

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
 Data File : BF123190.D
 Acq On : 11 Feb 2021 17:35
 Operator : JU/CG
 Sample : M1367-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERIOR-CONCRETE-2

Quant Time: Feb 11 18:03:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 14:10:38 2021
 Response via : Initial Calibration

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

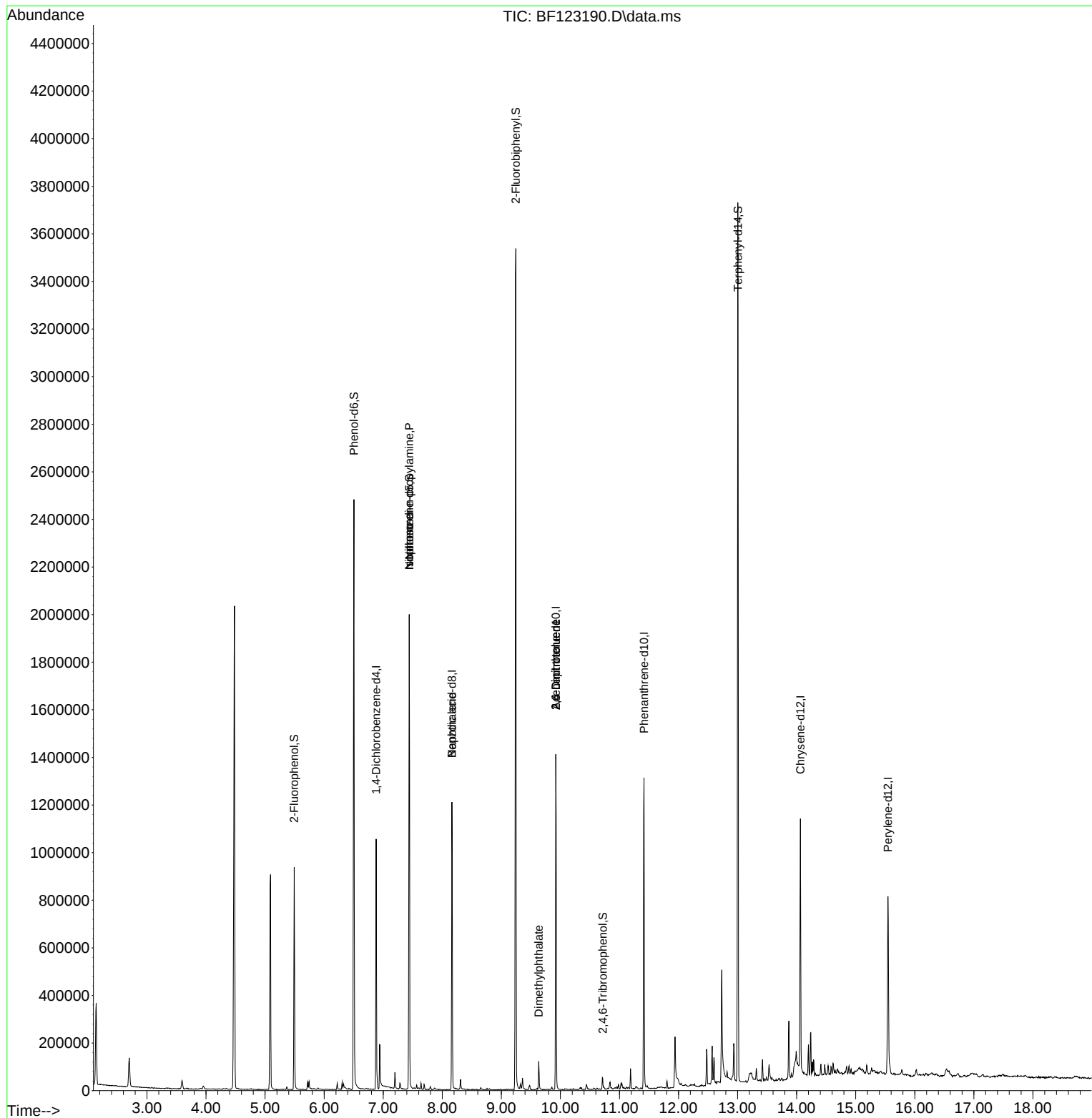
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	139129	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	537586	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	282145	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	491449	20.00	ng	0.00
76) Chrysene-d12	14.063	240	354882	20.00	ng	-0.01
86) Perylene-d12	15.545	264	344995	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	237337	26.31	ng	0.00
7) Phenol-d6	6.504	99	821558	67.20	ng	0.00
23) Nitrobenzene-d5	7.440	82	619818	58.03	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	6866	2.24	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1155115	60.86	ng	0.00
79) Terphenyl-d14	13.004	244	1133988	62.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	84804	11.54	ng	Qvalue # 80
25) Isophorone	7.440	82	619809	31.68	ng	# 65
32) Benzoic acid	8.163	122	108	4.93	ng	# 1
50) Dimethylphthalate	9.634	163	45639	2.06	ng	100
51) 2,6-Dinitrotoluene	9.922	165	35554	7.54	ng	# 31
57) 2,4-Dinitrotoluene	9.922	165	35554	5.80	ng	# 25

