

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126470.D
 Acq On : 4 Jan 2022 16:27
 Operator : JU/CG
 Sample : M5223-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jan 05 01:59:14 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	125870	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	516257	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	222739	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	314106	20.000	ng	0.00
76) Chrysene-d12	13.951	240	178680	20.000	ng	0.00
86) Perylene-d12	15.386	264	218361	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	956164	109.089	ng	0.02
7) Phenol-d6	6.428	99	1187274	104.583	ng	0.00
23) Nitrobenzene-d5	7.351	82	777321	77.311	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	194496	113.000	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1001763	79.143	ng	0.00
79) Terphenyl-d14	12.892	244	664850	72.295	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	202050	45.969	ng	99
3) Pyridine	3.316	79	450127	37.966	ng	99
4) n-Nitrosodimethylamine	3.240	42	214939	44.095	ng	94
6) Aniline	6.587	93	332527	23.556	ng	94
8) 2-Chlorophenol	6.575	128	434916	49.756	ng	94
9) Benzaldehyde	6.334	77	300112	42.704	ng	96
10) Phenol	6.440	94	562841	44.427	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	666780	68.928	ng	90
12) 1,3-Dichlorobenzene	6.728	146	427114	48.898	ng	98
13) 1,4-Dichlorobenzene	6.804	146	433237	49.690	ng	99
14) 1,2-Dichlorobenzene	6.957	146	419279	49.354	ng	96
15) Benzyl Alcohol	6.934	79	376064	47.346	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	727188	47.864	ng	97
17) 2-Methylphenol	7.045	107	350853	45.631	ng	98
18) Hexachloroethane	7.298	117	171264	49.302	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	282087	43.545	ng	98
20) 3+4-Methylphenols	7.198	107	384885	42.046	ng	90
22) Acetophenone	7.192	105	568489	47.632	ng	# 99
24) Nitrobenzene	7.369	77	469978	46.712	ng	96
25) Isophorone	7.610	82	833890	46.330	ng	99
26) 2-Nitrophenol	7.687	139	229868	51.537	ng	96
27) 2,4-Dimethylphenol	7.728	122	348098	49.912	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	545185	46.367	ng	98
29) 2,4-Dichlorophenol	7.934	162	309420	48.589	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	328904	49.557	ng	99
31) Naphthalene	8.092	128	1182460	48.526	ng	100
32) Benzoic acid	7.857	122	293336	56.507	ng	97
33) 4-Chloroaniline	8.169	127	342994	33.600	ng	96
34) Hexachlorobutadiene	8.210	225	161049	49.925	ng	98
35) Caprolactam	8.510	113	72046	44.472	ng	91
36) 4-Chloro-3-methylphenol	8.628	107	339507	43.685	ng	97
37) 2-Methylnaphthalene	8.781	142	732841	50.982	ng	99
38) 1-Methylnaphthalene	8.881	142	678653	48.832	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	248992	51.444	ng	99
41) Hexachlorocyclopentadiene	8.939	237	273045	138.559	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	181447	50.691	ng	97

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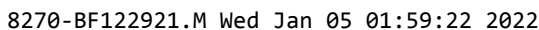
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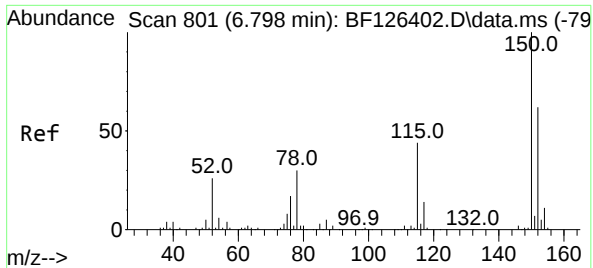
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	187224	48.593	ng	97
46) 1,1'-Biphenyl	9.245	154	824291	50.457	ng	98
47) 2-Chloronaphthalene	9.275	162	615427	49.736	ng	99
48) 2-Nitroaniline	9.369	65	210219	42.072	ng	89
49) Acenaphthylene	9.686	152	928019	49.450	ng	99
50) Dimethylphthalate	9.551	163	644728	46.366	ng	99
51) 2,6-Dinitrotoluene	9.610	165	147029	48.961	ng	98
52) Acenaphthene	9.863	154	566117	46.013	ng	99
53) 3-Nitroaniline	9.781	138	151599	36.819	ng	86
54) 2,4-Dinitrophenol	9.886	184	142636	91.806	ng	92
55) Dibenzofuran	10.033	168	776249	46.671	ng	99
56) 4-Nitrophenol	9.945	139	255385	87.214	ng	95
57) 2,4-Dinitrotoluene	10.016	165	184254	47.557	ng	90
58) Fluorene	10.375	166	536606	45.630	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	132207	47.807	ng	94
60) Diethylphthalate	10.251	149	610055	45.523	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	238681	46.509	ng	94
62) 4-Nitroaniline	10.392	138	145817	37.603	ng	91
63) Azobenzene	10.528	77	741534	42.959	ng	98
65) 4,6-Dinitro-2-methylph...	10.422	198	86551	50.883	ng	90
66) n-Nitrosodiphenylamine	10.486	169	492873	50.576	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	147847	53.030	ng	98
68) Hexachlorobenzene	10.922	284	172064	53.057	ng	98
69) Atrazine	11.016	200	132717	79.090	ng	95
70) Pentachlorophenol	11.116	266	160912	102.089	ng	99
71) Phenanthrene	11.333	178	796118	49.576	ng	99
72) Anthracene	11.386	178	810779	50.458	ng	99
73) Carbazole	11.539	167	702663	44.657	ng	99
74) Di-n-butylphthalate	11.875	149	907485	50.659	ng	100
75) Fluoranthene	12.522	202	707865	48.297	ng	99
77) Benzidine	12.645	184	205563	71.355	ng	99
78) Pyrene	12.751	202	706798	46.807	ng	99
80) Butylbenzylphthalate	13.374	149	326567	48.806	ng	87
81) Benzo(a)anthracene	13.939	228	490638	47.747	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	176540	36.826	ng	99
83) Chrysene	13.974	228	526763	49.976	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	385602	55.608	ng	100
85) Di-n-octyl phthalate	14.545	149	785915	65.351	ng	96
87) Indeno(1,2,3-cd)pyrene	16.809	276	797233	54.554	ng	100
88) Benzo(b)fluoranthene	14.974	252	629378	48.384	ng	99
89) Benzo(k)fluoranthene	15.004	252	610791	48.471	ng	100
90) Benzo(a)pyrene	15.333	252	642078	58.868	ng	98
91) Dibenzo(a,h)anthracene	16.827	278	663504	56.267	ng	98
92) Benzo(g,h,i)perylene	17.245	276	716373	57.051	ng	99

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

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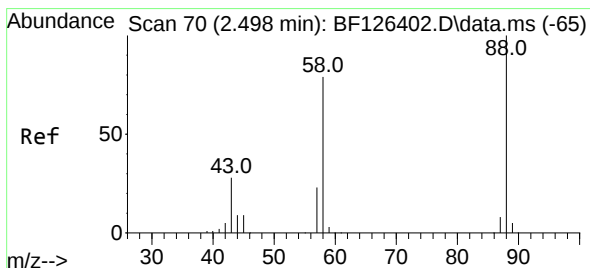
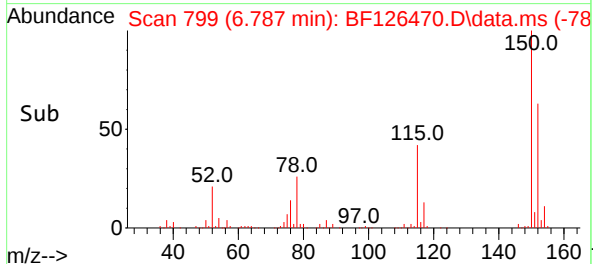
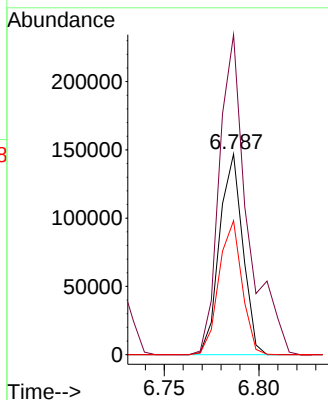
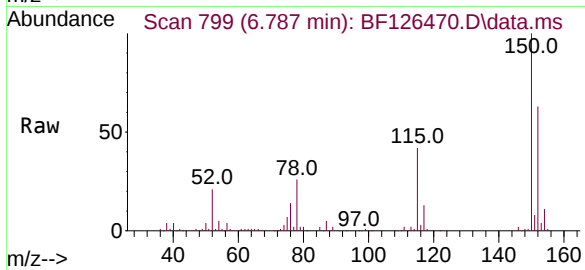




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. 0.001 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

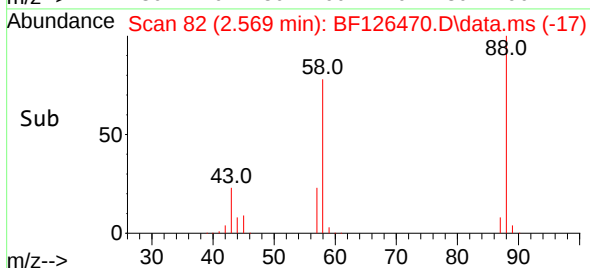
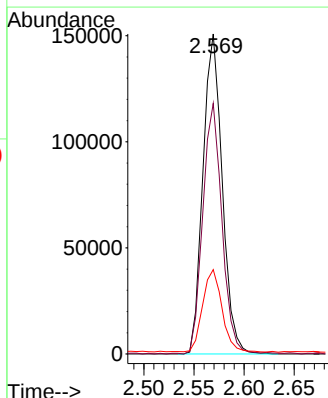
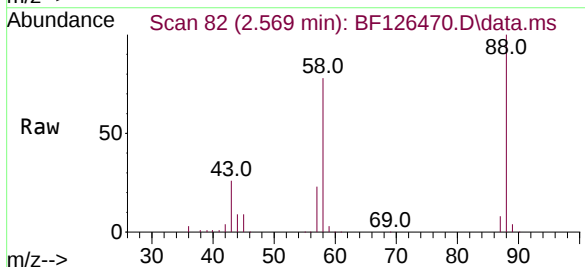
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MS

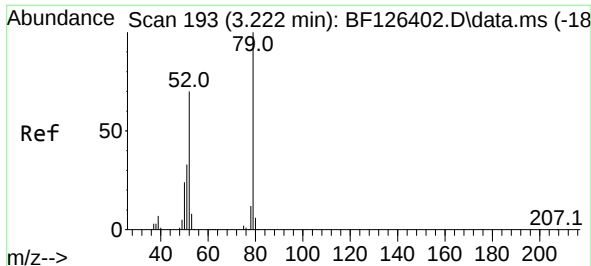
Tgt Ion:152 Resp: 125870
 Ion Ratio Lower Upper
 152 100
 150 159.4 128.1 192.1
 115 66.7 56.7 85.1



#2
 1,4-Dioxane
 Concen: 45.969 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.083 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

Tgt Ion: 88 Resp: 202050
 Ion Ratio Lower Upper
 88 100
 58 78.4 62.8 94.2
 43 25.8 22.3 33.5





#3

Pyridine

Concen: 37.966 ng

RT: 3.316 min Scan# 20

Delta R.T. 0.106 min

Lab File: BF126470.D

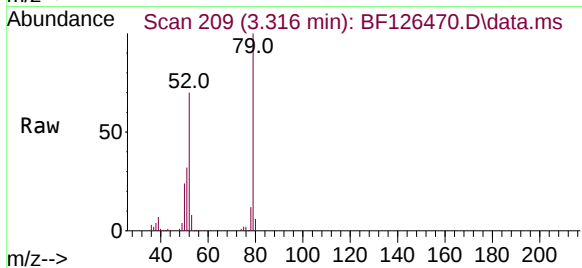
Acq: 4 Jan 2022 16:27

Instrument :

BNA_F

ClientSampleId :

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



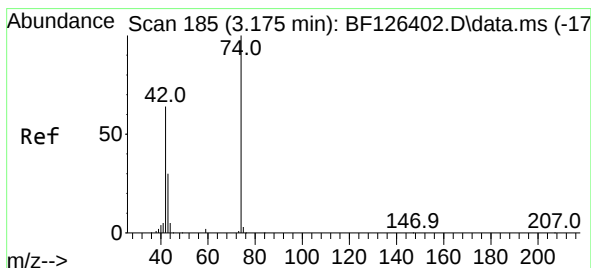
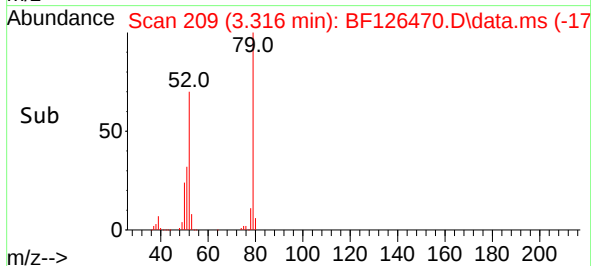
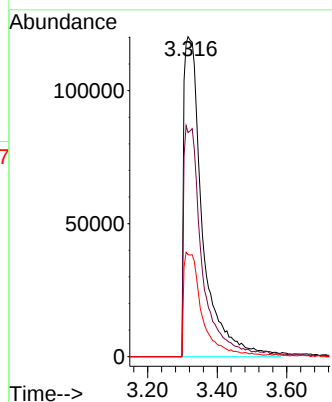
Tgt Ion: 79 Resp: 450127

Ion Ratio Lower Upper

79 100

52 70.1 56.2 84.4

51 31.9 26.7 40.1



#4

n-Nitrosodimethylamine

Concen: 44.095 ng

RT: 3.240 min Scan# 196

Delta R.T. 0.077 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

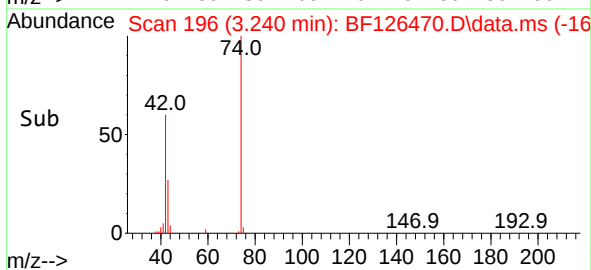
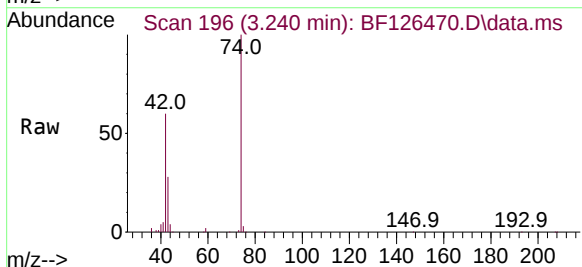
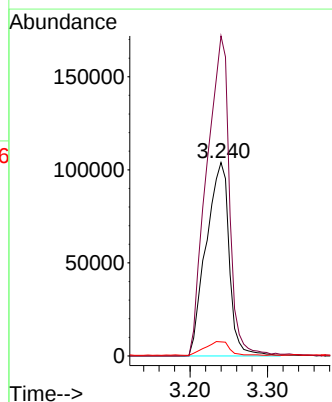
Tgt Ion: 42 Resp: 214939

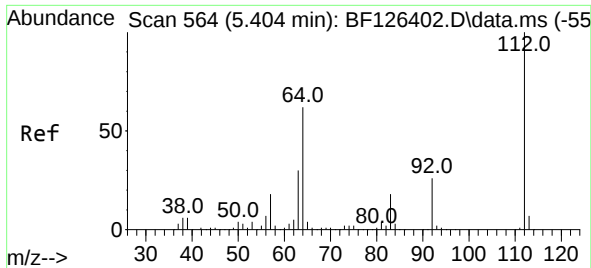
Ion Ratio Lower Upper

42 100

74 165.5 125.6 188.4

44 7.3 5.7 8.5

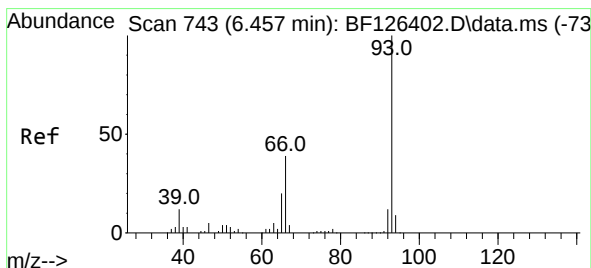
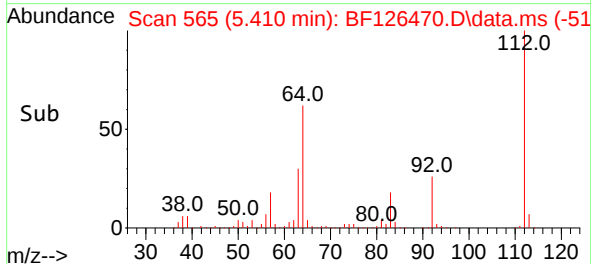
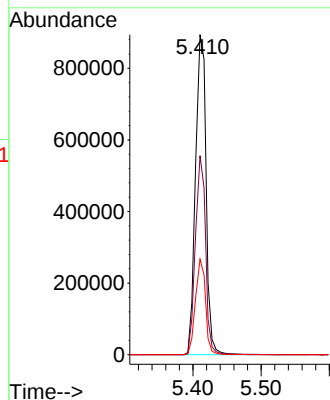
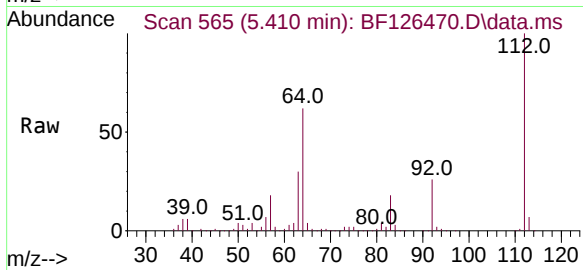




#5
2-Fluorophenol
Concen: 109.089 ng
RT: 5.410 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

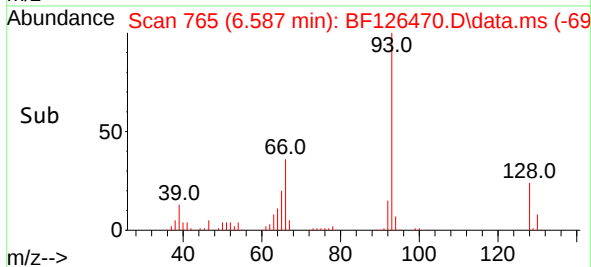
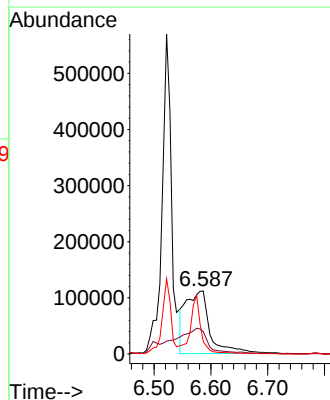
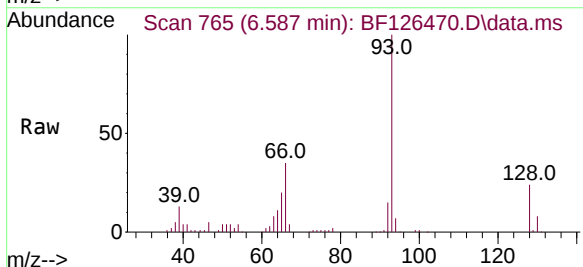
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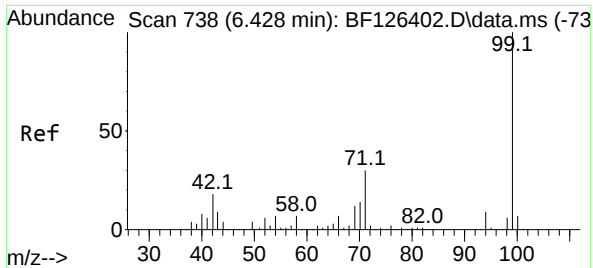
Tgt Ion:112 Resp: 956164
Ion Ratio Lower Upper
112 100
64 62.2 49.5 74.3
63 29.8 23.9 35.9



#6
Aniline
Concen: 23.556 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.141 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion: 93 Resp: 332527
Ion Ratio Lower Upper
93 100
66 35.5 32.2 48.4
65 19.9 16.3 24.5



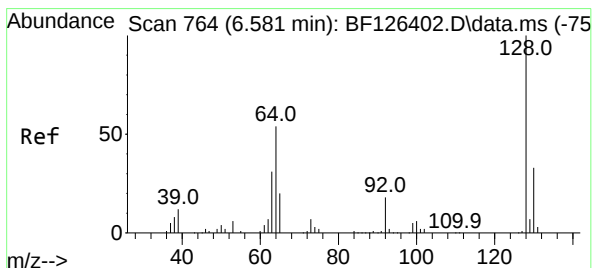
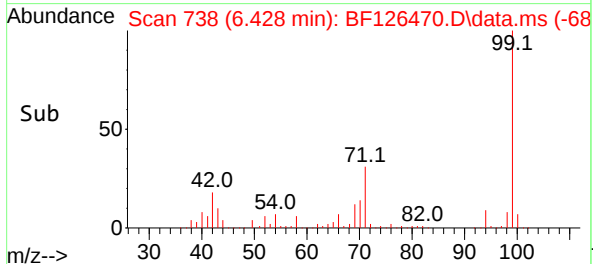
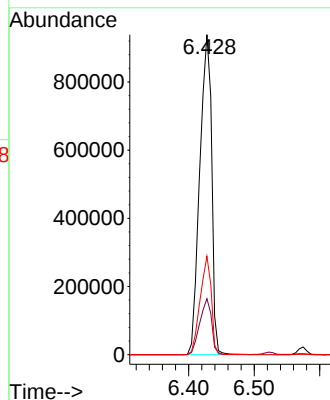
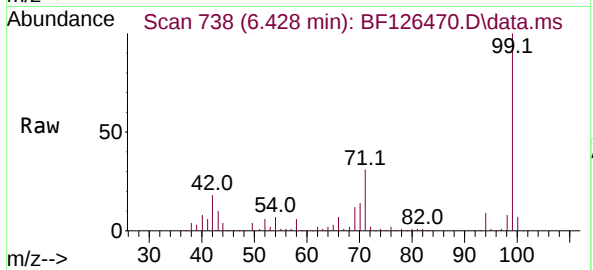


#7
Phenol-d6
Concen: 104.583 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

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

Tgt Ion: 99 Resp: 1187274

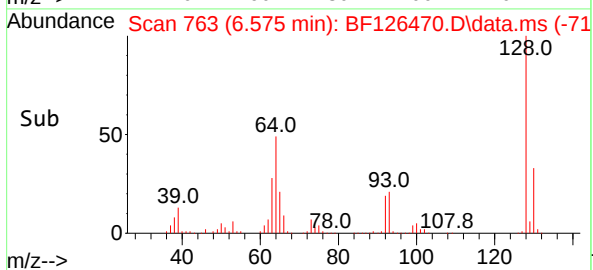
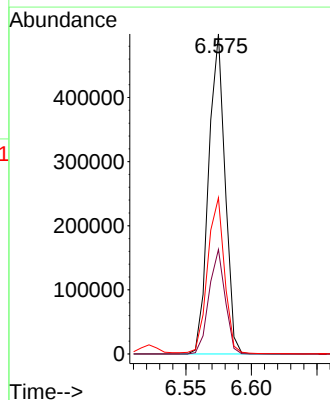
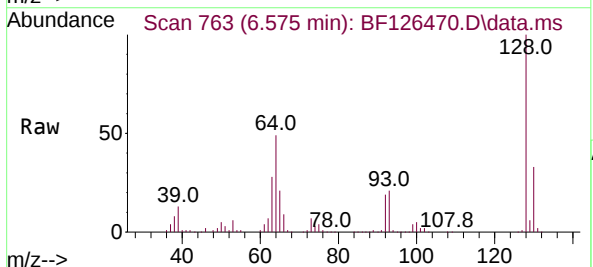
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.2	21.4
71	30.8	24.3	36.5

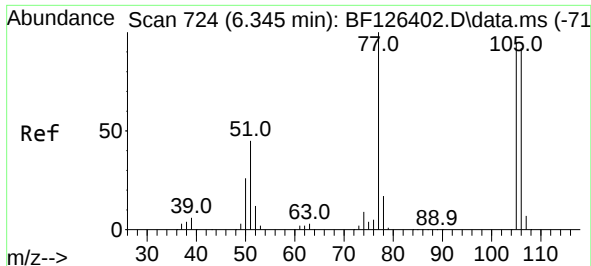


#8
2-Chlorophenol
Concen: 49.756 ng
RT: 6.575 min Scan# 763
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:128 Resp: 434916

Ion	Ratio	Lower	Upper
128	100		
130	32.7	12.7	52.7
64	48.8	35.6	75.6

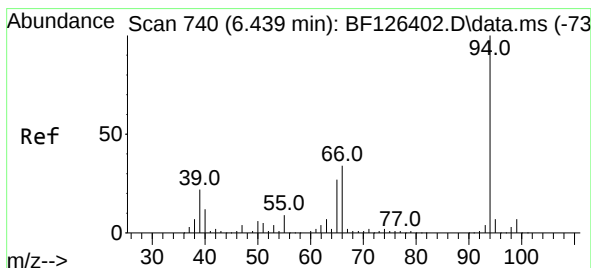
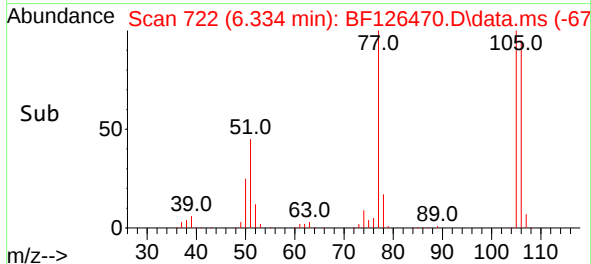
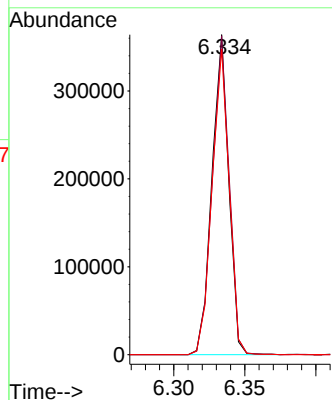
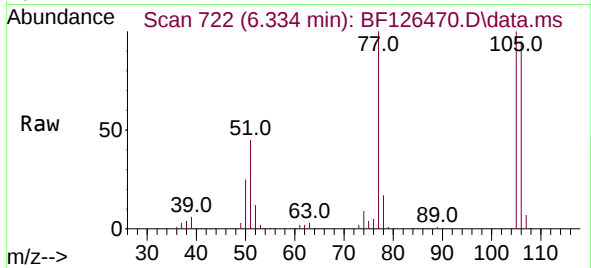




