

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126962.D
 Acq On : 18 Feb 2022 19:59
 Operator : CG\JU
 Sample : N1594-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-CONCRETE-COMP

Quant Time: Feb 18 23:53:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	94003	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	358606	20.000	ng	# 0.00
39) Acenaphthene-d10	9.974	164	147545	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	169973	20.000	ng	# 0.04
76) Chrysene-d12	14.121	240	125861	20.000	ng	# 0.01
86) Perylene-d12	15.615	264	148443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	72451	11.912	ng	0.00
7) Phenol-d6	6.545	99	377677	46.020	ng	-0.01
23) Nitrobenzene-d5	7.492	82	578192	72.776	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	1305	0.768	ng	0.02
45) 2-Fluorobiphenyl	9.286	172	853923	85.202	ng	0.00
79) Terphenyl-d14	13.080	244	558040	65.178	ng	0.03
Target Compounds						
						Qvalue
3) Pyridine	3.710	79	338	0.046	ng	# 1
4) n-Nitrosodimethylamine	3.463	42	819	0.229	ng	# 1
6) Aniline	6.628	93	259	0.027	ng	# 42
9) Benzaldehyde	6.481	77	155	0.031	ng	# 83
10) Phenol	6.557	94	3754	0.453	ng	# 42
11) bis(2-Chloroethyl)ether	6.628	93	259	0.040	ng	# 19
15) Benzyl Alcohol	7.063	79	336	0.049	ng	# 77
16) 2,2'-oxybis(1-Chloropr...	7.186	45	64	0.006	ng	71
17) 2-Methylphenol	7.251	107	55	0.010	ng	# 1
18) Hexachloroethane	7.469	117	53	0.019	ng	# 8
20) 3+4-Methylphenols	7.251	107	55	0.008	ng	# 1
22) Acetophenone	7.333	105	1113	0.118	ng	# 94
24) Nitrobenzene	7.492	77	1836	0.245	ng	# 37
25) Isophorone	7.739	82	35041	2.665	ng	# 96
26) 2-Nitrophenol	7.745	139	560	0.175	ng	# 73
27) 2,4-Dimethylphenol	7.839	122	83	0.016	ng	# 4
28) bis(2-Chloroethoxy)met...	7.804	93	78	0.010	ng	# 50
31) Naphthalene	8.233	128	2748	0.147	ng	96
32) Benzoic acid	7.839	122	83	0.022	ng	# 30
33) 4-Chloroaniline	8.233	127	290	0.039	ng	# 69
35) Caprolactam	8.622	113	383	0.222	ng	# 1
36) 4-Chloro-3-methylphenol	8.769	107	479	0.076	ng	# 23
37) 2-Methylnaphthalene	8.922	142	1645	0.135	ng	88
38) 1-Methylnaphthalene	9.022	142	1789	0.154	ng	94
43) 2,4,6-Trichlorophenol	9.204	196	1147	0.403	ng	# 11
44) 2,4,5-Trichlorophenol	9.257	196	572	0.191	ng	# 1
46) 1,1'-Biphenyl	9.386	154	8013	0.685	ng	89
47) 2-Chloronaphthalene	9.422	162	221	0.025	ng	# 1
48) 2-Nitroaniline	9.533	65	5958	1.742	ng	# 57
49) Acenaphthylene	9.833	152	6348	0.451	ng	# 1
50) Dimethylphthalate	9.716	163	8705	0.825	ng	# 1
52) Acenaphthene	10.010	154	3803	0.415	ng	# 1
54) 2,4-Dinitrophenol	10.051	184	280	0.247	ng	# 1
55) Dibenzofuran	10.180	168	5335	0.424	ng	# 1
58) Fluorene	10.551	166	8630	0.880	ng	# 1
59) 2,3,4,6-Tetrachlorophenol	10.292	232	2340	0.985	ng	# 3

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126962.D
 Acq On : 18 Feb 2022 19:59
 Operator : CG\JU
 Sample : N1594-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-CONCRETE-COMP

Quant Time: Feb 18 23:53:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

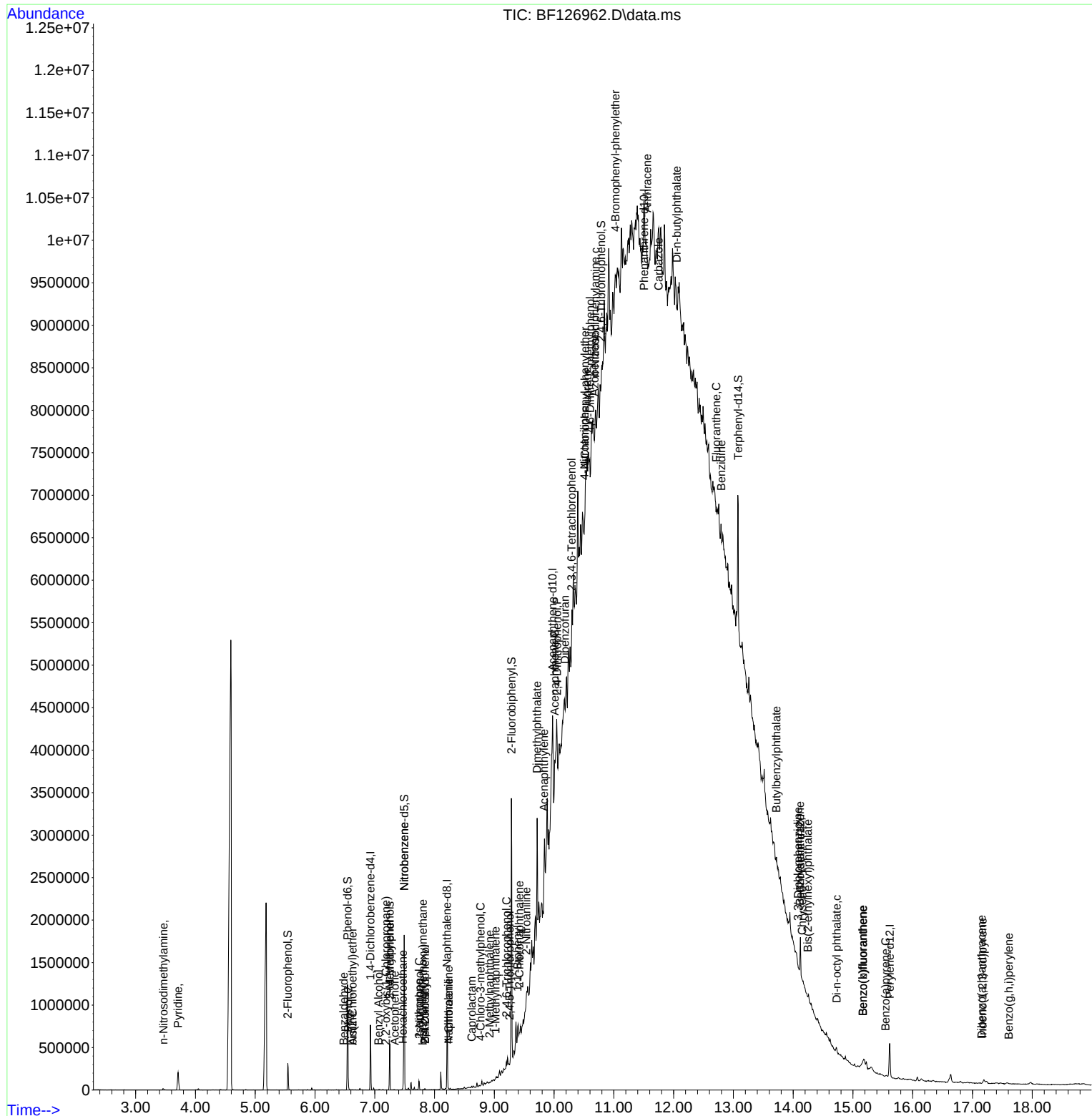
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
61) 4-Chlorophenyl-phenyle...	10.516	204	509	0.110	ng	# 1
62) 4-Nitroaniline	10.510	138	3793	1.464	ng	# 37
63) Azobenzene	10.674	77	5949	0.485	ng	# 32
65) 4,6-Dinitro-2-methylph...	10.604	198	1276	1.278	ng	# 1
66) n-Nitrosodiphenylamine	10.686	169	6160	1.105	ng	# 1
67) 4-Bromophenyl-phenylether	11.027	248	2867	1.510	ng	# 1
72) Anthracene	11.557	178	3440	0.363	ng	# 1
73) Carbazole	11.751	167	2731	0.314	ng	# 1
74) Di-n-butylphthalate	12.051	149	8012	0.718	ng	# 23
75) Fluoranthene	12.715	202	3152	0.349	ng	# 1
77) Benzidine	12.798	184	918	0.268	ng	# 1
80) Butylbenzylphthalate	13.721	149	2315	0.447	ng	# 53
81) Benzo(a)anthracene	14.115	228	1058	0.125	ng	# 1
82) 3,3'-Dichlorobenzidine	14.080	252	136	0.051	ng	# 1
83) Chrysene	14.151	228	1705	0.214	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.245	149	1088	0.160	ng	# 67
85) Di-n-octyl phthalate	14.727	149	5891	0.602	ng	# 61
87) Indeno(1,2,3-cd)pyrene	17.168	276	65	0.007	ng	# 1
88) Benzo(b)fluoranthene	15.168	252	4061	0.407	ng	# 1
89) Benzo(k)fluoranthene	15.168	252	4061	0.422	ng	# 1
90) Benzo(a)pyrene	15.545	252	837	0.107	ng	# 1
91) Dibenzo(a,h)anthracene	17.150	278	85	0.011	ng	# 1
92) Benzo(g,h,i)perylene	17.609	276	655	0.083	ng	# 45

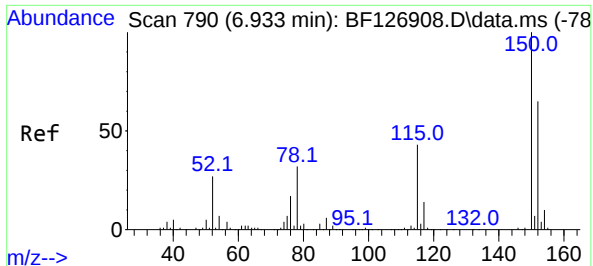
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021822\
 Data File : BF126962.D
 Acq On : 18 Feb 2022 19:59
 Operator : CG\JU
 Sample : N1594-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-CONCRETE-COMP

Quant Time: Feb 18 23:53:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

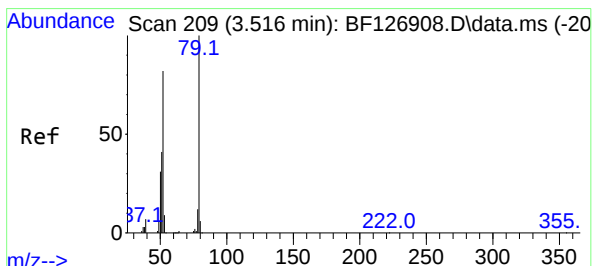
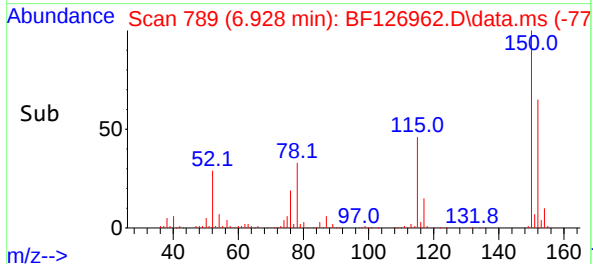
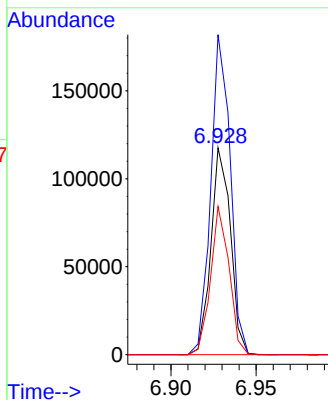
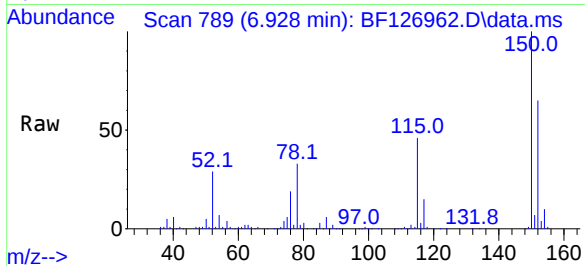




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

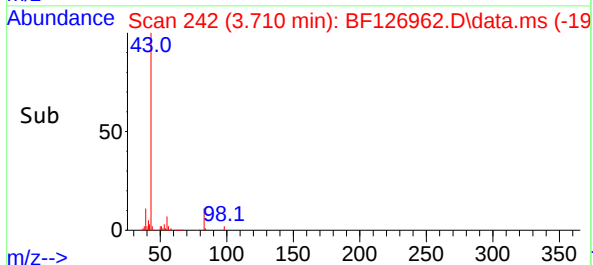
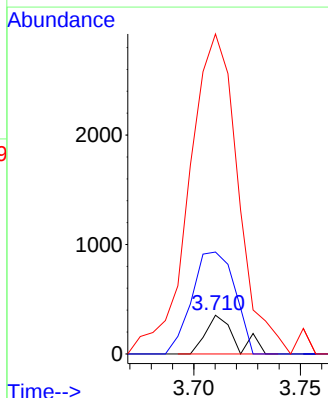
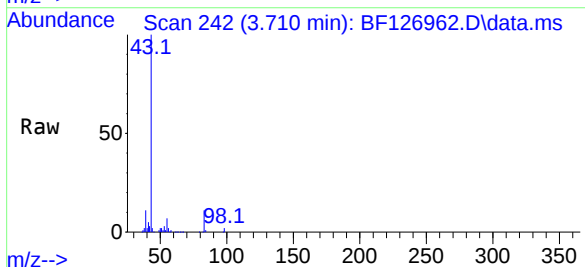
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

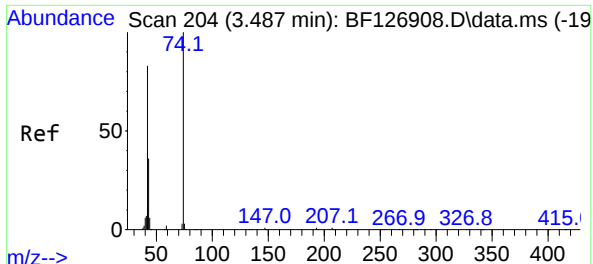
Tgt Ion:152 Resp: 94003
Ion Ratio Lower Upper
152 100
150 154.7 128.1 192.1
115 71.6 56.7 85.1



#3
Pyridine
Concen: 0.046 ng
RT: 3.710 min Scan# 242
Delta R.T. 0.194 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 79 Resp: 338
Ion Ratio Lower Upper
79 100
52 263.7 56.2 84.4#
51 828.3 26.7 40.1#

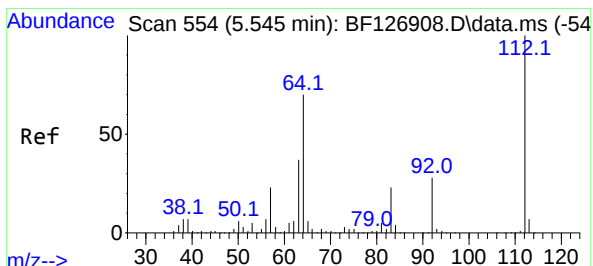
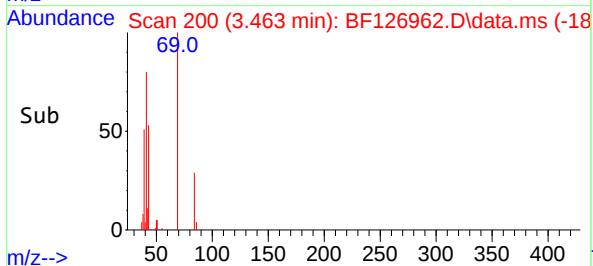
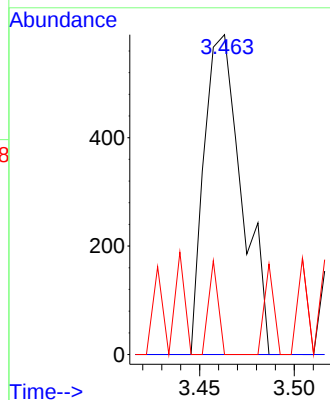
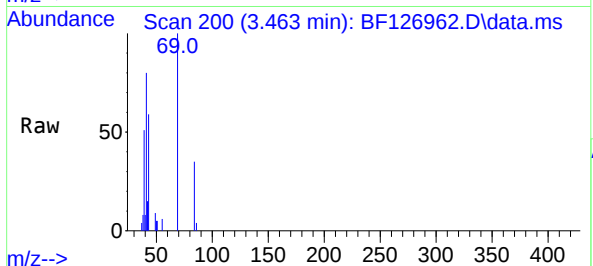




#4
n-Nitrosodimethylamine
Concen: 0.229 ng
RT: 3.463 min Scan# 204
Delta R.T. -0.024 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

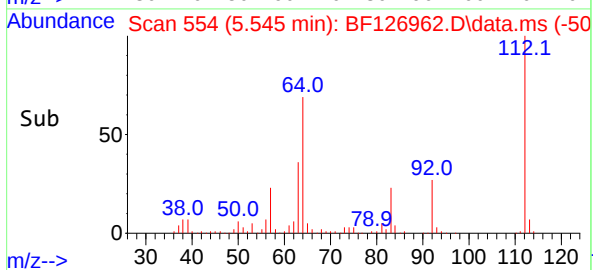
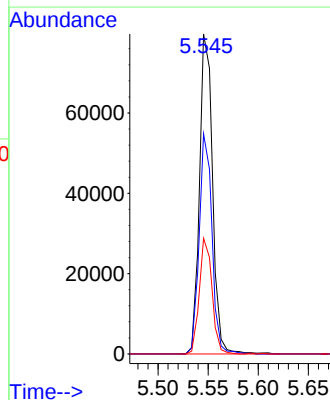
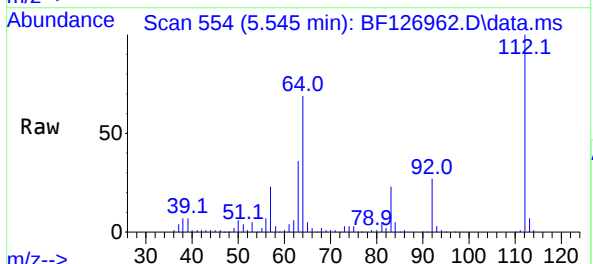
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

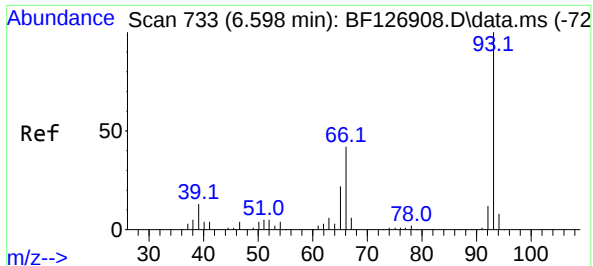
Tgt Ion: 42 Resp: 819
Ion Ratio Lower Upper
42 100
74 0.0 125.6 188.4#
44 0.0 5.7 8.5#



#5
2-Fluorophenol
Concen: 11.912 ng
RT: 5.545 min Scan# 554
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 112 Resp: 72451
Ion Ratio Lower Upper
112 100
64 68.8 49.5 74.3
63 36.2 23.9 35.9#

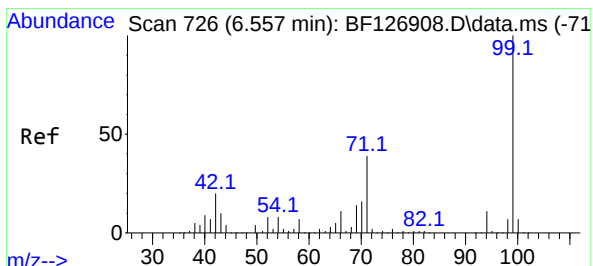
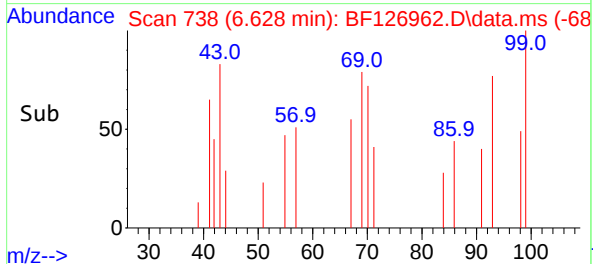
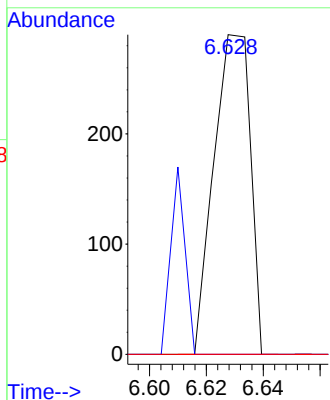
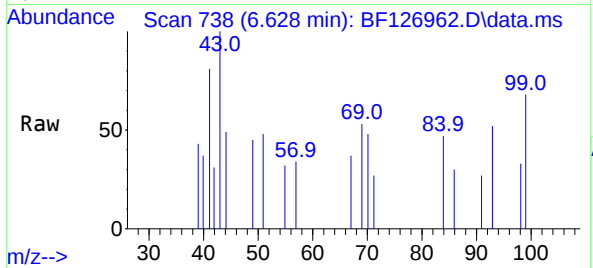




#6
Aniline
Concen: 0.027 ng
RT: 6.628 min Scan# 71
Delta R.T. 0.029 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

