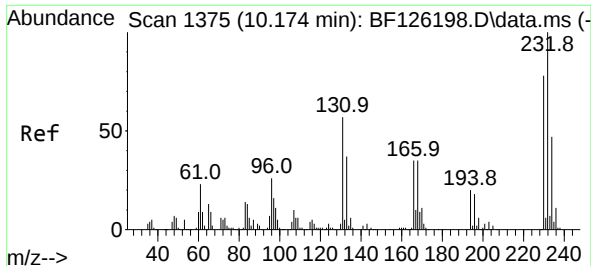
Tgt Ion:165 Resp: 185703
Ion Ratio Lower Upper
165 100
63 45.8 40.9 61.3
89 80.9 59.7 89.5
182 2.0 0.0 0.0#



#58
Fluorene
Concen: 41.182 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:166 Resp: 554309
Ion Ratio Lower Upper
166 100
165 94.6 78.1 117.1
167 13.3 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 40.276 ng

RT: 10.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

Tgt Ion:232 Resp: 130062

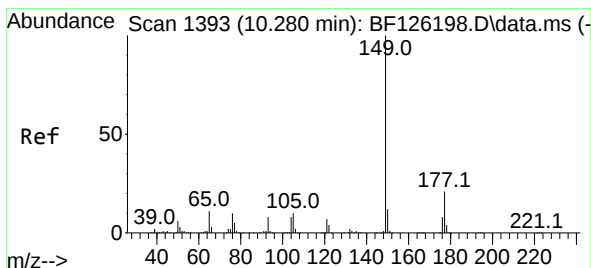
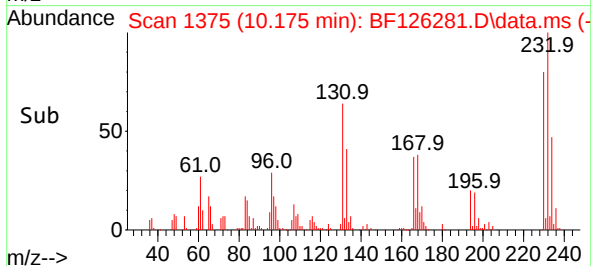
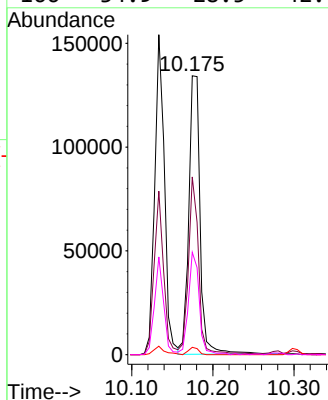
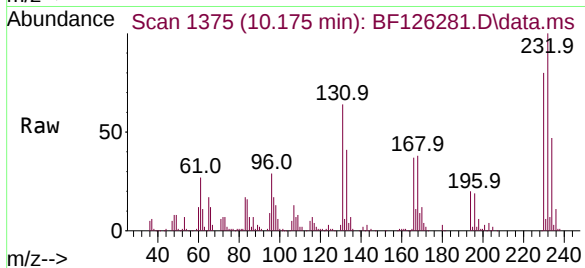
Ion Ratio Lower Upper

232 100

131 56.1 45.4 68.0

130 2.3 0.0 0.0#

166 34.9 28.5 42.7



#60

Diethylphthalate

Concen: 42.213 ng

RT: 10.280 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

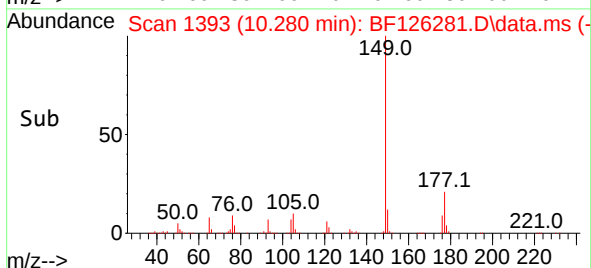
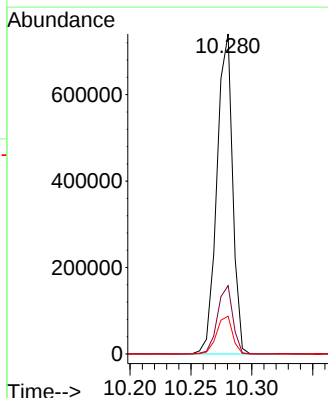
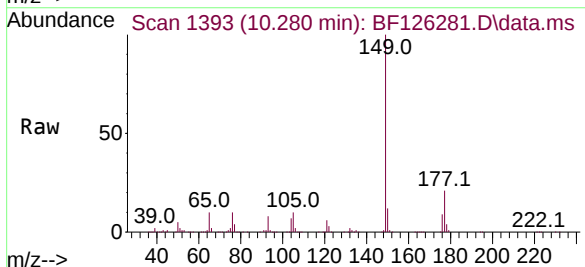
Tgt Ion:149 Resp: 665662

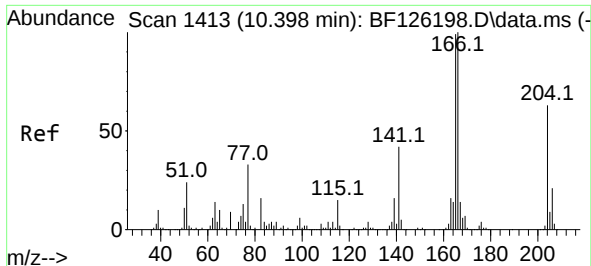
Ion Ratio Lower Upper

149 100

177 21.3 16.5 24.7

150 11.8 10.1 15.1

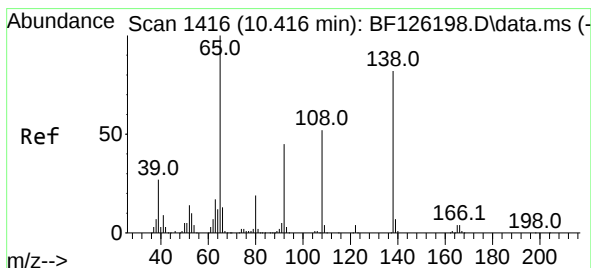
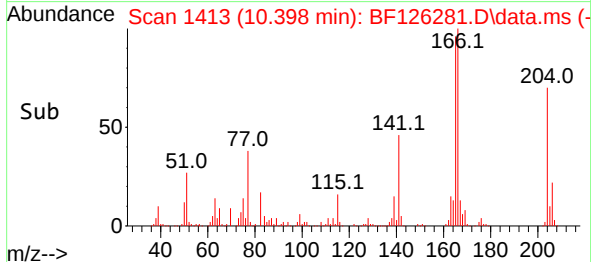
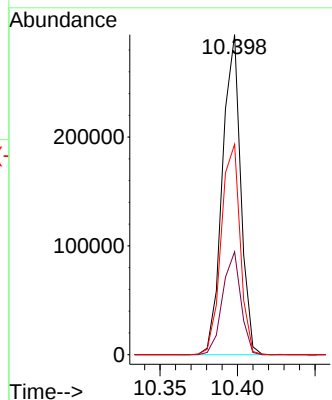
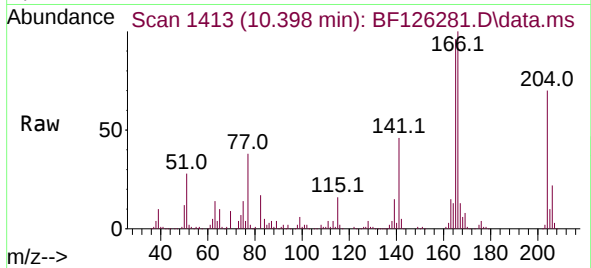




#61
4-Chlorophenyl-phenylether
Concen: 39.850 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

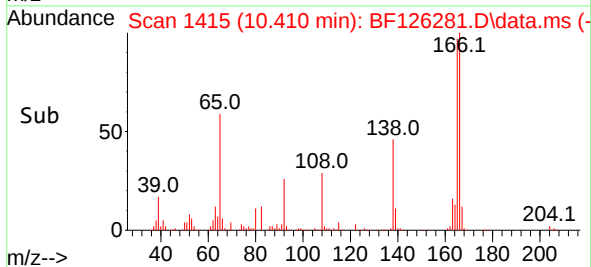
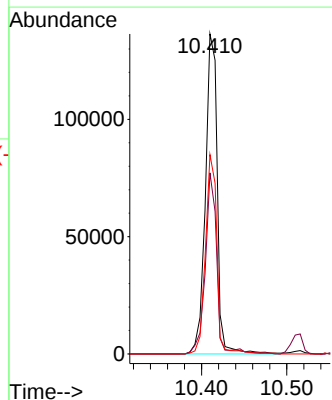
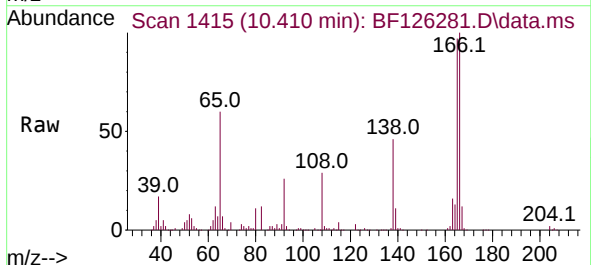
Instrument :
BNA_F
ClientSampleId :
TP13MSD

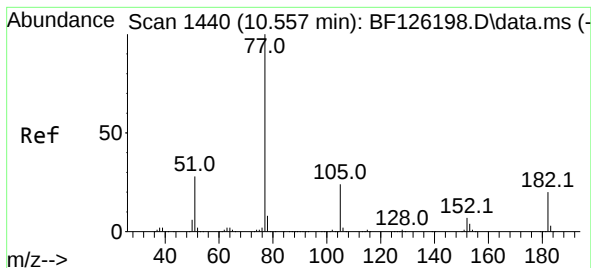
Tgt Ion:204 Resp: 241502
Ion Ratio Lower Upper
204 100
206 32.1 27.6 41.4
141 65.7 58.6 88.0



