

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021121\
 Data File : BF123189.D
 Acq On : 11 Feb 2021 17:03
 Operator : JU/CG
 Sample : M1367-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EXTERIOR-CONCRETE-1

Quant Time: Feb 11 18:03:37 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)

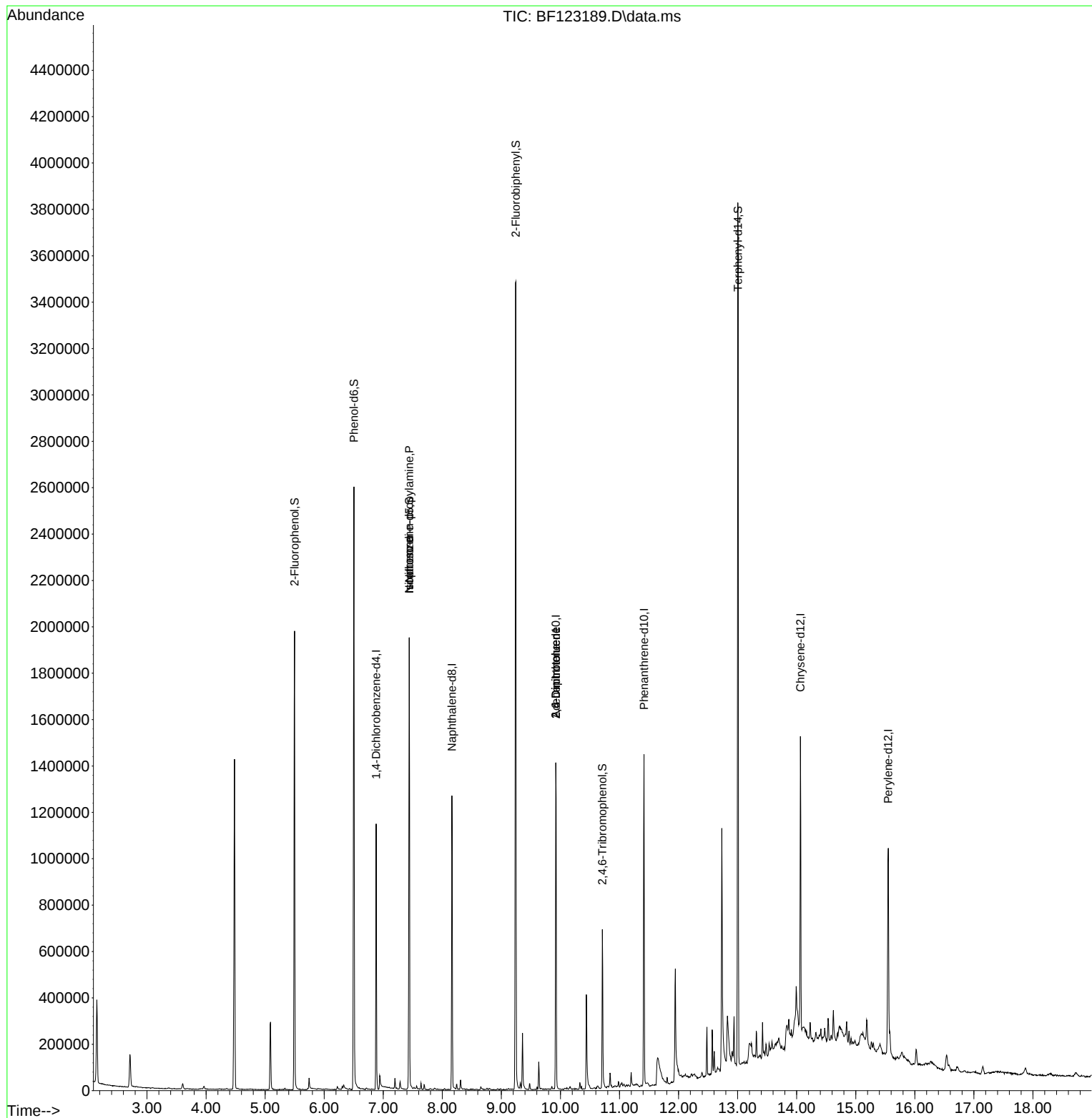
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	149816	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	567245	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	298084	20.00	ng	0.00
64) Phenanthrene-d10	11.416	188	509785	20.00	ng	0.00
76) Chrysene-d12	14.062	240	419787	20.00	ng	-0.01
86) Perylene-d12	15.551	264	409942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	534644	55.05	ng	0.00
7) Phenol-d6	6.504	99	877657	66.67	ng	0.00
23) Nitrobenzene-d5	7.439	82	625982	55.54	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	81027	25.04	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1189793	59.33	ng	0.00
79) Terphenyl-d14	13.004	244	1209756	56.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	82522	10.42	ng	# 80
25) Isophorone	7.439	82	625977	30.32	ng	# 65
51) 2,6-Dinitrotoluene	9.922	165	38496	7.73	ng	# 32
57) 2,4-Dinitrotoluene	9.922	165	38496	5.94	ng	# 26