#9
Benzaldehyde
Concen: 42.704 ng
RT: 6.334 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

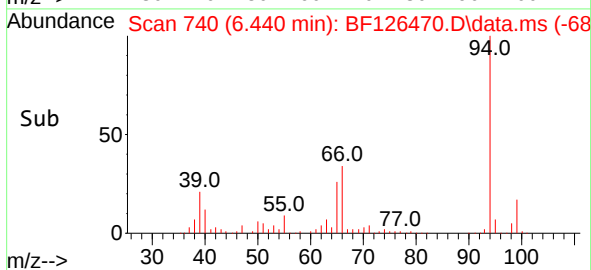
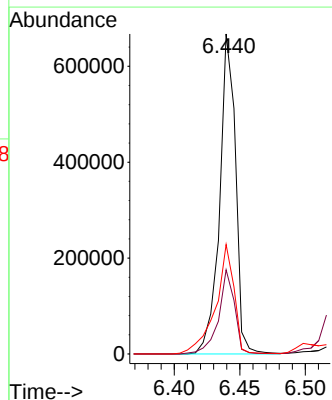
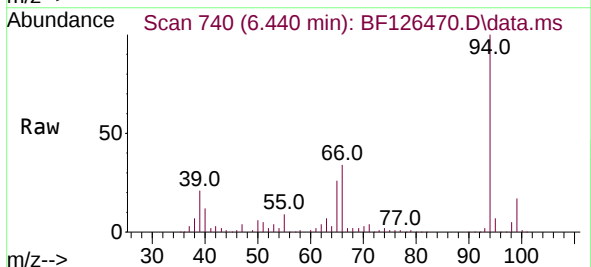
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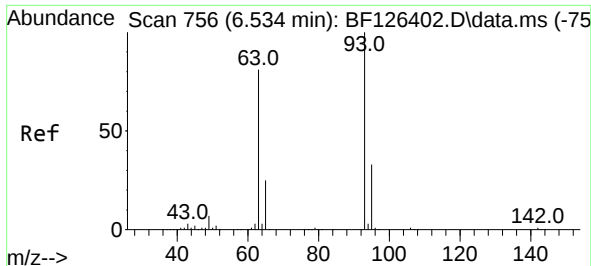
Tgt Ion: 77 Resp: 300112
Ion Ratio Lower Upper
77 100
105 99.6 74.9 114.9
106 95.5 72.4 112.4



#10
Phenol
Concen: 44.427 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion: 94 Resp: 562841
Ion Ratio Lower Upper
94 100
65 26.3 7.2 47.2
66 34.2 14.5 54.5

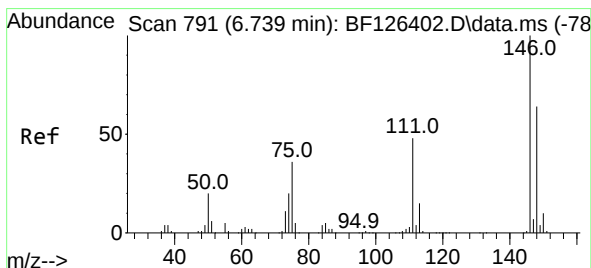
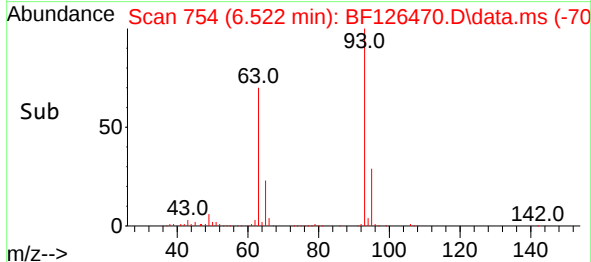
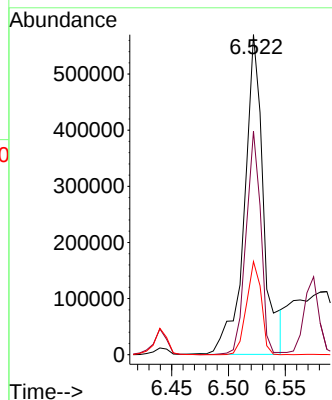
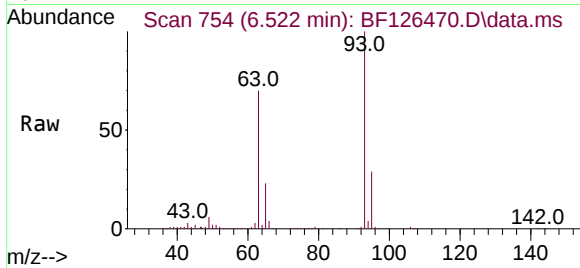




#11
bis(2-Chloroethyl)ether
Concen: 68.928 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

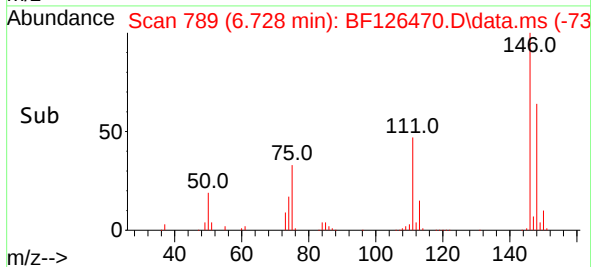
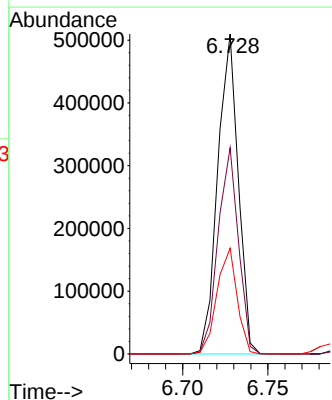
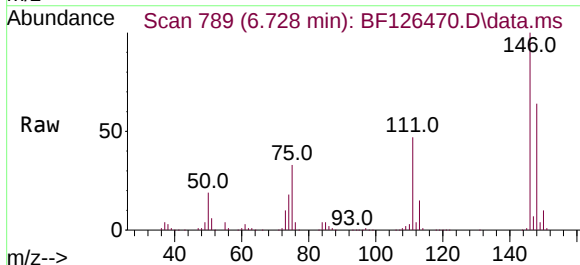
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

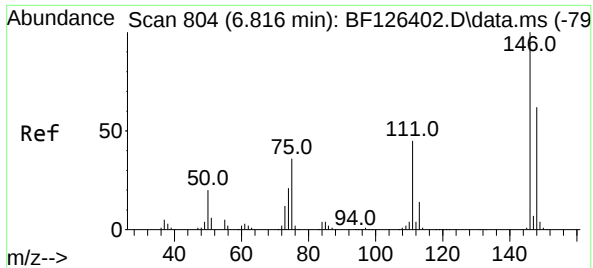
Tgt Ion: 93 Resp: 666780
Ion Ratio Lower Upper
93 100
63 69.9 60.5 100.5
95 29.1 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 48.898 ng
RT: 6.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:146 Resp: 427114
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 33.1 28.4 42.6

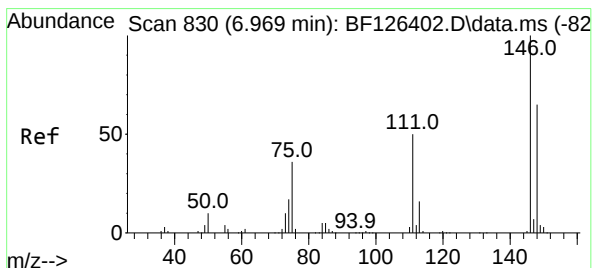
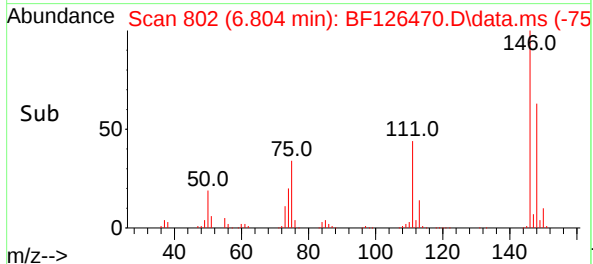
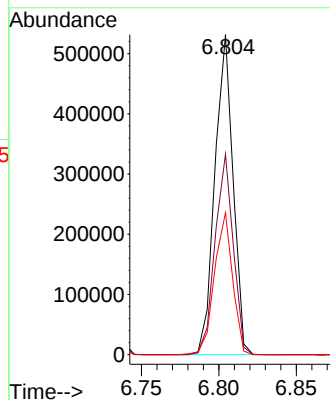
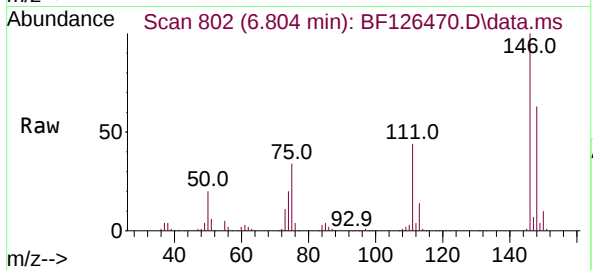




#13
1,4-Dichlorobenzene
Concen: 49.690 ng
RT: 6.804 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

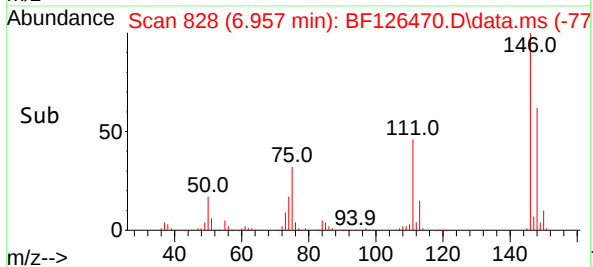
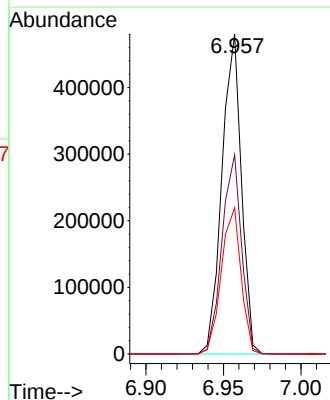
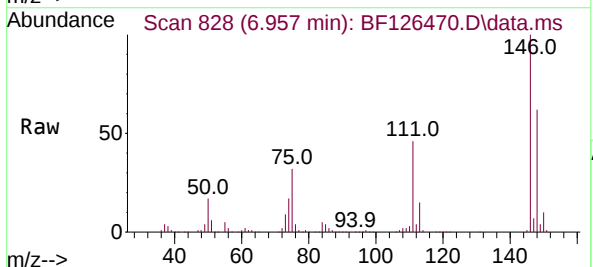
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

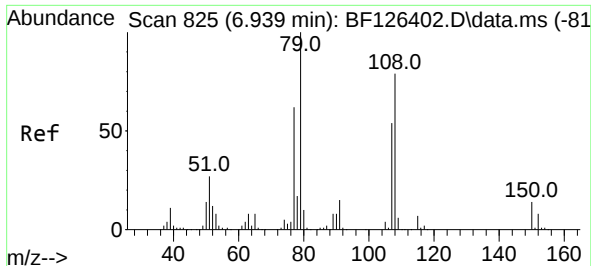
Tgt Ion:146 Resp: 433237
Ion Ratio Lower Upper
146 100
148 62.7 49.8 74.6
111 44.3 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 49.354 ng
RT: 6.957 min Scan# 828
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:146 Resp: 419279
Ion Ratio Lower Upper
146 100
148 62.2 51.6 77.4
111 45.7 40.2 60.2

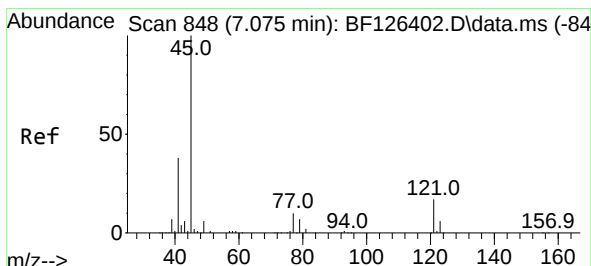
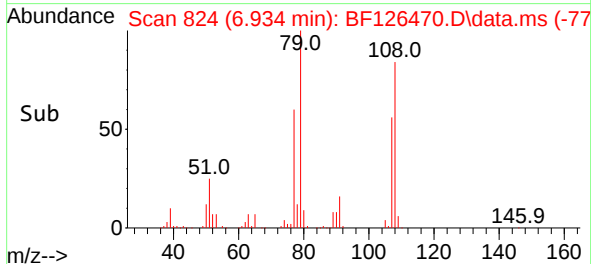
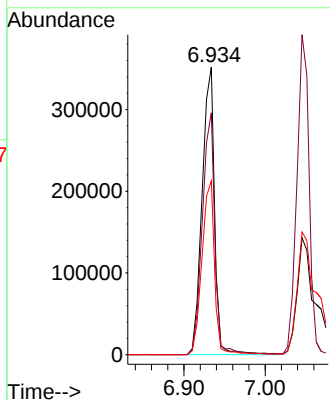
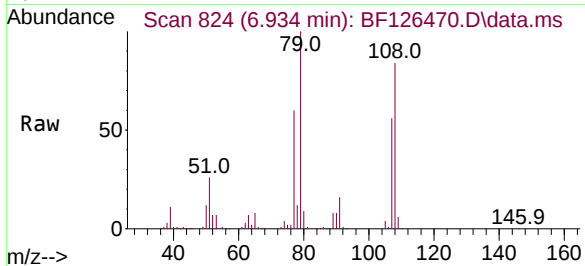




#15
Benzyl Alcohol
Concen: 47.346 ng
RT: 6.934 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

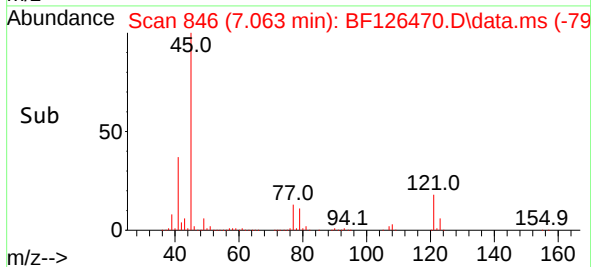
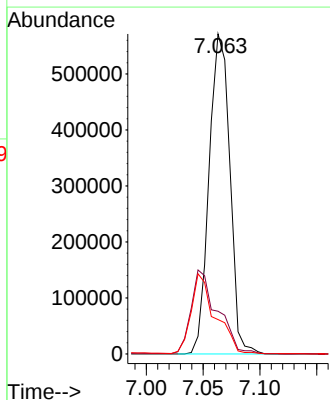
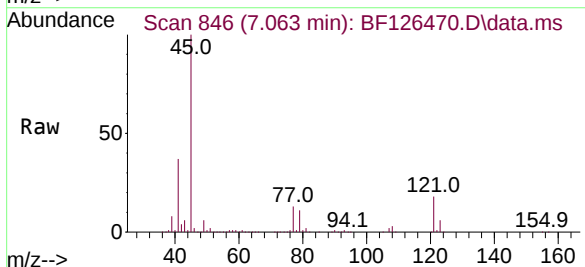
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

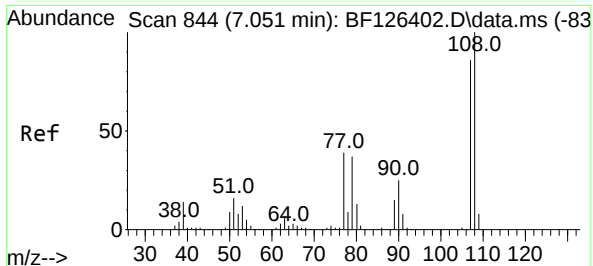
Tgt Ion: 79 Resp: 376064
Ion Ratio Lower Upper
79 100
108 84.1 63.2 94.8
77 60.4 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.864 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion: 45 Resp: 727188
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.4
79 10.8 0.0 29.8

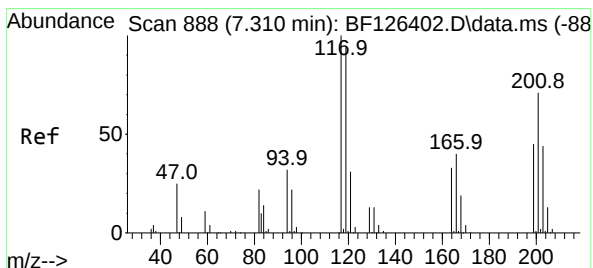
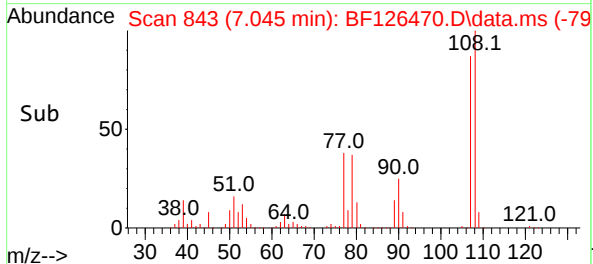
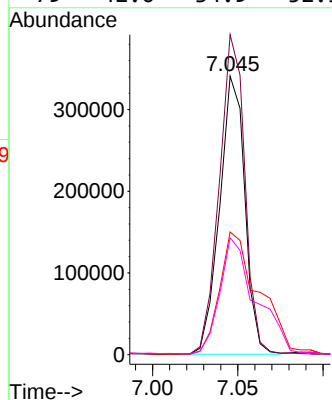
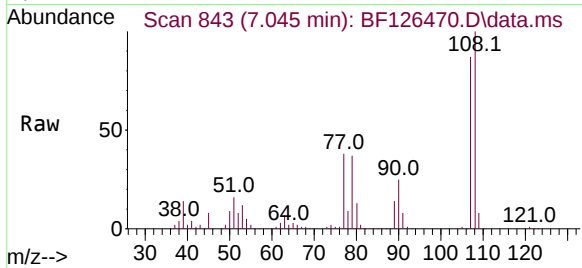




#17
2-Methylphenol
Concen: 45.631 ng
RT: 7.045 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

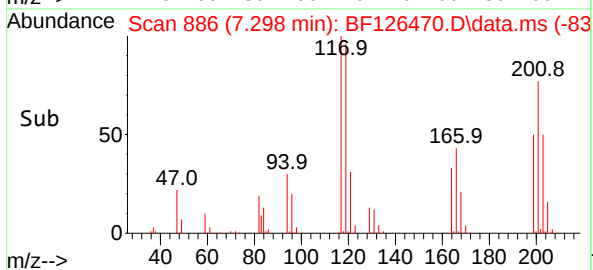
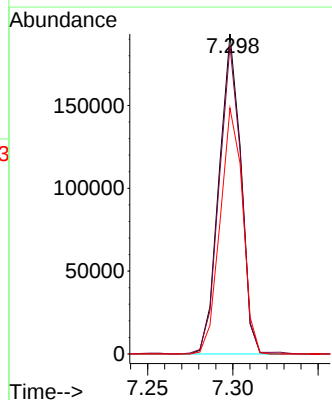
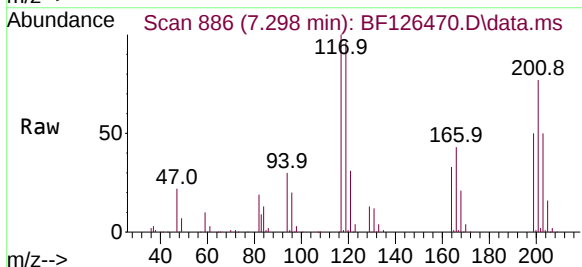
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

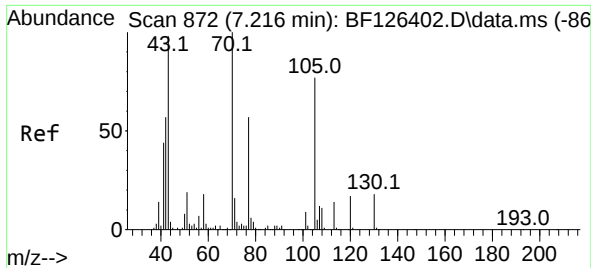
Tgt Ion:107	Resp:	350853	
Ion	Ratio	Lower	Upper
107	100		
108	114.8	93.4	140.0
77	44.0	36.1	54.1
79	42.0	34.9	52.3



#18
Hexachloroethane
Concen: 49.302 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:117	Resp:	171264	
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.4	113.0
201	76.9	56.8	85.2



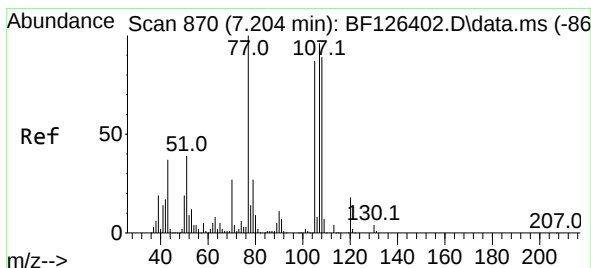
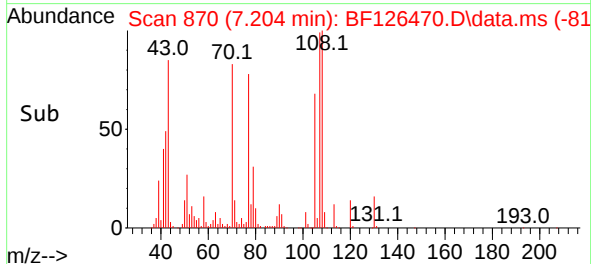
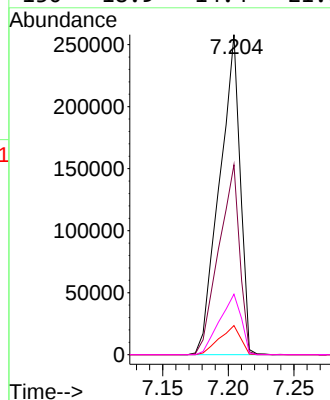
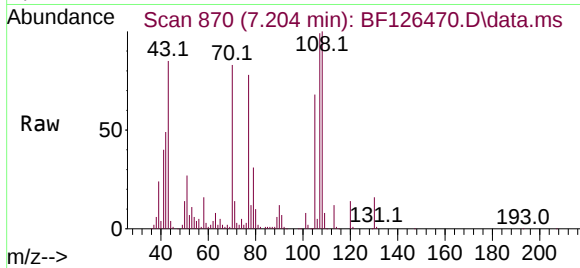


#19
n-Nitroso-di-n-propylamine
Concen: 43.545 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

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

Tgt Ion: 70 Resp: 282087

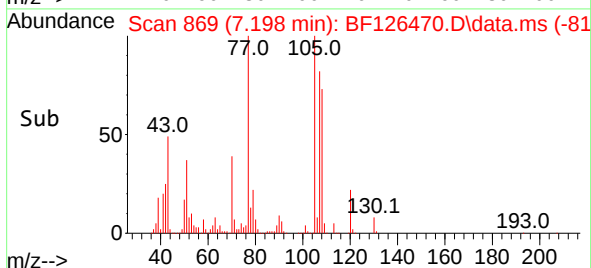
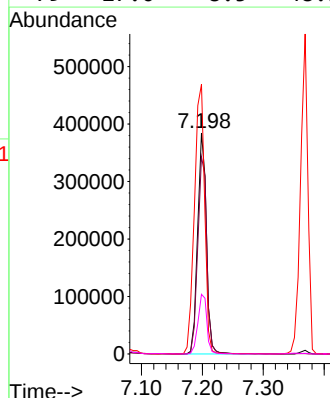
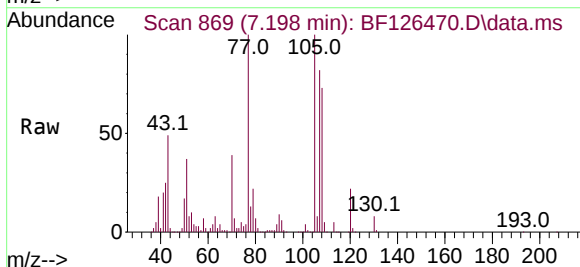
Ion	Ratio	Lower	Upper
70	100		
42	59.4	45.8	68.8
101	9.1	6.9	10.3
130	18.9	14.4	21.6



#20
3+4-Methylphenols
Concen: 42.046 ng
RT: 7.198 min Scan# 869
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion: 107 Resp: 384885

Ion	Ratio	Lower	Upper
107	100		
108	89.2	72.4	112.4
77	122.0	83.8	123.8
79	27.0	8.5	48.5

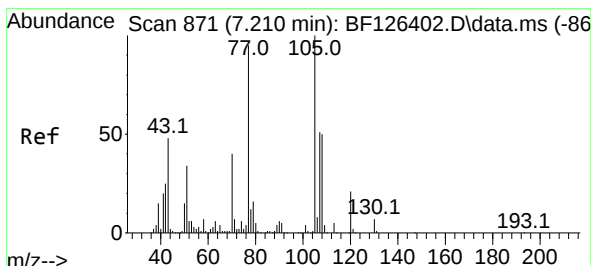
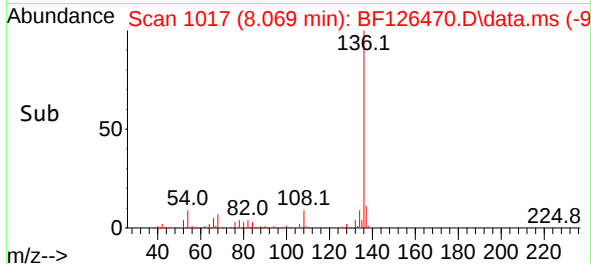
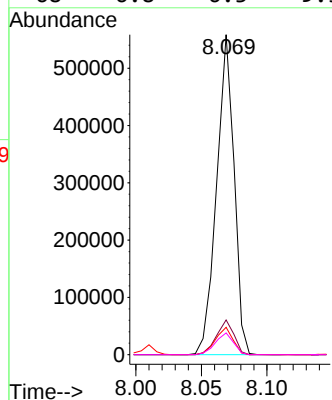
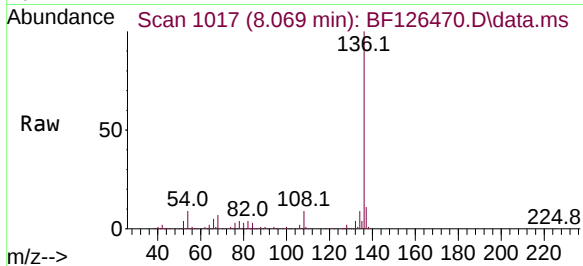