#62
4-Nitroaniline
Concen: 36.511 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:138 Resp: 132216
Ion Ratio Lower Upper
138 100
92 56.6 29.6 69.6
108 62.3 78.1 118.1#

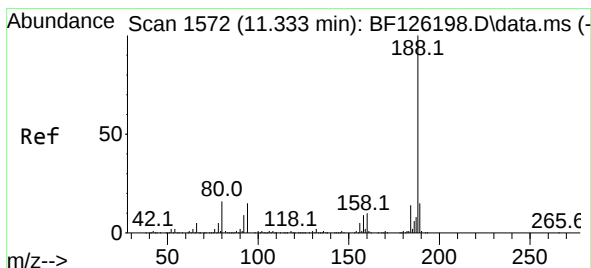
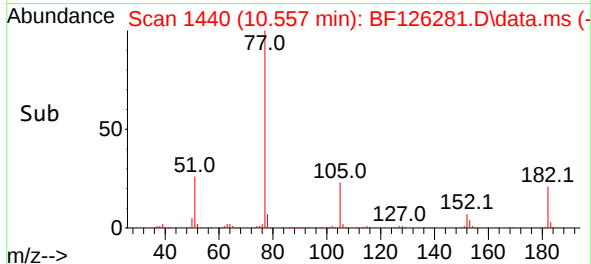
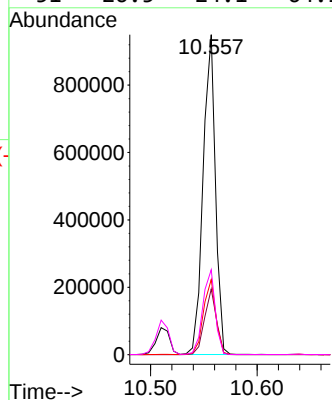
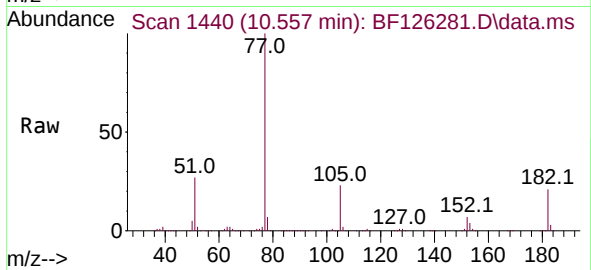




#63
Azobenzene
Concen: 40.205 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

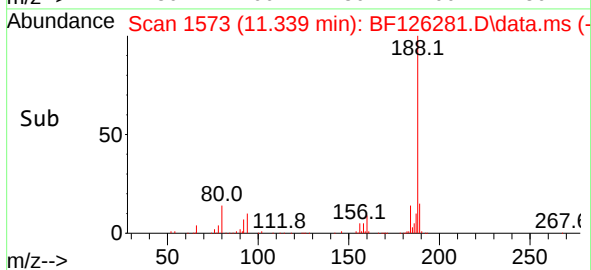
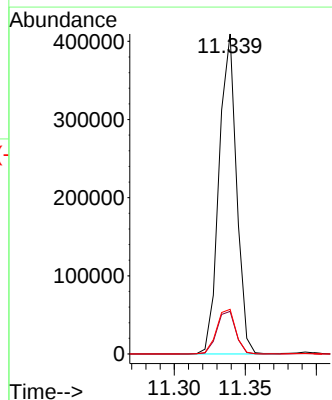
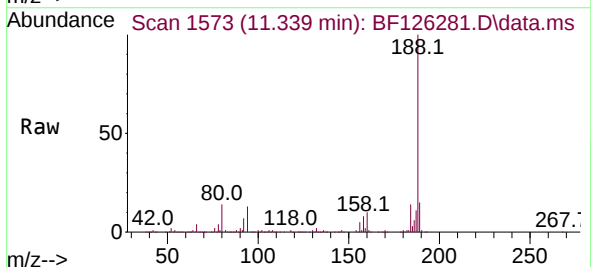
Instrument :
BNA_F
ClientSampleId :
TP13MSD

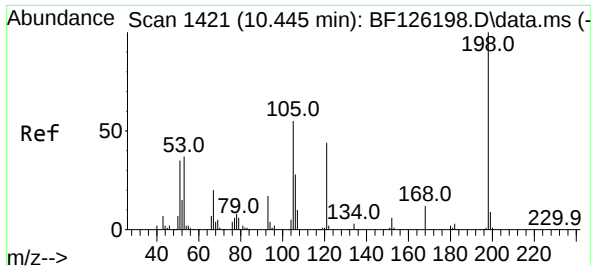
Tgt Ion: 77	Resp: 767909
Ion Ratio	Lower Upper
77 100	
182 20.6	6.3 46.3
105 23.5	2.9 42.9
51 26.5	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt	Ion:188	Resp:	349944
Ion	Ratio	Lower	Upper
188	100		
94	13.3	6.7	10.1#
80	14.0	7.5	11.3#

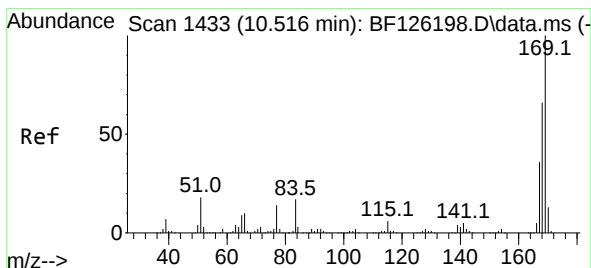
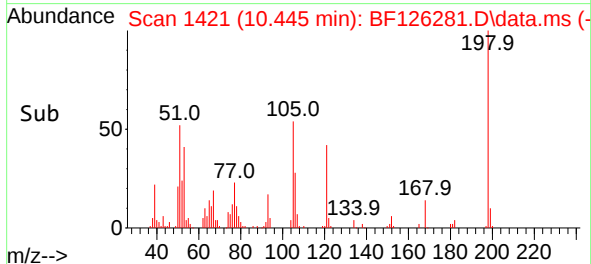
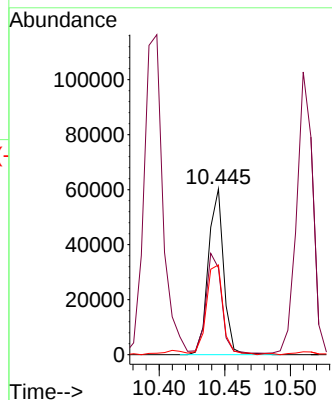
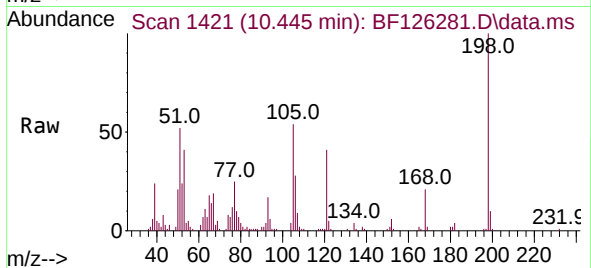




#65
4,6-Dinitro-2-methylphenol
Concen: 25.697 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

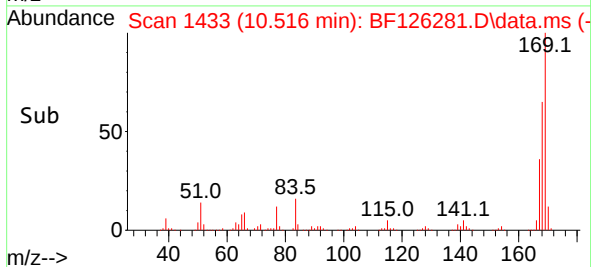
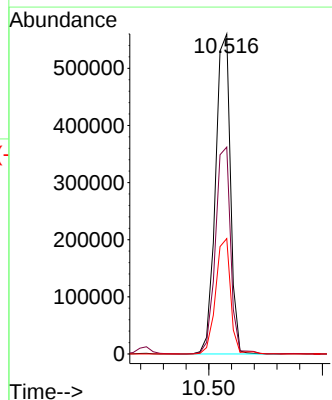
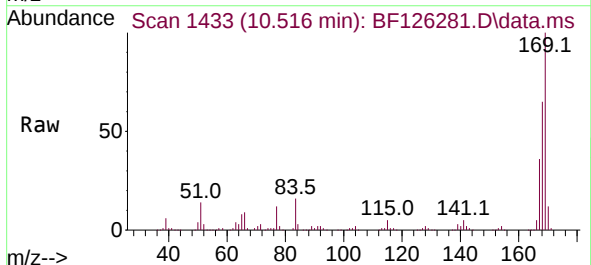
Instrument :
BNA_F
ClientSampleId :
TP13MSD

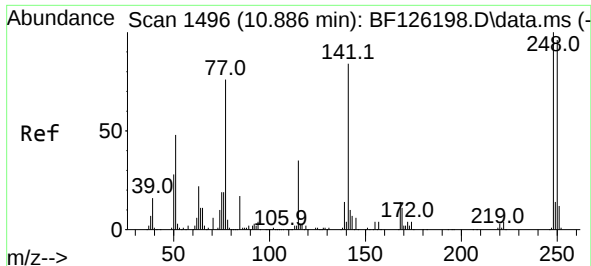
Tgt Ion:198 Resp: 49104
Ion Ratio Lower Upper
198 100
51 52.4 45.3 85.3
105 54.2 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 45.526 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:169 Resp: 511293
Ion Ratio Lower Upper
169 100
168 64.6 50.8 76.2
167 36.1 28.8 43.2