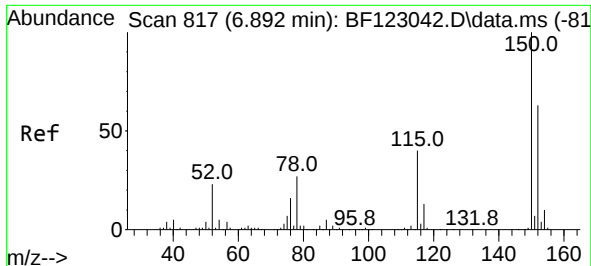
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 11 14:10:38 2021
Response via : Initial Calibration

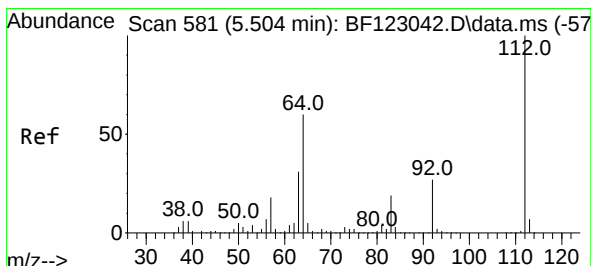
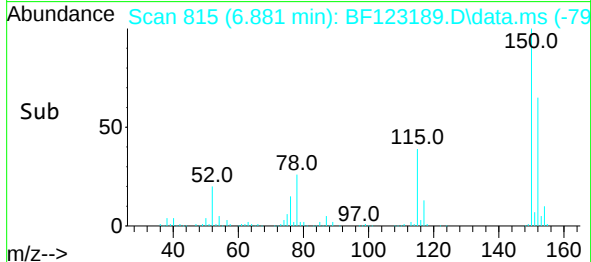
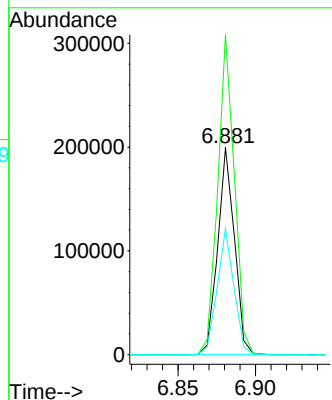
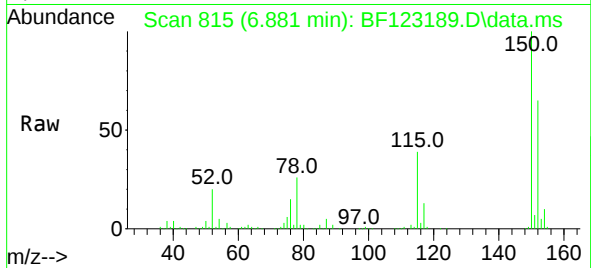




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

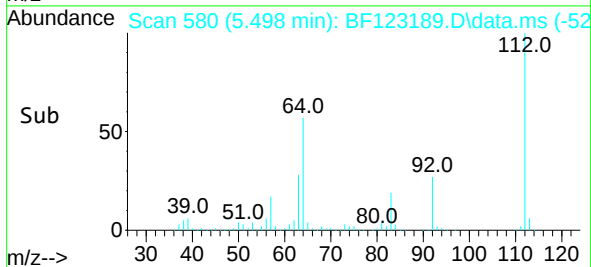
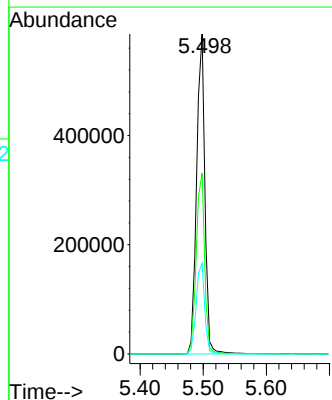
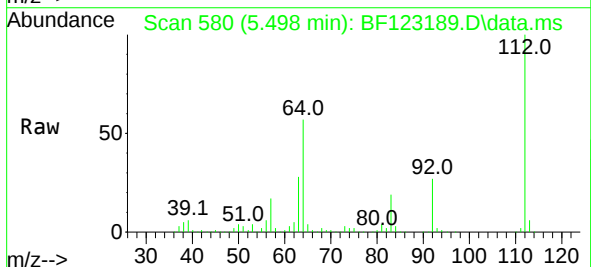
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-1

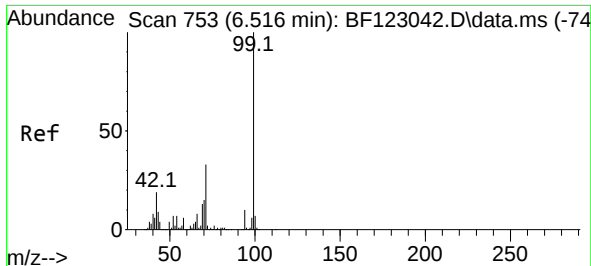
Tgt Ion:152 Resp: 149816
Ion Ratio Lower Upper
152 100
150 154.4 125.8 188.6
115 60.8 49.3 73.9



#5
2-Fluorophenol
Concen: 55.05 ng
RT: 5.498 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Tgt Ion:112 Resp: 534644
Ion Ratio Lower Upper
112 100
64 56.5 46.9 70.3
63 28.3 24.5 36.7

