

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100322\
 Data File : BF130498.D
 Acq On : 03 Oct 2022 14:56
 Operator : CG\JU
 Sample : N4888-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-1

Quant Time: Oct 04 03:15:29 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 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	86554	20.000	ng	-0.01
21) Naphthalene-d8	7.916	136	390635	20.000	ng	-0.01
39) Acenaphthene-d10	9.669	164	189288	20.000	ng	-0.01
64) Phenanthrene-d10	11.145	188	276009	20.000	ng	#-0.01
76) Chrysene-d12	13.780	240	141216	20.000	ng	-0.01
86) Perylene-d12	15.169	264	142503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	544778	109.169	ng	0.00
7) Phenol-d6	6.281	99	786239	125.920	ng	-0.01
23) Nitrobenzene-d5	7.204	82	582433	76.172	ng	-0.01
42) 2,4,6-Tribromophenol	10.457	330	190792	105.193	ng	-0.01
45) 2-Fluorobiphenyl	8.998	172	1024791	78.837	ng	-0.01
79) Terphenyl-d14	12.733	244	1035580	121.476	ng	-0.01

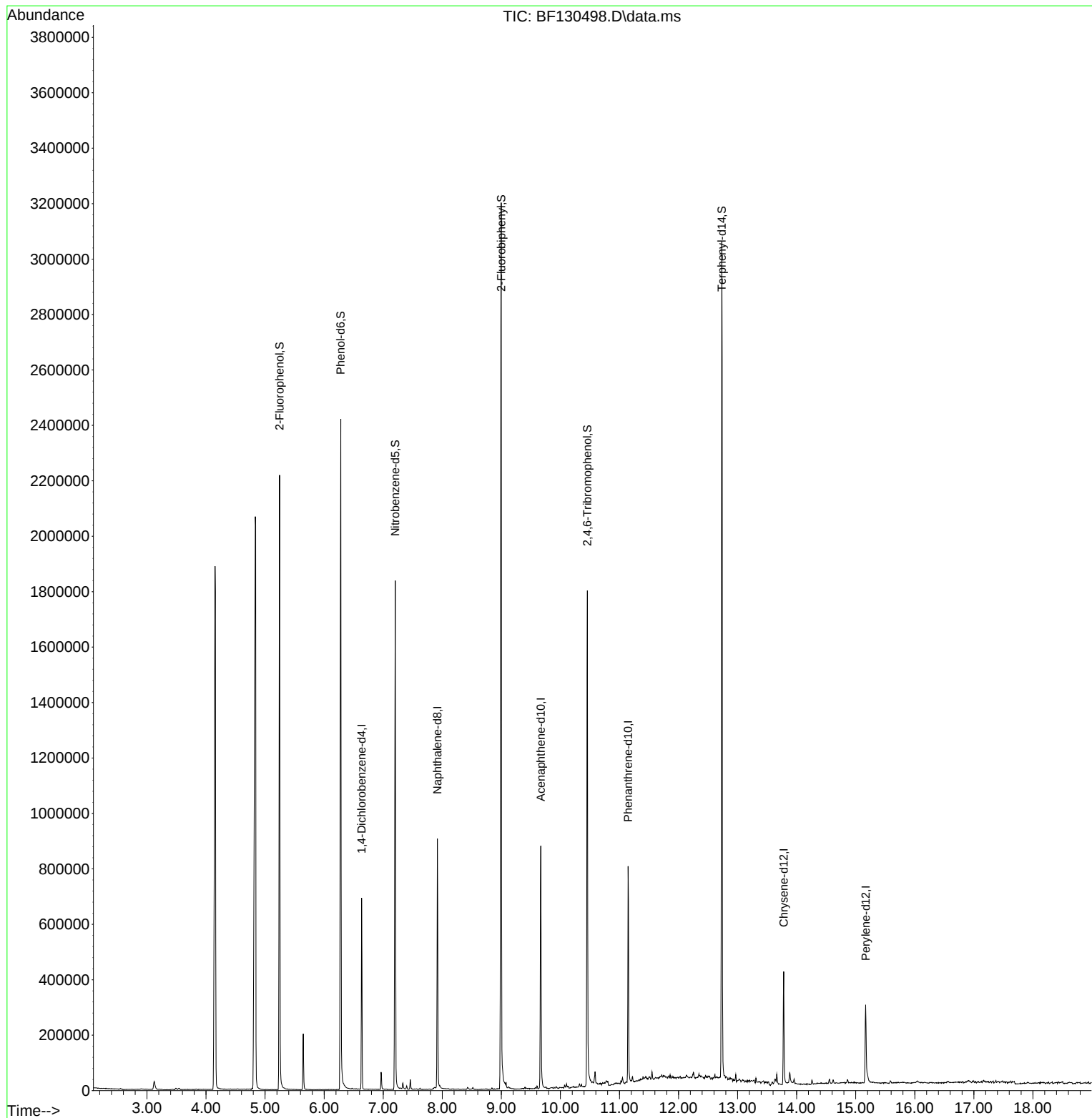
Target Compounds	Qvalue

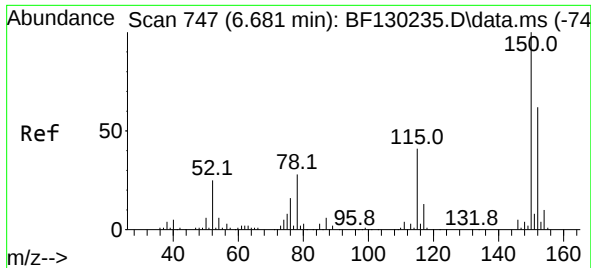
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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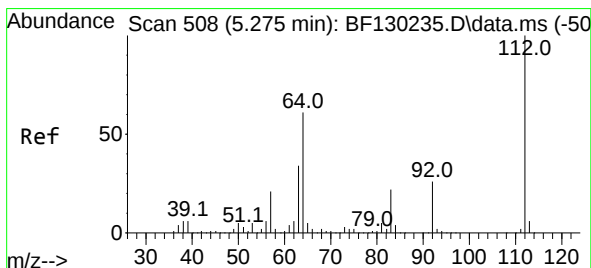
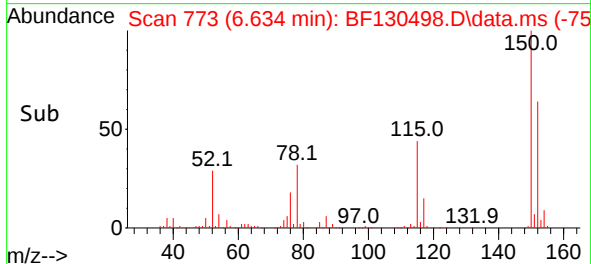
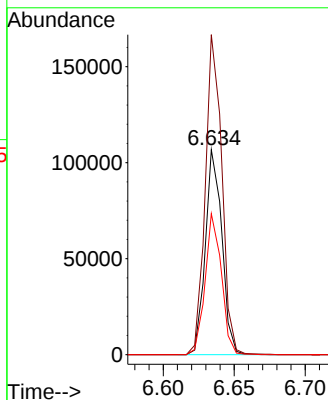
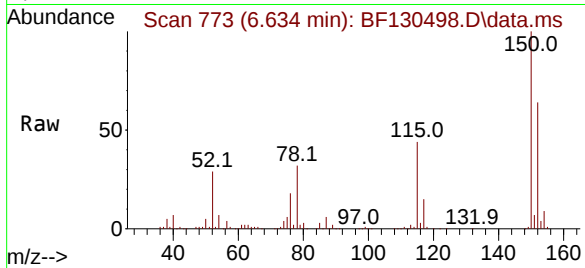




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.634 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