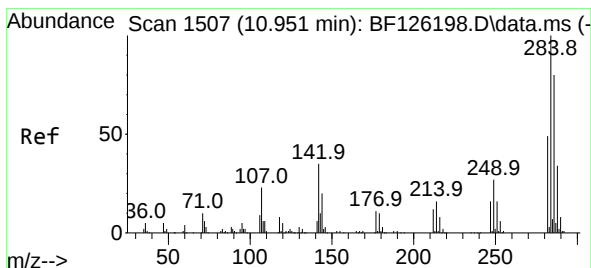
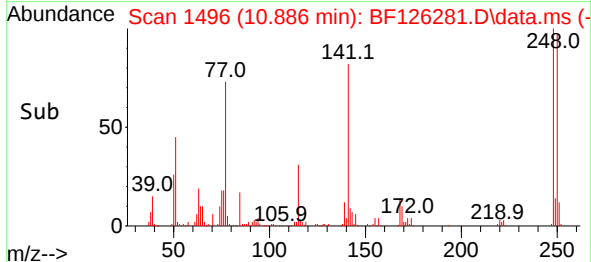
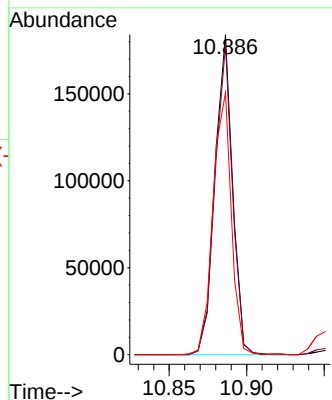
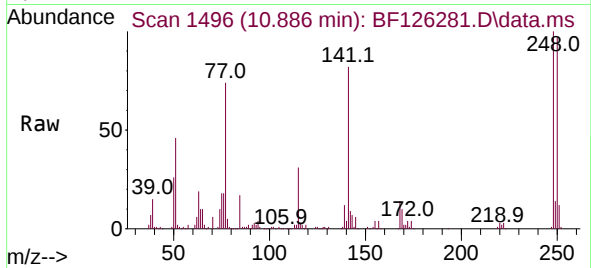




#67
4-Bromophenyl-phenylether
Concen: 44.481 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

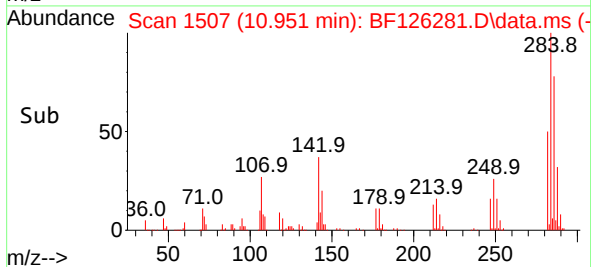
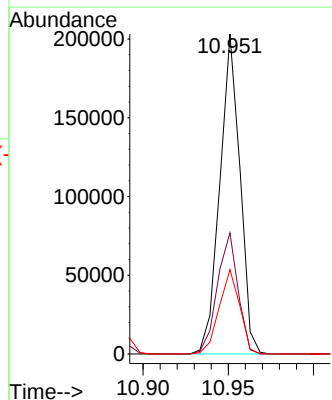
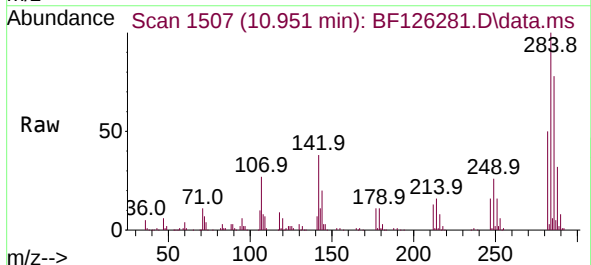
Instrument :
BNA_F
ClientSampleId :
TP13MSD

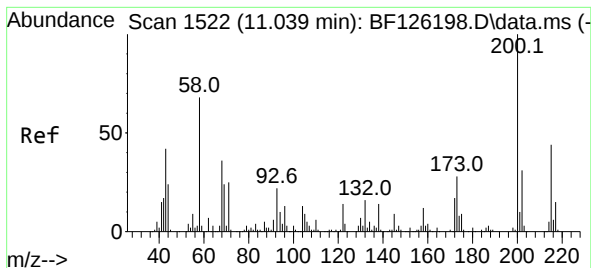
Tgt Ion:248 Resp: 146089
Ion Ratio Lower Upper
248 100
250 96.7 74.2 111.4
141 81.8 60.4 90.6



#68
Hexachlorobenzene
Concen: 44.167 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:284 Resp: 166831
Ion Ratio Lower Upper
284 100
142 37.8 36.4 54.6
249 26.3 25.6 38.4





#69

Atrazine

Concen: 72.016 ng

RT: 11.039 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

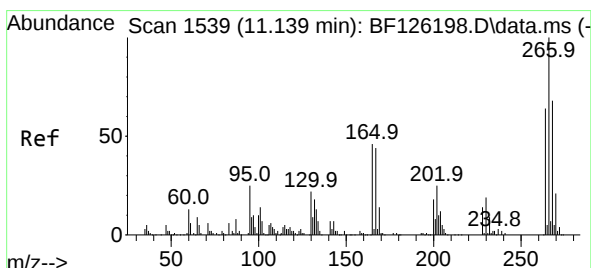
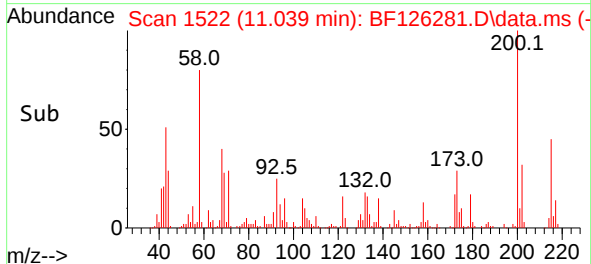
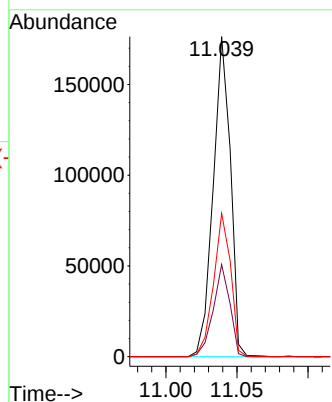
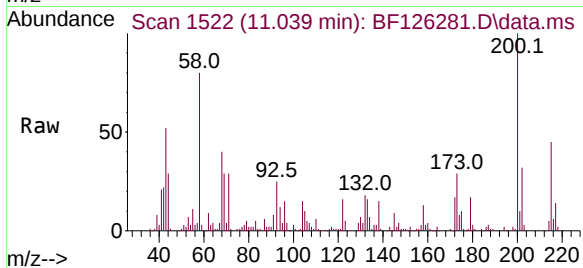
Tgt Ion:200 Resp: 148221

Ion Ratio Lower Upper

200 100

173 28.8 11.1 51.1

215 44.8 22.7 62.7



#70

Pentachlorophenol

Concen: 85.219 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

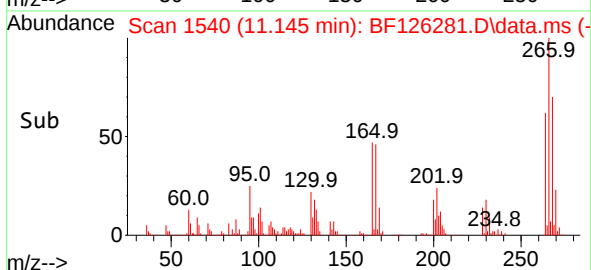
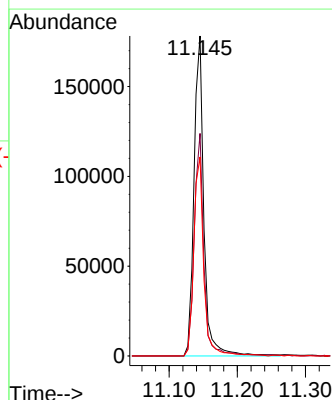
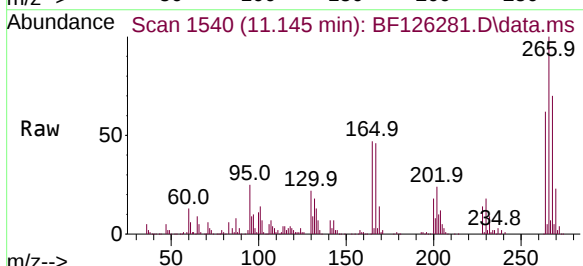
Tgt Ion:266 Resp: 178581