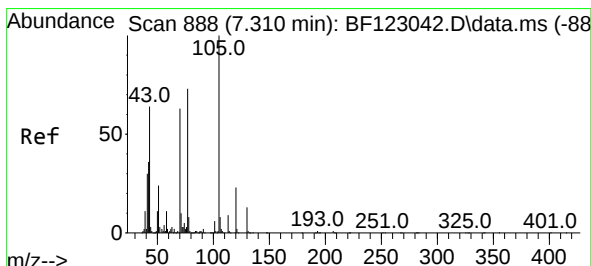
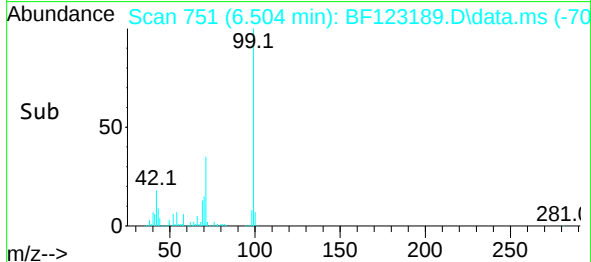
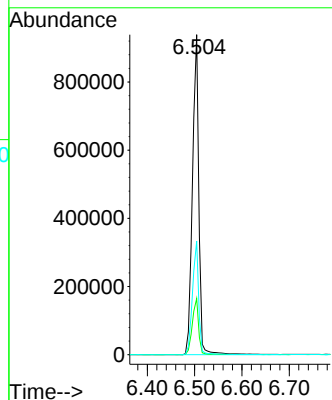
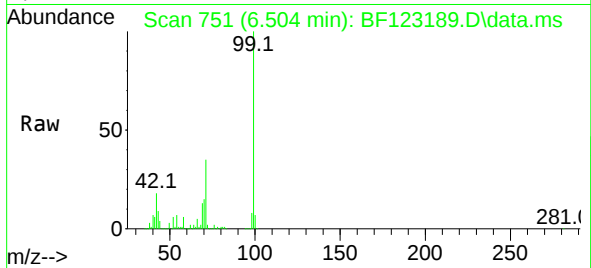




#7
Phenol-d6
Concen: 66.67 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

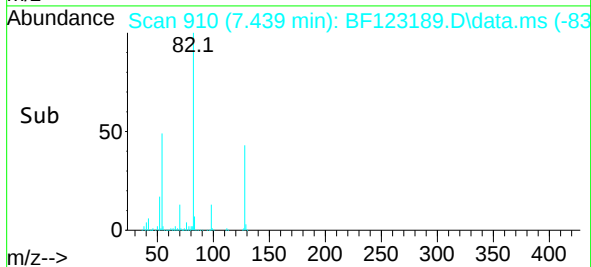
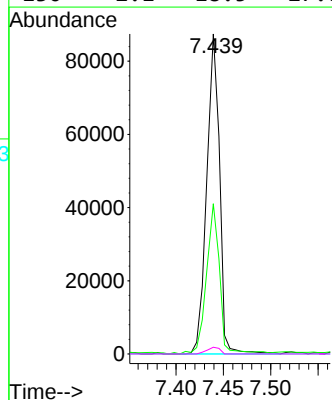
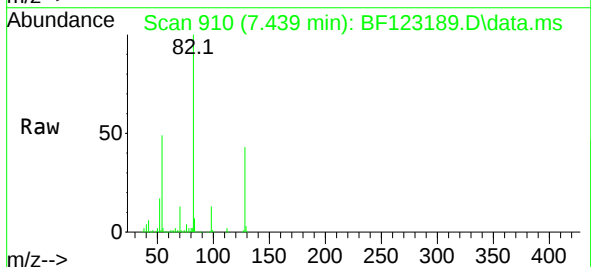
Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-1

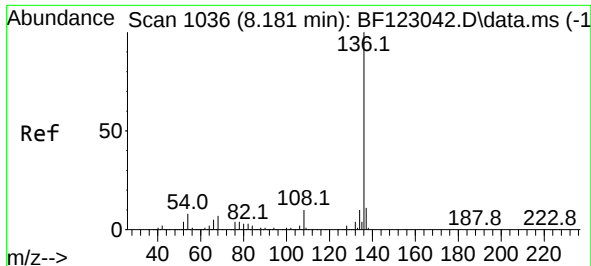
Tgt Ion: 99 Resp: 877657
Ion Ratio Lower Upper
99 100
42 17.5 13.8 20.6
71 35.5 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 10.42 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

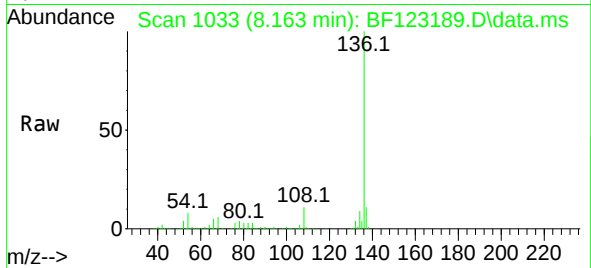
Tgt Ion: 70 Resp: 82522
Ion Ratio Lower Upper
70 100
42 47.0 43.0 64.4
101 0.0 7.9 11.9#
130 2.1 18.5 27.7#



