

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

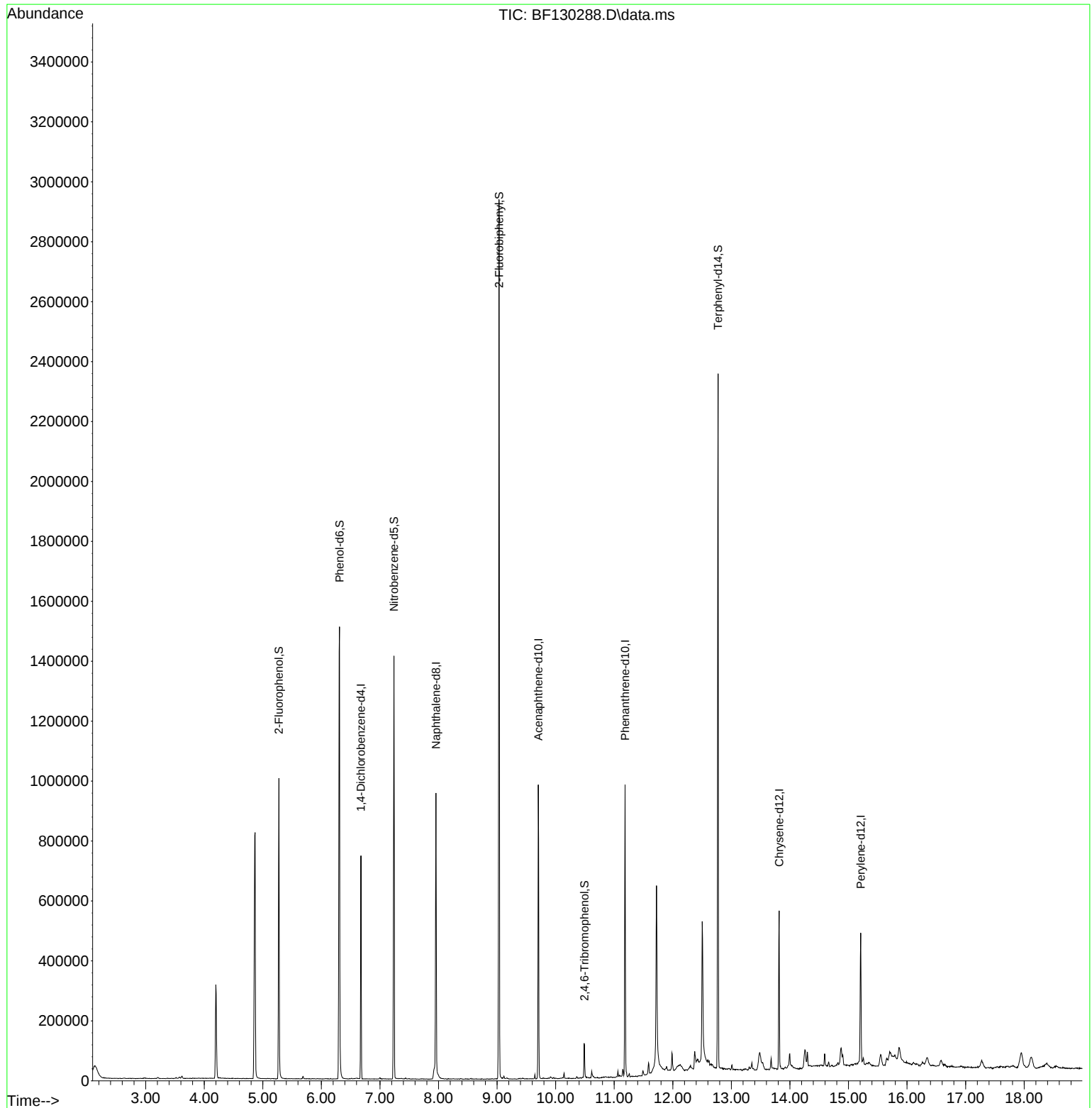
Target Compounds	Qvalue

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

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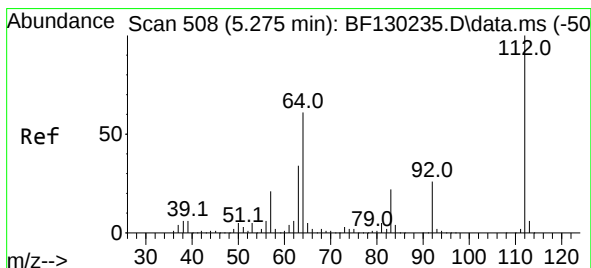
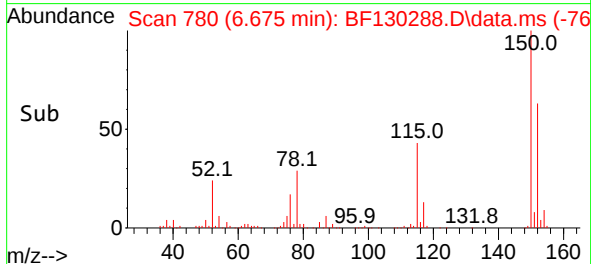
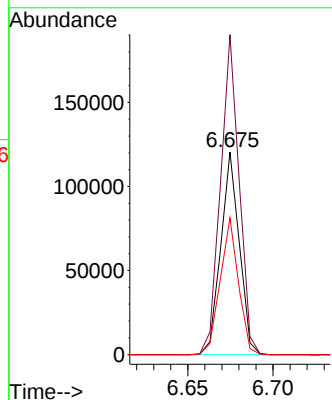