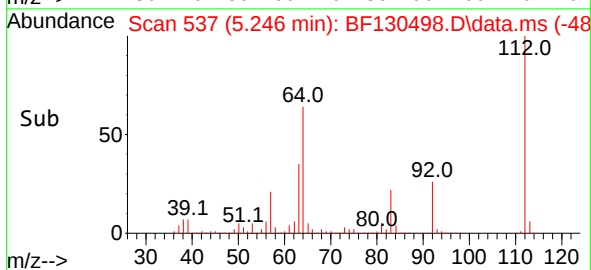
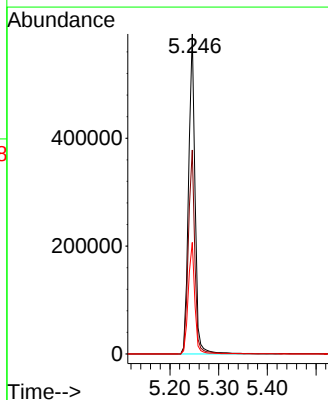
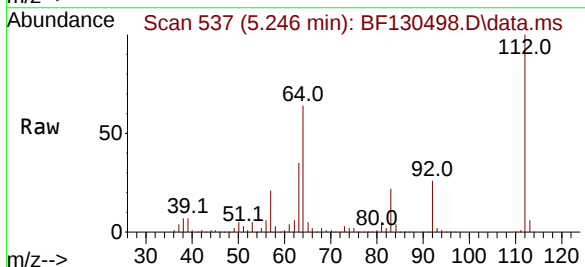
Instrument :
BNA_F
ClientSampleId :
T-1

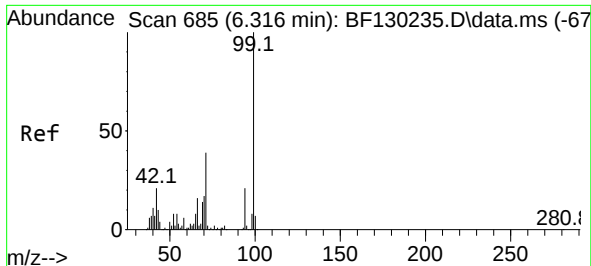
Tgt Ion:152 Resp: 86554
Ion Ratio Lower Upper
152 100
150 156.1 122.8 184.2
115 68.8 53.8 80.8



#5
2-Fluorophenol
Concen: 109.169 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:112 Resp: 544778
Ion Ratio Lower Upper
112 100
64 63.7 51.4 77.0
63 34.8 28.8 43.2





#7
Phenol-d6
Concen: 125.920 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

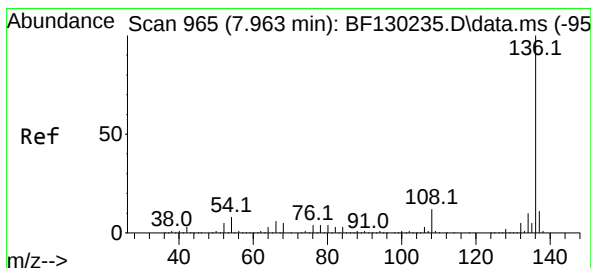
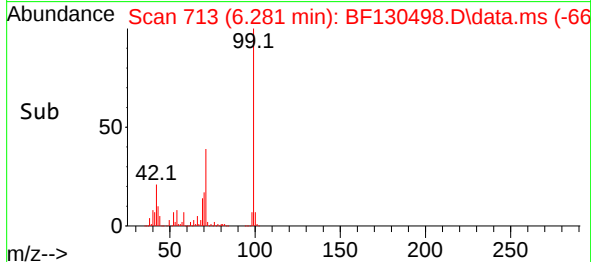
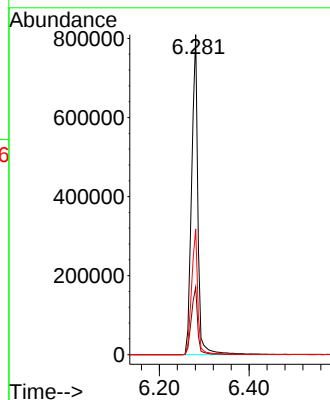
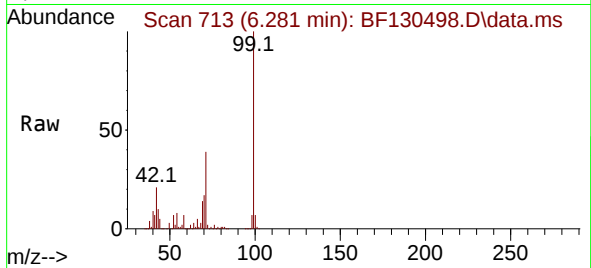
Instrument :