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

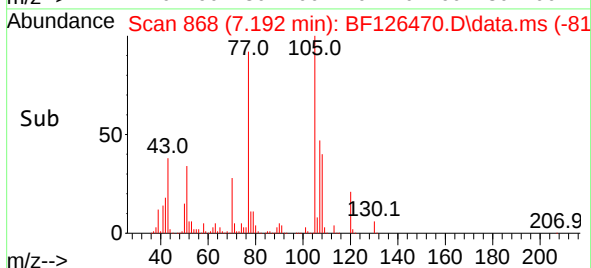
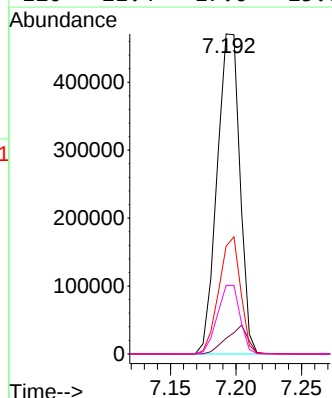
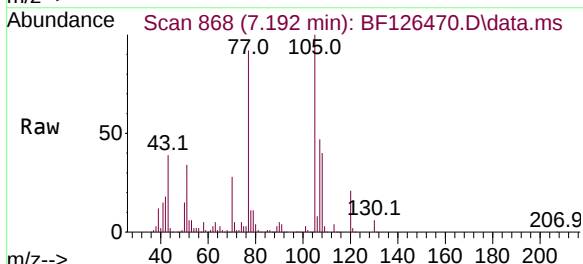
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

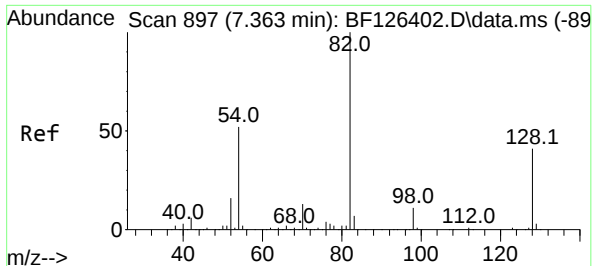
Tgt Ion:136 Resp: 516257
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 7.8 11.6
68 6.8 6.3 9.5



#22
Acetophenone
Concen: 47.632 ng
RT: 7.192 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:105 Resp: 568489
Ion Ratio Lower Upper
105 100
71 4.9 5.4 8.0#
51 33.7 27.4 41.0
120 21.4 17.0 25.6





#23

Nitrobenzene-d5

Concen: 77.311 ng

RT: 7.351 min Scan# 89

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

Instrument :

BNA_F

ClientSampleId :

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

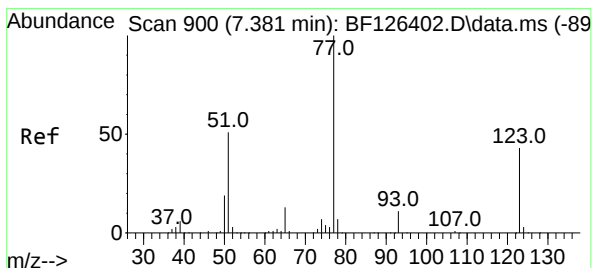
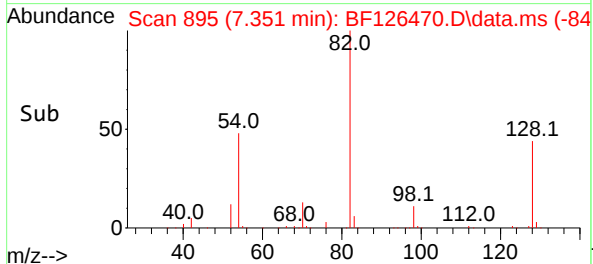
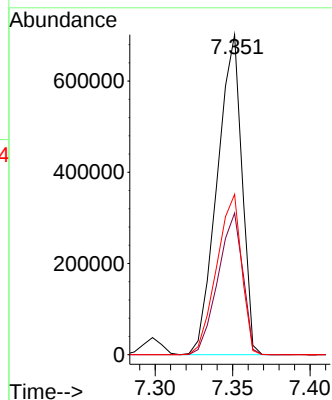
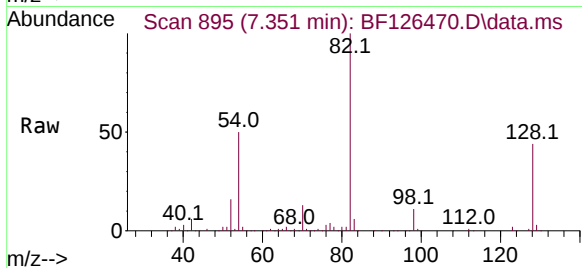
Tgt Ion: 82 Resp: 777321

Ion Ratio Lower Upper

82 100

128 44.2 32.7 49.1

54 50.1 41.7 62.5



#24

Nitrobenzene

Concen: 46.712 ng

RT: 7.369 min Scan# 898

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

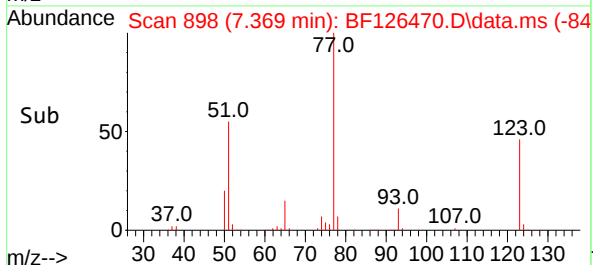
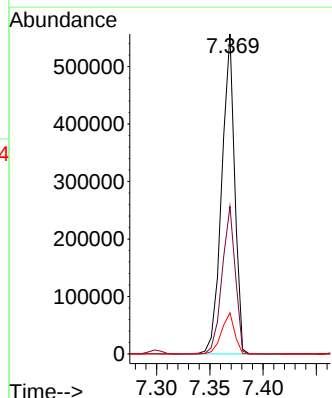
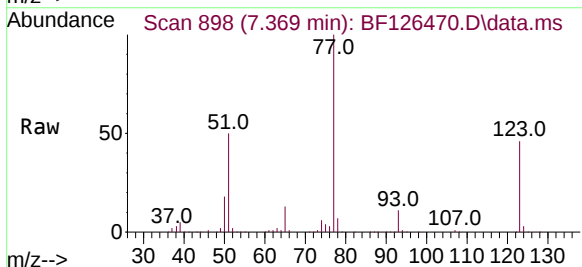
Tgt Ion: 77 Resp: 469978

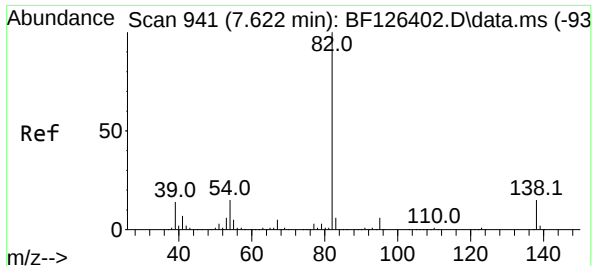
Ion Ratio Lower Upper

77 100

123 46.1 34.6 52.0

65 12.9 10.6 15.8

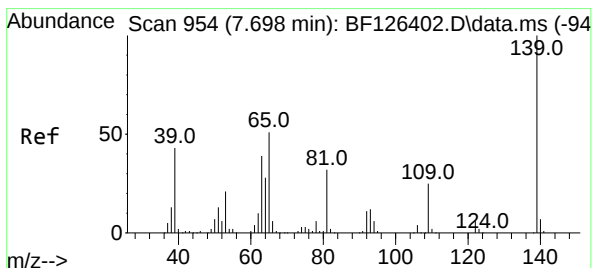
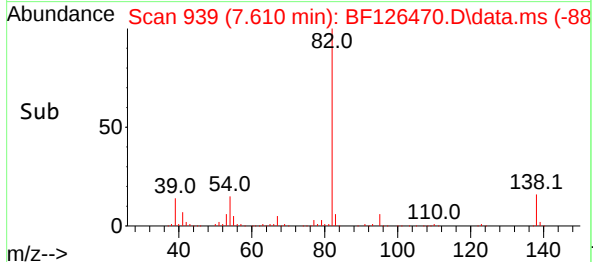
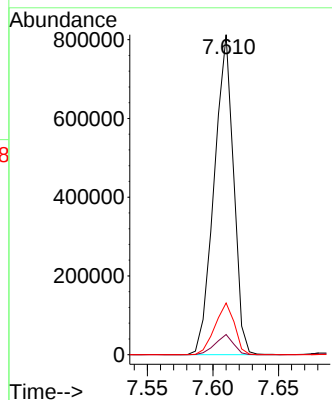
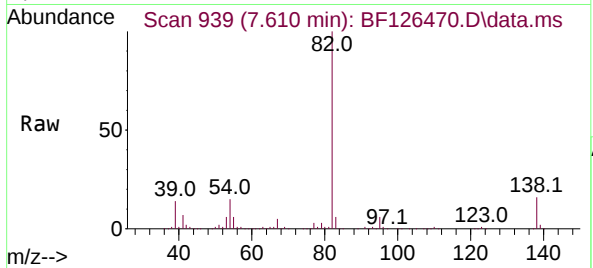




#25
Isophorone
Concen: 46.330 ng
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

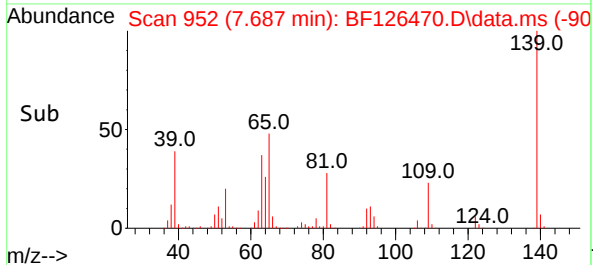
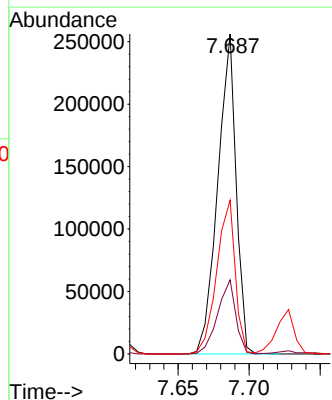
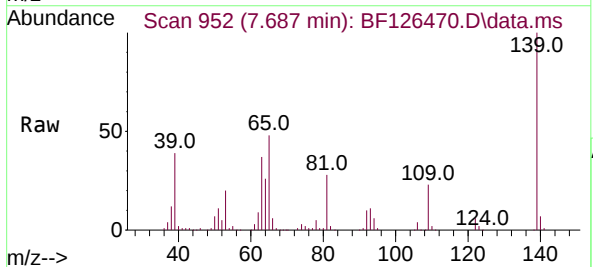
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

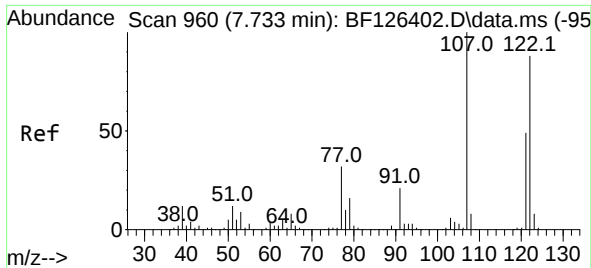
Tgt Ion: 82 Resp: 833890
Ion Ratio Lower Upper
82 100
95 6.3 5.0 7.4
138 16.2 12.3 18.5



#26
2-Nitrophenol
Concen: 51.537 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:139 Resp: 229868
Ion Ratio Lower Upper
139 100
109 23.1 20.0 30.0
65 48.1 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 49.912 ng

RT: 7.728 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

Instrument :

BNA_F

ClientSampleId :

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

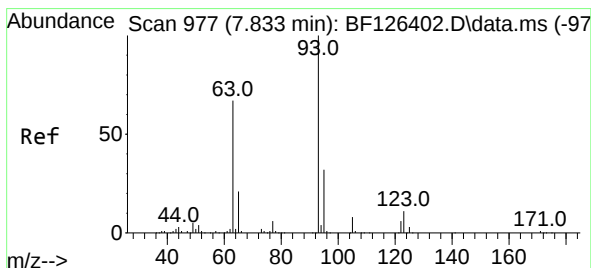
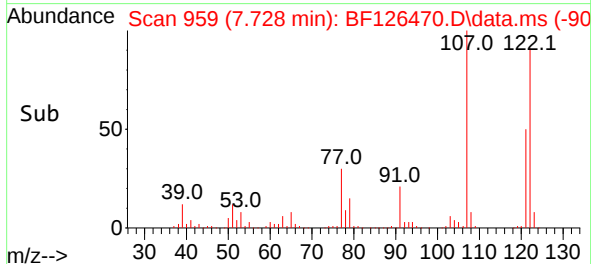
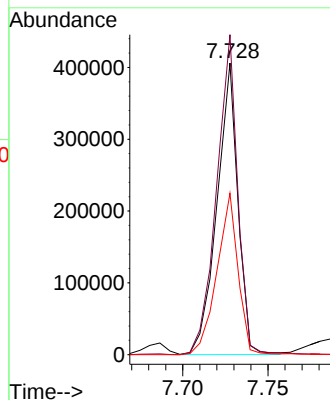
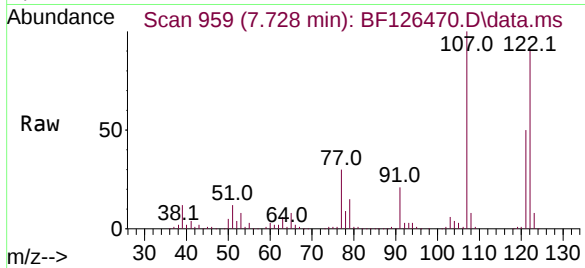
Tgt Ion:122 Resp: 348098

Ion Ratio Lower Upper

122 100

107 109.7 91.2 136.8

121 55.4 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.367 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

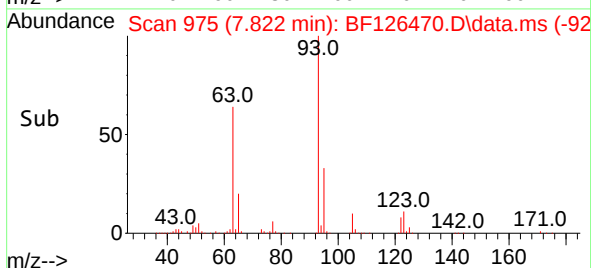
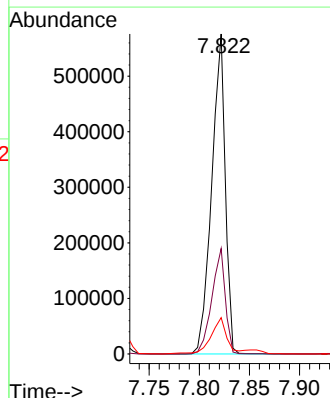
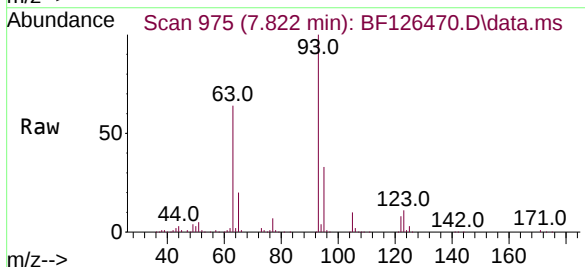
Tgt Ion: 93 Resp: 545185

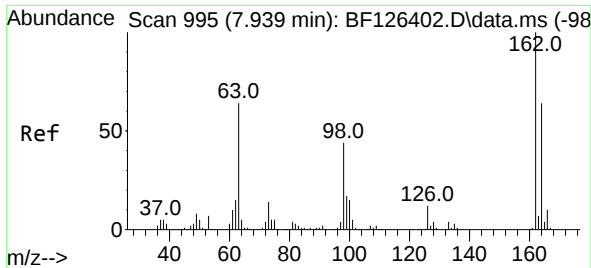
Ion Ratio Lower Upper

93 100

95 32.9 25.4 38.2

123 11.3 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 48.589 ng

RT: 7.934 min Scan# 995

Delta R.T. 0.006 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

Instrument :

BNA_F

ClientSampleId :

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

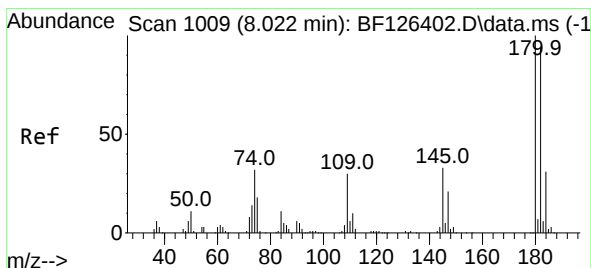
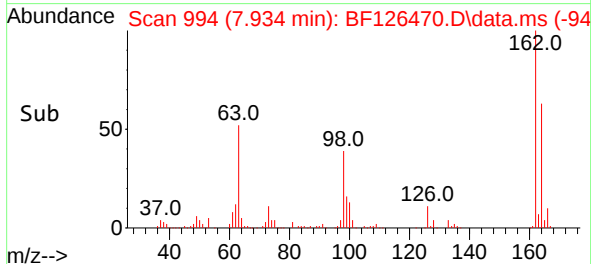
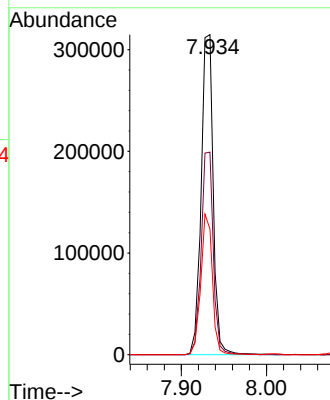
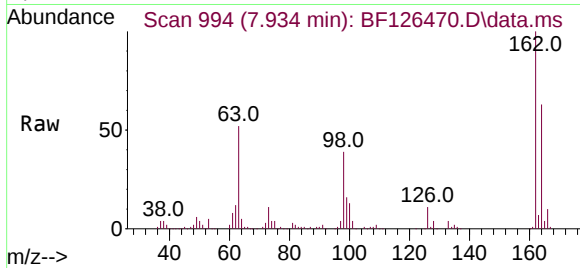
Tgt Ion:162 Resp: 309420

Ion Ratio Lower Upper

162 100

164 63.3 43.8 83.8

98 39.3 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 49.557 ng

RT: 8.010 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

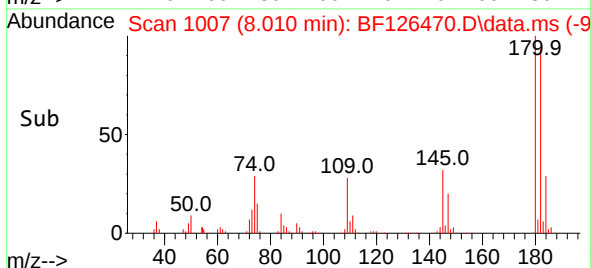
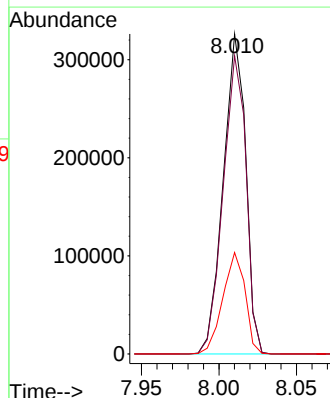
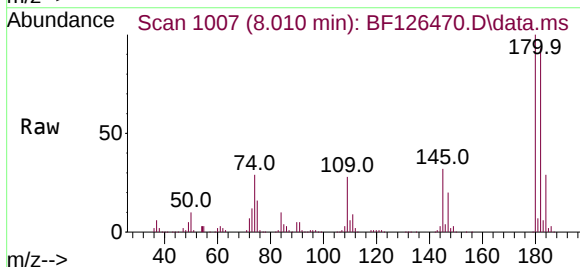
Tgt Ion:180 Resp: 328904

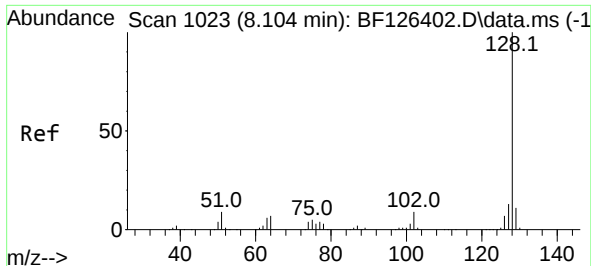
Ion Ratio Lower Upper

180 100

182 93.2 75.5 113.3

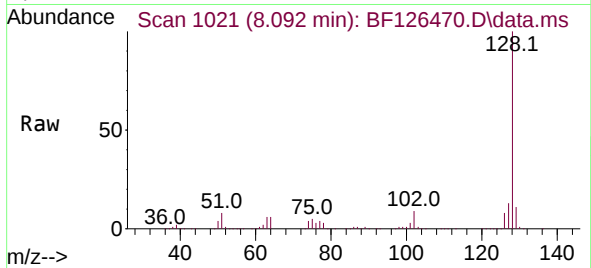
145 31.7 26.2 39.2





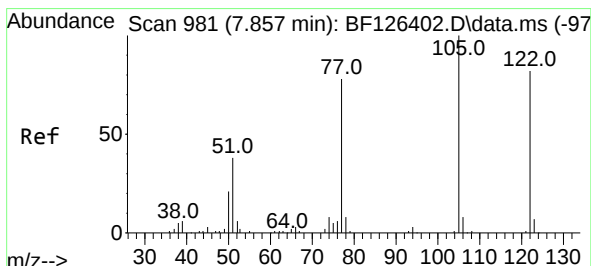
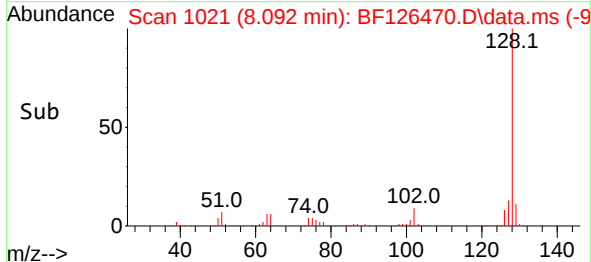
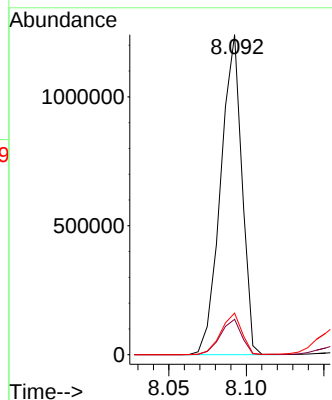
#31
Naphthalene
Concen: 48.526 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

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



Tgt Ion:128 Resp: 1182460

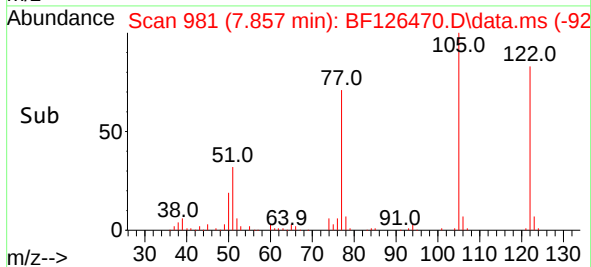
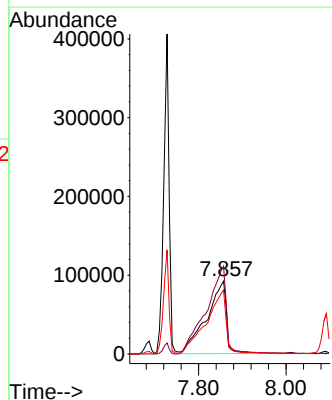
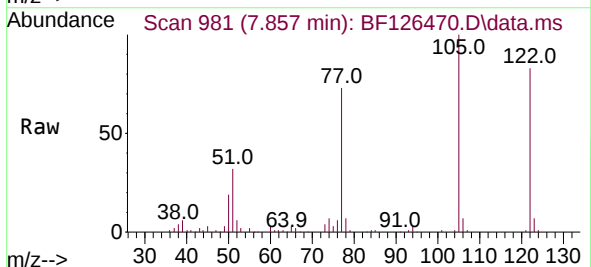
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.0	10.3	15.5

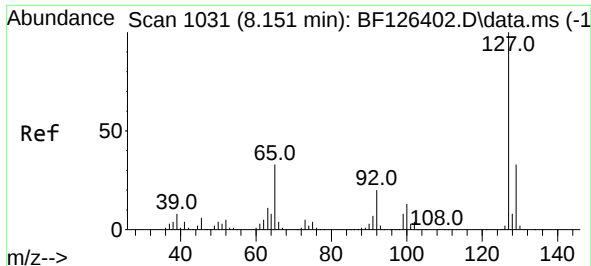


#32
Benzoic acid
Concen: 56.507 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.012 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:122 Resp: 293336

Ion	Ratio	Lower	Upper
122	100		
105	120.4	101.0	141.0
77	87.8	74.5	114.5

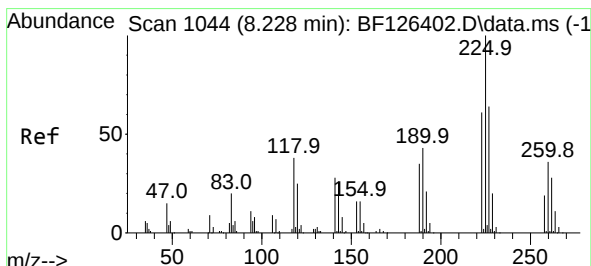
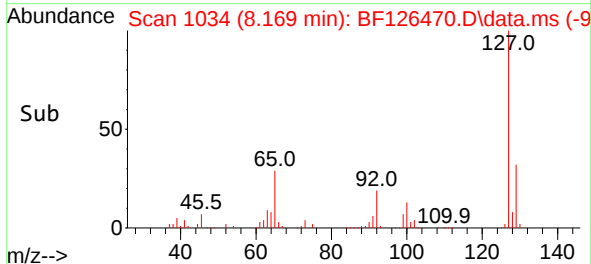
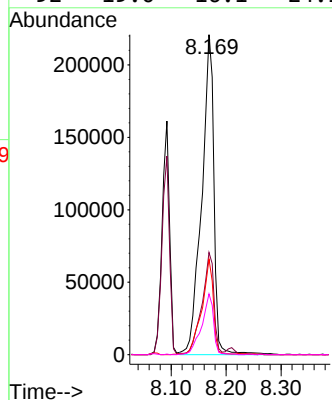
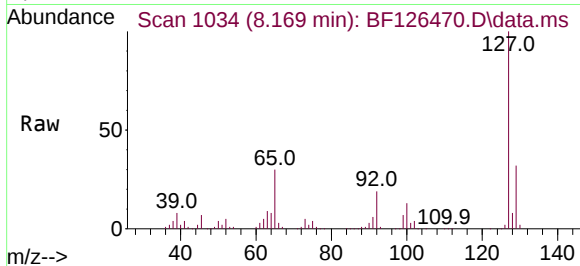