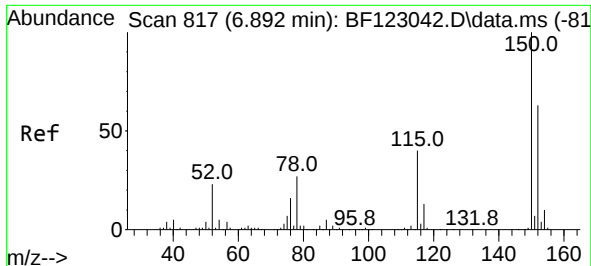
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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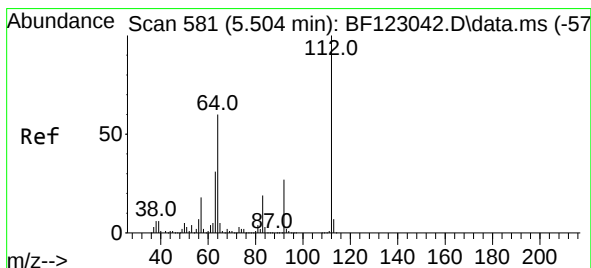
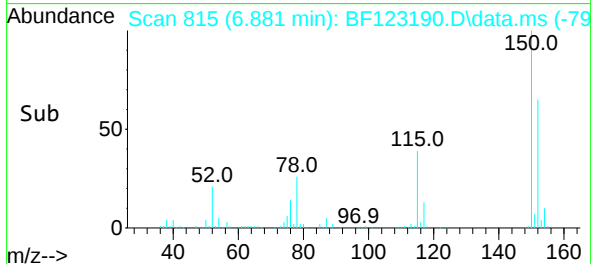
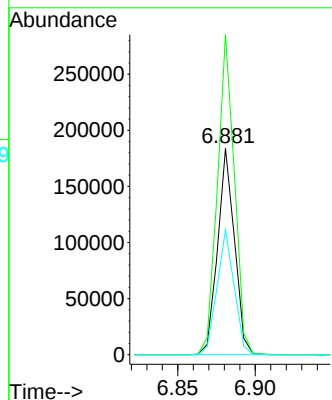
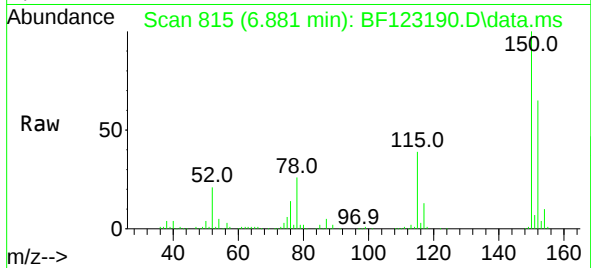




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

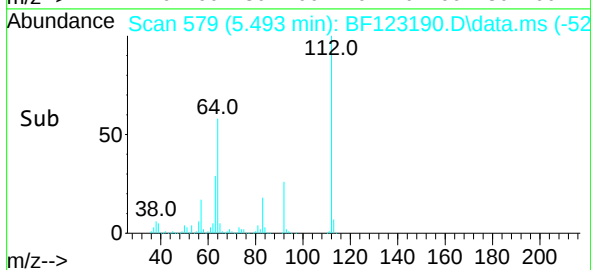
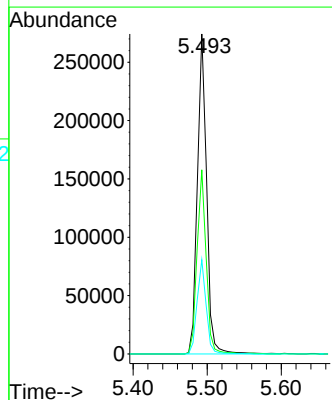
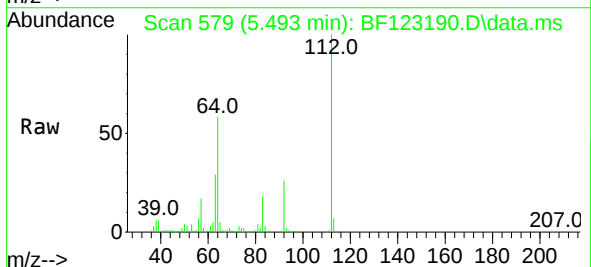
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

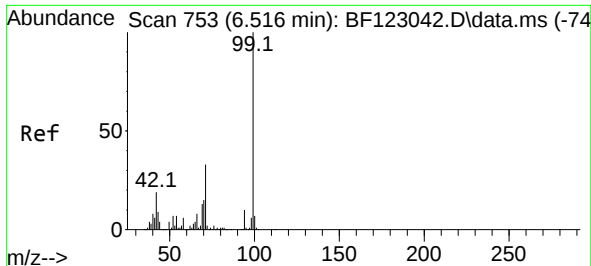
Tgt Ion:152 Resp: 139129
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 60.4 49.3 73.9



#5
2-Fluorophenol
Concen: 26.31 ng
RT: 5.493 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion:112 Resp: 237337
Ion Ratio Lower Upper
112 100
64 57.5 46.9 70.3
63 29.5 24.5 36.7