BNA_F

ClientSampleId :

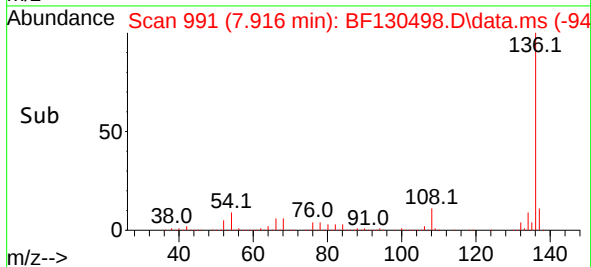
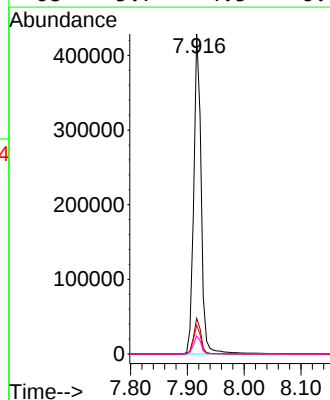
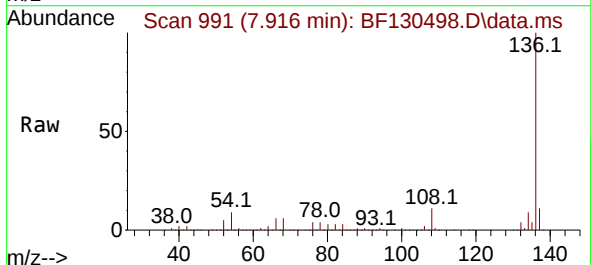
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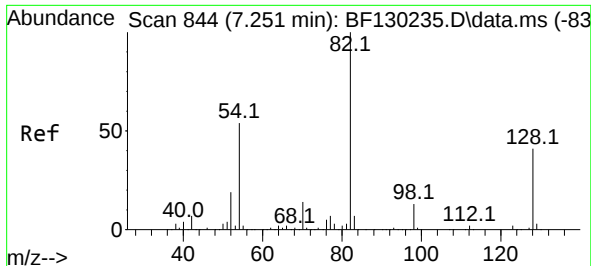
Tgt Ion: 99 Resp: 786239
Ion Ratio Lower Upper
99 100
42 21.1 17.0 25.6
71 39.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.916 min Scan# 991
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion: 136 Resp: 390635
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.9 7.1 10.7
68 5.7 4.5 6.7





#23

Nitrobenzene-d5

Concen: 76.172 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF130498.D

Acq: 03 Oct 2022 14:56

Instrument :

BNA_F

ClientSampleId :

