

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126471.D
 Acq On : 4 Jan 2022 16:58
 Operator : JU/CG
 Sample : M5223-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD

Quant Time: Jan 05 01:59:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	135113	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	574292	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	264337	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	422052	20.000	ng	0.00
76) Chrysene-d12	13.951	240	222263	20.000	ng	0.00
86) Perylene-d12	15.386	264	226515	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1029406	109.411	ng	0.02
7) Phenol-d6	6.428	99	1315560	107.956	ng	0.00
23) Nitrobenzene-d5	7.351	82	868146	77.619	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	246933	120.888	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1136878	75.683	ng	0.00
79) Terphenyl-d14	12.898	244	884983	77.362	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.599	88	218043	46.214	ng	99
3) Pyridine	3.334	79	493103	38.745	ng	98
4) n-Nitrosodimethylamine	3.269	42	237200	45.333	ng	100
6) Aniline	6.522	93	708213	46.737	ng	# 58
8) 2-Chlorophenol	6.575	128	473451	50.459	ng	95
9) Benzaldehyde	6.334	77	326346	43.260	ng	95
10) Phenol	6.439	94	624166	45.897	ng	100
11) bis(2-Chloroethyl)ether	6.522	93	708213	68.202	ng	91
12) 1,3-Dichlorobenzene	6.728	146	458504	48.901	ng	97
13) 1,4-Dichlorobenzene	6.804	146	460694	49.224	ng	99
14) 1,2-Dichlorobenzene	6.957	146	451542	49.516	ng	97
15) Benzyl Alcohol	6.934	79	422188	49.516	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	782079	47.956	ng	96
17) 2-Methylphenol	7.051	107	389634	47.208	ng	98
18) Hexachloroethane	7.298	117	187491	50.281	ng	95
19) n-Nitroso-di-n-propyla...	7.204	70	312466	44.934	ng	96
20) 3+4-Methylphenols	7.198	107	429257	43.685	ng	# 88
22) Acetophenone	7.198	105	626029	47.153	ng	96
24) Nitrobenzene	7.369	77	516151	46.116	ng	97
25) Isophorone	7.610	82	941086	47.002	ng	99
26) 2-Nitrophenol	7.686	139	255375	51.470	ng	95
27) 2,4-Dimethylphenol	7.728	122	396016	51.045	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	606403	46.362	ng	99
29) 2,4-Dichlorophenol	7.934	162	350559	49.486	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	363545	49.241	ng	99
31) Naphthalene	8.092	128	1316279	48.559	ng	99
32) Benzoic acid	7.869	122	349466	60.014	ng	96
33) 4-Chloroaniline	8.169	127	328782	28.953	ng	95
34) Hexachlorobutadiene	8.210	225	175686	48.959	ng	98
36) 4-Chloro-3-methylphenol	8.628	107	408842	47.290	ng	99
37) 2-Methylnaphthalene	8.786	142	824762	51.578	ng	98
38) 1-Methylnaphthalene	8.880	142	758027	49.031	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	277427	48.298	ng	99
41) Hexachlorocyclopentadiene	8.939	237	302264	129.248	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	211906	49.884	ng	96
44) 2,4,5-Trichlorophenol	9.104	196	222173	48.590	ng	98

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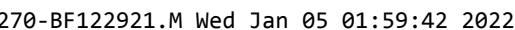
Instrument :
 BNA_F
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 DB-19-(40-45)-12-22-21MSD

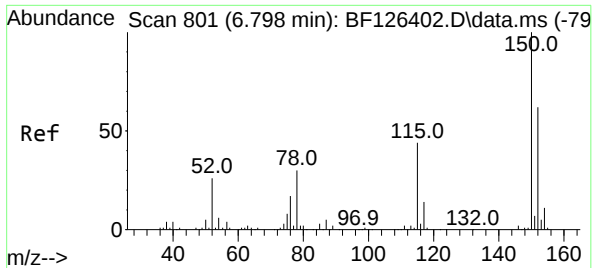
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.251	154	939826	48.476	ng	99
47) 2-Chloronaphthalene	9.275	162	704512	47.976	ng	99
48) 2-Nitroaniline	9.369	65	265083	44.703	ng	92
49) Acenaphthylene	9.686	152	1075230	48.278	ng	99
50) Dimethylphthalate	9.557	163	781938	47.385	ng	100
51) 2,6-Dinitrotoluene	9.616	165	182839	51.305	ng	88
52) Acenaphthene	9.863	154	670627	45.930	ng	98
53) 3-Nitroaniline	9.780	138	161626	33.077	ng	93
54) 2,4-Dinitrophenol	9.892	184	192896	104.059	ng	89
55) Dibenzofuran	10.033	168	913789	46.294	ng	98
56) 4-Nitrophenol	9.951	139	342034	98.424	ng	94
57) 2,4-Dinitrotoluene	10.022	165	234936	51.096	ng	89
58) Fluorene	10.375	166	654398	46.890	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	167338	50.989	ng	93
60) Diethylphthalate	10.257	149	762334	47.934	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	282831	46.439	ng	95
62) 4-Nitroaniline	10.398	138	194849	42.340	ng	92
63) Azobenzene	10.527	77	915775	44.704	ng	99
65) 4,6-Dinitro-2-methylph...	10.427	198	118809	51.983	ng	91
66) n-Nitrosodiphenylamine	10.486	169	608884	46.500	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	180950	48.303	ng	95
68) Hexachlorobenzene	10.927	284	216214	49.619	ng	94
69) Atrazine	11.016	200	179355	79.546	ng	99
70) Pentachlorophenol	11.122	266	213601	100.857	ng	99
71) Phenanthrene	11.339	178	1008046	46.718	ng	100
72) Anthracene	11.386	178	1030238	47.717	ng	100
73) Carbazole	11.545	167	936900	44.315	ng	99
74) Di-n-butylphthalate	11.874	149	1185377	49.247	ng	99
75) Fluoranthene	12.521	202	934343	47.444	ng	98
77) Benzidine	12.645	184	249403	69.472	ng	98
78) Pyrene	12.751	202	950639	50.611	ng	99
80) Butylbenzylphthalate	13.374	149	437684	52.586	ng	92
81) Benzo(a)anthracene	13.939	228	584088	45.696	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	211084	35.397	ng #	98
83) Chrysene	13.974	228	650569	49.619	ng	98
84) Bis(2-ethylhexyl)phtha...	13.933	149	483083	56.005	ng	99
85) Di-n-octyl phthalate	14.545	149	893888	59.754	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	768061	50.666	ng	99
88) Benzo(b)fluoranthene	14.974	252	666411	49.386	ng	98
89) Benzo(k)fluoranthene	15.004	252	646972	49.494	ng	99
90) Benzo(a)pyrene	15.333	252	658778	58.225	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	650246	53.157	ng	100
92) Benzo(g,h,i)perylene	17.239	276	701037	53.820	ng	98

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

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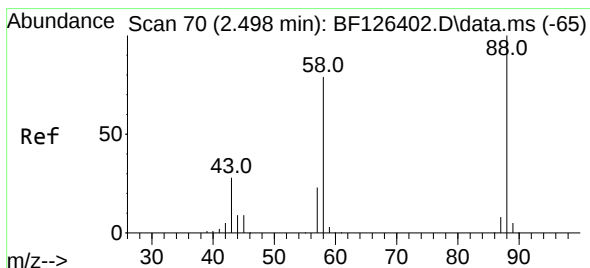
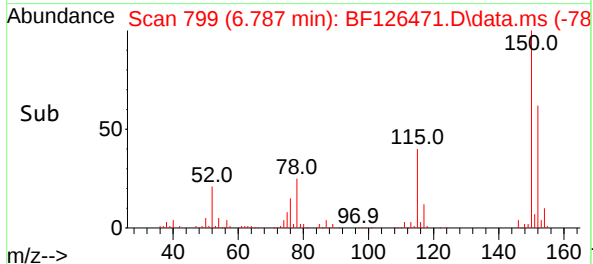
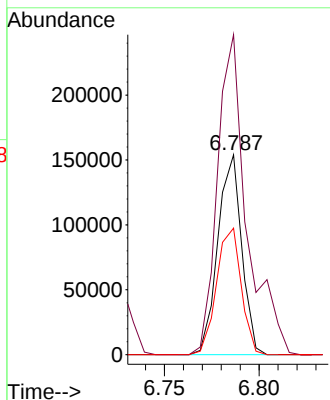
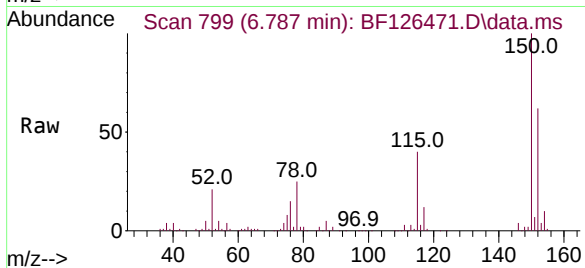




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

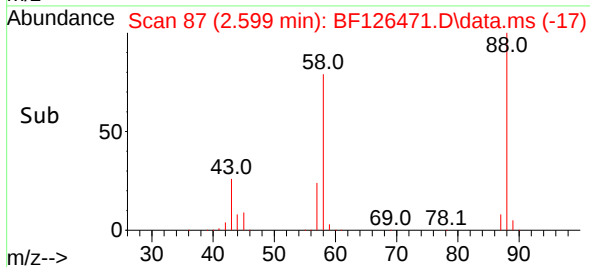
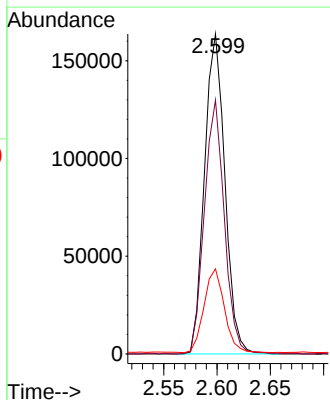
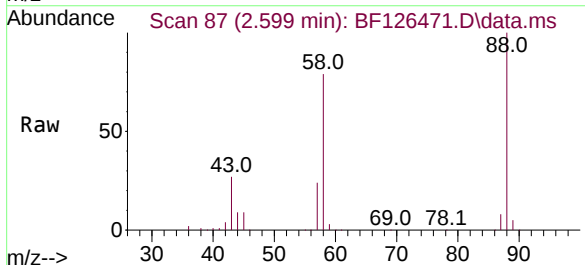
Instrument :
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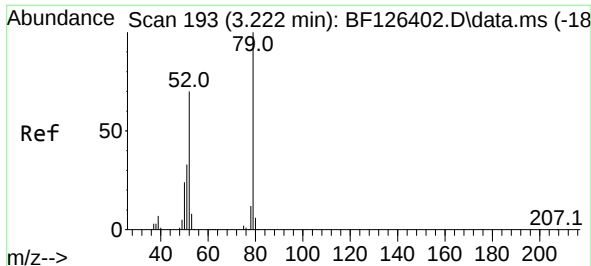
Tgt Ion:152 Resp: 135113
 Ion Ratio Lower Upper
 152 100
 150 160.1 128.1 192.1
 115 63.4 56.7 85.1



#2
 1,4-Dioxane
 Concen: 46.214 ng
 RT: 2.599 min Scan# 87
 Delta R.T. 0.112 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

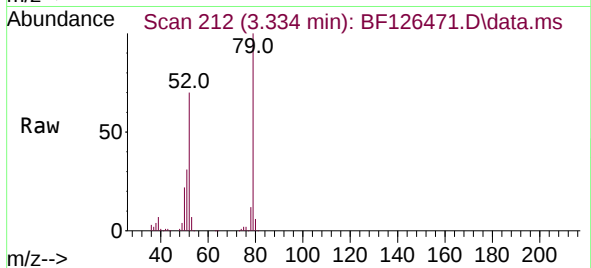
Tgt Ion: 88 Resp: 218043
 Ion Ratio Lower Upper
 88 100
 58 78.0 62.8 94.2
 43 26.2 22.3 33.5



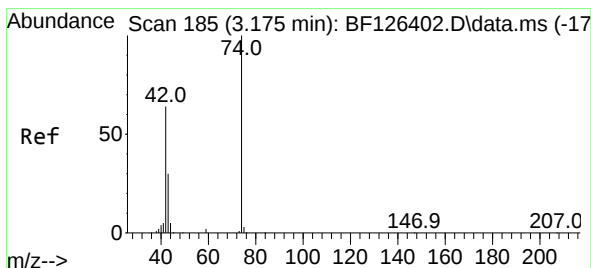
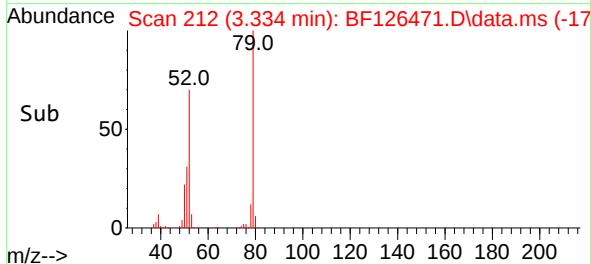
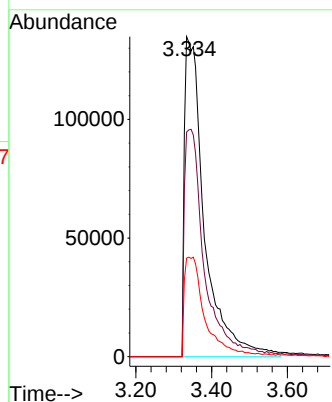


#3
Pyridine
Concen: 38.745 ng
RT: 3.334 min Scan# 21
Delta R.T. 0.124 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

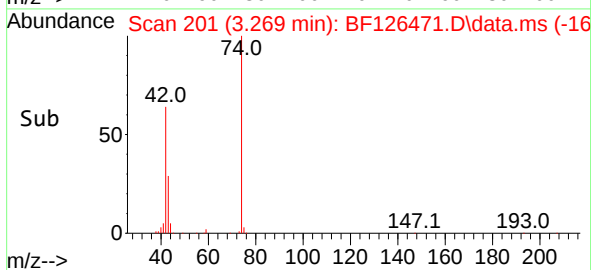
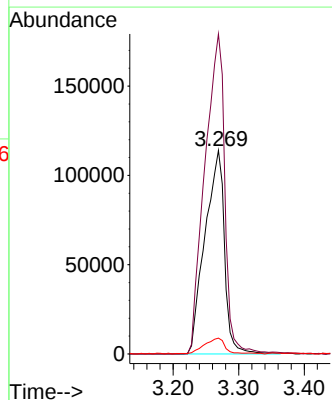
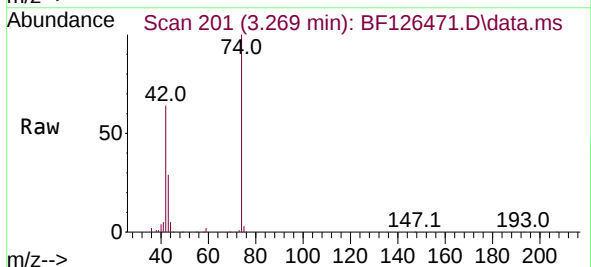


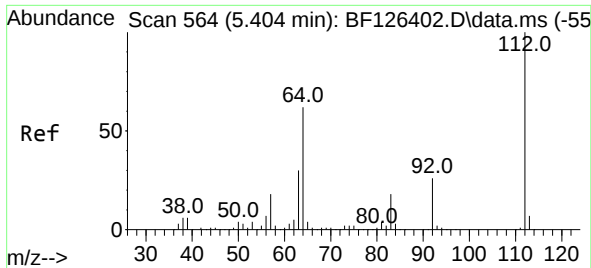
Tgt Ion: 79 Resp: 493103
Ion Ratio Lower Upper
79 100
52 70.2 56.2 84.4
51 30.8 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 45.333 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.106 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 42 Resp: 237200
Ion Ratio Lower Upper
42 100
74 157.3 125.6 188.4
44 7.8 5.7 8.5

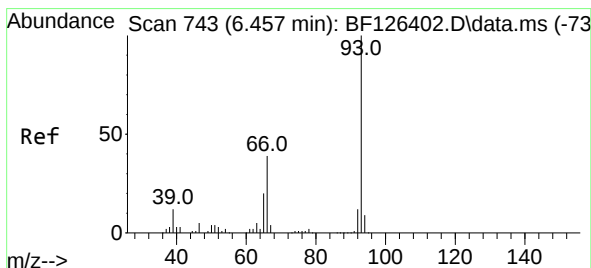
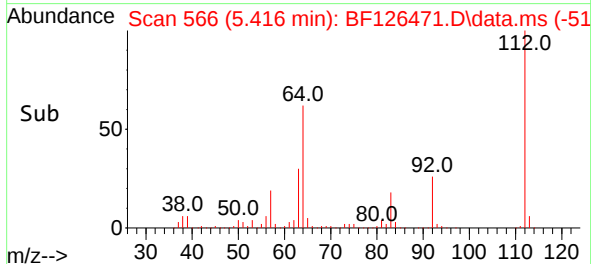
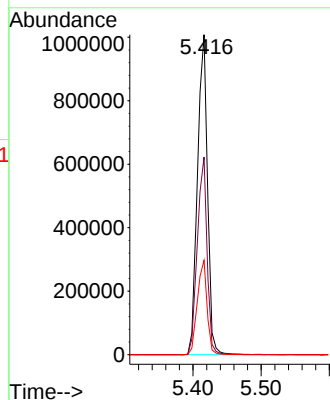
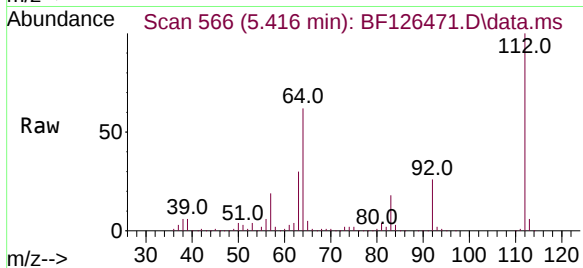




#5
2-Fluorophenol
Concen: 109.411 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

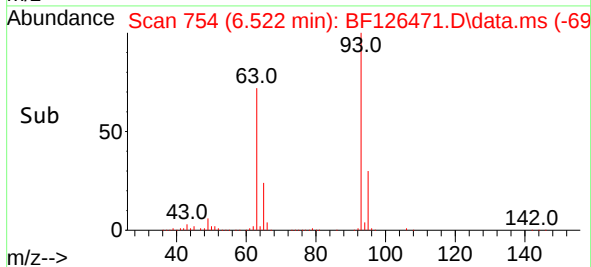
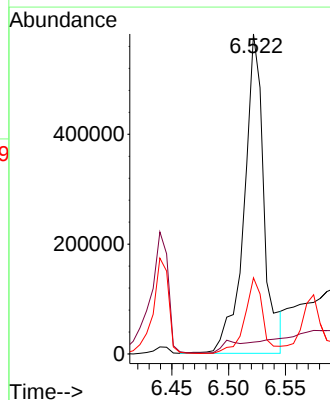
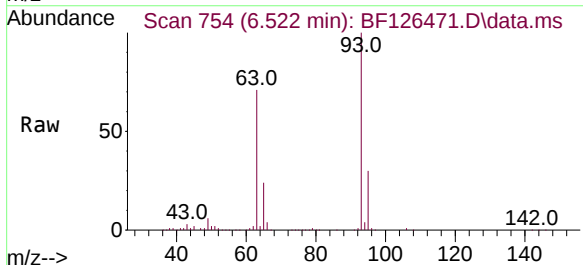
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BNA_F
ClientSampleId :
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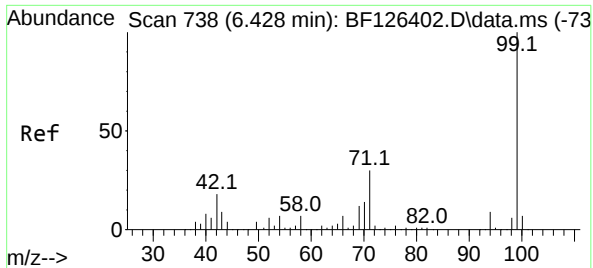
Tgt Ion:112 Resp: 1029406
Ion Ratio Lower Upper
112 100
64 61.8 49.5 74.3
63 29.5 23.9 35.9



#6
Aniline
Concen: 46.737 ng
RT: 6.522 min Scan# 754
Delta R.T. 0.077 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 93 Resp: 708213
Ion Ratio Lower Upper
93 100
66 3.7 32.2 48.4#
65 23.8 16.3 24.5



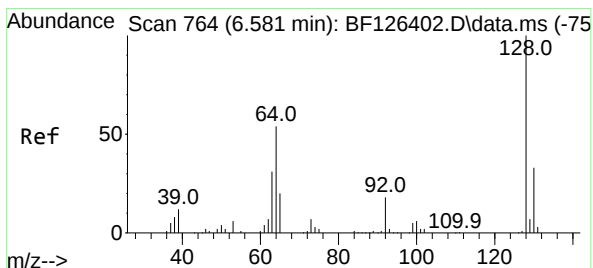
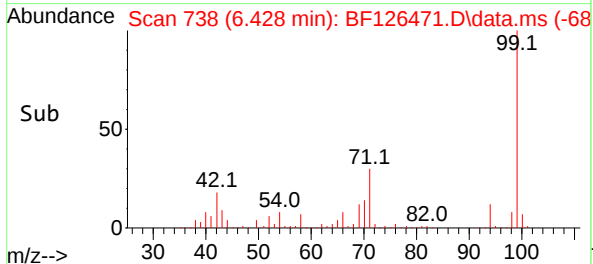
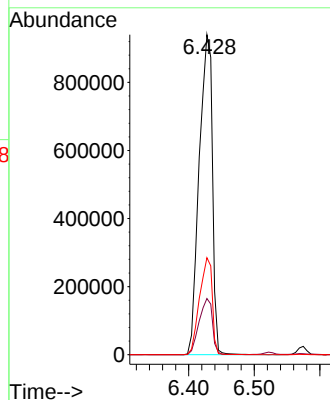
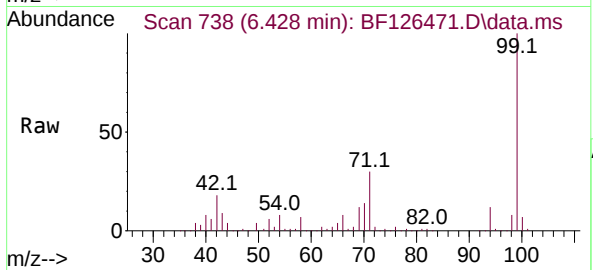


#7
Phenol-d6
Concen: 107.956 ng
RT: 6.428 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

Tgt Ion: 99 Resp: 1315560

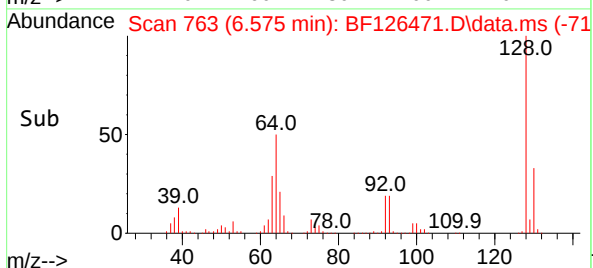
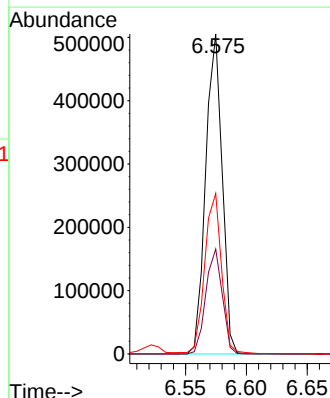
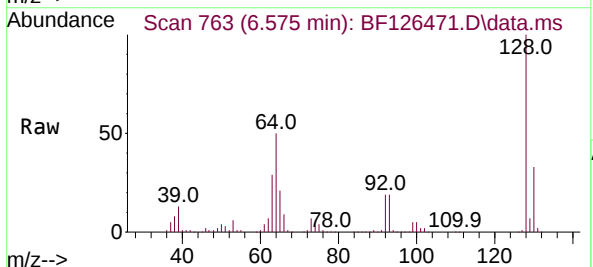
Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.2	21.4
71	30.3	24.3	36.5

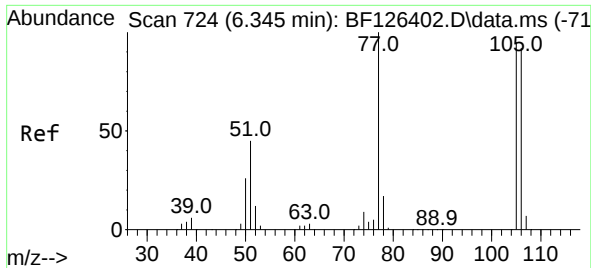


#8
2-Chlorophenol
Concen: 50.459 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 128 Resp: 473451

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.7	52.7
64	50.2	35.6	75.6

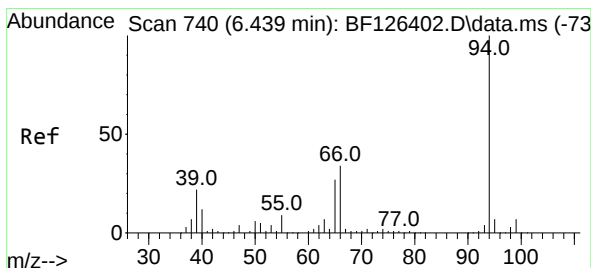
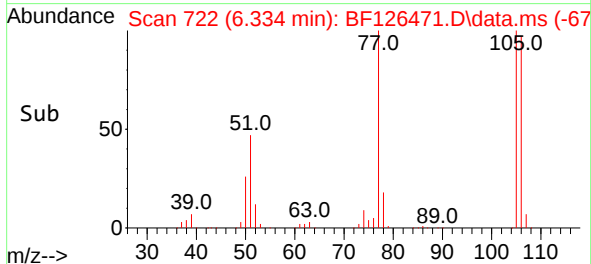
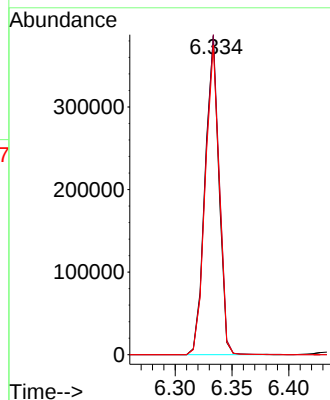
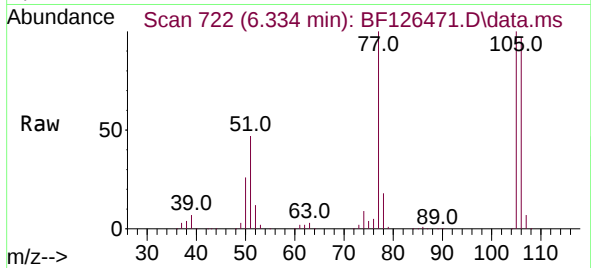




