

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130288.D
 Acq On : 16 Sep 2022 13:12
 Operator : CG\JU
 Sample : N4582-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-7

Quant Time: Sep 17 02:31:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

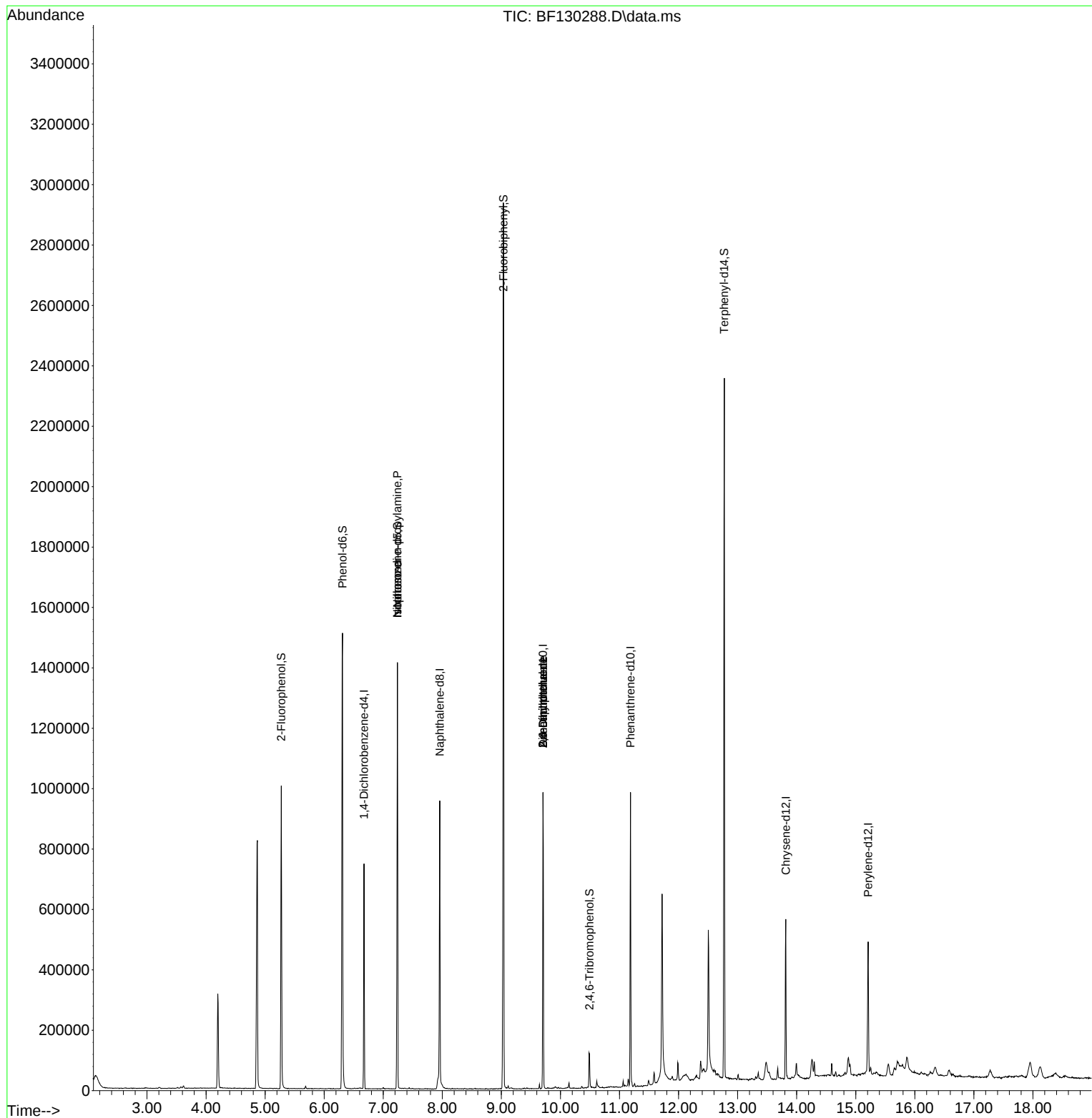
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	90868	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	362446	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	191085	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	308697	20.000	ng	0.00
76) Chrysene-d12	13.815	240	162467	20.000	ng	0.00
86) Perylene-d12	15.209	264	182962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	250541	47.823	ng	0.00
7) Phenol-d6	6.310	99	560819	85.554	ng	0.00
23) Nitrobenzene-d5	7.239	82	433316	61.078	ng	-0.01
42) 2,4,6-Tribromophenol	10.492	330	14574	7.960	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	828780	63.158	ng	0.00
79) Terphenyl-d14	12.774	244	717341	73.139	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.239	70	59206	13.385	ng	# 75
25) Isophorone	7.239	82	433312	37.895	ng	# 66
50) Dimethylphthalate	9.704	163	35898	2.720	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	24390	8.835	ng	# 15
57) 2,4-Dinitrotoluene	9.704	165	24390	6.913	ng	# 15