T-1

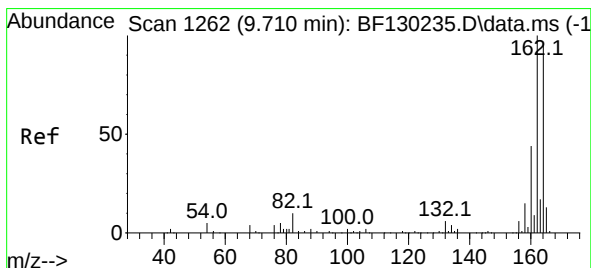
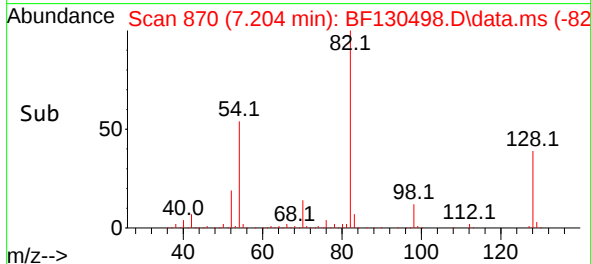
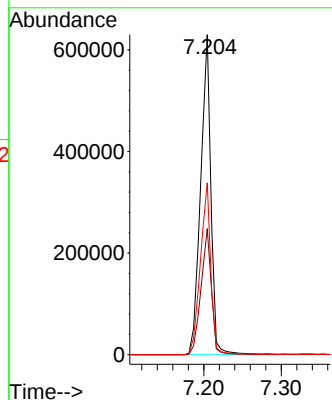
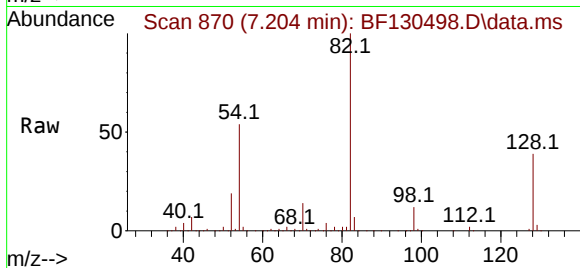
Tgt Ion: 82 Resp: 582433

Ion Ratio Lower Upper

82 100

128 39.4 32.6 49.0

54 53.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.669 min Scan# 1289

Delta R.T. -0.012 min

Lab File: BF130498.D

Acq: 03 Oct 2022 14:56

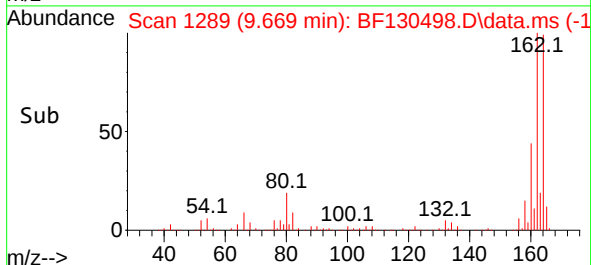
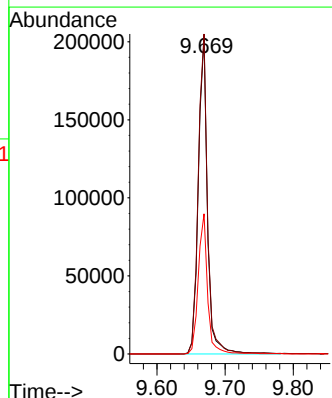
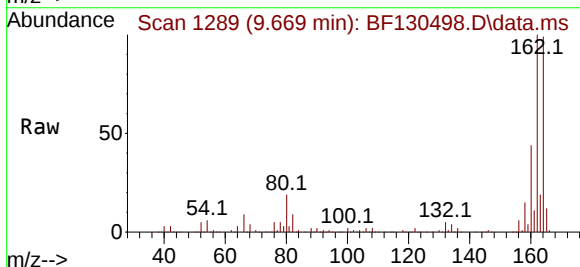
Tgt Ion:164 Resp: 189288