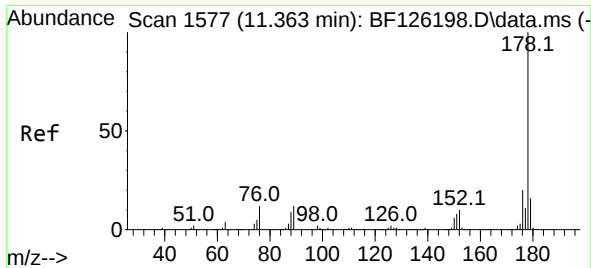
Ion Ratio Lower Upper

266 100

268 69.5 48.9 73.3

264 62.2 55.9 83.9

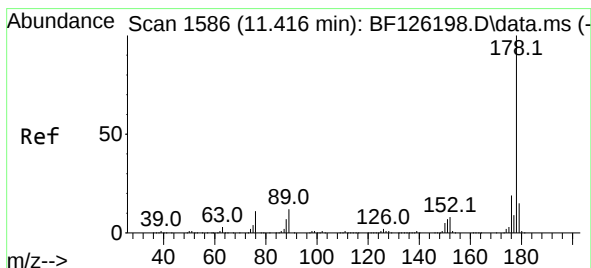
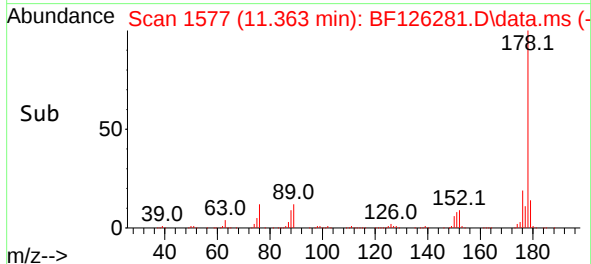
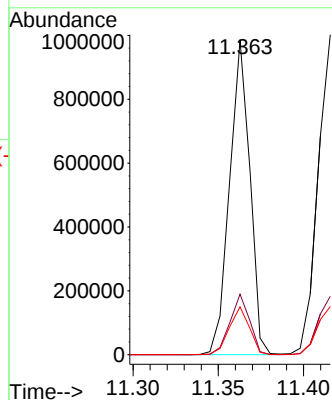
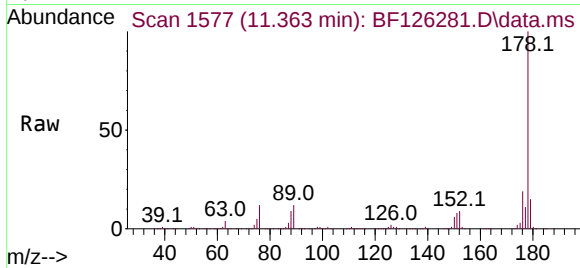




#71
Phenanthrene
Concen: 45.200 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

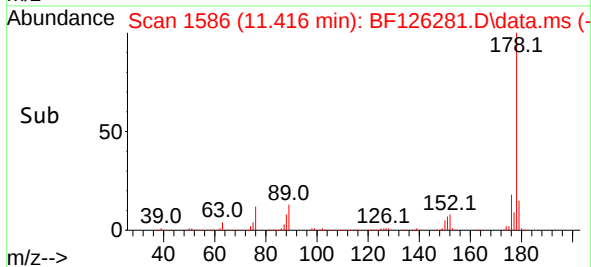
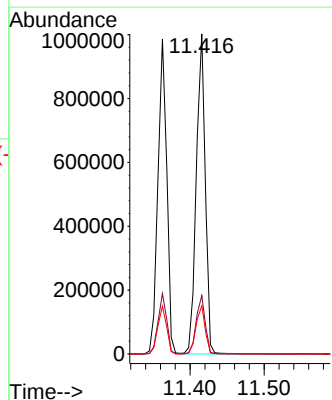
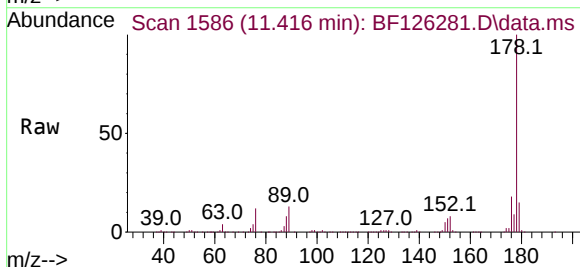
Instrument :
BNA_F
ClientSampleId :
TP13MSD

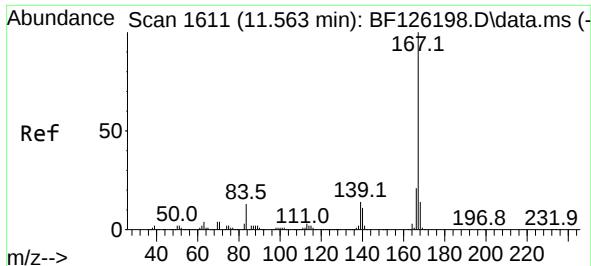
Tgt Ion:178 Resp: 816386
Ion Ratio Lower Upper
178 100
176 19.2 14.7 22.1
179 15.2 11.5 17.3



#72
Anthracene
Concen: 46.528 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:178 Resp: 843486
Ion Ratio Lower Upper
178 100
176 18.3 14.3 21.5
179 15.1 12.2 18.4

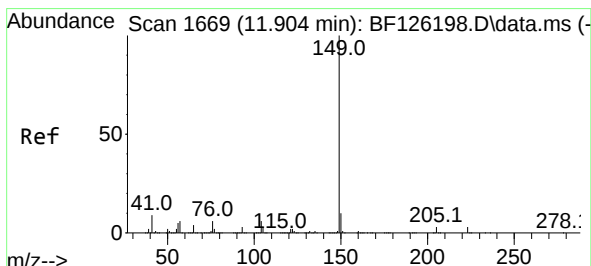
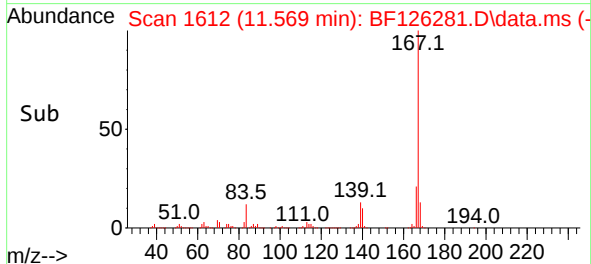
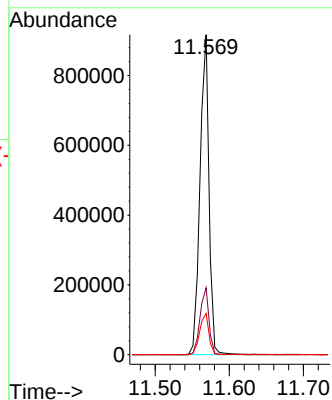
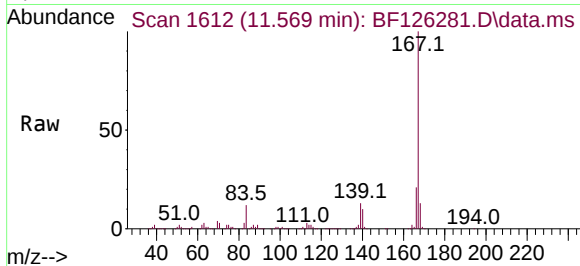




#73
 Carbazole
 Concen: 45.241 ng
 RT: 11.569 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

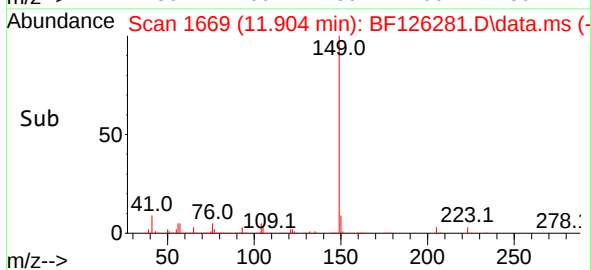
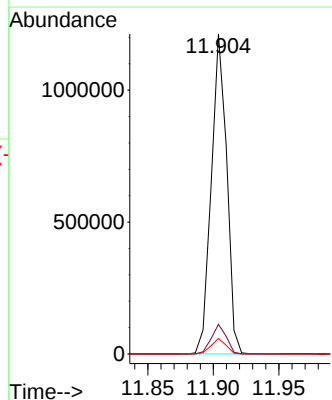
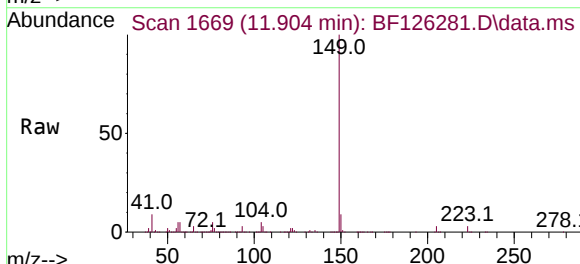
Instrument :
 BNA_F
 ClientSampleId :
 TP13MSD

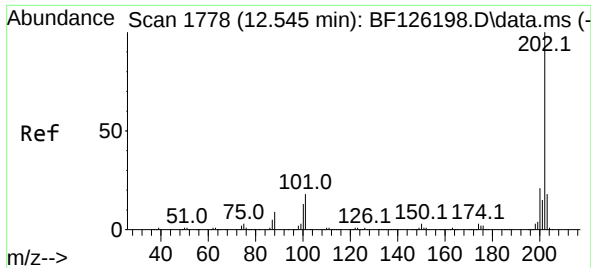
Tgt Ion:167 Resp: 772381
 Ion Ratio Lower Upper
 167 100
 166 20.9 17.4 26.0
 139 12.9 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 45.888 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

Tgt Ion:149 Resp: 993148
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 4.9 4.1 6.1

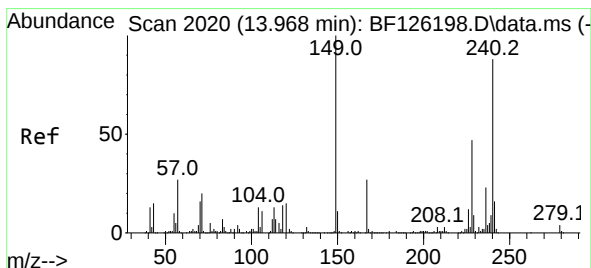
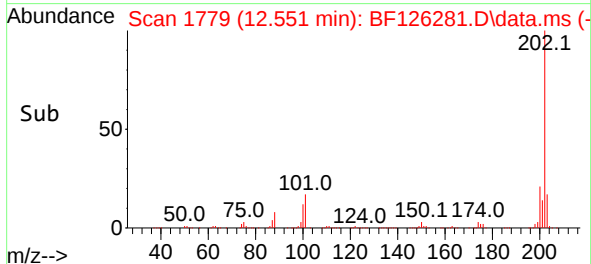
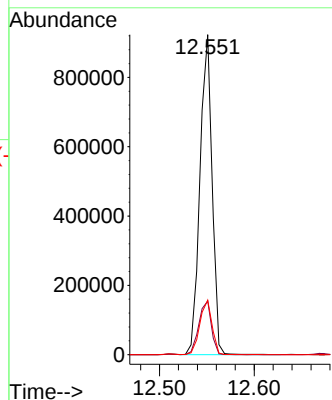
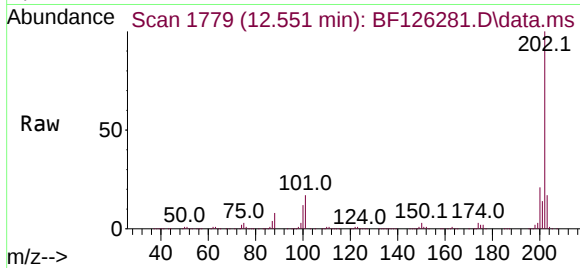