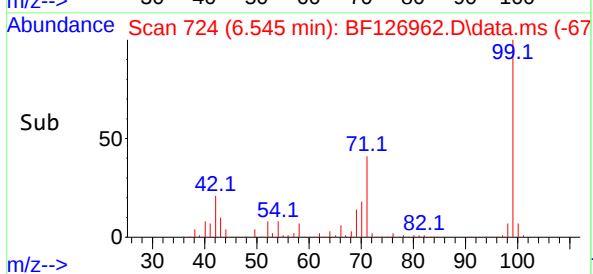
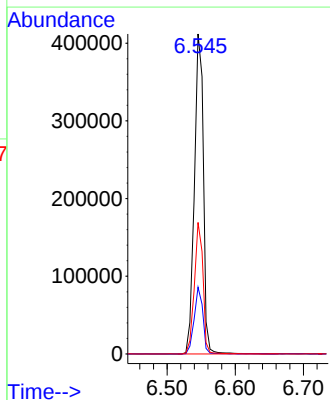
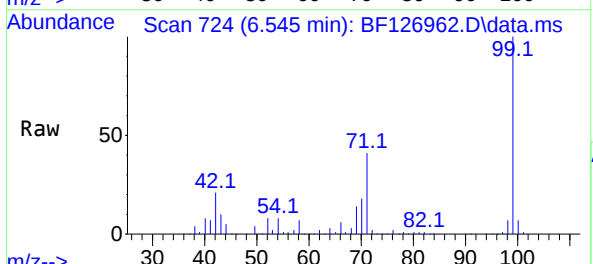
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

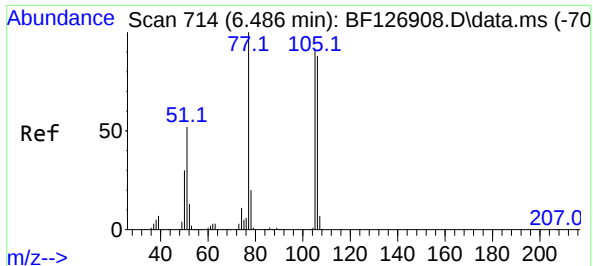
Tgt Ion: 93 Resp: 259
Ion Ratio Lower Upper
93 100
66 0.0 32.2 48.4#
65 0.0 16.3 24.5#



#7
Phenol-d6
Concen: 46.020 ng
RT: 6.545 min Scan# 724
Delta R.T. -0.012 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 99 Resp: 377677
Ion Ratio Lower Upper
99 100
42 20.8 14.2 21.4
71 41.1 24.3 36.5#

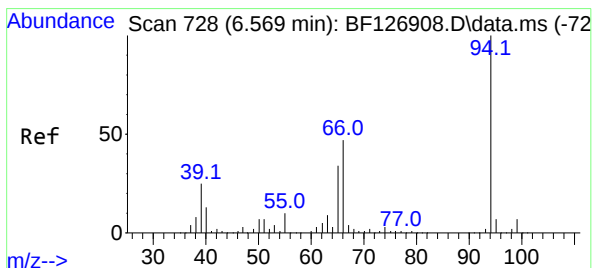
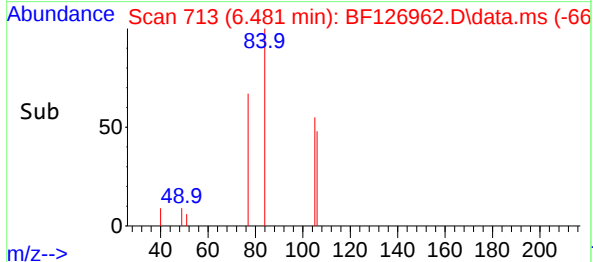
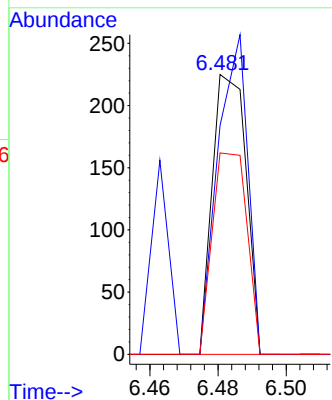
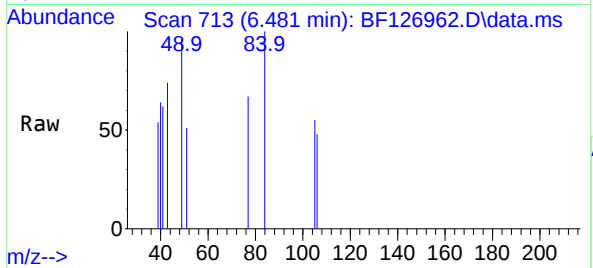




#9
Benzaldehyde
Concen: 0.031 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

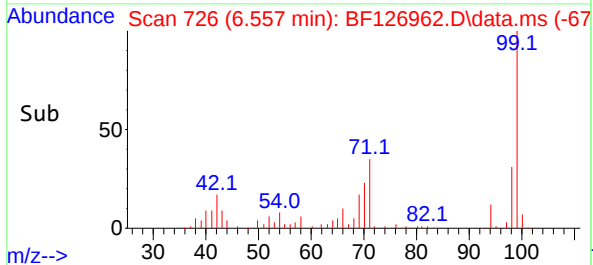
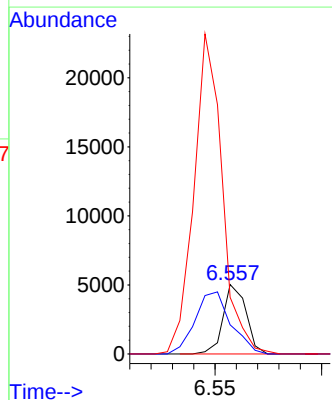
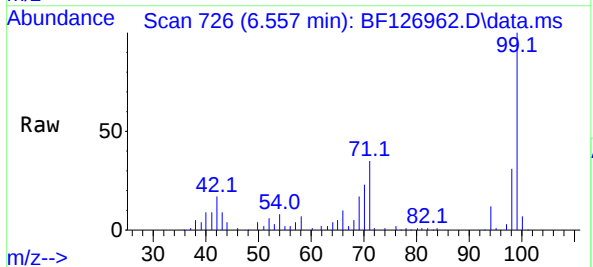
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

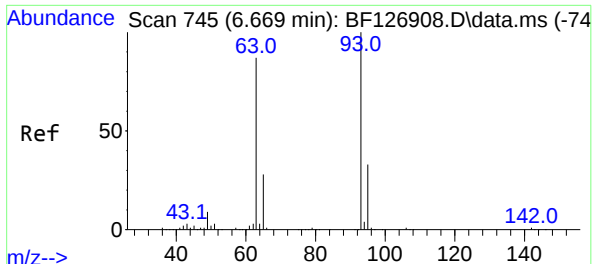
Tgt Ion: 77 Resp: 155
Ion Ratio Lower Upper
77 100
105 81.8 74.9 114.9
106 72.0 72.4 112.4#



#10
Phenol
Concen: 0.453 ng
RT: 6.557 min Scan# 726
Delta R.T. -0.012 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 94 Resp: 3754
Ion Ratio Lower Upper
94 100
65 41.9 7.2 47.2
66 81.6 14.5 54.5#

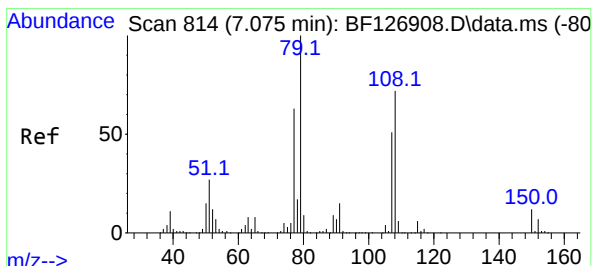
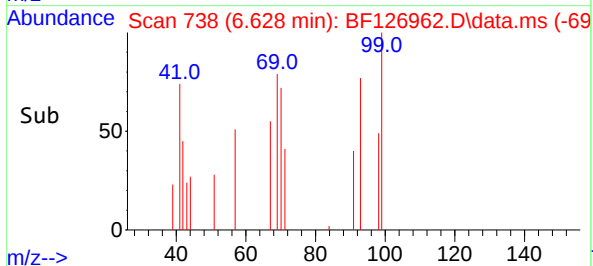
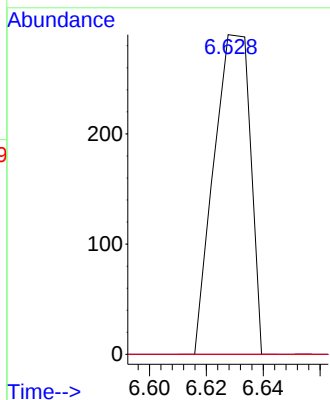
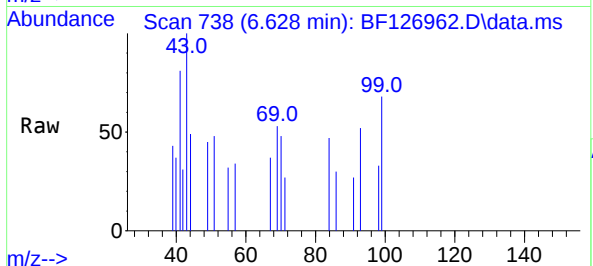




#11
bis(2-Chloroethyl)ether
Concen: 0.040 ng
RT: 6.628 min Scan# 71
Delta R.T. -0.041 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

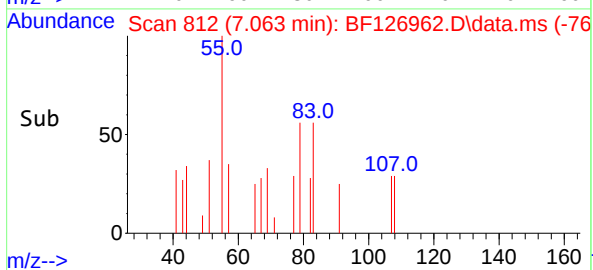
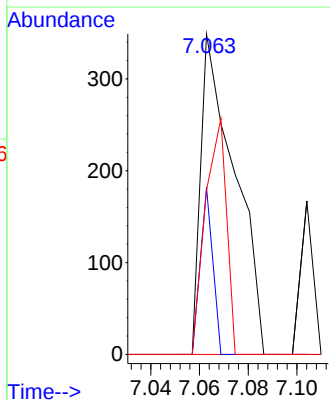
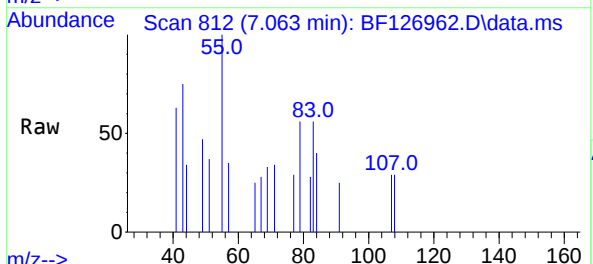
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

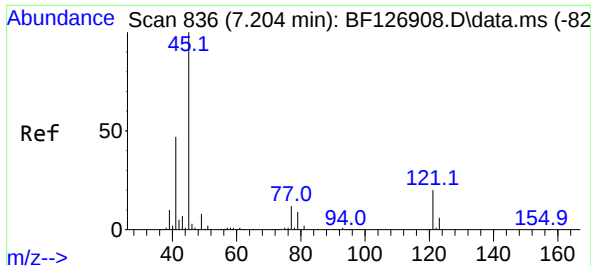
Tgt Ion: 93 Resp: 259
Ion Ratio Lower Upper
93 100
63 0.0 60.5 100.5#
95 0.0 12.9 52.9#



#15
Benzyl Alcohol
Concen: 0.049 ng
RT: 7.063 min Scan# 812
Delta R.T. -0.012 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 79 Resp: 336
Ion Ratio Lower Upper
79 100
108 52.1 63.2 94.8#
77 51.3 49.4 74.2

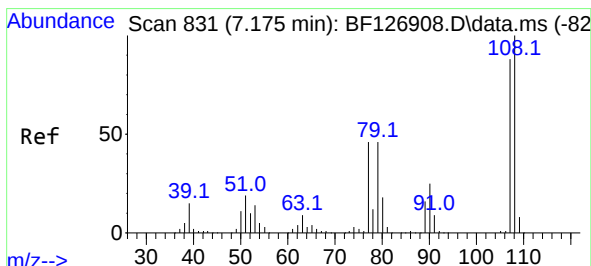
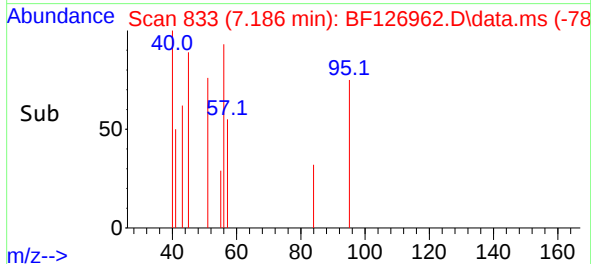
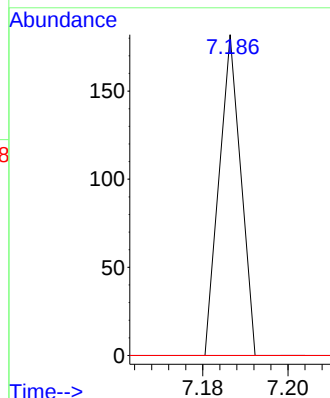
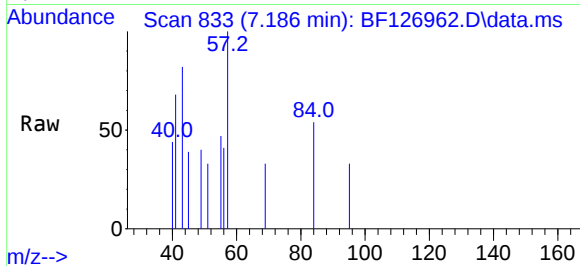




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.006 ng
RT: 7.186 min Scan# 811
Delta R.T. -0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

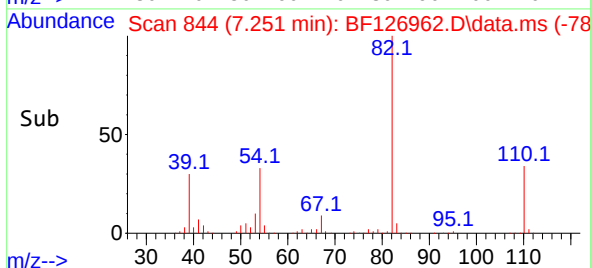
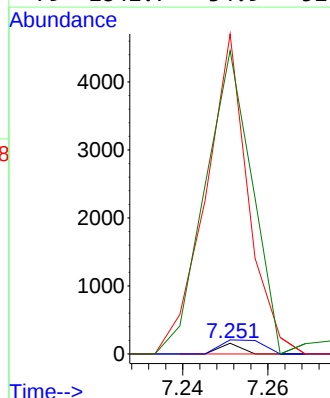
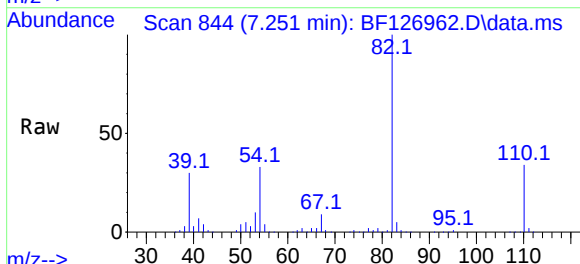
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

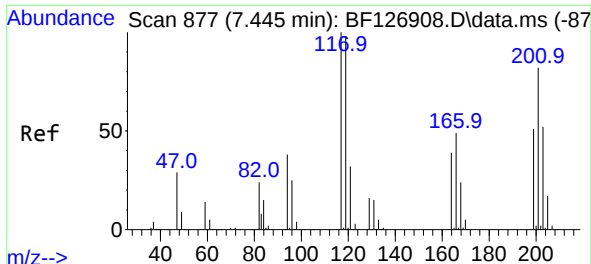
Tgt Ion:	45	Resp:	64
Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	32.4
79	0.0	0.0	29.8



#17
2-Methylphenol
Concen: 0.010 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.076 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:	107	Resp:	55
Ion	Ratio	Lower	Upper
107	100		
108	132.5	93.4	140.0
77	2998.1	36.1	54.1#
79	2842.7	34.9	52.3#

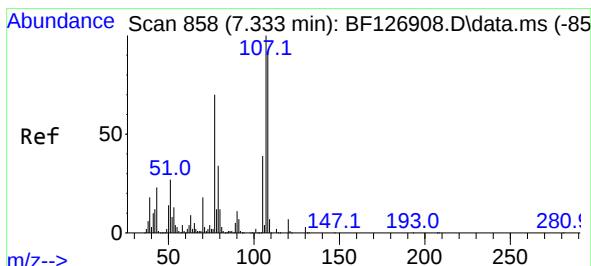
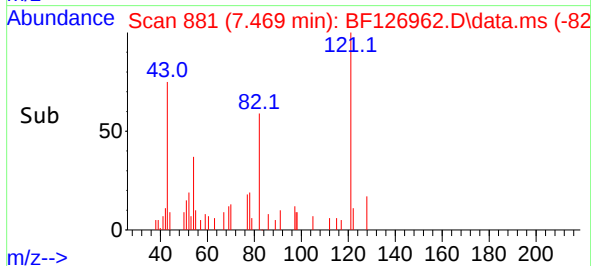
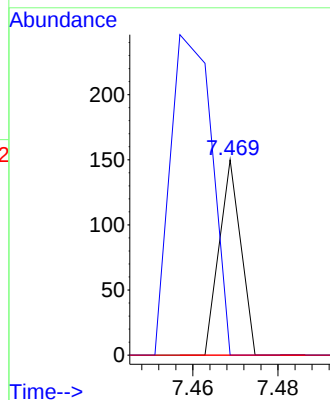
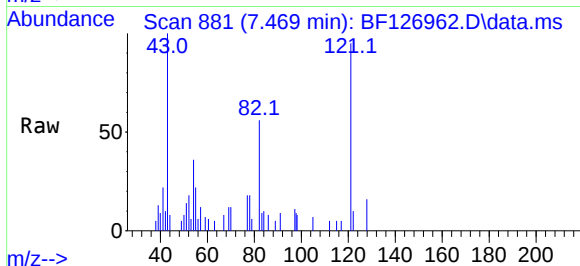




#18
Hexachloroethane
Concen: 0.019 ng
RT: 7.469 min Scan# 811
Delta R.T. 0.024 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

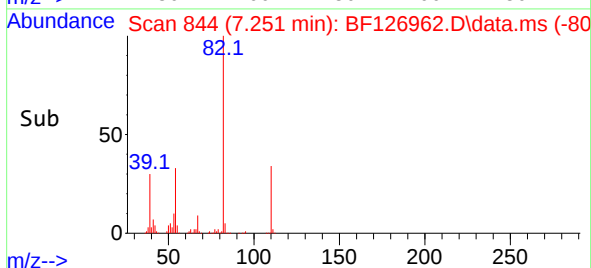
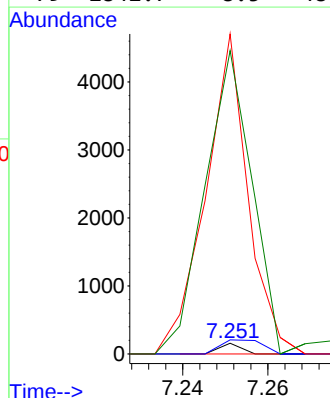
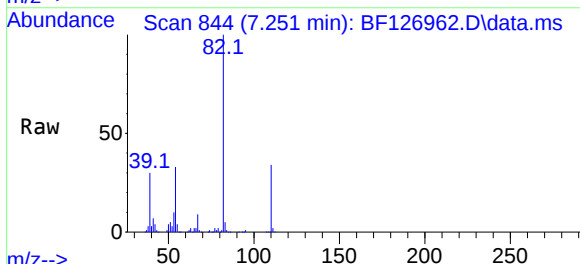
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

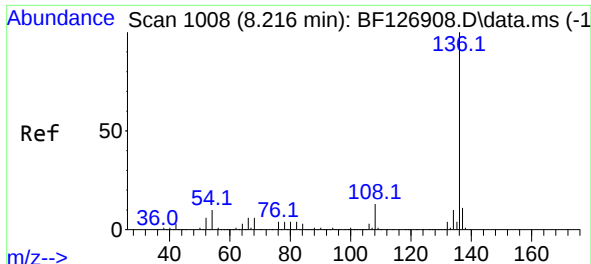
Tgt Ion:117 Resp: 53
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
201 0.0 56.8 85.2#



#20
3+4-Methylphenols
Concen: 0.008 ng
RT: 7.251 min Scan# 844
Delta R.T. -0.082 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:107 Resp: 55
Ion Ratio Lower Upper
107 100
108 132.5 72.4 112.4#
77 2998.1 83.8 123.8#
79 2842.7 8.5 48.5#