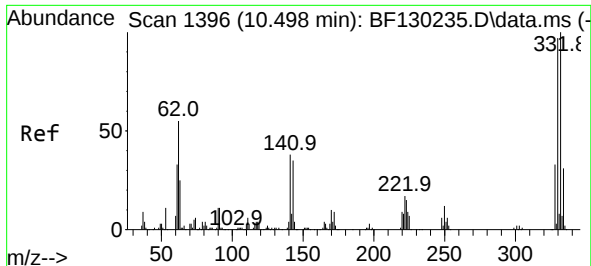
Ion Ratio Lower Upper

164 100

162 101.2 81.4 122.0

160 44.3 36.2 54.4

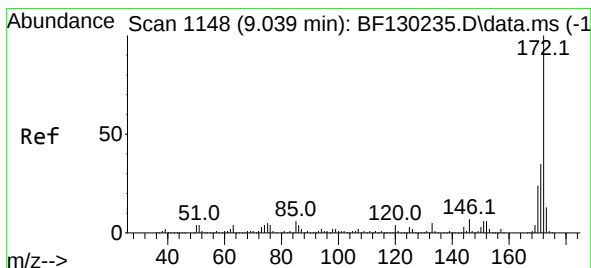
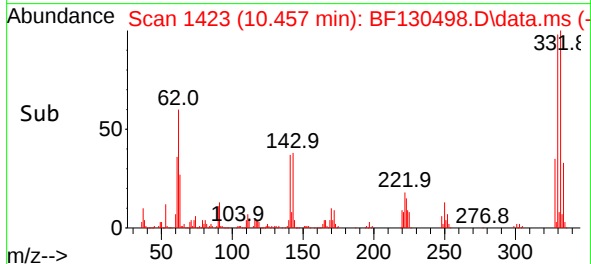
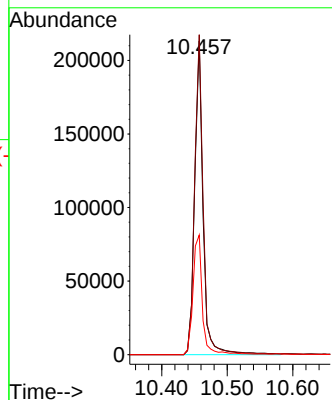
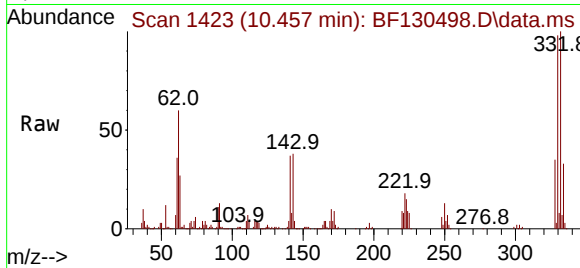




#42
2,4,6-Tribromophenol
Concen: 105.193 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

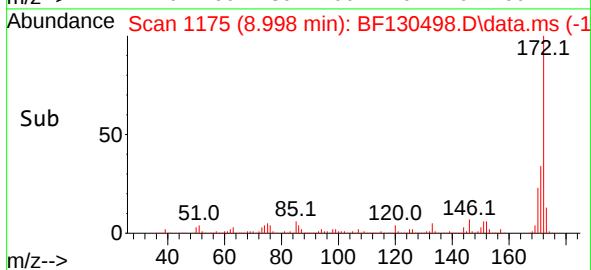
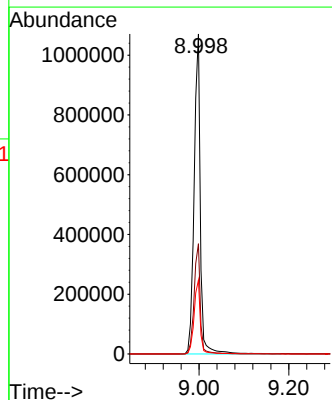
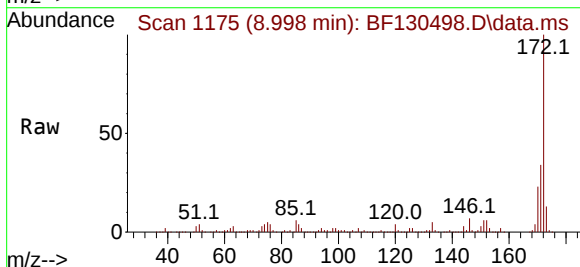
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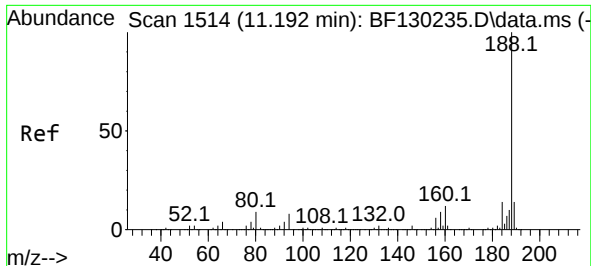
Tgt Ion:330 Resp: 190792
Ion Ratio Lower Upper
330 100
332 104.2 83.4 125.2
141 43.0 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 78.837 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:172 Resp: 1024791
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.1 18.7 28.1