#75
Fluoranthene
Concen: 50.631 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

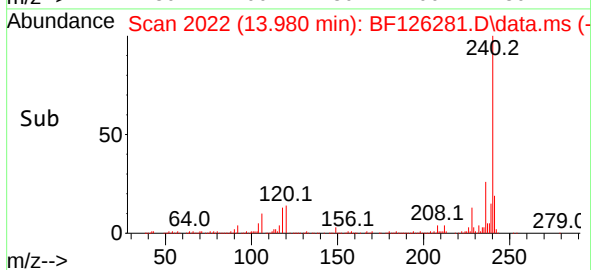
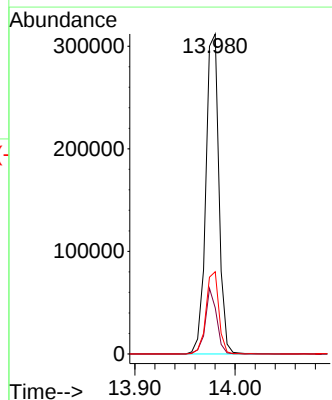
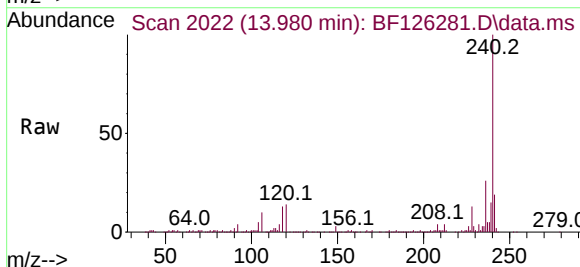
Instrument :
BNA_F
ClientSampleId :
TP13MSD

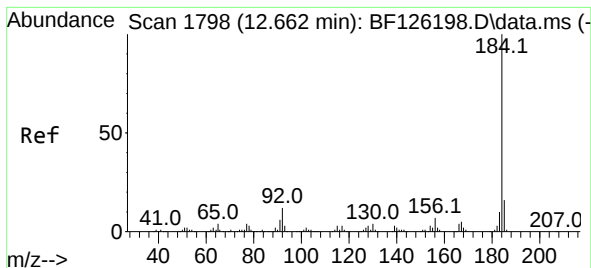
Tgt Ion:202 Resp: 823927
Ion Ratio Lower Upper
202 100
101 16.8 0.0 30.7
203 17.0 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2022
Delta R.T. 0.012 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:240 Resp: 284329
Ion Ratio Lower Upper
240 100
120 14.4 10.8 16.2
236 25.7 21.6 32.4





#77

Benzidine

Concen: 91.323 ng

RT: 12.669 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

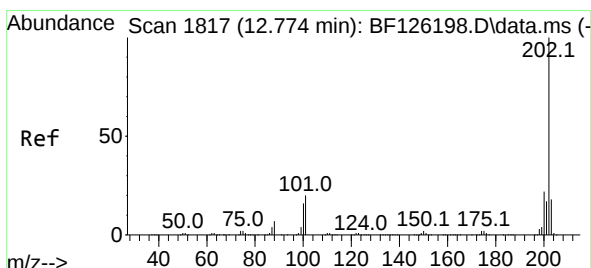
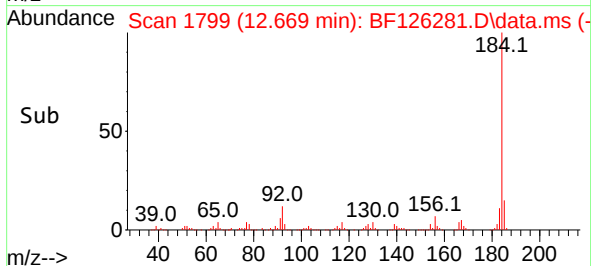
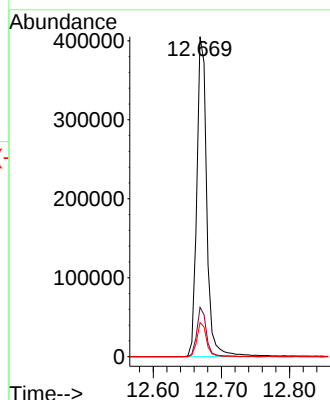
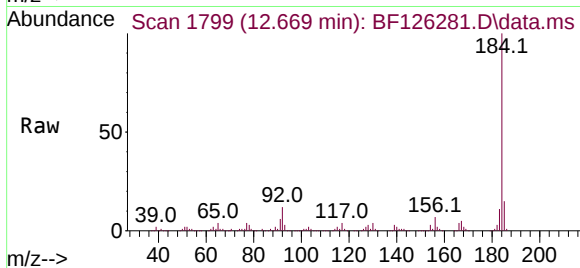
Tgt Ion:184 Resp: 409364

Ion Ratio Lower Upper

184 100

185 15.4 10.8 16.2

183 10.7 8.1 12.1



#78

Pyrene

Concen: 32.841 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.006 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

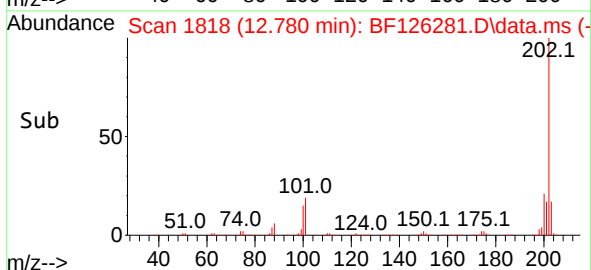
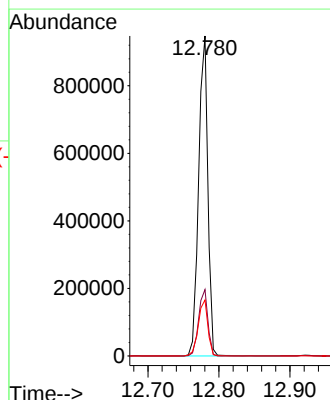
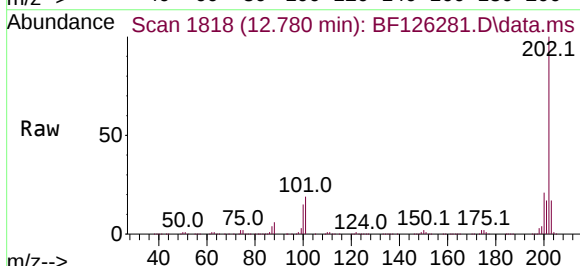
Tgt Ion:202 Resp: 857880

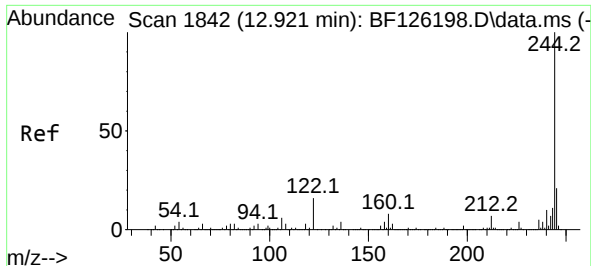
Ion Ratio Lower Upper

202 100

200 20.8 15.3 22.9

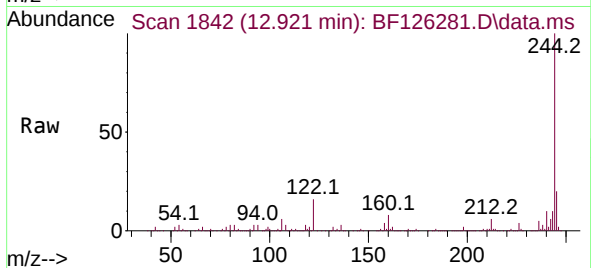
203 17.5 13.4 20.0



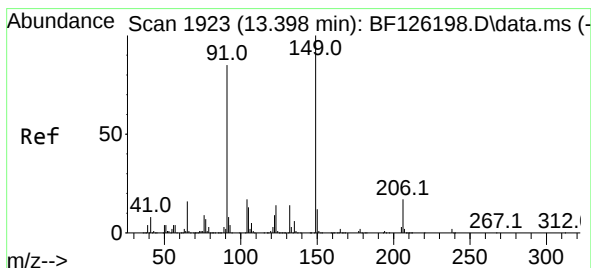
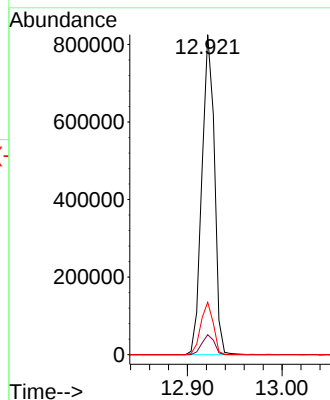
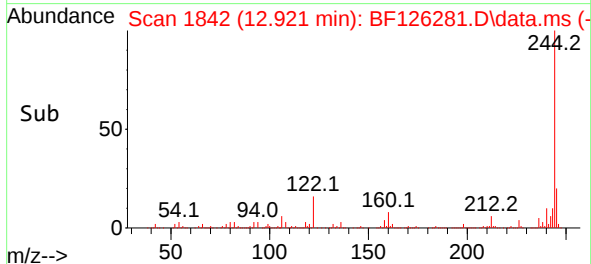