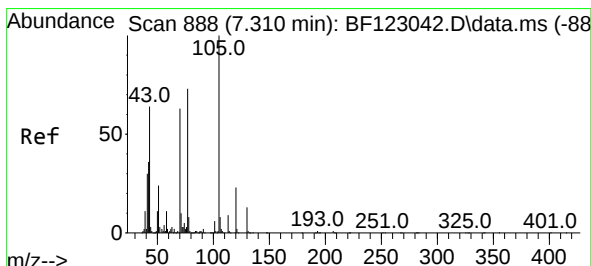
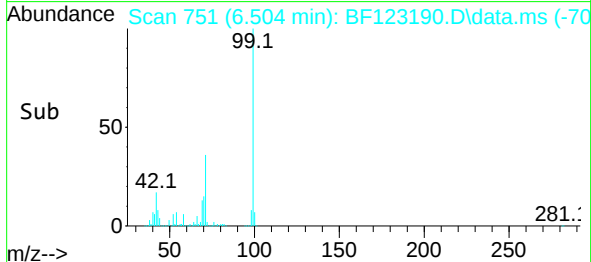
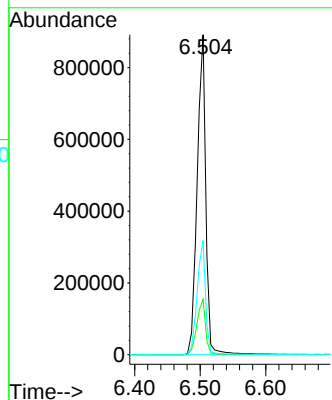
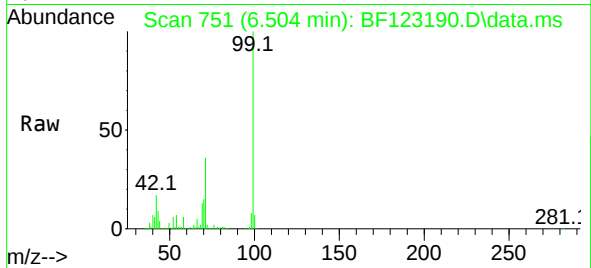




#7
Phenol-d6
Concen: 67.20 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

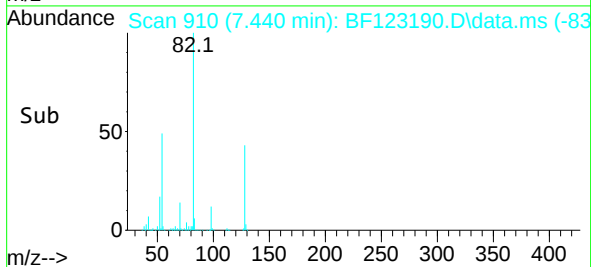
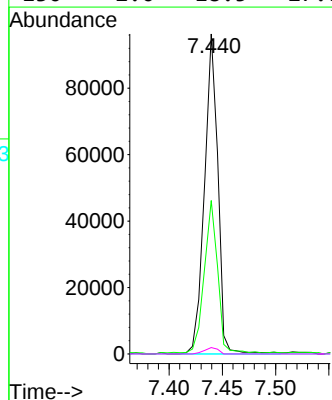
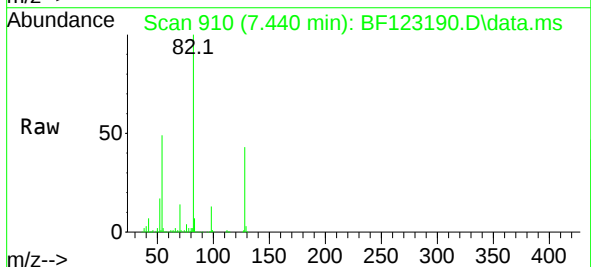
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

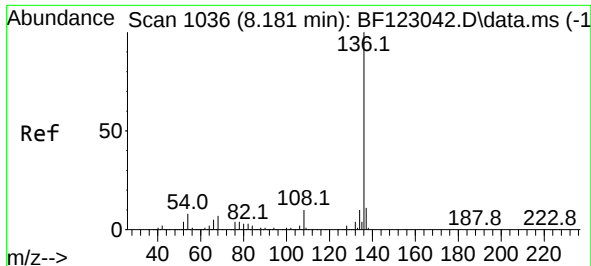
Tgt Ion: 99 Resp: 821558
Ion Ratio Lower Upper
99 100
42 17.3 13.8 20.6
71 35.7 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 11.54 ng
RT: 7.440 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion: 70 Resp: 84804
Ion Ratio Lower Upper
70 100
42 47.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



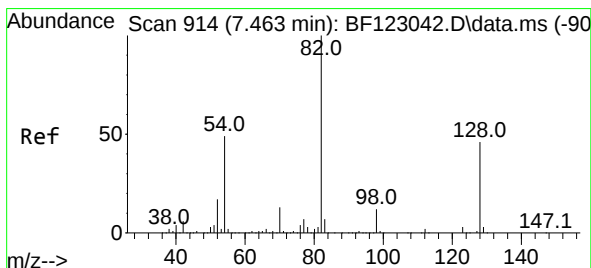
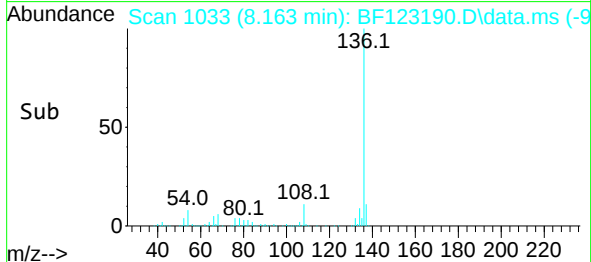
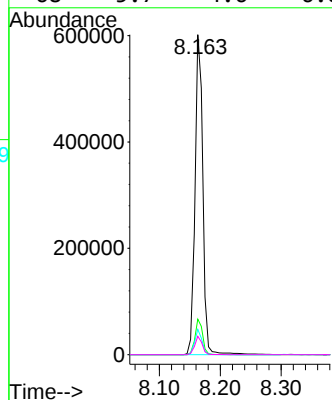
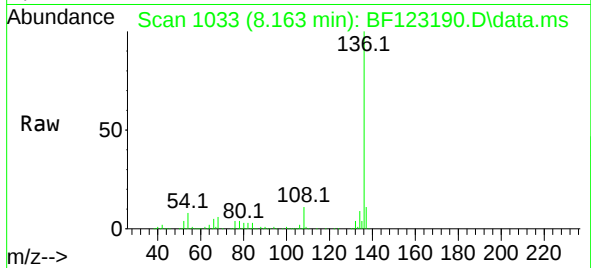