#9
Benzaldehyde
Concen: 43.260 ng
RT: 6.334 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

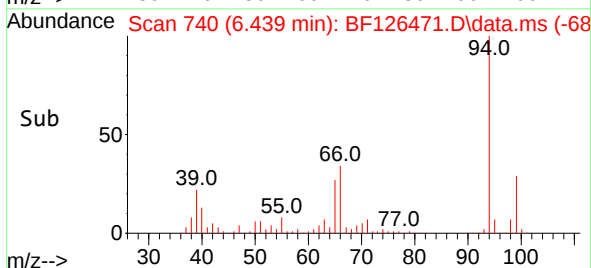
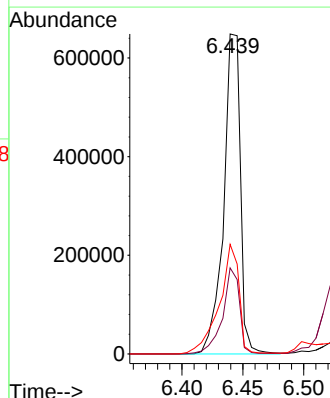
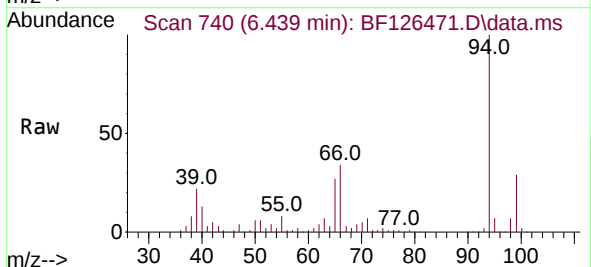
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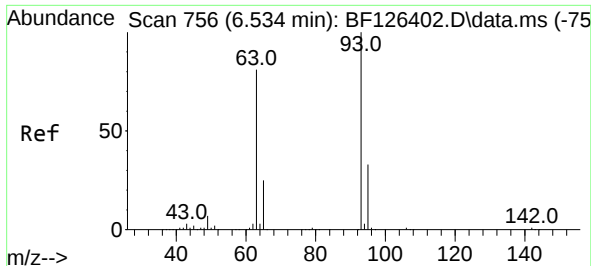
Tgt Ion: 77 Resp: 326346
Ion Ratio Lower Upper
77 100
105 100.4 74.9 114.9
106 97.1 72.4 112.4



#10
Phenol
Concen: 45.897 ng
RT: 6.439 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 94 Resp: 624166
Ion Ratio Lower Upper
94 100
65 26.9 7.2 47.2
66 34.3 14.5 54.5

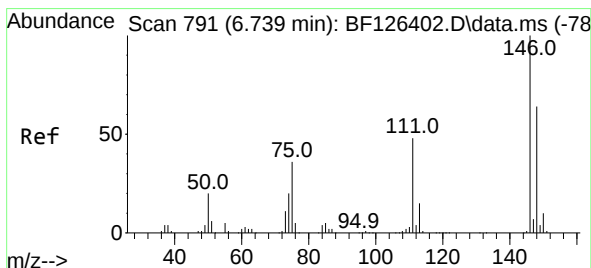
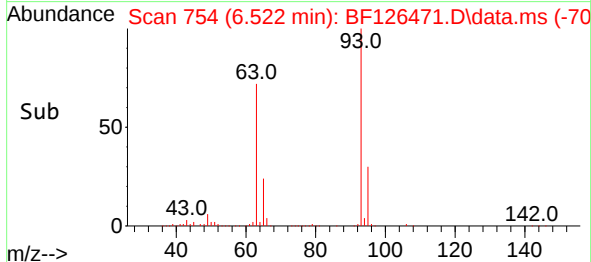
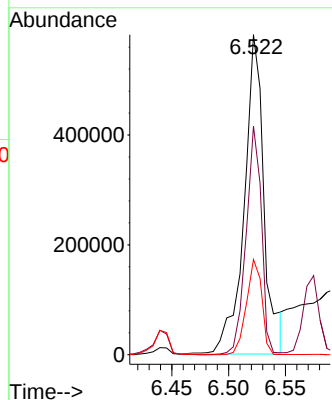
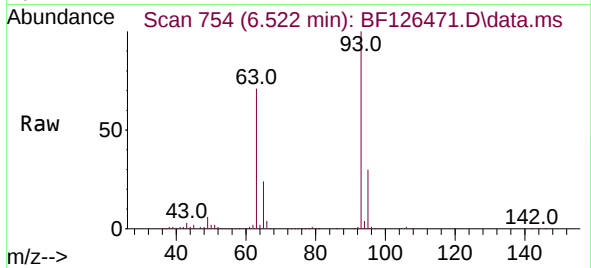




#11
bis(2-Chloroethyl)ether
Concen: 68.202 ng
RT: 6.522 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

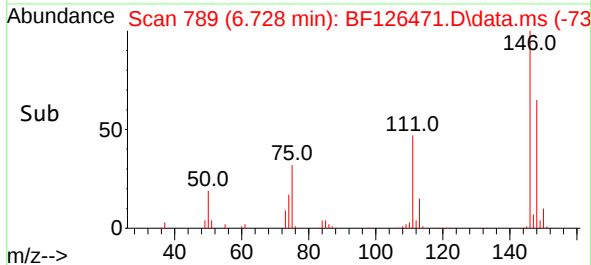
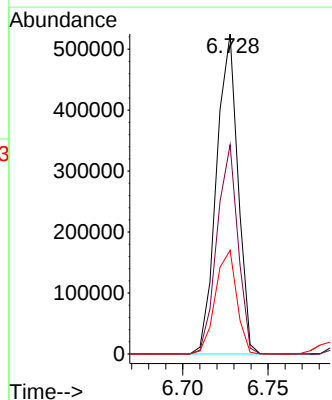
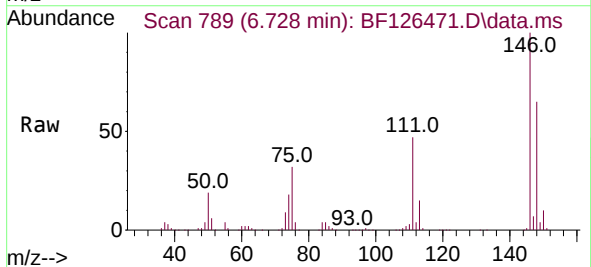
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

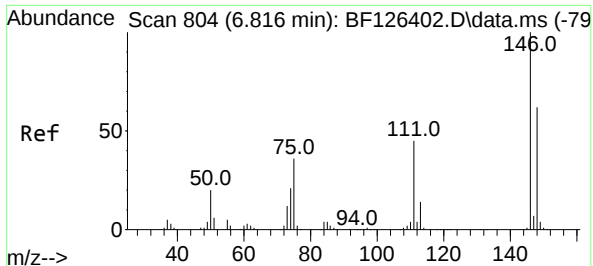
Tgt Ion: 93 Resp: 708213
Ion Ratio Lower Upper
93 100
63 71.5 60.5 100.5
95 29.8 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.901 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:146 Resp: 458504
Ion Ratio Lower Upper
146 100
148 65.4 50.9 76.3
75 32.4 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 49.224 ng

RT: 6.804 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

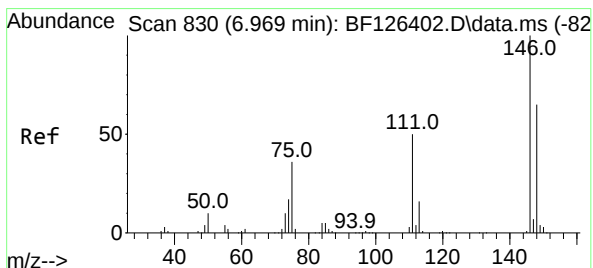
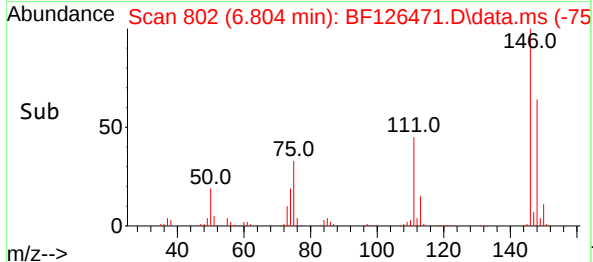
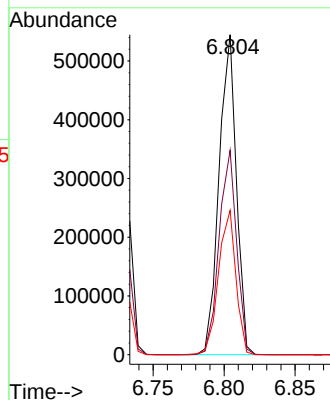
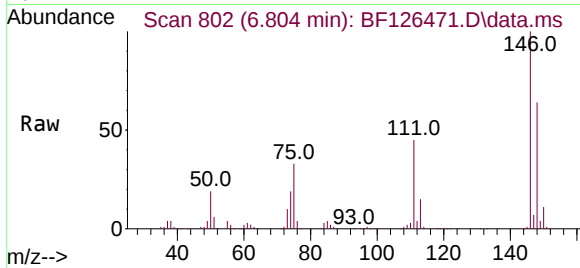
Tgt Ion:146 Resp: 460694

Ion Ratio Lower Upper

146 100

148 63.9 49.8 74.6

111 45.1 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 49.516 ng

RT: 6.957 min Scan# 828

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

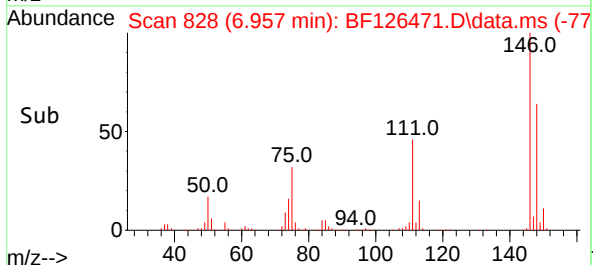
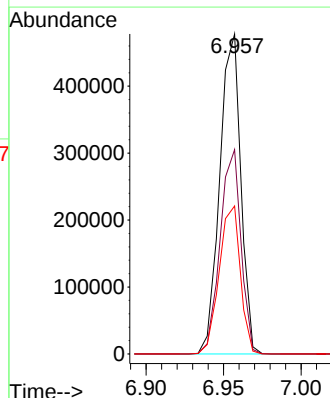
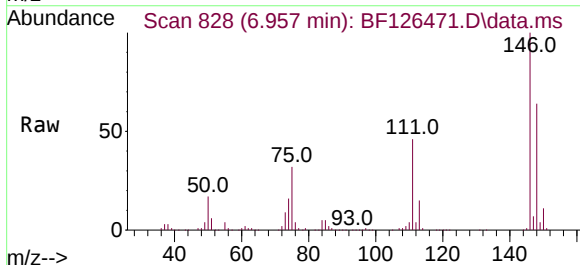
Tgt Ion:146 Resp: 451542

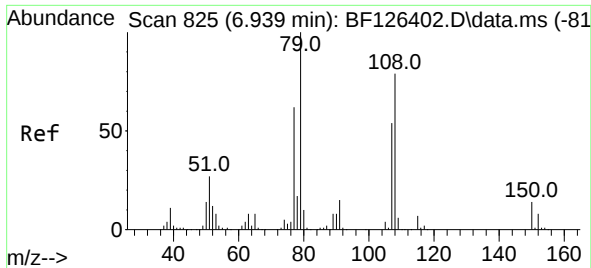
Ion Ratio Lower Upper

146 100

148 63.9 51.6 77.4

111 46.2 40.2 60.2

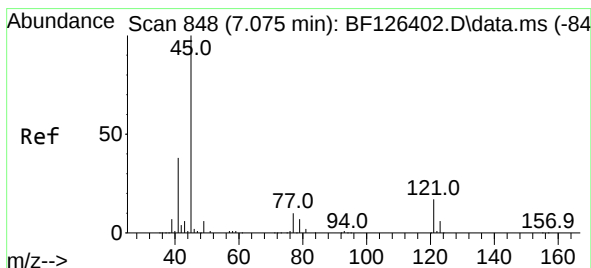
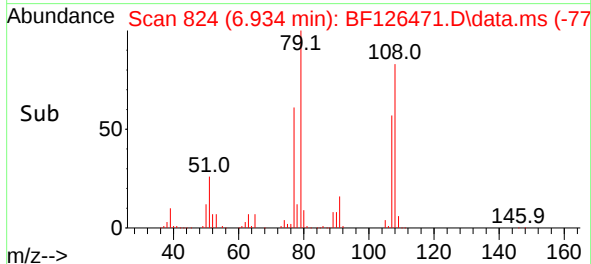
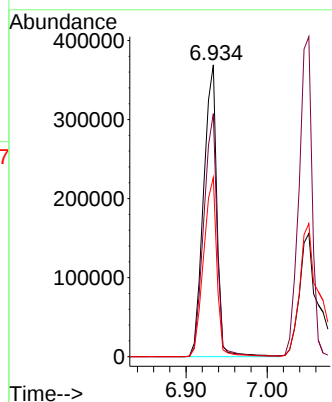
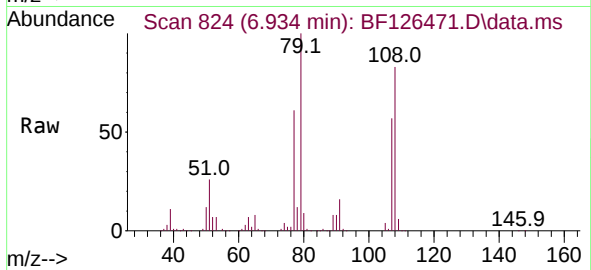




#15
Benzyl Alcohol
Concen: 49.516 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

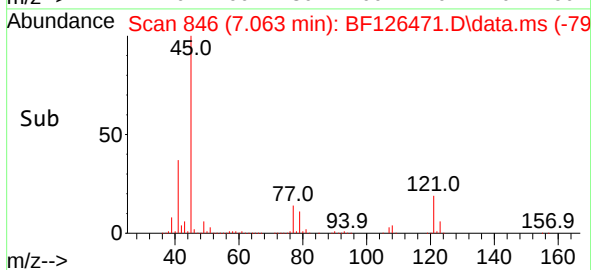
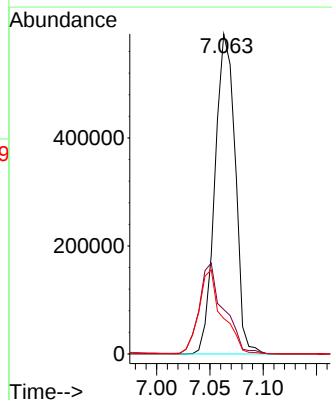
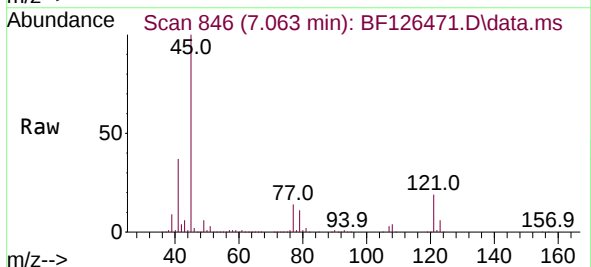
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

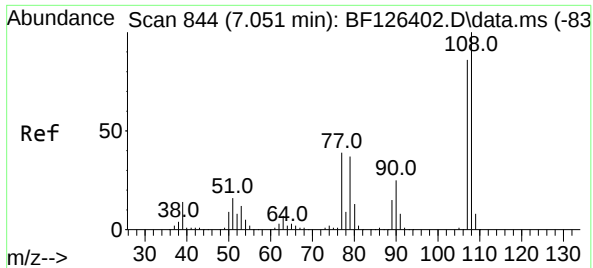
Tgt Ion: 79 Resp: 422188
Ion Ratio Lower Upper
79 100
108 83.3 63.2 94.8
77 61.4 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.956 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 45 Resp: 782079
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.4
79 11.1 0.0 29.8

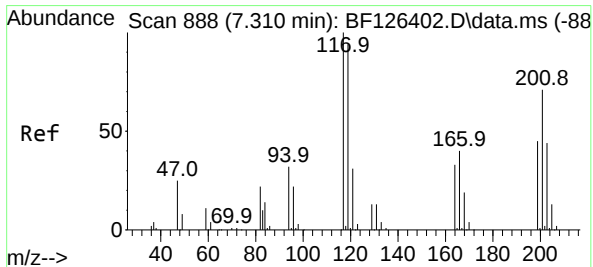
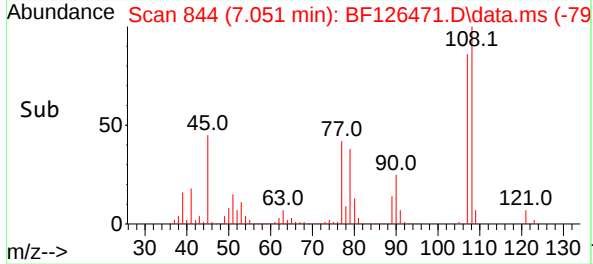
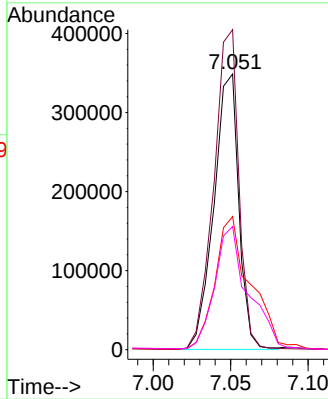
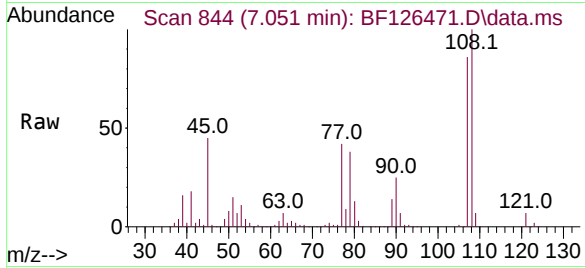




#17
2-Methylphenol
Concen: 47.208 ng
RT: 7.051 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

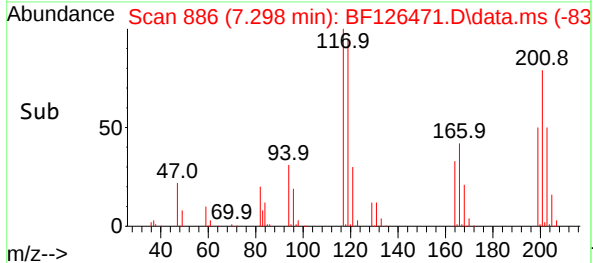
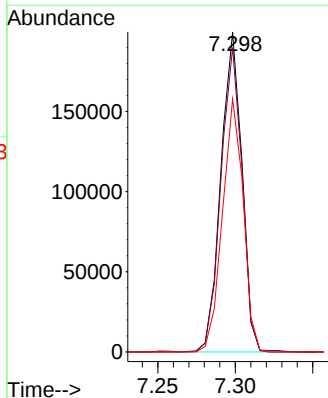
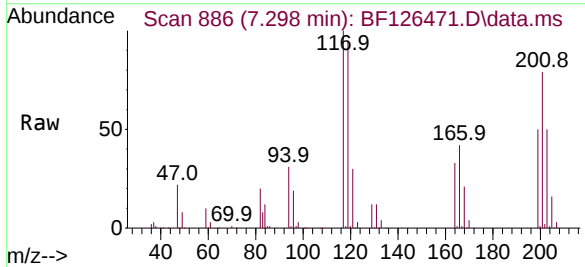
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

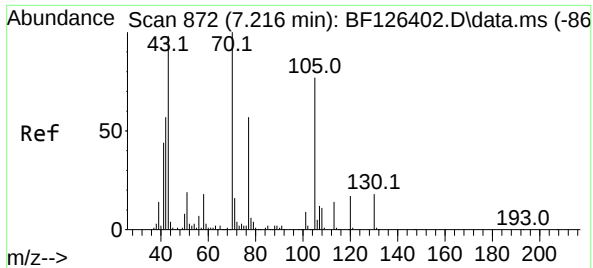
Tgt Ion:107	Resp: 389634
Ion Ratio	Lower Upper
107 100	
108 116.1	93.4 140.0
77 48.3	36.1 54.1
79 44.7	34.9 52.3



#18
Hexachloroethane
Concen: 50.281 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt	Ion:117	Resp:	187491
Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.4	113.0
201	79.1	56.8	85.2

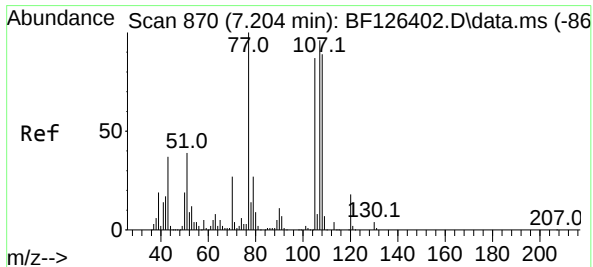
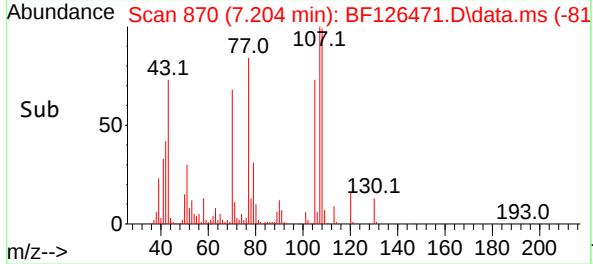
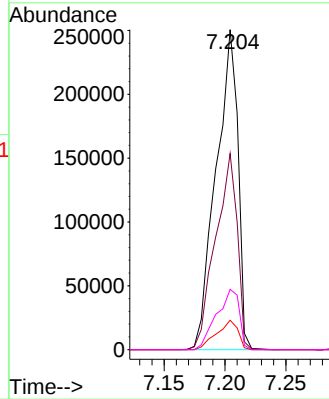
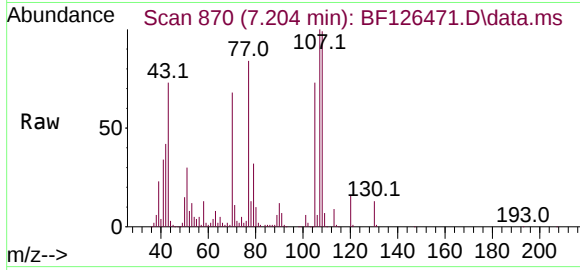




#19
n-Nitroso-di-n-propylamine
Concen: 44.934 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

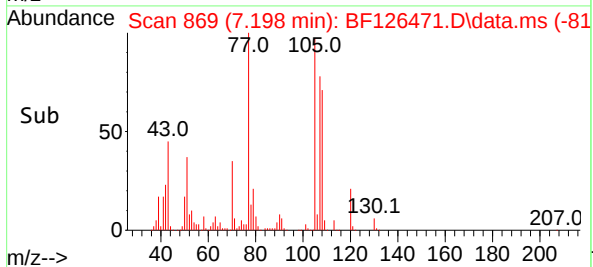
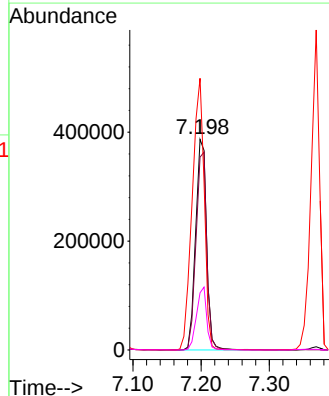
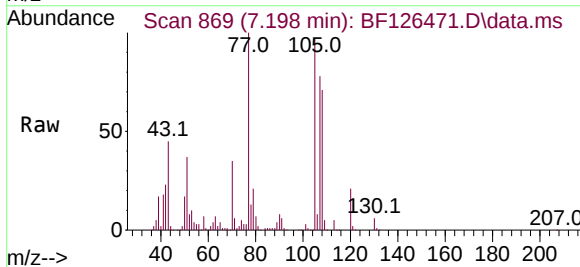
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

Tgt Ion: 70 Resp: 312466
Ion Ratio Lower Upper
70 100
42 61.3 45.8 68.8
101 9.2 6.9 10.3
130 18.9 14.4 21.6



#20
3+4-Methylphenols
Concen: 43.685 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:107 Resp: 429257
Ion Ratio Lower Upper
107 100
108 91.6 72.4 112.4
77 129.0 83.8 123.8#
79 27.1 8.5 48.5

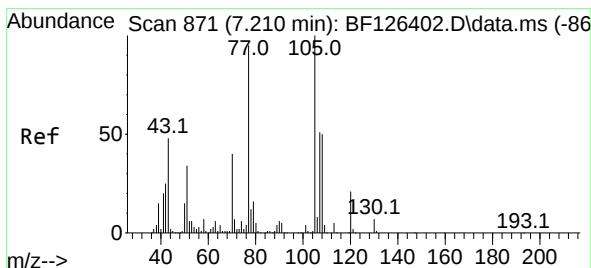
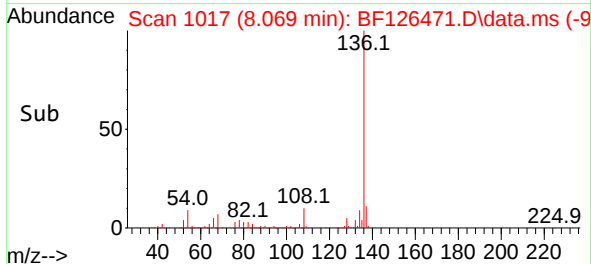
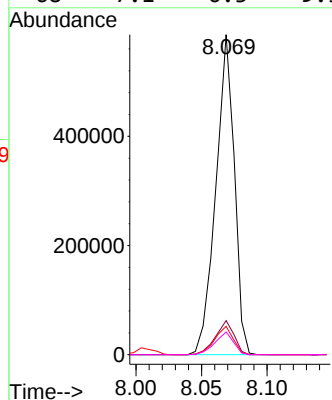
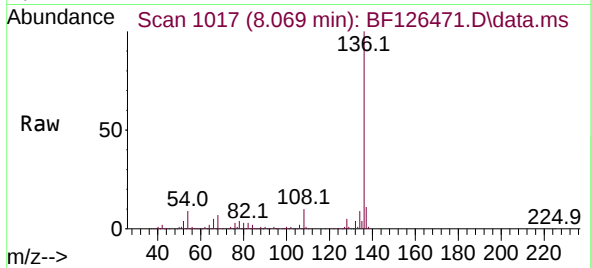