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

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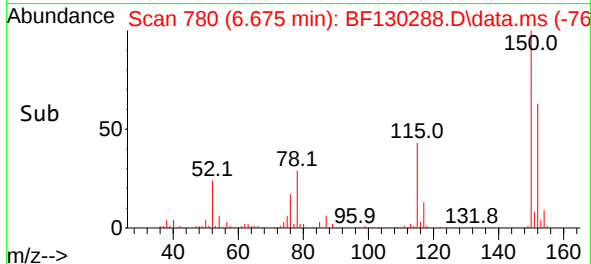
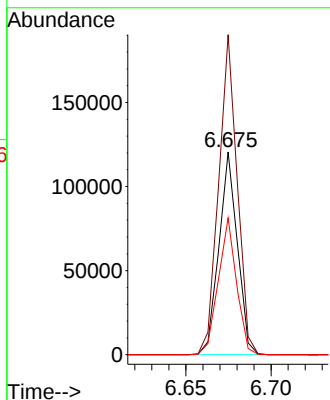
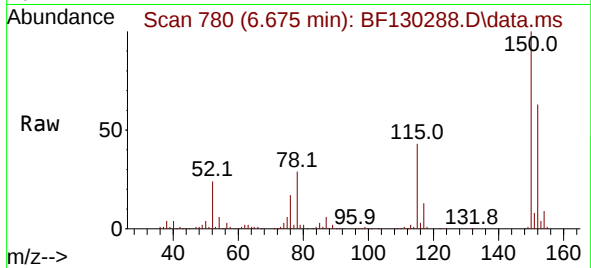




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130288.D
 Acq: 16 Sep 2022 13:12

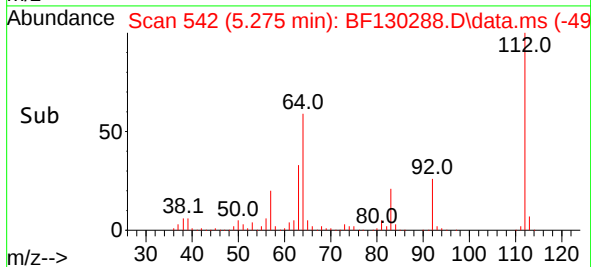
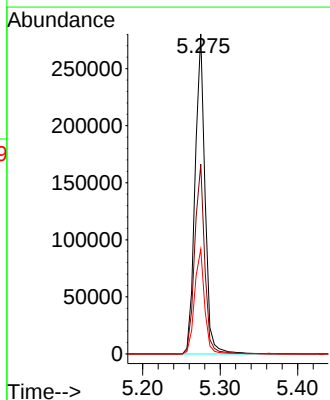
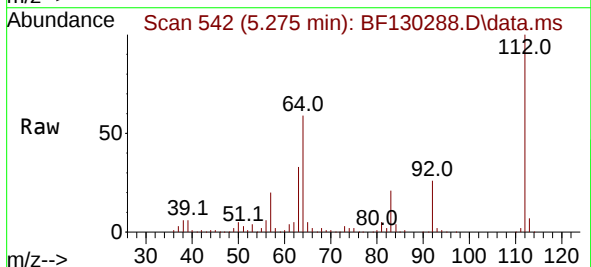
Instrument :
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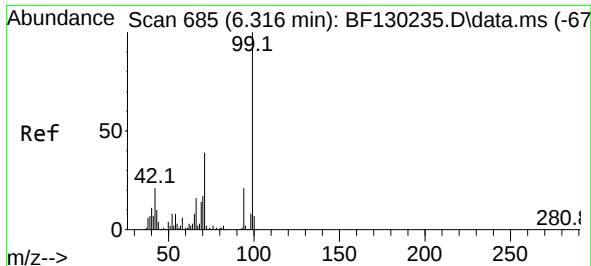
Tgt Ion:152 Resp: 90868
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.8 184.2
 115 67.5 53.8 80.8



#5
 2-Fluorophenol
 Concen: 47.823 ng
 RT: 5.275 min Scan# 542
 Delta R.T. 0.000 min
 Lab File: BF130288.D
 Acq: 16 Sep 2022 13:12

Tgt Ion:112 Resp: 250541
 Ion Ratio Lower Upper
 112 100
 64 59.3 51.4 77.0
 63 32.8 28.8 43.2