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

Tgt Ion:136 Resp: 537586

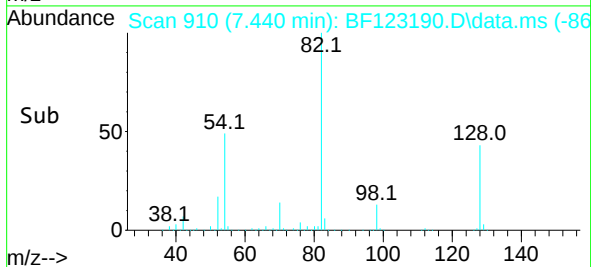
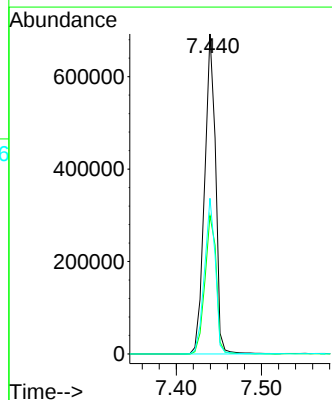
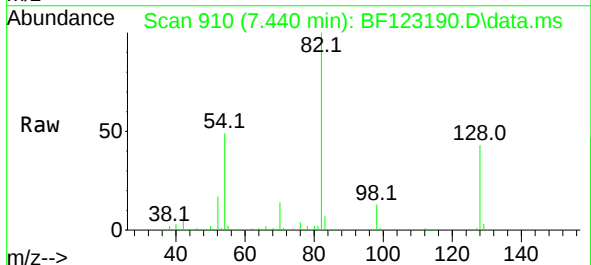
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.9	5.5	8.3
68	5.7	4.6	6.8

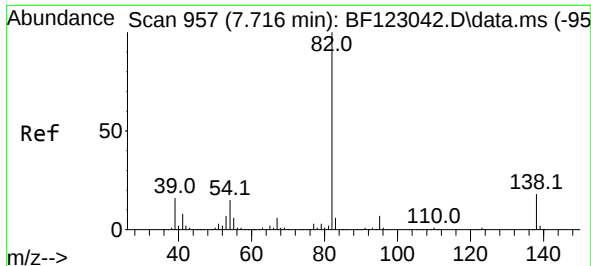


#23
Nitrobenzene-d5
Concen: 58.03 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion: 82 Resp: 619818

Ion	Ratio	Lower	Upper
82	100		
128	43.3	37.0	55.4
54	48.7	38.4	57.6

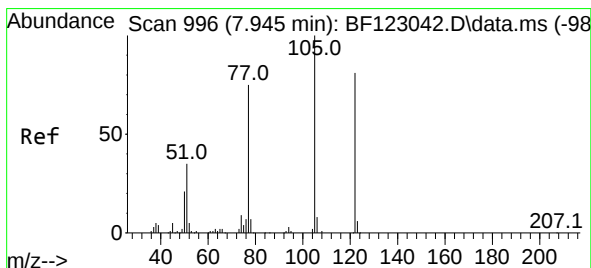
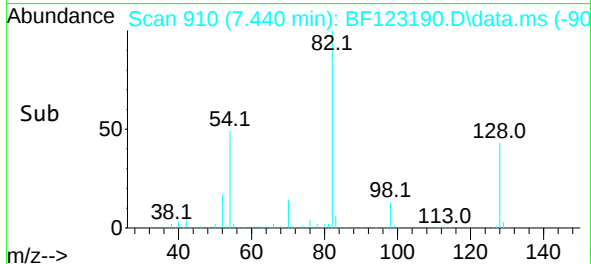
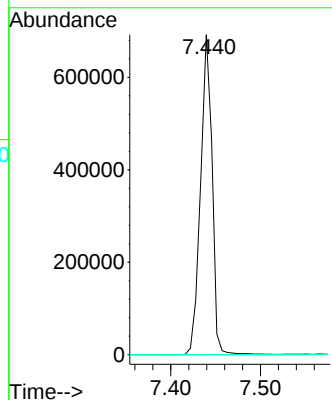
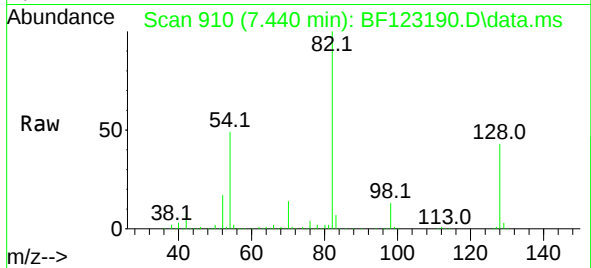




#25
Isophorone
Concen: 31.68 ng
RT: 7.440 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