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

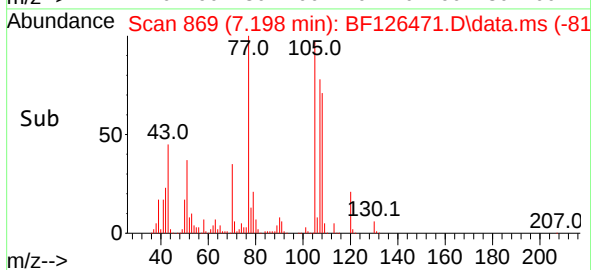
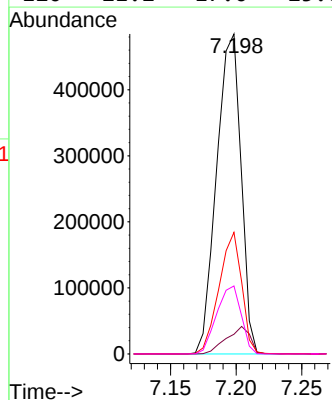
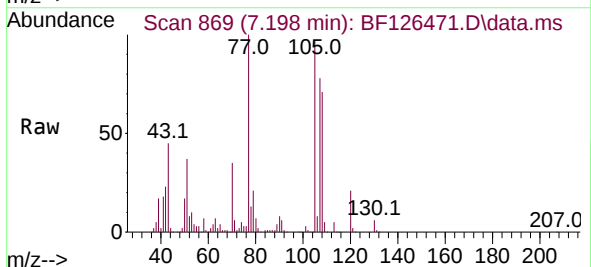
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

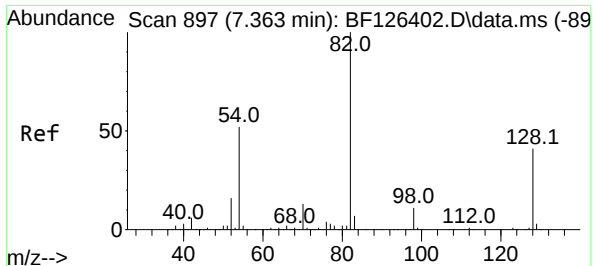
Tgt Ion:136 Resp: 574292
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.9 7.8 11.6
68 7.1 6.3 9.5



#22
Acetophenone
Concen: 47.153 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:105 Resp: 626029
Ion Ratio Lower Upper
105 100
71 6.2 5.4 8.0
51 38.0 27.4 41.0
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.619 ng

RT: 7.351 min Scan# 895

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

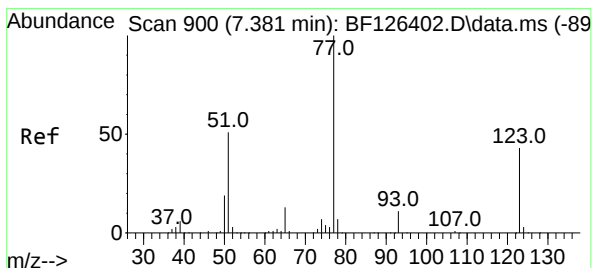
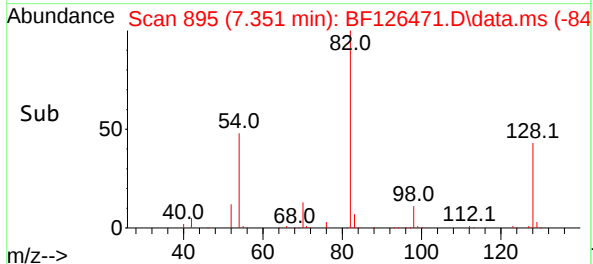
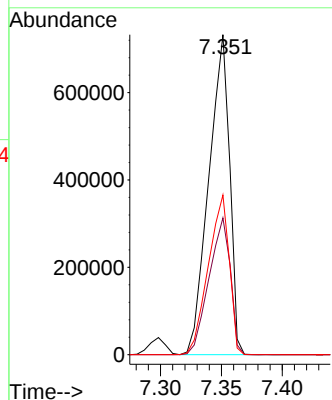
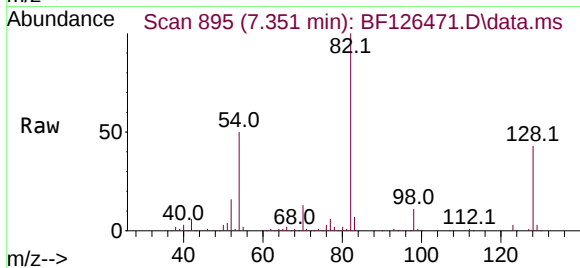
Tgt Ion: 82 Resp: 868146

Ion Ratio Lower Upper

82 100

128 42.8 32.7 49.1

54 49.9 41.7 62.5



#24

Nitrobenzene

Concen: 46.116 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

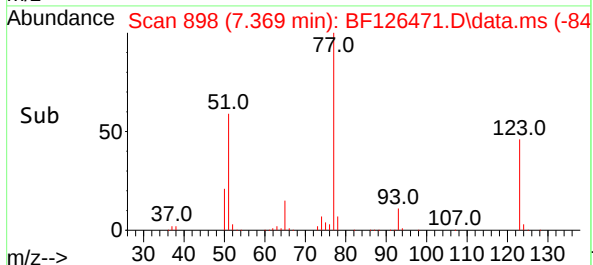
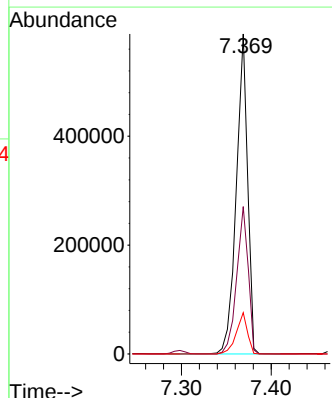
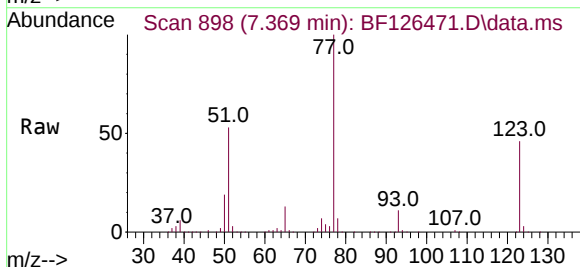
Tgt Ion: 77 Resp: 516151

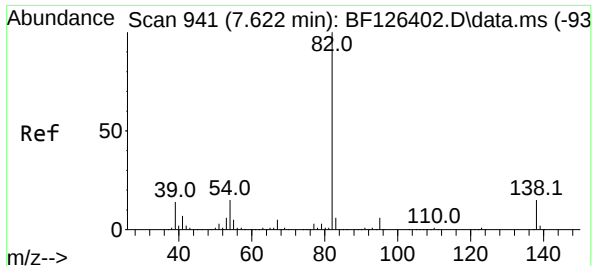
Ion Ratio Lower Upper

77 100

123 46.1 34.6 52.0

65 12.9 10.6 15.8

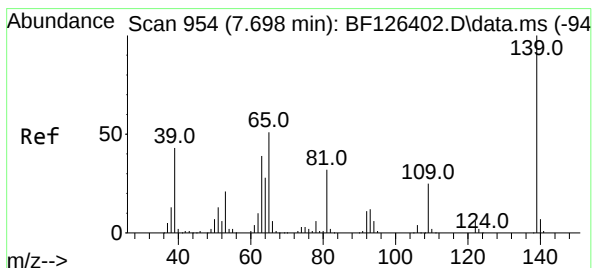
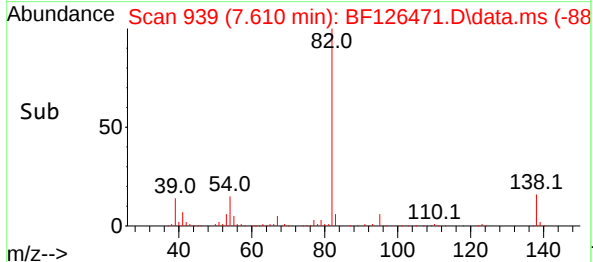
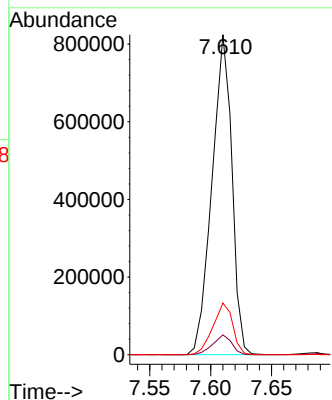
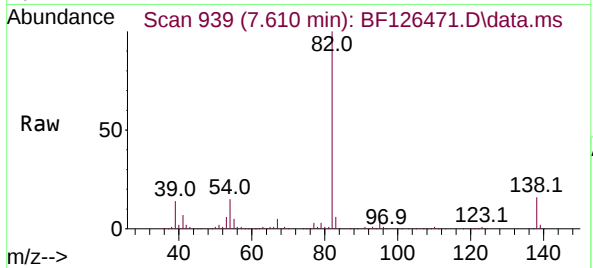




#25
Isophorone
Concen: 47.002 ng
RT: 7.610 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

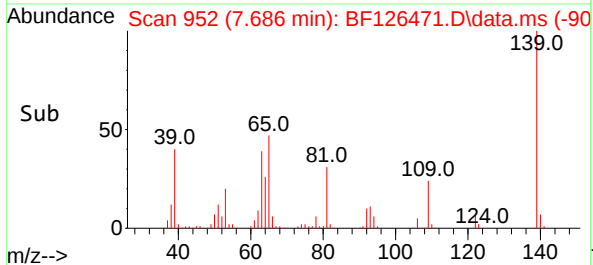
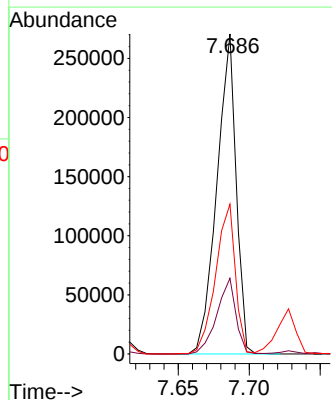
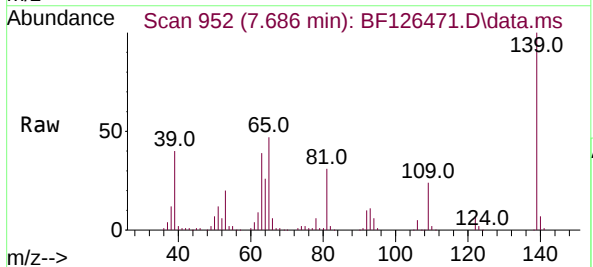
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

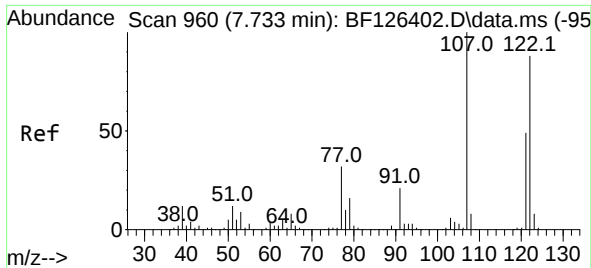
Tgt Ion: 82 Resp: 941086
Ion Ratio Lower Upper
82 100
95 6.2 5.0 7.4
138 16.2 12.3 18.5



#26
2-Nitrophenol
Concen: 51.470 ng
RT: 7.686 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 139 Resp: 255375
Ion Ratio Lower Upper
139 100
109 23.6 20.0 30.0
65 46.8 40.8 61.2

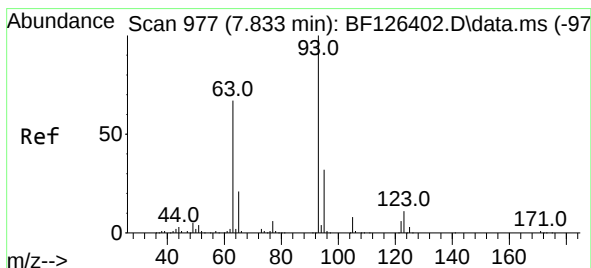
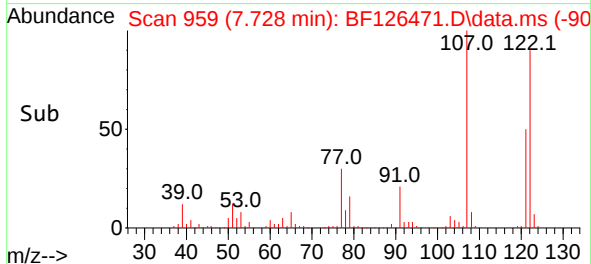
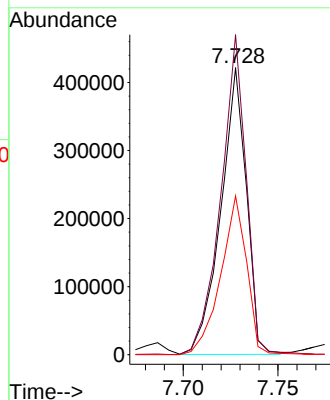
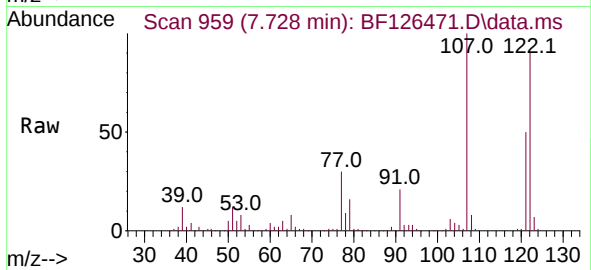




#27
2,4-Dimethylphenol
Concen: 51.045 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

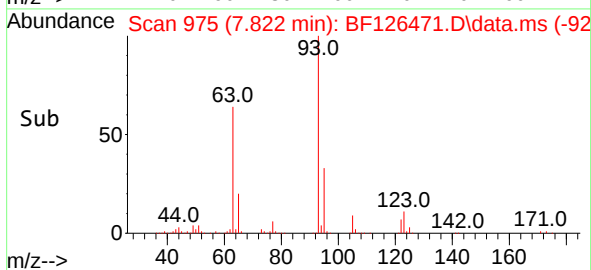
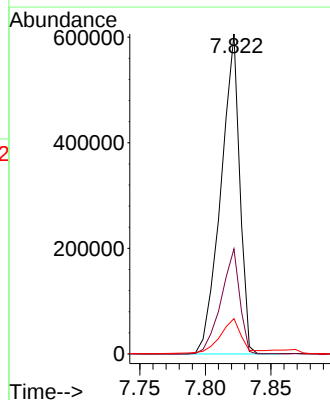
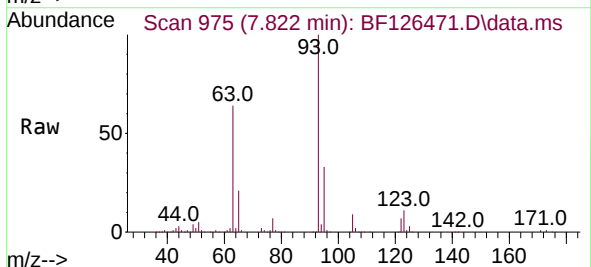
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

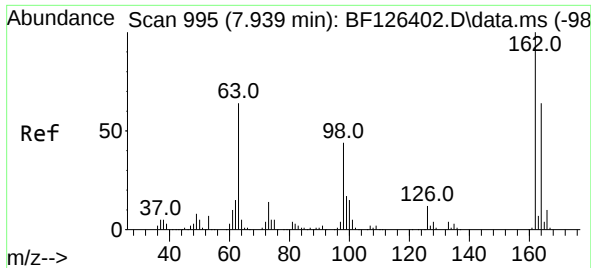
Tgt Ion:122 Resp: 396016
Ion Ratio Lower Upper
122 100
107 111.5 91.2 136.8
121 55.3 44.4 66.6



#28
bis(2-Chloroethoxy)methane
Concen: 46.362 ng
RT: 7.822 min Scan# 975
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 93 Resp: 606403
Ion Ratio Lower Upper
93 100
95 32.8 25.4 38.2
123 11.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 49.486 ng

RT: 7.934 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

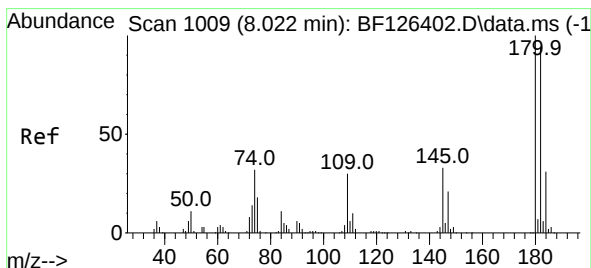
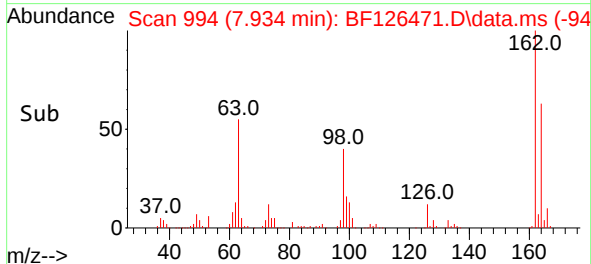
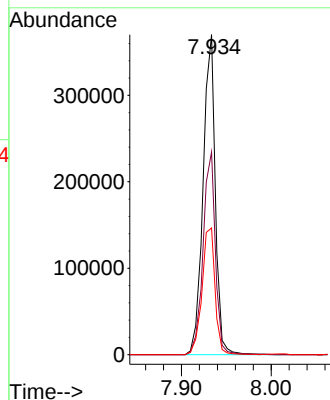
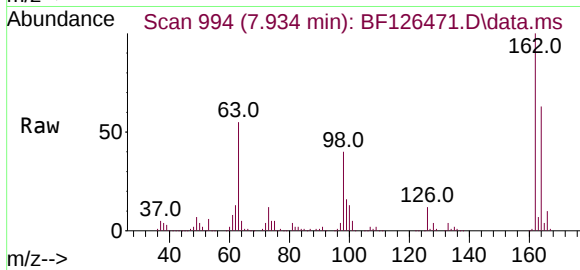
Tgt Ion:162 Resp: 350559

Ion Ratio Lower Upper

162 100

164 63.3 43.8 83.8

98 39.6 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 49.241 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

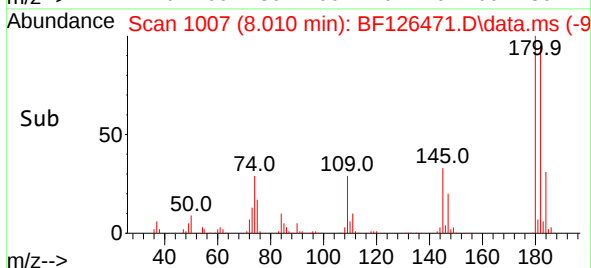
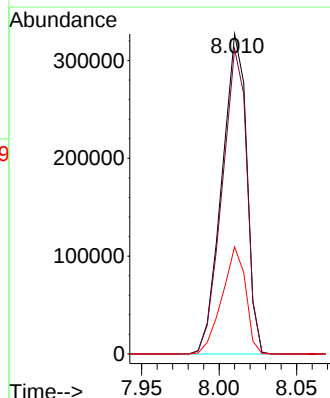
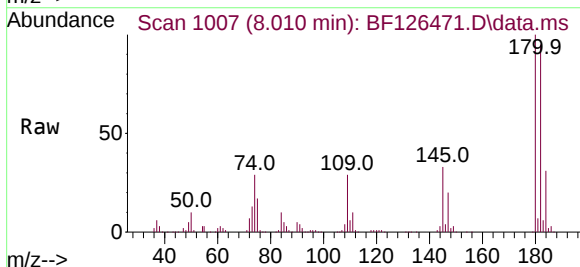
Tgt Ion:180 Resp: 363545

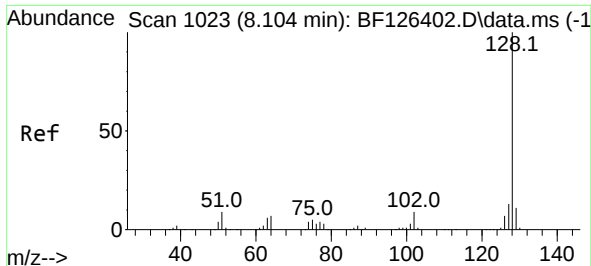
Ion Ratio Lower Upper

180 100

182 95.4 75.5 113.3

145 33.5 26.2 39.2





#31

Naphthalene

Concen: 48.559 ng

RT: 8.092 min Scan# 1021

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

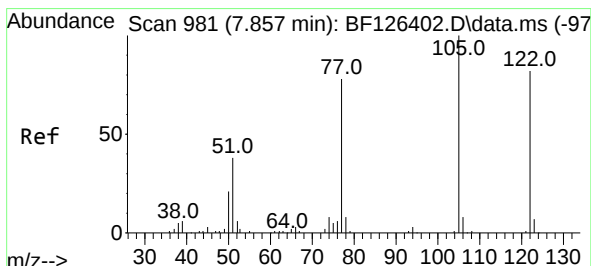
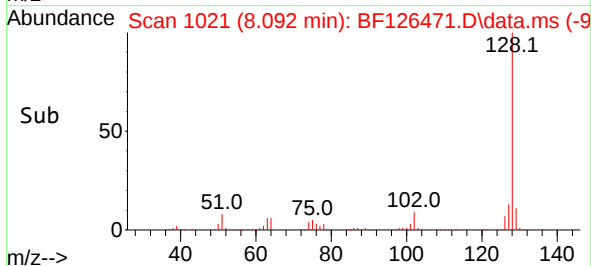
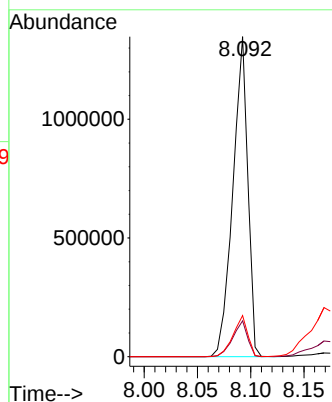
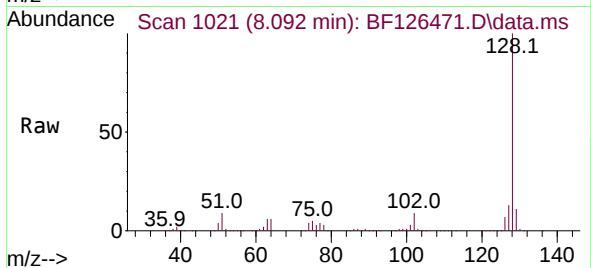
Tgt Ion:128 Resp: 1316279

Ion Ratio Lower Upper

128 100

129 11.2 8.6 13.0

127 12.9 10.3 15.5



#32

Benzoic acid

Concen: 60.014 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.024 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

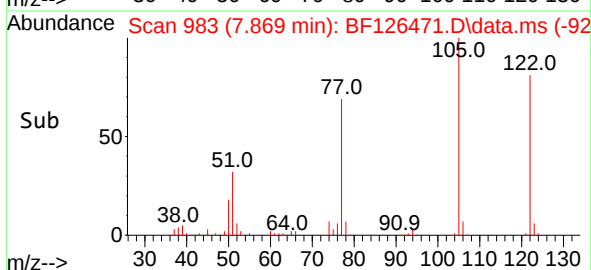
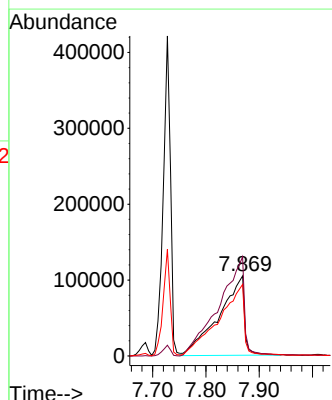
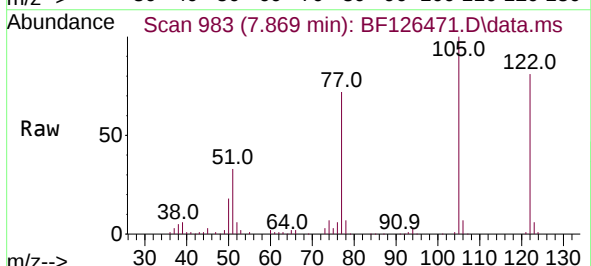
Tgt Ion:122 Resp: 349466