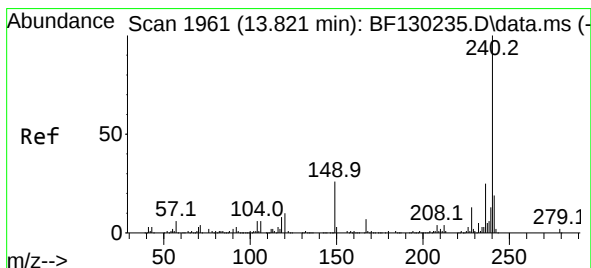
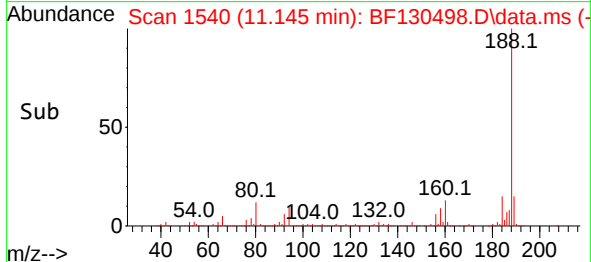
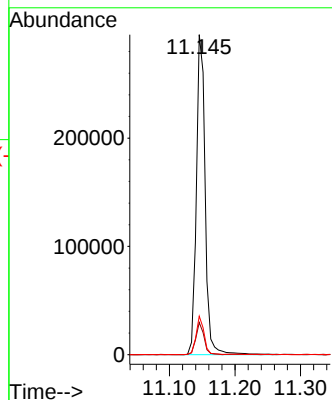
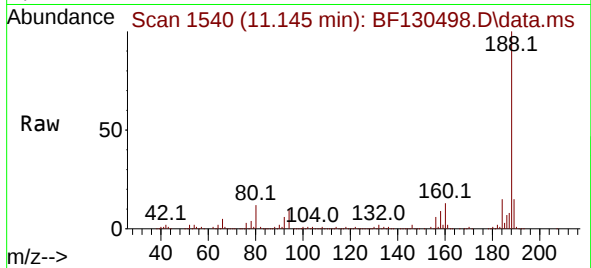