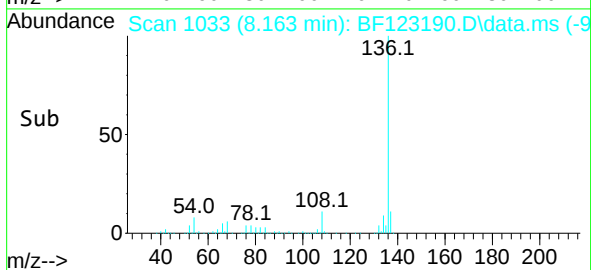
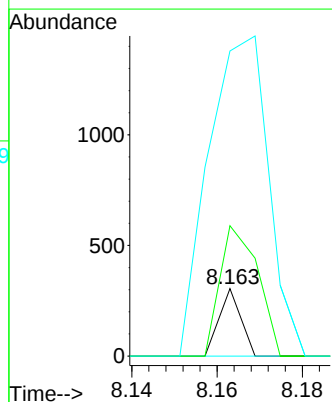
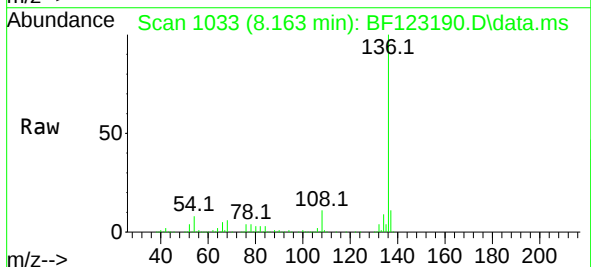
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

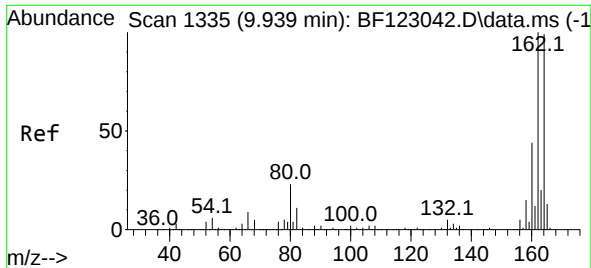
Tgt Ion: 82 Resp: 619809
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.224 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion: 122 Resp: 108
Ion Ratio Lower Upper
122 100
105 193.1 104.8 144.8#
77 452.1 71.0 111.0#

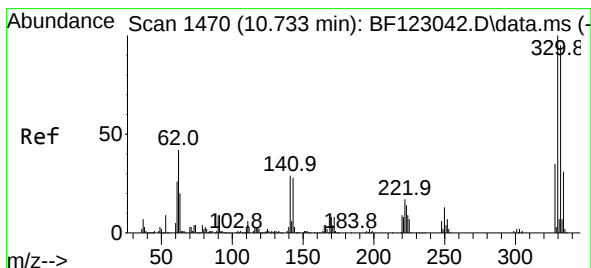
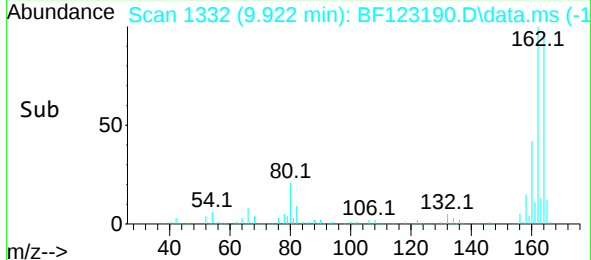
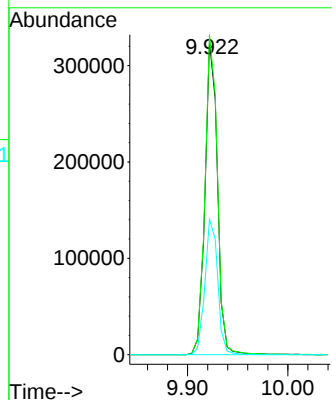
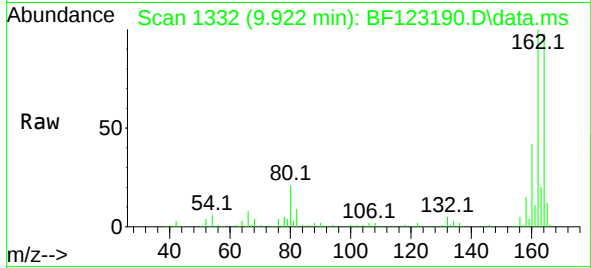




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

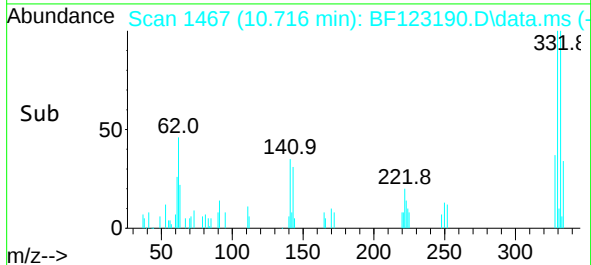
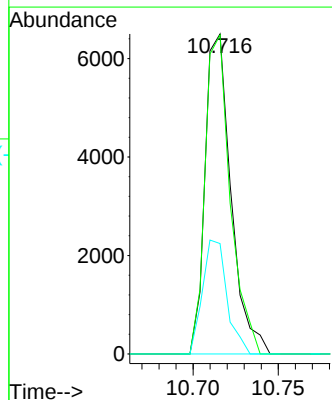
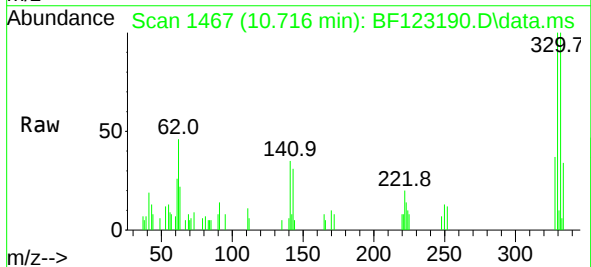
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