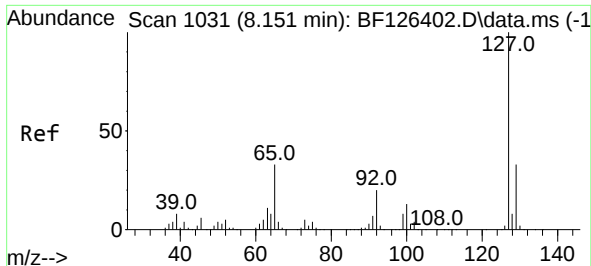
Ion Ratio Lower Upper

122 100

105 123.9 101.0 141.0

77 89.4 74.5 114.5



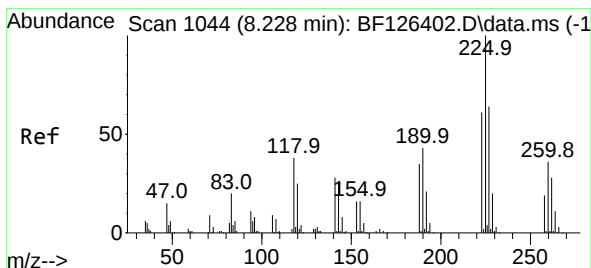
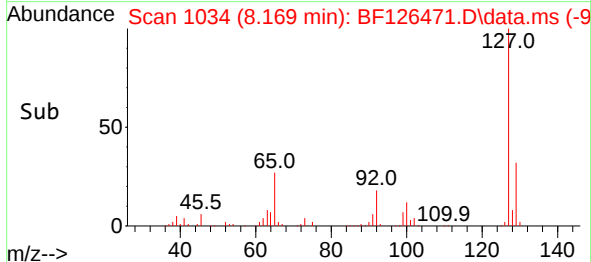
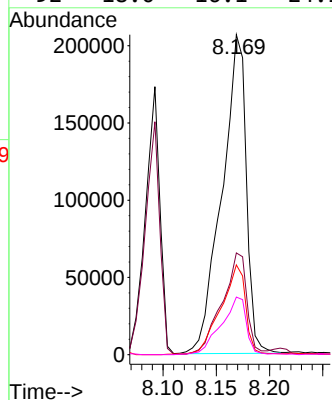
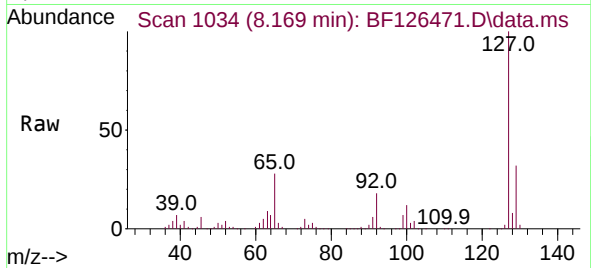


#33
4-Chloroaniline
Concen: 28.953 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.029 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

Tgt Ion:127 Resp: 328782

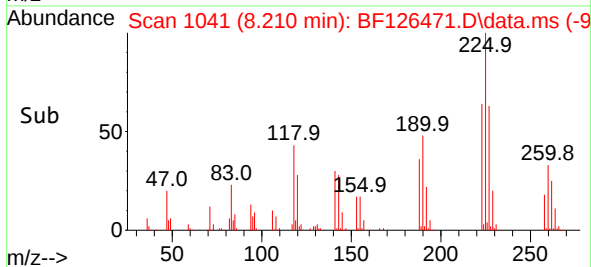
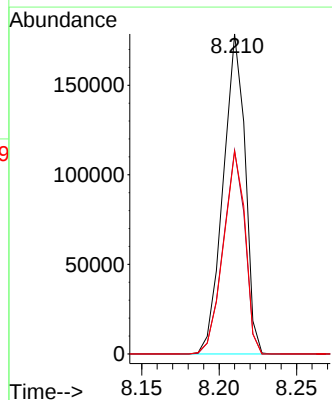
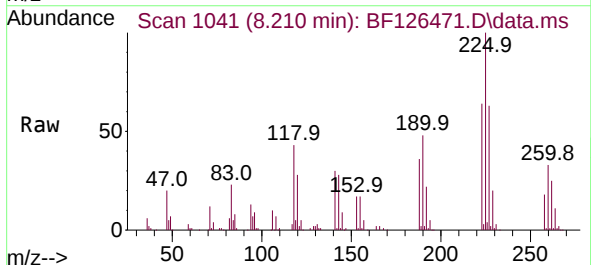
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.5	39.7
65	28.0	26.6	39.8
92	18.0	16.1	24.1

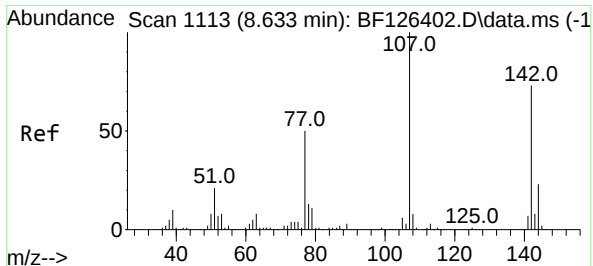


#34
Hexachlorobutadiene
Concen: 48.959 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:225 Resp: 175686

Ion	Ratio	Lower	Upper
225	100		
223	63.6	48.6	73.0
227	63.3	51.4	77.0





#36

4-Chloro-3-methylphenol

Concen: 47.290 ng

RT: 8.628 min Scan# 1113

Delta R.T. 0.006 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

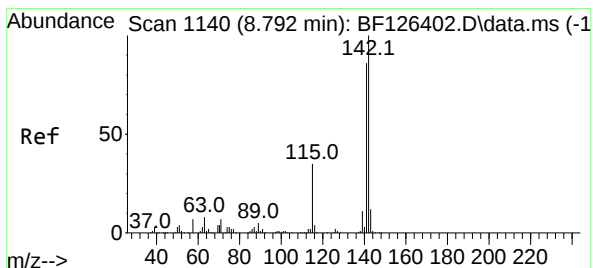
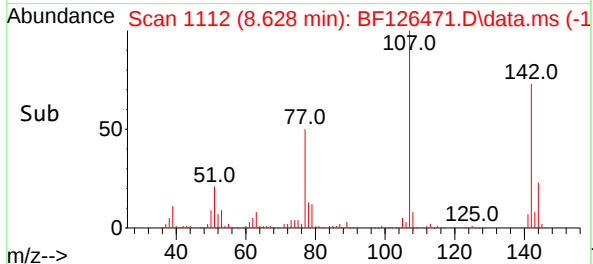
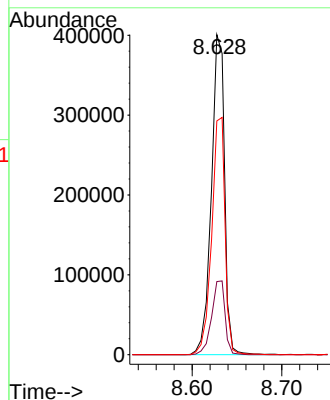
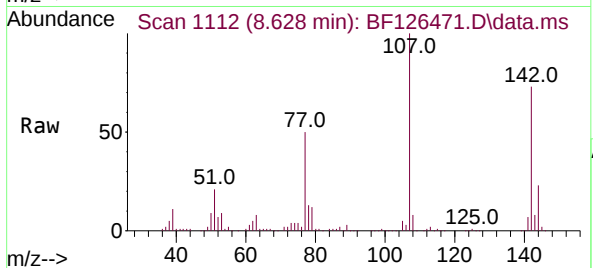
Tgt Ion:107 Resp: 408842

Ion Ratio Lower Upper

107 100

144 22.9 18.5 27.7

142 73.1 58.1 87.1



#37

2-Methylnaphthalene

Concen: 51.578 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.006 min

Lab File: BF126471.D

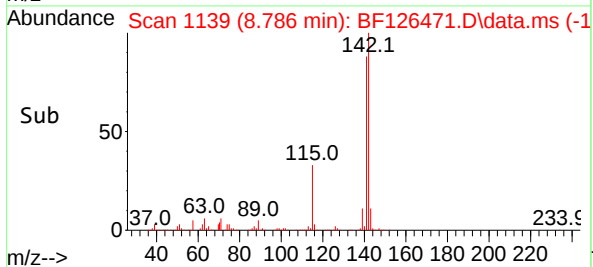
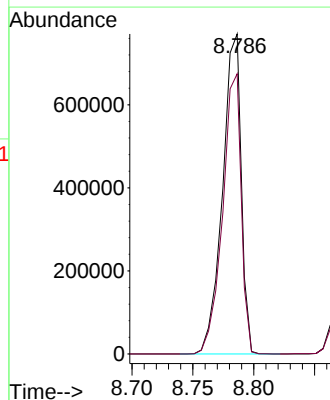
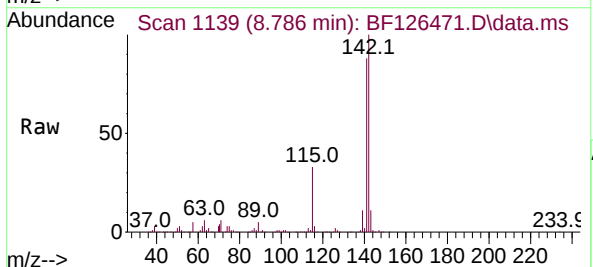
Acq: 4 Jan 2022 16:58

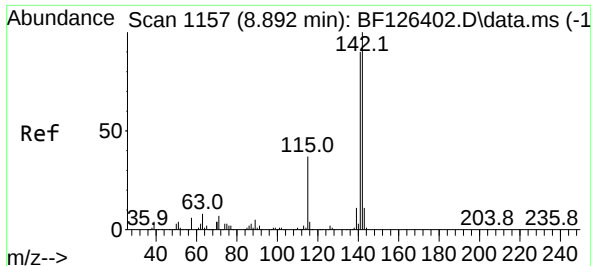
Tgt Ion:142 Resp: 824762

Ion Ratio Lower Upper

142 100

141 87.5 68.6 102.8

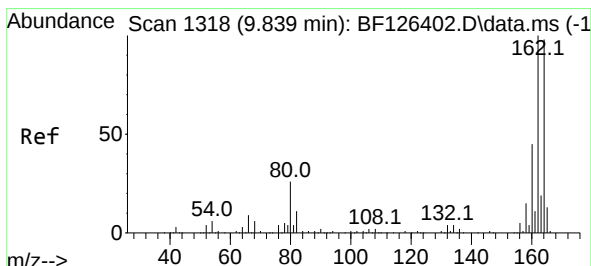
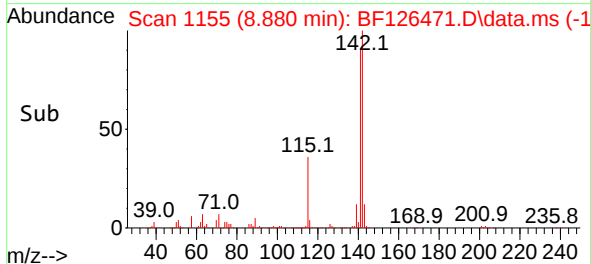
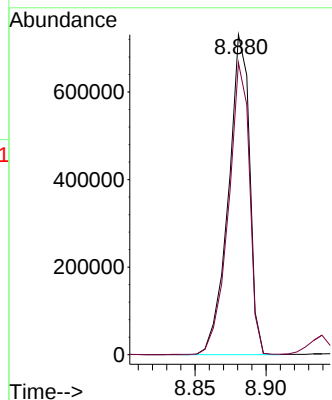
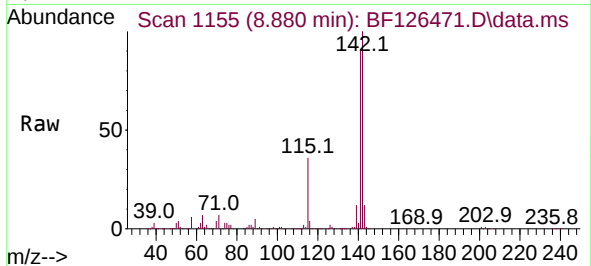




#38
1-Methylnaphthalene
Concen: 49.031 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

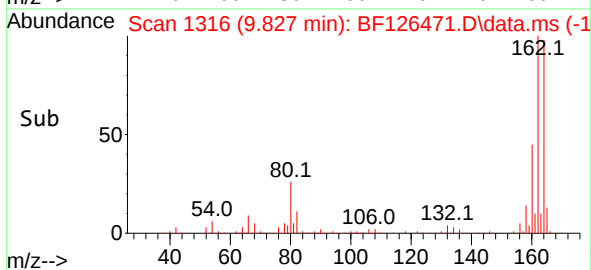
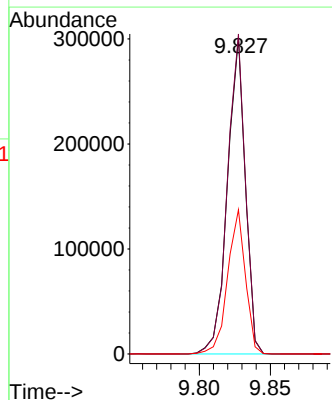
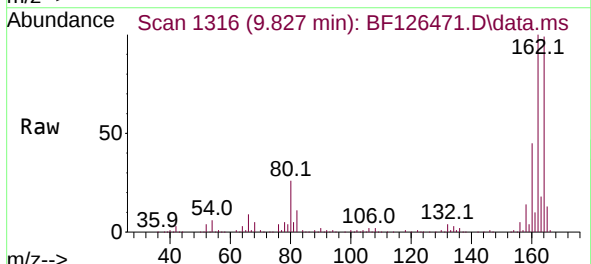
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

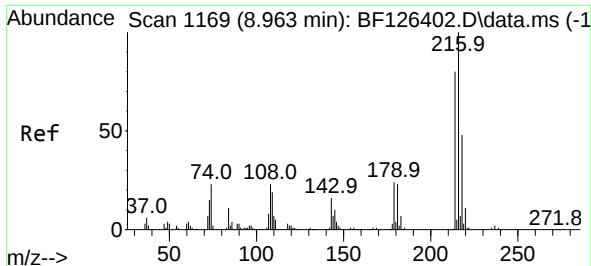
Tgt Ion:142 Resp: 758027
Ion Ratio Lower Upper
142 100
141 91.3 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

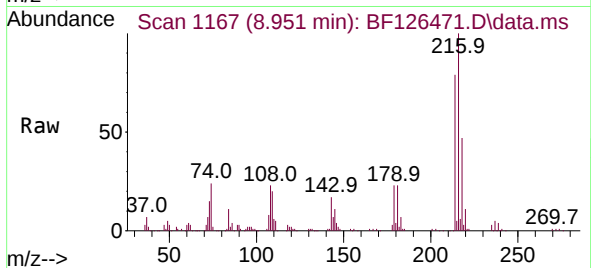
Tgt Ion:164 Resp: 264337
Ion Ratio Lower Upper
164 100
162 101.3 81.4 122.0
160 45.6 36.6 54.8



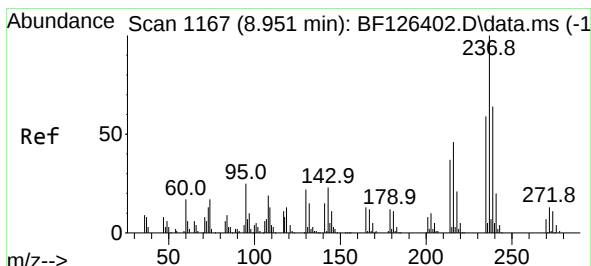
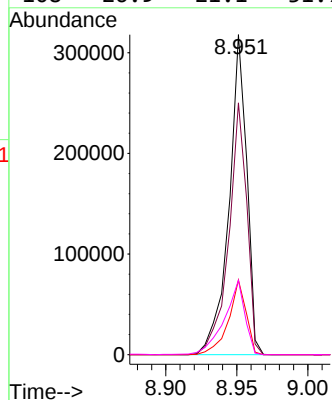
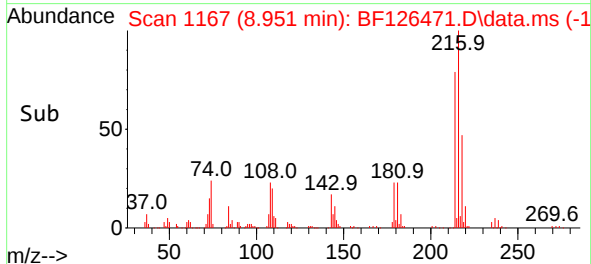


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.298 ng
RT: 8.951 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

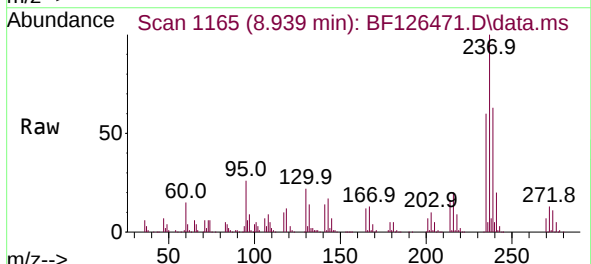
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



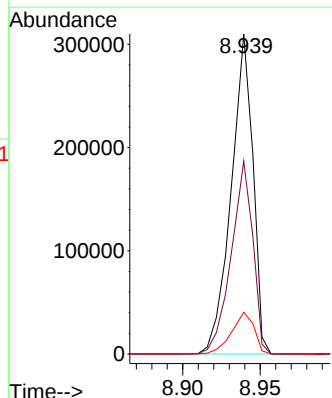
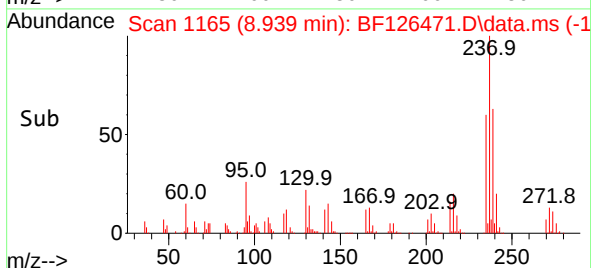
Tgt Ion:216 Resp: 277427
Ion Ratio Lower Upper
216 100
214 79.5 64.6 96.8
179 23.2 19.5 29.3
108 26.9 21.1 31.7

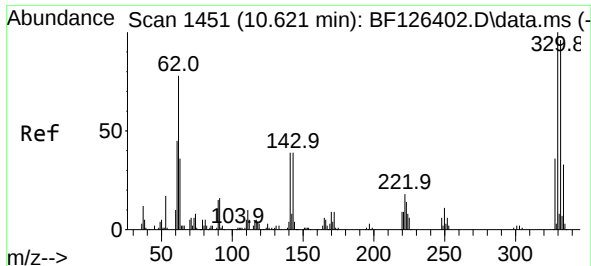


#41
Hexachlorocyclopentadiene
Concen: 129.248 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



Tgt Ion:237 Resp: 302264
Ion Ratio Lower Upper
237 100
235 60.2 38.9 78.9
272 13.1 0.0 33.5





#42

2,4,6-Tribromophenol

Concen: 120.888 ng

RT: 10.616 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF126471.D

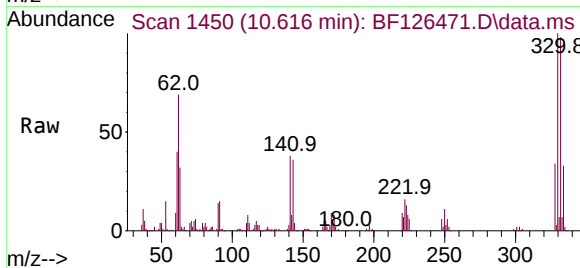
Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD



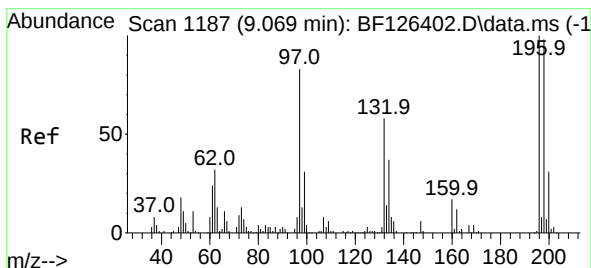
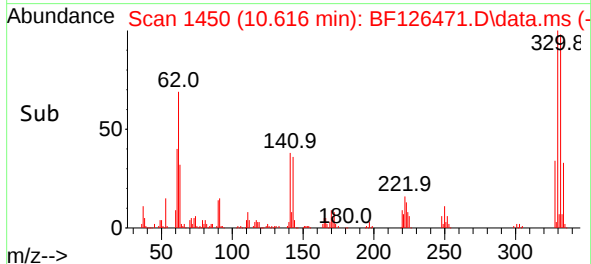
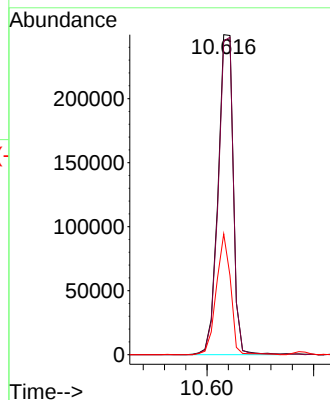
Tgt Ion:330 Resp: 246933

Ion Ratio Lower Upper

330 100

332 98.2 76.0 114.0

141 35.3 30.1 45.1



#43

2,4,6-Trichlorophenol

Concen: 49.884 ng

RT: 9.063 min Scan# 1186

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

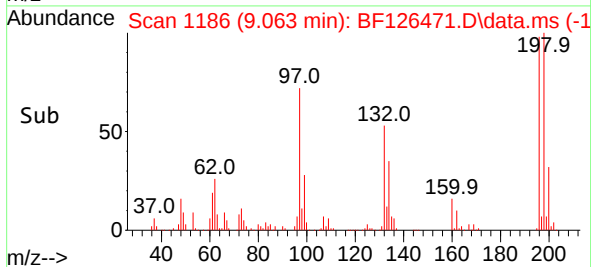
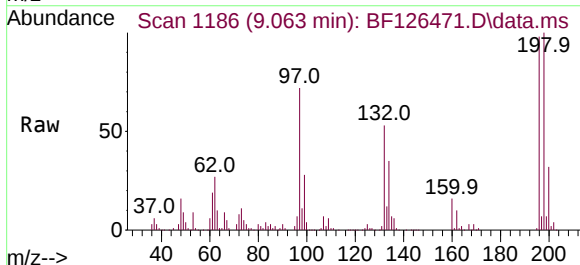
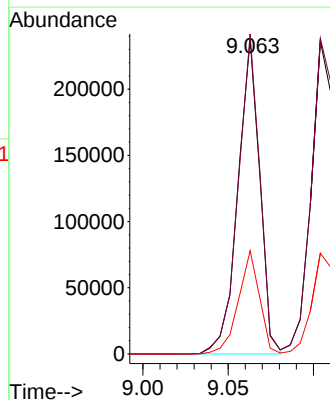
Tgt Ion:196 Resp: 211906

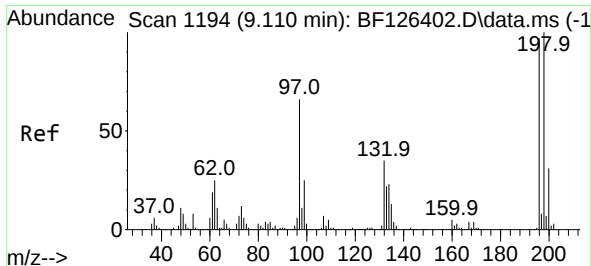
Ion Ratio Lower Upper

196 100

198 101.7 78.5 117.7

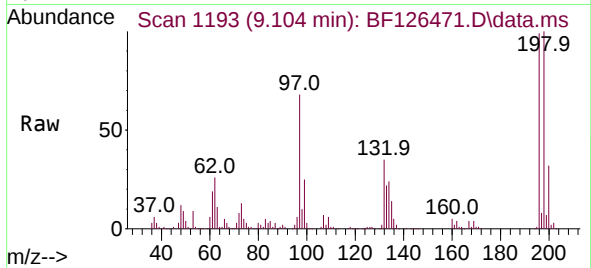
200 32.8 24.9 37.3



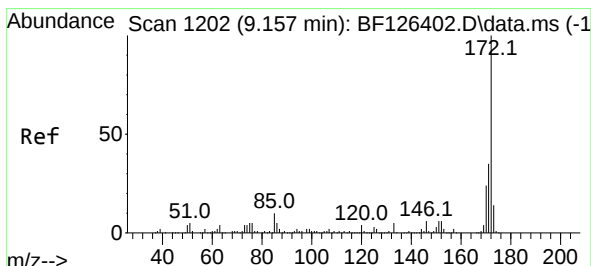
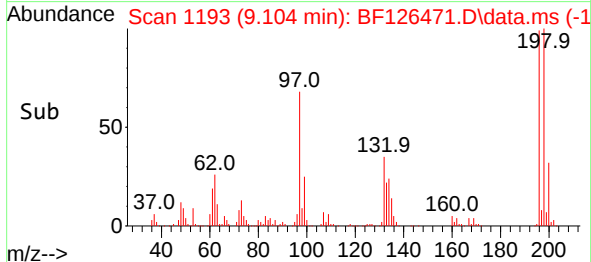
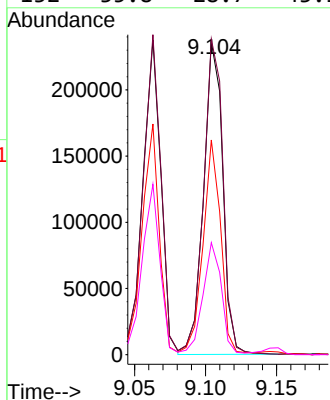


#44
2,4,5-Trichlorophenol
Concen: 48.590 ng
RT: 9.104 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

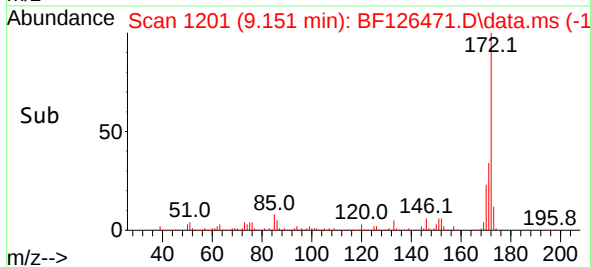
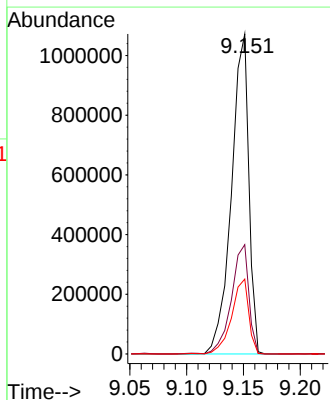
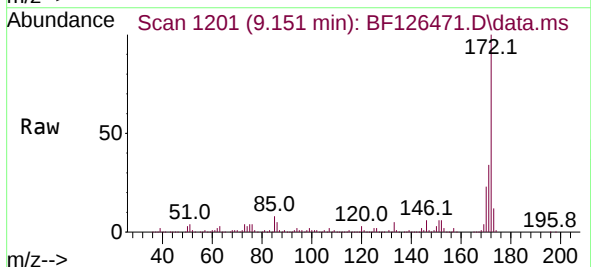


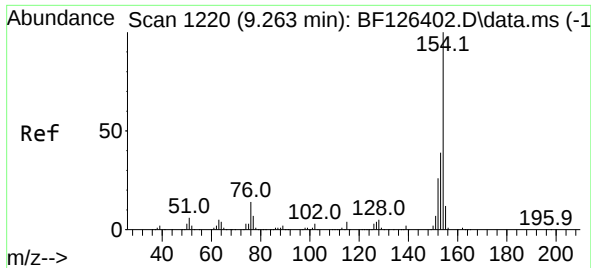
Tgt Ion:196 Resp: 222173
Ion Ratio Lower Upper
196 100
198 100.9 82.0 123.0
97 68.6 53.5 80.3
132 35.8 28.7 43.1



