

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130447.D
 Acq On : 28 Sep 2022 14:30
 Operator : CG\JU
 Sample : N4835-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 529317-4

Quant Time: Sep 29 02:14:30 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	6.645	152	111337	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	442705	20.000	ng	# 0.00
39) Acenaphthene-d10	9.675	164	231054	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	357355	20.000	ng	0.00
76) Chrysene-d12	13.786	240	191666	20.000	ng	0.00
86) Perylene-d12	15.174	264	210256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	315899	49.212	ng	0.00
7) Phenol-d6	6.281	99	225396	28.063	ng	-0.01
23) Nitrobenzene-d5	7.210	82	703902	81.231	ng	0.00
42) 2,4,6-Tribromophenol	10.463	330	177590	80.215	ng	0.00
45) 2-Fluorobiphenyl	9.004	172	1340531	84.485	ng	0.00
79) Terphenyl-d14	12.745	244	1149788	99.371	ng	0.00

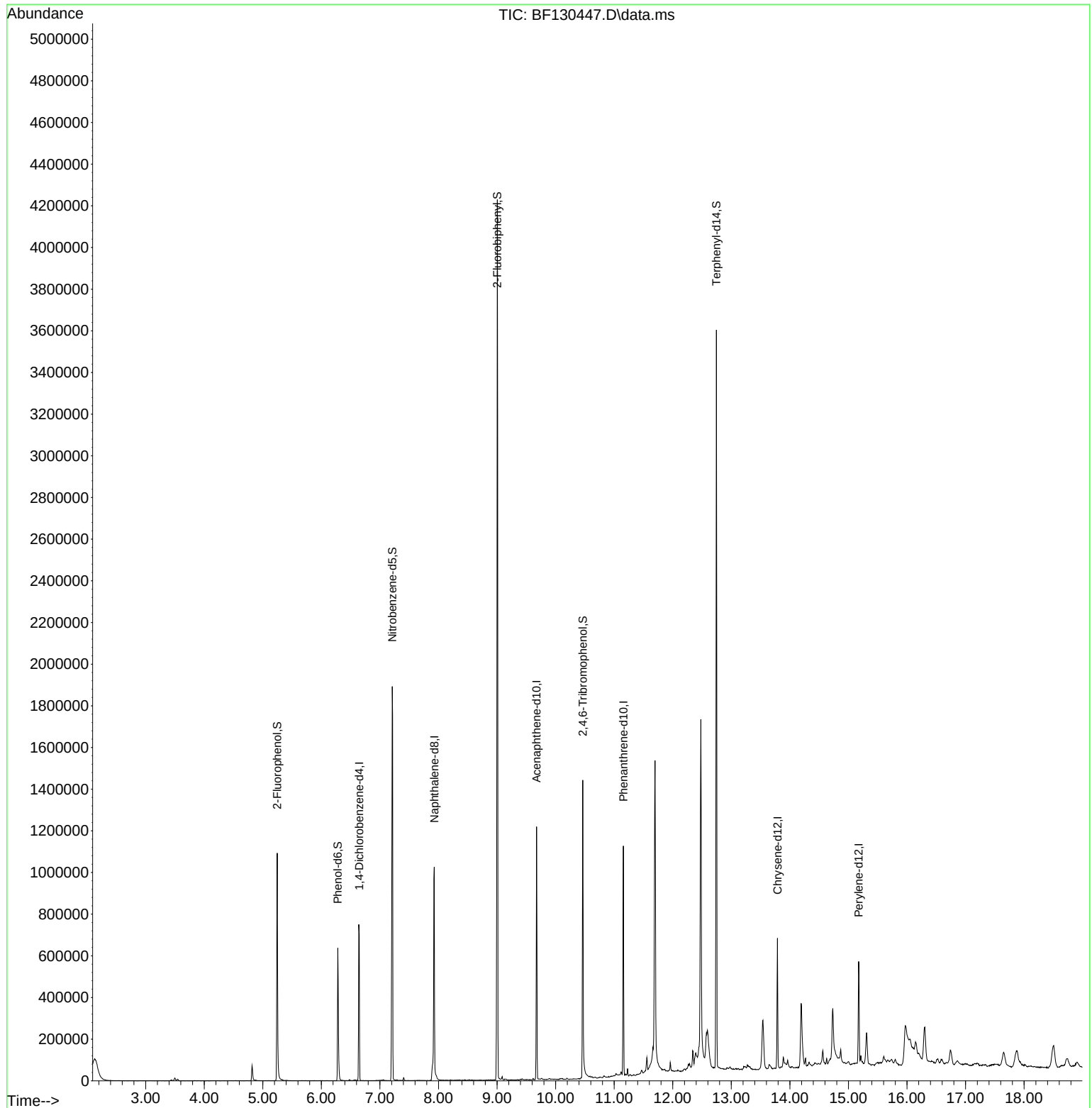
Target Compounds Qvalue

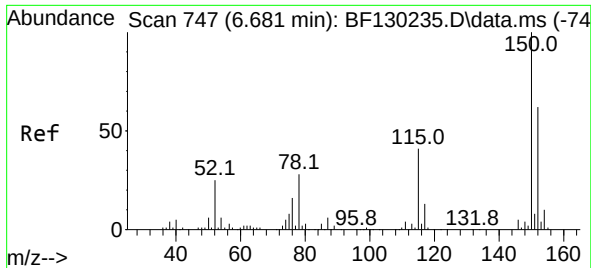
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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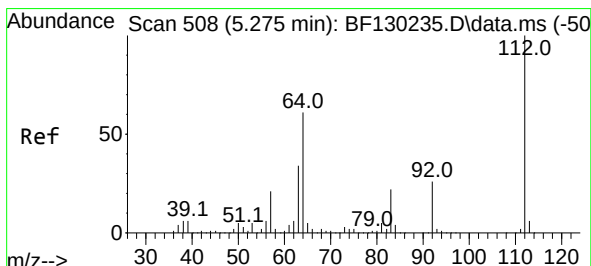
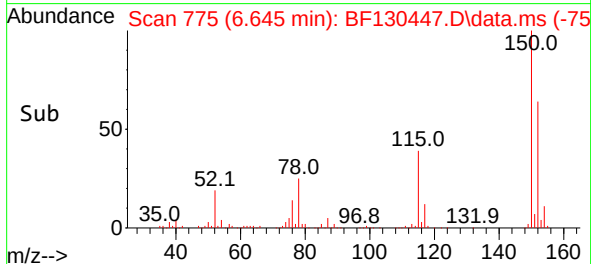
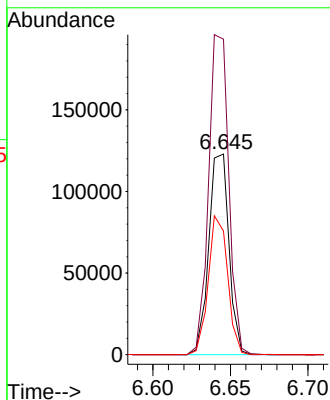
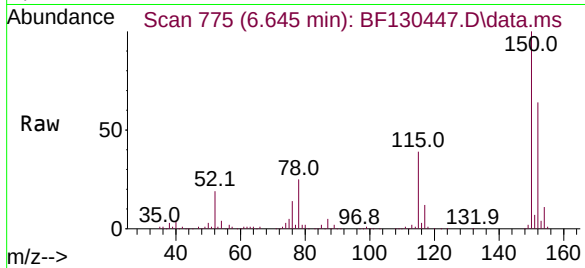




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

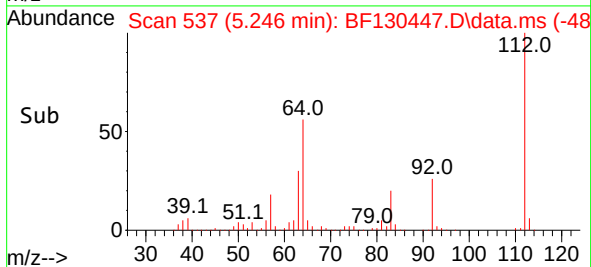
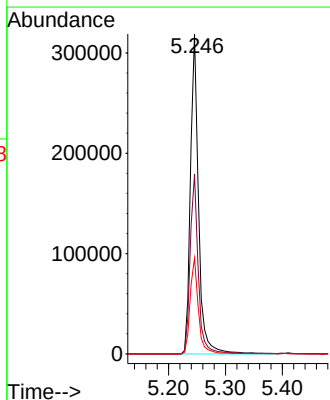
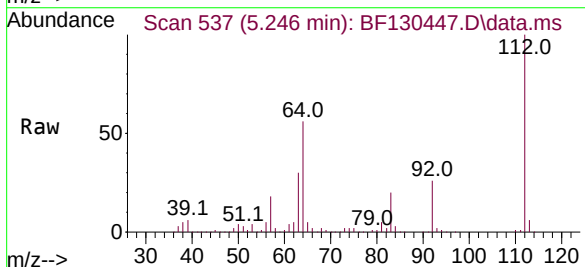
Instrument :
BNA_F
ClientSampleId :
529317-4