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

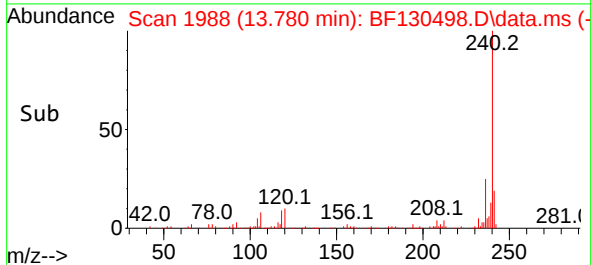
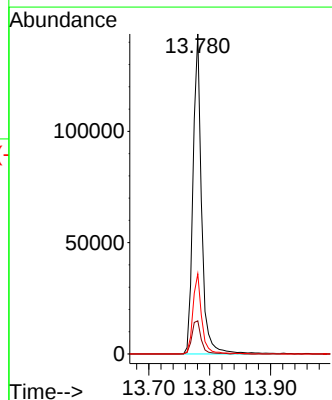
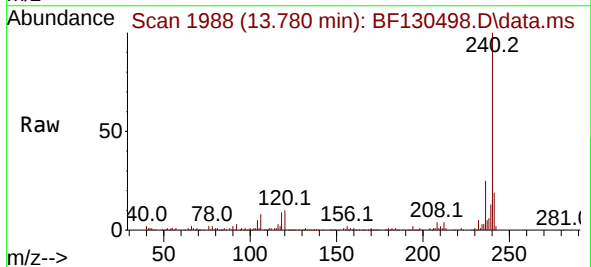
Instrument :
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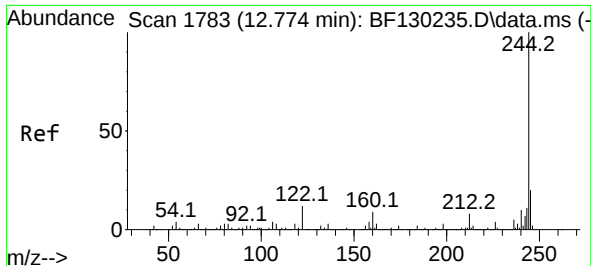
Tgt Ion:188 Resp: 276009
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 12.0 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.780 min Scan# 1988
Delta R.T. -0.011 min
Lab File: BF130498.D
Acq: 03 Oct 2022 14:56

Tgt Ion:240 Resp: 141216
Ion Ratio Lower Upper
240 100
120 10.4 8.7 13.1
236 25.1 20.9 31.3

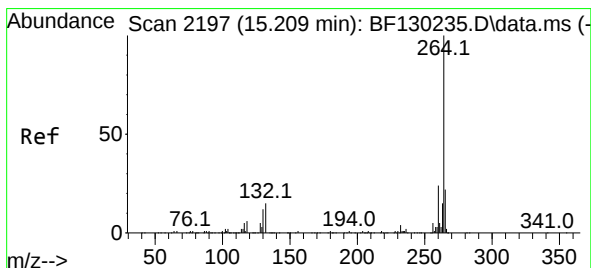
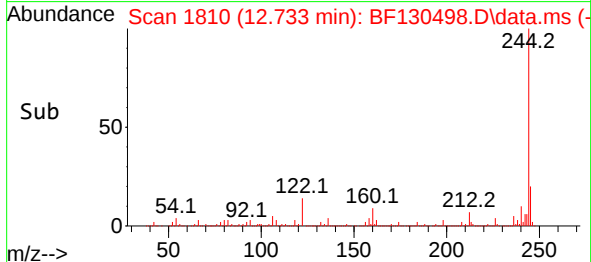
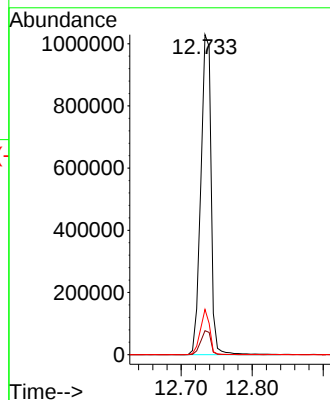
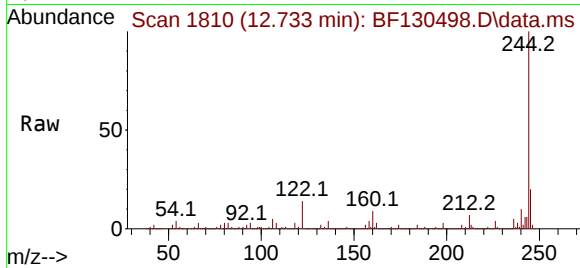




#79
 Terphenyl-d14
 Concen: 121.476 ng
 RT: 12.733 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF130498.D
 Acq: 03 Oct 2022 14:56

Instrument :
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Tgt Ion:244 Resp: 1035580
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 14.1 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.169 min Scan# 2224
 Delta R.T. -0.006 min
 Lab File: BF130498.D
 Acq: 03 Oct 2022 14:56

Tgt Ion:264 Resp: 142503
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 20.9 17.0 25.4