#45
2-Fluorobiphenyl
Concen: 75.683 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:172 Resp: 1136878
Ion Ratio Lower Upper
172 100
171 34.2 28.3 42.5
170 23.4 19.0 28.6

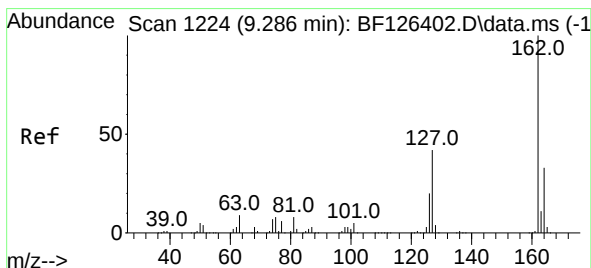
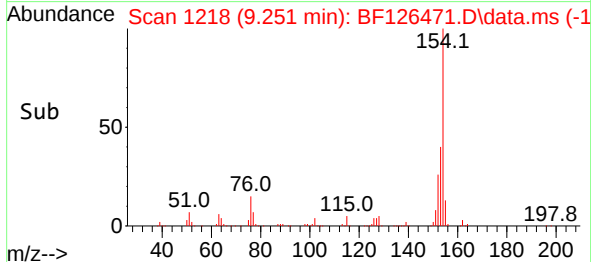
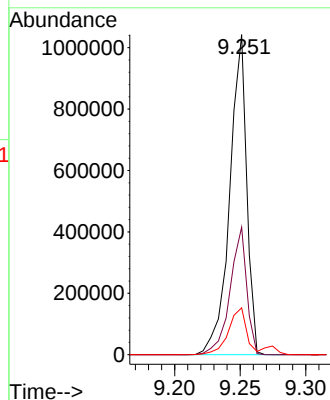
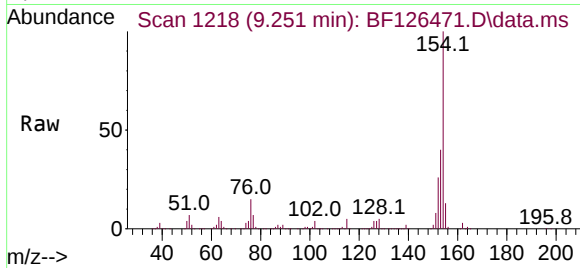




#46
1,1'-Biphenyl
Concen: 48.476 ng
RT: 9.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

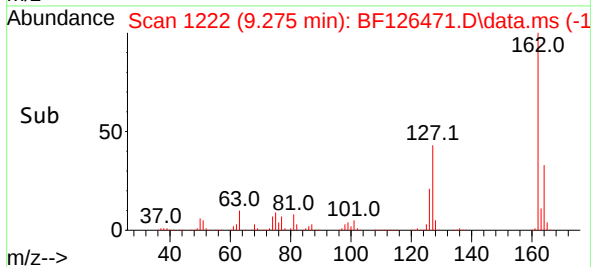
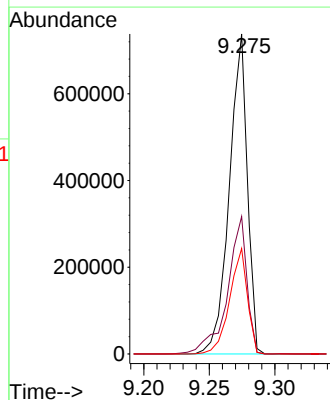
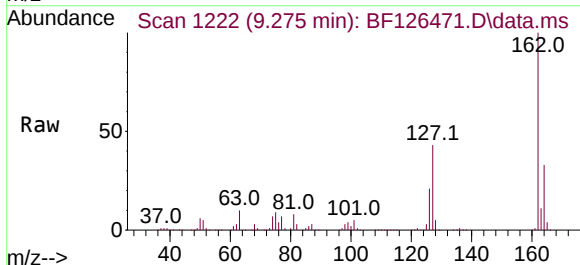
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

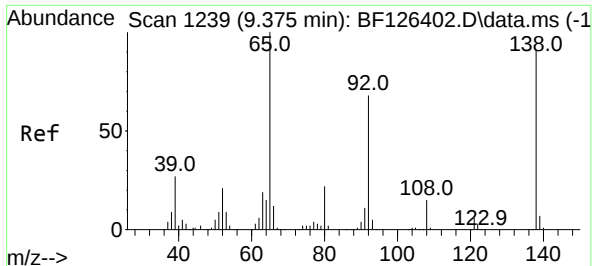
Tgt Ion:154 Resp: 939826
Ion Ratio Lower Upper
154 100
153 39.9 19.0 59.0
76 14.6 0.0 34.5



#47
2-Chloronaphthalene
Concen: 47.976 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

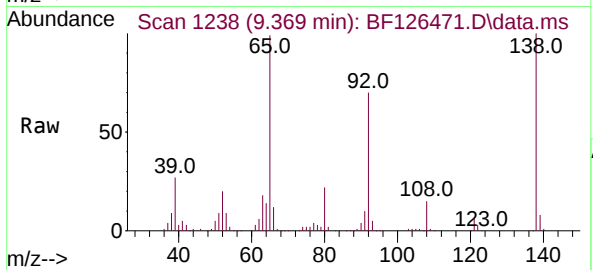
Tgt Ion:162 Resp: 704512
Ion Ratio Lower Upper
162 100
127 42.9 33.5 50.3
164 33.0 26.2 39.4





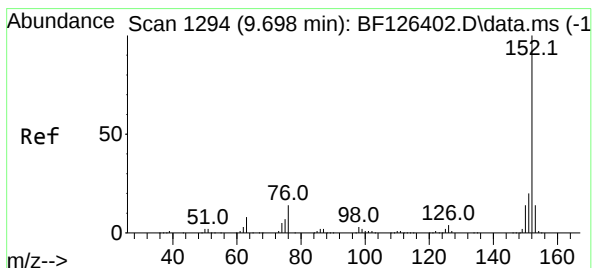
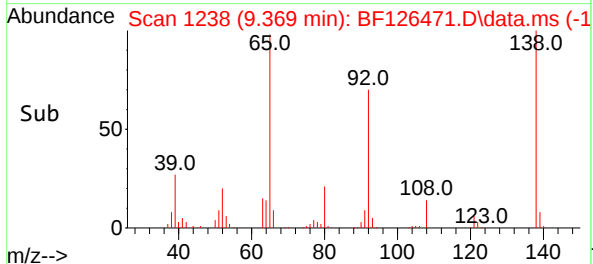
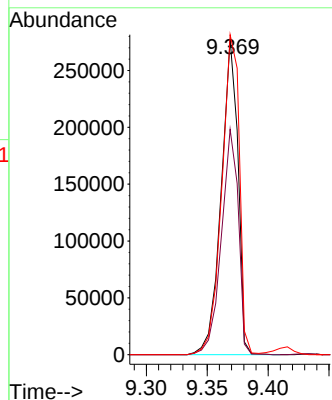
#48
2-Nitroaniline
Concen: 44.703 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



Tgt Ion: 65 Resp: 265083

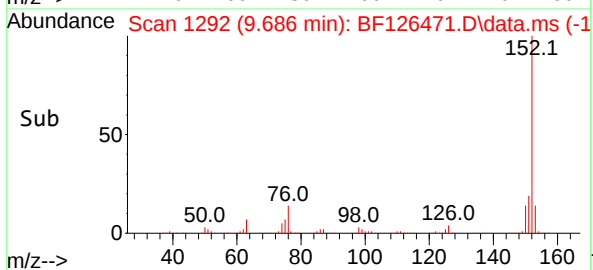
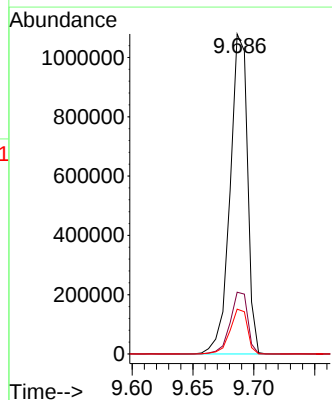
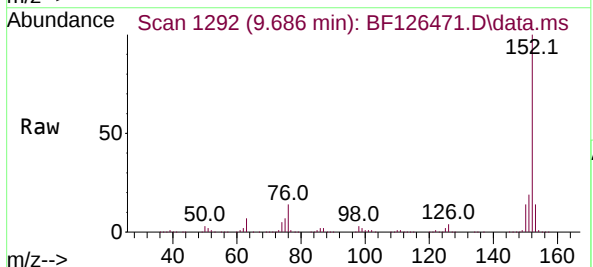
Ion	Ratio	Lower	Upper
65	100		
92	71.4	54.4	81.6
138	101.4	72.5	108.7

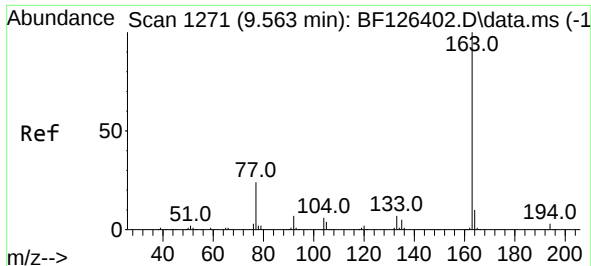


#49
Acenaphthylene
Concen: 48.278 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 152 Resp: 1075230

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.7	23.5
153	14.0	11.4	17.0

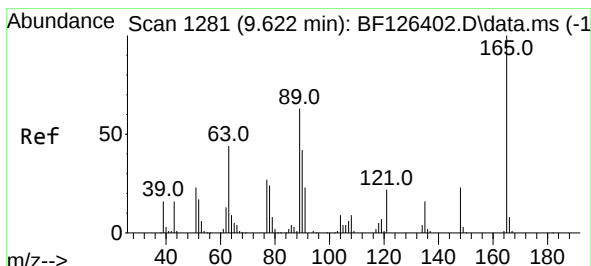
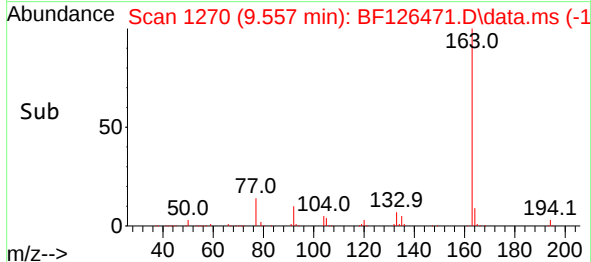
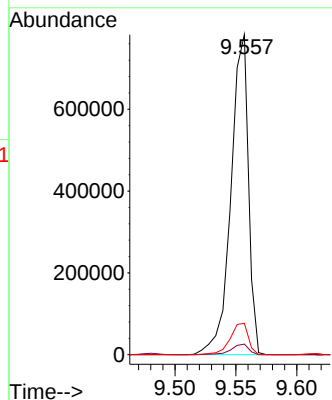
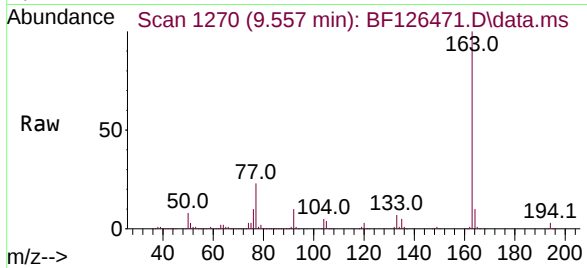




#50
Dimethylphthalate
Concen: 47.385 ng
RT: 9.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

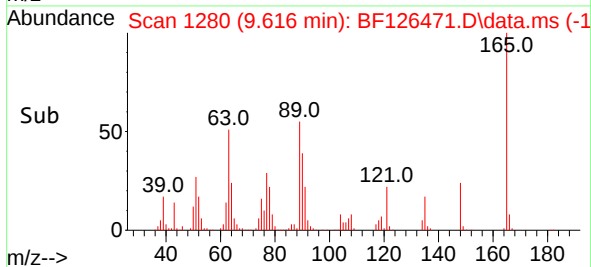
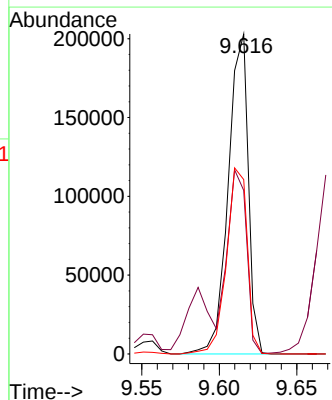
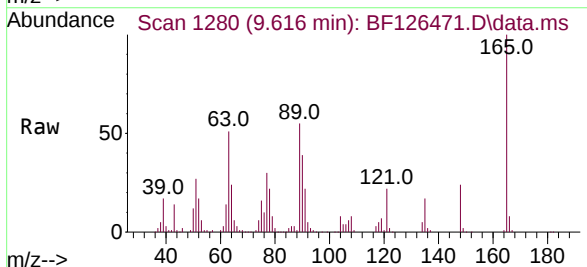
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

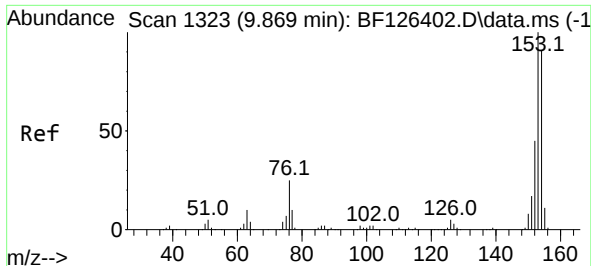
Tgt Ion:163 Resp: 781938
Ion Ratio Lower Upper
163 100
194 3.3 2.6 3.8
164 9.8 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 51.305 ng
RT: 9.616 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

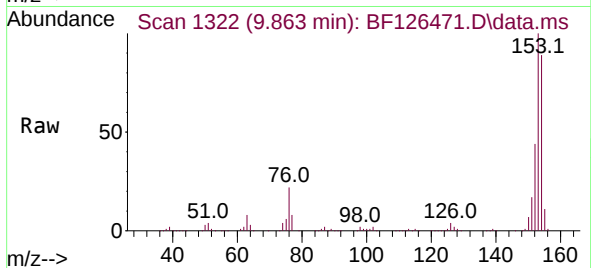
Tgt Ion:165 Resp: 182839
Ion Ratio Lower Upper
165 100
63 51.1 48.4 72.6
89 54.5 50.5 75.7



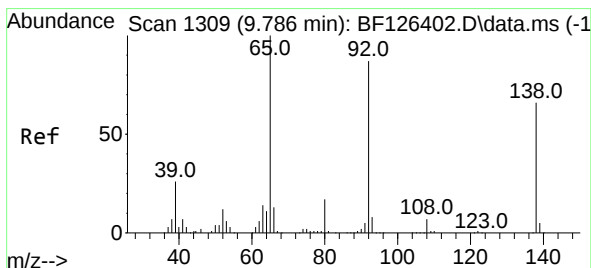
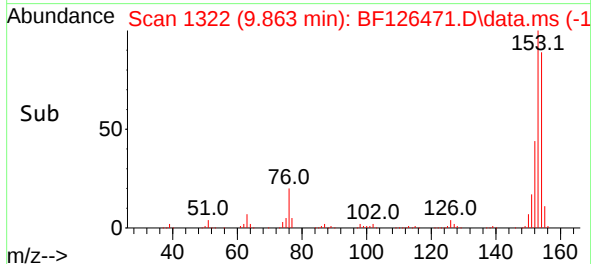
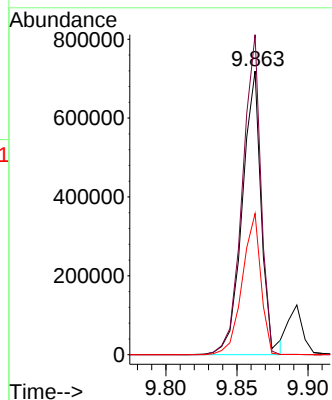


#52
Acenaphthene
Concen: 45.930 ng
RT: 9.863 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

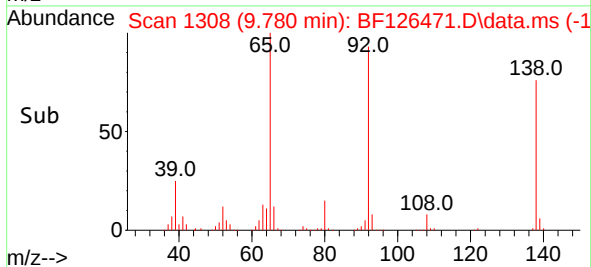
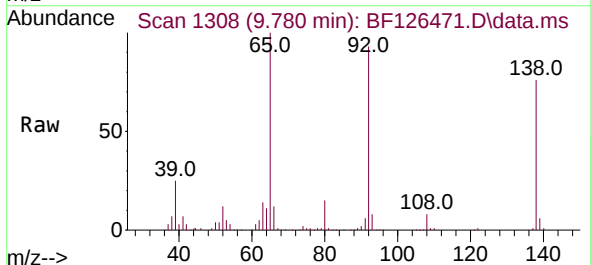
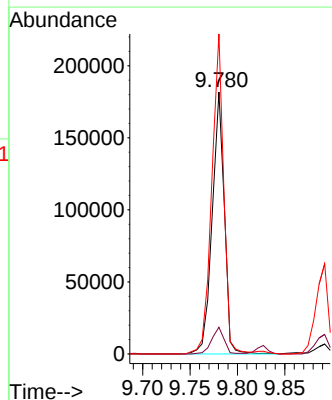


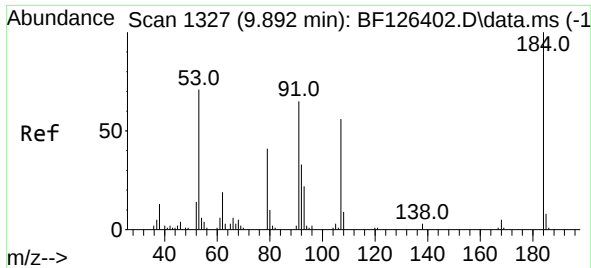
Tgt Ion:154 Resp: 670627
Ion Ratio Lower Upper
154 100
153 112.8 87.8 131.6
152 49.8 39.4 59.2



#53
3-Nitroaniline
Concen: 33.077 ng
RT: 9.780 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:138 Resp: 161626
Ion Ratio Lower Upper
138 100
108 10.2 8.6 13.0
92 122.1 105.0 157.6

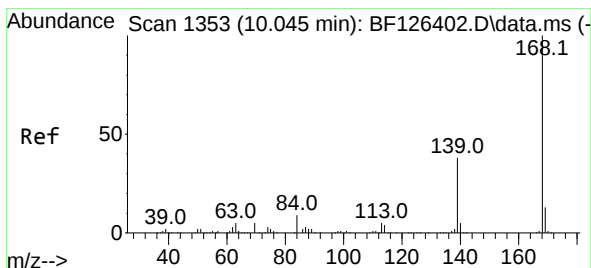
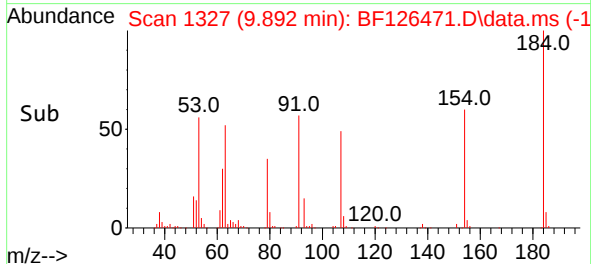
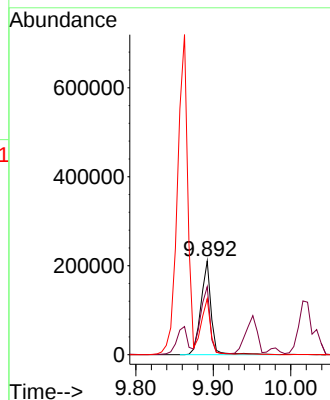
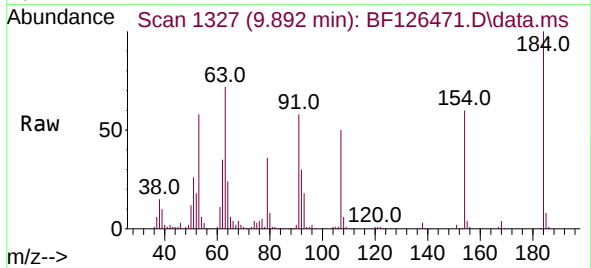




#54
2,4-Dinitrophenol
Concen: 104.059 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

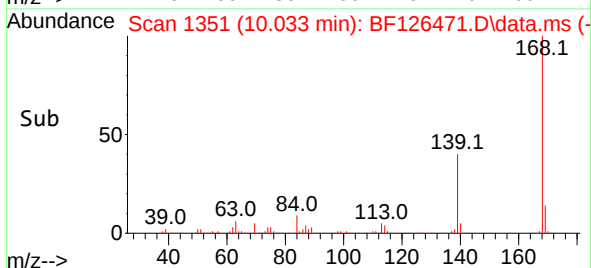
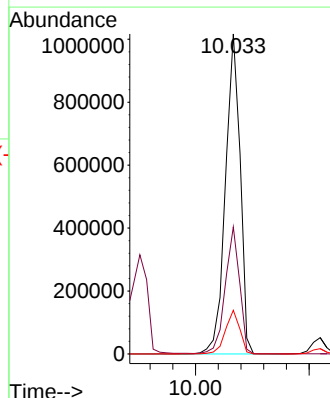
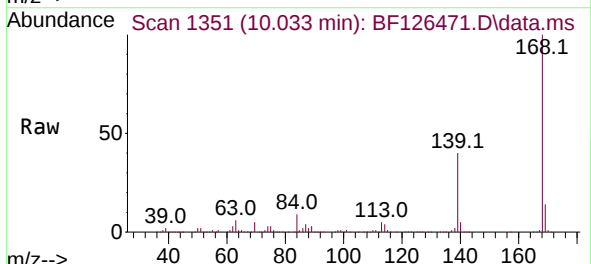
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

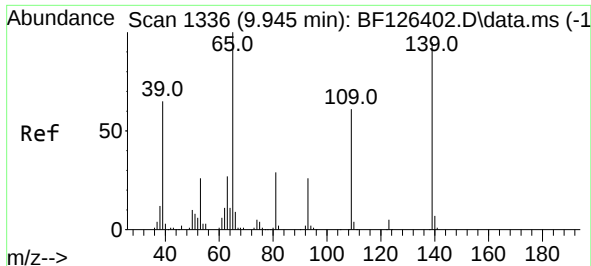
Tgt Ion:184 Resp: 192896
Ion Ratio Lower Upper
184 100
63 72.5 70.4 105.6
154 59.8 49.7 74.5



#55
Dibenzofuran
Concen: 46.294 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:168 Resp: 913789
Ion Ratio Lower Upper
168 100
139 39.7 30.6 46.0
169 13.6 10.0 15.0

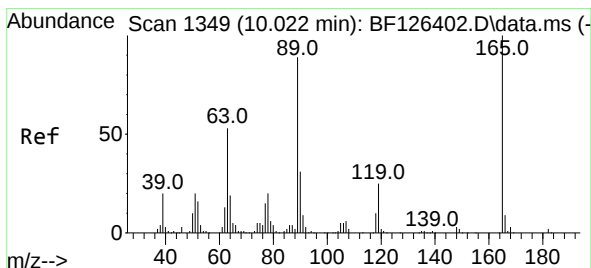
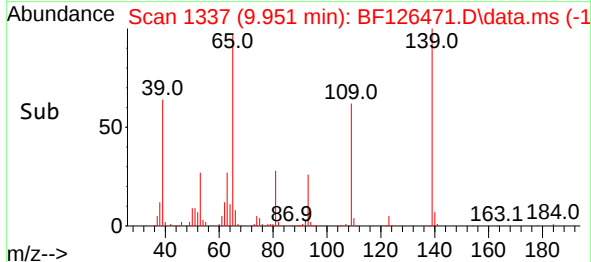
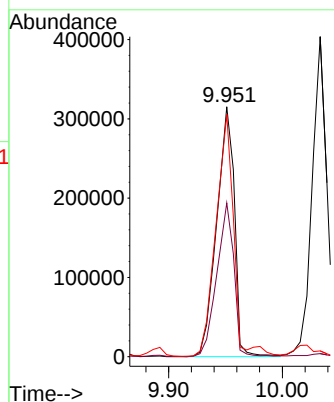
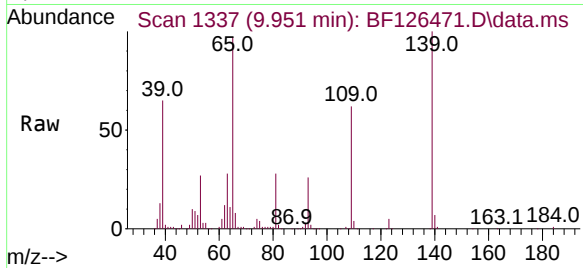




#56
4-Nitrophenol
Concen: 98.424 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.012 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

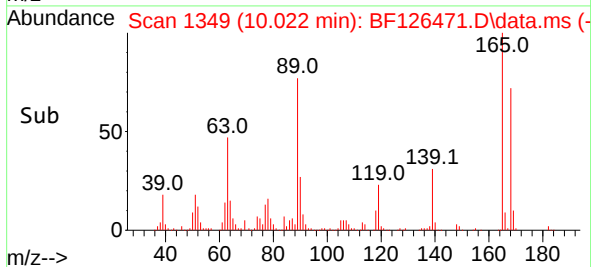
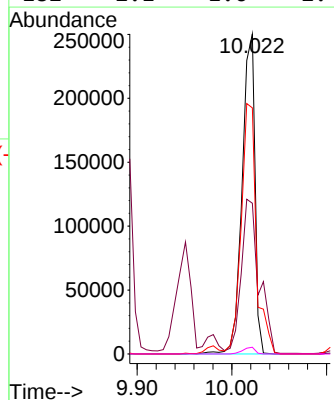
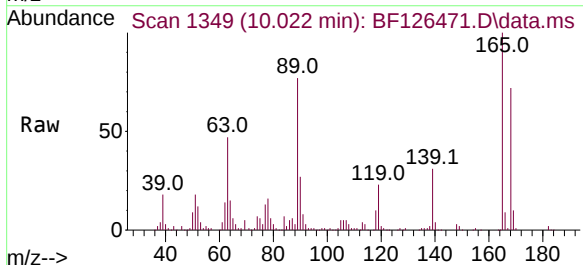
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