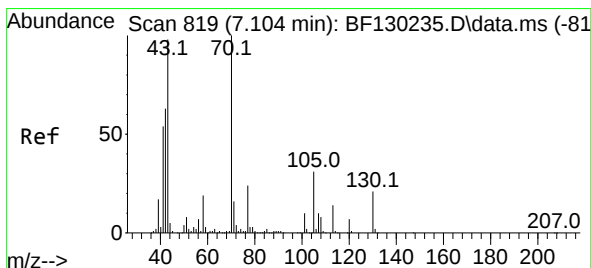
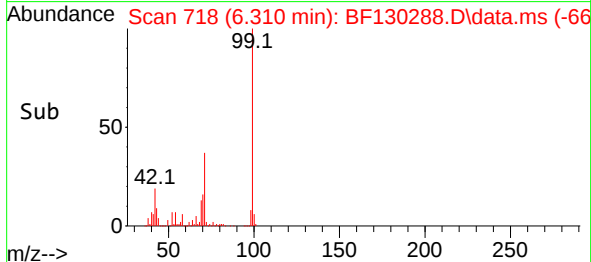
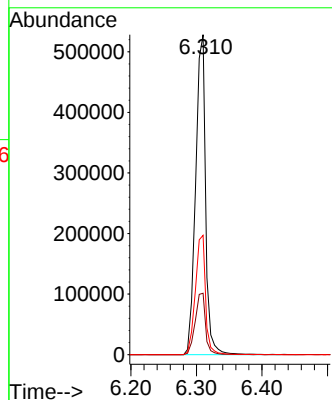
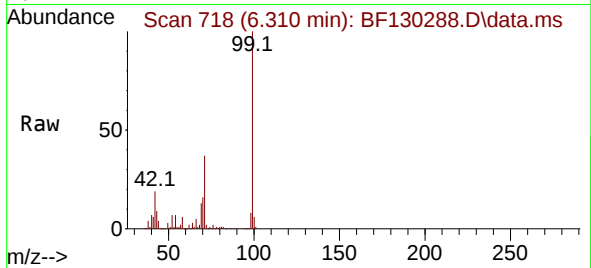




#7
Phenol-d6
Concen: 85.554 ng
RT: 6.310 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

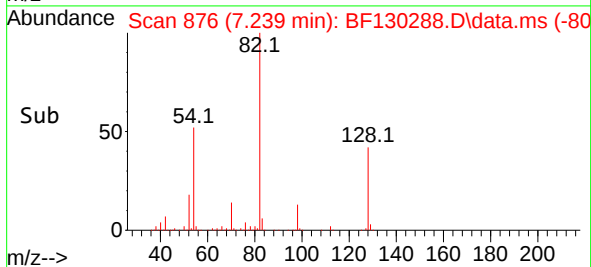
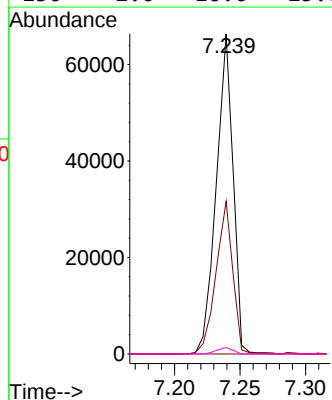
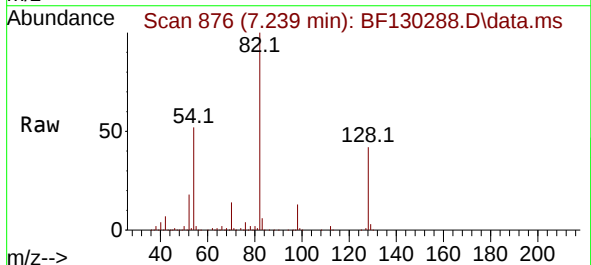
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-7

Tgt Ion: 99 Resp: 560819
Ion Ratio Lower Upper
99 100
42 19.2 17.0 25.6
71 37.3 32.3 48.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.385 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.135 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

Tgt Ion: 70 Resp: 59206
Ion Ratio Lower Upper
70 100
42 47.7 50.8 76.2#
101 0.0 8.2 12.4#
130 2.0 16.6 25.0#

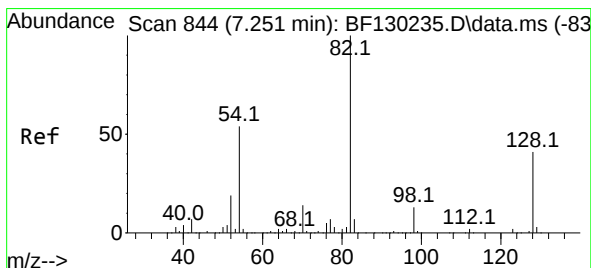
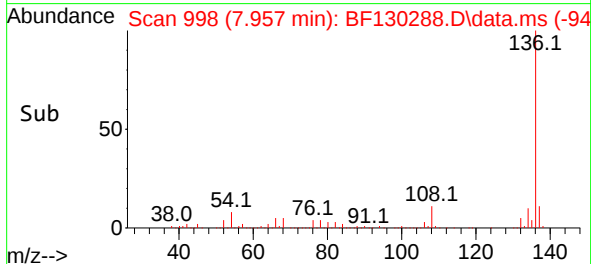
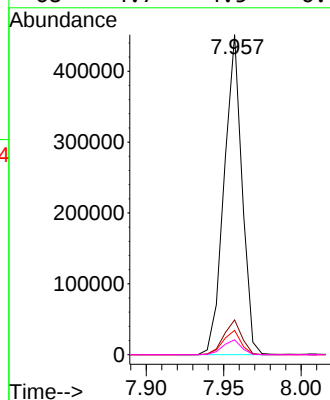
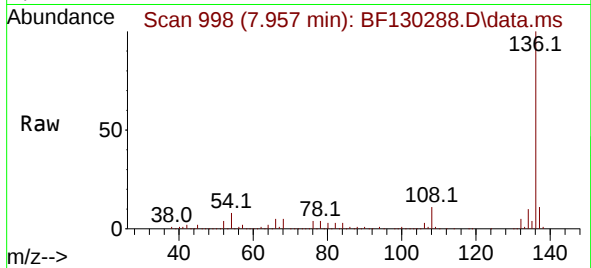