#33
4-Chloroaniline
Concen: 33.600 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.030 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

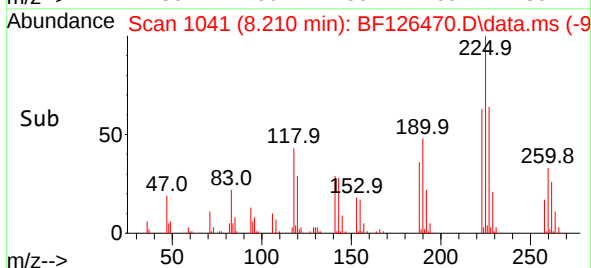
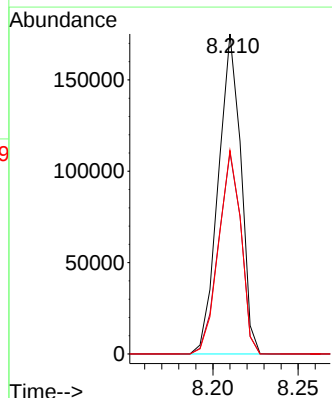
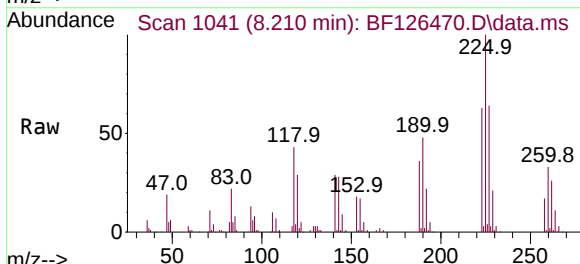
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

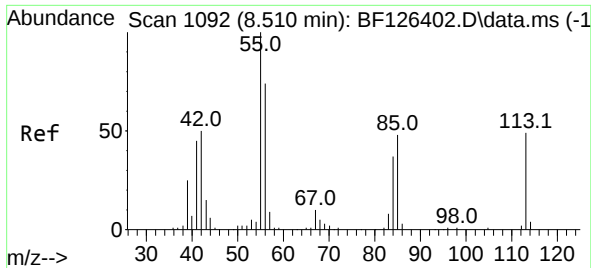
Tgt	Ion:127	Resp:	342994
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.5	39.7
65	29.9	26.6	39.8
92	19.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 49.925 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:225	Resp: 161049		
Ion Ratio	Lower	Upper	
225 100			
223 62.9	48.6	73.0	
227 63.6	51.4	77.0	

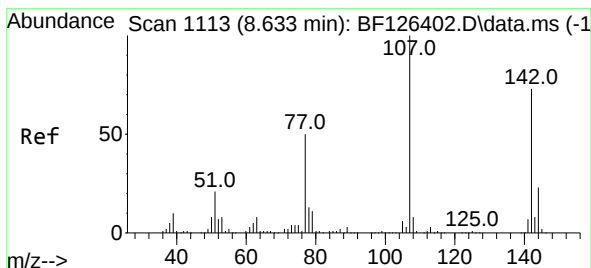
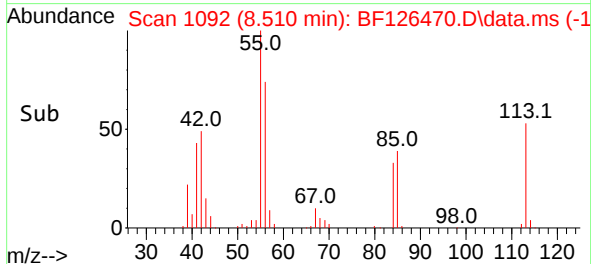
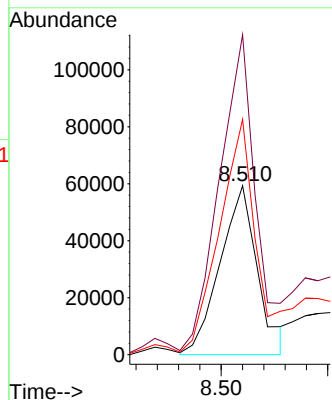
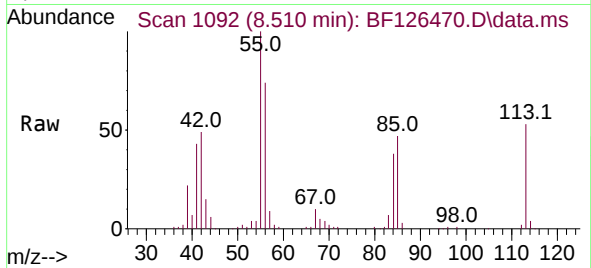




#35
Caprolactam
Concen: 44.472 ng
RT: 8.510 min Scan# 1092
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

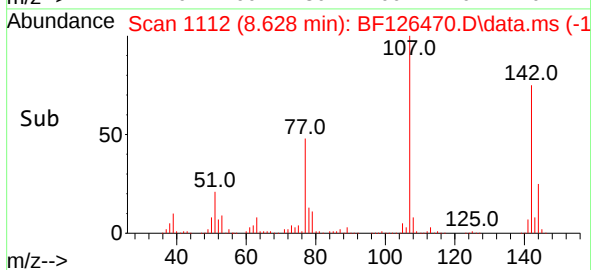
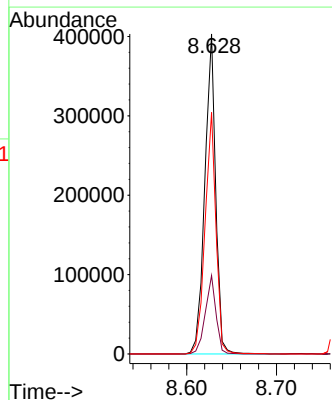
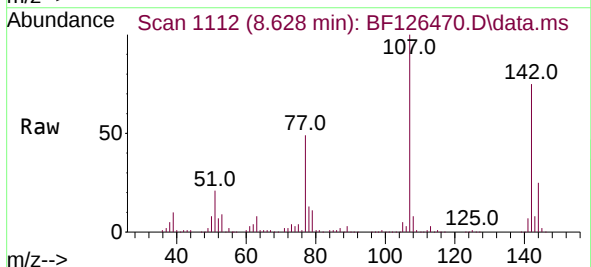
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

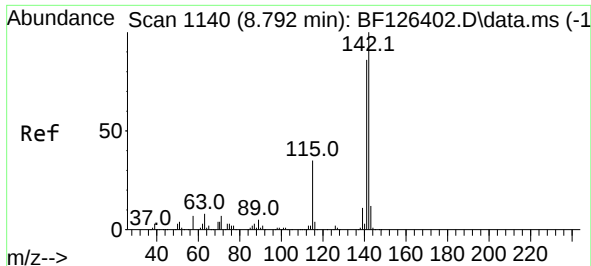
Tgt Ion:113 Resp: 72046
Ion Ratio Lower Upper
113 100
55 189.5 183.9 223.9
56 139.4 129.9 169.9



#36
4-Chloro-3-methylphenol
Concen: 43.685 ng
RT: 8.628 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:107 Resp: 339507
Ion Ratio Lower Upper
107 100
144 24.5 18.5 27.7
142 75.4 58.1 87.1

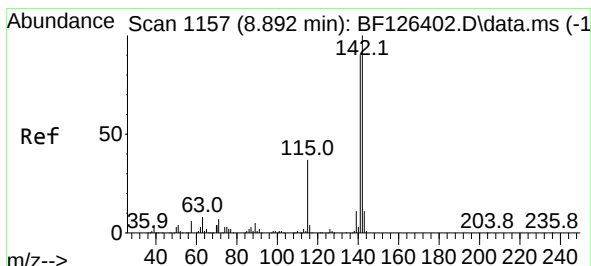
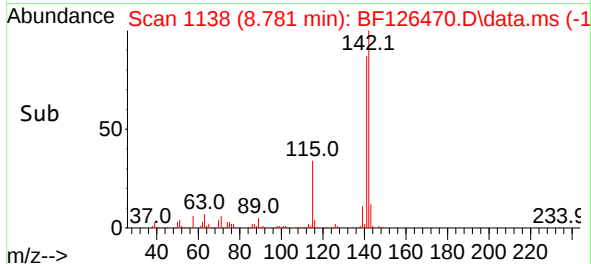
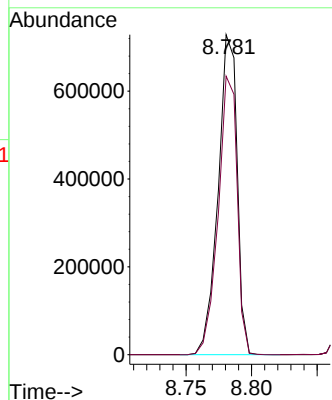
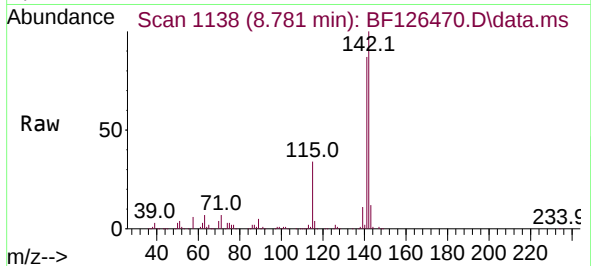




#37
2-Methylnaphthalene
Concen: 50.982 ng
RT: 8.781 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

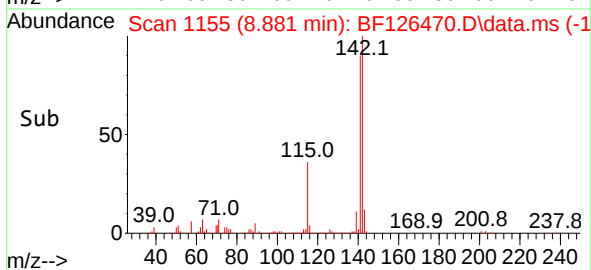
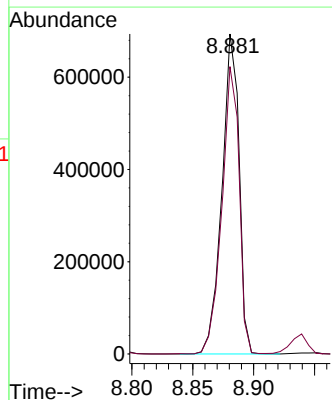
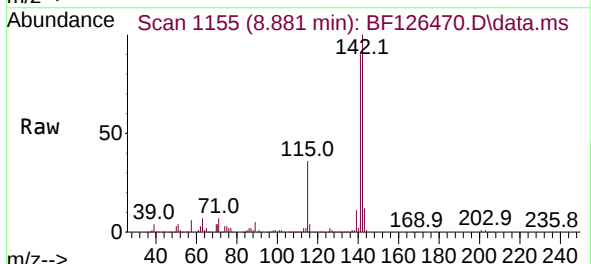
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

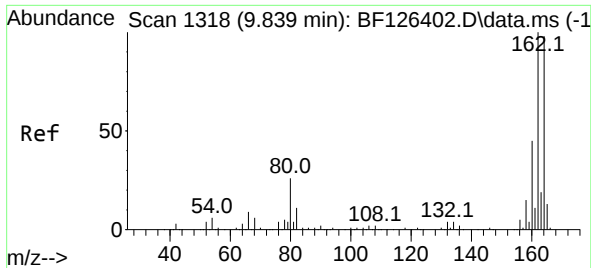
Tgt Ion:142 Resp: 732841
Ion Ratio Lower Upper
142 100
141 87.0 68.6 102.8



#38
1-Methylnaphthalene
Concen: 48.832 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

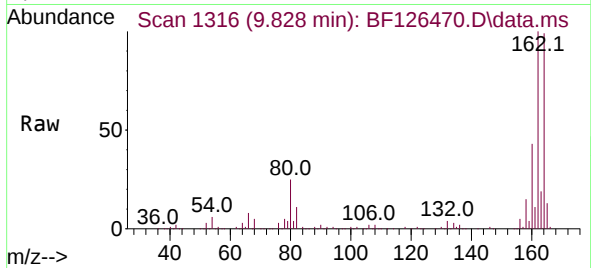
Tgt Ion:142 Resp: 678653
Ion Ratio Lower Upper
142 100
141 89.8 72.1 108.1



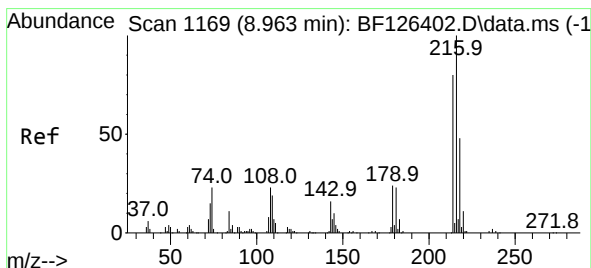
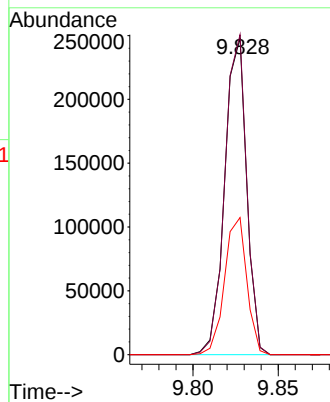
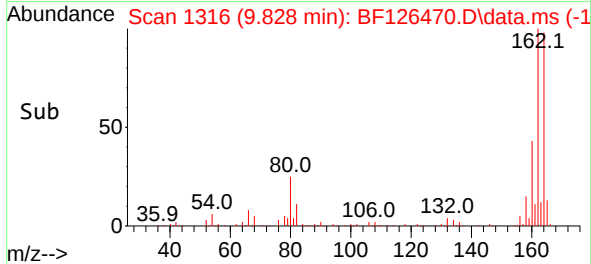


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

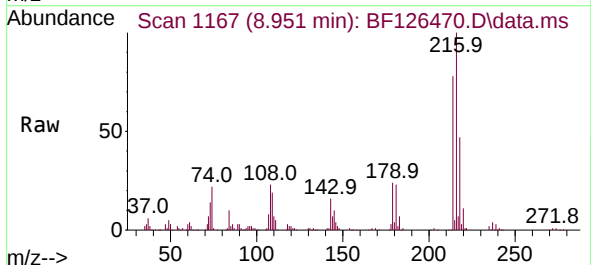
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS



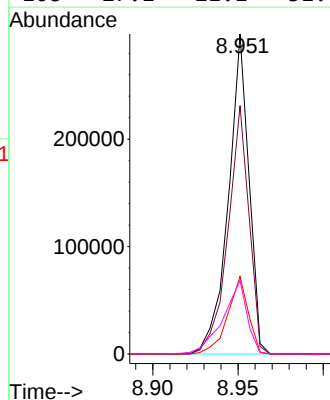
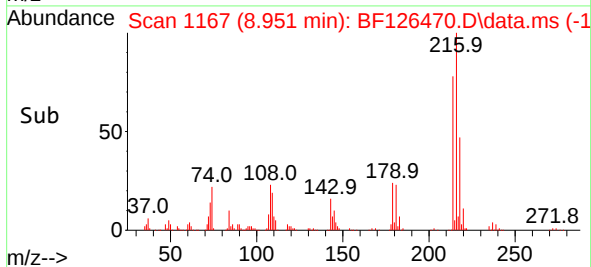
Tgt Ion:164 Resp: 222739
Ion Ratio Lower Upper
164 100
162 101.1 81.4 122.0
160 43.3 36.6 54.8

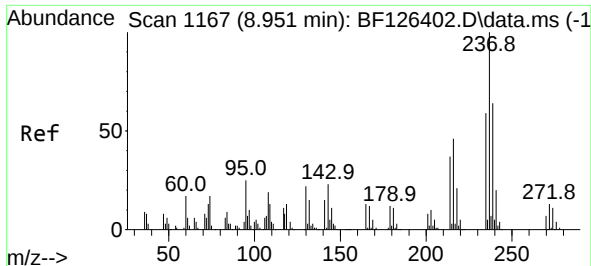


#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.444 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27



Tgt Ion:216 Resp: 248992
Ion Ratio Lower Upper
216 100
214 79.1 64.6 96.8
179 24.3 19.5 29.3
108 27.1 21.1 31.7

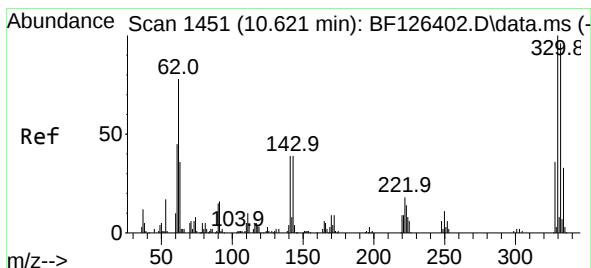
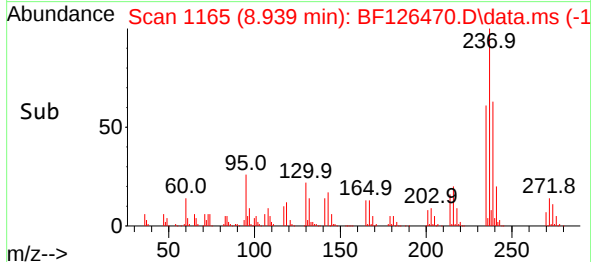
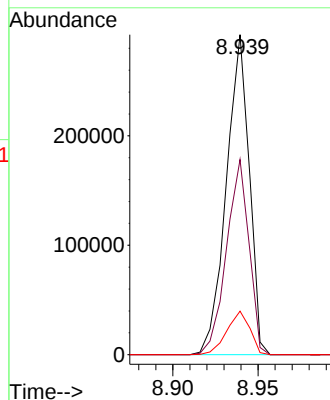
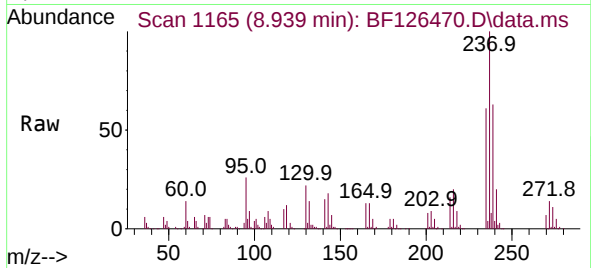




#41
Hexachlorocyclopentadiene
Concen: 138.559 ng
RT: 8.939 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

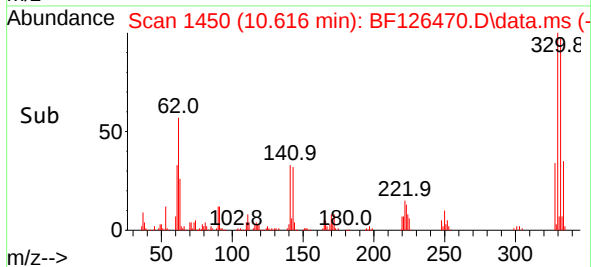
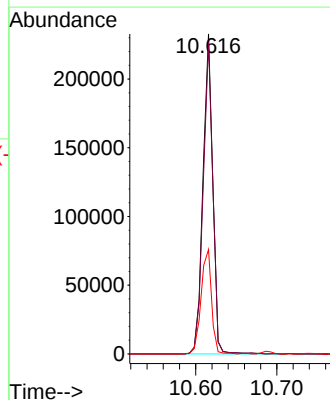
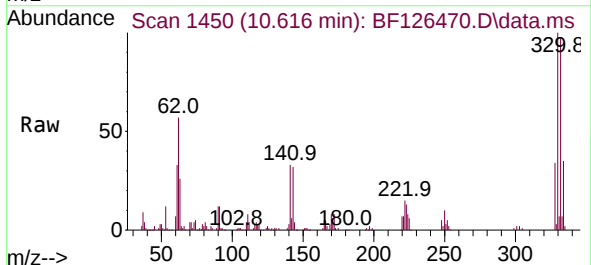
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

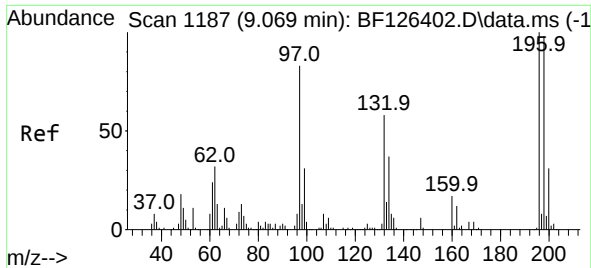
Tgt Ion:237 Resp: 273045
Ion Ratio Lower Upper
237 100
235 61.0 38.9 78.9
272 13.6 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 113.000 ng
RT: 10.616 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:330 Resp: 194496
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 35.0 30.1 45.1

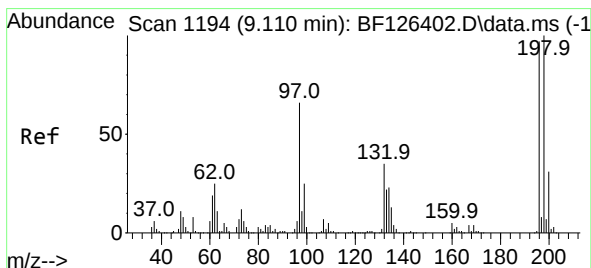
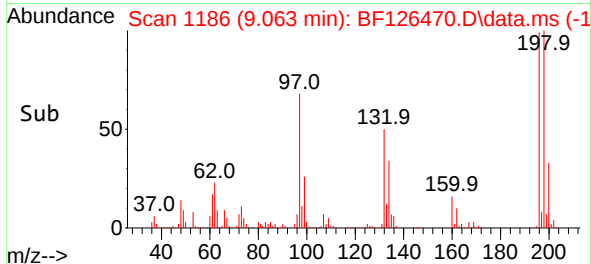
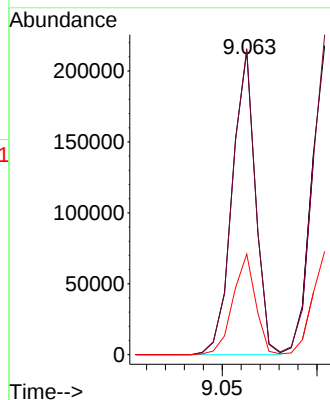
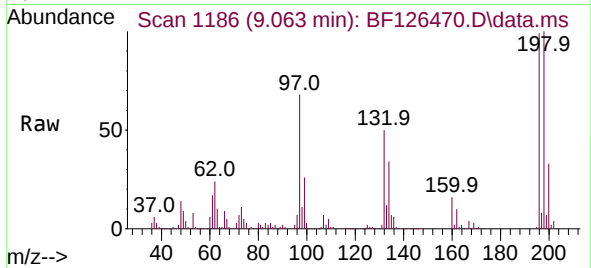




#43
 2,4,6-Trichlorophenol
 Concen: 50.691 ng
 RT: 9.063 min Scan# 1186
 Delta R.T. 0.000 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

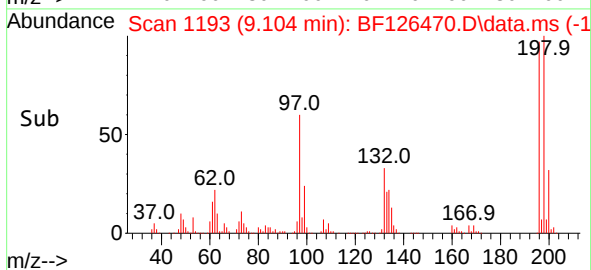
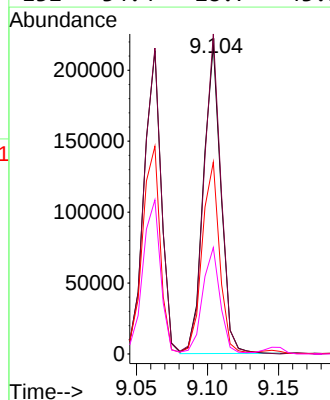
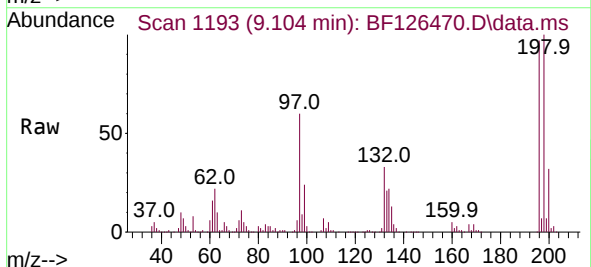
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MS

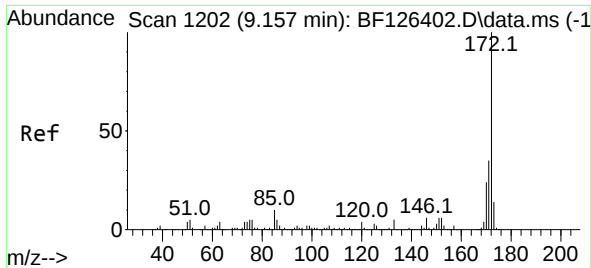
Tgt Ion:196 Resp: 181447
 Ion Ratio Lower Upper
 196 100
 198 100.8 78.5 117.7
 200 33.2 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 48.593 ng
 RT: 9.104 min Scan# 1193
 Delta R.T. 0.006 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

Tgt Ion:196 Resp: 187224
 Ion Ratio Lower Upper
 196 100
 198 103.5 82.0 123.0
 97 62.1 53.5 80.3
 132 34.4 28.7 43.1