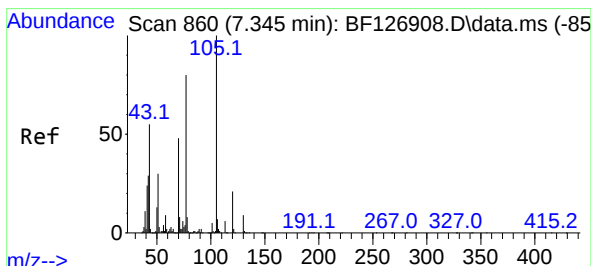
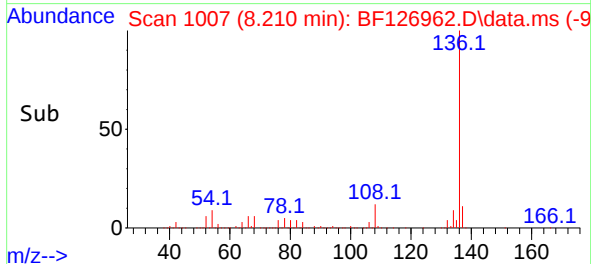
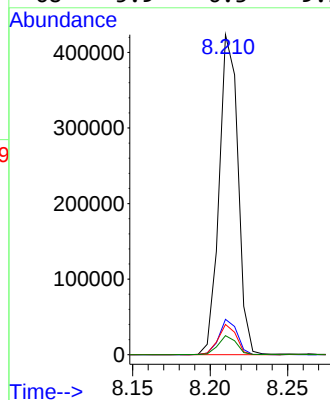
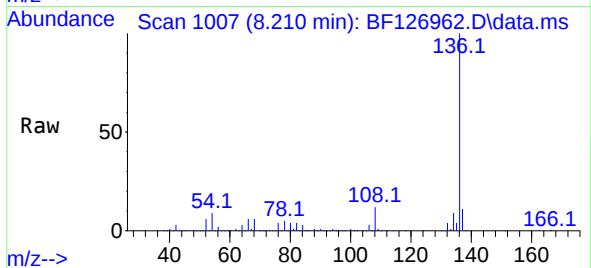




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

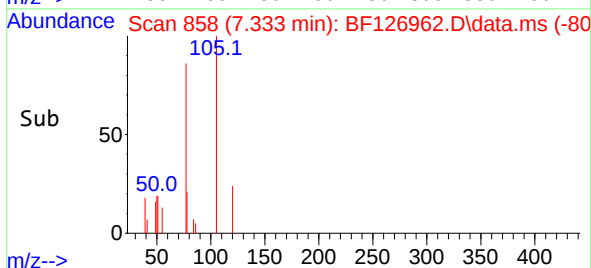
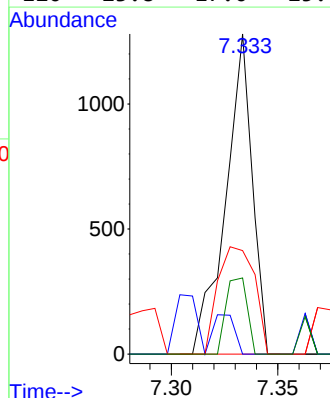
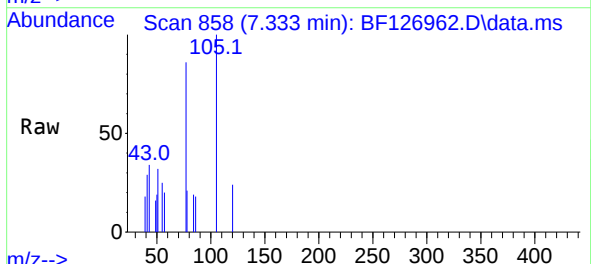
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

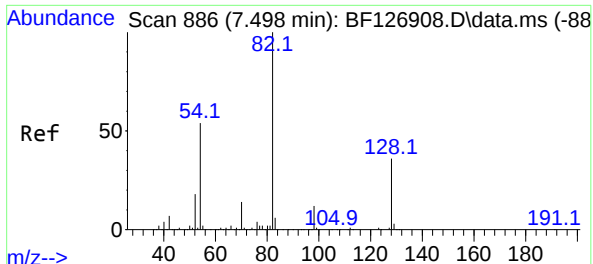
Tgt Ion:136 Resp: 358606
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 9.5 7.8 11.6
68 5.9 6.3 9.5#



#22
Acetophenone
Concen: 0.118 ng
RT: 7.333 min Scan# 858
Delta R.T. -0.012 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:105 Resp: 1113
Ion Ratio Lower Upper
105 100
71 0.0 5.4 8.0#
51 32.3 27.4 41.0
120 23.8 17.0 25.6

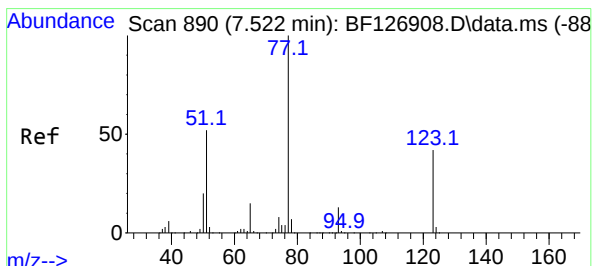
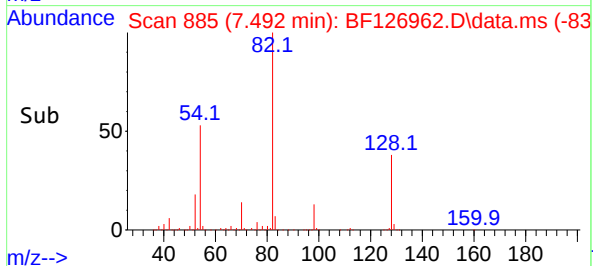
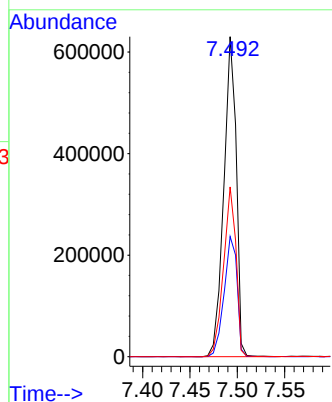
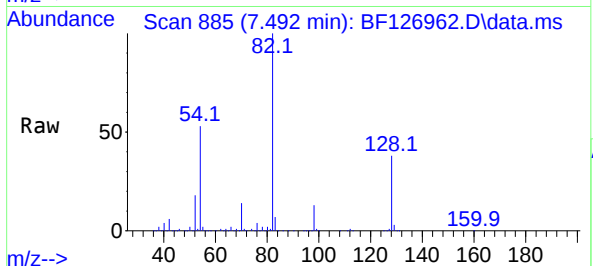




#23
Nitrobenzene-d5
Concen: 72.776 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

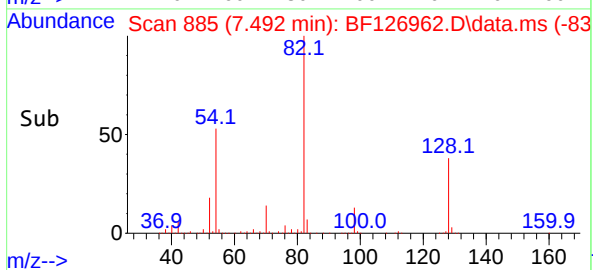
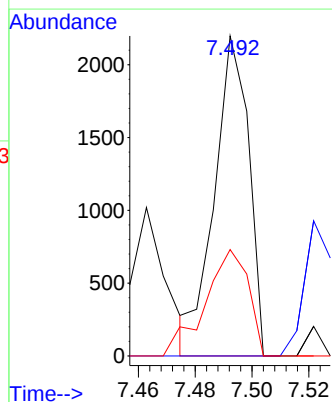
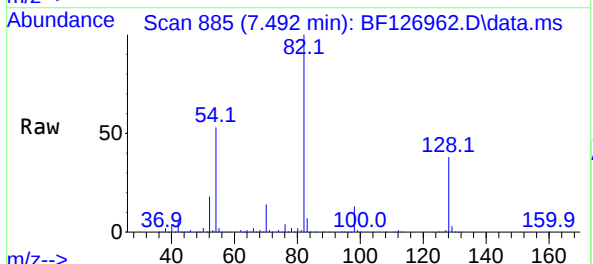
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

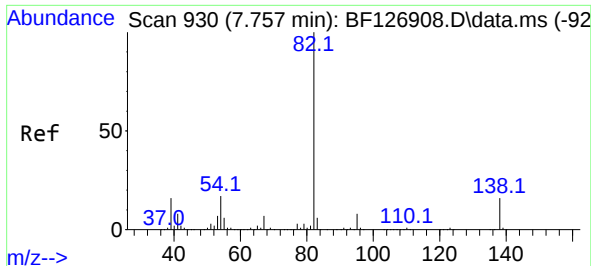
Tgt Ion: 82 Resp: 578192
Ion Ratio Lower Upper
82 100
128 37.5 32.7 49.1
54 53.1 41.7 62.5



#24
Nitrobenzene
Concen: 0.245 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.029 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 77 Resp: 1836
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 33.3 10.6 15.8#

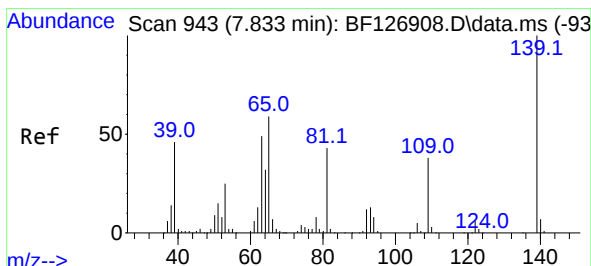
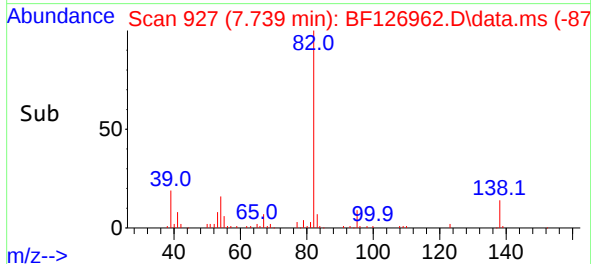
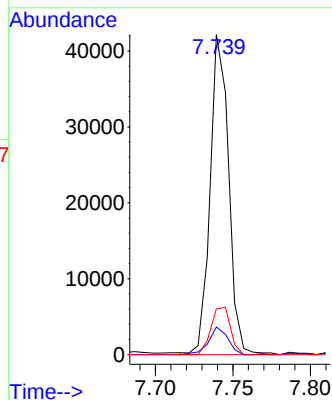
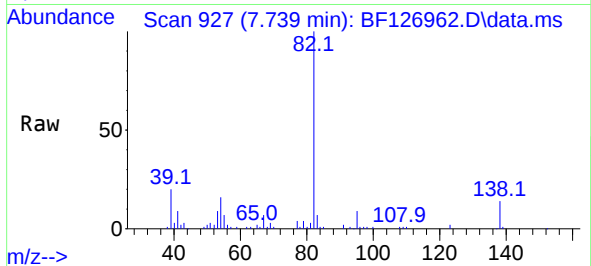




#25
Isophorone
Concen: 2.665 ng
RT: 7.739 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

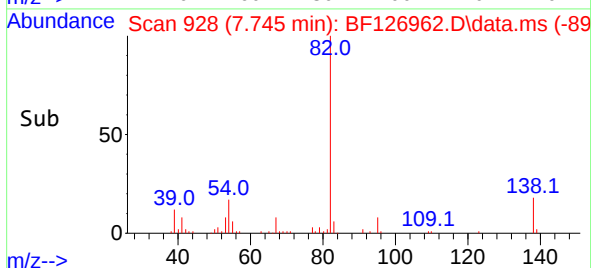
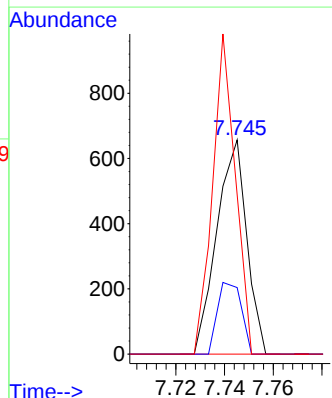
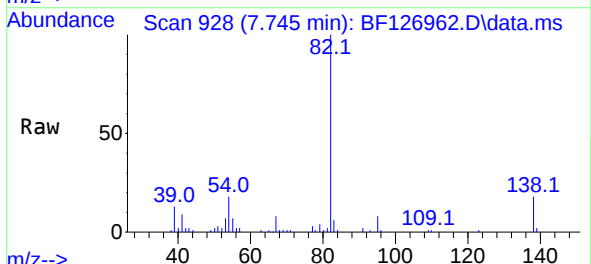
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

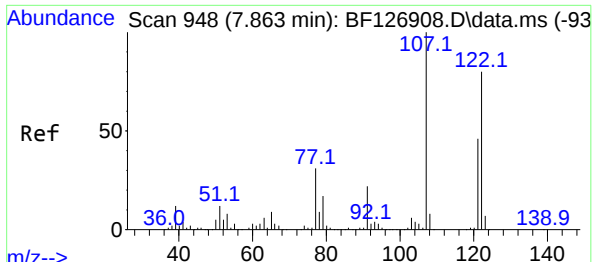
Tgt Ion: 82 Resp: 35041
Ion Ratio Lower Upper
82 100
95 8.6 5.0 7.4#
138 14.3 12.3 18.5



#26
2-Nitrophenol
Concen: 0.175 ng
RT: 7.745 min Scan# 928
Delta R.T. -0.088 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 139 Resp: 560
Ion Ratio Lower Upper
139 100
109 31.1 20.0 30.0#
65 74.4 40.8 61.2#

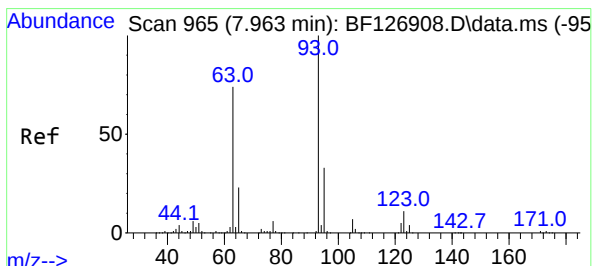
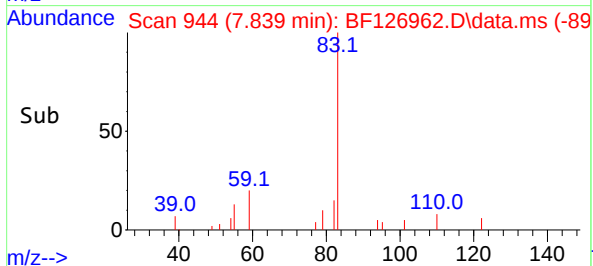
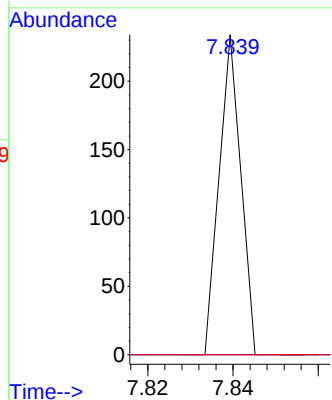
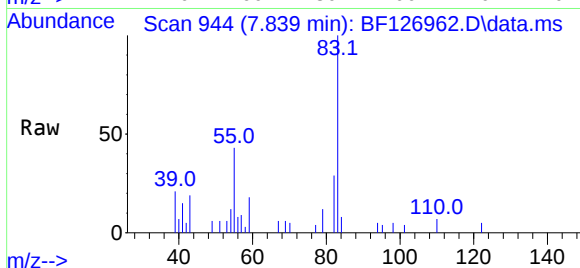




#27
2,4-Dimethylphenol
Concen: 0.016 ng
RT: 7.839 min Scan# 94
Delta R.T. -0.024 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

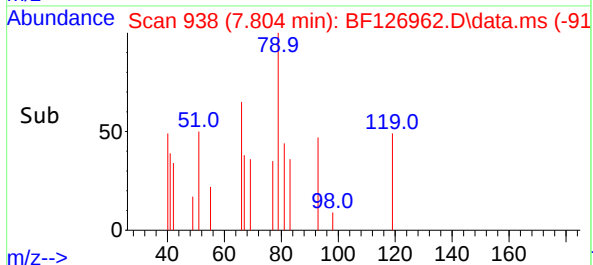
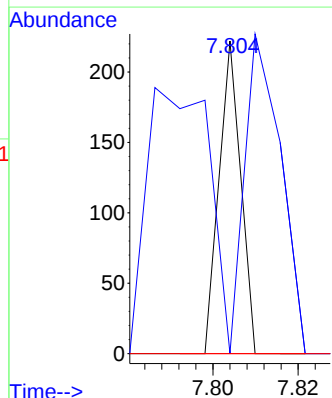
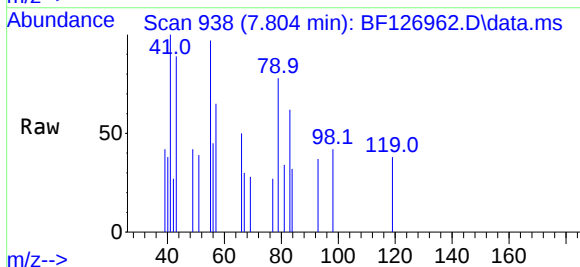
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

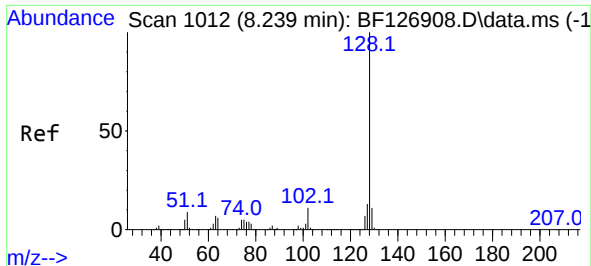
Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
107 0.0 91.2 136.8#
121 0.0 44.4 66.6#



#28
bis(2-Chloroethoxy)methane
Concen: 0.010 ng
RT: 7.804 min Scan# 938
Delta R.T. -0.159 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 93 Resp: 78
Ion Ratio Lower Upper
93 100
95 0.0 25.4 38.2#
123 0.0 8.9 13.3#

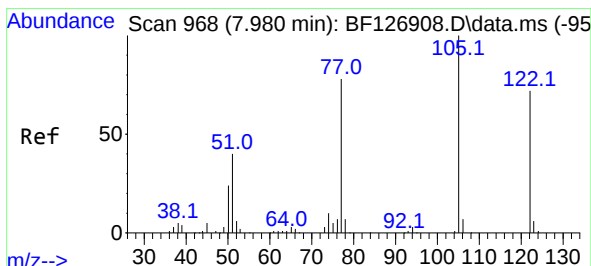
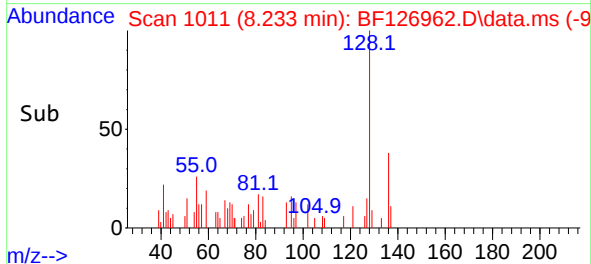
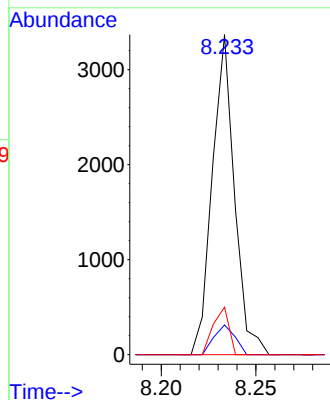
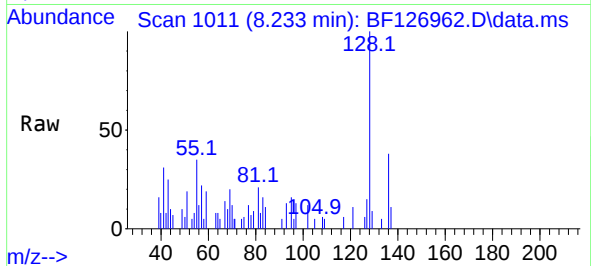




#31
Naphthalene
Concen: 0.147 ng
RT: 8.233 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

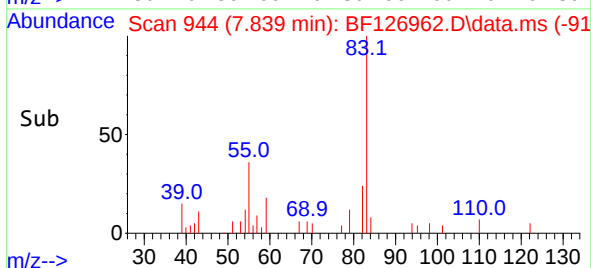
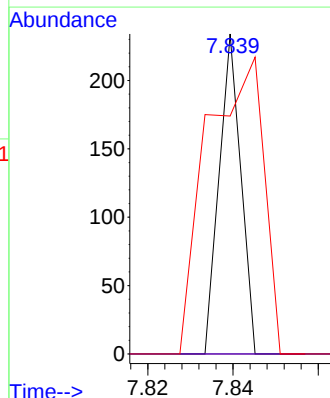
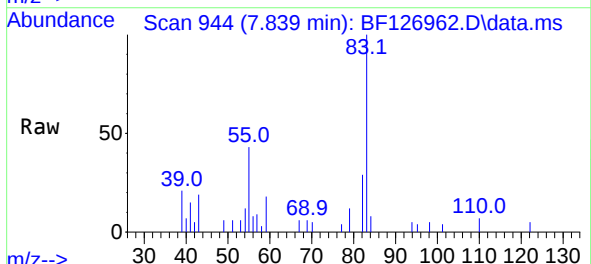
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

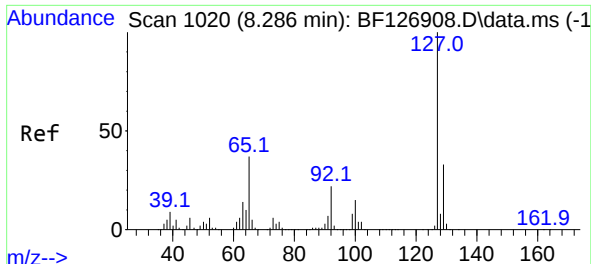
Tgt Ion:128 Resp: 2748
Ion Ratio Lower Upper
128 100
129 9.3 8.6 13.0
127 14.8 10.3 15.5