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

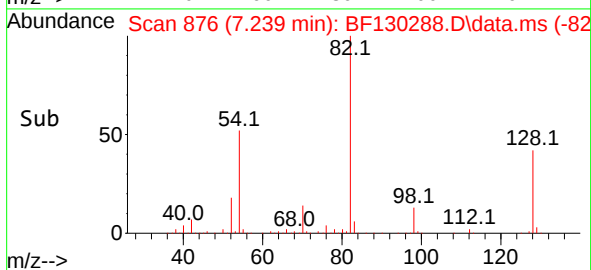
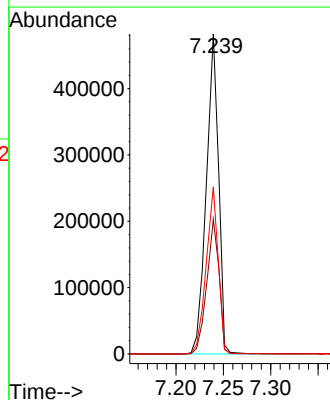
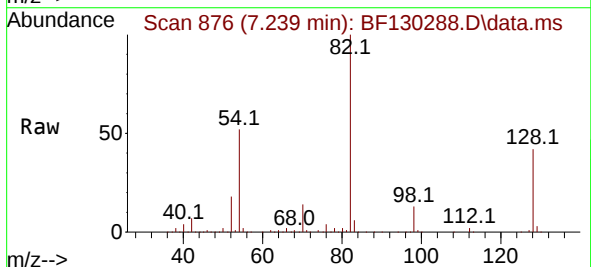
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-7

Tgt Ion:136 Resp: 362446
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 7.6 7.1 10.7
68 4.7 4.5 6.7



#23
Nitrobenzene-d5
Concen: 61.078 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

Tgt Ion: 82 Resp: 433316
Ion Ratio Lower Upper
82 100
128 42.0 32.6 49.0
54 52.2 43.8 65.6

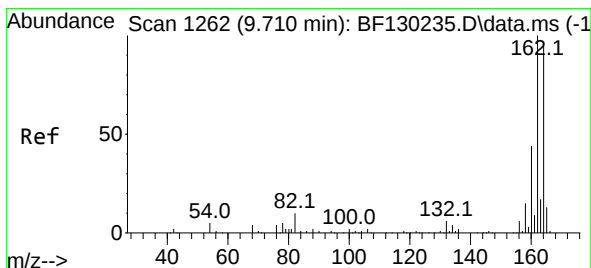
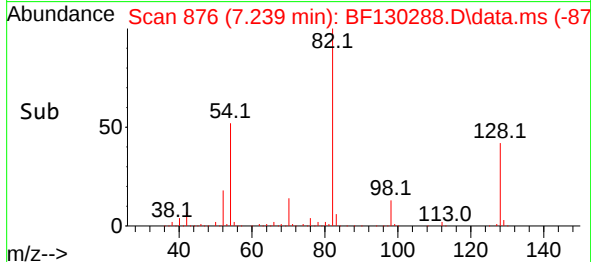
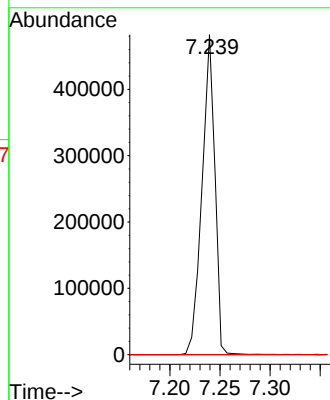
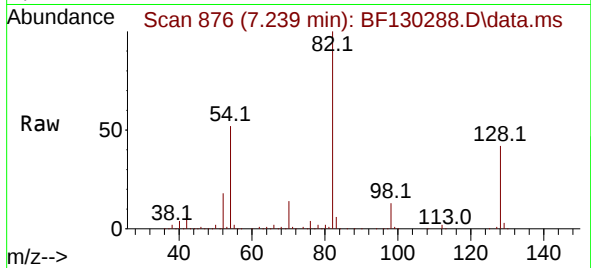




#25
Isophorone
Concen: 37.895 ng
RT: 7.239 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