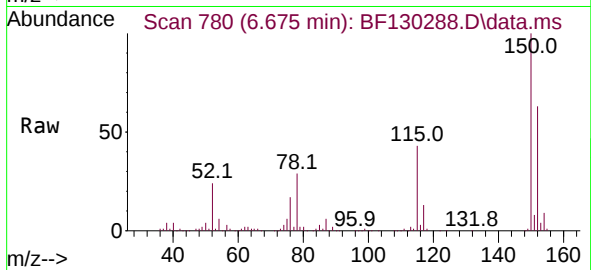




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.675 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

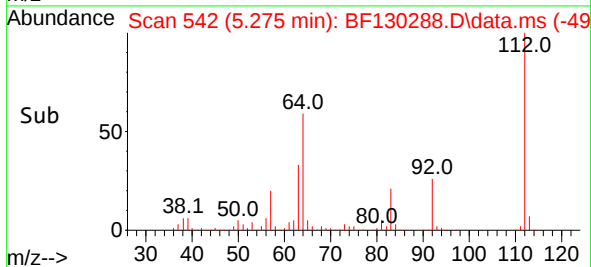
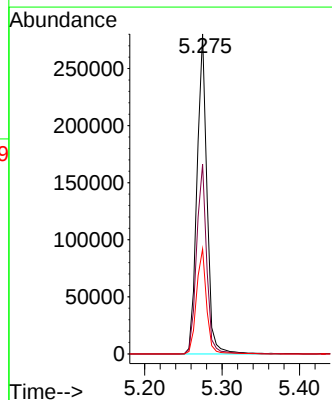
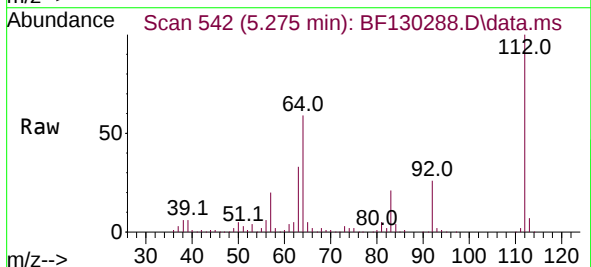
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-7