#32
Benzoic acid
Concen: 0.022 ng
RT: 7.839 min Scan# 944
Delta R.T. -0.141 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:122 Resp: 83
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 74.4 74.5 114.5#





#33

4-Chloroaniline

Concen: 0.039 ng

RT: 8.233 min Scan# 10

Delta R.T. -0.053 min

Lab File: BF126962.D

Acq: 18 Feb 2022 19:59

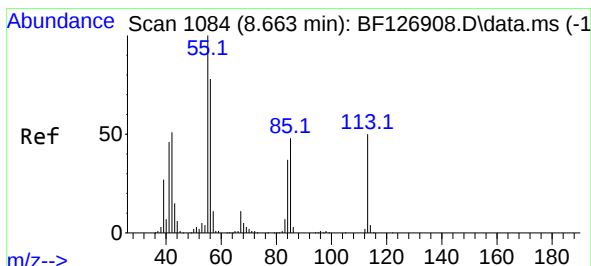
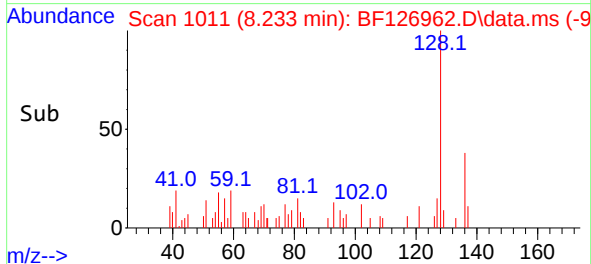
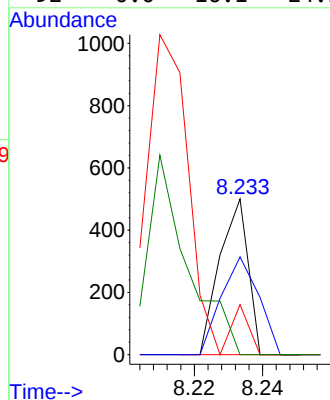
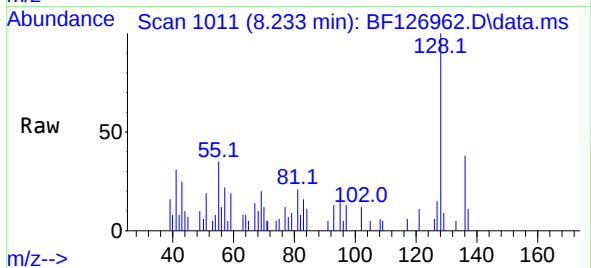
Instrument :

BNA_F

ClientSampleId :

RO-CONCRETE-COMP

Tgt Ion:127	Resp:	290
Ion	Ratio	Lower Upper
127	100	
129	62.8	26.5 39.7#
65	32.2	26.6 39.8
92	0.0	16.1 24.1#



#35

Caprolactam

Concen: 0.222 ng

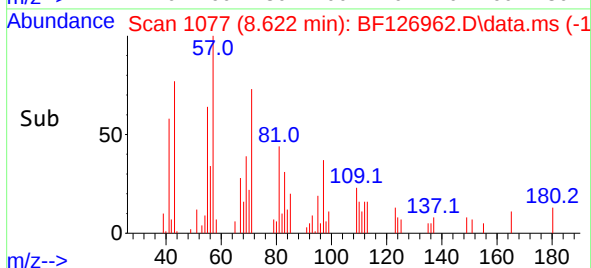
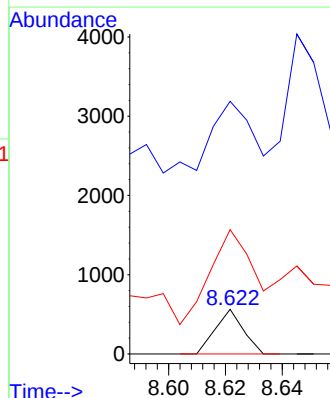
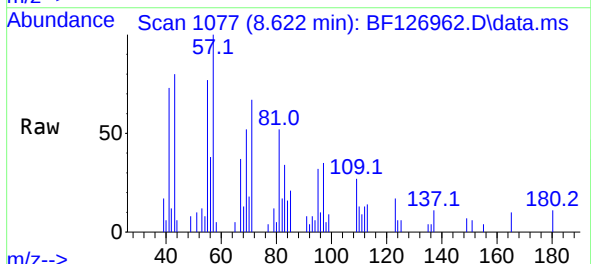
RT: 8.622 min Scan# 1077

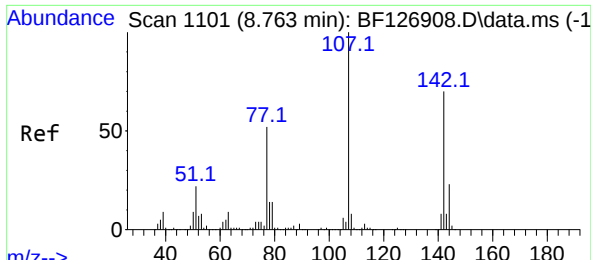
Delta R.T. -0.041 min

Lab File: BF126962.D

Acq: 18 Feb 2022 19:59

Tgt Ion:113	Resp:	383
Ion	Ratio	Lower Upper
113	100	
55	566.3	183.9 223.9#
56	278.7	129.9 169.9#





#36

4-Chloro-3-methylphenol

Concen: 0.076 ng

RT: 8.769 min Scan# 1101

Delta R.T. 0.006 min

Lab File: BF126962.D

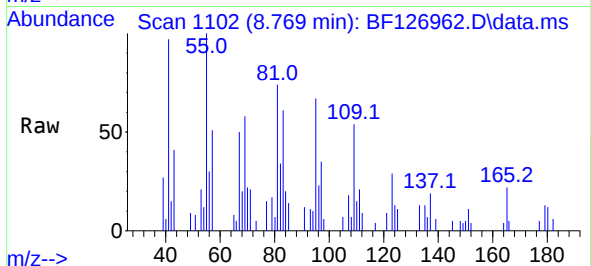
Acq: 18 Feb 2022 19:59

Instrument :

BNA_F

ClientSampleId :

RO-CONCRETE-COMP



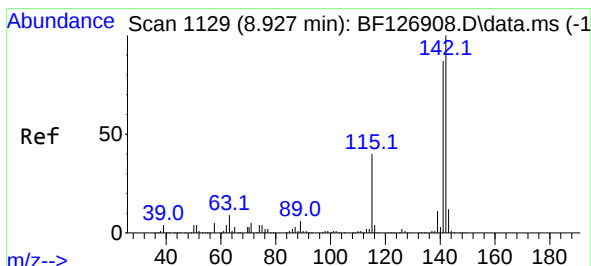
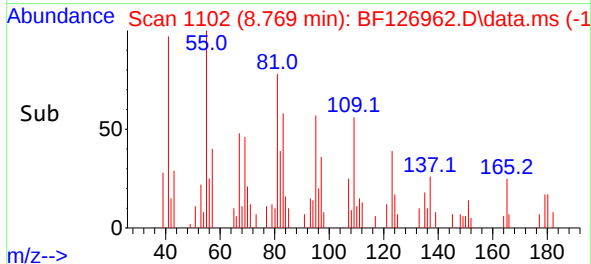
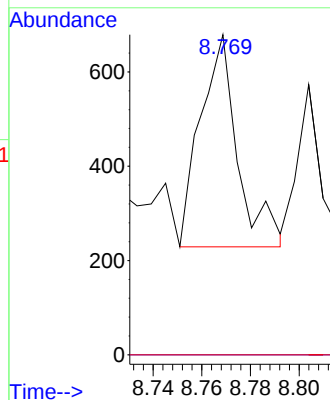
Tgt Ion:107 Resp: 479

Ion Ratio Lower Upper

107 100

144 0.0 18.5 27.7#

142 0.0 58.1 87.1#



#37

2-Methylnaphthalene

Concen: 0.135 ng

RT: 8.922 min Scan# 1128

Delta R.T. -0.006 min

Lab File: BF126962.D

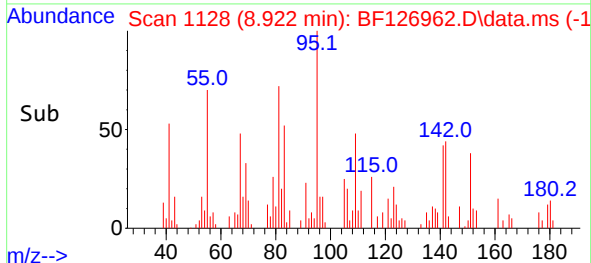
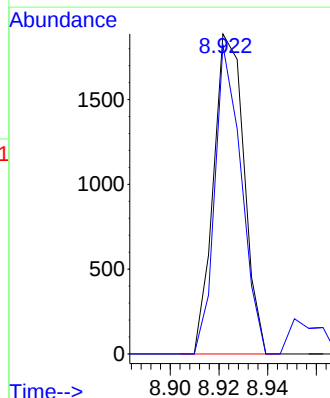
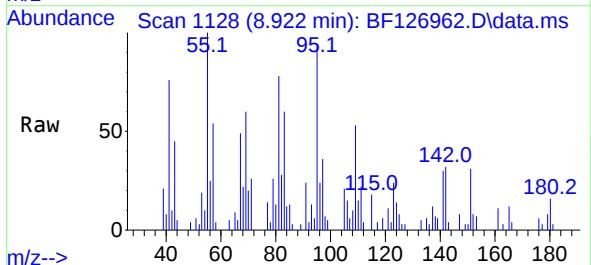
Acq: 18 Feb 2022 19:59

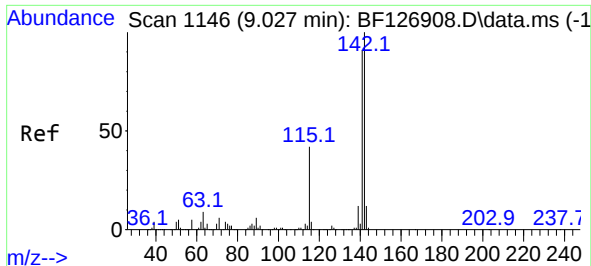
Tgt Ion:142 Resp: 1645

Ion Ratio Lower Upper

142 100

141 96.5 68.6 102.8

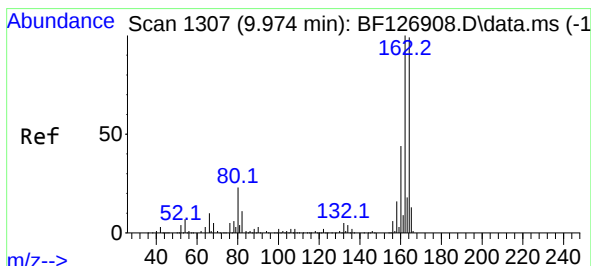
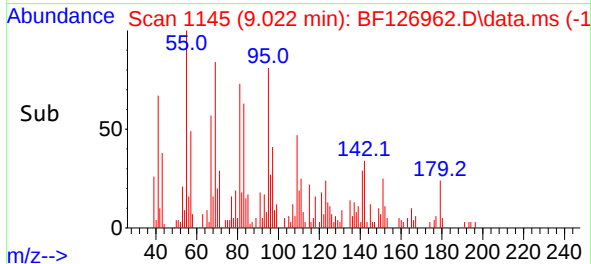
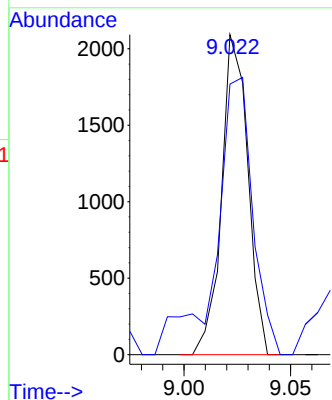
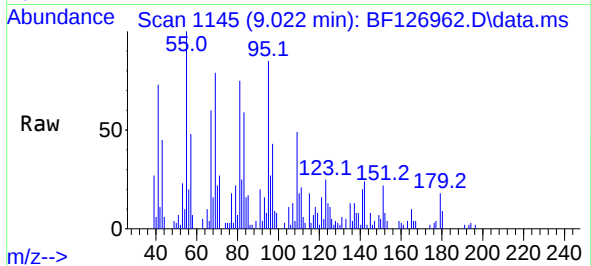




#38
1-Methylnaphthalene
Concen: 0.154 ng
RT: 9.022 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

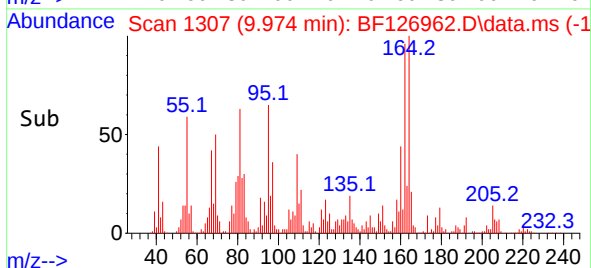
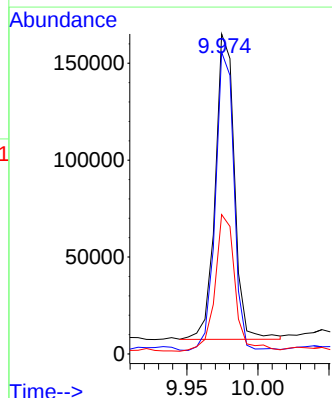
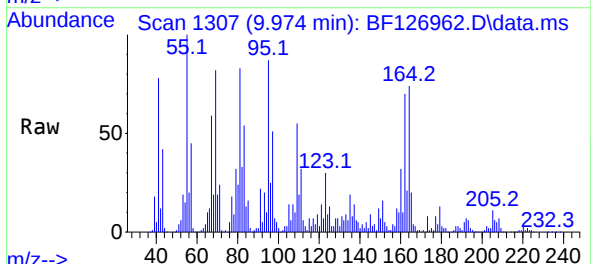
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

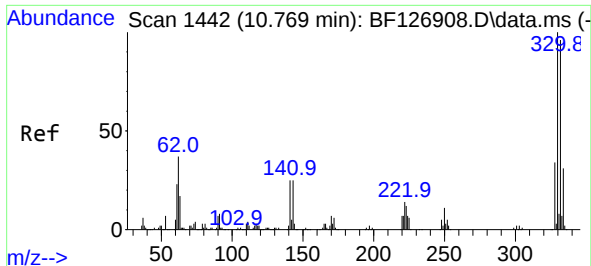
Tgt Ion:142 Resp: 1789
Ion Ratio Lower Upper
142 100
141 84.6 72.1 108.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.974 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:164 Resp: 147545
Ion Ratio Lower Upper
164 100
162 94.3 81.4 122.0
160 43.5 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 0.768 ng

RT: 10.786 min Scan# 1445

Delta R.T. 0.018 min

Lab File: BF126962.D

Acq: 18 Feb 2022 19:59

Instrument :

BNA_F

ClientSampleId :

RO-CONCRETE-COMP

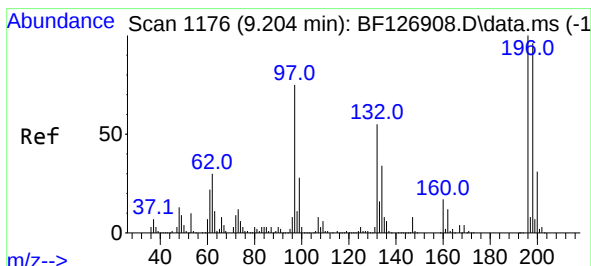
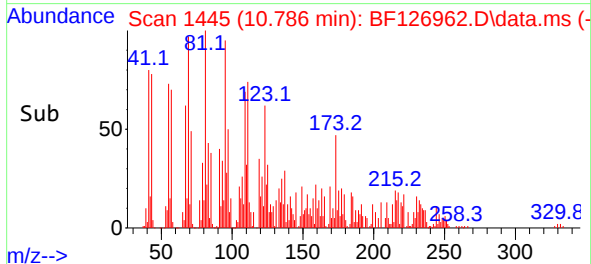
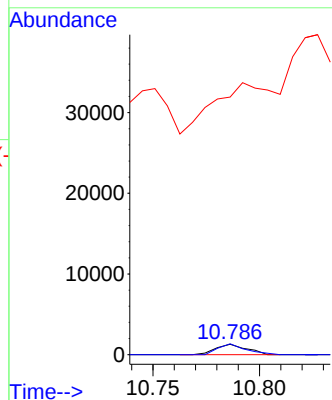
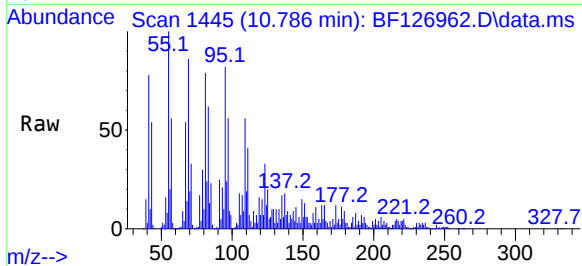
Tgt Ion:330 Resp: 1305

Ion Ratio Lower Upper

330 100

332 93.2 76.0 114.0

141 841.8 30.1 45.1#



#43

2,4,6-Trichlorophenol

Concen: 0.403 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.000 min

Lab File: BF126962.D

Acq: 18 Feb 2022 19:59

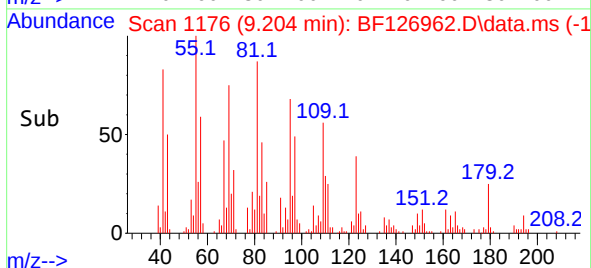
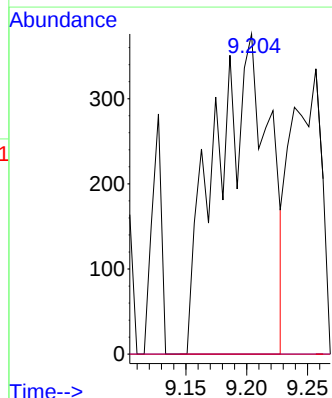
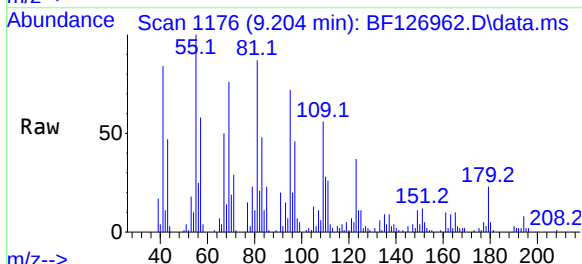
Tgt Ion:196 Resp: 1147

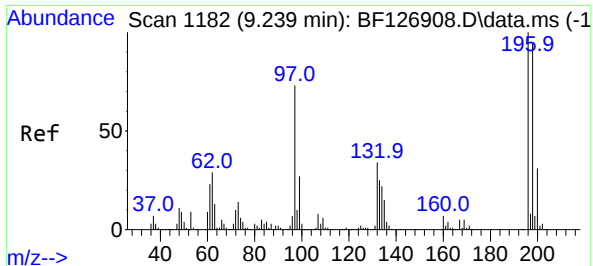
Ion Ratio Lower Upper

196 100

198 0.0 78.5 117.7#

200 0.0 24.9 37.3#

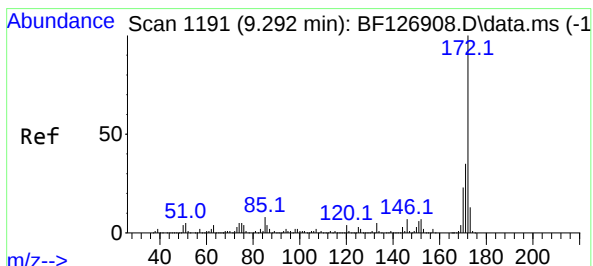
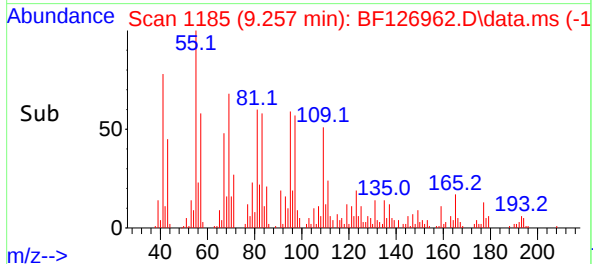
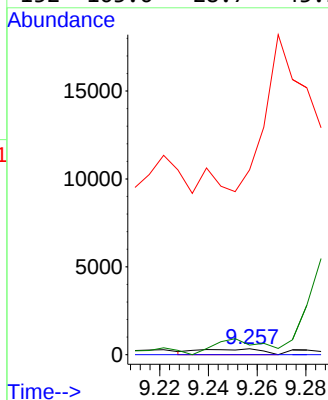
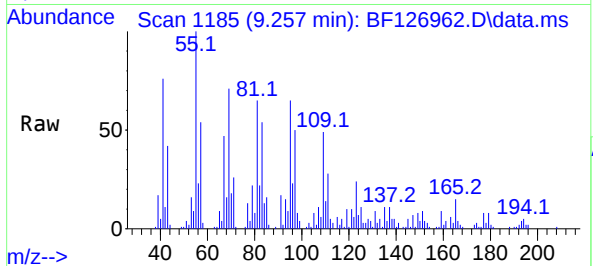