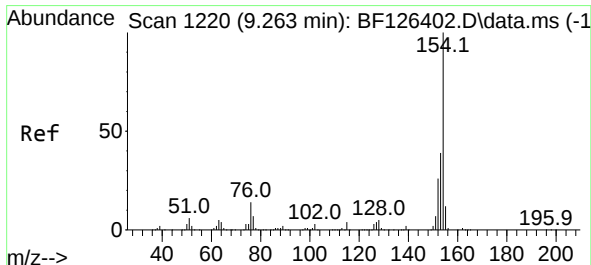
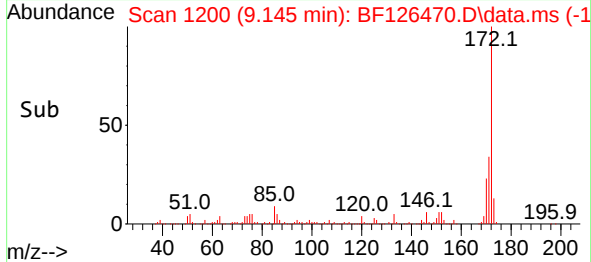
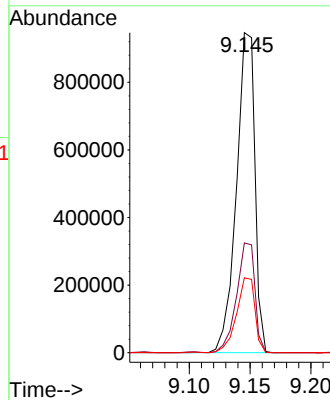
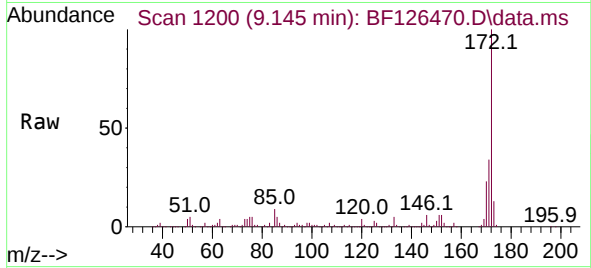




#45
2-Fluorobiphenyl
Concen: 79.143 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

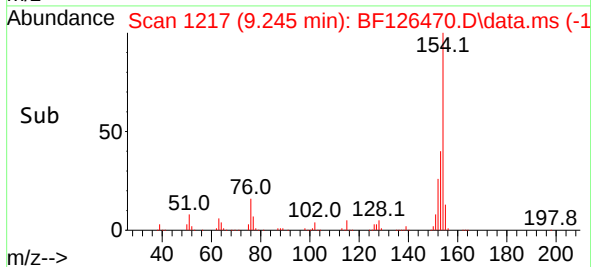
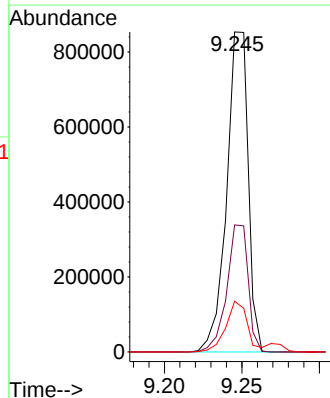
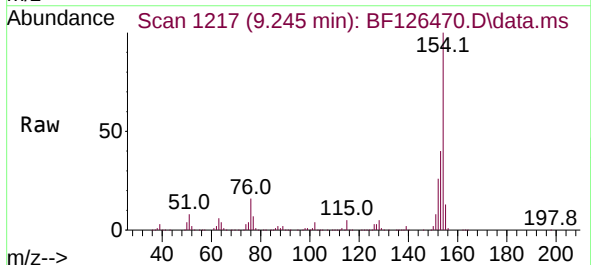
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

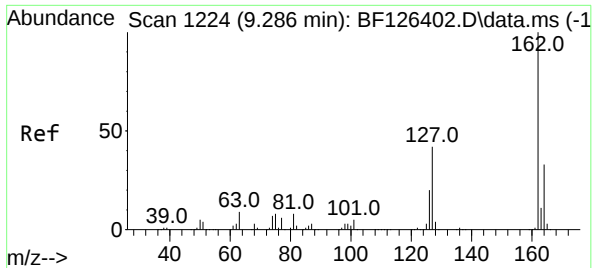
Tgt Ion:172 Resp: 1001763
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 23.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 50.457 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:154 Resp: 824291
Ion Ratio Lower Upper
154 100
153 39.7 19.0 59.0
76 15.9 0.0 34.5

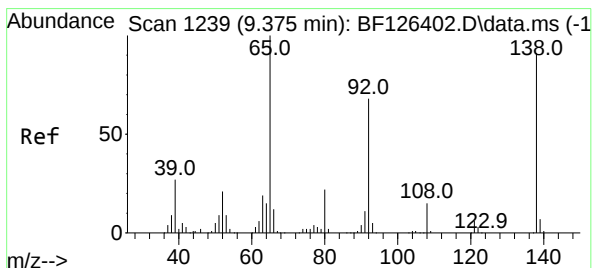
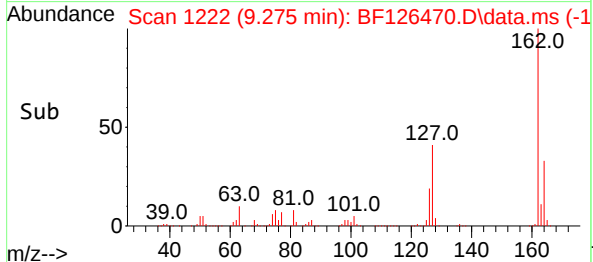
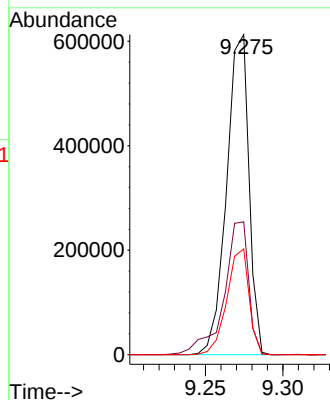
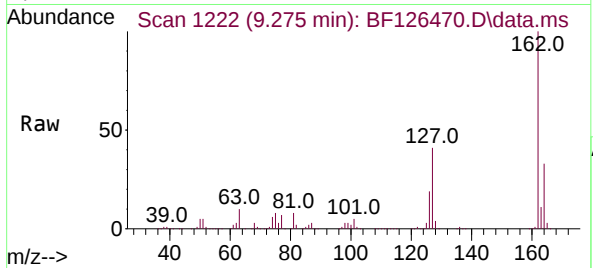




#47
2-Chloronaphthalene
Concen: 49.736 ng
RT: 9.275 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

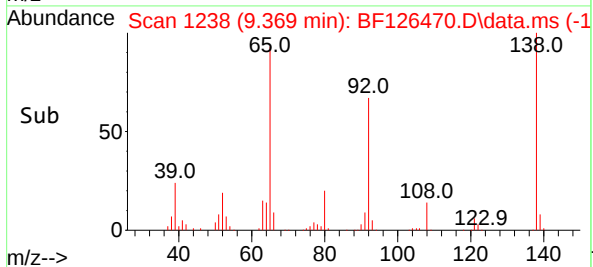
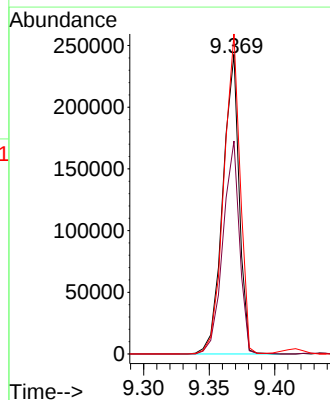
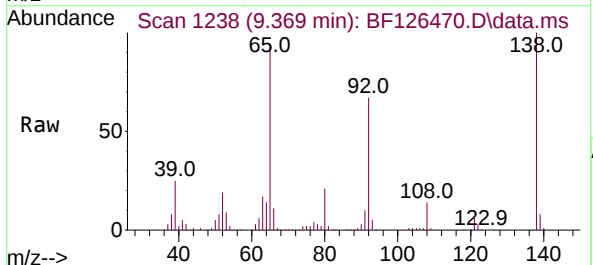
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

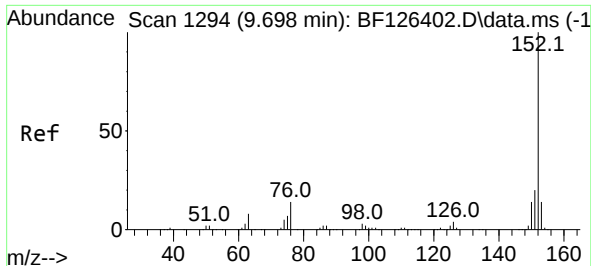
Tgt Ion:162 Resp: 615427
Ion Ratio Lower Upper
162 100
127 41.5 33.5 50.3
164 33.1 26.2 39.4



#48
2-Nitroaniline
Concen: 42.072 ng
RT: 9.369 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion: 65 Resp: 210219
Ion Ratio Lower Upper
65 100
92 71.1 54.4 81.6
138 106.8 72.5 108.7

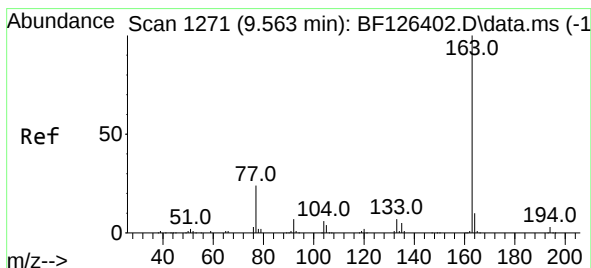
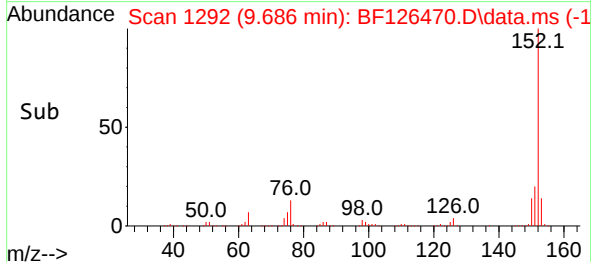
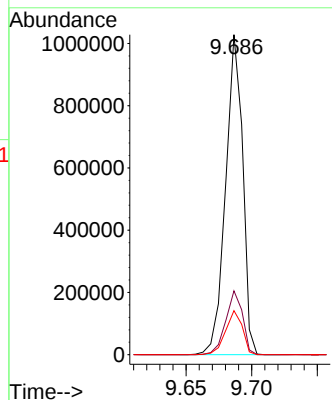
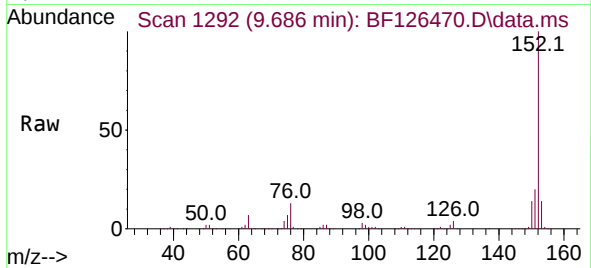




#49
Acenaphthylene
Concen: 49.450 ng
RT: 9.686 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

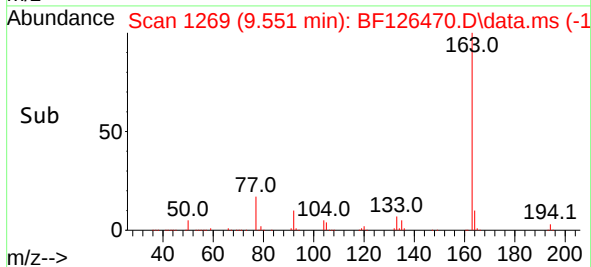
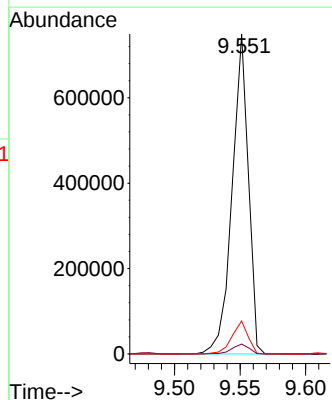
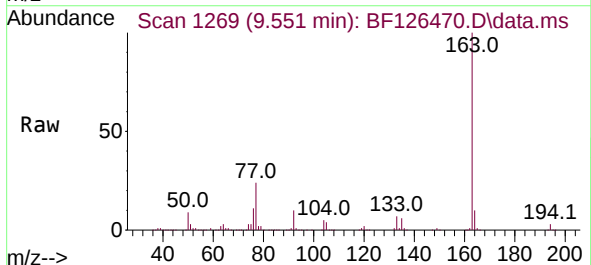
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

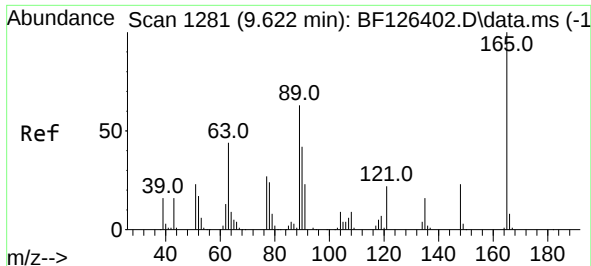
Tgt Ion:152 Resp: 928019
Ion Ratio Lower Upper
152 100
151 20.0 15.7 23.5
153 13.8 11.4 17.0



#50
Dimethylphthalate
Concen: 46.366 ng
RT: 9.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:163 Resp: 644728
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.3 7.8 11.8

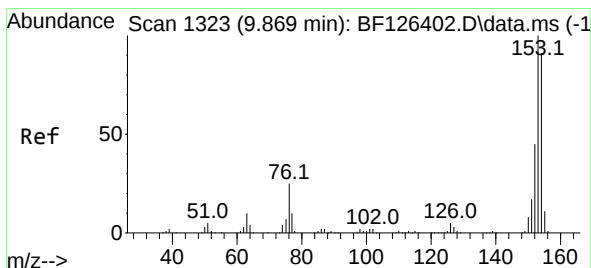
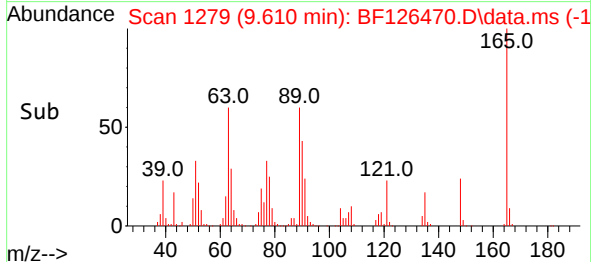
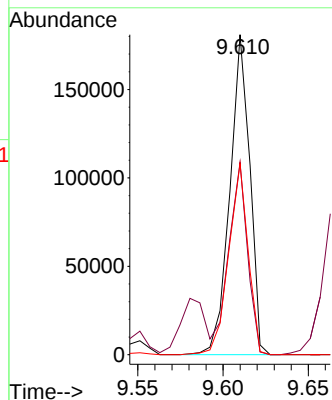
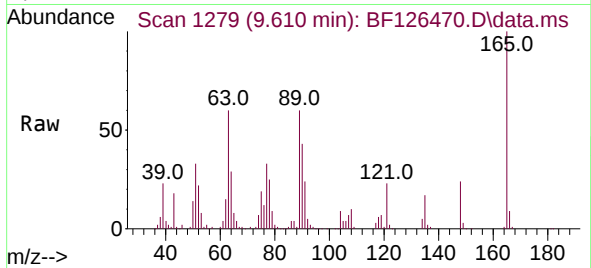




#51
2,6-Dinitrotoluene
Concen: 48.961 ng
RT: 9.610 min Scan# 1279
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

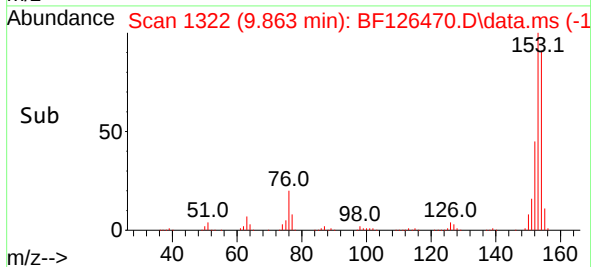
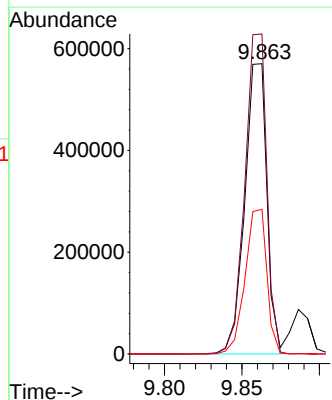
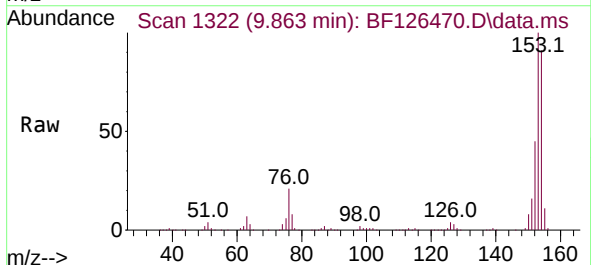
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

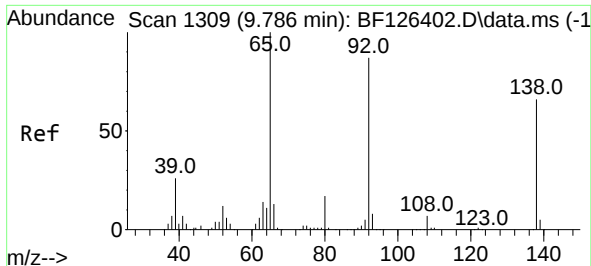
Tgt Ion:165 Resp: 147029
Ion Ratio Lower Upper
165 100
63 60.1 48.4 72.6
89 59.8 50.5 75.7



#52
Acenaphthene
Concen: 46.013 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:154 Resp: 566117
Ion Ratio Lower Upper
154 100
153 110.3 87.8 131.6
152 49.8 39.4 59.2

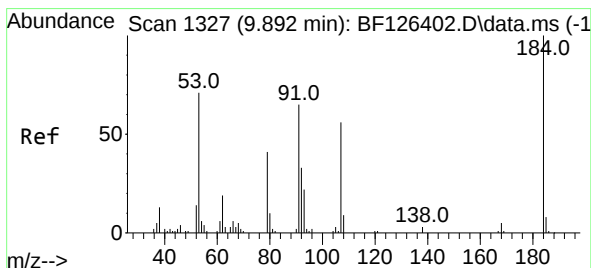
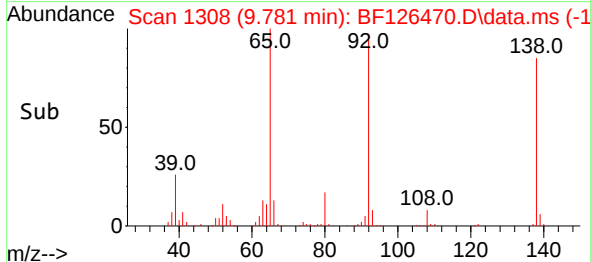
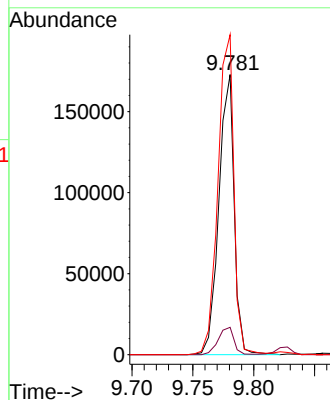
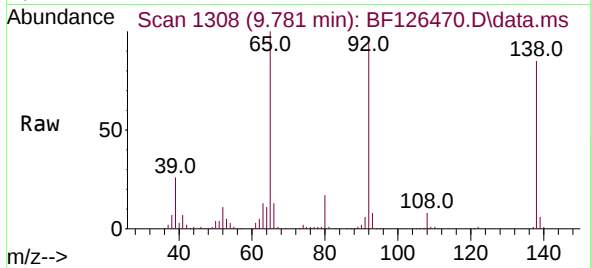




#53
3-Nitroaniline
Concen: 36.819 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

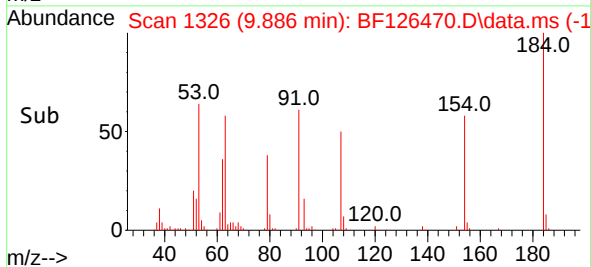
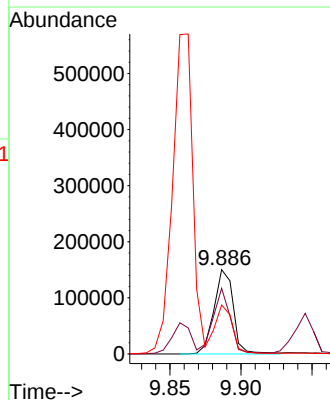
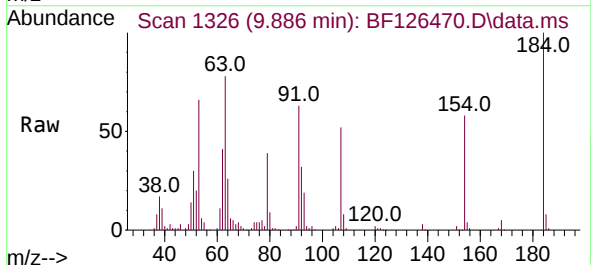
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

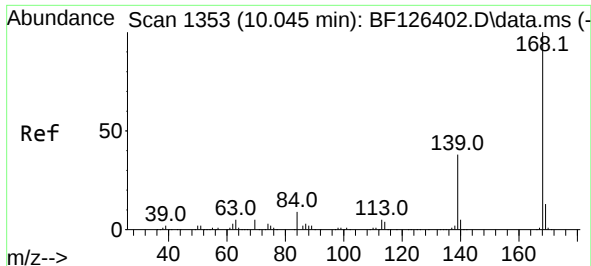
Tgt Ion:138 Resp: 151599
Ion Ratio Lower Upper
138 100
108 9.7 8.6 13.0
92 114.2 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 91.806 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:184 Resp: 142636
Ion Ratio Lower Upper
184 100
63 77.9 70.4 105.6
154 58.2 49.7 74.5

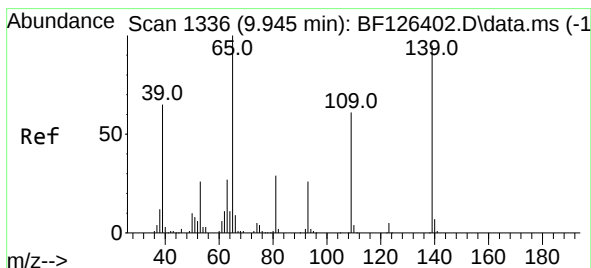
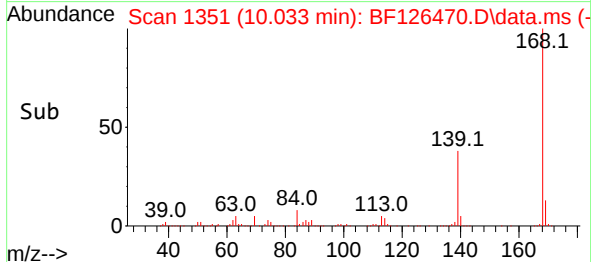
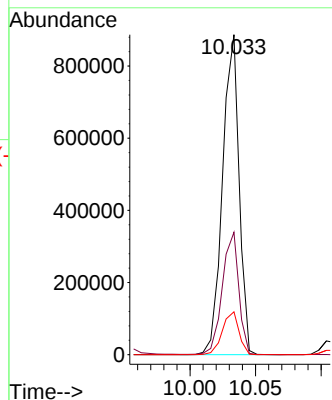
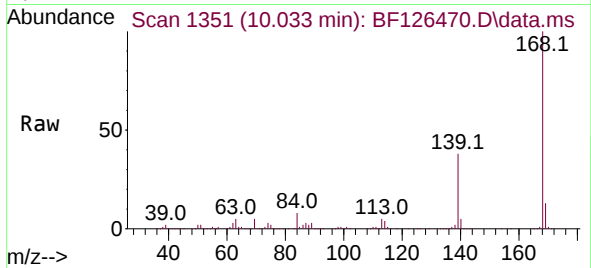




#55
Dibenzenofuran
Concen: 46.671 ng
RT: 10.033 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

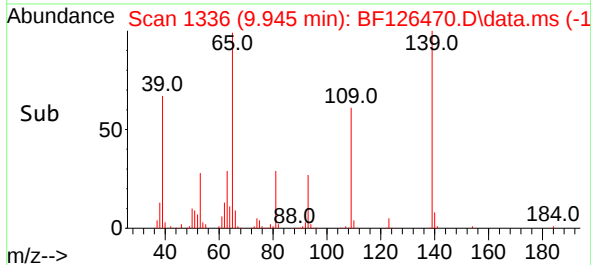
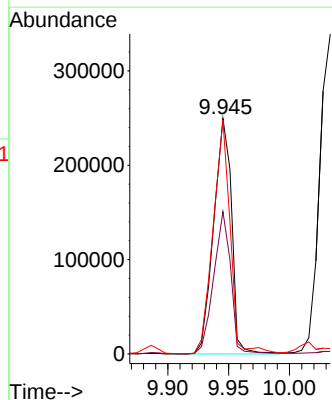
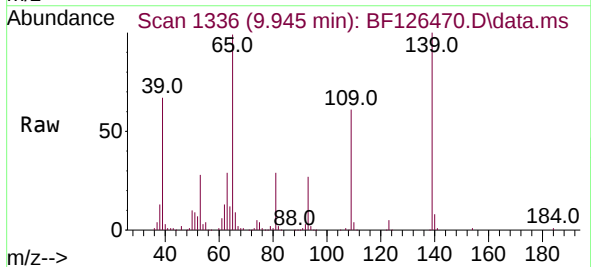
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

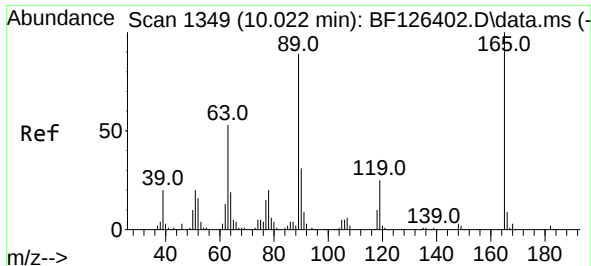
Tgt Ion:168 Resp: 776249
Ion Ratio Lower Upper
168 100
139 38.2 30.6 46.0
169 13.4 10.0 15.0



#56
4-Nitrophenol
Concen: 87.214 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