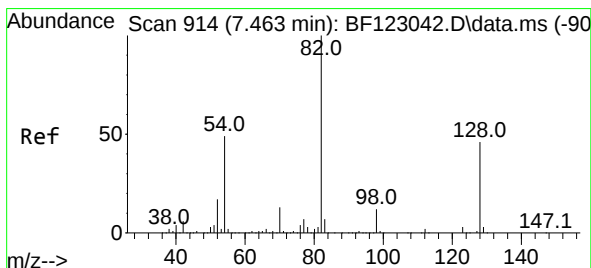
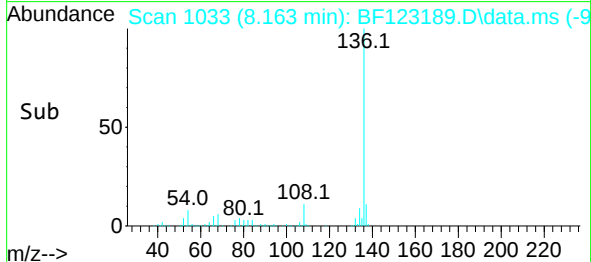
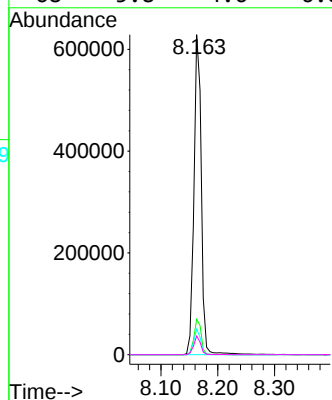


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-1

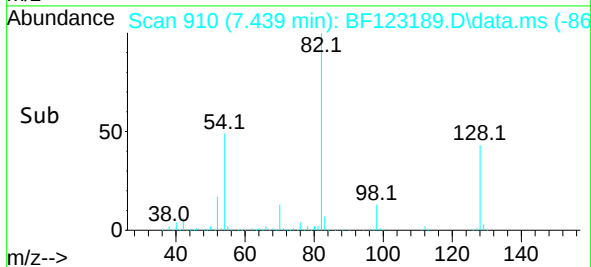
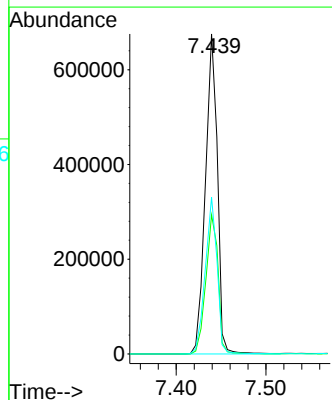
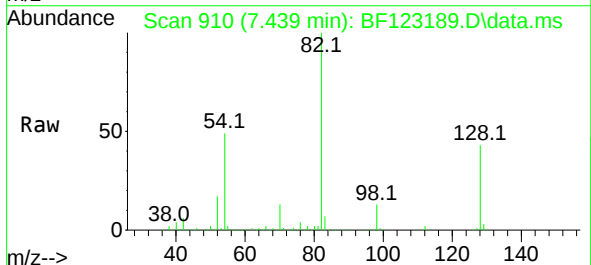


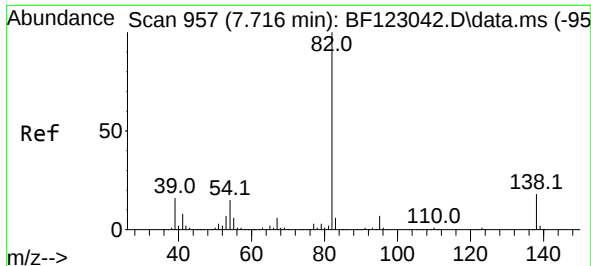
Tgt Ion:136 Resp: 567245
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.1 5.5 8.3
68 5.8 4.6 6.8



#23
Nitrobenzene-d5
Concen: 55.54 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Tgt Ion: 82 Resp: 625982
Ion Ratio Lower Upper
82 100
128 43.4 37.0 55.4
54 49.0 38.4 57.6