#44
2,4,5-Trichlorophenol
Concen: 0.191 ng
RT: 9.257 min Scan# 1185
Delta R.T. 0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

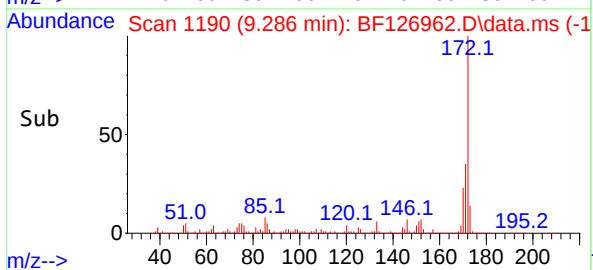
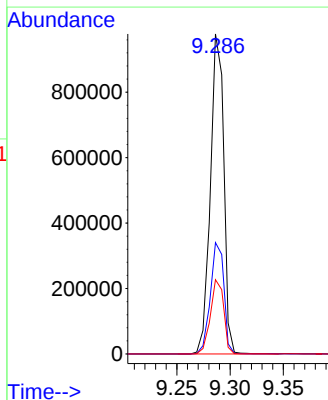
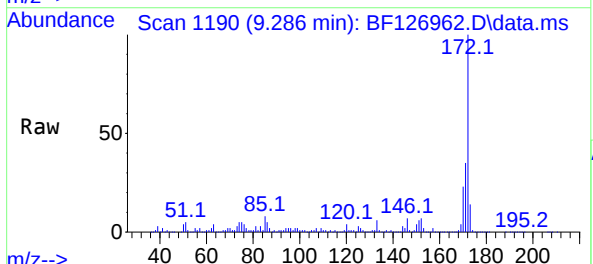
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

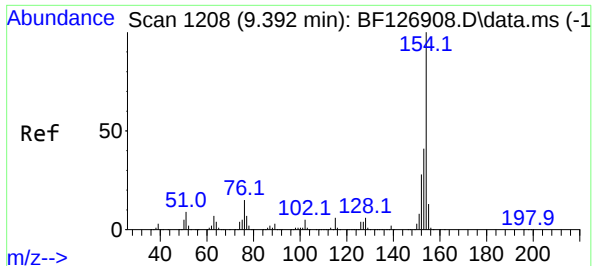
Tgt Ion:196 Resp: 572
Ion Ratio Lower Upper
196 100
198 0.0 82.0 123.0#
97 3138.5 53.5 80.3#
132 163.6 28.7 43.1#



#45
2-Fluorobiphenyl
Concen: 85.202 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:172 Resp: 853923
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 19.0 28.6





#46

1,1'-Biphenyl

Concen: 0.685 ng

RT: 9.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126962.D

Acq: 18 Feb 2022 19:59

Instrument :

BNA_F

ClientSampleId :

RO-CONCRETE-COMP

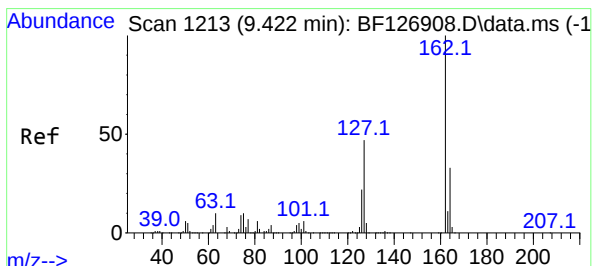
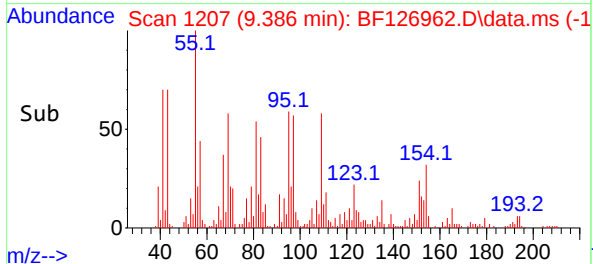
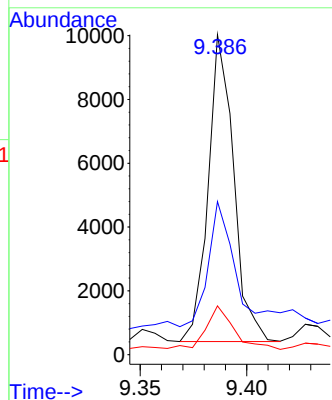
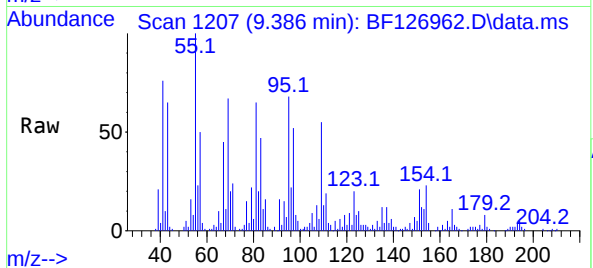
Tgt Ion:154 Resp: 8013

Ion Ratio Lower Upper

154 100

153 47.9 19.0 59.0

76 15.2 0.0 34.5



#47

2-Chloronaphthalene

Concen: 0.025 ng

RT: 9.422 min Scan# 1213

Delta R.T. -0.000 min

Lab File: BF126962.D

Acq: 18 Feb 2022 19:59

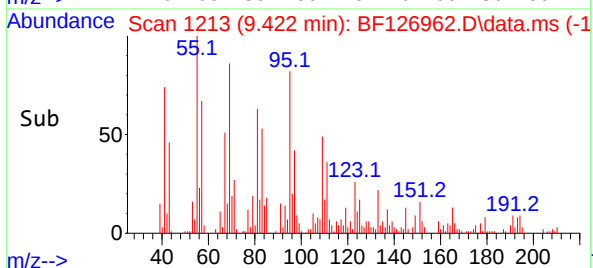
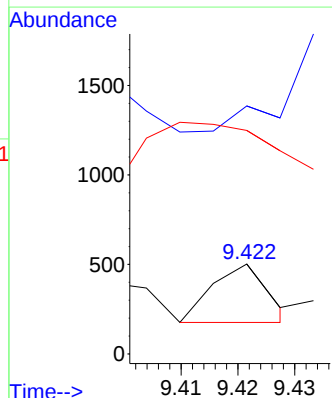
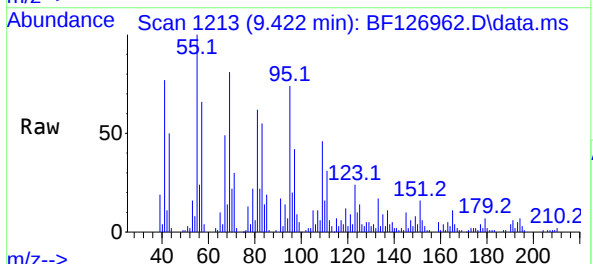
Tgt Ion:162 Resp: 221

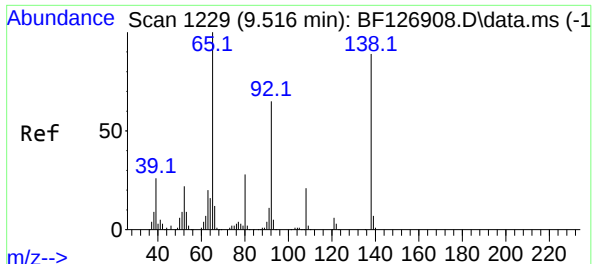
Ion Ratio Lower Upper

162 100

127 276.1 33.5 50.3#

164 248.8 26.2 39.4#

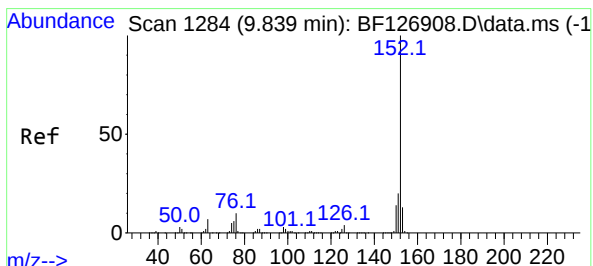
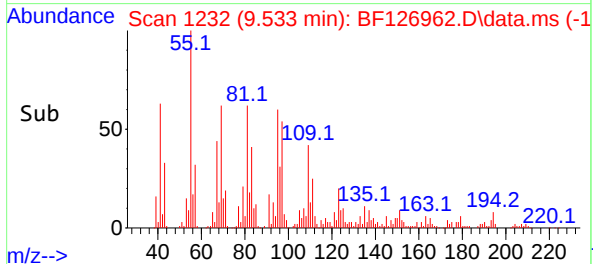
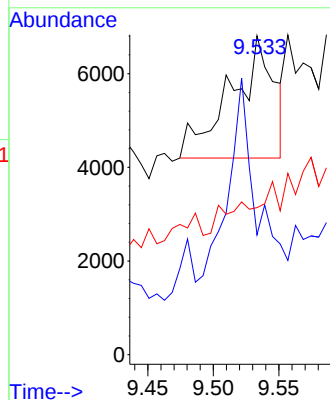
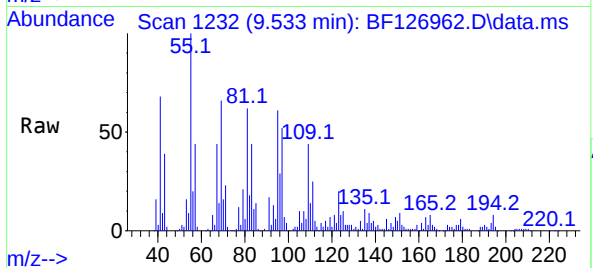




#48
2-Nitroaniline
Concen: 1.742 ng
RT: 9.533 min Scan# 1229
Delta R.T. 0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

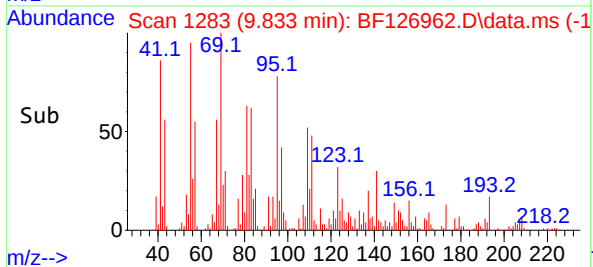
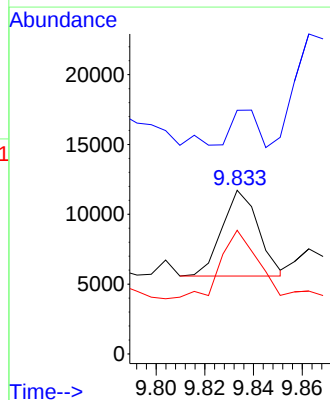
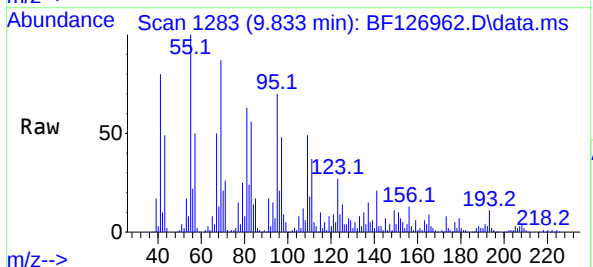
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

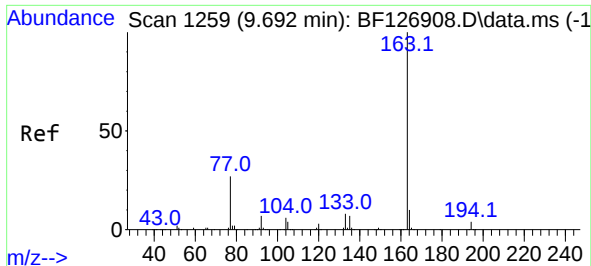
Tgt Ion: 65 Resp: 5958
Ion Ratio Lower Upper
65 100
92 37.6 54.4 81.6#
138 46.1 72.5 108.7#



#49
Acenaphthylene
Concen: 0.451 ng
RT: 9.833 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion: 152 Resp: 6348
Ion Ratio Lower Upper
152 100
151 148.9 15.7 23.5#
153 75.6 11.4 17.0#

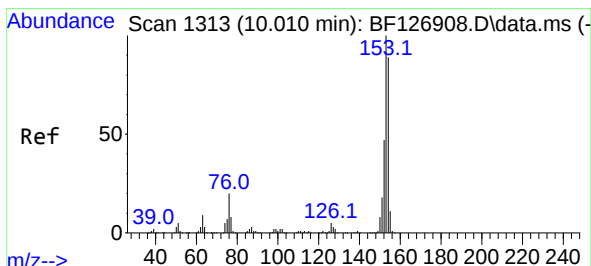
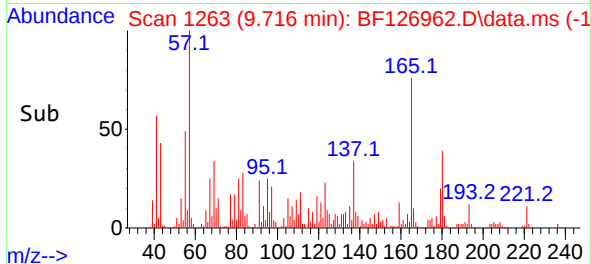
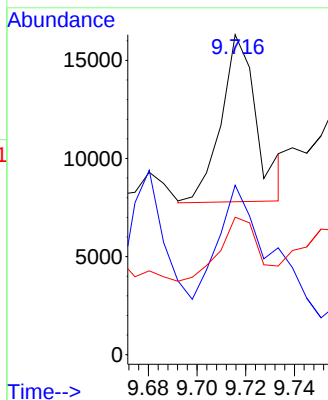
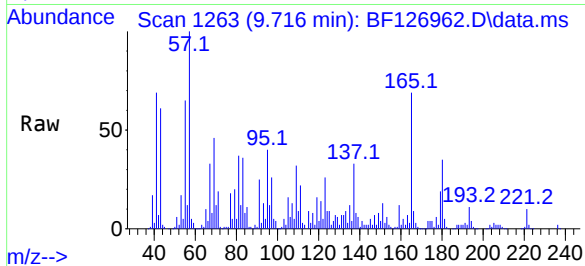




#50
Dimethylphthalate
Concen: 0.825 ng
RT: 9.716 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

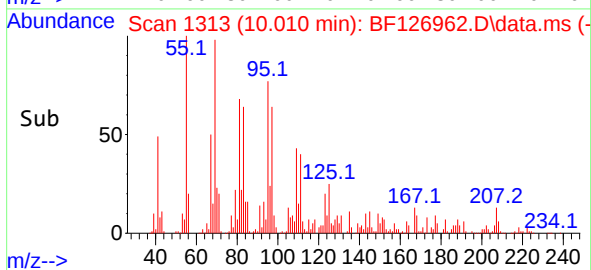
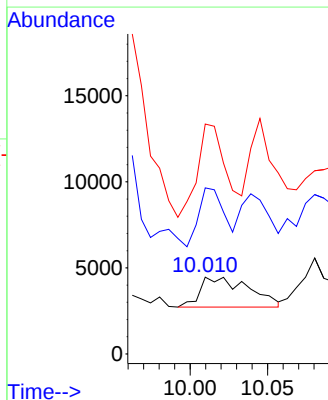
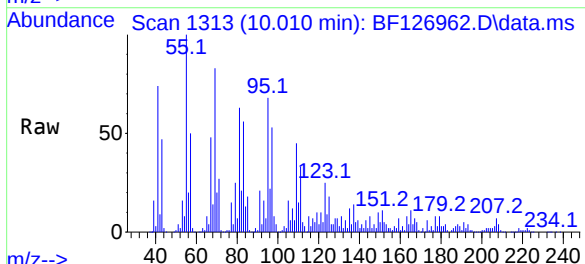
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

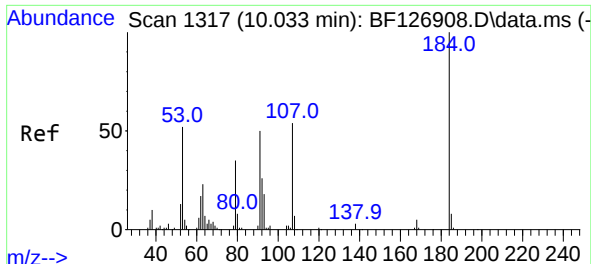
Tgt Ion:163 Resp: 8705
Ion Ratio Lower Upper
163 100
194 53.0 2.6 3.8#
164 42.9 7.8 11.8#



#52
Acenaphthene
Concen: 0.415 ng
RT: 10.010 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:154 Resp: 3803
Ion Ratio Lower Upper
154 100
153 216.1 87.8 131.6#
152 299.2 39.4 59.2#

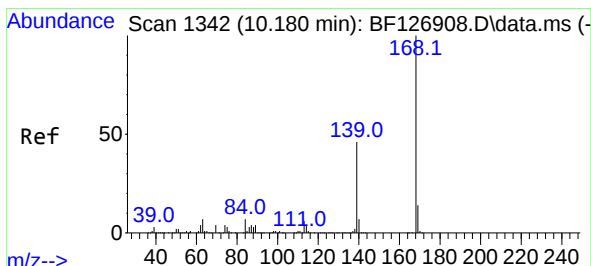
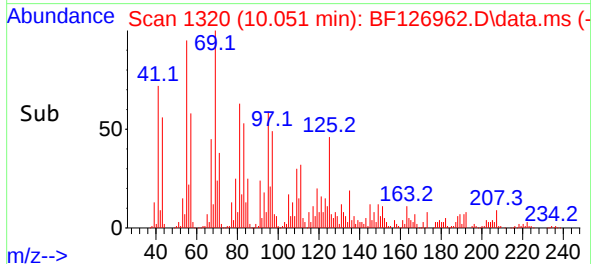
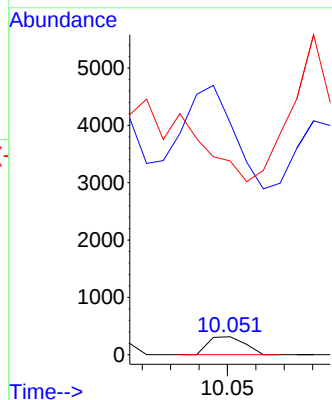
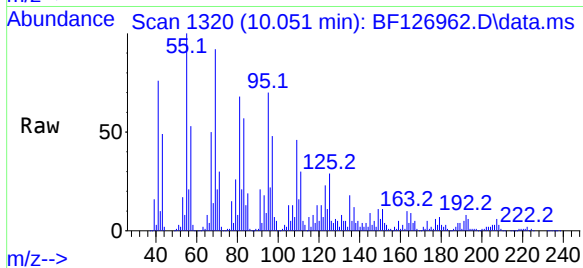




#54
2,4-Dinitrophenol
Concen: 0.247 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

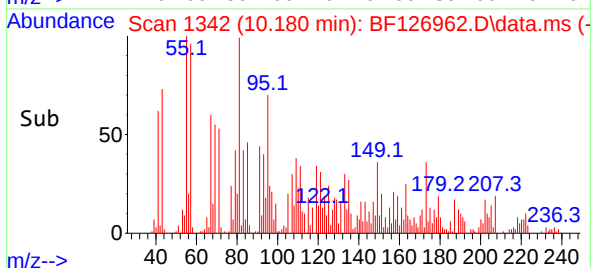
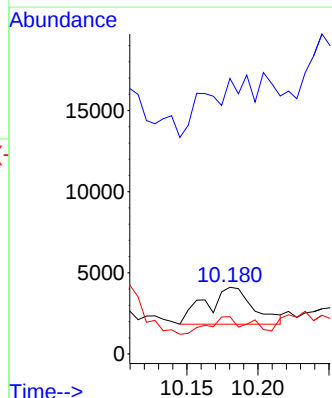
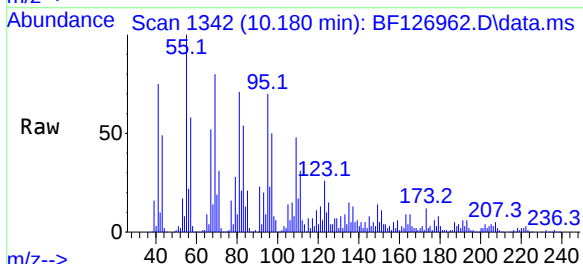
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

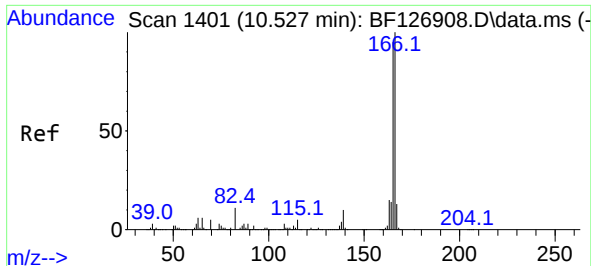
Tgt Ion:184 Resp: 280
Ion Ratio Lower Upper
184 100
63 1297.4 70.4 105.6#
154 1083.3 49.7 74.5#



#55
Dibenzofuran
Concen: 0.424 ng
RT: 10.180 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:168 Resp: 5335
Ion Ratio Lower Upper
168 100
139 412.4 30.6 46.0#
169 55.7 10.0 15.0#