#79
 Terphenyl-d14
 Concen: 46.560 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

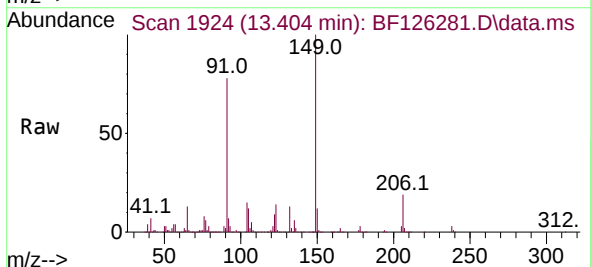
Instrument :
 BNA_F
 ClientSampleId :
 TP13MSD



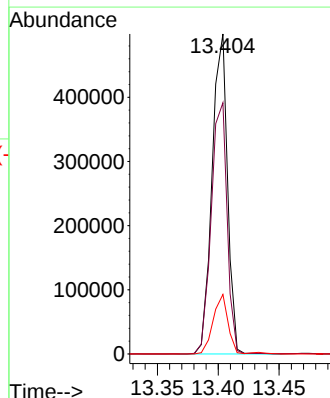
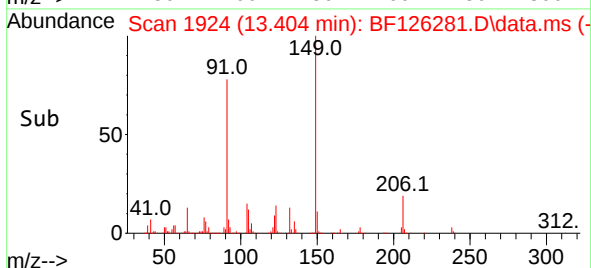
Tgt Ion:244 Resp: 761647
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 16.4 9.0 13.4#

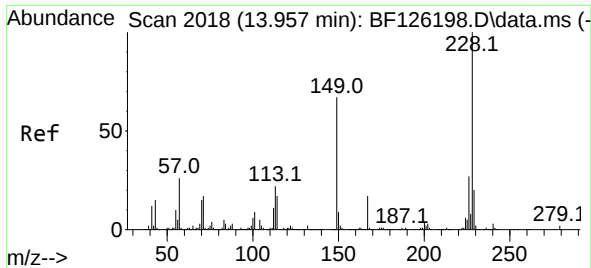


#80
 Butylbenzylphthalate
 Concen: 35.574 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. 0.006 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42



Tgt Ion:149 Resp: 437293
 Ion Ratio Lower Upper
 149 100
 91 78.5 51.8 77.8#
 206 18.6 14.5 21.7

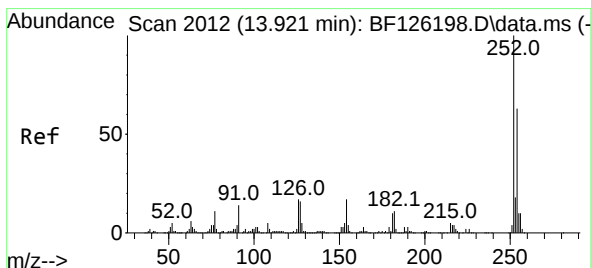
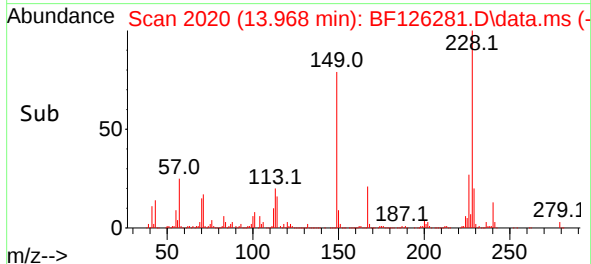
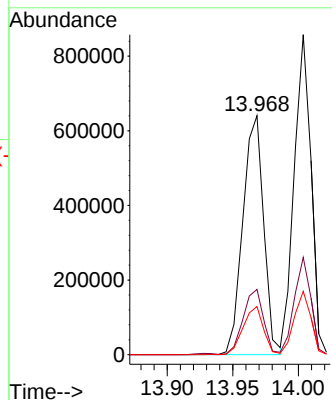
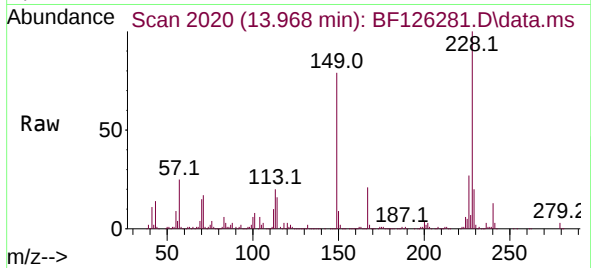




#81
Benzo(a)anthracene
Concen: 42.046 ng
RT: 13.968 min Scan# 2013
Delta R.T. 0.012 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

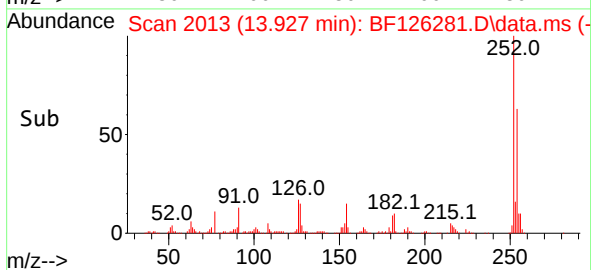
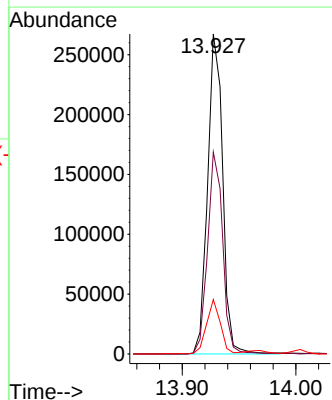
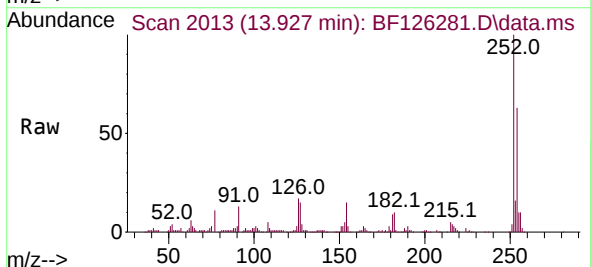
Instrument :
BNA_F
ClientSampleId :
TP13MSD

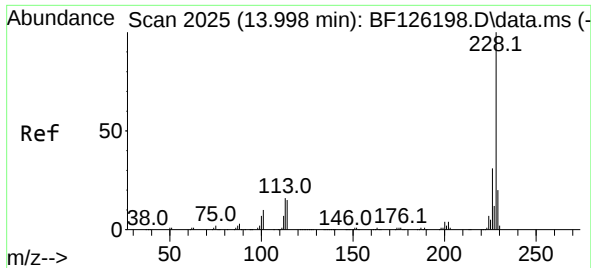
Tgt Ion:228 Resp: 708148
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 20.1 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 31.918 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:252 Resp: 245592
Ion Ratio Lower Upper
252 100
254 63.1 51.4 77.0
126 17.0 9.5 14.3#

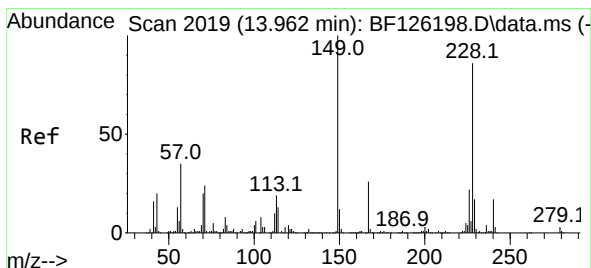
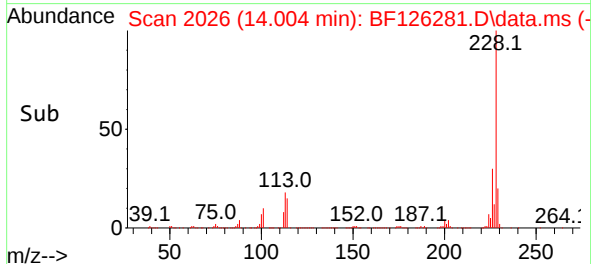
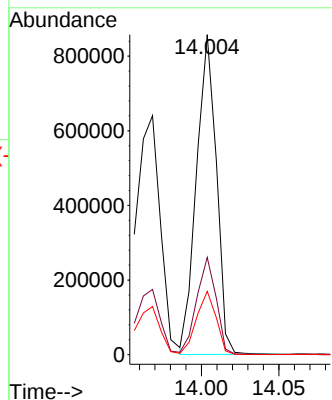
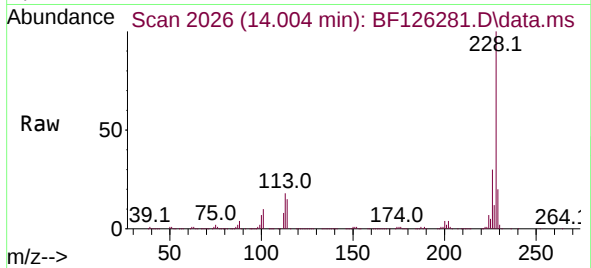