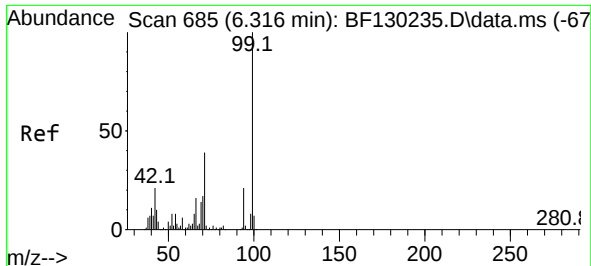
Tgt Ion:152 Resp: 90868
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 67.5 53.8 80.8



#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

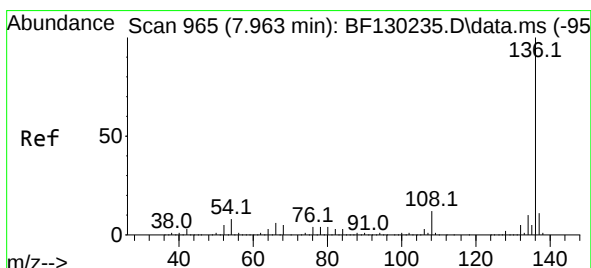
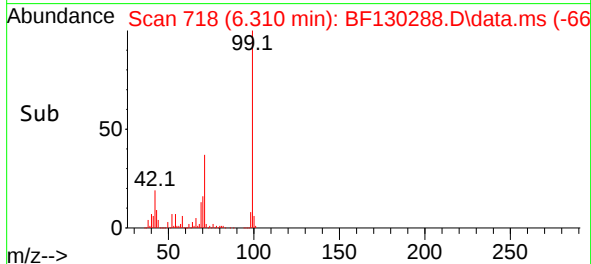
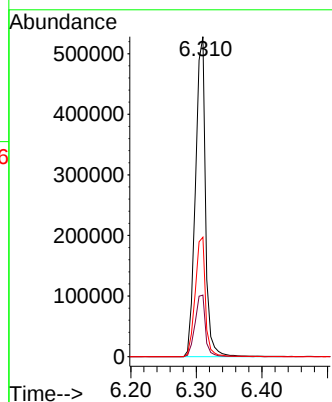
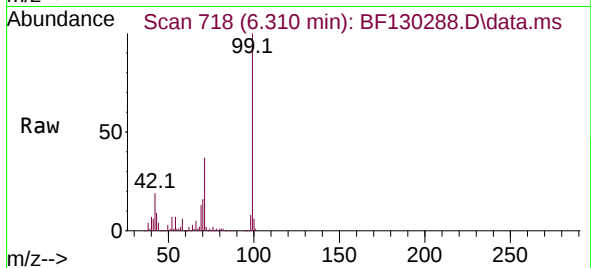




#7
Phenol-d6
Concen: 85.554 ng
RT: 6.310 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

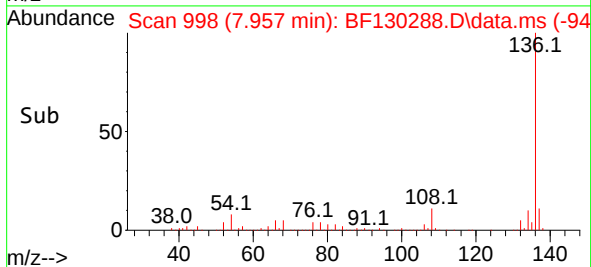
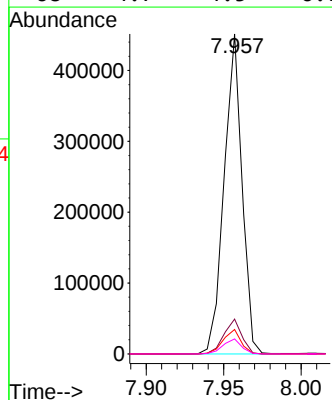
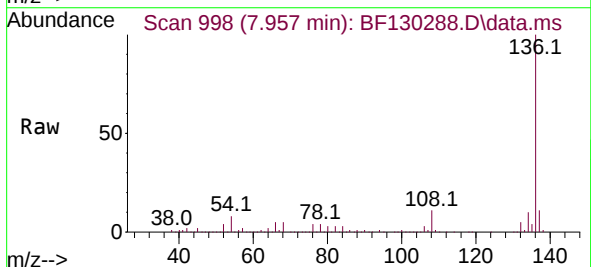
Instrument :
BNA_F
ClientSampleId :
CRUSHED-MASONRY-PILE-7