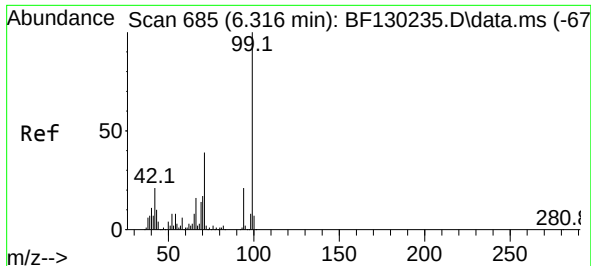
Tgt Ion:152 Resp: 111337
Ion Ratio Lower Upper
152 100
150 157.3 122.8 184.2
115 61.6 53.8 80.8



#5
2-Fluorophenol
Concen: 49.212 ng
RT: 5.246 min Scan# 537
Delta R.T. 0.000 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

Tgt Ion:112 Resp: 315899
Ion Ratio Lower Upper
112 100
64 56.1 51.4 77.0
63 29.9 28.8 43.2

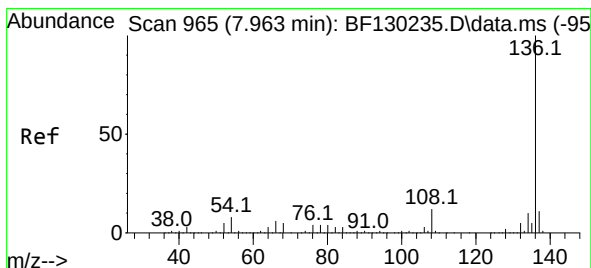
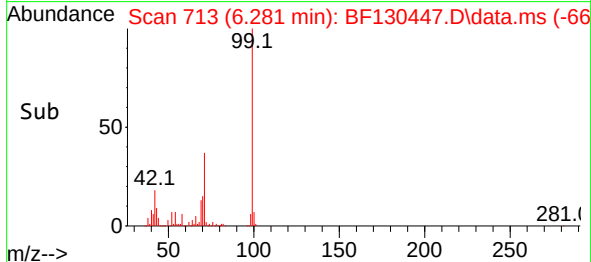
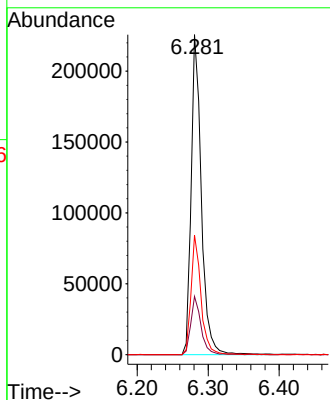
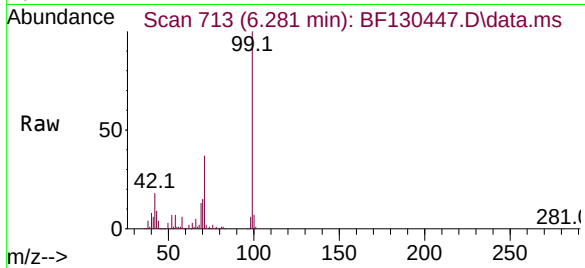




#7
Phenol-d6
Concen: 28.063 ng
RT: 6.281 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

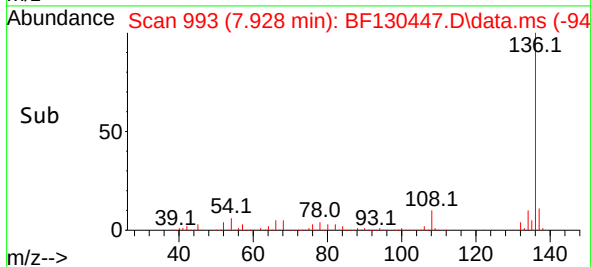
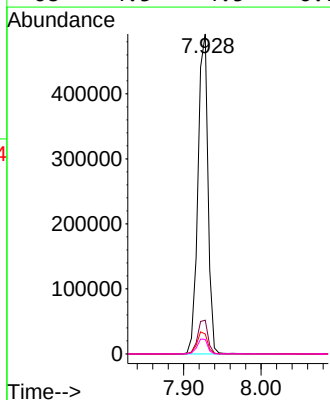
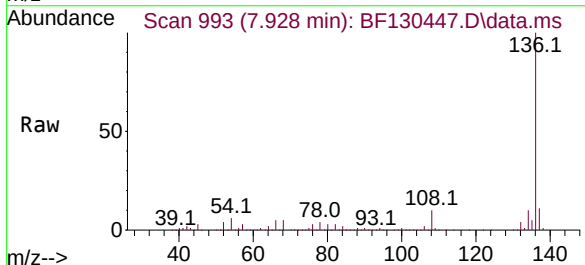
Instrument :
BNA_F
ClientSampleId :
529317-4