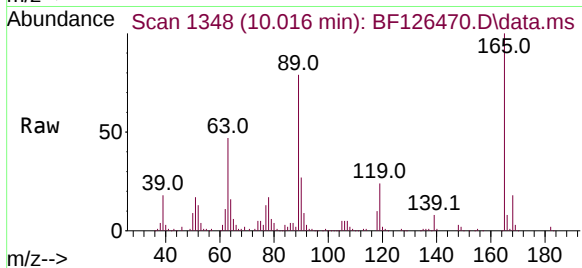
Tgt Ion:139 Resp: 255385
Ion Ratio Lower Upper
139 100
109 60.5 44.1 84.1
65 99.4 85.5 125.5



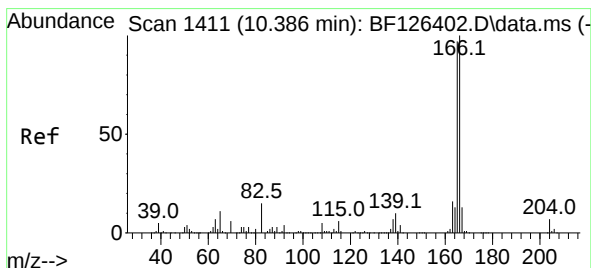
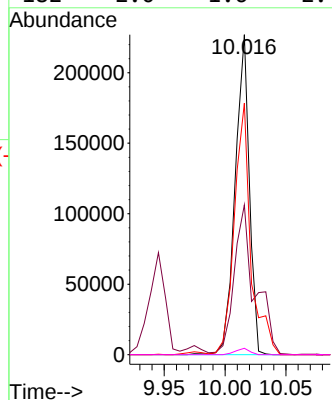
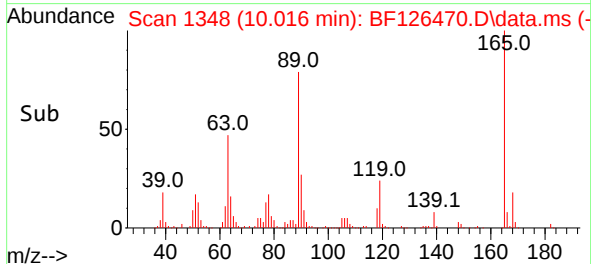


#57
2,4-Dinitrotoluene
Concen: 47.557 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

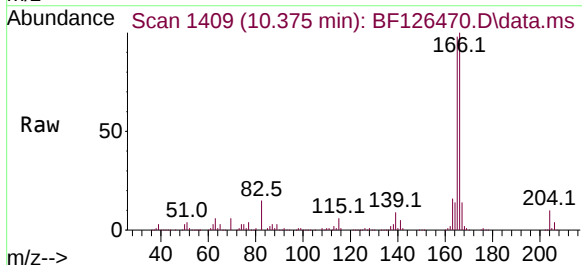
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS



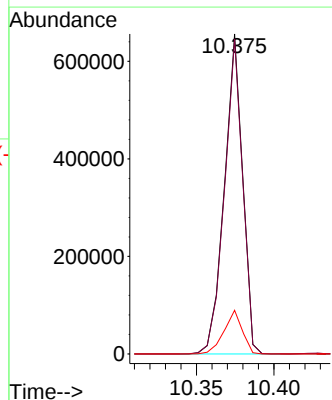
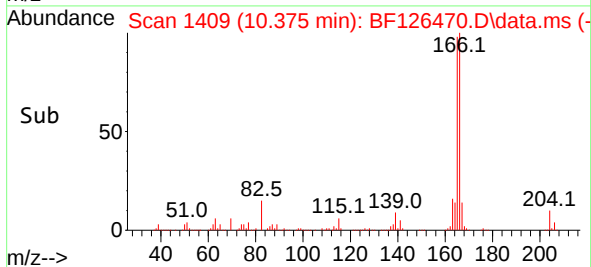
Tgt Ion:165 Resp: 184254
Ion Ratio Lower Upper
165 100
63 46.8 43.0 64.6
89 78.6 71.0 106.4
182 2.0 1.6 2.4

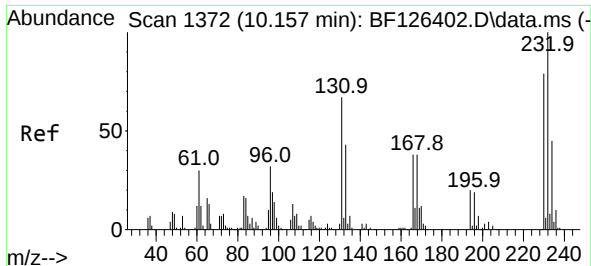


#58
Fluorene
Concen: 45.630 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27



Tgt Ion:166 Resp: 536606
Ion Ratio Lower Upper
166 100
165 98.4 77.7 116.5
167 13.7 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 47.807 ng

RT: 10.151 min Scan# 1372

Delta R.T. 0.000 min

Lab File: BF126470.D

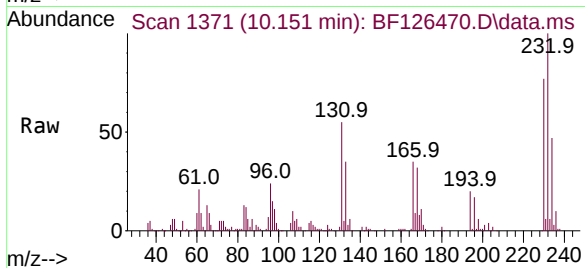
Acq: 4 Jan 2022 16:27

Instrument :

BNA_F

ClientSampleId :

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



Tgt Ion:232 Resp: 132207

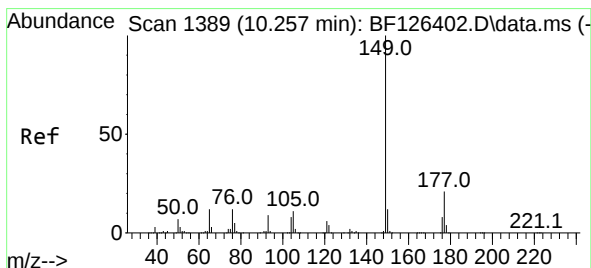
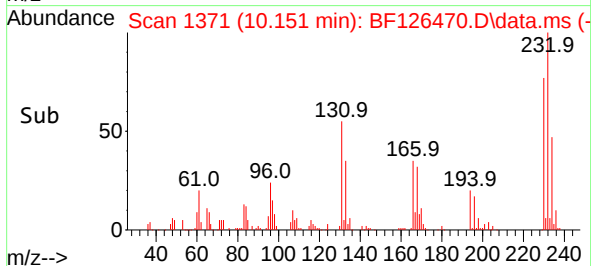
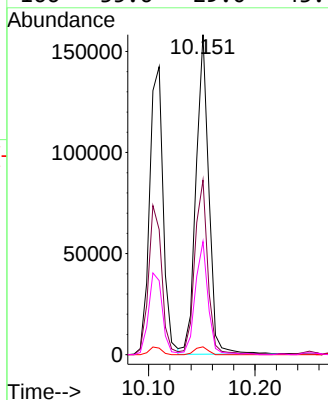
Ion Ratio Lower Upper

232 100

131 55.7 50.0 75.0

130 2.5 2.2 3.2

166 35.6 29.0 43.4



#60

Diethylphthalate

Concen: 45.523 ng

RT: 10.251 min Scan# 1388

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

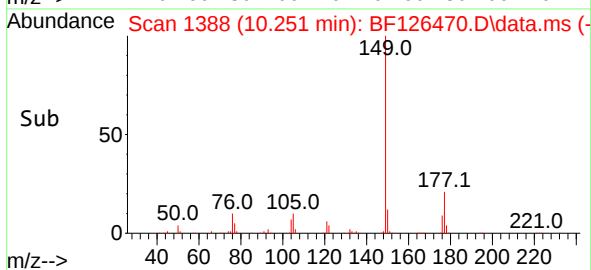
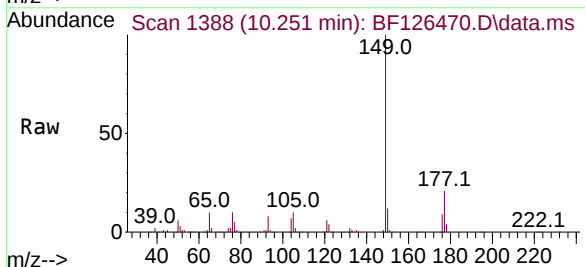
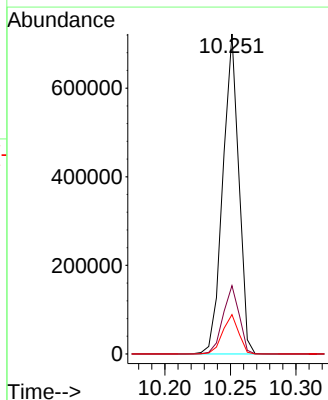
Tgt Ion:149 Resp: 610055

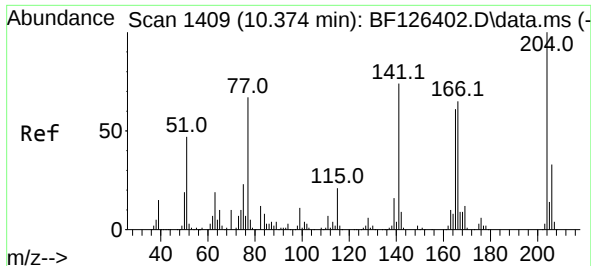
Ion Ratio Lower Upper

149 100

177 21.4 16.7 25.1

150 12.3 9.8 14.8

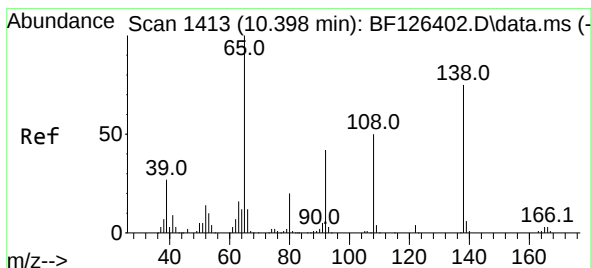
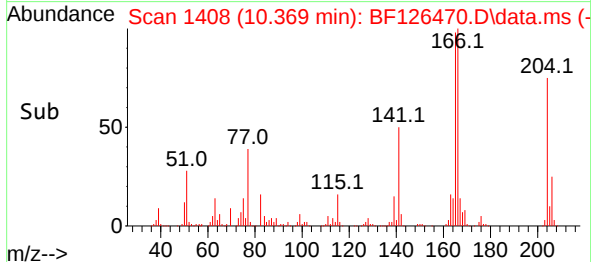
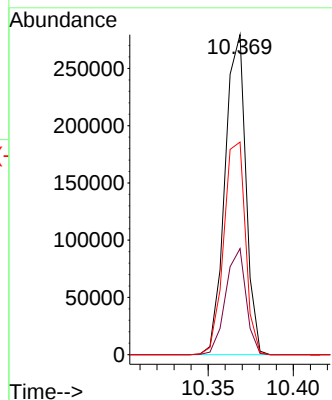
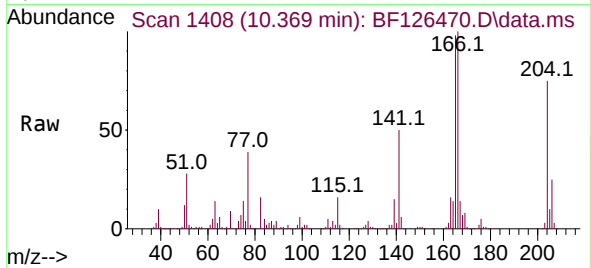




#61
4-Chlorophenyl-phenylether
Concen: 46.509 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

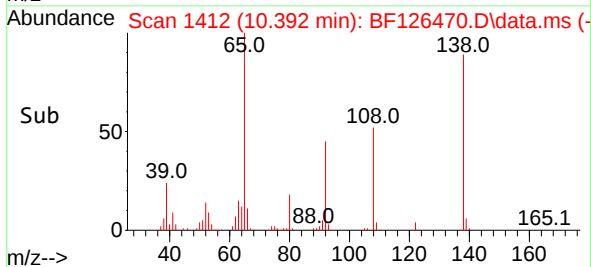
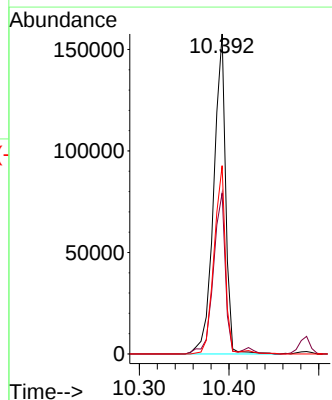
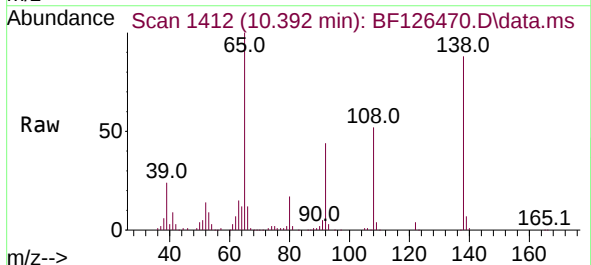
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

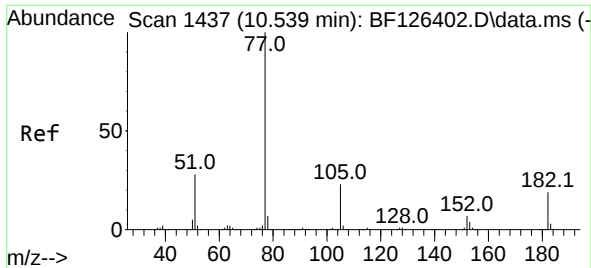
Tgt Ion:204 Resp: 238681
Ion Ratio Lower Upper
204 100
206 33.2 26.3 39.5
141 66.5 59.0 88.6



#62
4-Nitroaniline
Concen: 37.603 ng
RT: 10.392 min Scan# 1412
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:138 Resp: 145817
Ion Ratio Lower Upper
138 100
92 50.2 36.2 76.2
108 58.9 46.7 86.7

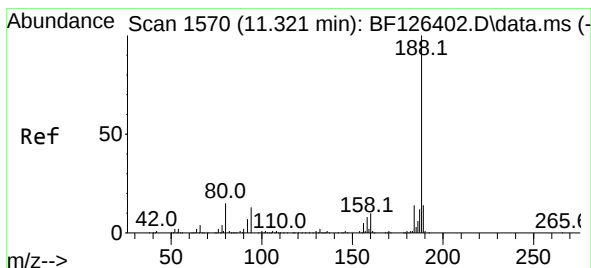
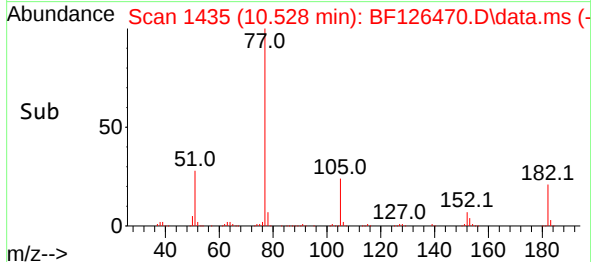
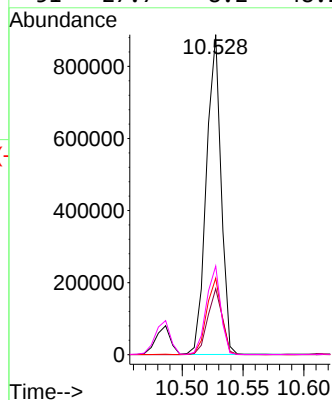
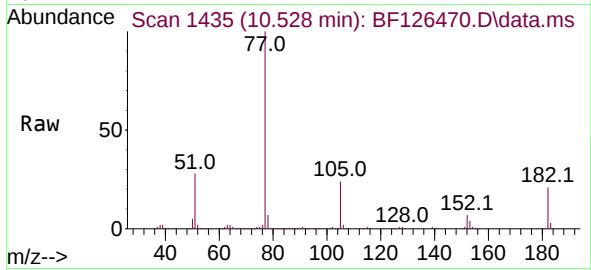




#63
Azobenzene
Concen: 42.959 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

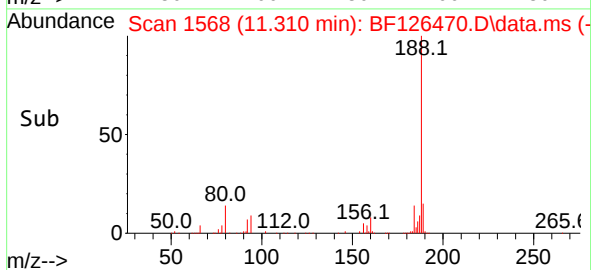
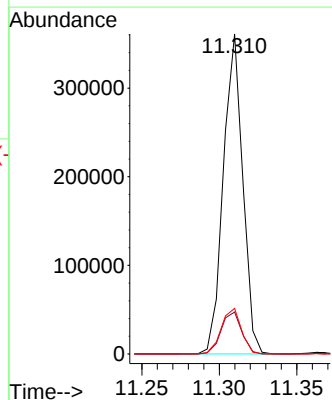
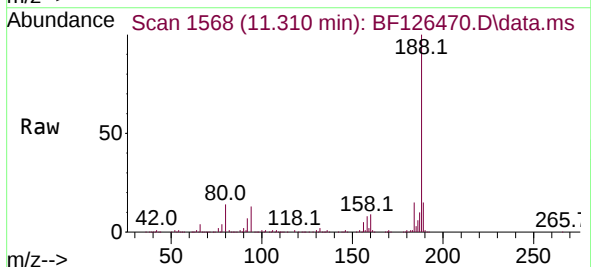
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

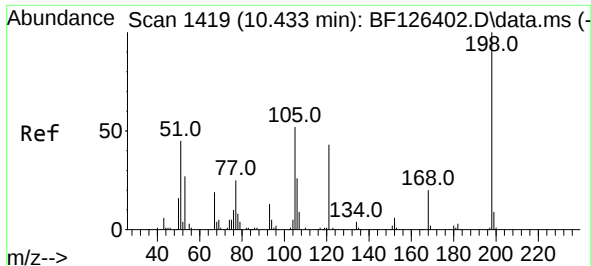
Tgt Ion: 77	Resp: 741534
Ion Ratio	Lower Upper
77 100	
182 20.6	0.0 39.0
105 23.9	3.2 43.2
51 27.7	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:188	Resp: 314106		
Ion Ratio	Lower	Upper	
188 100			
94 13.1	10.1	15.1	
80 14.3	11.8	17.6	

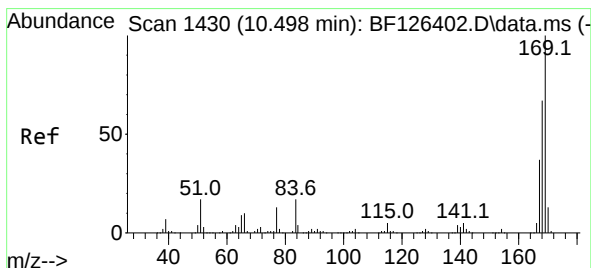
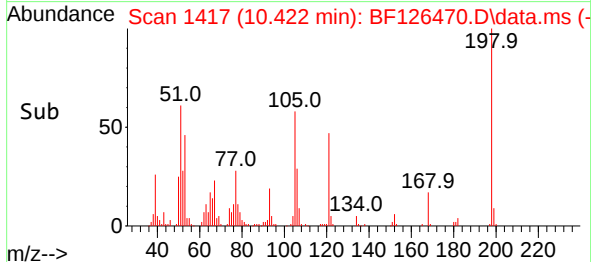
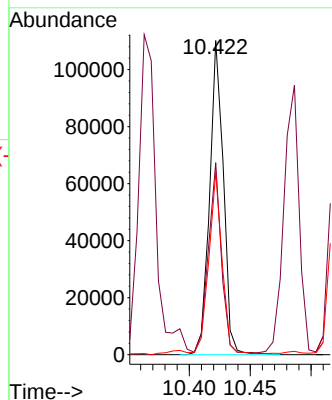
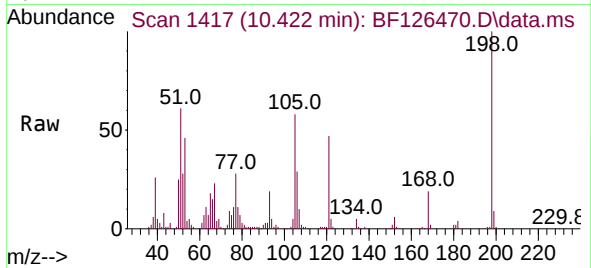




#65
4,6-Dinitro-2-methylphenol
Concen: 50.883 ng
RT: 10.422 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

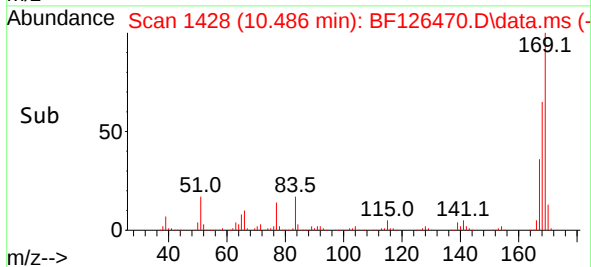
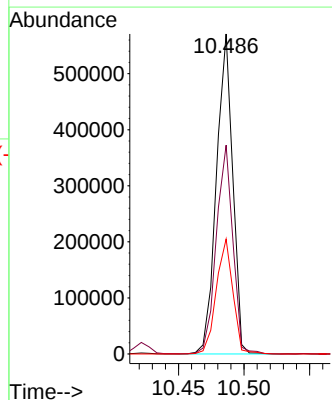
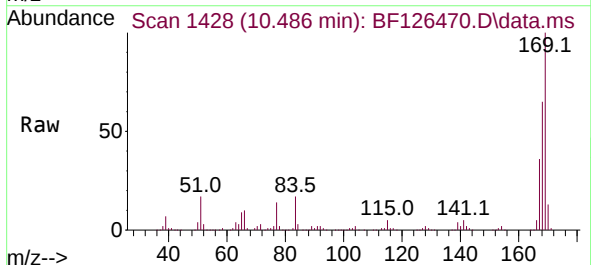
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

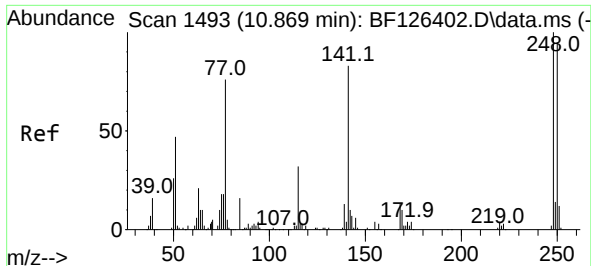
Tgt Ion:198 Resp: 86551
Ion Ratio Lower Upper
198 100
51 61.1 32.0 72.0
105 58.2 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 50.576 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:169 Resp: 492873
Ion Ratio Lower Upper
169 100
168 65.3 53.4 80.0
167 35.9 29.4 44.0

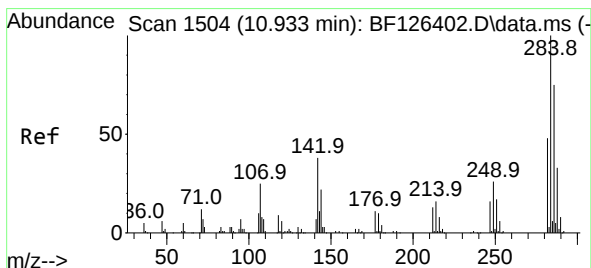
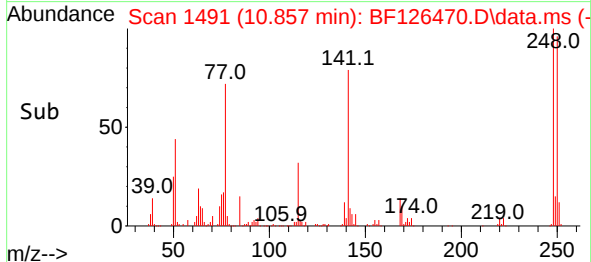
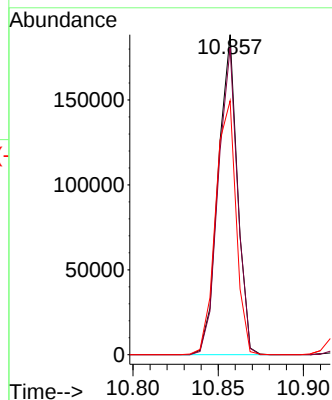
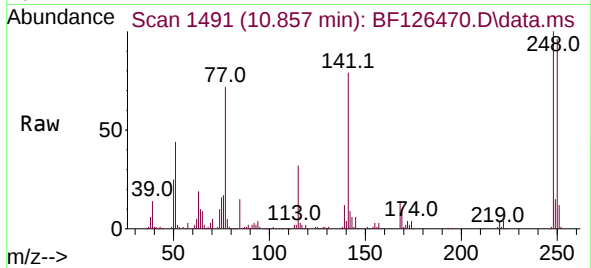




#67
4-Bromophenyl-phenylether
Concen: 53.030 ng
RT: 10.857 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

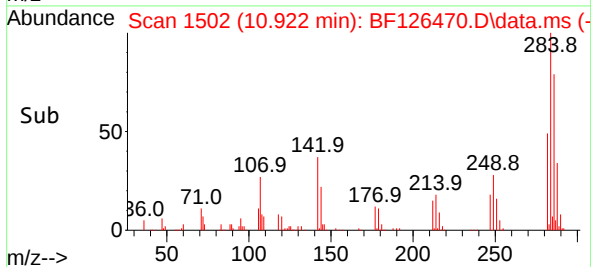
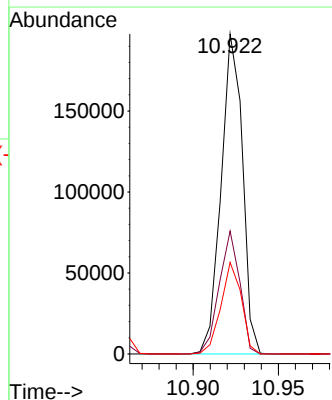
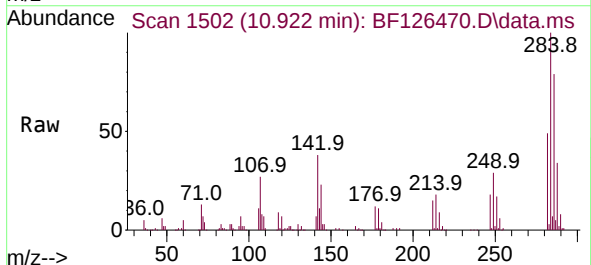
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