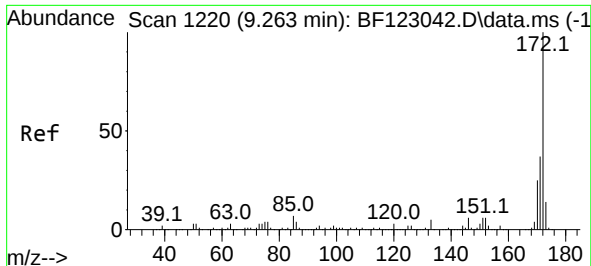
Tgt Ion:164 Resp: 282145
Ion Ratio Lower Upper
164 100
162 102.1 80.8 121.2
160 43.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 2.24 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion:330 Resp: 6866
Ion Ratio Lower Upper
330 100
332 97.1 77.5 116.3
141 33.5 23.8 35.8

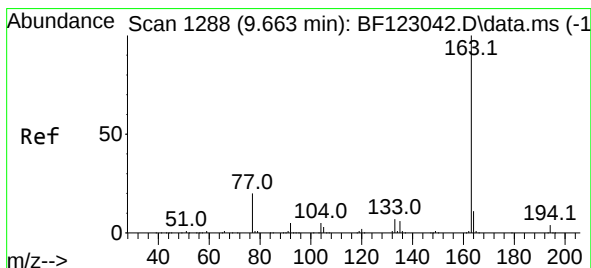
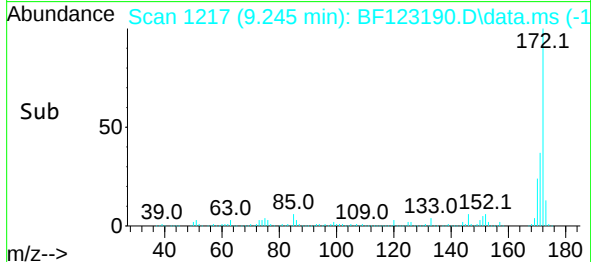
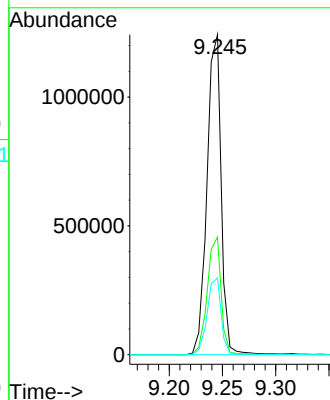
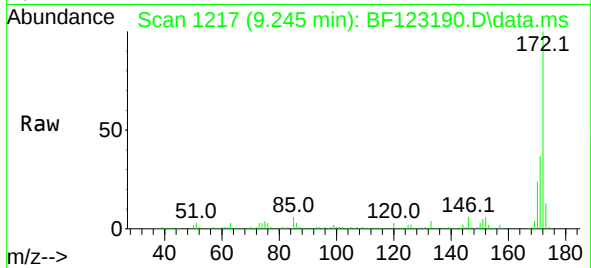




#45
2-Fluorobiphenyl
Concen: 60.86 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.000 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

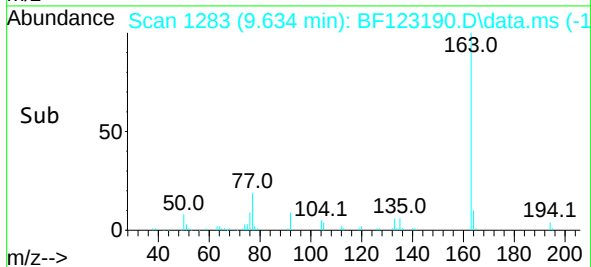
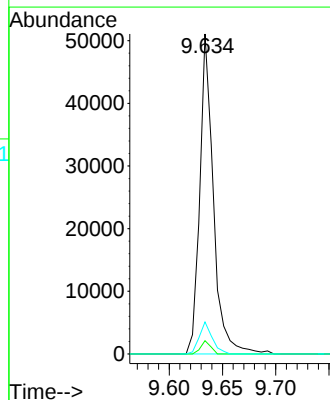
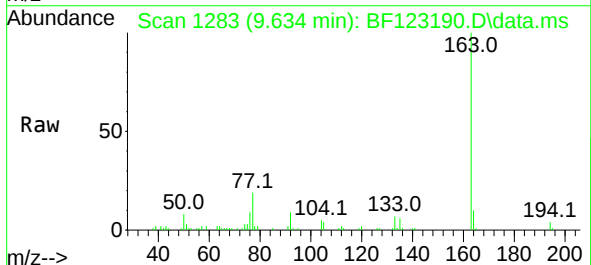
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

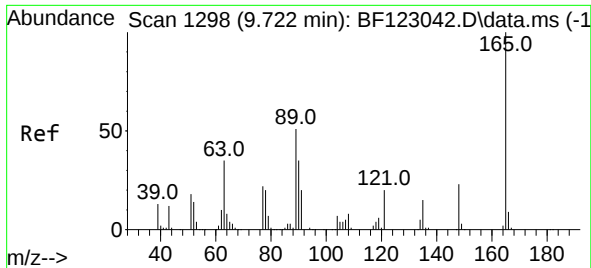
Tgt Ion:172 Resp: 1155115
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.0 19.5 29.3



#50
Dimethylphthalate
Concen: 2.06 ng
RT: 9.634 min Scan# 1283
Delta R.T. -0.018 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion:163 Resp: 45639
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.1 12.1