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



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

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# 81

Delta R.T. -0.012 min

Lab File: BF130288.D

Acq: 16 Sep 2022 13:12

Instrument :

BNA_F

ClientSampleId :

CRUSHED-MASONRY-PILE-7

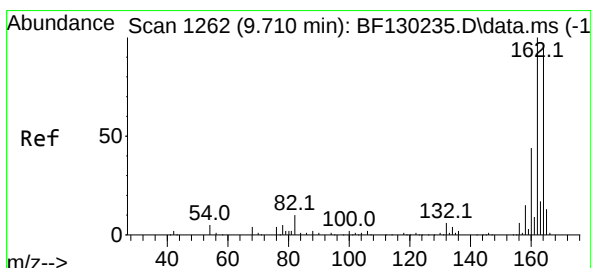
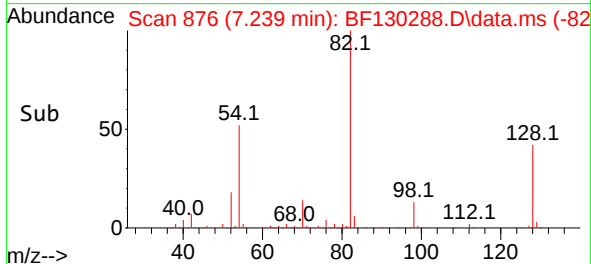
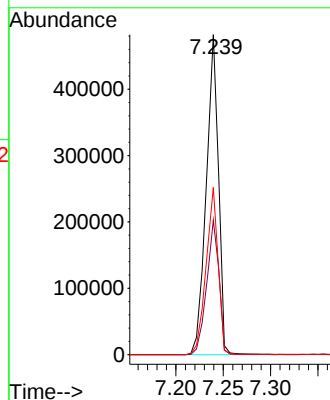
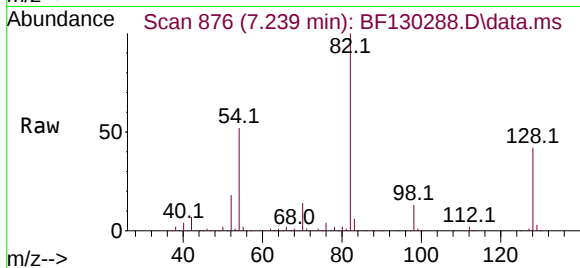
Tgt Ion: 82 Resp: 433316

Ion Ratio Lower Upper

82 100

128 42.0 32.6 49.0

54 52.2 43.8 65.6



#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

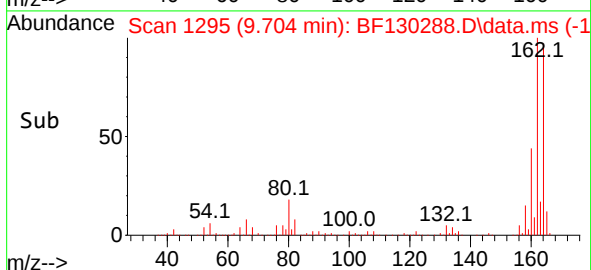
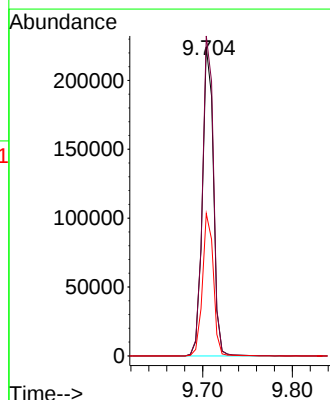
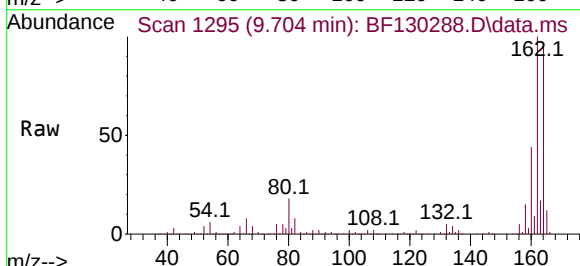
Tgt Ion:164 Resp: 191085