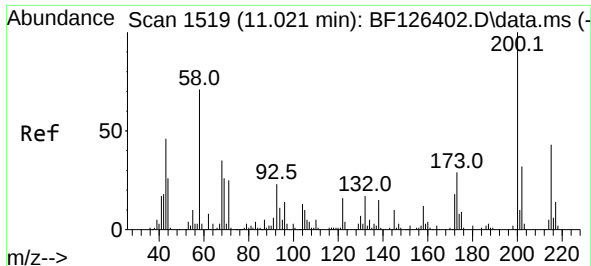
Tgt Ion:248 Resp: 147847
Ion Ratio Lower Upper
248 100
250 95.9 76.2 114.4
141 79.4 66.2 99.4



#68
Hexachlorobenzene
Concen: 53.057 ng
RT: 10.922 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:284 Resp: 172064
Ion Ratio Lower Upper
284 100
142 38.4 30.7 46.1
249 28.6 21.1 31.7

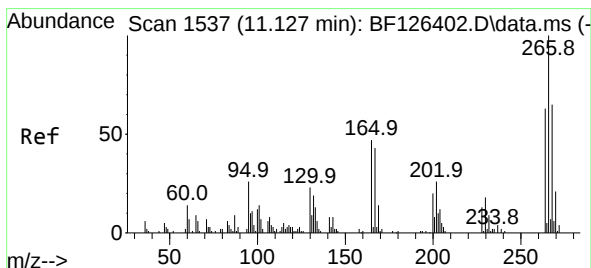
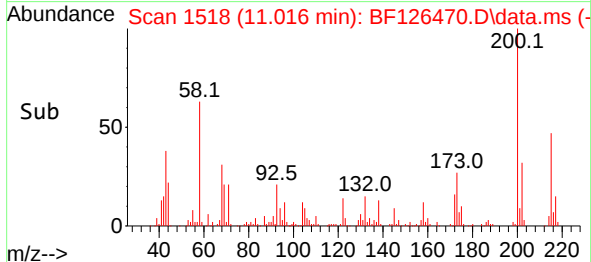
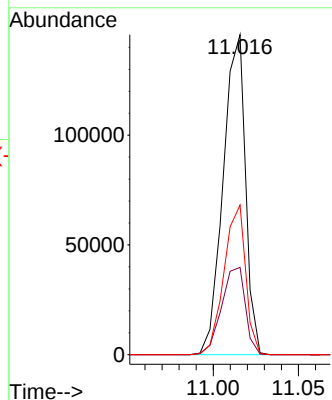
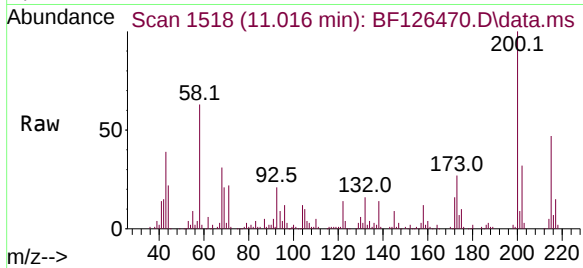




#69
 Atrazine
 Concen: 79.090 ng
 RT: 11.016 min Scan# 1518
 Delta R.T. 0.006 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

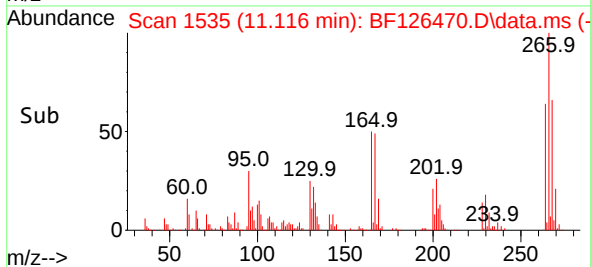
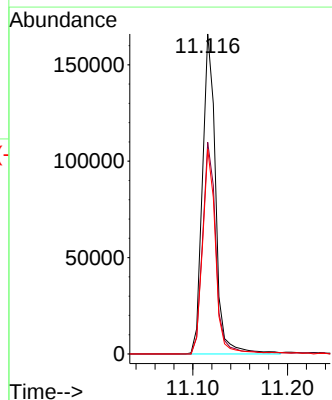
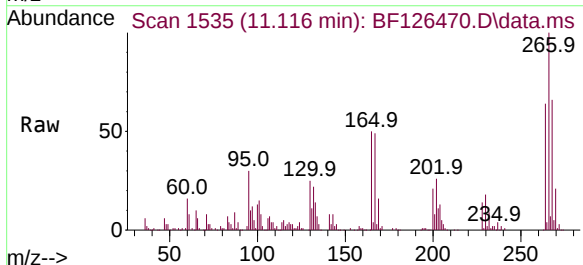
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MS

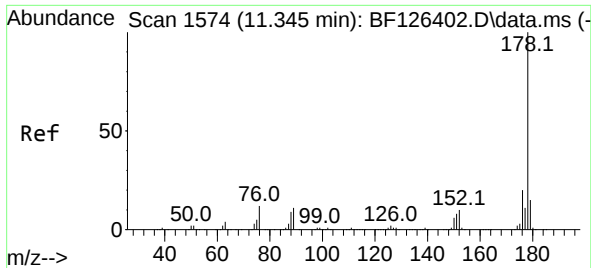
Tgt Ion:200 Resp: 132717
 Ion Ratio Lower Upper
 200 100
 173 27.3 9.2 49.2
 215 46.8 23.2 63.2



#70
 Pentachlorophenol
 Concen: 102.089 ng
 RT: 11.116 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

Tgt Ion:266 Resp: 160912
 Ion Ratio Lower Upper
 266 100
 268 66.2 52.3 78.5
 264 64.0 50.4 75.6

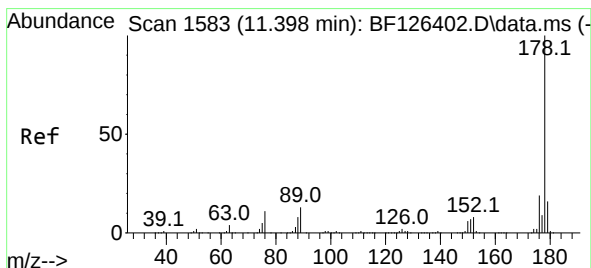
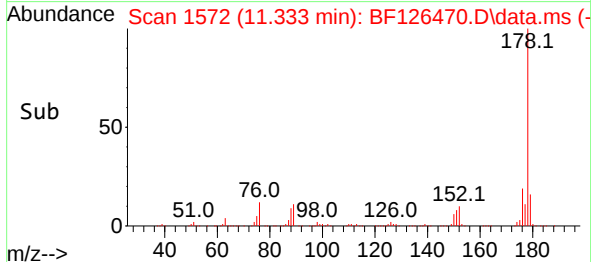
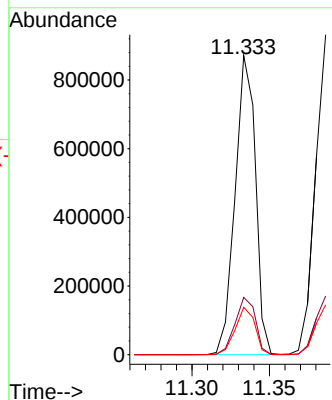
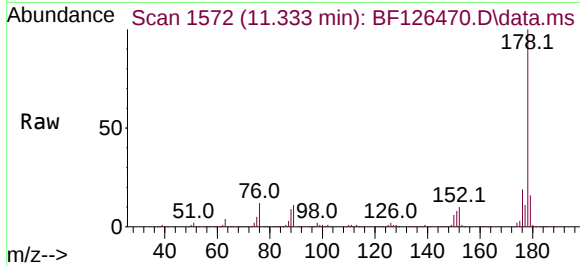




#71
Phenanthrene
Concen: 49.576 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

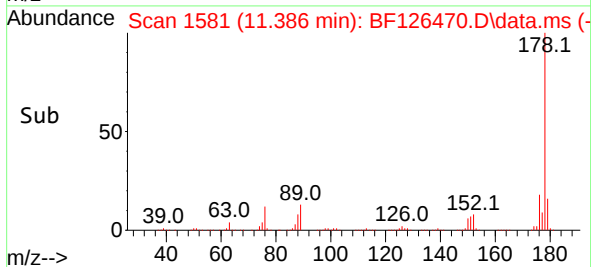
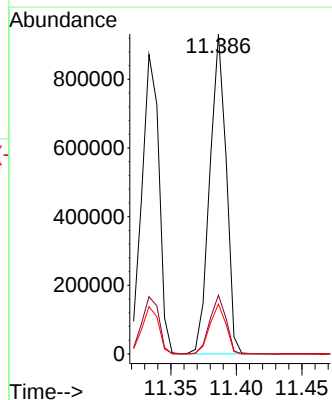
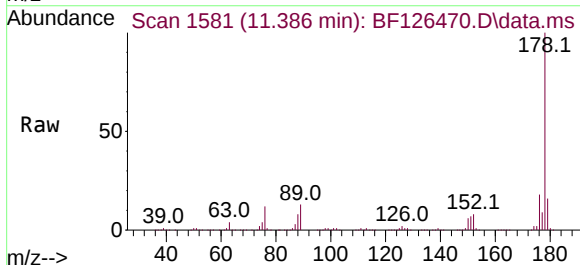
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

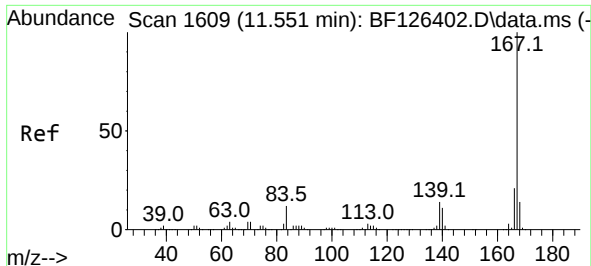
Tgt Ion:178 Resp: 796118
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.8 12.3 18.5



#72
Anthracene
Concen: 50.458 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

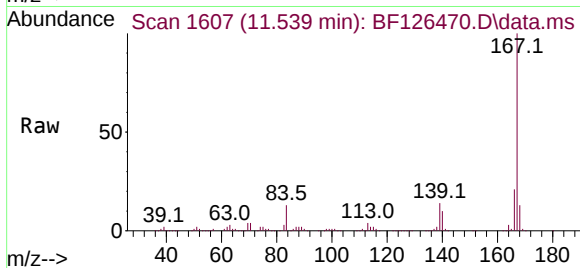
Tgt Ion:178 Resp: 810779
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.6 12.5 18.7



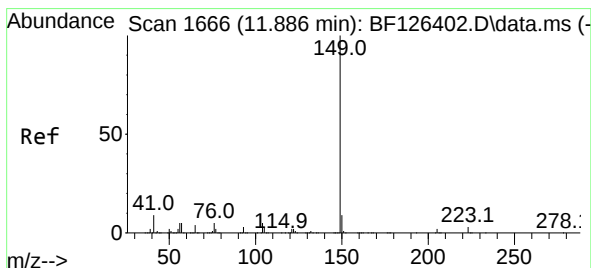
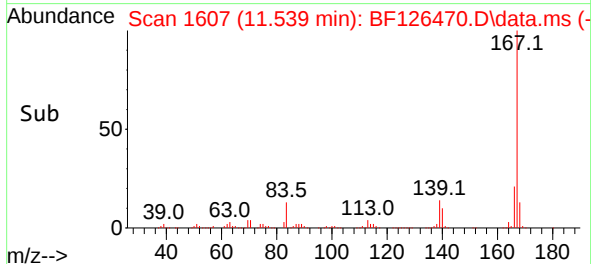
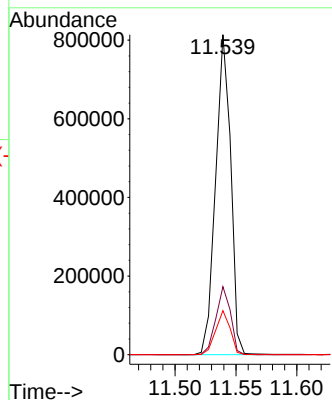


#73
Carbazole
Concen: 44.657 ng
RT: 11.539 min Scan# 1607
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

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

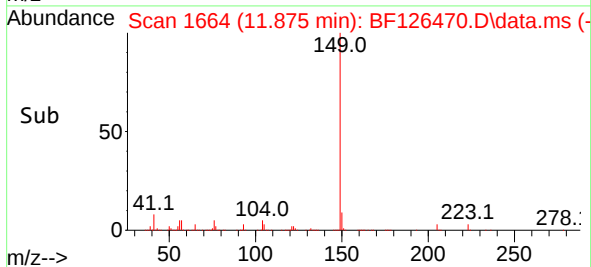
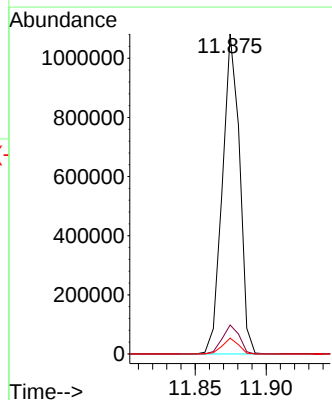
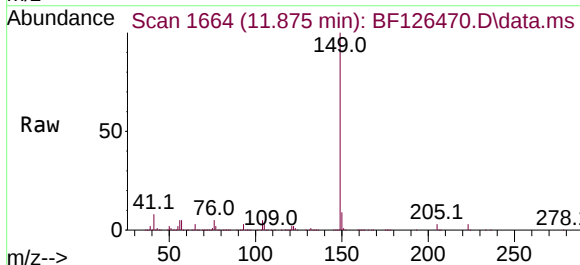


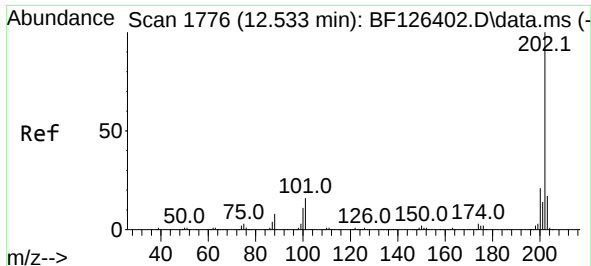
Tgt Ion:167 Resp: 702663
Ion Ratio Lower Upper
167 100
166 21.2 16.9 25.3
139 13.8 11.3 16.9



#74
Di-n-butylphthalate
Concen: 50.659 ng
RT: 11.875 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:149 Resp: 907485
Ion Ratio Lower Upper
149 100
150 9.0 7.2 10.8
104 4.9 4.2 6.2

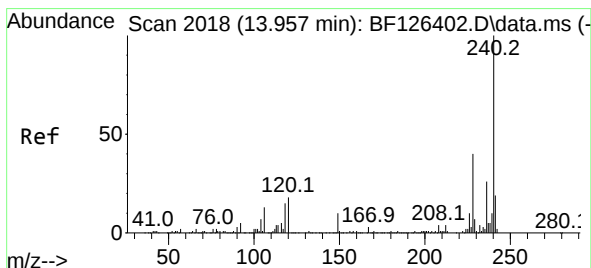
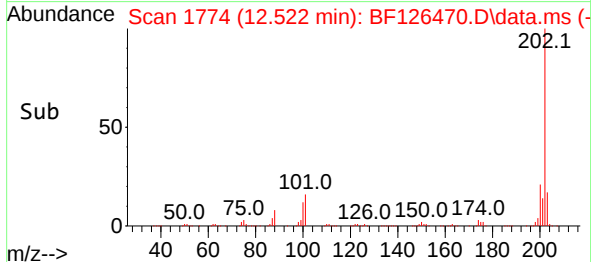
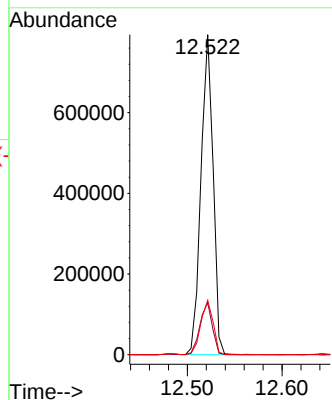
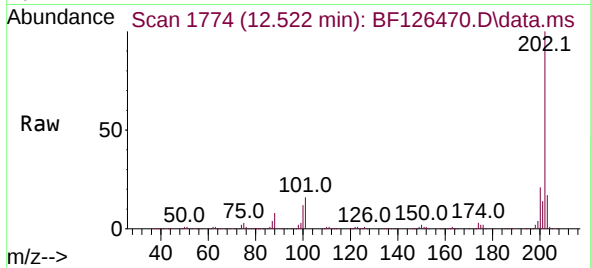




#75
Fluoranthene
Concen: 48.297 ng
RT: 12.522 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

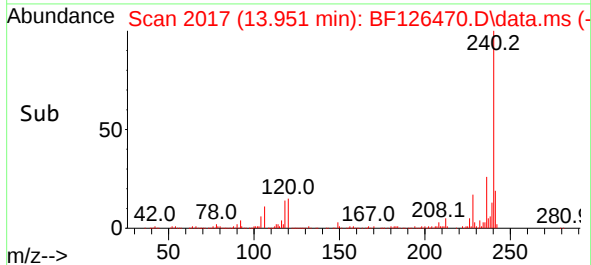
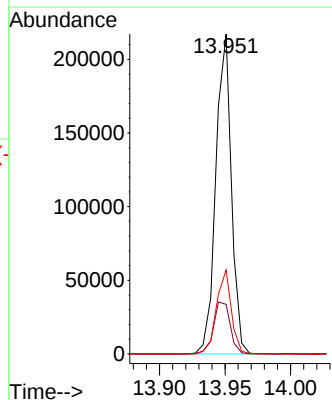
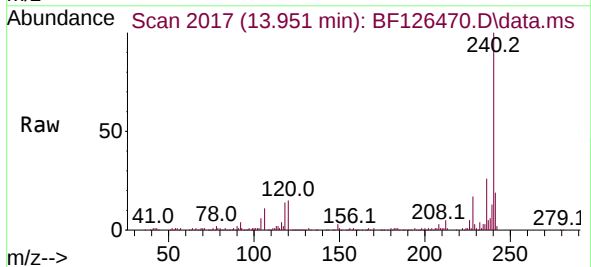
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

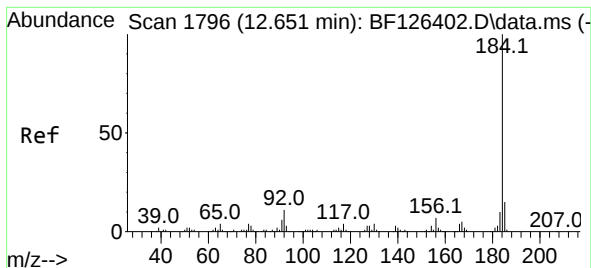
Tgt Ion:202 Resp: 707865
Ion Ratio Lower Upper
202 100
101 16.3 0.0 35.7
203 17.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:240 Resp: 178680
Ion Ratio Lower Upper
240 100
120 15.5 14.4 21.6
236 26.2 20.5 30.7





#77

Benzidine

Concen: 71.355 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126470.D

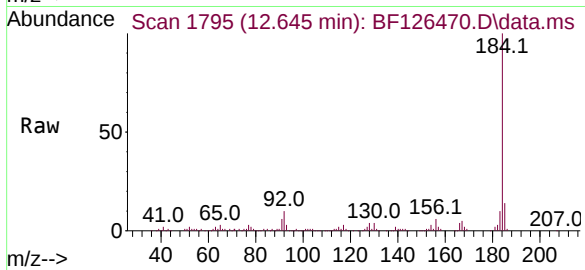
Acq: 4 Jan 2022 16:27

Instrument :

BNA_F

ClientSampleId :

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



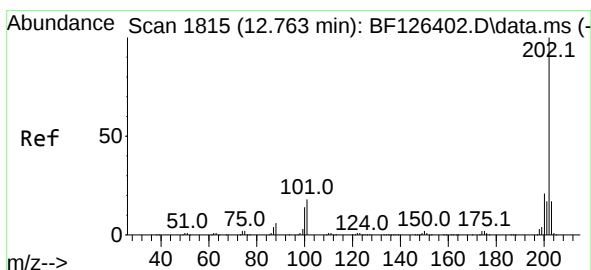
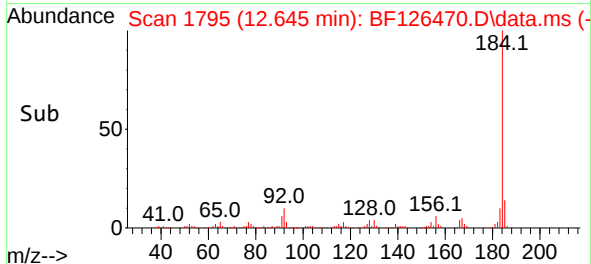
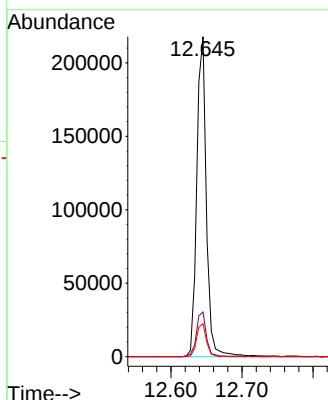
Tgt Ion:184 Resp: 205563

Ion Ratio Lower Upper

184 100

185 13.9 11.8 17.8

183 10.3 8.2 12.2



#78

Pyrene

Concen: 46.807 ng

RT: 12.751 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

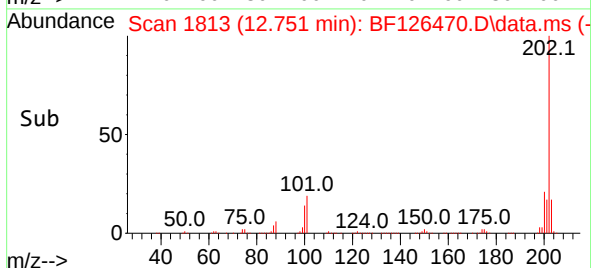
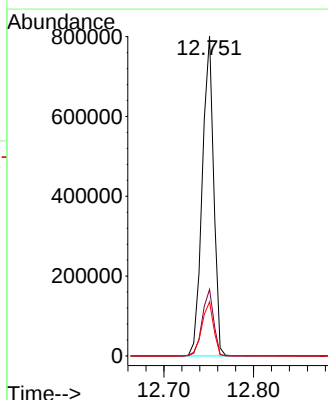
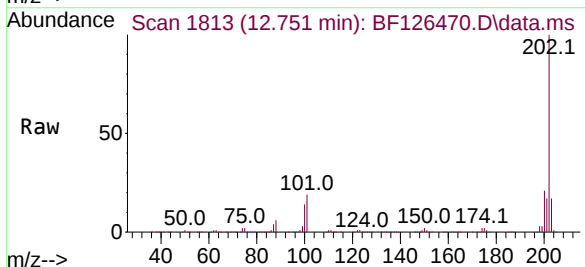
Tgt Ion:202 Resp: 706798

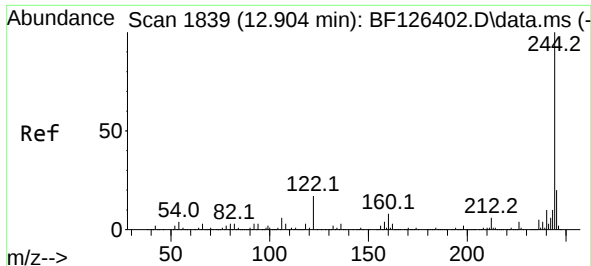
Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

203 16.9 13.8 20.8

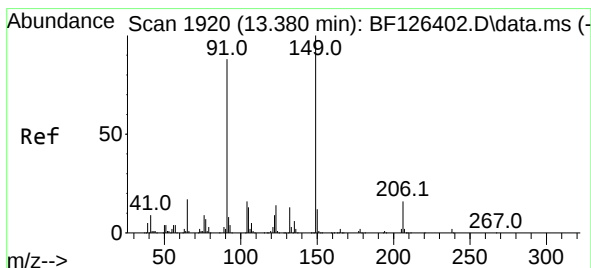
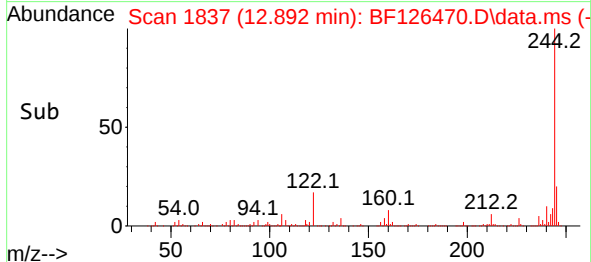
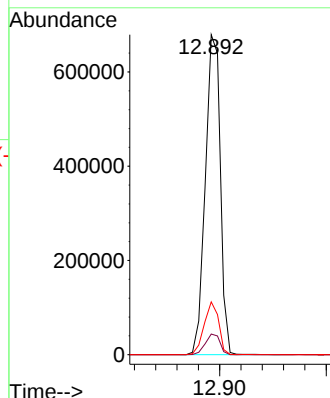
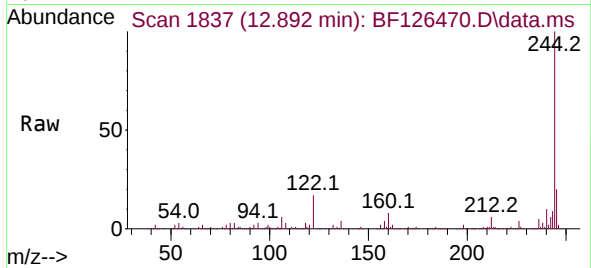




#79
 Terphenyl-d14
 Concen: 72.295 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

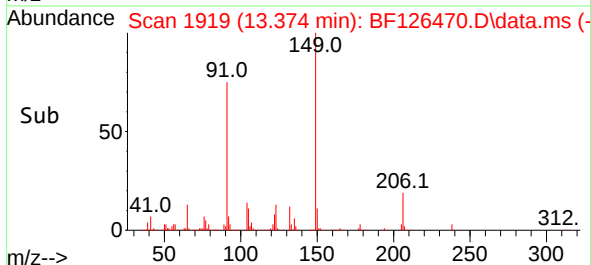
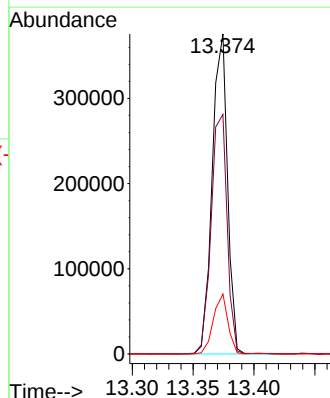
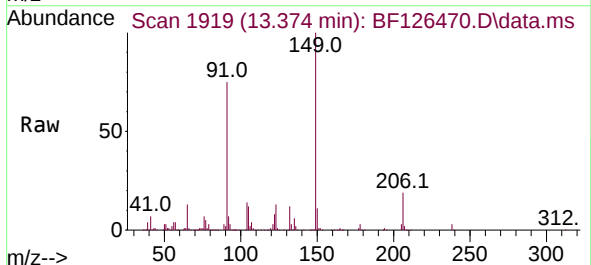
Instrument :
 BNA_F
 ClientSampleId :
 DB-19-(40-45)-12-22-21MS