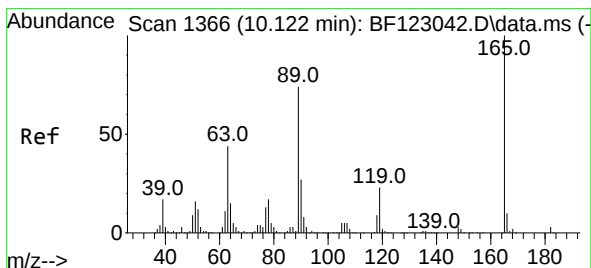
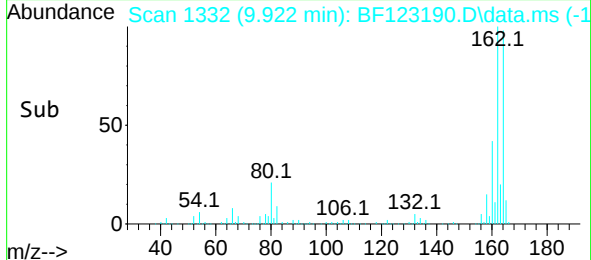
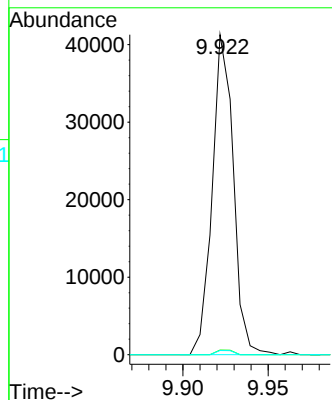
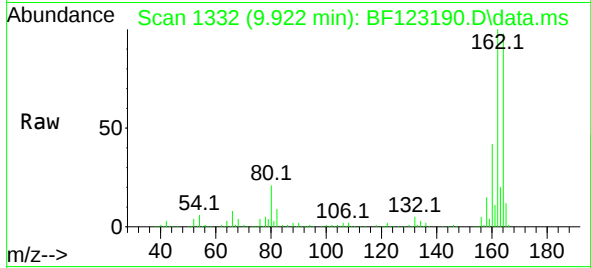




#51
2,6-Dinitrotoluene
Concen: 7.54 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

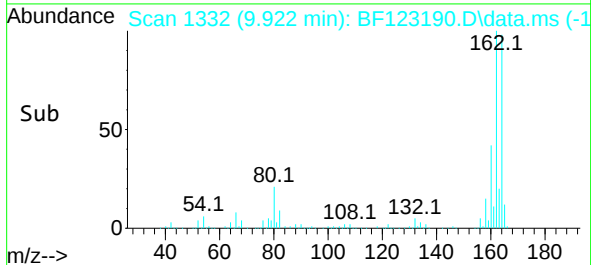
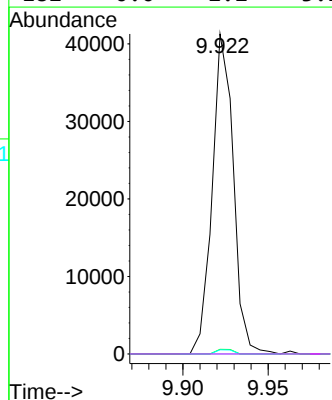
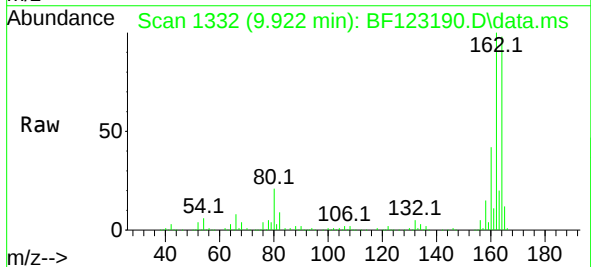
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

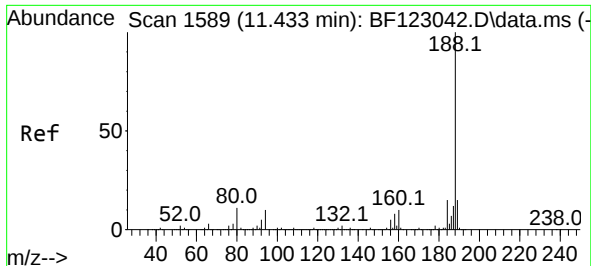
Tgt Ion:165 Resp: 35554
Ion Ratio Lower Upper
165 100
63 1.4 36.6 55.0#
89 1.3 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion:165 Resp: 35554
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 1.3 55.2 82.8#
182 0.0 2.2 3.2#

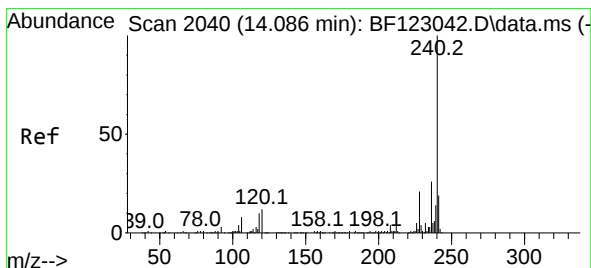
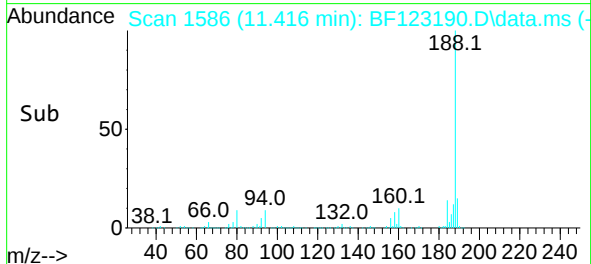
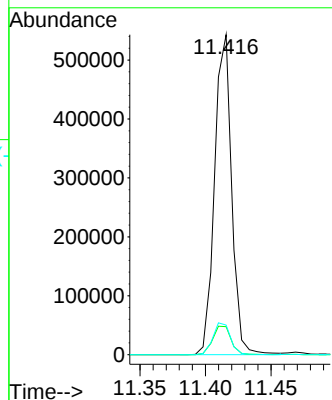
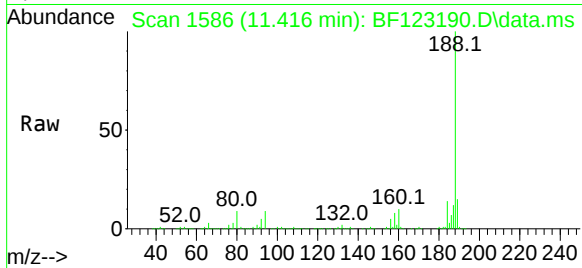