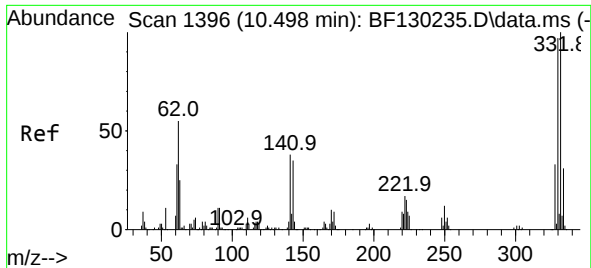
Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

160 46.1 36.2 54.4

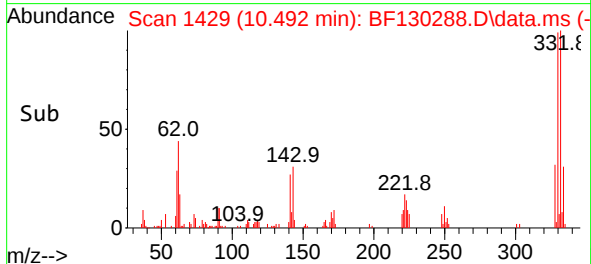
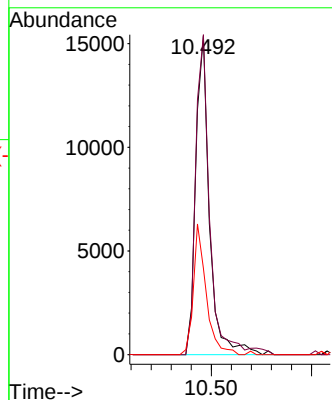
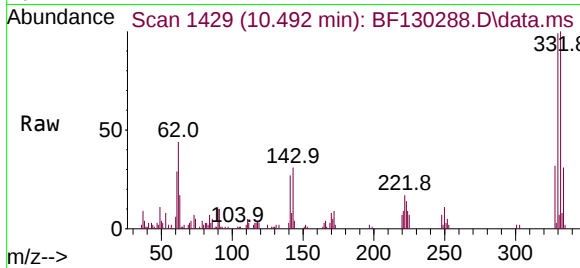




#42
2,4,6-Tribromophenol
Concen: 7.960 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

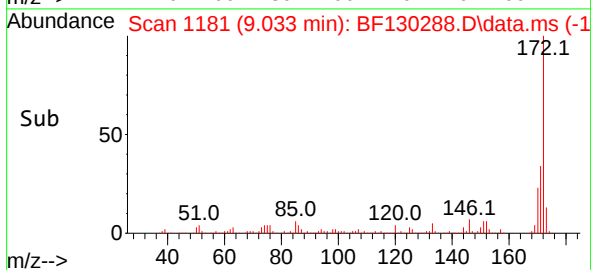
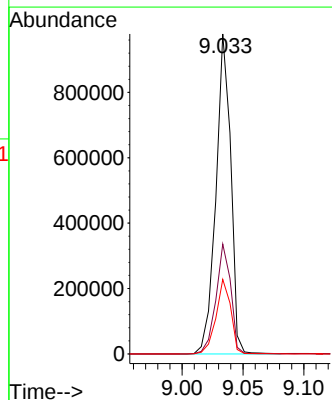
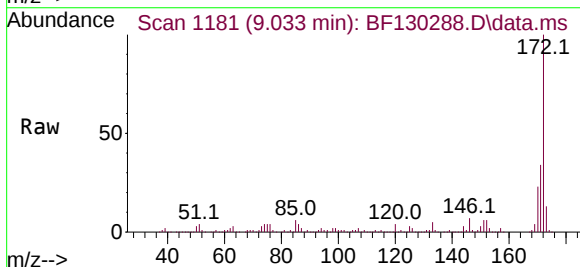
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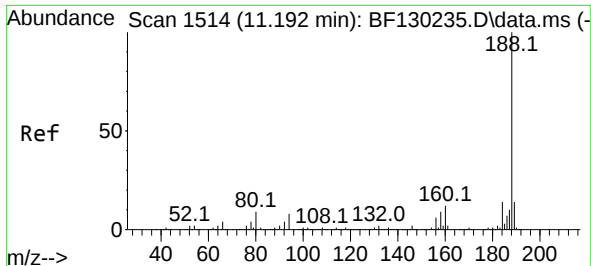
Tgt Ion: 330 Resp: 14574
Ion Ratio Lower Upper
330 100
332 103.1 83.4 125.2
141 38.1 34.0 51.0