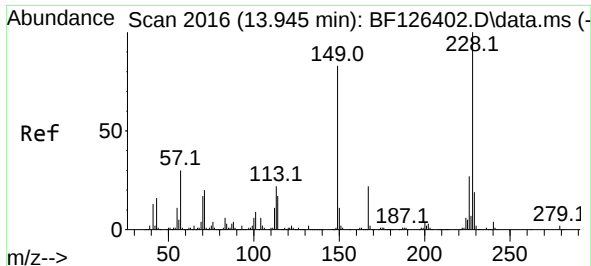
Tgt Ion:244 Resp: 664850
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 16.5 13.3 19.9



#80
 Butylbenzylphthalate
 Concen: 48.806 ng
 RT: 13.374 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF126470.D
 Acq: 4 Jan 2022 16:27

Tgt Ion:149 Resp: 326567
 Ion Ratio Lower Upper
 149 100
 91 74.9 70.5 105.7
 206 18.7 12.6 19.0

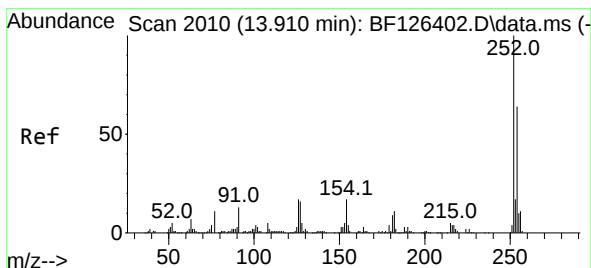
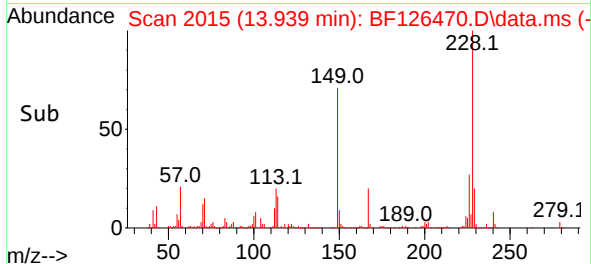
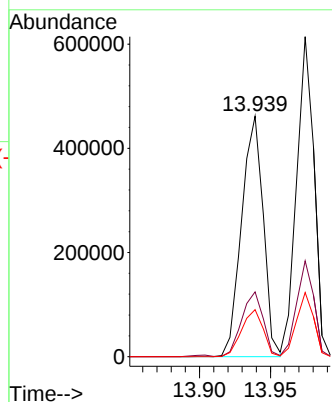
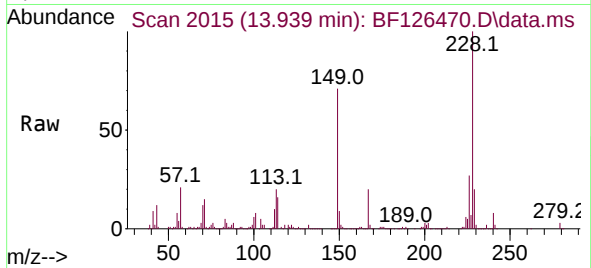




#81
Benzo(a)anthracene
Concen: 47.747 ng
RT: 13.939 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

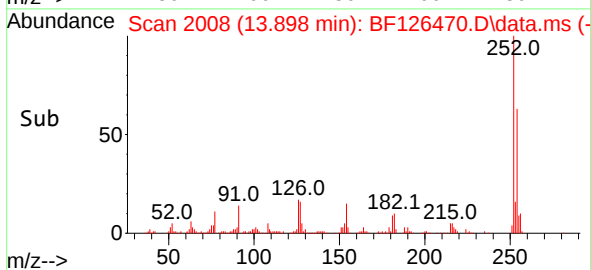
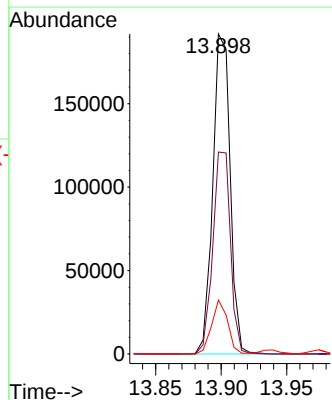
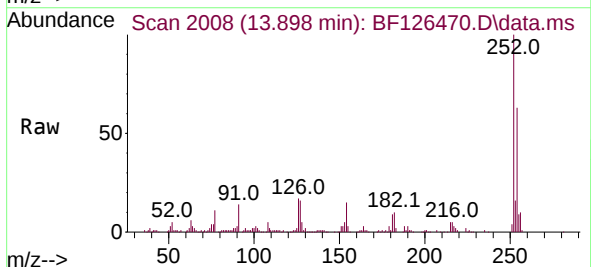
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

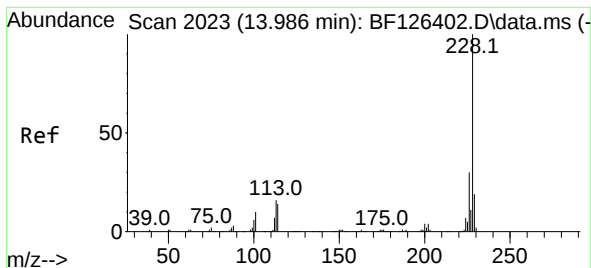
Tgt Ion:228 Resp: 490638
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.0
229 19.5 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 36.826 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:252 Resp: 176540
Ion Ratio Lower Upper
252 100
254 63.1 51.0 76.4
126 16.8 13.4 20.0





#83

Chrysene

Concen: 49.976 ng

RT: 13.974 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

Instrument :

BNA_F

ClientSampleId :

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

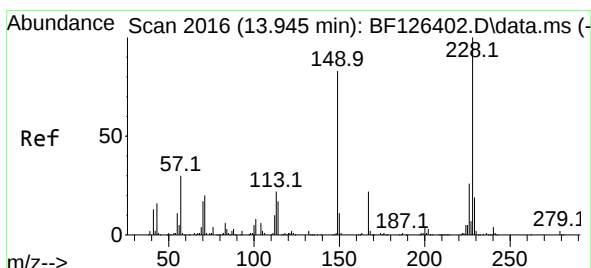
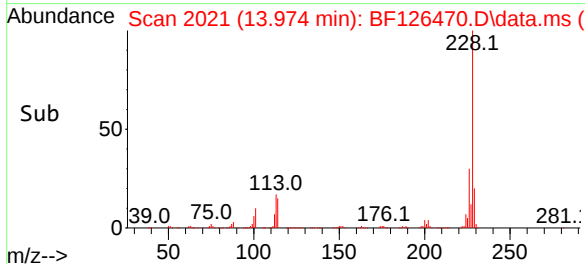
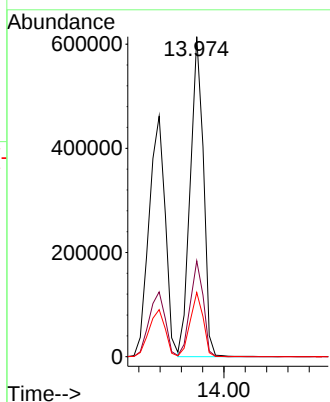
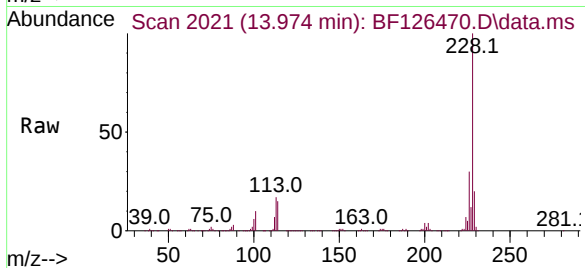
Tgt Ion:228 Resp: 526763

Ion Ratio Lower Upper

228 100

226 29.9 23.7 35.5

229 20.1 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.608 ng

RT: 13.933 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF126470.D

Acq: 4 Jan 2022 16:27

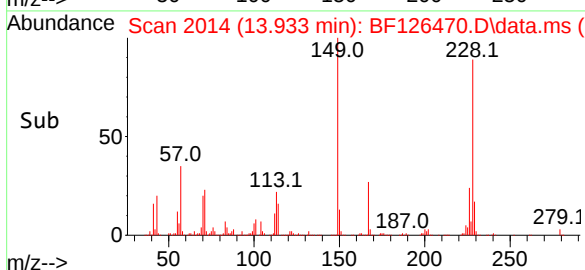
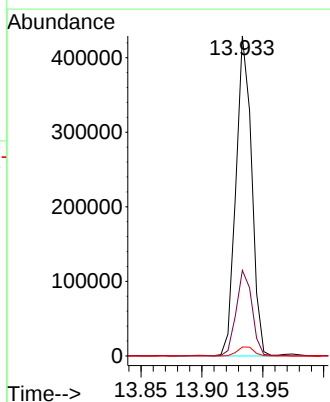
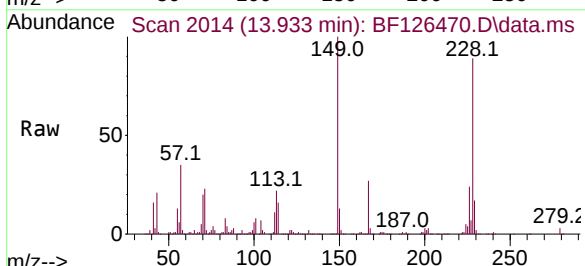
Tgt Ion:149 Resp: 385602

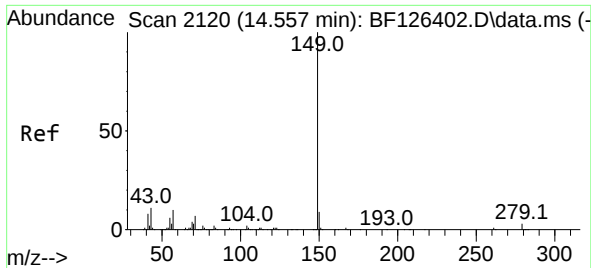
Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

279 2.8 2.4 3.6

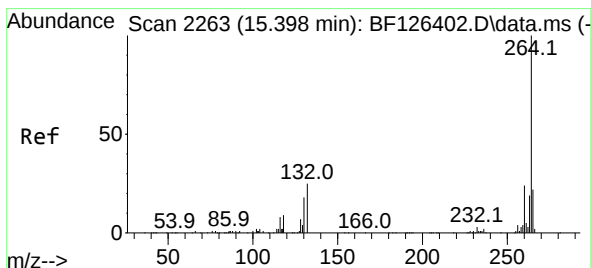
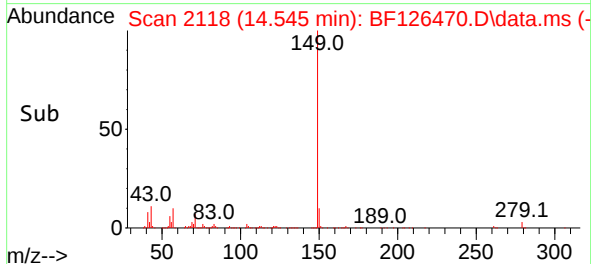
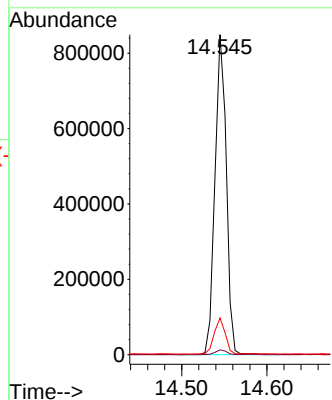
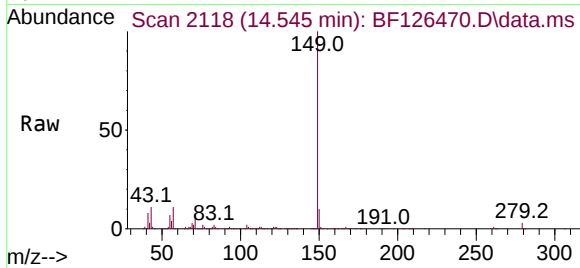




#85
Di-n-octyl phthalate
Concen: 65.351 ng
RT: 14.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

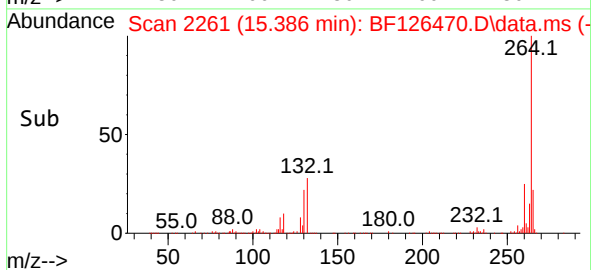
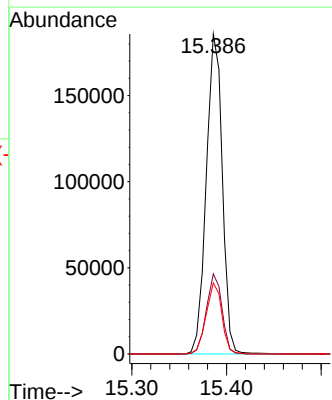
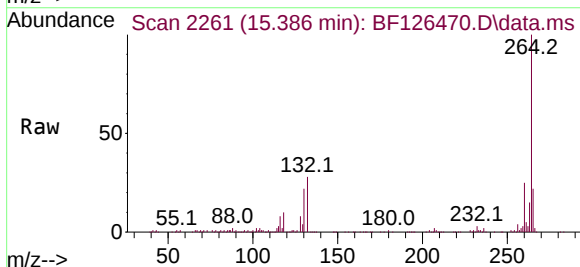
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

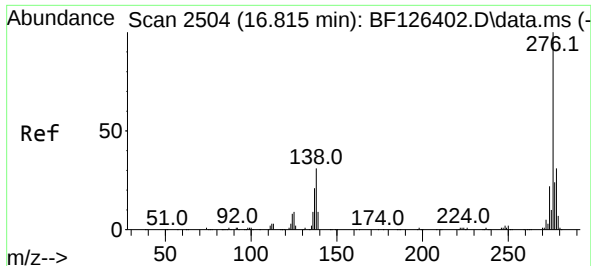
Tgt Ion:149 Resp: 785915
Ion Ratio Lower Upper
149 100
167 1.5 1.1 1.7
43 10.9 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:264 Resp: 218361
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 22.2 17.4 26.2

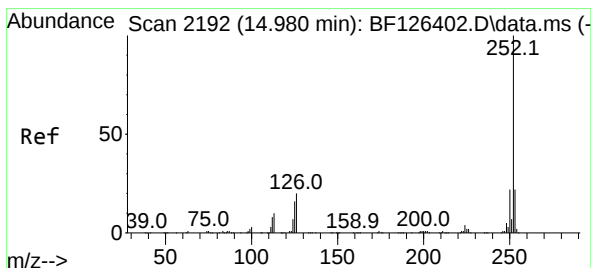
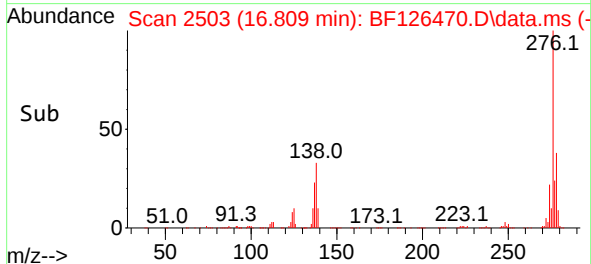
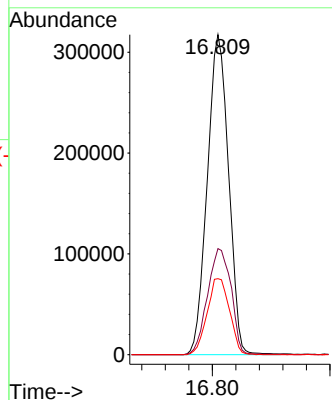
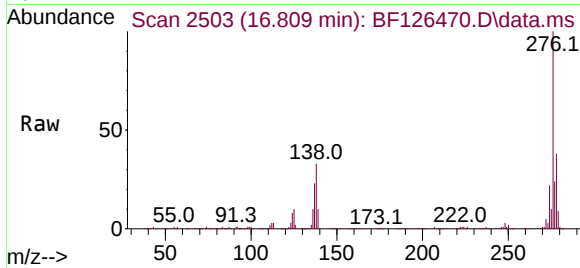




#87
Indeno(1,2,3-cd)pyrene
Concen: 54.554 ng
RT: 16.809 min Scan# 2190
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

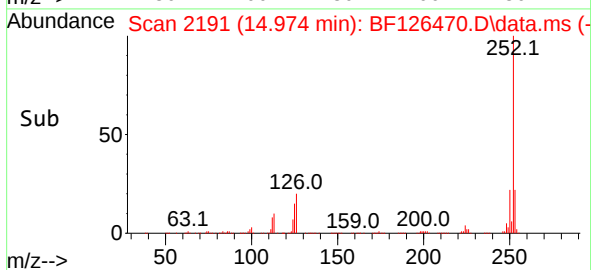
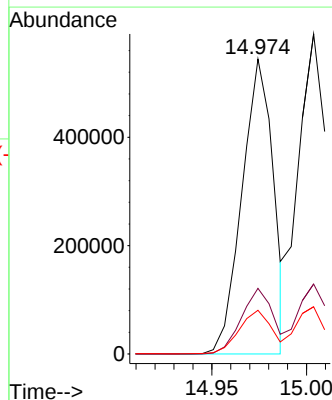
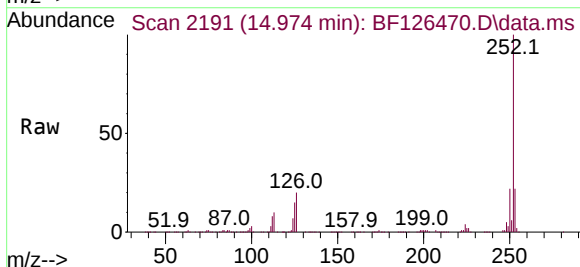
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

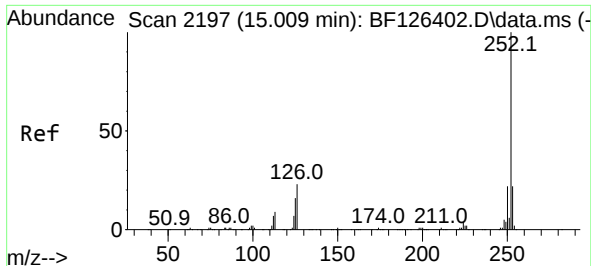
Tgt Ion:276 Resp: 797233
Ion Ratio Lower Upper
276 100
138 36.8 29.2 43.8
277 25.0 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 48.384 ng
RT: 14.974 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:252 Resp: 629378
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 14.8 12.4 18.6

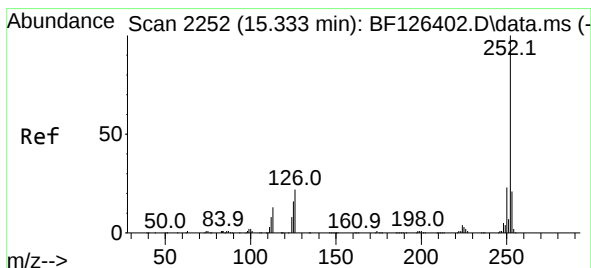
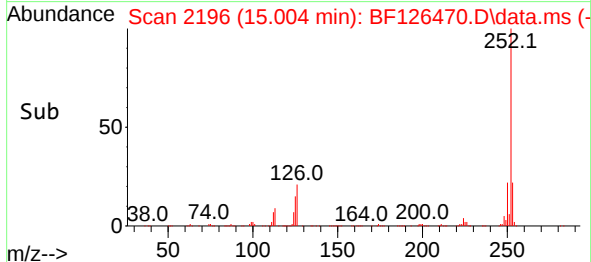
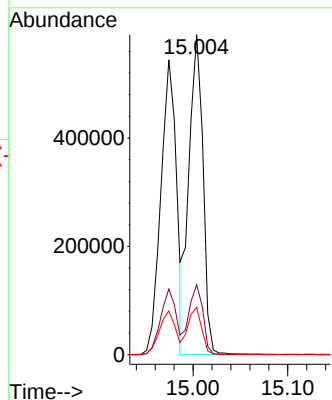
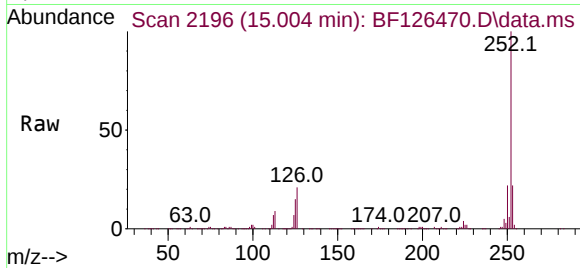




#89
Benzo(k)fluoranthene
Concen: 48.471 ng
RT: 15.004 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

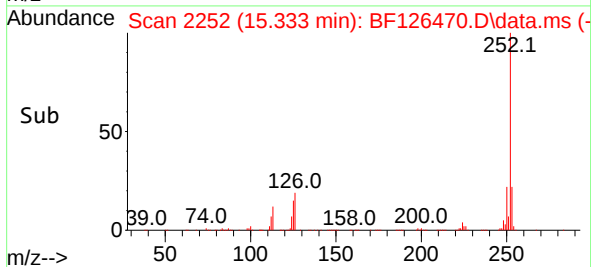
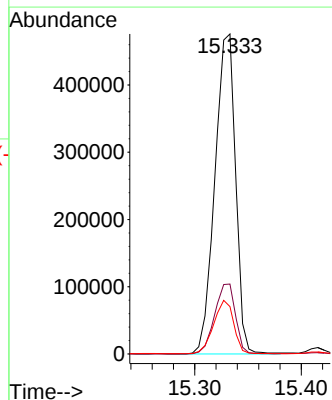
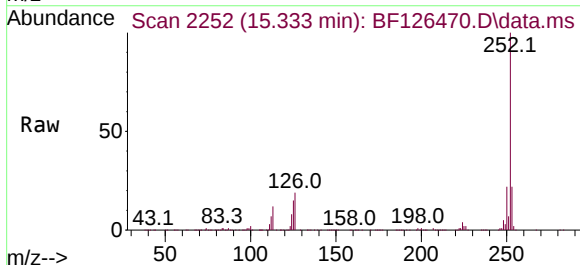
Instrument :
BNA_F
ClientSampleId :
DB-19-(40-45)-12-22-21MS

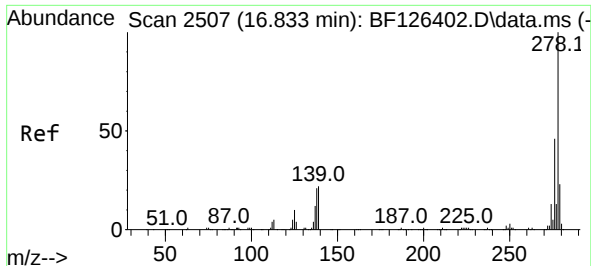
Tgt Ion:252 Resp: 610791
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 14.7 11.8 17.6



#90
Benzo(a)pyrene
Concen: 58.868 ng
RT: 15.333 min Scan# 2252
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:252 Resp: 642078
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 14.8 13.0 19.6

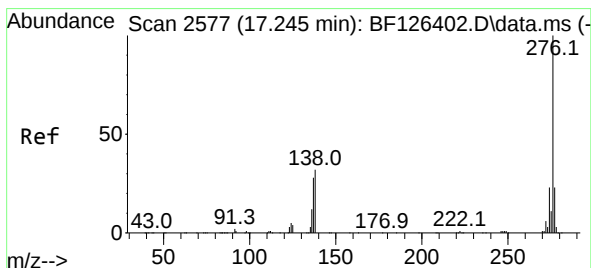
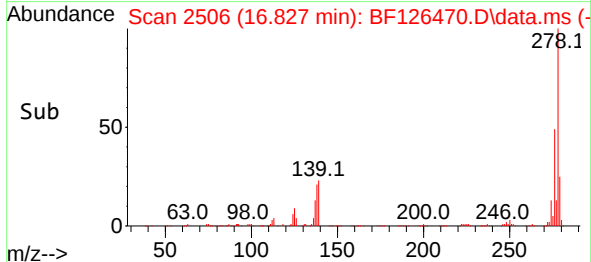
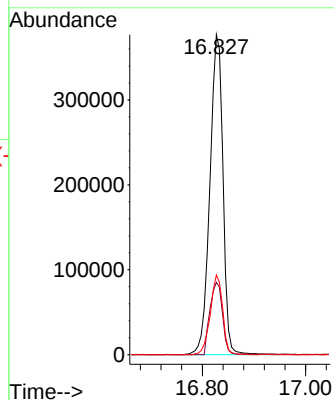
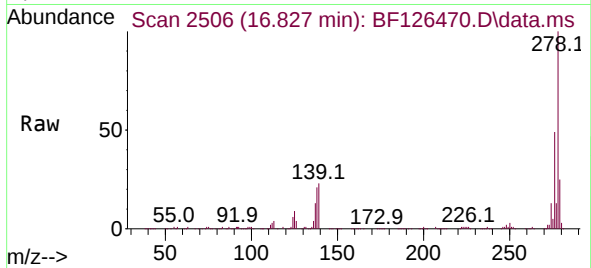




#91
Dibenzo(a,h)anthracene
Concen: 56.267 ng
RT: 16.827 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

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

Tgt Ion:278 Resp: 663504
Ion Ratio Lower Upper
278 100
139 22.6 18.0 27.0
279 24.9 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 57.051 ng
RT: 17.245 min Scan# 2577
Delta R.T. 0.012 min
Lab File: BF126470.D
Acq: 4 Jan 2022 16:27

Tgt Ion:276 Resp: 716373
Ion Ratio Lower Upper
276 100
277 24.6 18.5 27.7
138 32.4 25.9 38.9