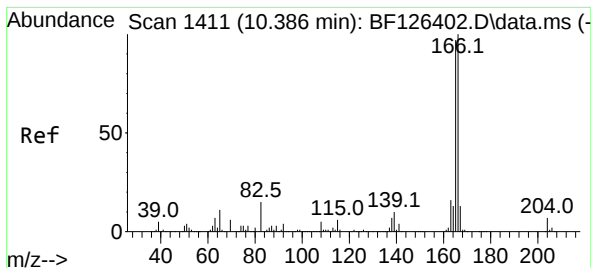
Tgt Ion:139 Resp: 342034
Ion Ratio Lower Upper
139 100
109 61.6 44.1 84.1
65 97.0 85.5 125.5



#57
2,4-Dinitrotoluene
Concen: 51.096 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:165 Resp: 234936
Ion Ratio Lower Upper
165 100
63 47.1 43.0 64.6
89 76.9 71.0 106.4
182 2.1 1.6 2.4





#58

Fluorene

Concen: 46.890 ng

RT: 10.375 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF126471.D

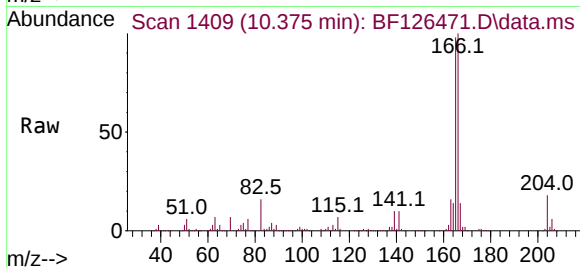
Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD



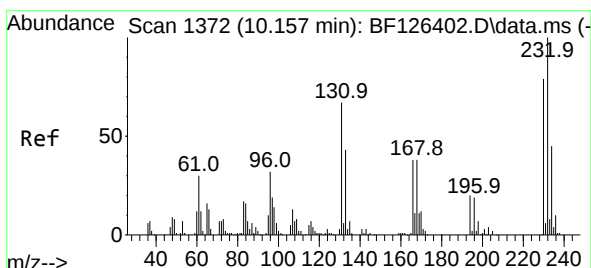
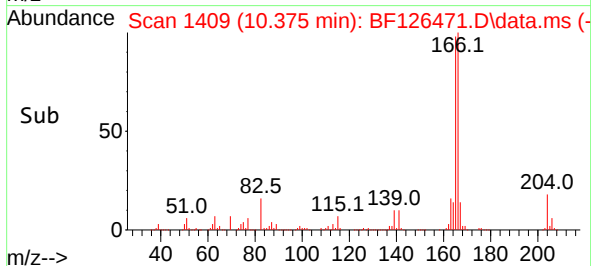
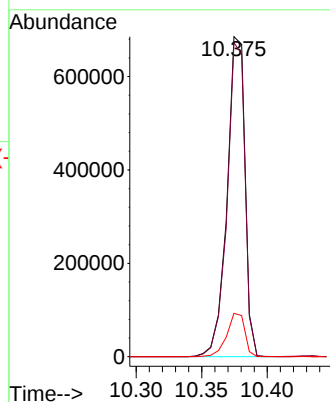
Tgt Ion:166 Resp: 654398

Ion Ratio Lower Upper

166 100

165 98.1 77.7 116.5

167 13.6 10.7 16.1



#59

2,3,4,6-Tetrachlorophenol

Concen: 50.989 ng

RT: 10.151 min Scan# 1371

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Tgt Ion:232 Resp: 167338

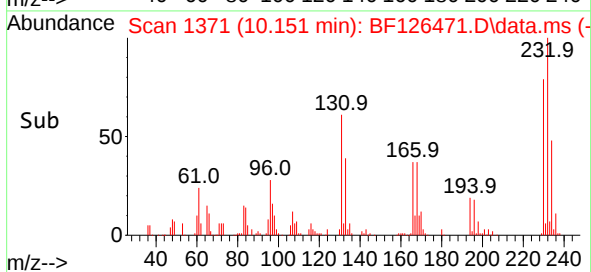
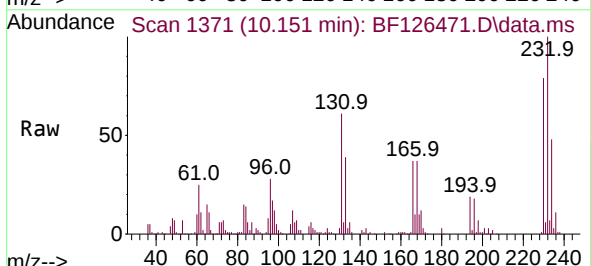
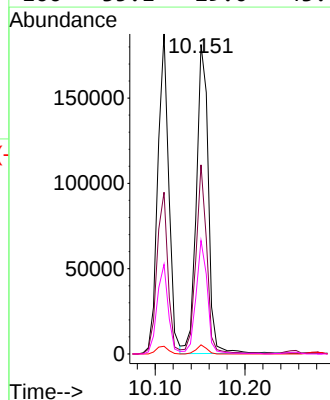
Ion Ratio Lower Upper

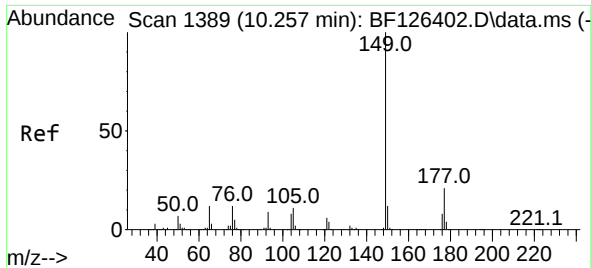
232 100

131 55.1 50.0 75.0

130 2.6 2.2 3.2

166 35.1 29.0 43.4

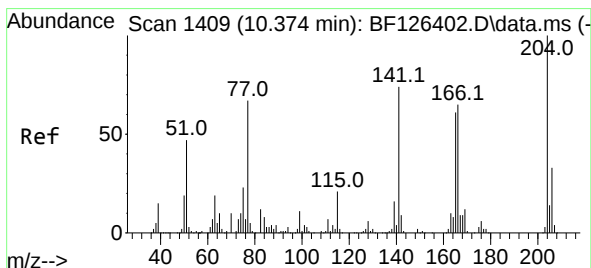
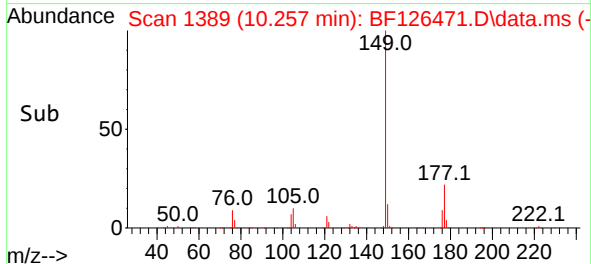
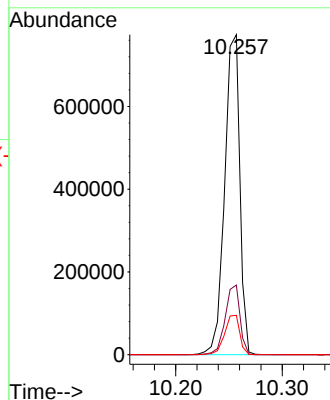
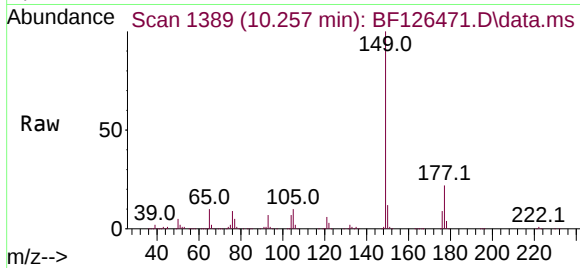




#60
Diethylphthalate
Concen: 47.934 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

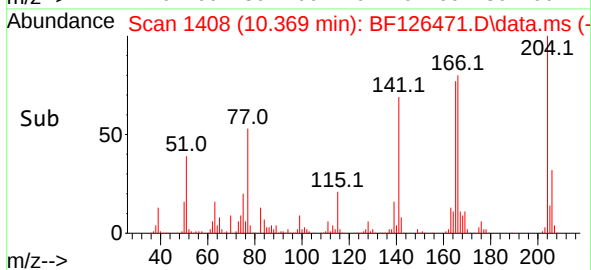
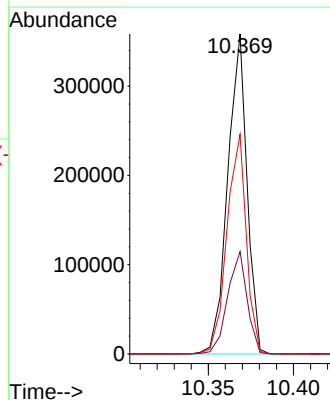
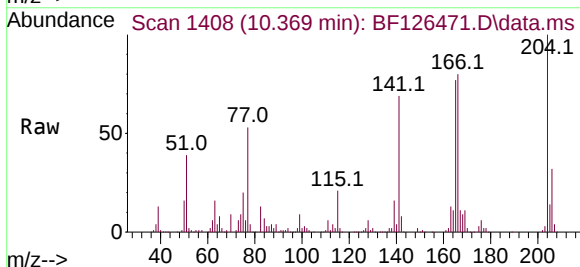
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

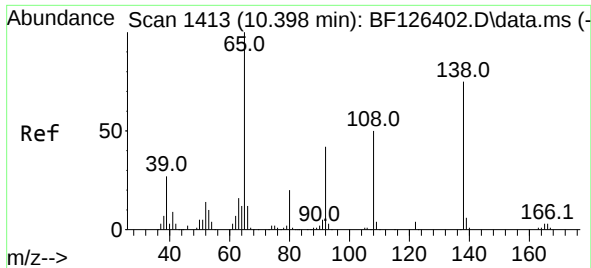
Tgt Ion:149 Resp: 762334
Ion Ratio Lower Upper
149 100
177 21.8 16.7 25.1
150 12.3 9.8 14.8



#61
4-Chlorophenyl-phenylether
Concen: 46.439 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:204 Resp: 282831
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 68.6 59.0 88.6

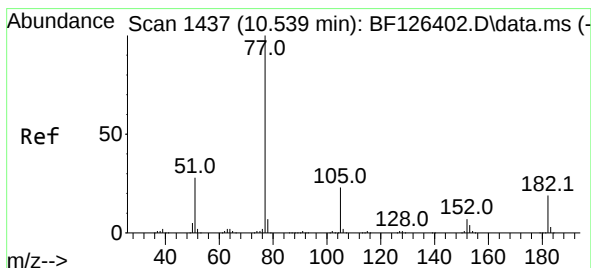
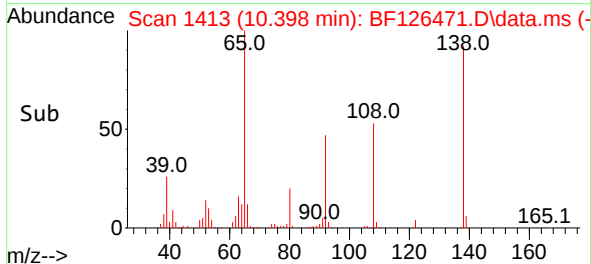
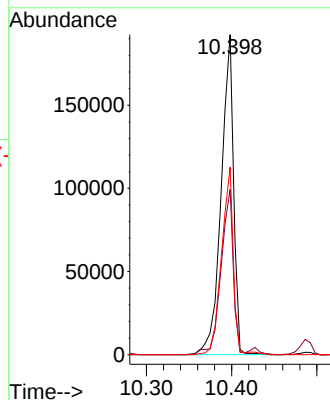
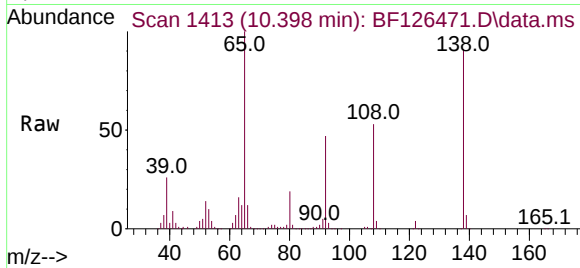




#62
4-Nitroaniline
Concen: 42.340 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

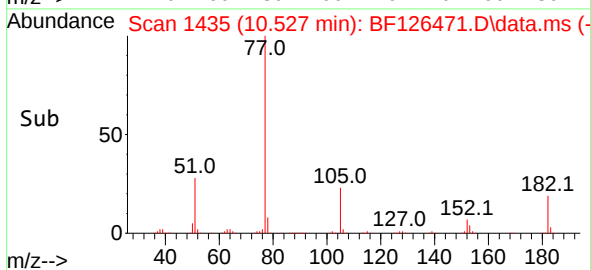
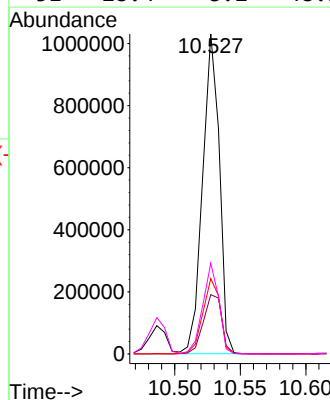
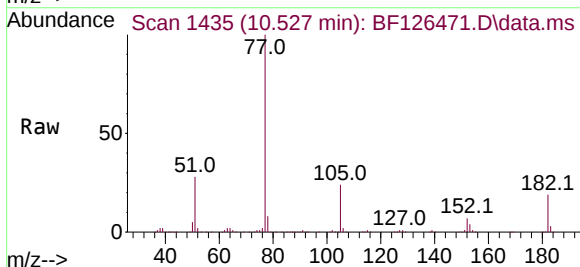
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

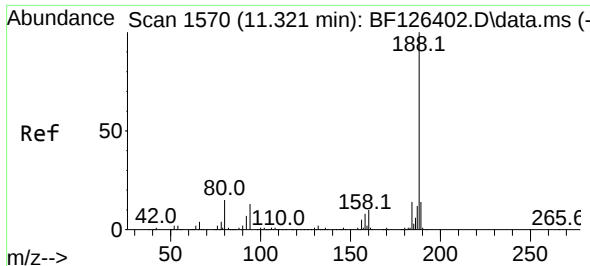
Tgt Ion:138 Resp: 194849
Ion Ratio Lower Upper
138 100
92 51.7 36.2 76.2
108 58.6 46.7 86.7



#63
Azobenzene
Concen: 44.704 ng
RT: 10.527 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion: 77 Resp: 915775
Ion Ratio Lower Upper
77 100
182 18.5 0.0 39.0
105 23.6 3.2 43.2
51 28.4 8.2 48.2

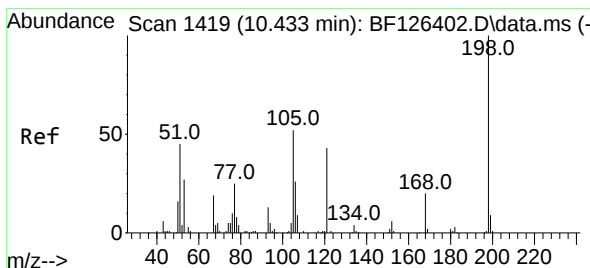
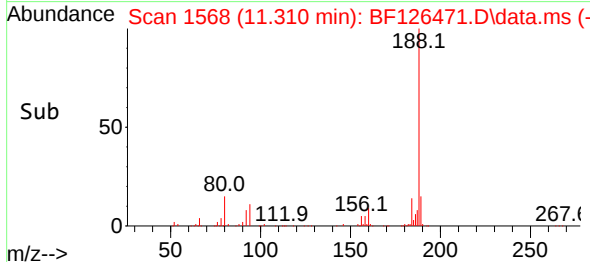
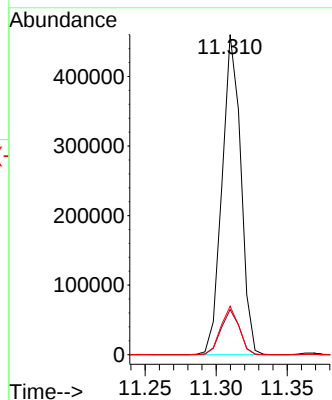
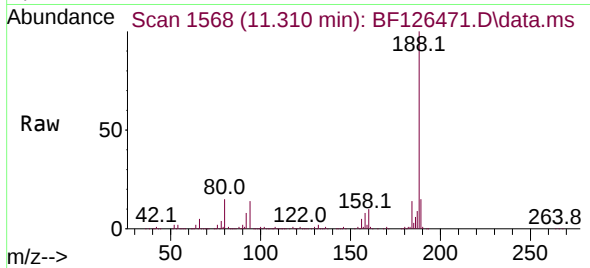




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

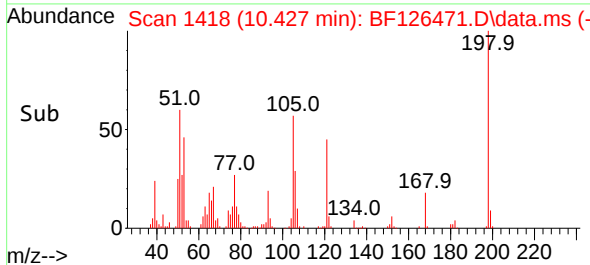
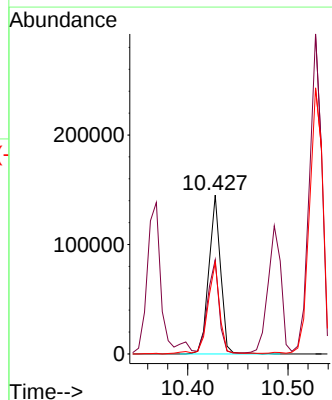
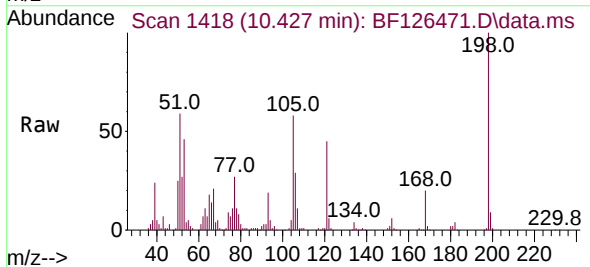
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

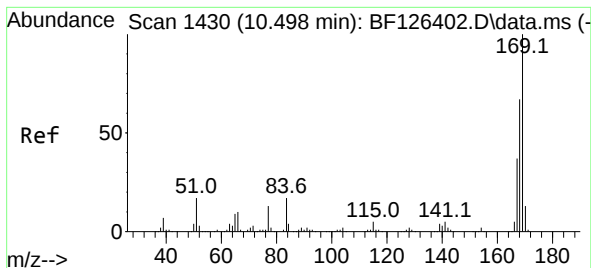
Tgt Ion:188 Resp: 422052
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.1 11.8 17.6



#65
4,6-Dinitro-2-methylphenol
Concen: 51.983 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

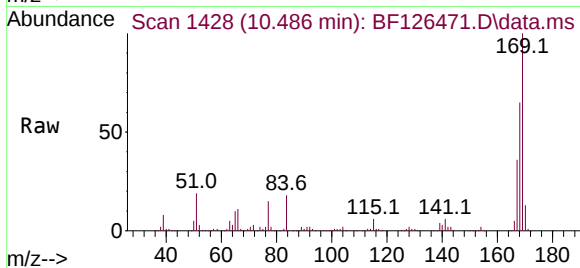
Tgt Ion:198 Resp: 118809
Ion Ratio Lower Upper
198 100
51 59.3 32.0 72.0
105 57.6 32.7 72.7



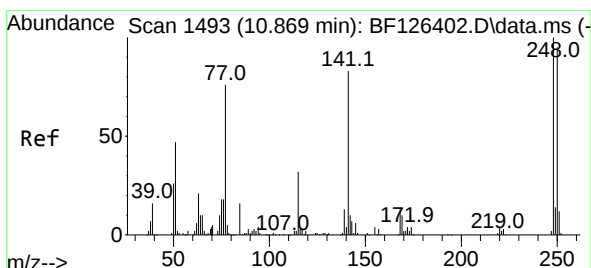
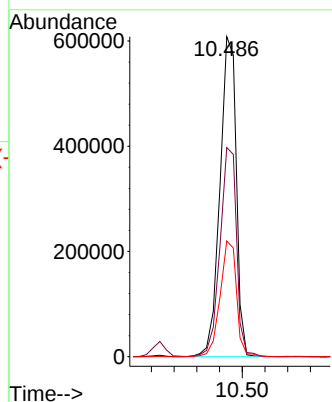
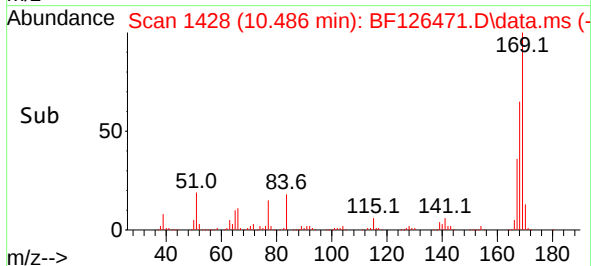


#66
n-Nitrosodiphenylamine
Concen: 46.500 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

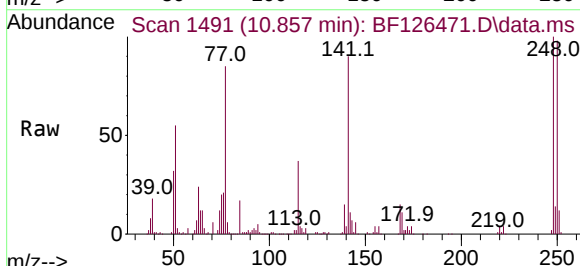
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD



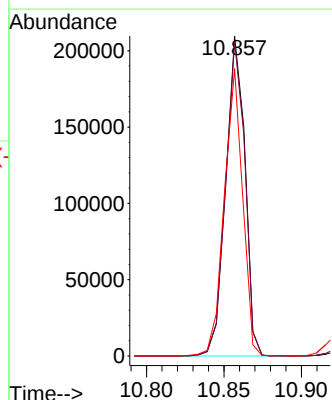
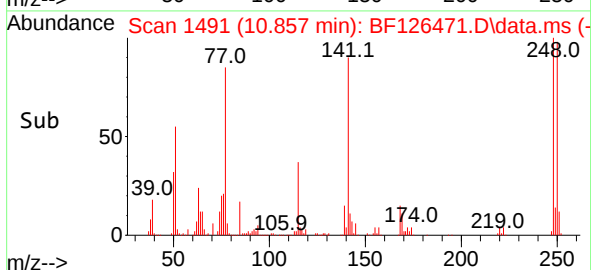
Tgt Ion:169 Resp: 608884
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 36.2 29.4 44.0

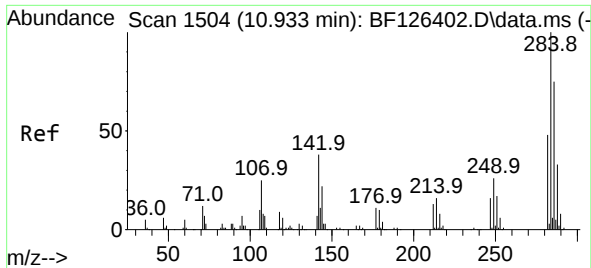


#67
4-Bromophenyl-phenylether
Concen: 48.303 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58



Tgt Ion:248 Resp: 180950
Ion Ratio Lower Upper
248 100
250 98.2 76.2 114.4
141 89.8 66.2 99.4

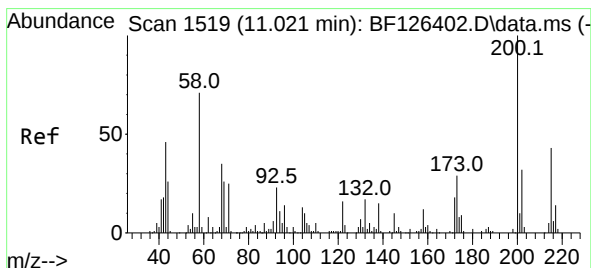
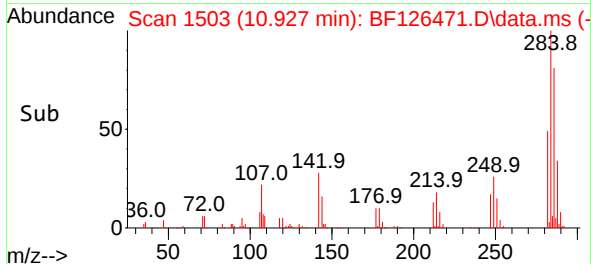
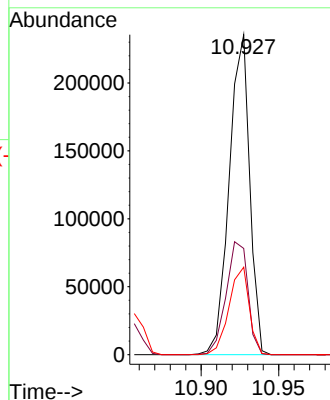
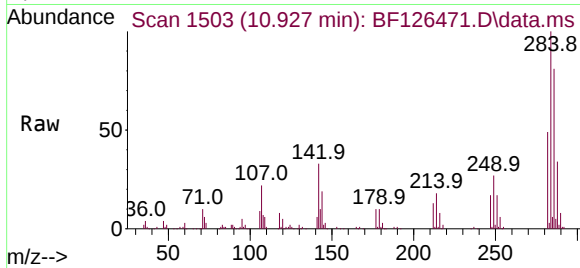




#68
Hexachlorobenzene
Concen: 49.619 ng
RT: 10.927 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