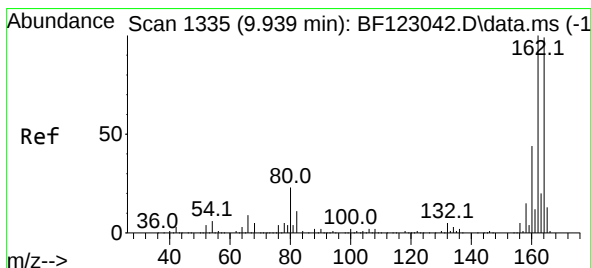
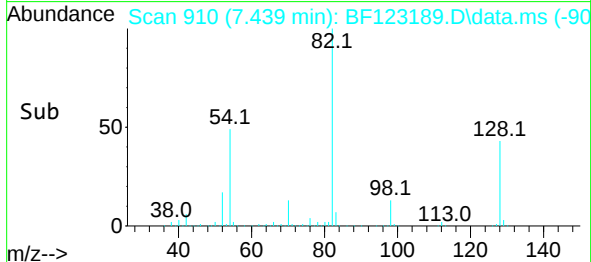
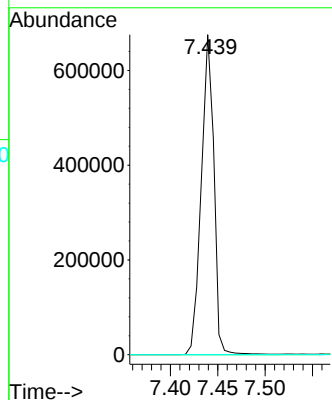
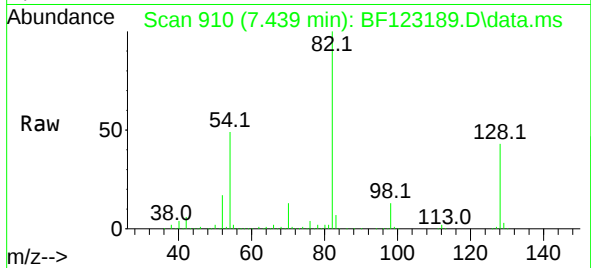




#25
Isophorone
Concen: 30.32 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.265 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

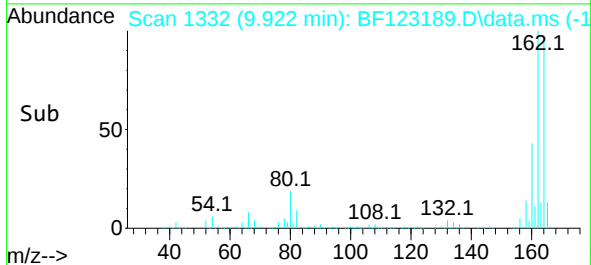
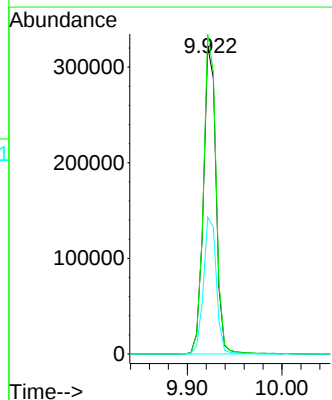
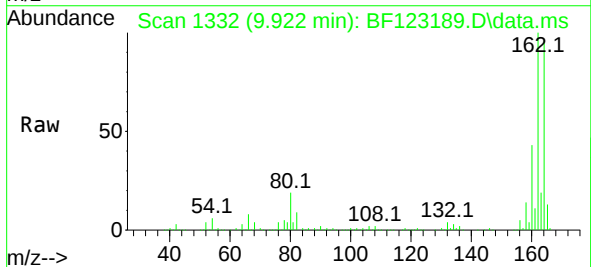
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EXTERIOR-CONCRETE-1

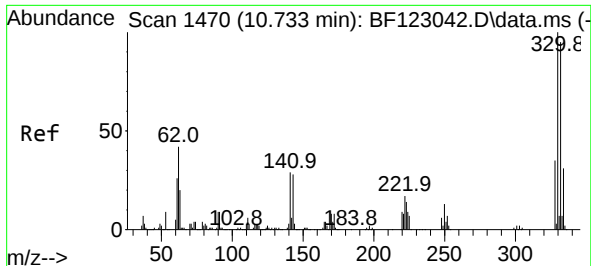
Tgt Ion: 82 Resp: 625977
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Tgt Ion: 164 Resp: 298084
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 44.4 35.4 53.0

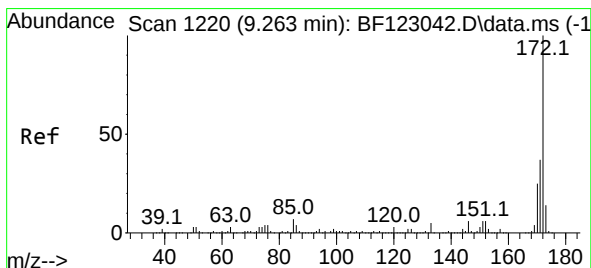
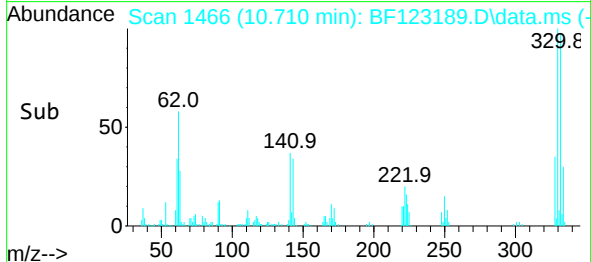
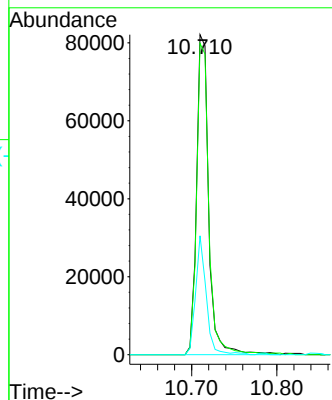
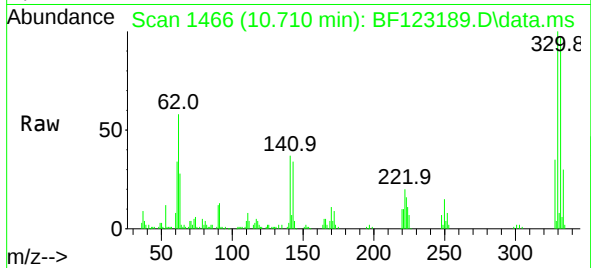