#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

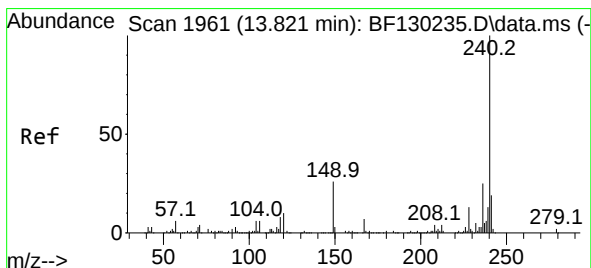
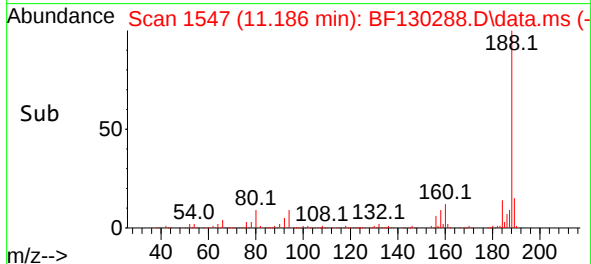
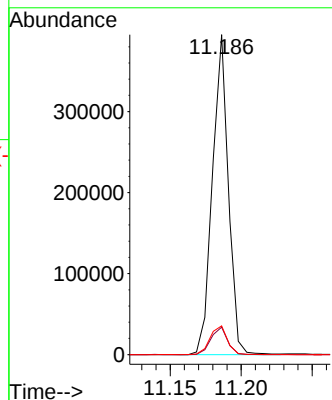
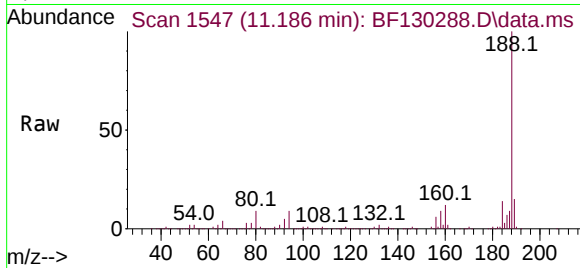