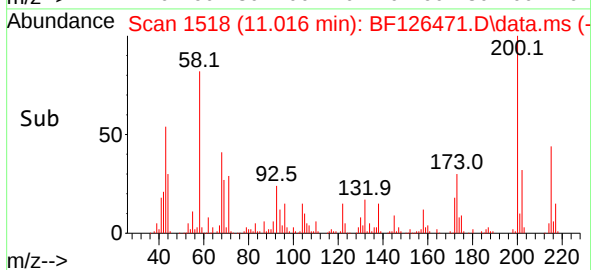
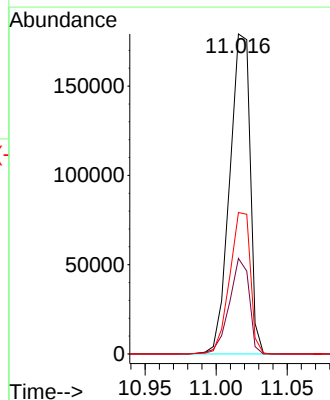
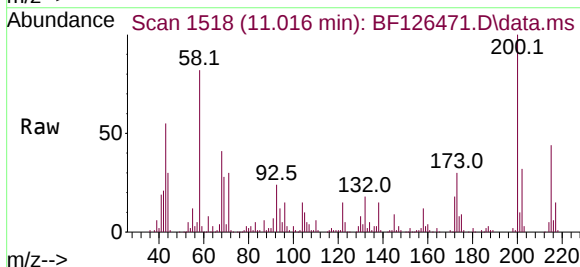
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

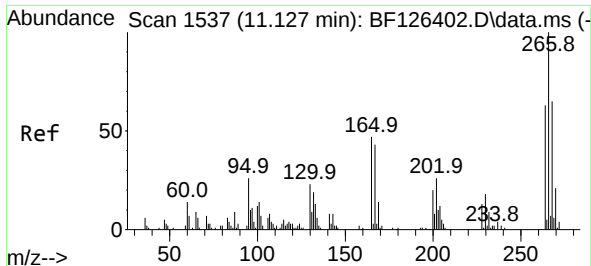
Tgt Ion:284 Resp: 216214
Ion Ratio Lower Upper
284 100
142 33.2 30.7 46.1
249 27.3 21.1 31.7



#69
Atrazine
Concen: 79.546 ng
RT: 11.016 min Scan# 1518
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:200 Resp: 179355
Ion Ratio Lower Upper
200 100
173 29.8 9.2 49.2
215 44.2 23.2 63.2

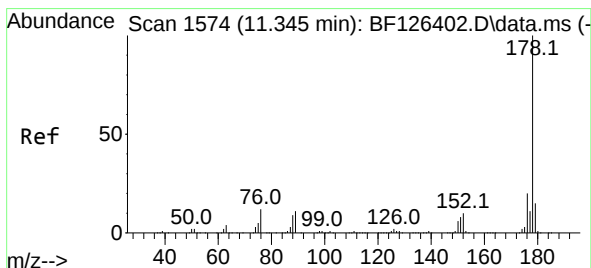
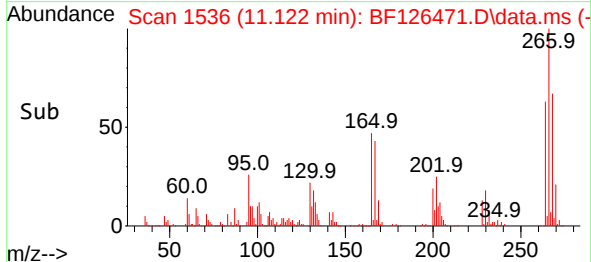
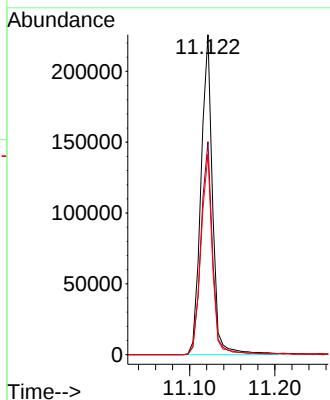
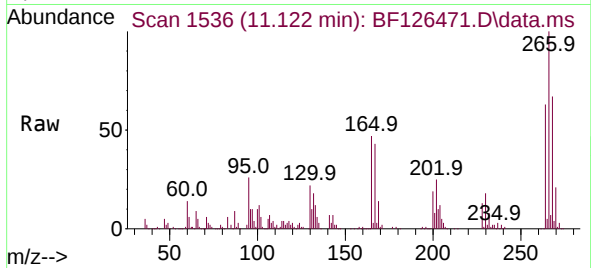




#70
 Pentachlorophenol
 Concen: 100.857 ng
 RT: 11.122 min Scan# 1536
 Delta R.T. 0.006 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

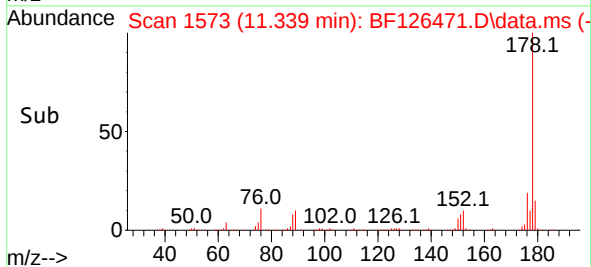
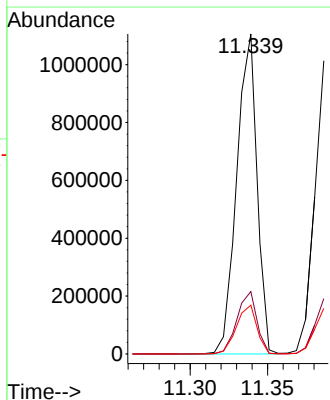
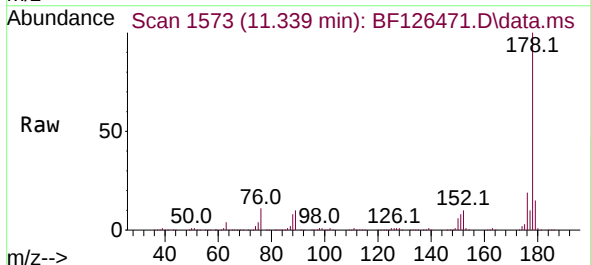
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD

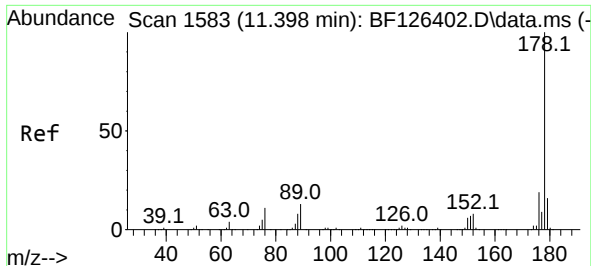
Tgt Ion:266 Resp: 213601
 Ion Ratio Lower Upper
 266 100
 268 66.6 52.3 78.5
 264 62.8 50.4 75.6



#71
 Phenanthrene
 Concen: 46.718 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. 0.006 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

Tgt Ion:178 Resp: 1008046
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.7 23.5
 179 15.2 12.3 18.5

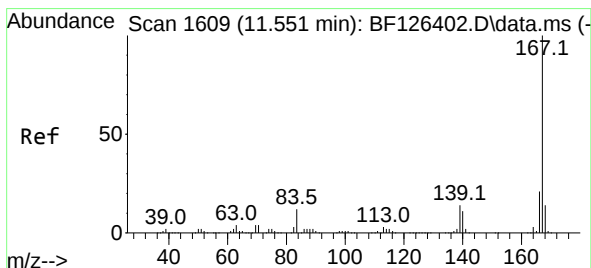
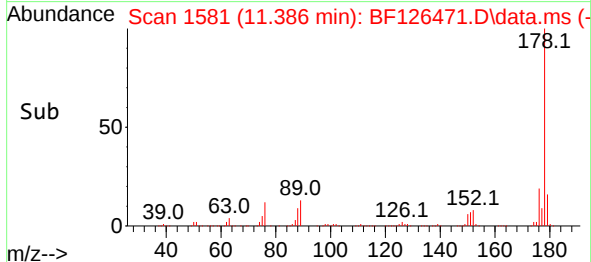
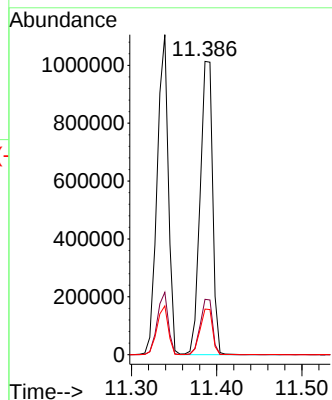
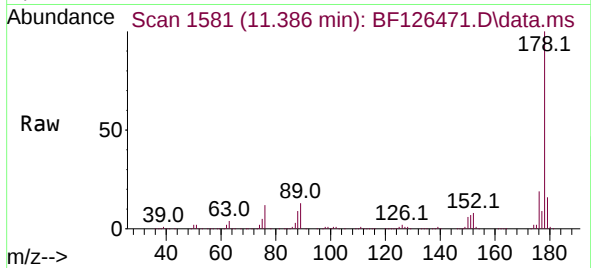




#72
 Anthracene
 Concen: 47.717 ng
 RT: 11.386 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

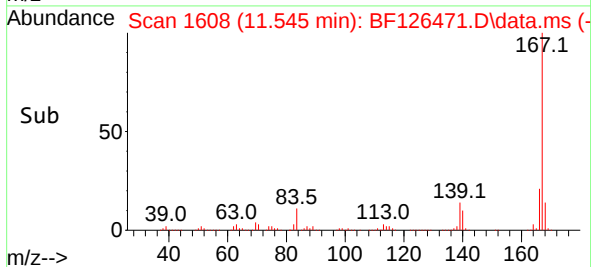
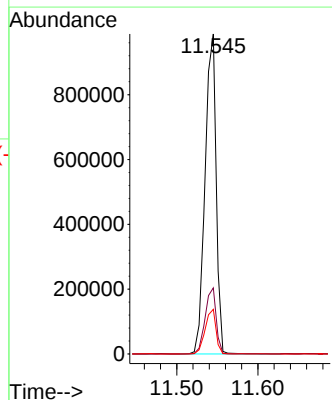
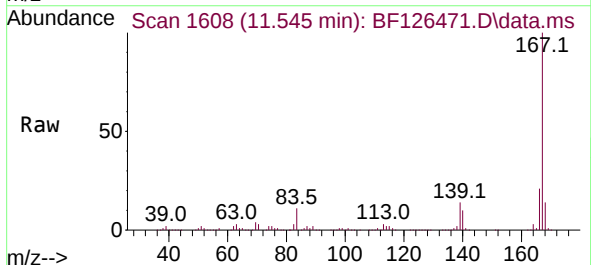
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD

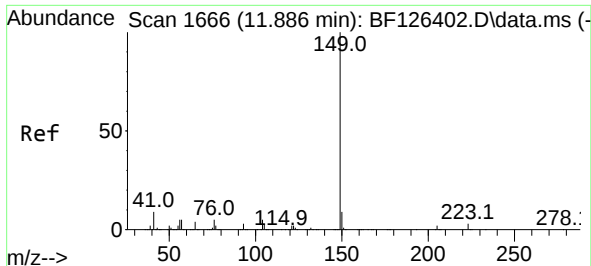
Tgt Ion:178 Resp: 1030238
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.0 22.6
 179 15.5 12.5 18.7



#73
 Carbazole
 Concen: 44.315 ng
 RT: 11.545 min Scan# 1608
 Delta R.T. 0.006 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

Tgt Ion:167 Resp: 936900
 Ion Ratio Lower Upper
 167 100
 166 20.6 16.9 25.3
 139 13.9 11.3 16.9

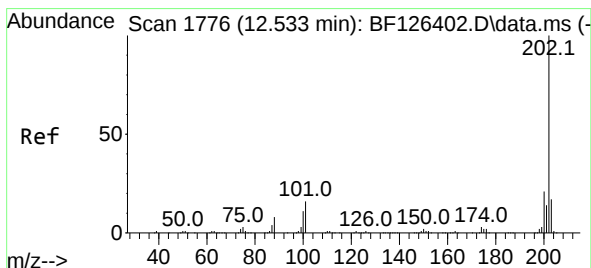
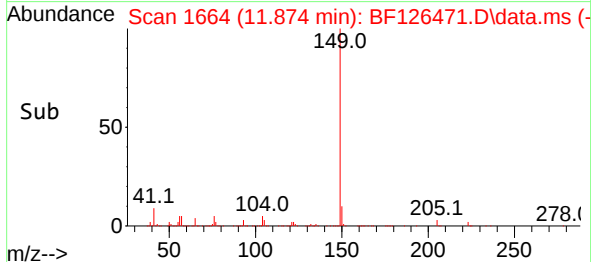
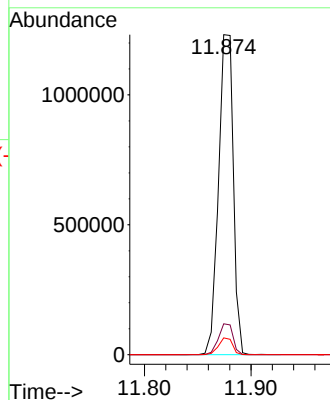
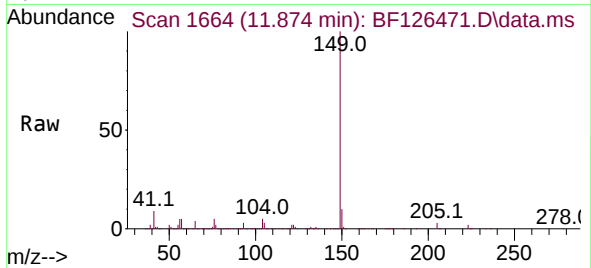




#74
Di-n-butylphthalate
Concen: 49.247 ng
RT: 11.874 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

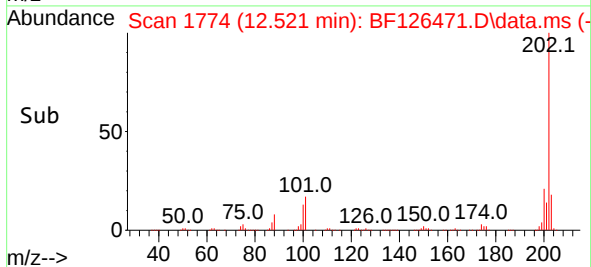
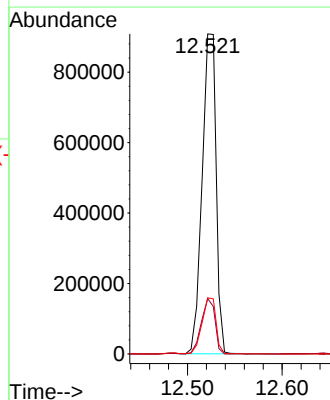
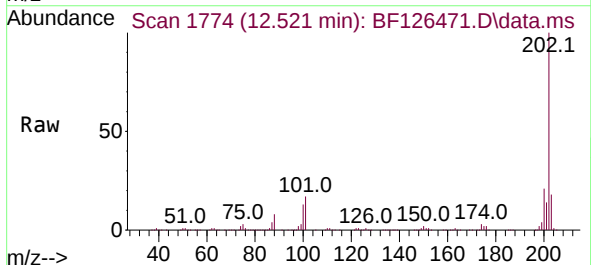
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

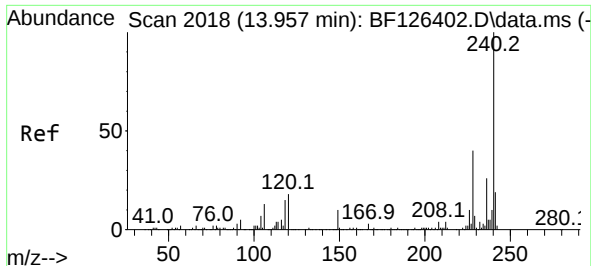
Tgt Ion:149 Resp: 1185377
Ion Ratio Lower Upper
149 100
150 9.6 7.2 10.8
104 5.3 4.2 6.2



#75
Fluoranthene
Concen: 47.444 ng
RT: 12.521 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:202 Resp: 934343
Ion Ratio Lower Upper
202 100
101 17.3 0.0 35.7
203 17.5 0.0 37.1

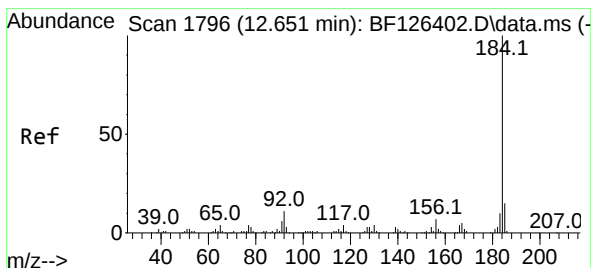
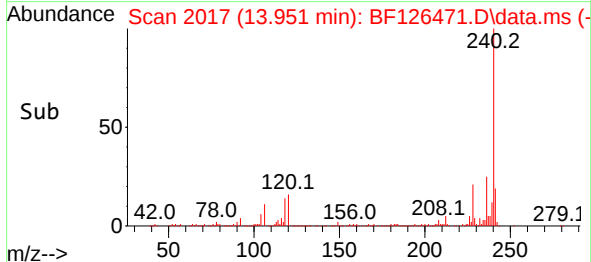
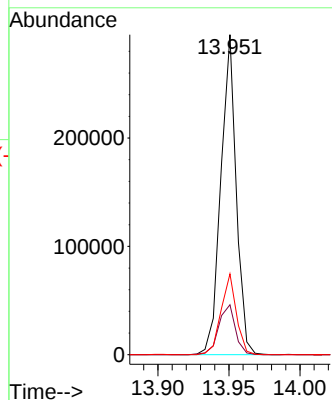
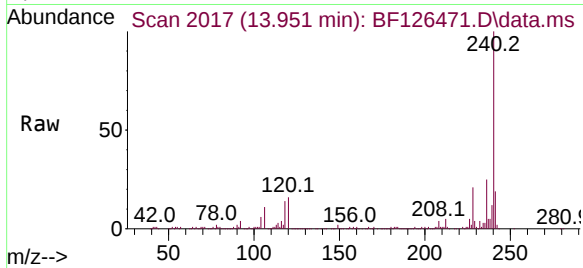




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

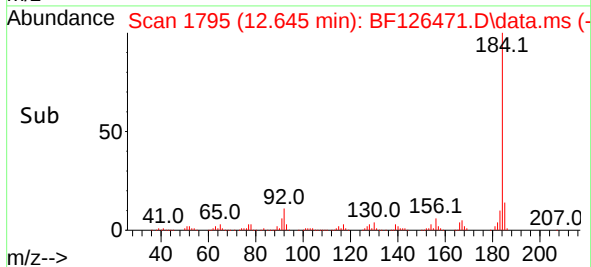
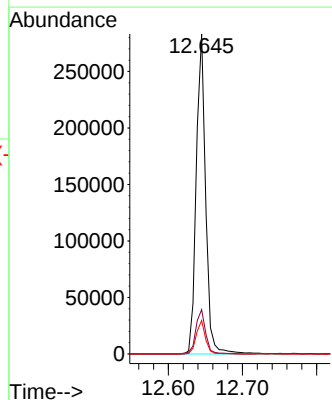
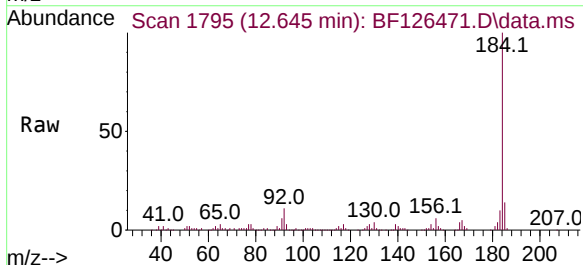
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

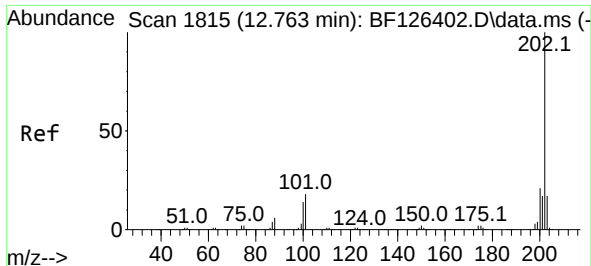
Tgt Ion:240 Resp: 222263
Ion Ratio Lower Upper
240 100
120 15.6 14.4 21.6
236 25.2 20.5 30.7



#77
Benzidine
Concen: 69.472 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:184 Resp: 249403
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 10.5 8.2 12.2

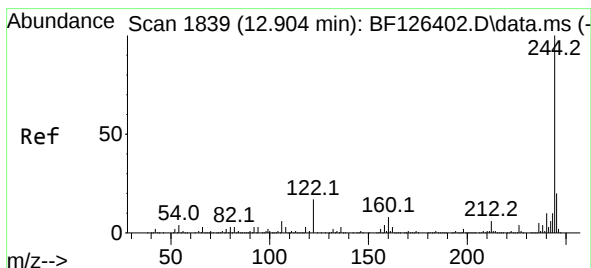
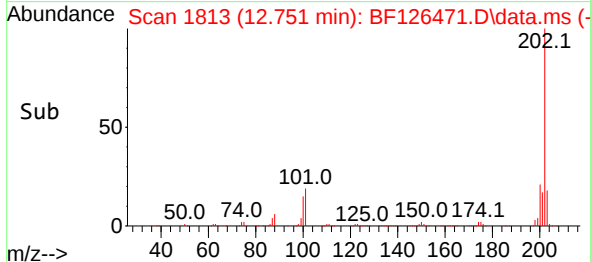
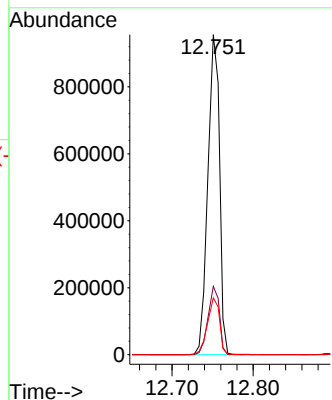
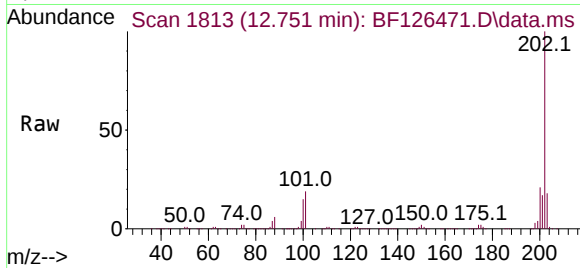




#78
Pyrene
Concen: 50.611 ng
RT: 12.751 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

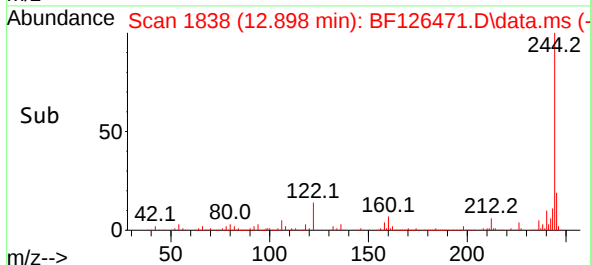
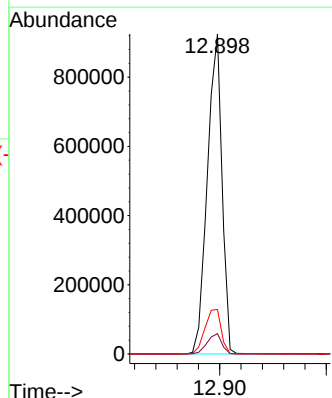
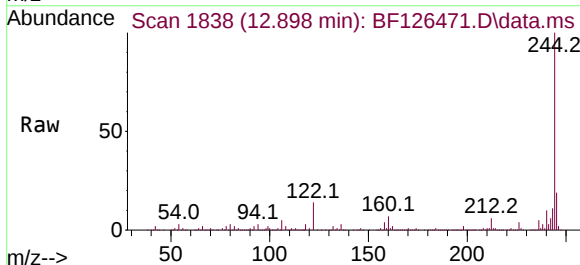
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

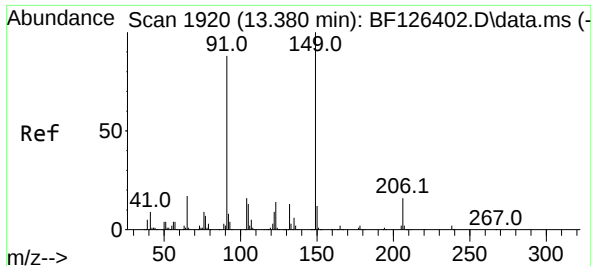
Tgt Ion:202 Resp: 950639
Ion Ratio Lower Upper
202 100
200 21.4 16.6 24.8
203 17.7 13.8 20.8



#79
Terphenyl-d14
Concen: 77.362 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:244 Resp: 884983
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 13.9 13.3 19.9

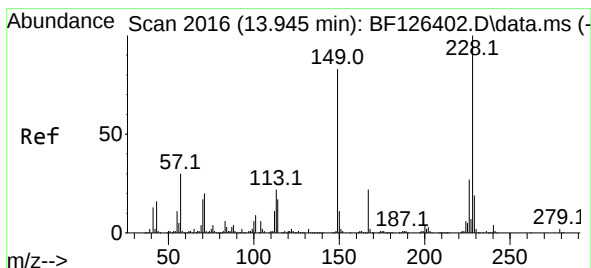
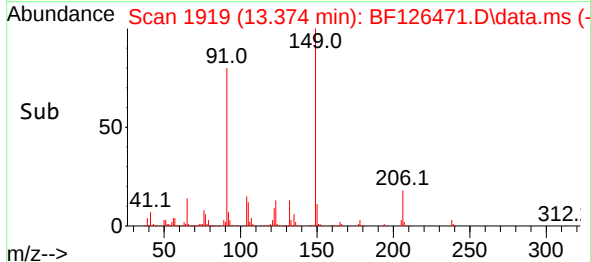
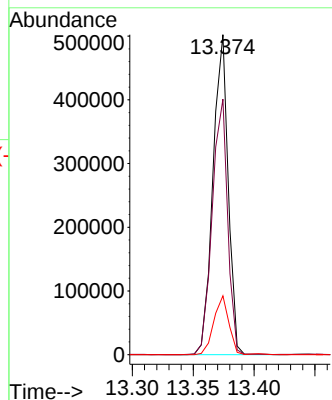
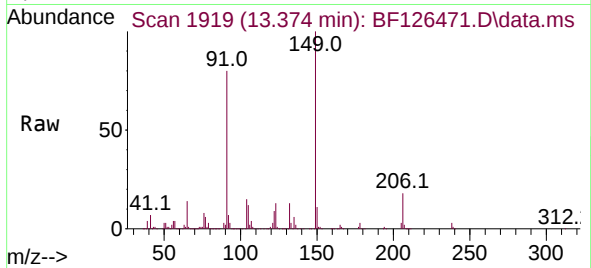