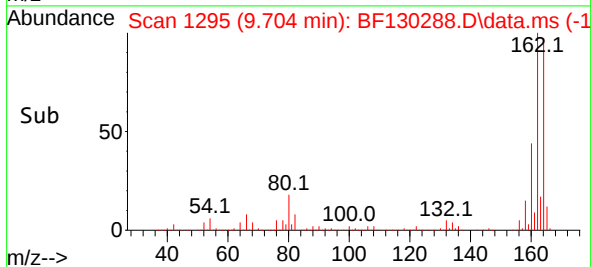
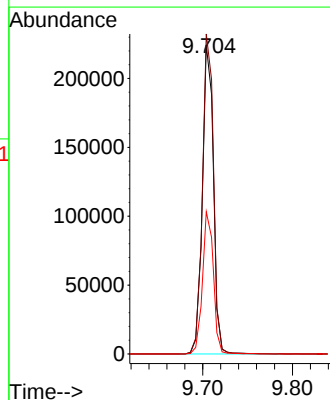
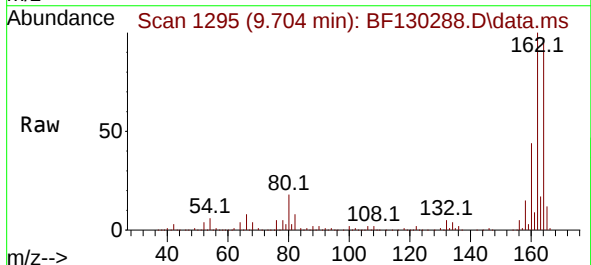
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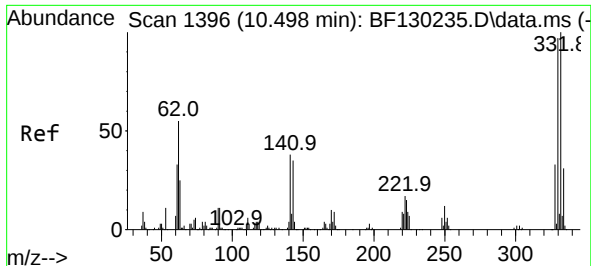
Tgt Ion: 82 Resp: 433312
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

Tgt Ion:164 Resp: 191085
Ion Ratio Lower Upper
164 100
162 103.6 81.4 122.0
160 46.1 36.2 54.4

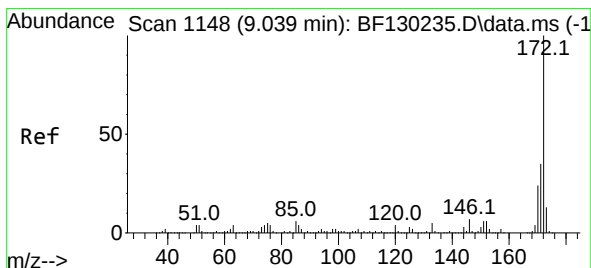
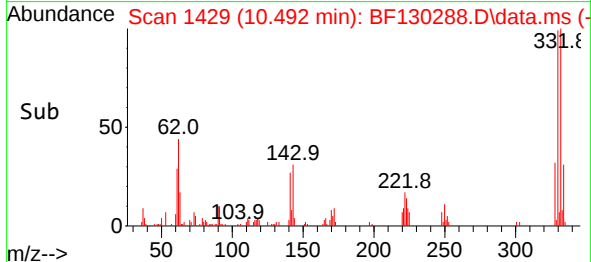
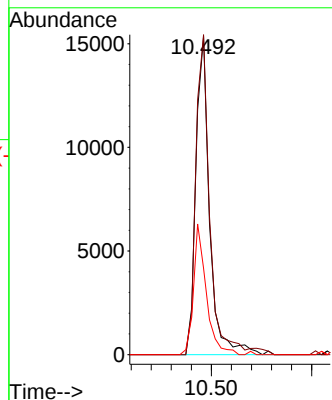
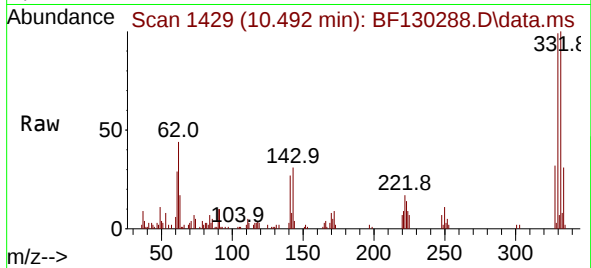




#42
2,4,6-Tribromophenol
Concen: 7.960 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

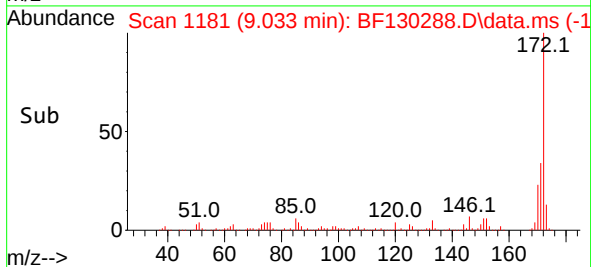
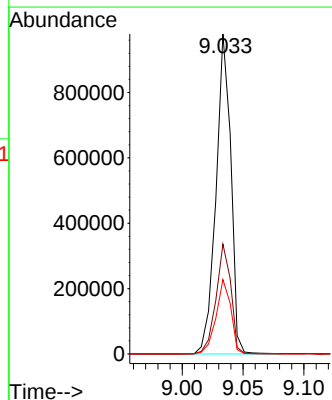
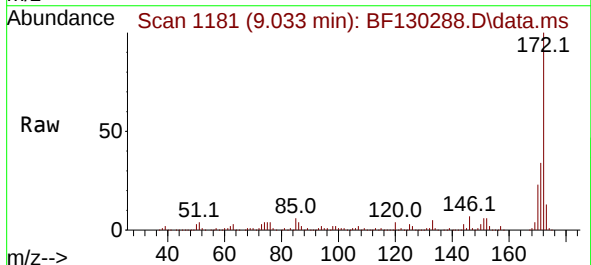
Instrument :
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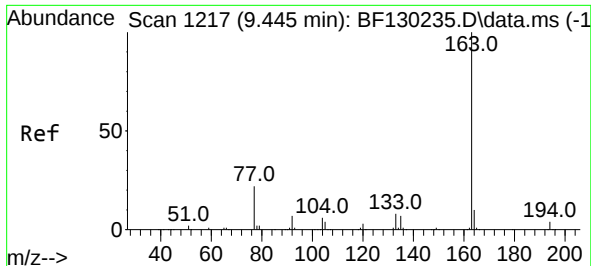
Tgt Ion: 330 Resp: 14574
Ion Ratio Lower Upper
330 100
332 103.1 83.4 125.2
141 38.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 63.158 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