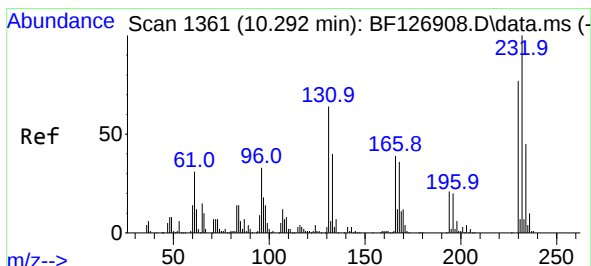
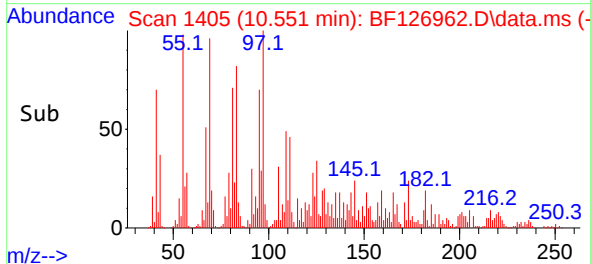
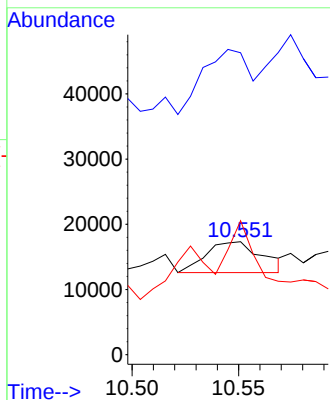
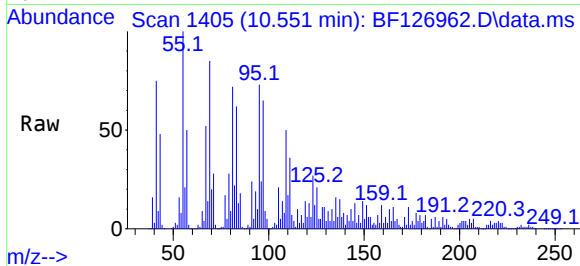




#58
Fluorene
Concen: 0.880 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.024 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

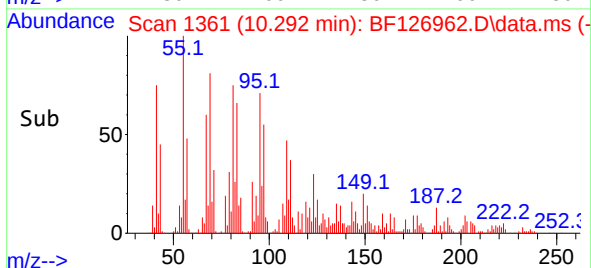
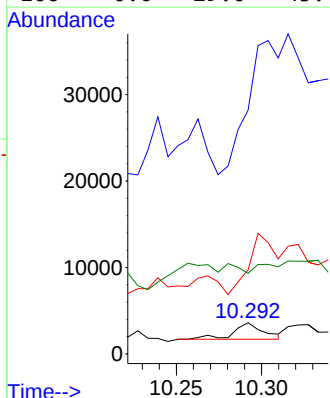
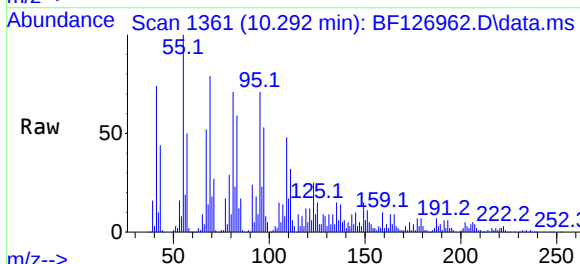
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

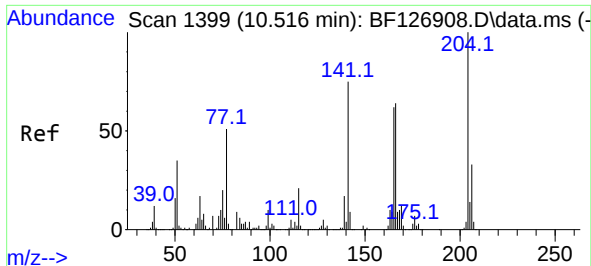
Tgt Ion:166 Resp: 8630
Ion Ratio Lower Upper
166 100
165 267.3 77.7 116.5#
167 118.6 10.7 16.1#



#59
2,3,4,6-Tetrachlorophenol
Concen: 0.985 ng
RT: 10.292 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:232 Resp: 2340
Ion Ratio Lower Upper
232 100
131 0.0 50.0 75.0#
130 325.7 2.2 3.2#
166 0.0 29.0 43.4#

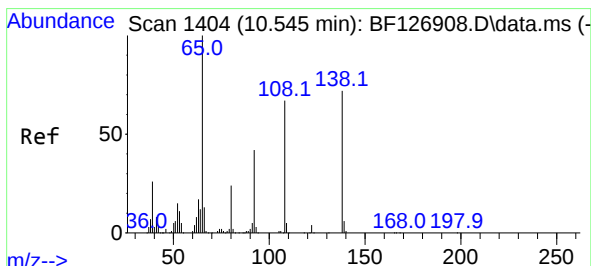
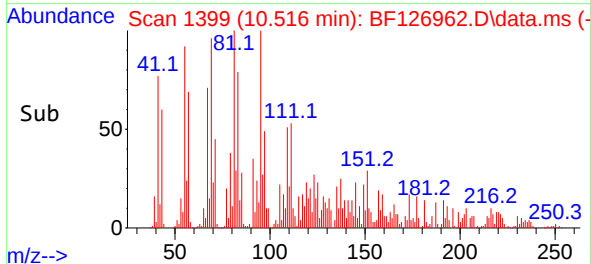
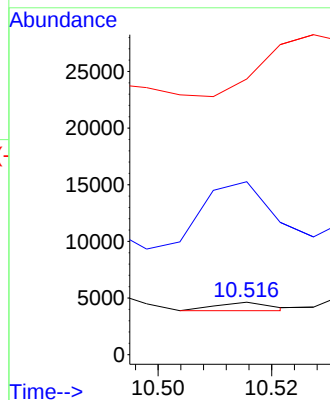
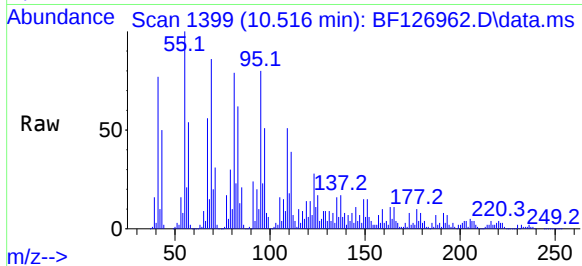




#61
4-Chlorophenyl-phenylether
Concen: 0.110 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

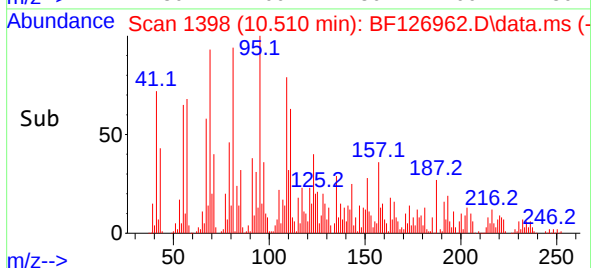
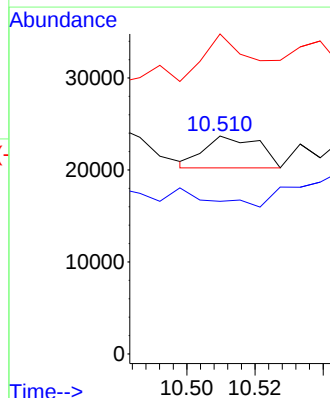
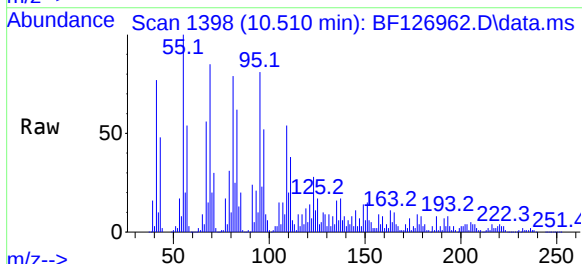
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

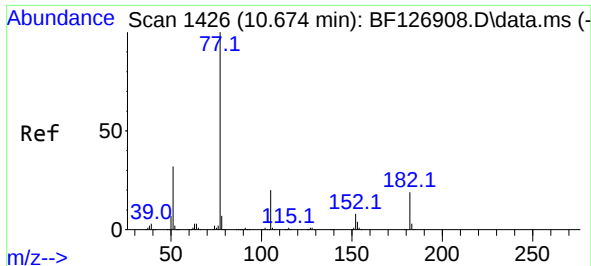
Tgt Ion:204 Resp: 509
Ion Ratio Lower Upper
204 100
206 330.1 26.3 39.5#
141 526.0 59.0 88.6#



#62
4-Nitroaniline
Concen: 1.464 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.035 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:138 Resp: 3793
Ion Ratio Lower Upper
138 100
92 70.1 36.2 76.2
108 146.8 46.7 86.7#

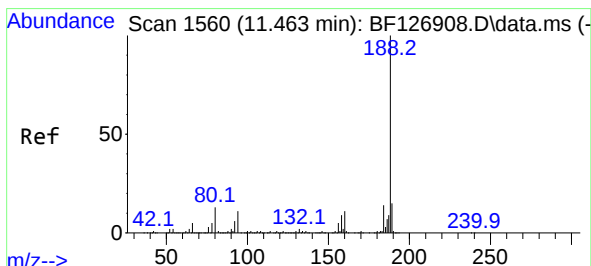
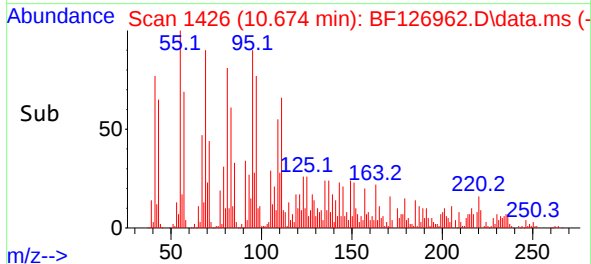
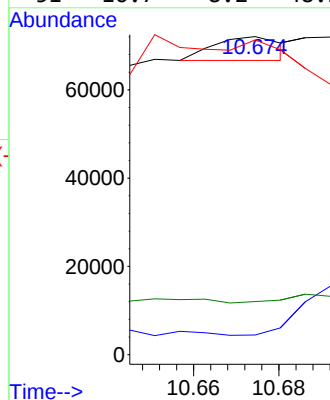
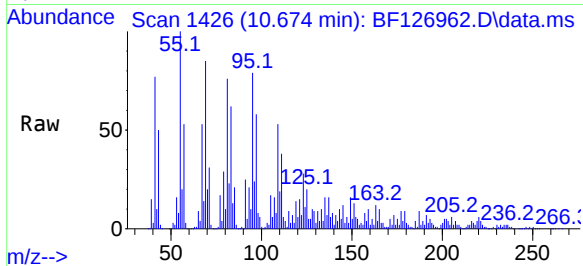




#63
Azobenzene
Concen: 0.485 ng
RT: 10.674 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

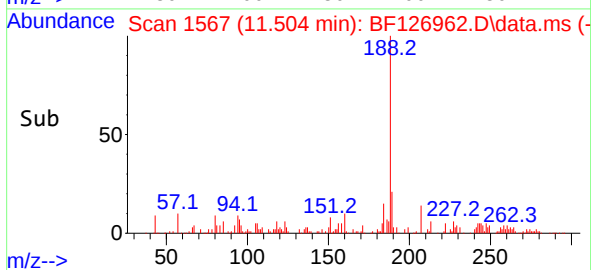
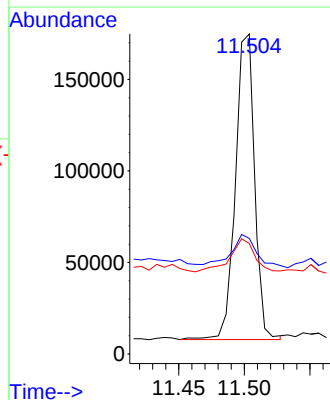
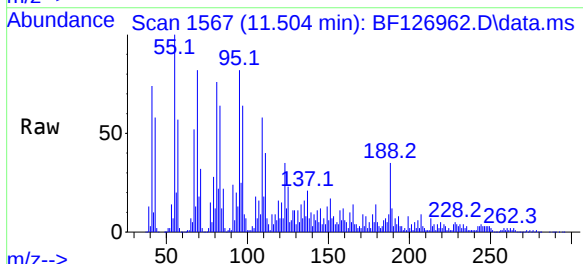
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

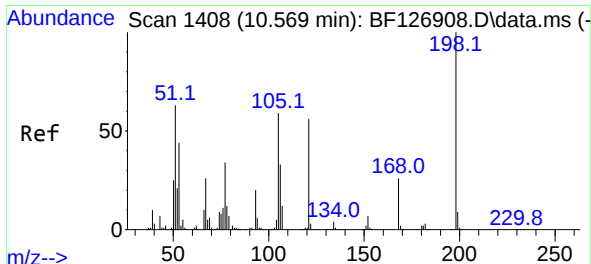
Tgt Ion: 77	Resp:	5949	
Ion	Ratio	Lower	Upper
77	100		
182	6.2	0.0	39.0
105	99.0	3.2	43.2#
51	16.7	8.2	48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1567
Delta R.T. 0.041 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:188	Resp:	169973	
Ion Ratio	Lower	Upper	
188 100			
94 36.1	10.1	15.1#	
80 34.5	11.8	17.6#	

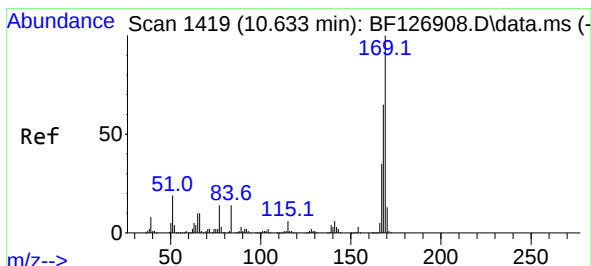
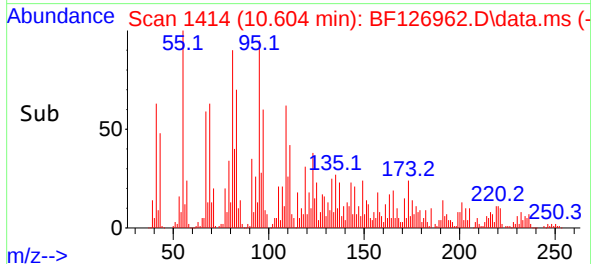
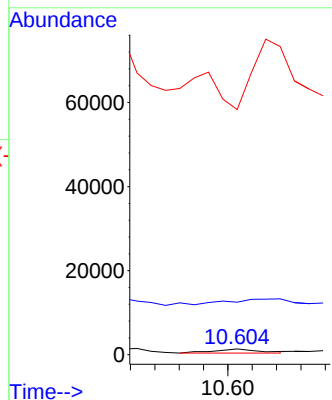
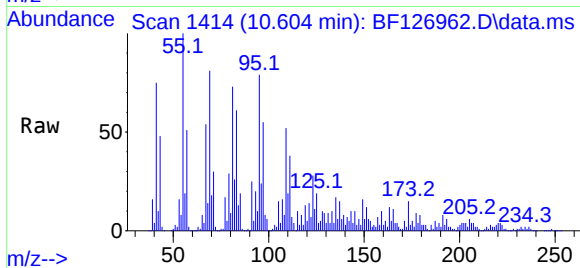




#65
4,6-Dinitro-2-methylphenol
Concen: 1.278 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.035 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

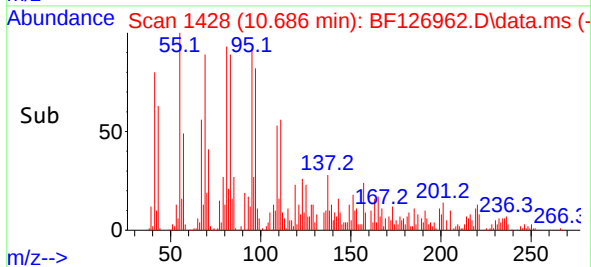
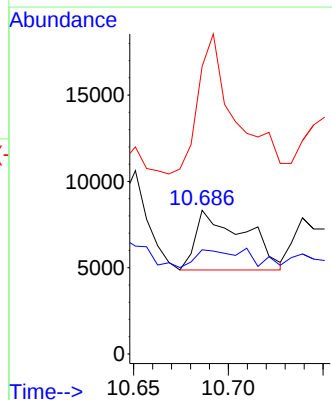
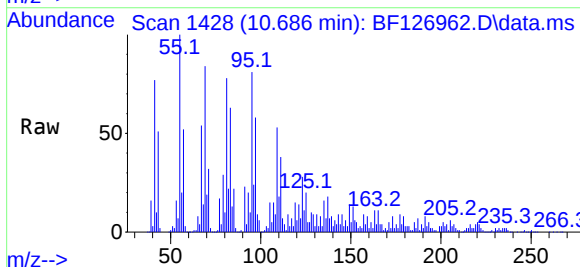
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

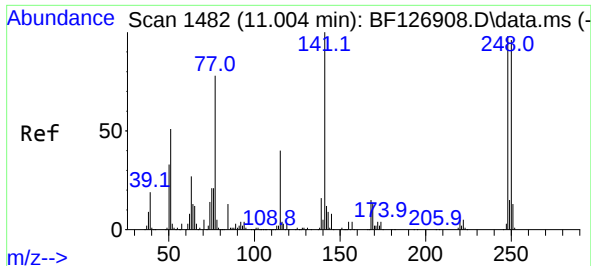
Tgt Ion:198 Resp: 1276
Ion Ratio Lower Upper
198 100
51 919.7 32.0 72.0#
105 4298.9 32.7 72.7#



#66
n-Nitrosodiphenylamine
Concen: 1.105 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.053 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:169 Resp: 6160
Ion Ratio Lower Upper
169 100
168 72.5 53.4 80.0
167 200.1 29.4 44.0#

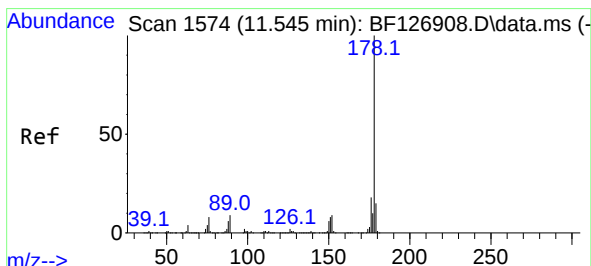
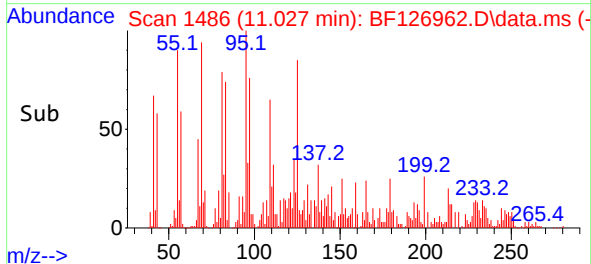
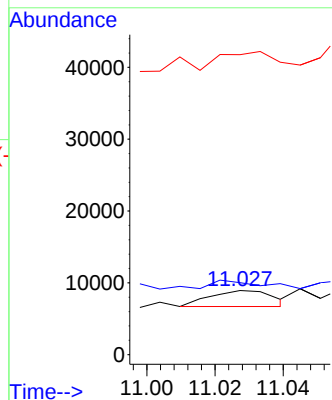
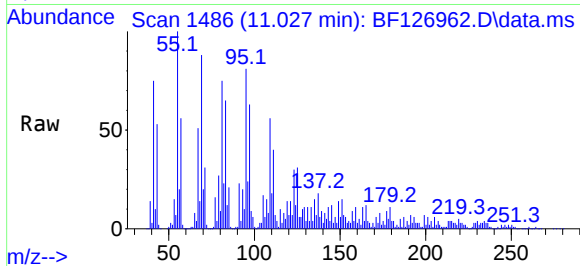




#67
4-Bromophenyl-phenylether
Concen: 1.510 ng
RT: 11.027 min Scan# 1486
Delta R.T. 0.024 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

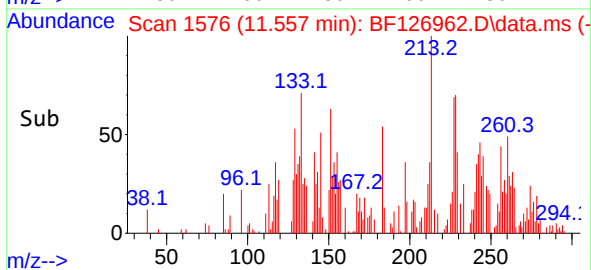
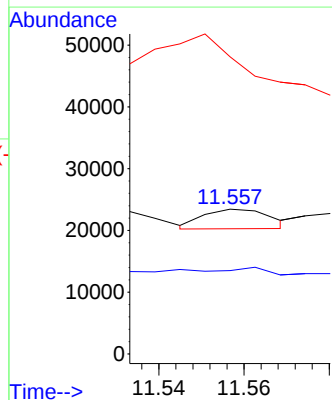
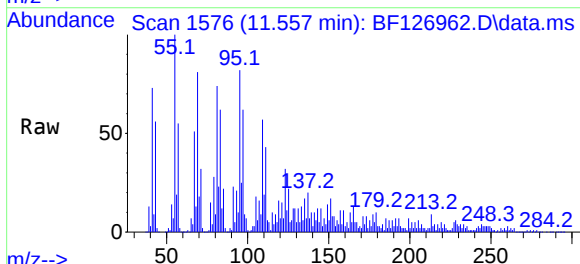
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