#80
Butylbenzylphthalate
Concen: 52.586 ng
RT: 13.374 min Scan# 1920
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

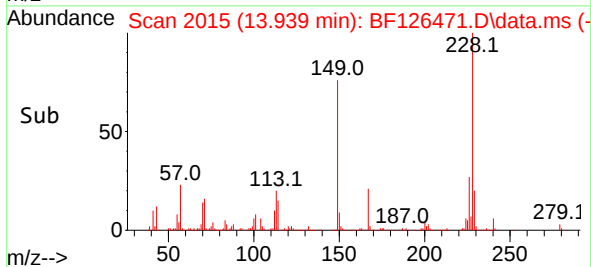
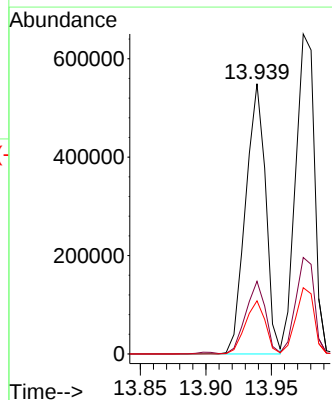
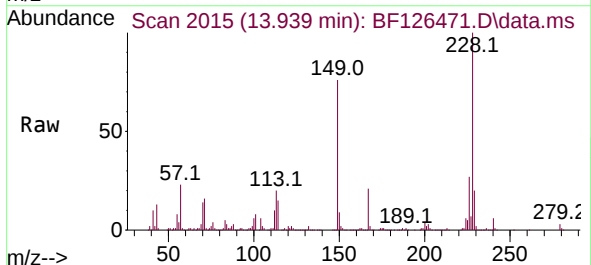
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

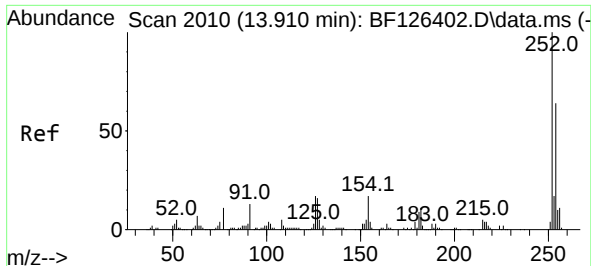
Tgt Ion:149 Resp: 437684
Ion Ratio Lower Upper
149 100
91 79.8 70.5 105.7
206 18.4 12.6 19.0



#81
Benzo(a)anthracene
Concen: 45.696 ng
RT: 13.939 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:228 Resp: 584088
Ion Ratio Lower Upper
228 100
226 26.9 21.4 32.0
229 19.6 15.4 23.2

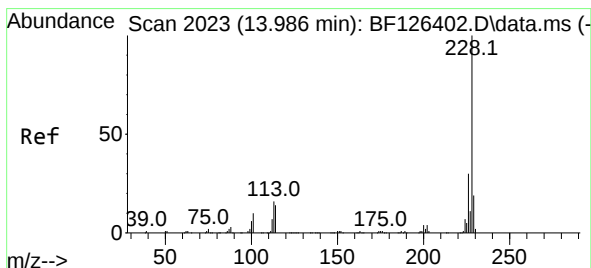
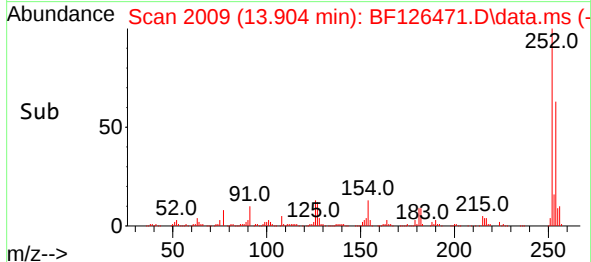
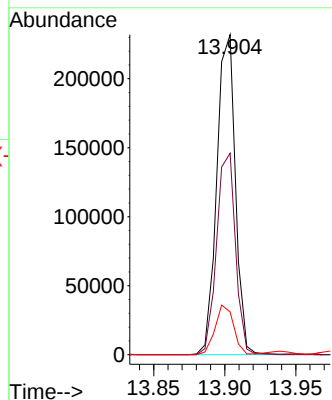
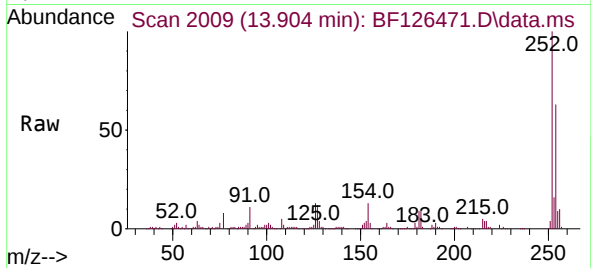




#82
 3,3'-Dichlorobenzidine
 Concen: 35.397 ng
 RT: 13.904 min Scan# 2010
 Delta R.T. 0.000 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

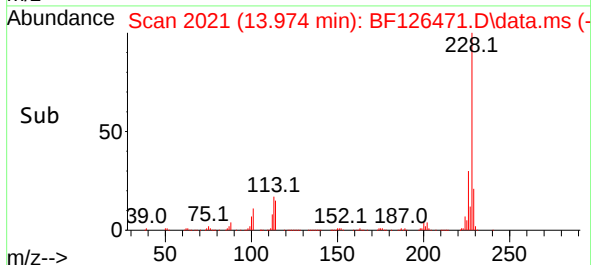
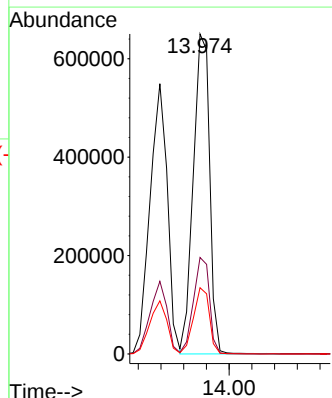
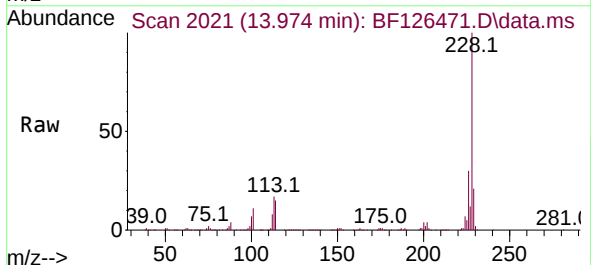
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD

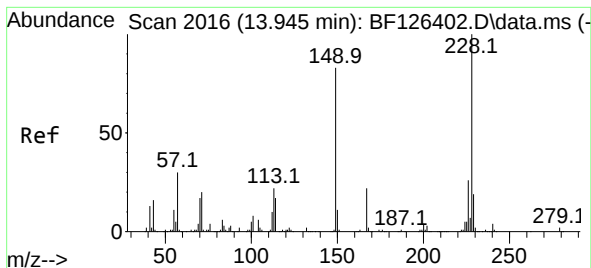
Tgt Ion:252 Resp: 211084
 Ion Ratio Lower Upper
 252 100
 254 62.9 51.0 76.4
 126 13.3 13.4 20.0#



#83
 Chrysene
 Concen: 49.619 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.000 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

Tgt Ion:228 Resp: 650569
 Ion Ratio Lower Upper
 228 100
 226 30.2 23.7 35.5
 229 20.7 15.5 23.3

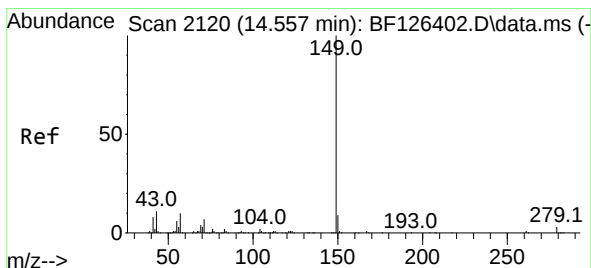
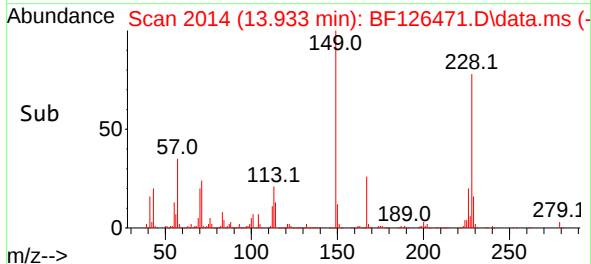
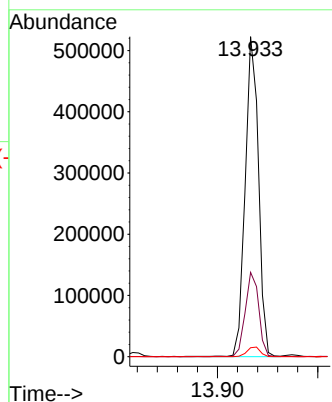
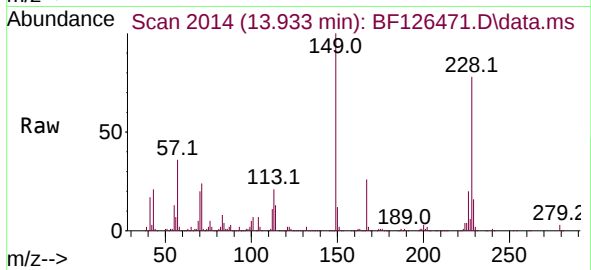




#84
Bis(2-ethylhexyl)phthalate
Concen: 56.005 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

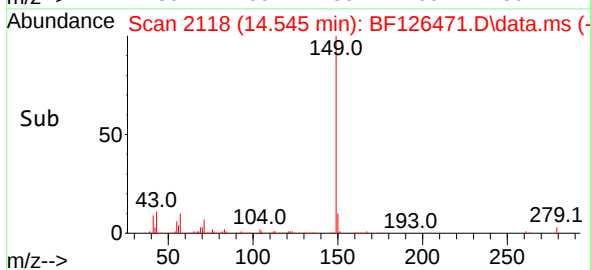
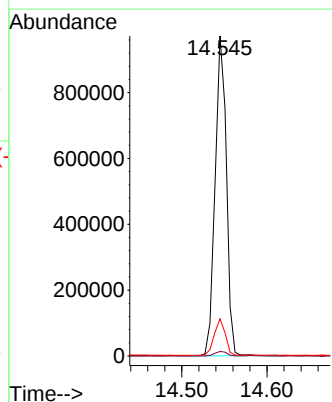
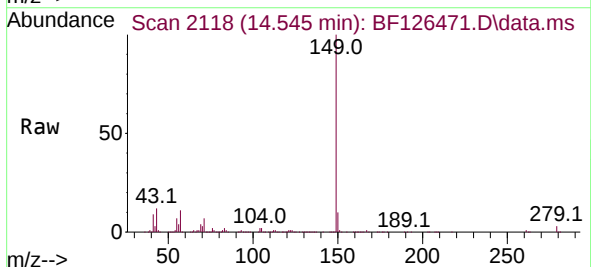
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

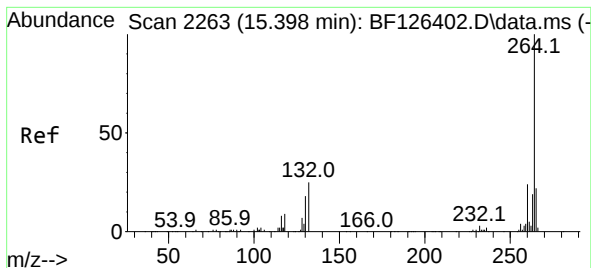
Tgt Ion:149 Resp: 483083
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.2
279 2.8 2.4 3.6



#85
Di-n-octyl phthalate
Concen: 59.754 ng
RT: 14.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:149 Resp: 893888
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 11.0 9.9 14.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

Instrument :

BNA_F

ClientSampleId :

DB-19-(40-45)-12-22-21MSD

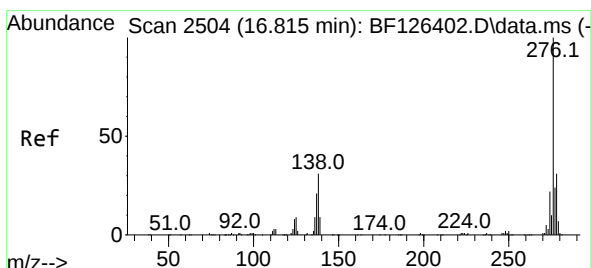
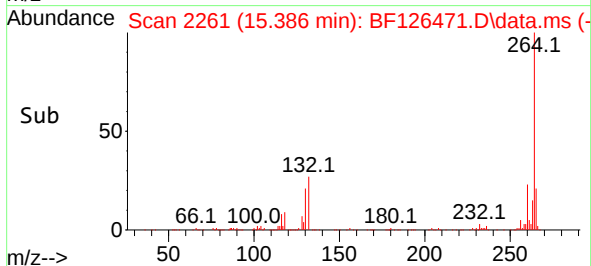
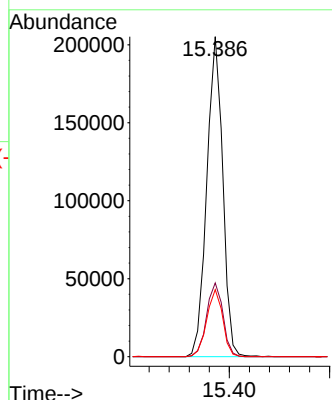
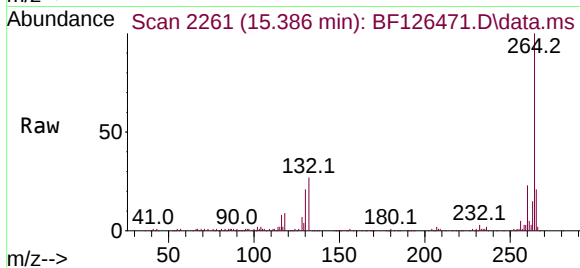
Tgt Ion:264 Resp: 226515

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 17.4 26.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 50.666 ng

RT: 16.809 min Scan# 2503

Delta R.T. 0.000 min

Lab File: BF126471.D

Acq: 4 Jan 2022 16:58

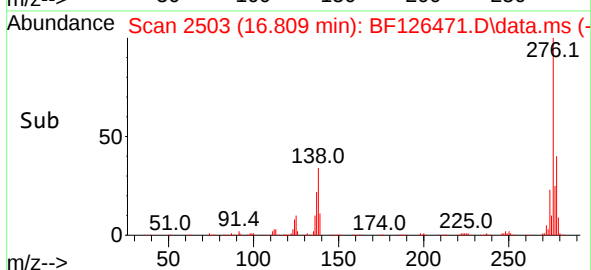
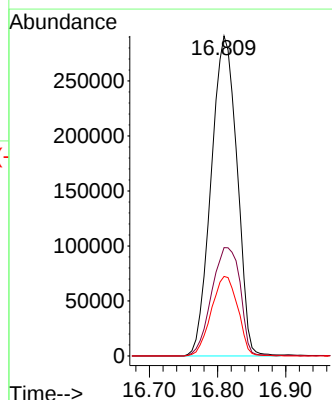
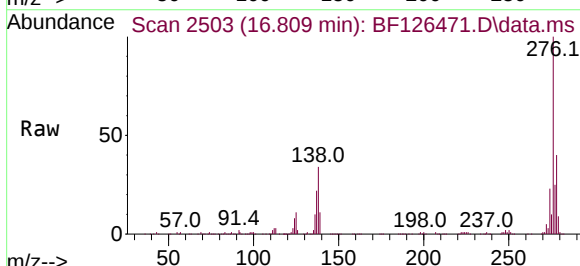
Tgt Ion:276 Resp: 768061

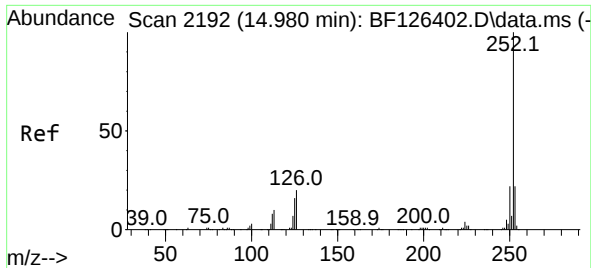
Ion Ratio Lower Upper

276 100

138 37.4 29.2 43.8

277 25.4 19.8 29.8

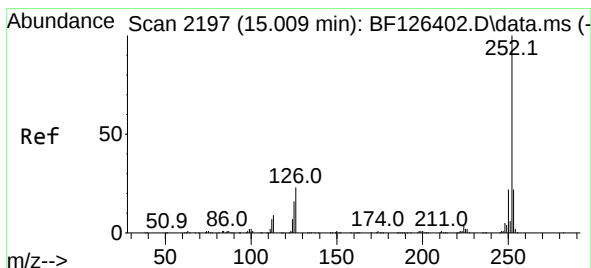
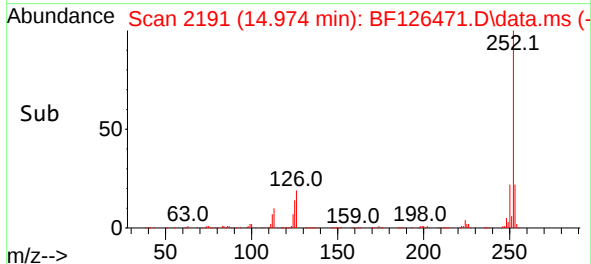
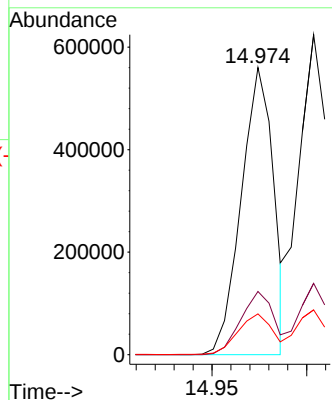
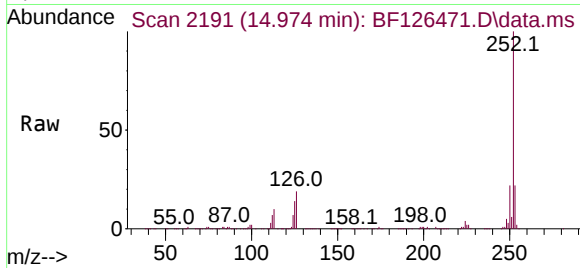




#88
Benzo(b)fluoranthene
Concen: 49.386 ng
RT: 14.974 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

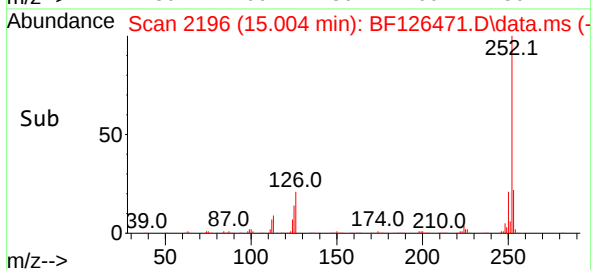
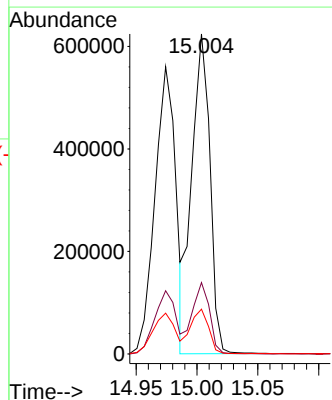
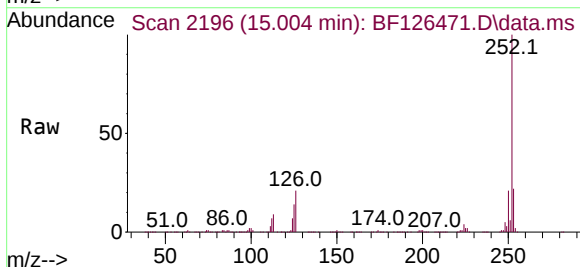
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

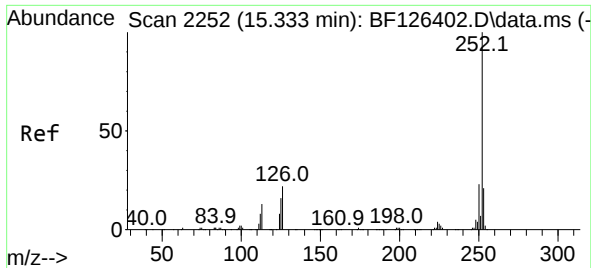
Tgt Ion:252 Resp: 666411
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 14.2 12.4 18.6



#89
Benzo(k)fluoranthene
Concen: 49.494 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

Tgt Ion:252 Resp: 646972
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 14.0 11.8 17.6

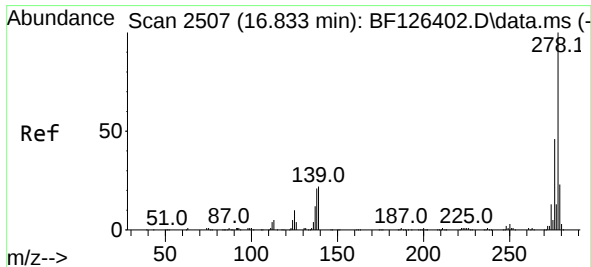
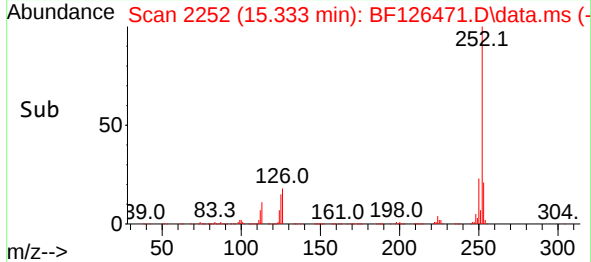
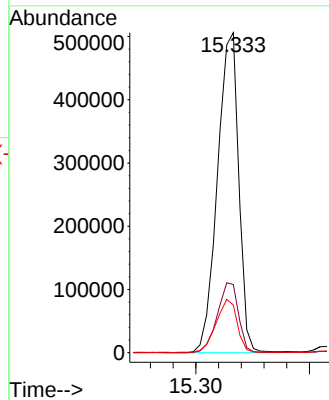
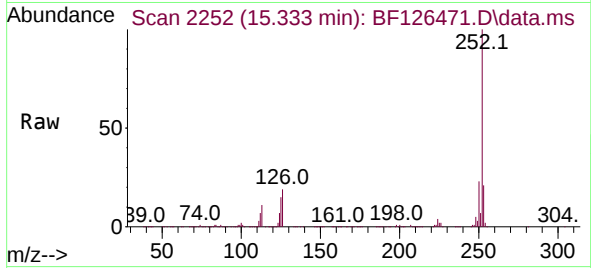




#90
Benzo(a)pyrene
Concen: 58.225 ng
RT: 15.333 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

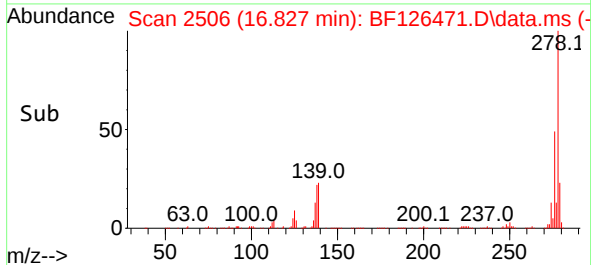
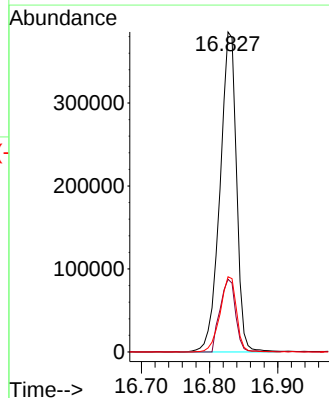
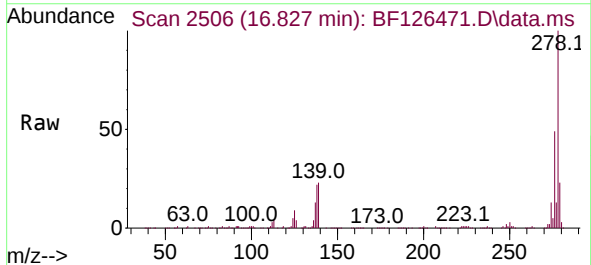
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MSD

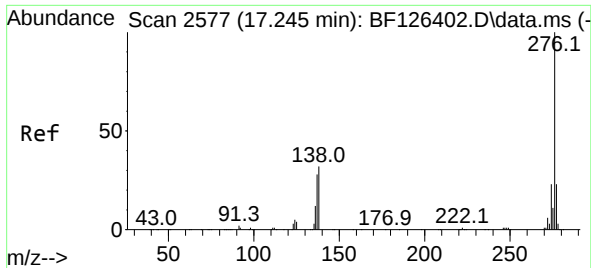
Tgt Ion:252 Resp: 658778
Ion Ratio Lower Upper
252 100
253 21.3 17.1 25.7
125 14.9 13.0 19.6



#91
Dibenzo(a,h)anthracene
Concen: 53.157 ng
RT: 16.827 min Scan# 2506
Delta R.T. 0.006 min
Lab File: BF126471.D
Acq: 4 Jan 2022 16:58

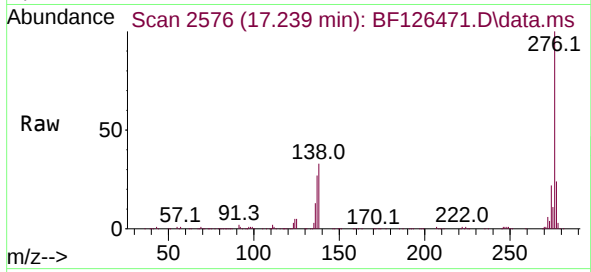
Tgt Ion:278 Resp: 650246
Ion Ratio Lower Upper
278 100
139 22.7 18.0 27.0
279 23.5 18.6 27.8





#92
 Benzo(g,h,i)perylene
 Concen: 53.820 ng
 RT: 17.239 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF126471.D
 Acq: 4 Jan 2022 16:58

Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MSD



Tgt Ion:276 Resp: 701037
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.5 27.7
 138 33.1 25.9 38.9