#83
Chrysene
Concen: 43.771 ng
RT: 14.004 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

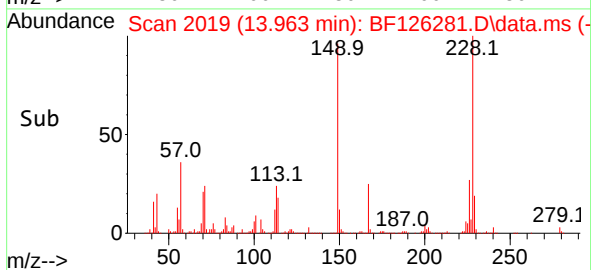
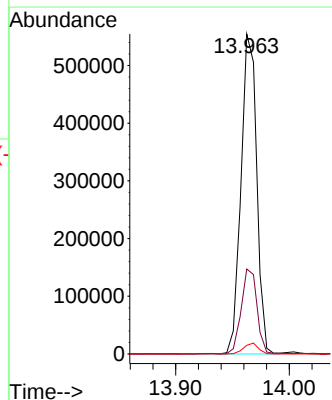
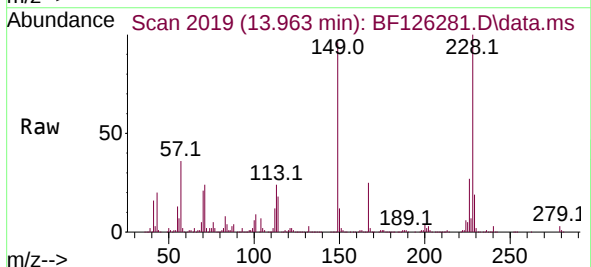
Instrument :
BNA_F
ClientSampleId :
TP13MSD

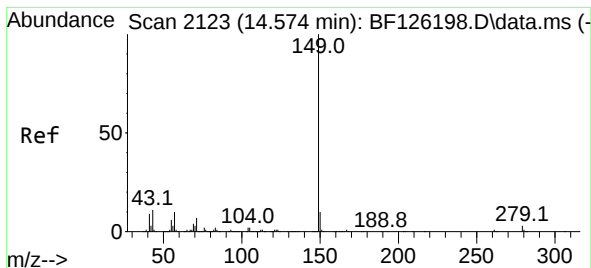
Tgt Ion:228 Resp: 765949
Ion Ratio Lower Upper
228 100
226 30.4 22.6 34.0
229 19.8 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 38.816 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:149 Resp: 533192
Ion Ratio Lower Upper
149 100
167 26.6 21.4 32.0
279 2.7 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 49.596 ng

RT: 14.574 min Scan# 2123

Delta R.T. 0.000 min

Lab File: BF126281.D

Acq: 20 Dec 2021 16:42

Instrument :

BNA_F

ClientSampleId :

TP13MSD

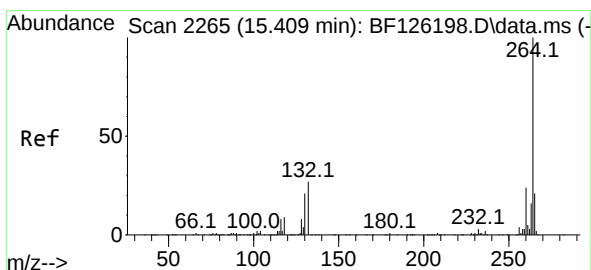
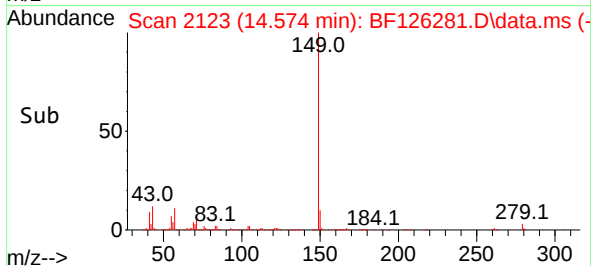
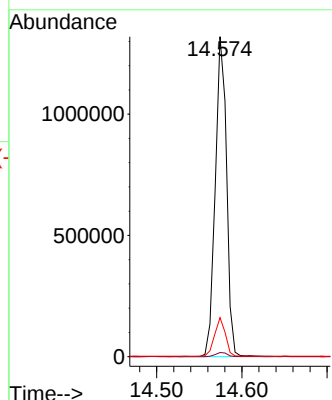
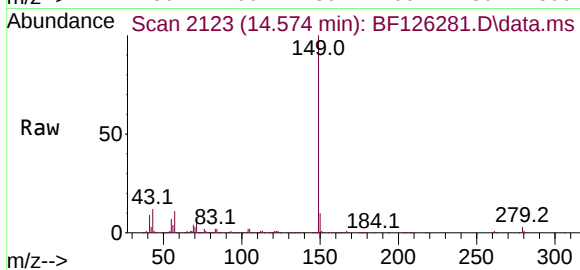
Tgt Ion:149 Resp: 1214468

Ion Ratio Lower Upper

149 100

167 1.4 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: BF126281.D

Acq: 20 Dec 2021 16:42

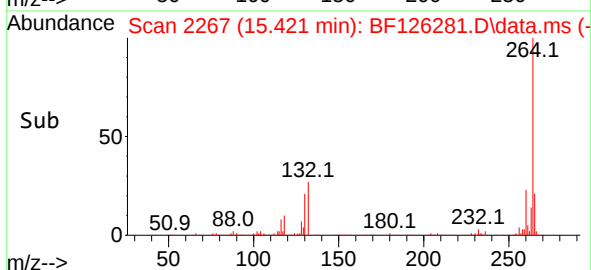
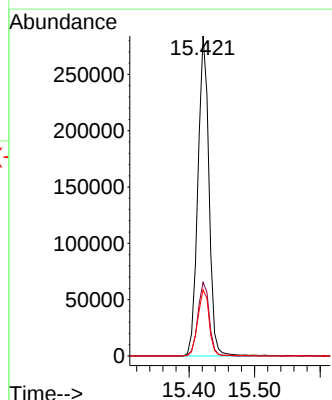
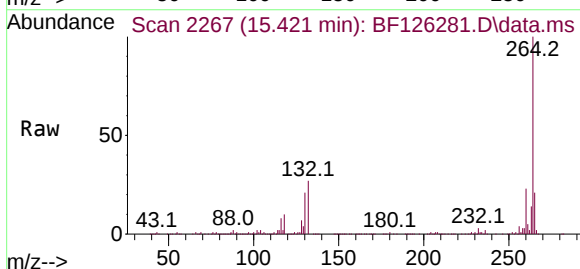
Tgt Ion:264 Resp: 334907

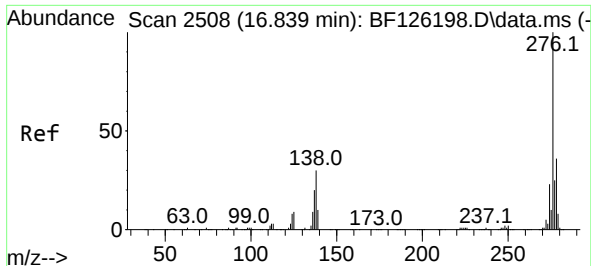
Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 20.7 17.2 25.8

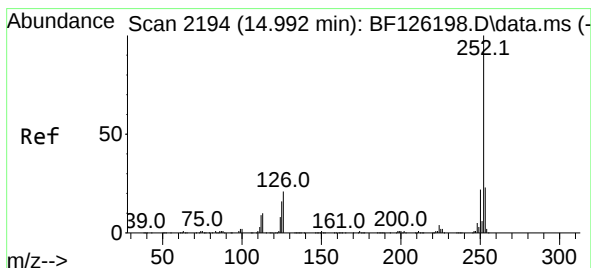
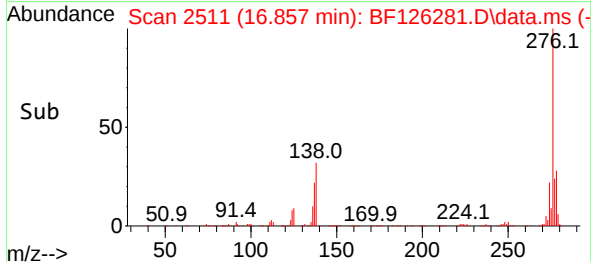
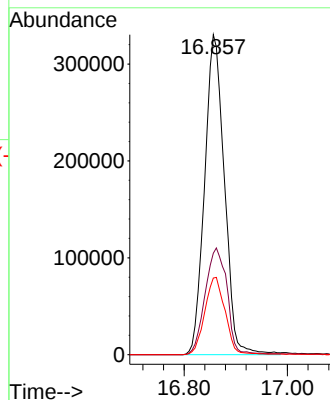
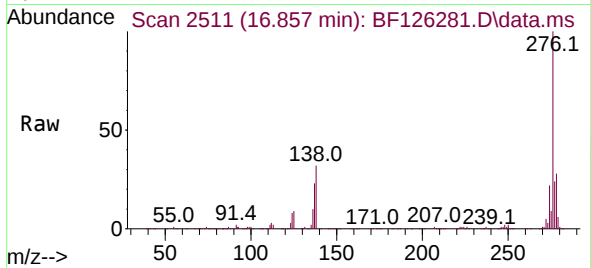




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.312 ng
 RT: 16.857 min Scan# 2197
 Delta R.T. 0.018 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