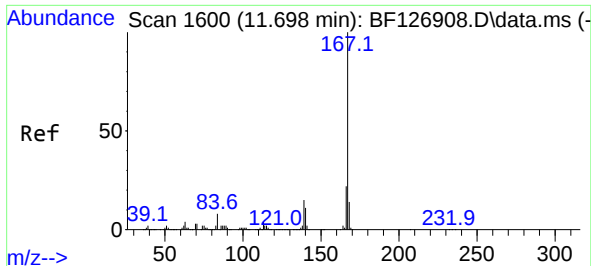
Tgt Ion:248 Resp: 2867
Ion Ratio Lower Upper
248 100
250 112.4 76.2 114.4
141 467.9 66.2 99.4#



#72
Anthracene
Concen: 0.363 ng
RT: 11.557 min Scan# 1576
Delta R.T. 0.012 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:178 Resp: 3440
Ion Ratio Lower Upper
178 100
176 57.5 15.0 22.6#
179 205.1 12.5 18.7#

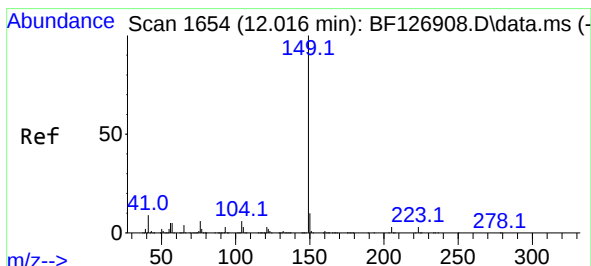
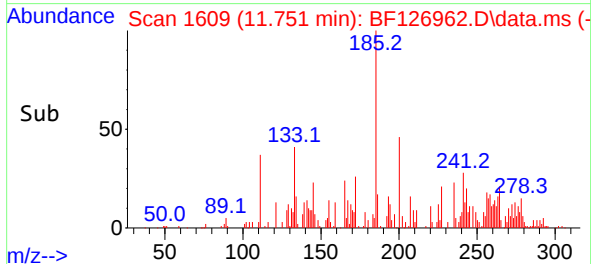
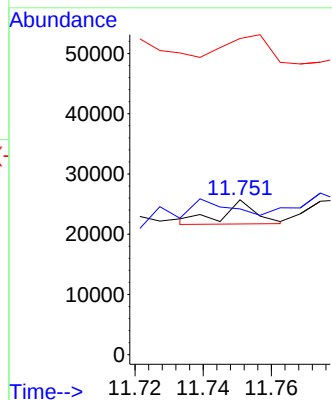
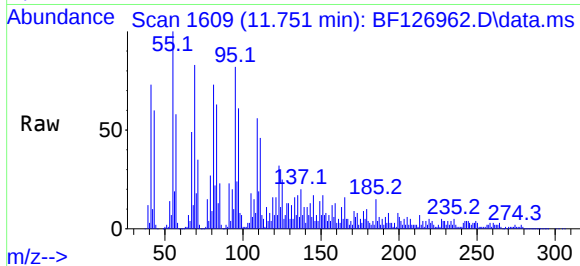




#73
 Carbazole
 Concen: 0.314 ng
 RT: 11.751 min Scan# 1609
 Delta R.T. 0.053 min
 Lab File: BF126962.D
 Acq: 18 Feb 2022 19:59

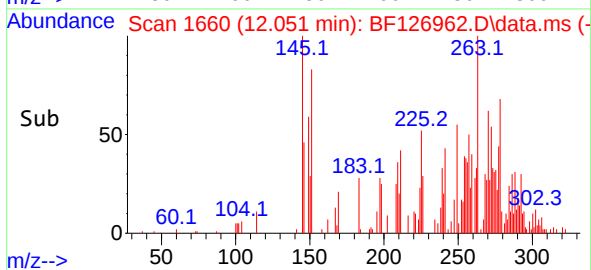
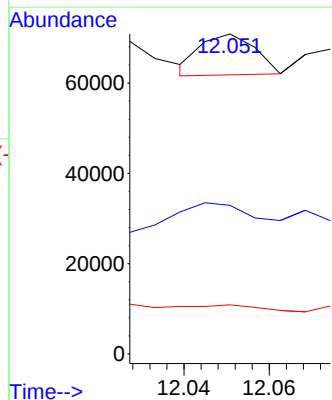
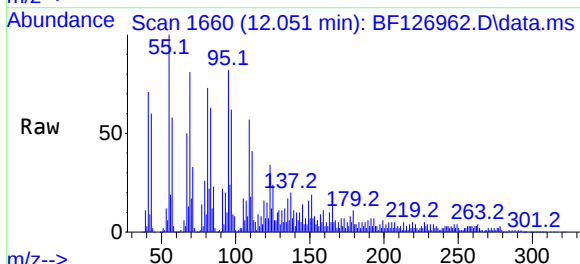
Instrument :
 BNA_F
 ClientSampleId :
 RO-CONCRETE-COMP

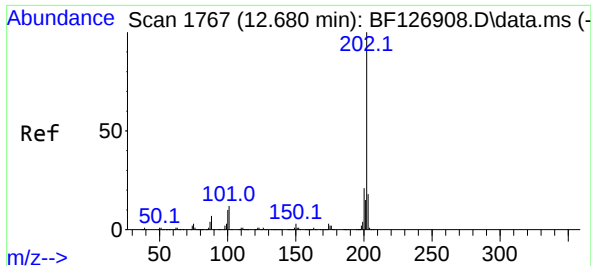
Tgt Ion:167 Resp: 2731
 Ion Ratio Lower Upper
 167 100
 166 94.0 16.9 25.3#
 139 204.0 11.3 16.9#



#74
 Di-n-butylphthalate
 Concen: 0.718 ng
 RT: 12.051 min Scan# 1660
 Delta R.T. 0.035 min
 Lab File: BF126962.D
 Acq: 18 Feb 2022 19:59

Tgt Ion:149 Resp: 8012
 Ion Ratio Lower Upper
 149 100
 150 46.4 7.2 10.8#
 104 15.4 4.2 6.2#

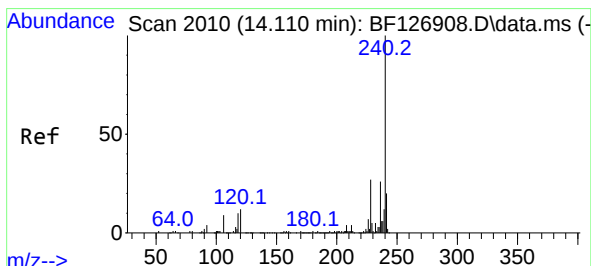
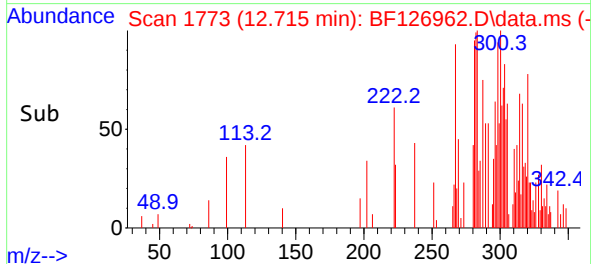
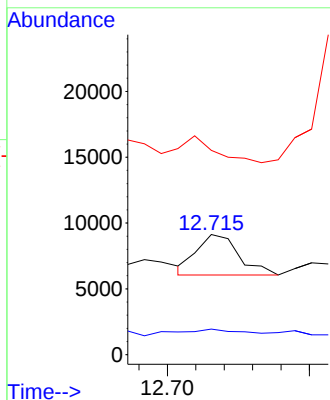
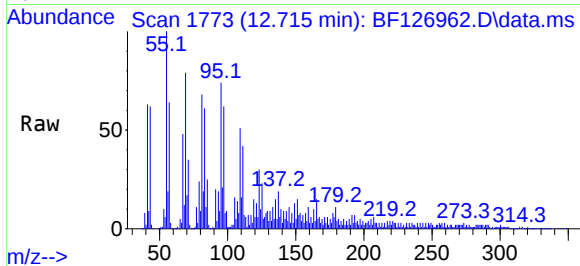




#75
Fluoranthene
Concen: 0.349 ng
RT: 12.715 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

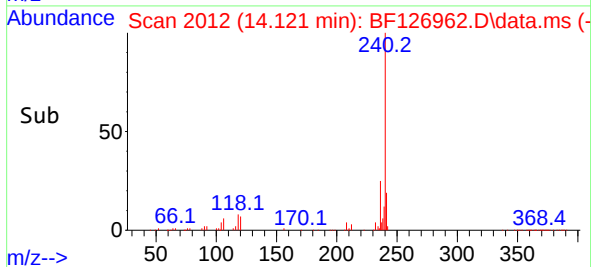
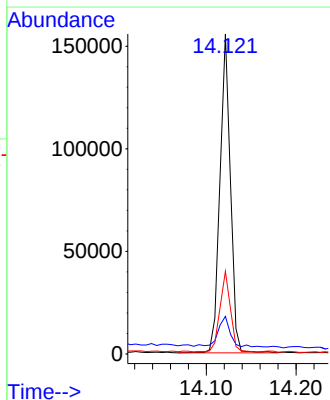
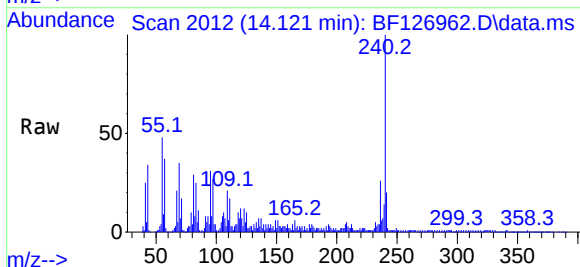
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

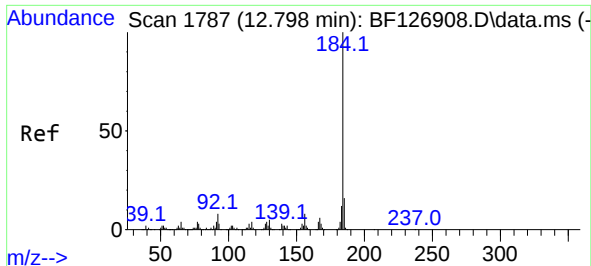
Tgt Ion:202 Resp: 3152
Ion Ratio Lower Upper
202 100
101 21.3 0.0 35.7
203 170.0 0.0 37.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2012
Delta R.T. 0.012 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:240 Resp: 125861
Ion Ratio Lower Upper
240 100
120 11.8 14.4 21.6#
236 25.8 20.5 30.7

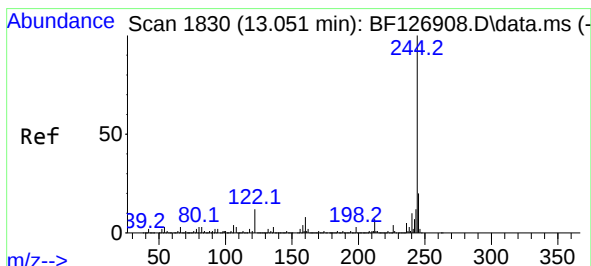
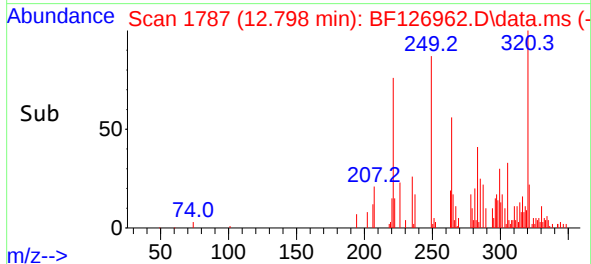
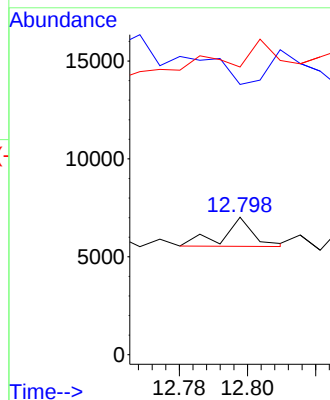
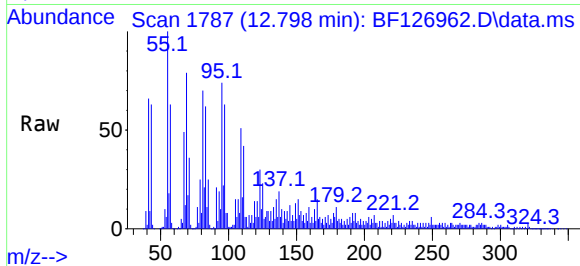




#77
Benzidine
Concen: 0.268 ng
RT: 12.798 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

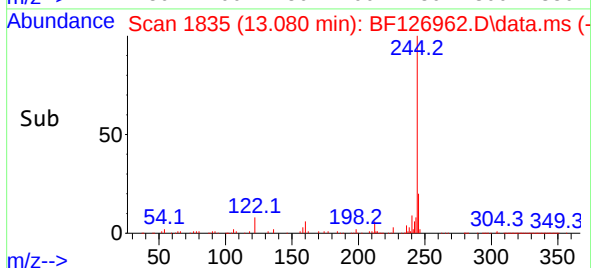
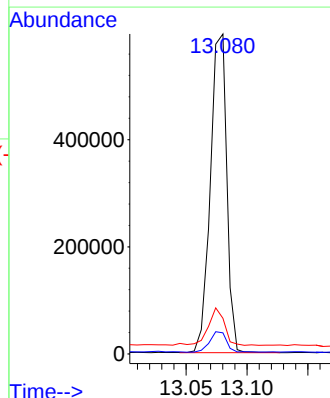
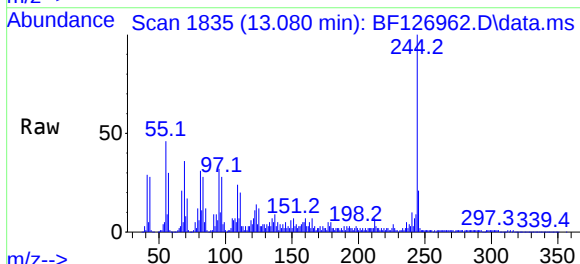
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

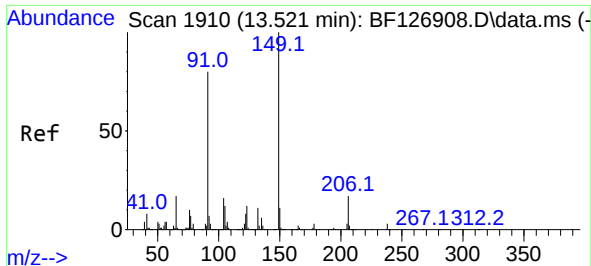
Tgt Ion:184 Resp: 918
Ion Ratio Lower Upper
184 100
185 196.6 11.8 17.8#
183 209.2 8.2 12.2#



#79
Terphenyl-d14
Concen: 65.178 ng
RT: 13.080 min Scan# 1835
Delta R.T. 0.029 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:244 Resp: 558040
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 11.2 13.3 19.9#

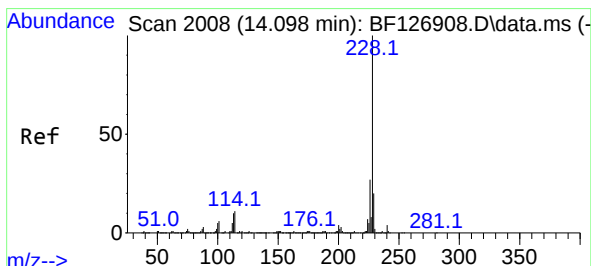
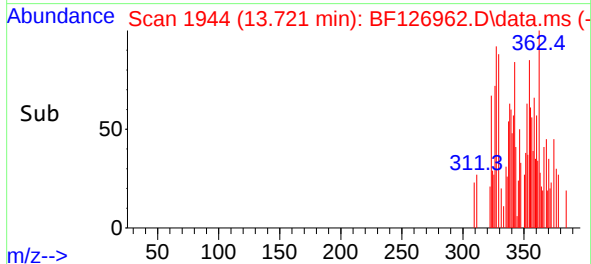
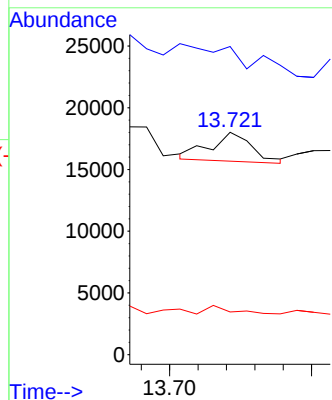
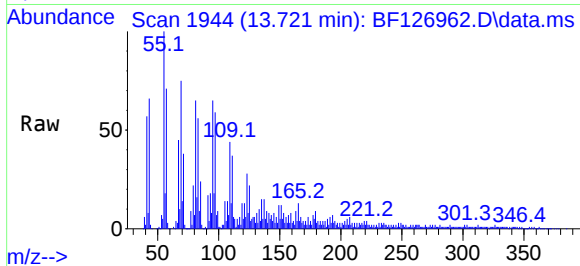




#80
Butylbenzylphthalate
Concen: 0.447 ng
RT: 13.721 min Scan# 1910
Delta R.T. 0.200 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

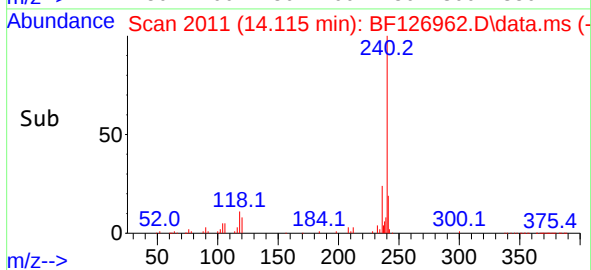
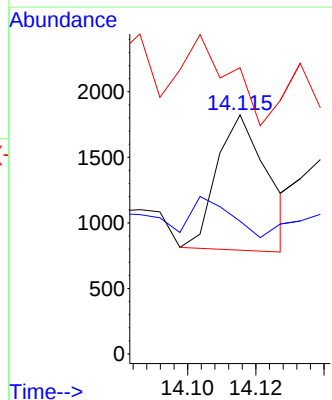
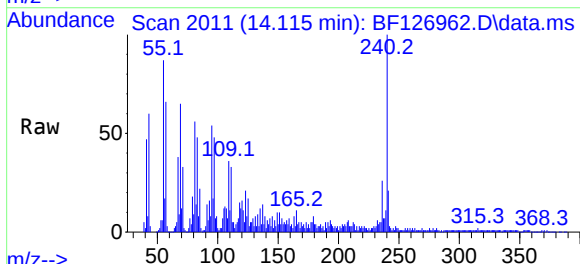
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

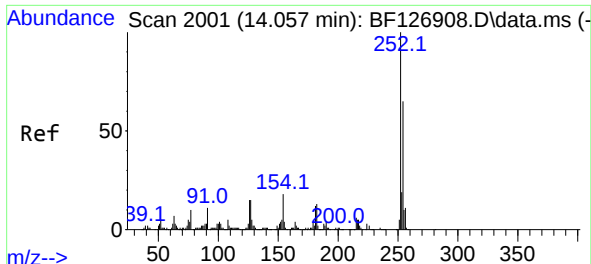
Tgt Ion:149 Resp: 2315
Ion Ratio Lower Upper
149 100
91 138.5 70.5 105.7#
206 19.2 12.6 19.0#



#81
Benzo(a)anthracene
Concen: 0.125 ng
RT: 14.115 min Scan# 2011
Delta R.T. 0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:228 Resp: 1058
Ion Ratio Lower Upper
228 100
226 55.5 21.4 32.0#
229 119.7 15.4 23.2#

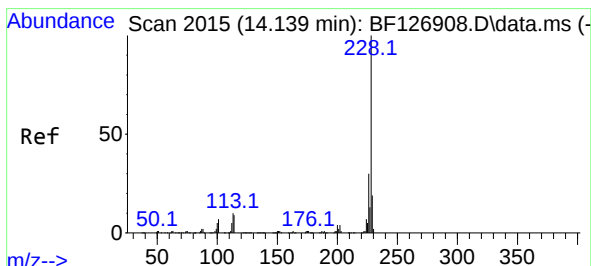
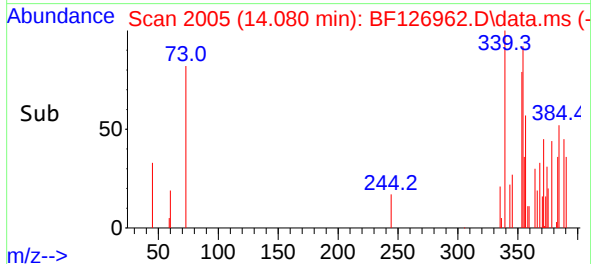
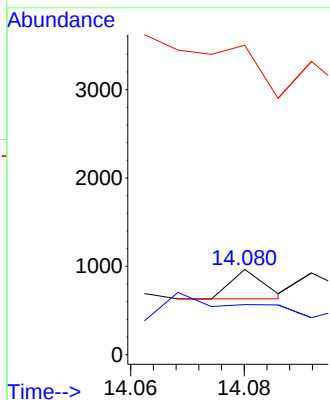
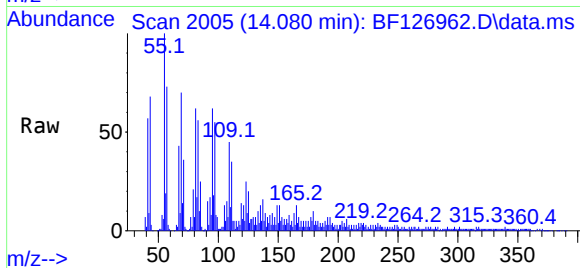




#82
3,3'-Dichlorobenzidine
Concen: 0.051 ng
RT: 14.080 min Scan# 2017
Delta R.T. 0.024 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