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

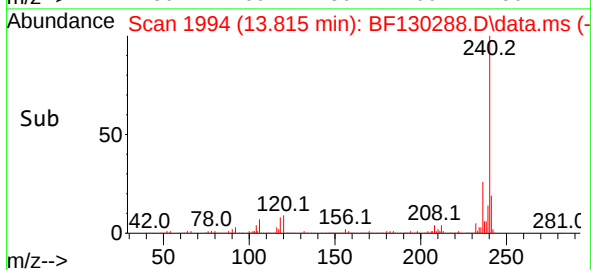
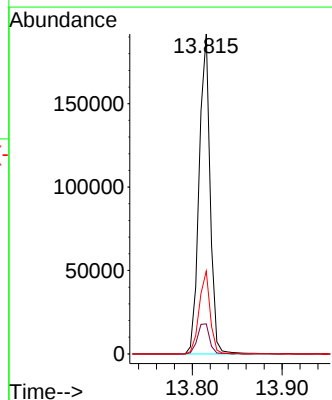
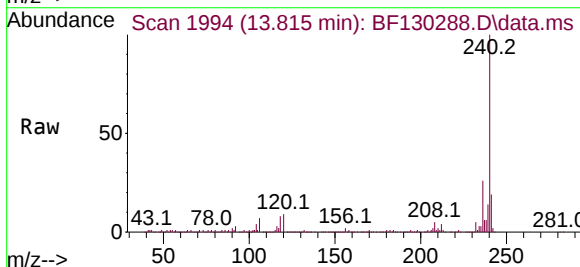
Instrument :
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ClientSampleId :
CRUSHED-MASONRY-PILE-7

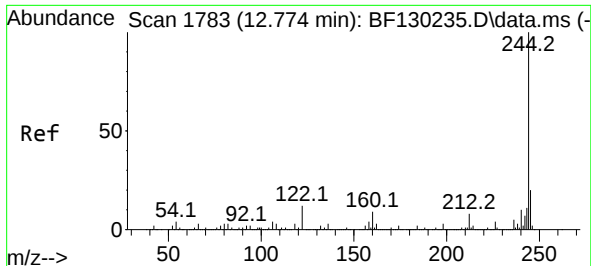
Tgt Ion:188 Resp: 308697
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.0 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

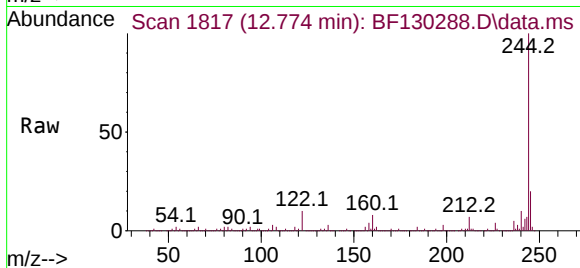
Tgt Ion:240 Resp: 162467
Ion Ratio Lower Upper
240 100
120 9.4 8.7 13.1
236 25.9 20.9 31.3



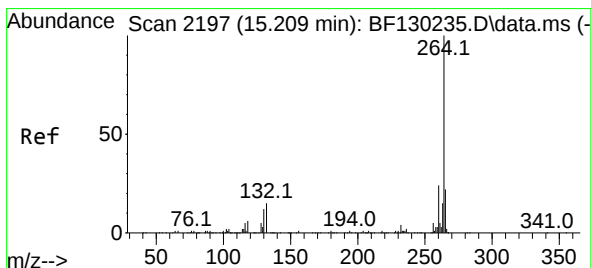
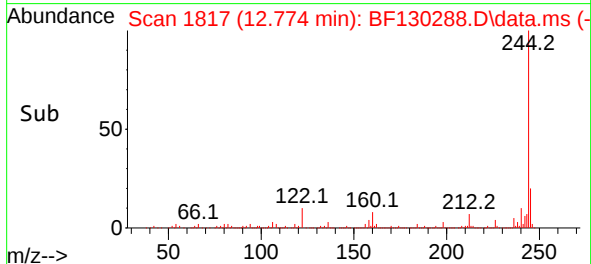
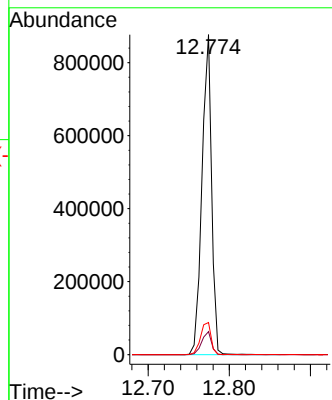


#79
Terphenyl-d14
Concen: 73.139 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

Instrument :
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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# 2231
Delta R.T. 0.000 min
Lab File: BF130288.D
Acq: 16 Sep 2022 13:12

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