Tgt Ion: 172 Resp: 828780
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.3 18.7 28.1

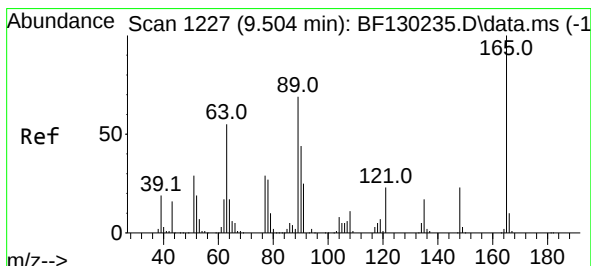
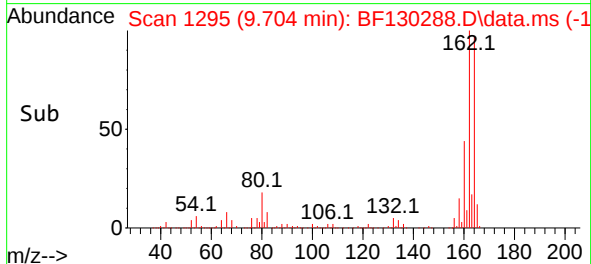
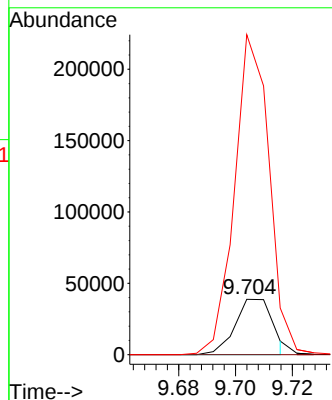
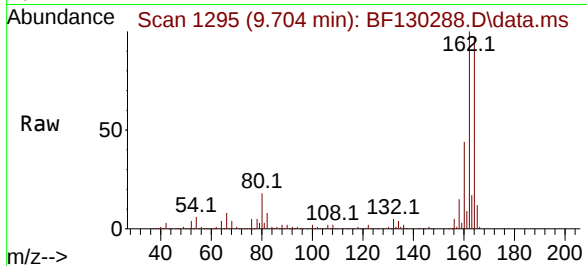




#50
Dimethylphthalate
Concen: 2.720 ng
RT: 9.704 min Scan# 1217
Delta R.T. 0.259 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

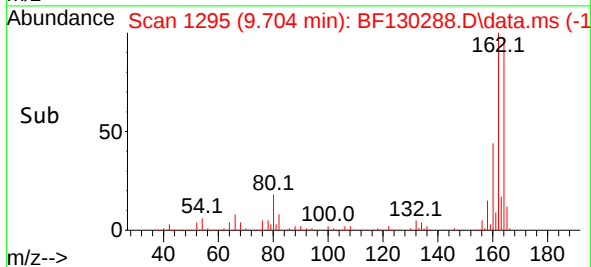
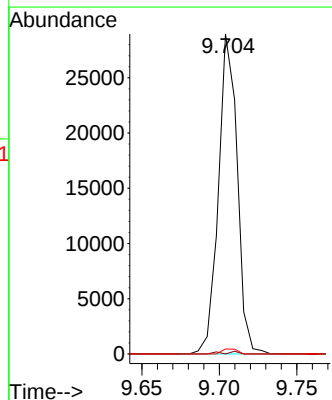
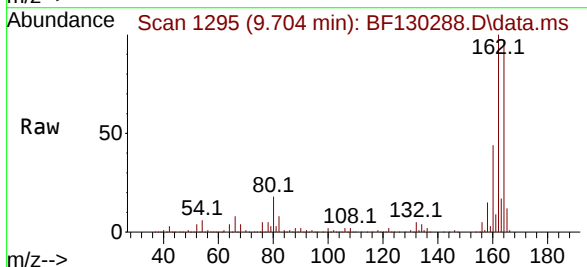
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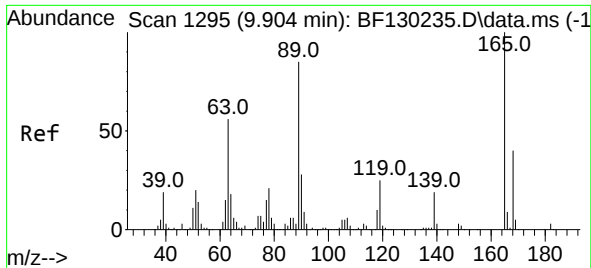
Tgt Ion:163 Resp: 35898
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 577.4 8.2 12.2#