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

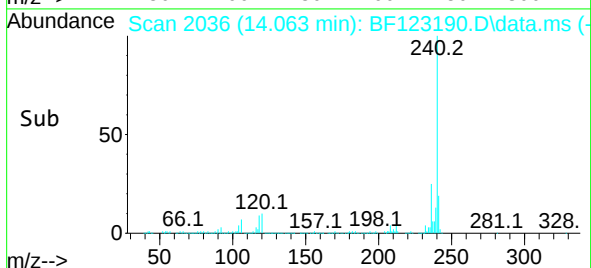
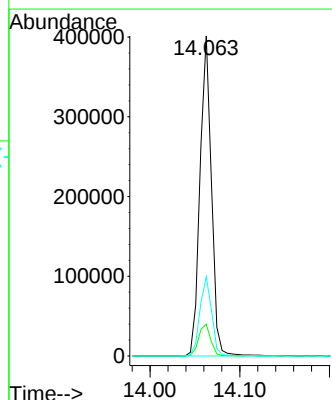
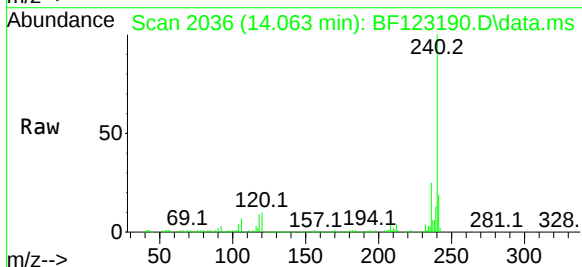
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

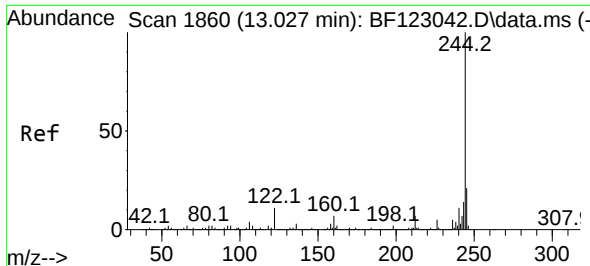
Tgt Ion:188 Resp: 491449
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion:240 Resp: 354882
Ion Ratio Lower Upper
240 100
120 9.9 8.6 12.8
236 24.7 20.3 30.5

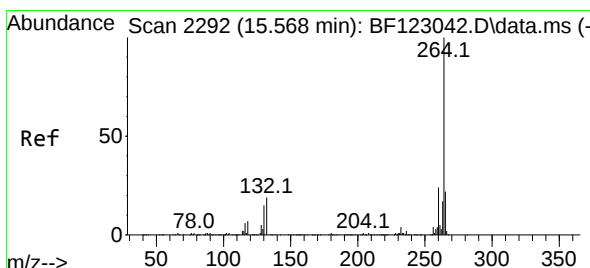
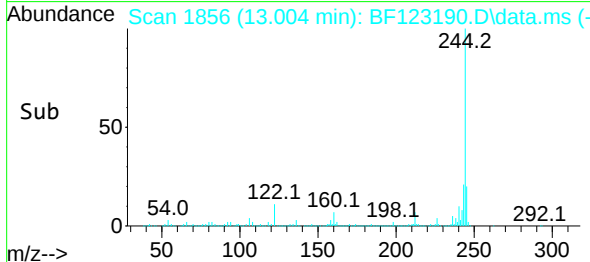
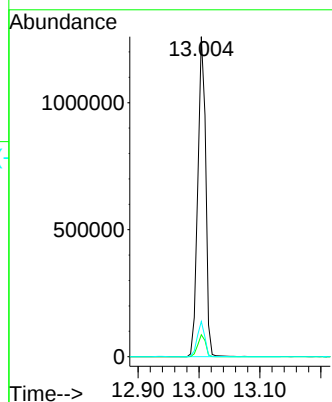
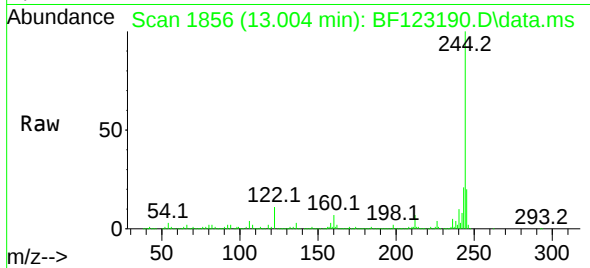




#79
Terphenyl-d14
Concen: 62.78 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-2

Tgt Ion:244 Resp: 1133988
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 11.0 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.545 min Scan# 2288
Delta R.T. -0.006 min
Lab File: BF123190.D
Acq: 11 Feb 2021 17:35

Tgt Ion:264 Resp: 344995
Ion Ratio Lower Upper
264 100
260 24.3 18.6 28.0
265 21.0 17.0 25.6