#42
 2,4,6-Tribromophenol
 Concen: 25.04 ng
 RT: 10.710 min Scan# 1466
 Delta R.T. -0.012 min
 Lab File: BF123189.D
 Acq: 11 Feb 2021 17:03

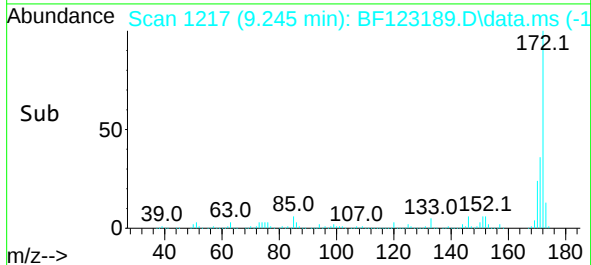
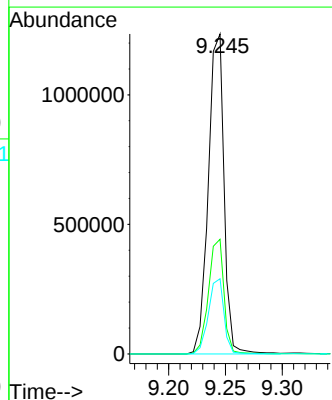
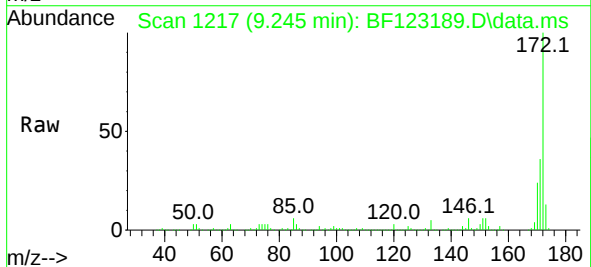
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 EXTERIOR-CONCRETE-1

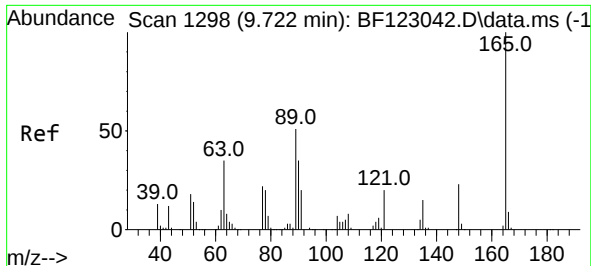
Tgt Ion: 330 Resp: 81027
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.5 116.3
 141 32.6 23.8 35.8



#45
 2-Fluorobiphenyl
 Concen: 59.33 ng
 RT: 9.245 min Scan# 1217
 Delta R.T. -0.000 min
 Lab File: BF123189.D
 Acq: 11 Feb 2021 17:03

Tgt Ion: 172 Resp: 1189793
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 23.5 19.5 29.3

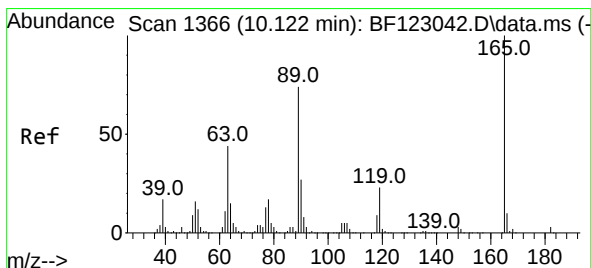
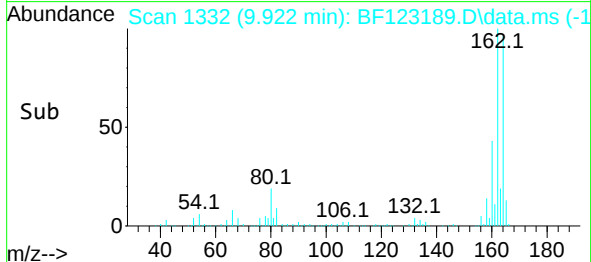
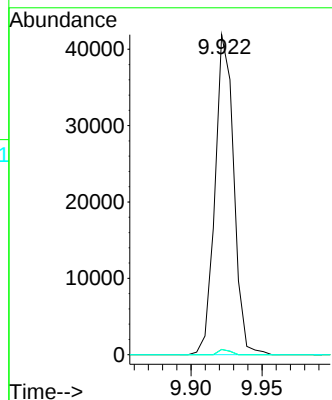
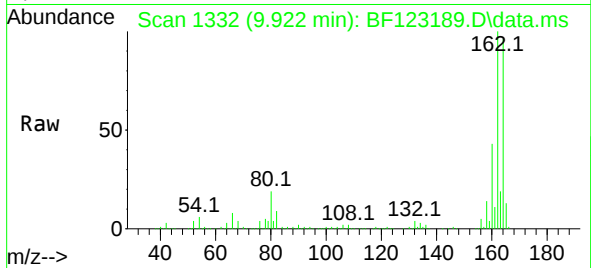