#51
2,6-Dinitrotoluene
Concen: 8.835 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.200 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

Tgt Ion:165 Resp: 24390
Ion Ratio Lower Upper
165 100
63 0.0 58.8 88.2#
89 1.5 54.5 81.7#

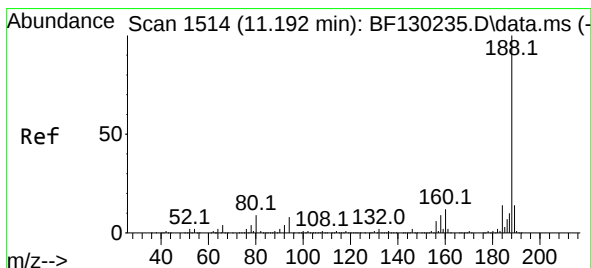
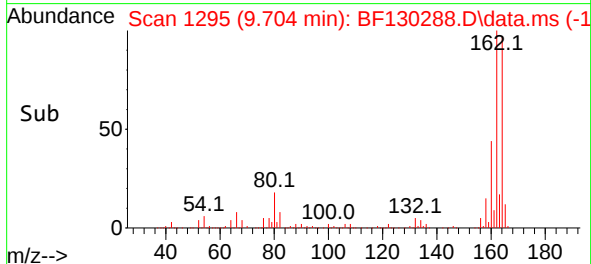
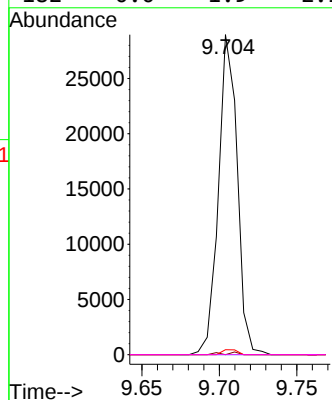
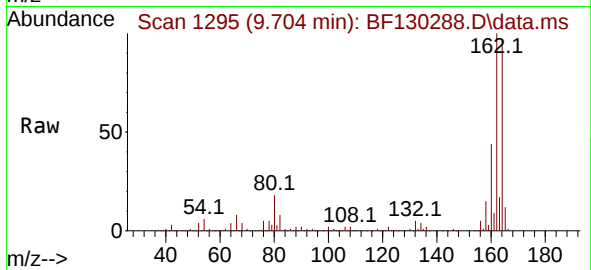




#57
2,4-Dinitrotoluene
Concen: 6.913 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

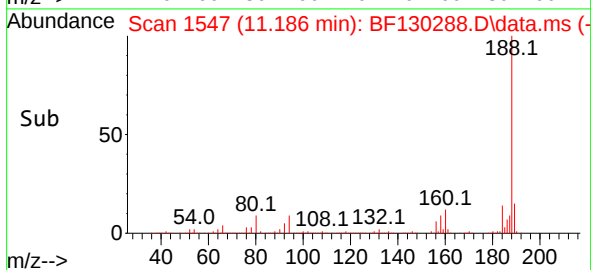
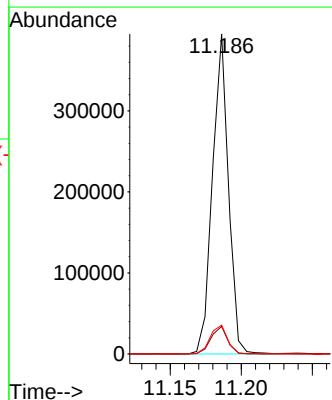
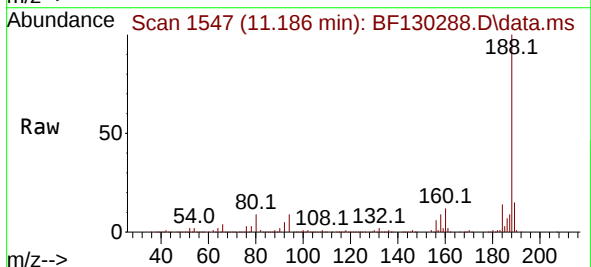
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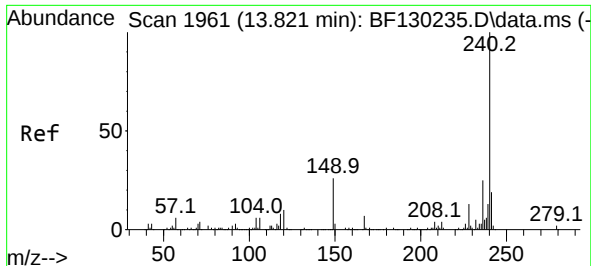
Tgt Ion:165 Resp: 24390
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.5 69.0 103.4#
182 0.0 1.9 2.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 1547
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

Tgt Ion:188 Resp: 308697
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.0 7.9 11.9