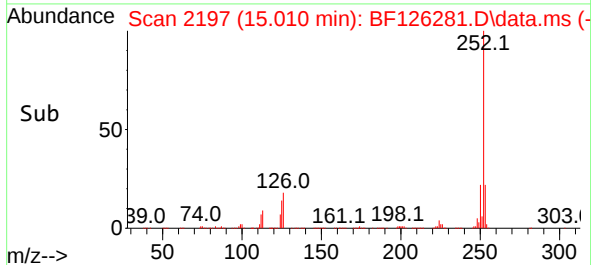
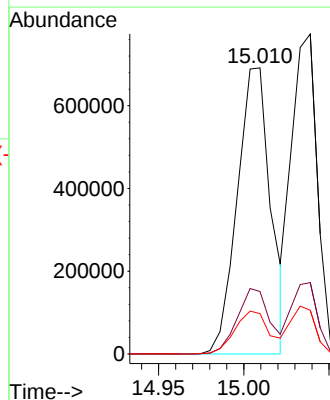
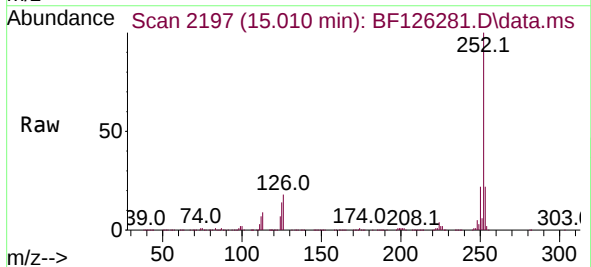
Instrument :
 BNA_F
 ClientSampleId :
 TP13MSD

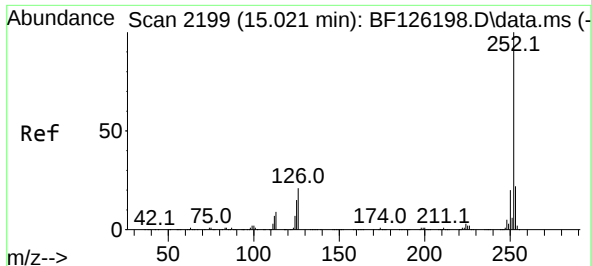
Tgt Ion:276 Resp: 878179
 Ion Ratio Lower Upper
 276 100
 138 37.1 24.1 36.1#
 277 24.9 18.8 28.2



#88
 Benzo(b)fluoranthene
 Concen: 46.938 ng
 RT: 15.010 min Scan# 2197
 Delta R.T. 0.018 min
 Lab File: BF126281.D
 Acq: 20 Dec 2021 16:42

Tgt Ion:252 Resp: 944540
 Ion Ratio Lower Upper
 252 100
 253 21.8 16.8 25.2
 125 14.1 9.8 14.8

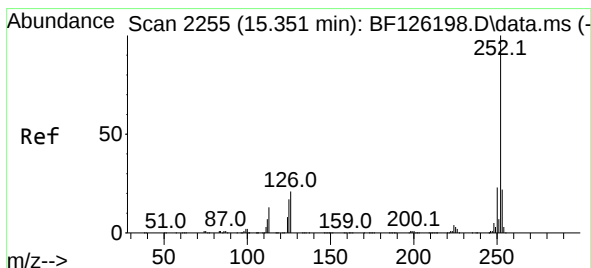
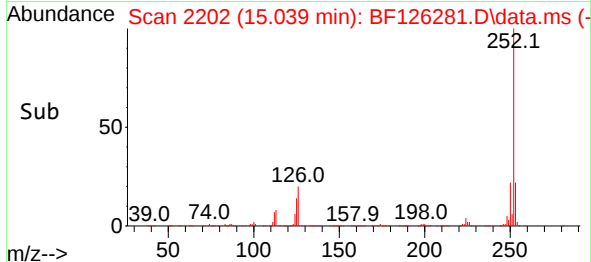
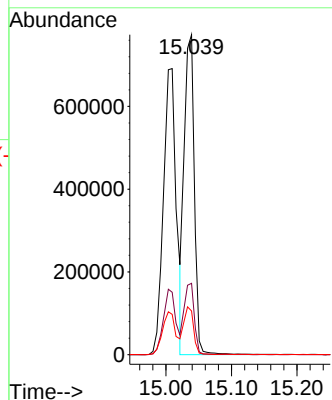
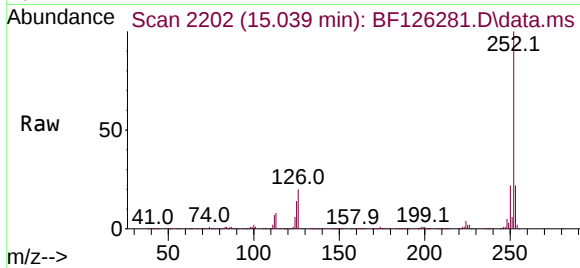




#89
Benzo(k)fluoranthene
Concen: 42.892 ng
RT: 15.039 min Scan# 2199
Delta R.T. 0.018 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

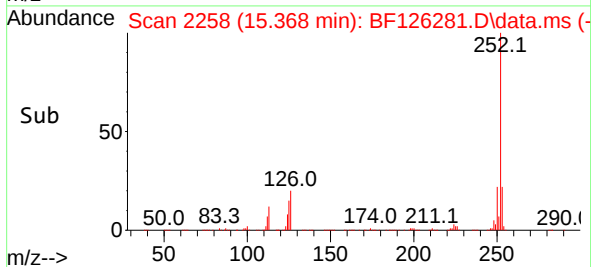
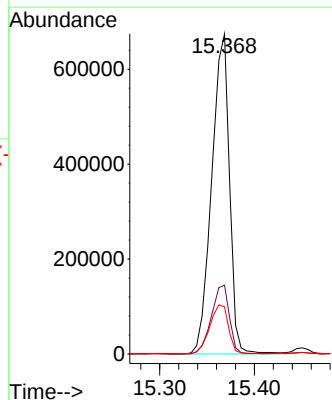
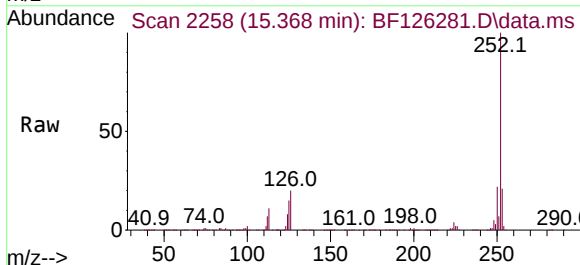
Instrument :
BNA_F
ClientSampleId :
TP13MSD

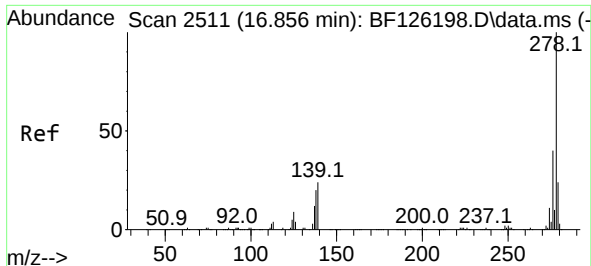
Tgt Ion:252 Resp: 825676
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 13.6 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 52.428 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.018 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:252 Resp: 876840
Ion Ratio Lower Upper
252 100
253 21.5 18.4 27.6
125 14.8 9.9 14.9

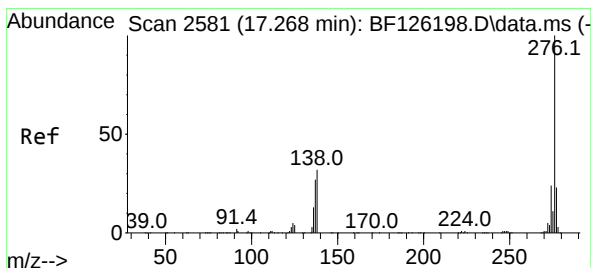
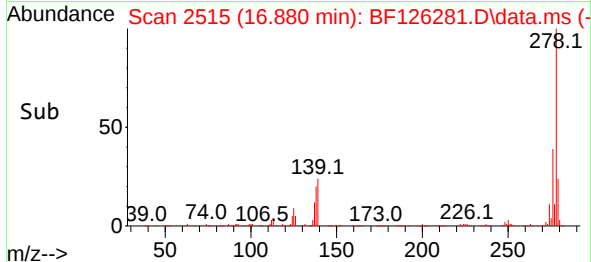
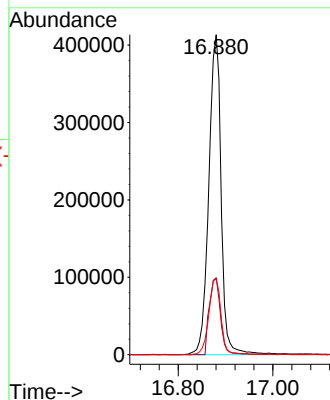
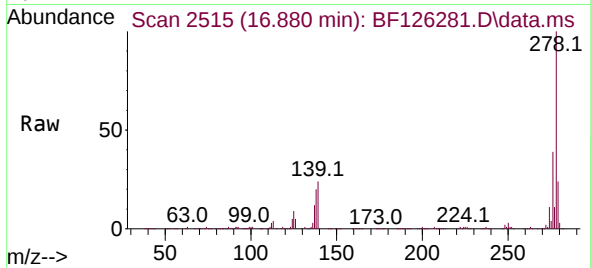




#91
Dibenzo(a,h)anthracene
Concen: 41.247 ng
RT: 16.880 min Scan# 2511
Delta R.T. 0.024 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Instrument :
BNA_F
ClientSampleId :
TP13MSD

Tgt Ion:278 Resp: 749012
Ion Ratio Lower Upper
278 100
139 24.0 14.9 22.3#
279 23.8 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 38.309 ng
RT: 17.292 min Scan# 2585
Delta R.T. 0.024 min
Lab File: BF126281.D
Acq: 20 Dec 2021 16:42

Tgt Ion:276 Resp: 719772
Ion Ratio Lower Upper
276 100
277 22.9 22.0 33.0
138 31.5 22.2 33.4