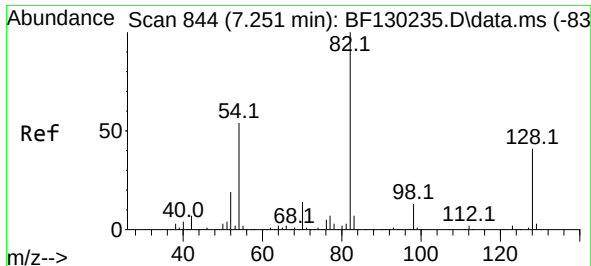
Tgt Ion: 99 Resp: 225396
Ion Ratio Lower Upper
99 100
42 18.2 17.0 25.6
71 37.3 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.000 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

Tgt Ion: 136 Resp: 442705
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.2 7.1 10.7#
68 4.5 4.5 6.7

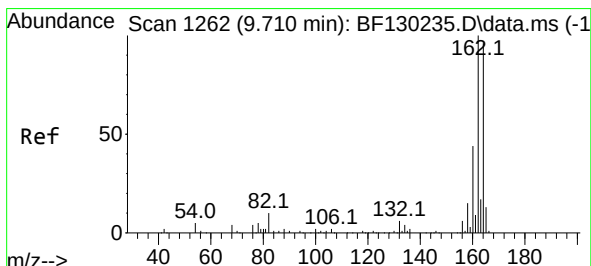
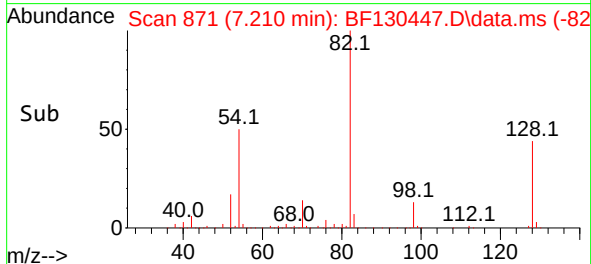
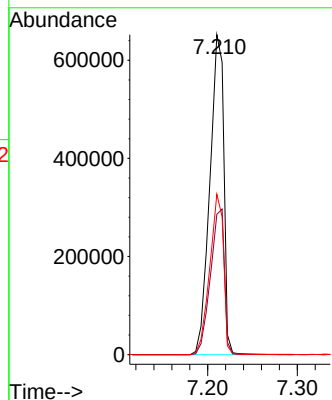
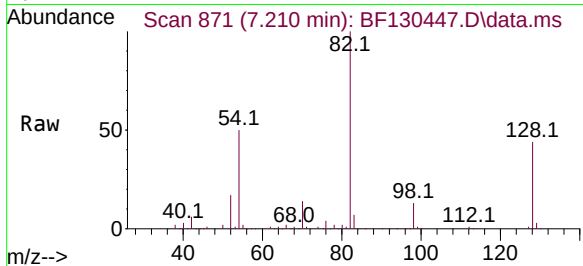




#23
Nitrobenzene-d5
Concen: 81.231 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