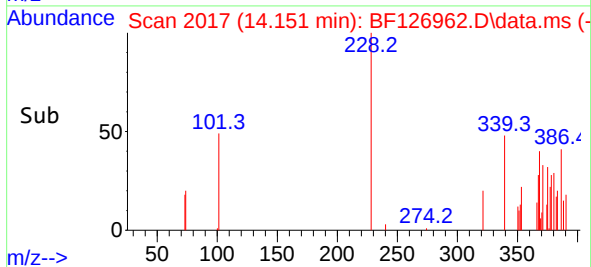
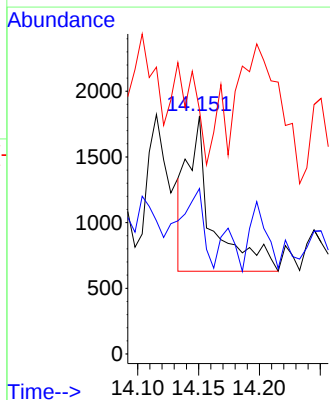
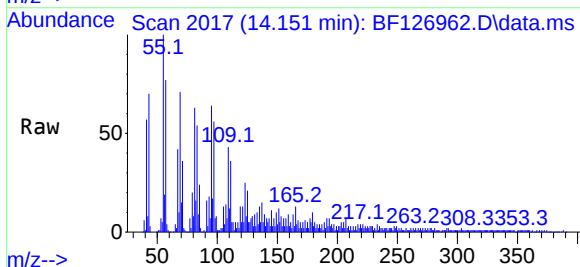
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

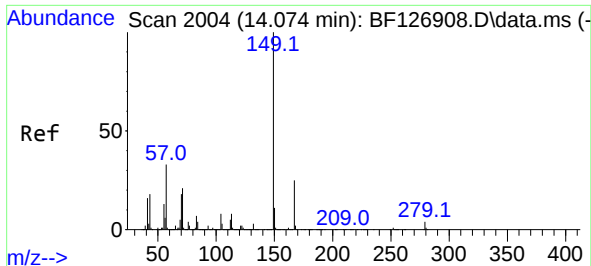
Tgt Ion:252 Resp: 136
Ion Ratio Lower Upper
252 100
254 58.7 51.0 76.4
126 363.0 13.4 20.0#



#83
Chrysene
Concen: 0.214 ng
RT: 14.151 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:228 Resp: 1705
Ion Ratio Lower Upper
228 100
226 69.4 23.7 35.5#
229 102.5 15.5 23.3#

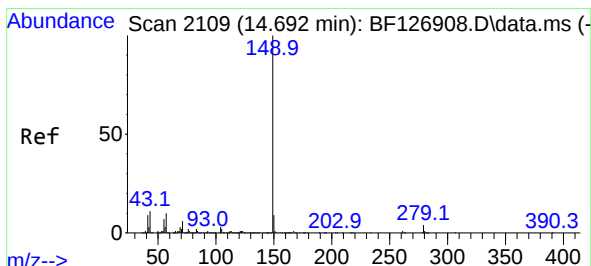
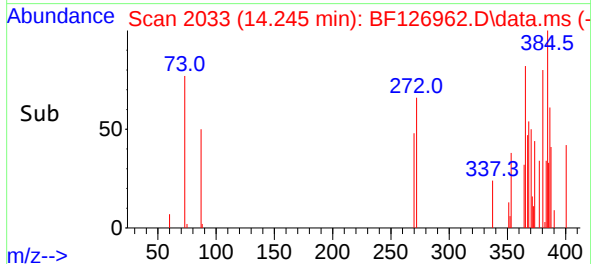
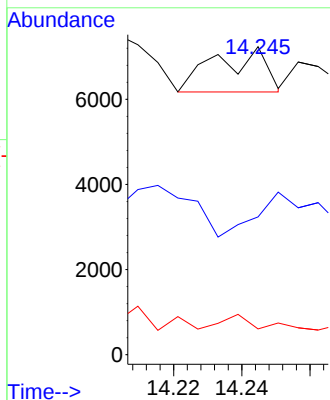
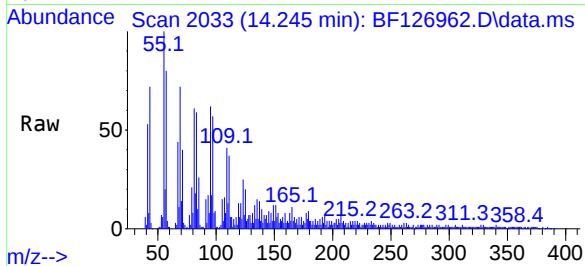




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.160 ng
RT: 14.245 min Scan# 2011
Delta R.T. 0.171 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

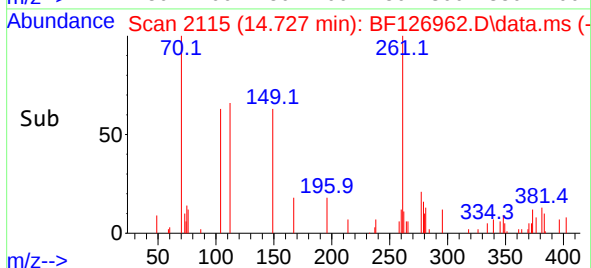
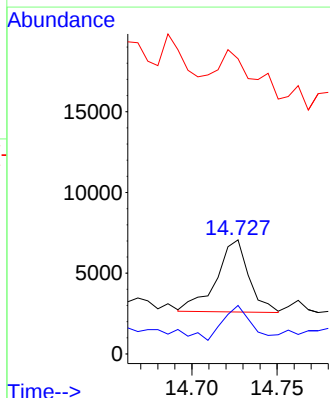
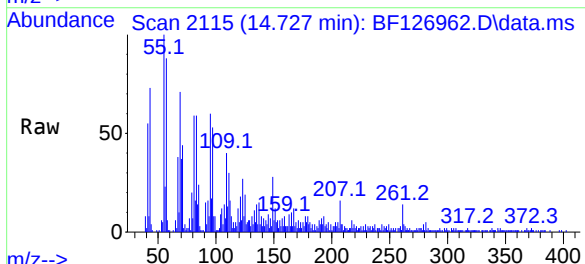
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

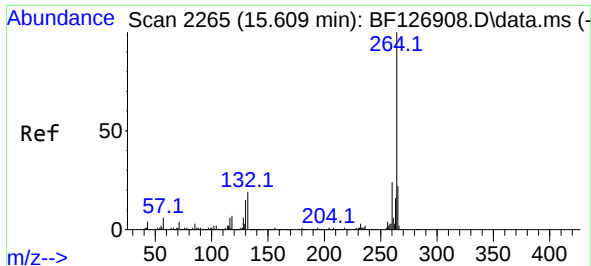
Tgt Ion:149 Resp: 1088
Ion Ratio Lower Upper
149 100
167 44.7 21.4 32.2#
279 8.4 2.4 3.6#



#85
Di-n-octyl phthalate
Concen: 0.602 ng
RT: 14.727 min Scan# 2115
Delta R.T. 0.035 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:149 Resp: 5891
Ion Ratio Lower Upper
149 100
167 40.6 1.1 1.7#
43 0.0 9.9 14.9#

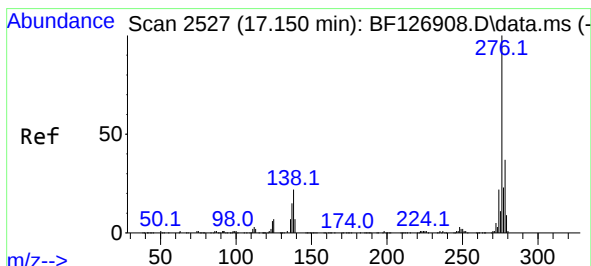
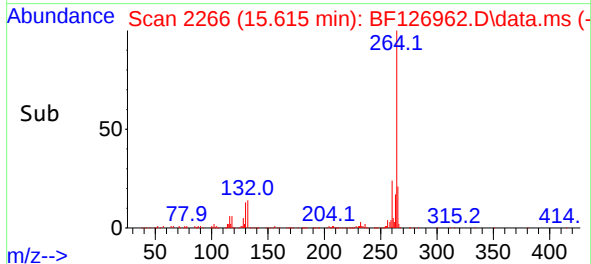
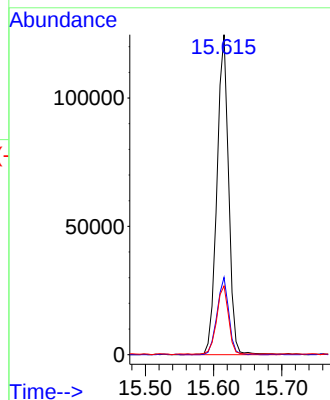
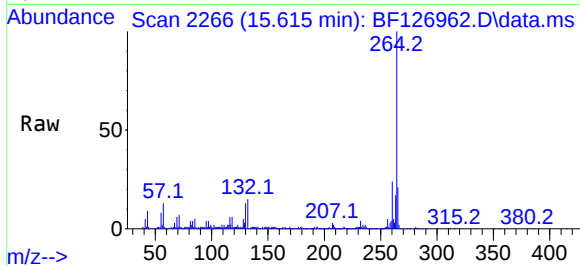




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

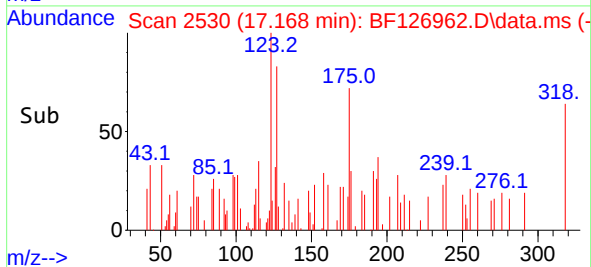
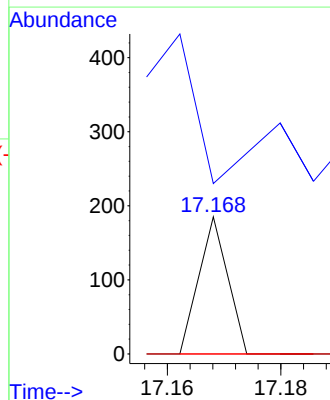
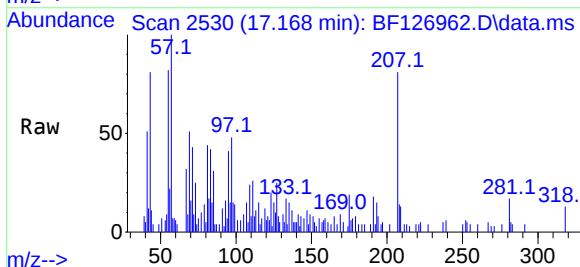
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

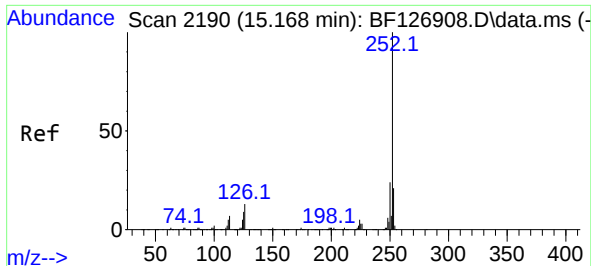
Tgt Ion:264 Resp: 148443
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 21.5 17.4 26.2



#87
Indeno(1,2,3-cd)pyrene
Concen: 0.007 ng
RT: 17.168 min Scan# 2530
Delta R.T. 0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:276 Resp: 65
Ion Ratio Lower Upper
276 100
138 864.6 29.2 43.8#
277 0.0 19.8 29.8#

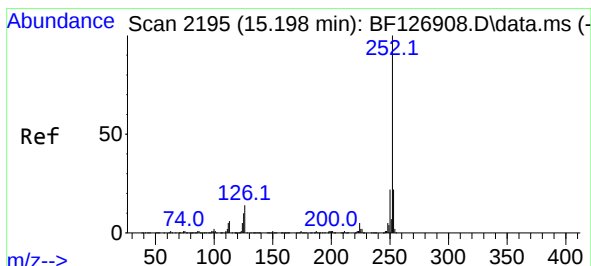
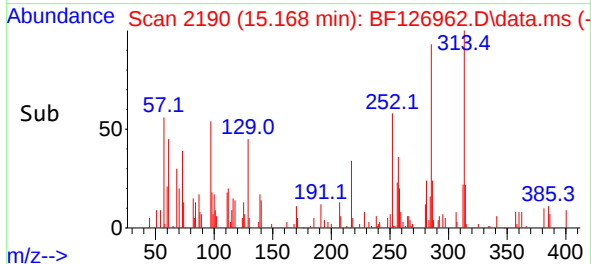
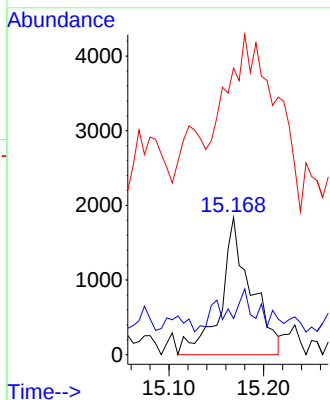
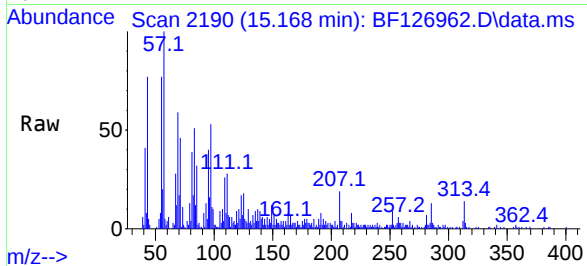




#88
Benzo(b)fluoranthene
Concen: 0.407 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

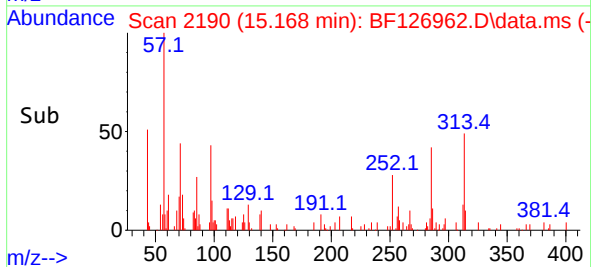
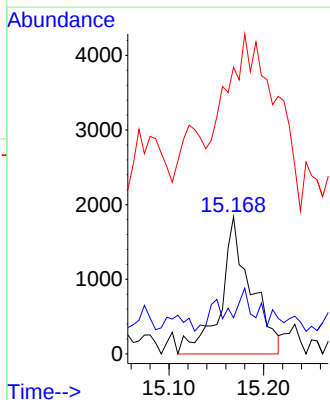
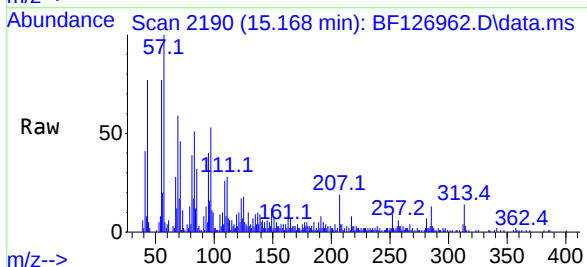
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

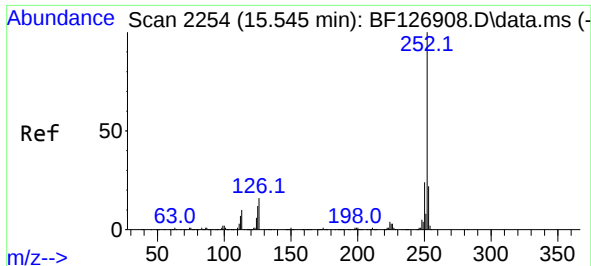
Tgt Ion:252 Resp: 4061
Ion Ratio Lower Upper
252 100
253 26.4 17.8 26.8
125 208.8 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 0.422 ng
RT: 15.168 min Scan# 2190
Delta R.T. -0.029 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

Tgt Ion:252 Resp: 4061
Ion Ratio Lower Upper
252 100
253 26.4 17.5 26.3#
125 208.8 11.8 17.6#

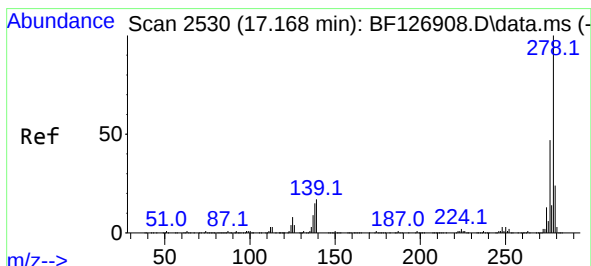
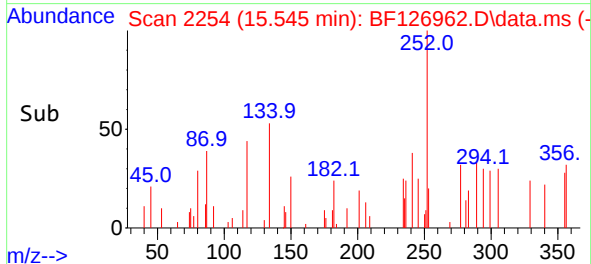
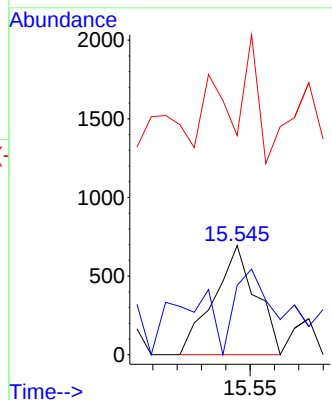
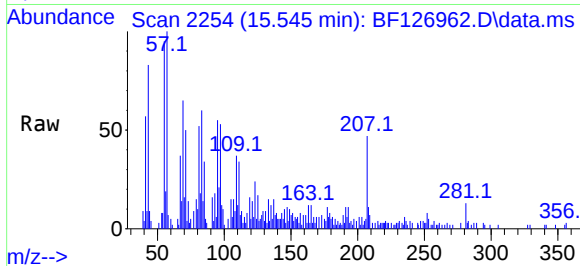




#90
Benzo(a)pyrene
Concen: 0.107 ng
RT: 15.545 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

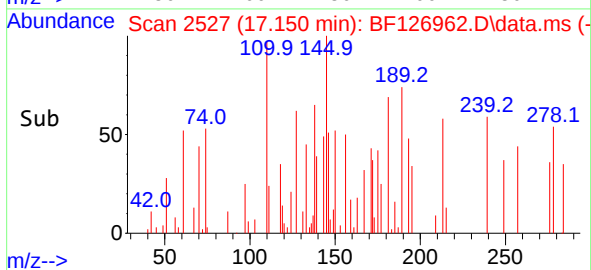
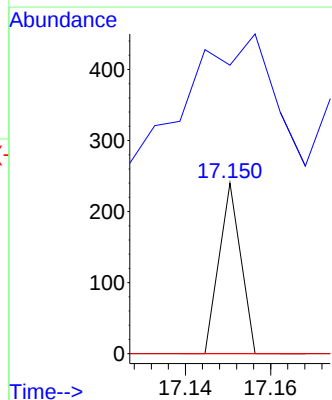
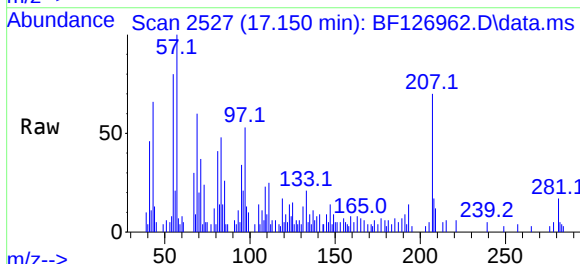
Instrument :
BNA_F
ClientSampleId :
RO-CONCRETE-COMP

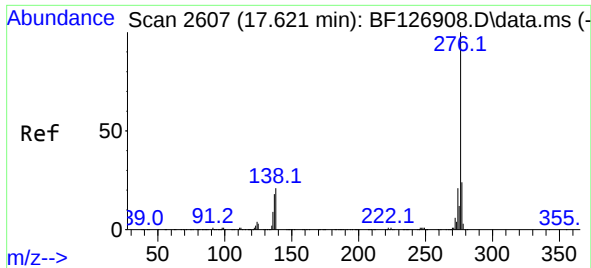
Tgt Ion:252 Resp: 837
Ion Ratio Lower Upper
252 100
253 63.5 17.1 25.7#
125 200.9 13.0 19.6#



#91
Dibenzo(a,h)anthracene
Concen: 0.011 ng
RT: 17.150 min Scan# 2527
Delta R.T. -0.018 min
Lab File: BF126962.D
Acq: 18 Feb 2022 19:59

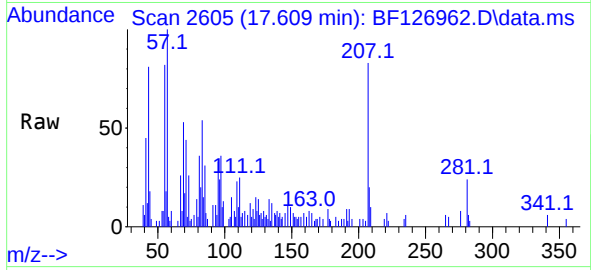
Tgt Ion:278 Resp: 85
Ion Ratio Lower Upper
278 100
139 169.2 18.0 27.0#
279 0.0 18.6 27.8#





#92
 Benzo(g,h,i)perylene
 Concen: 0.083 ng
 RT: 17.609 min Scan# 20
 Delta R.T. -0.012 min
 Lab File: BF126962.D
 Acq: 18 Feb 2022 19:59

Instrument :
 BNA_F
 ClientSampleId :
 RO-CONCRETE-COMP



Tgt Ion:	276	Resp:	655
Ion Ratio	Lower	Upper	
276	100		
277	0.0	18.5	27.7#
138	66.6	25.9	38.9#