#51
2,6-Dinitrotoluene
Concen: 7.73 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.212 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

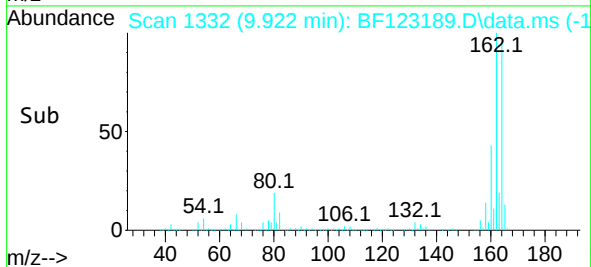
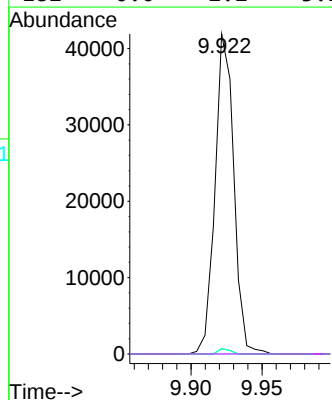
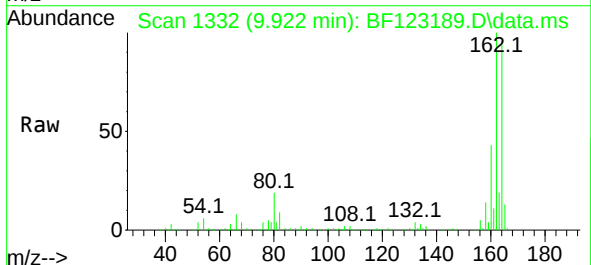
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ClientSampleId :
EXTERIOR-CONCRETE-1

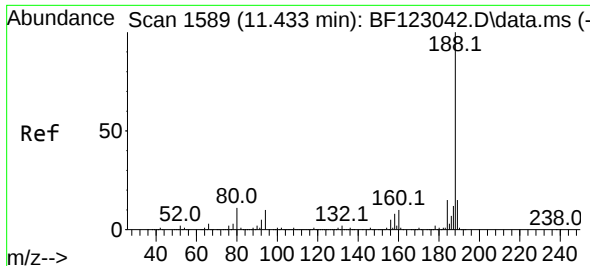
Tgt Ion:165 Resp: 38496
Ion Ratio Lower Upper
165 100
63 1.7 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.94 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.194 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Tgt Ion:165 Resp: 38496
Ion Ratio Lower Upper
165 100
63 1.7 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

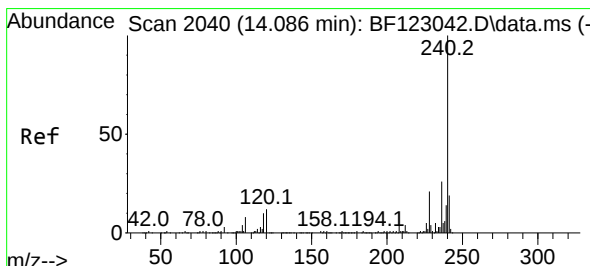
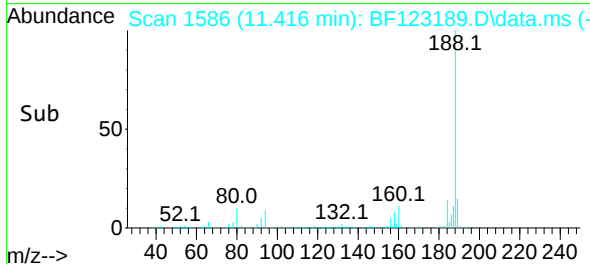
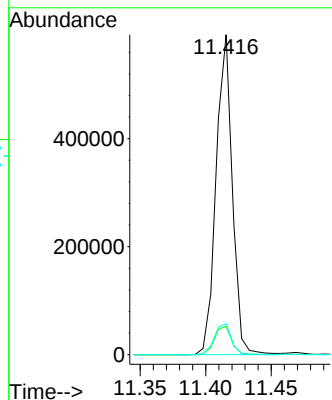
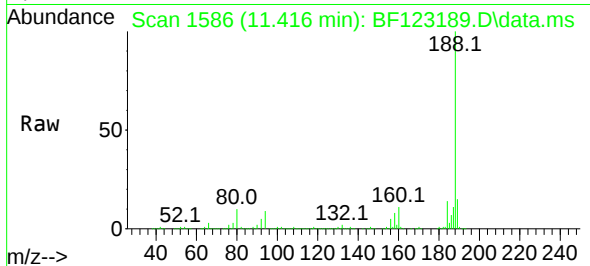