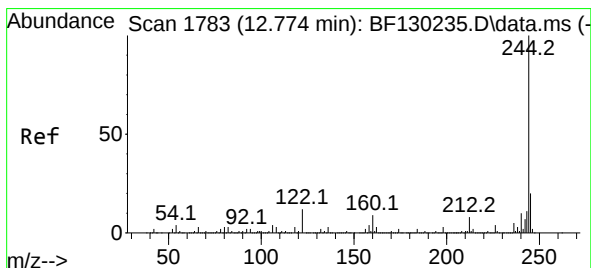
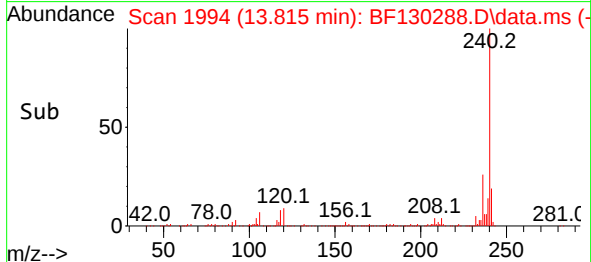
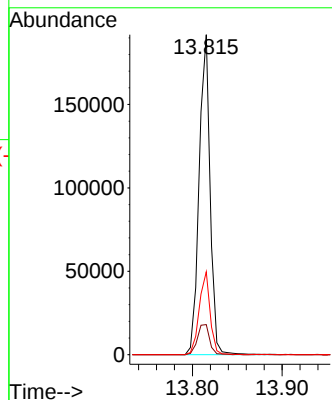
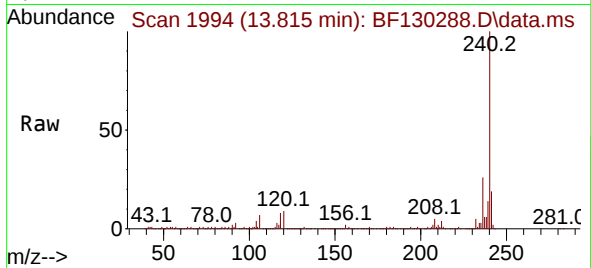




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.815 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

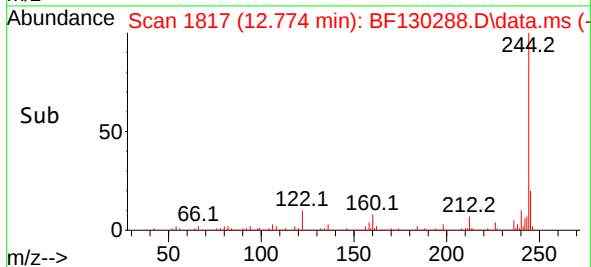
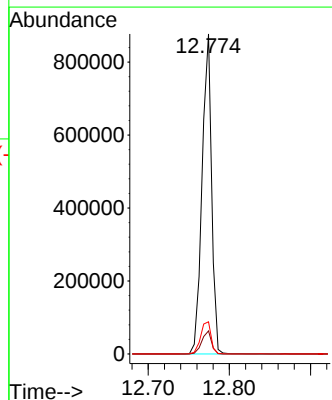
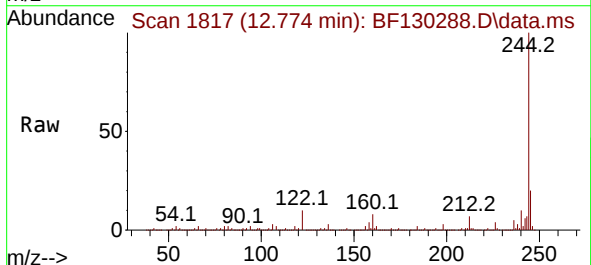
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-7

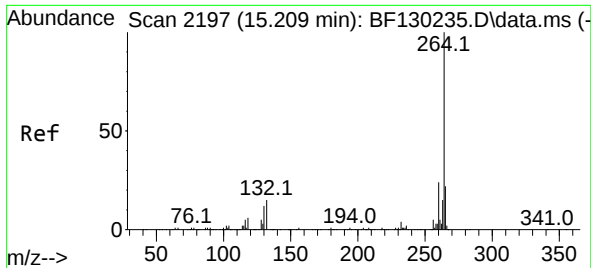
Tgt Ion:240 Resp: 162467
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 73.139 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

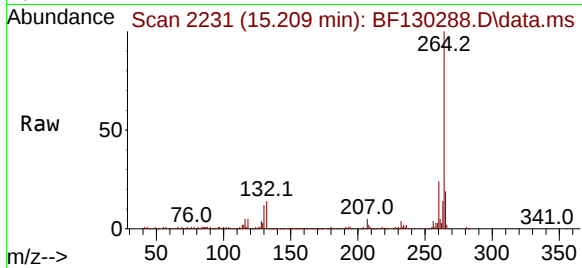
Tgt Ion:244 Resp: 717341
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.0 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.209 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF130288.D
 Acq: 16 Sep 2022 13:12

Instrument :
 BNA_F
 ClientSampleId :
 CRUSHED-MASONRY-PILE-7



Tgt Ion:264 Resp: 182962
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 19.2 17.0 25.4