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

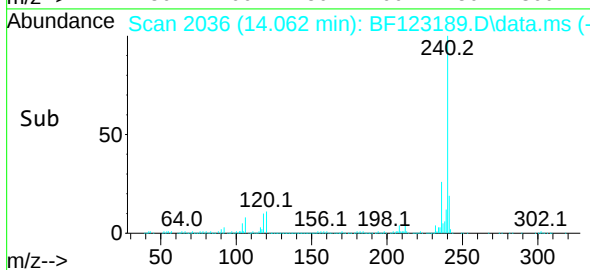
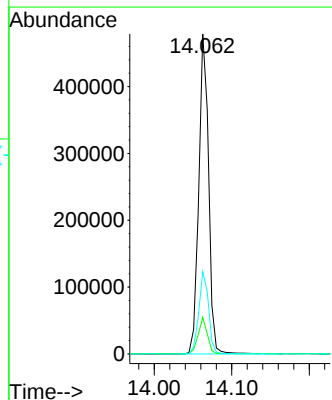
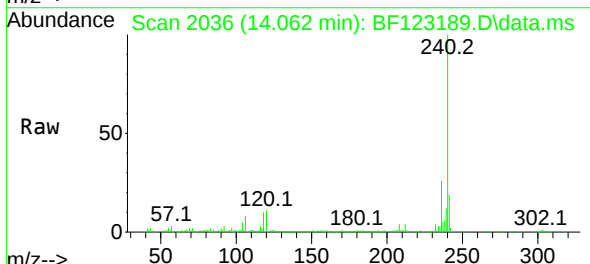
Instrument :
BNA_F
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EXTERIOR-CONCRETE-1

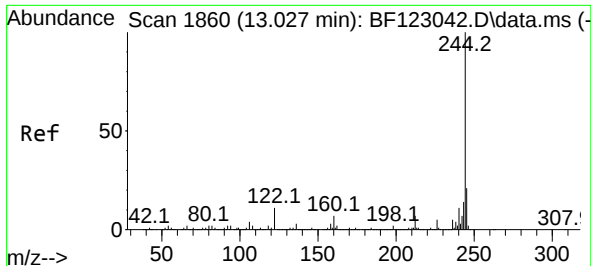
Tgt Ion:188 Resp: 509785
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.7 8.2 12.4



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Tgt Ion:240 Resp: 419787
Ion Ratio Lower Upper
240 100
120 11.4 8.6 12.8
236 25.7 20.3 30.5

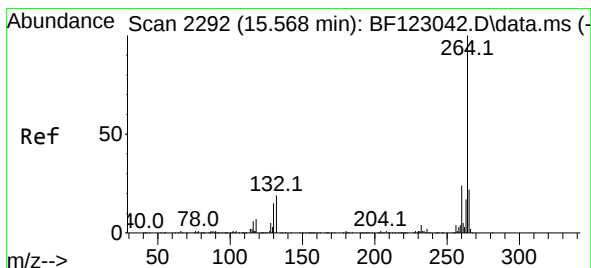
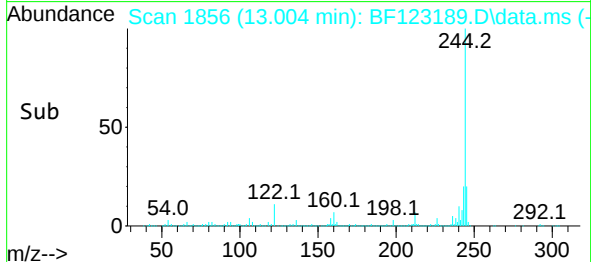
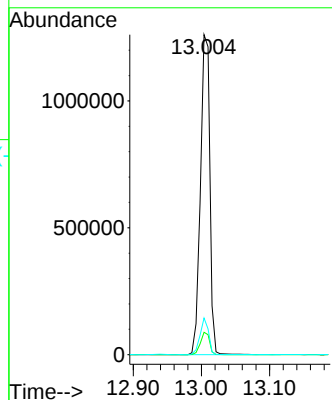
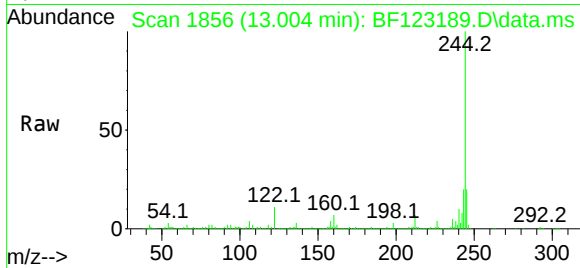




#79
Terphenyl-d14
Concen: 56.62 ng
RT: 13.004 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Instrument :
BNA_F
ClientSampleId :
EXTERIOR-CONCRETE-1

Tgt Ion:244 Resp: 1209756
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 11.5 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.551 min Scan# 2289
Delta R.T. -0.000 min
Lab File: BF123189.D
Acq: 11 Feb 2021 17:03

Tgt Ion:264 Resp: 409942
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.4 17.0 25.6