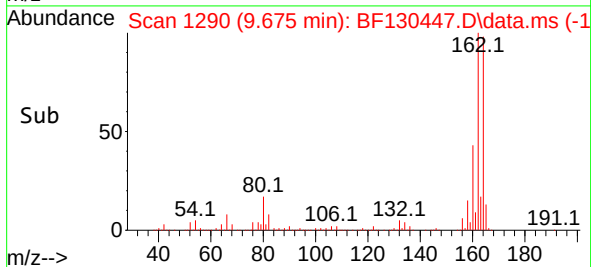
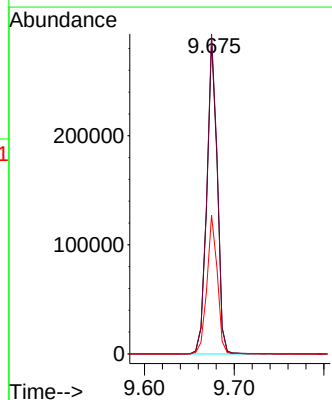
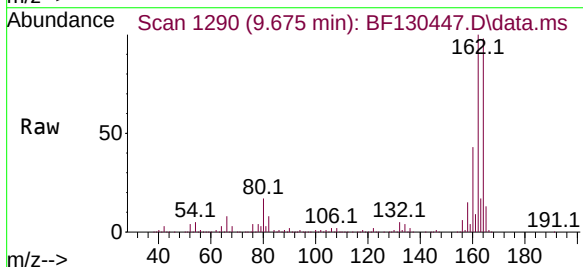
Instrument :
BNA_F
ClientSampleId :
529317-4

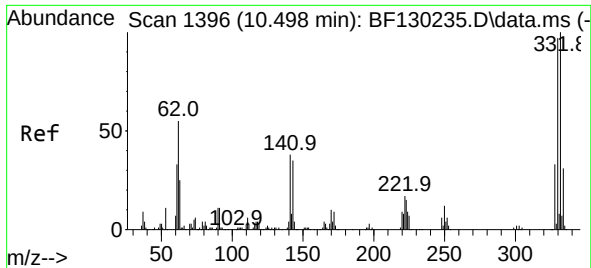
Tgt Ion: 82 Resp: 703902
Ion Ratio Lower Upper
82 100
128 43.8 32.6 49.0
54 50.2 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

Tgt Ion:164 Resp: 231054
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.2 36.2 54.4

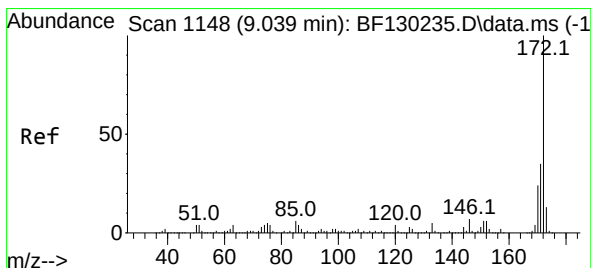
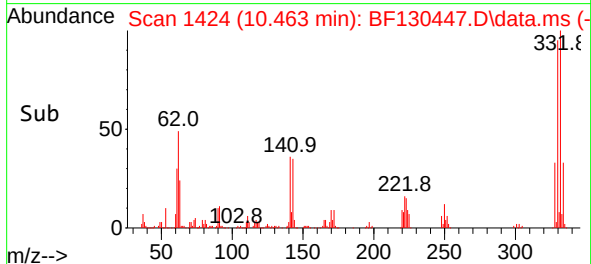
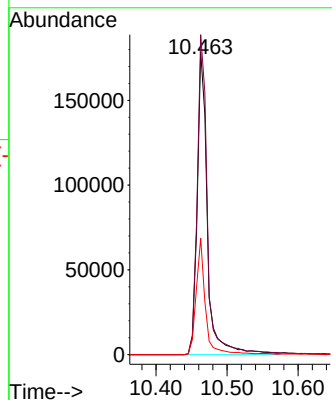
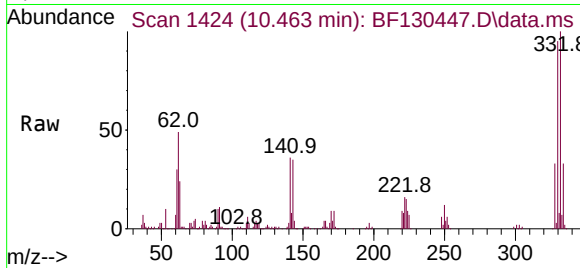




#42
2,4,6-Tribromophenol
Concen: 80.215 ng
RT: 10.463 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

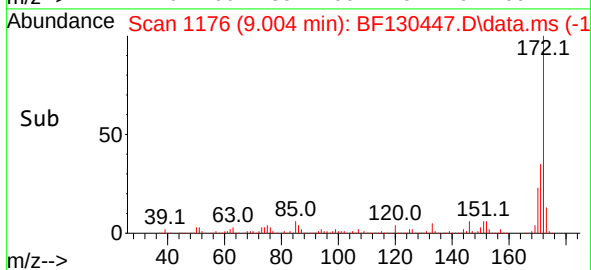
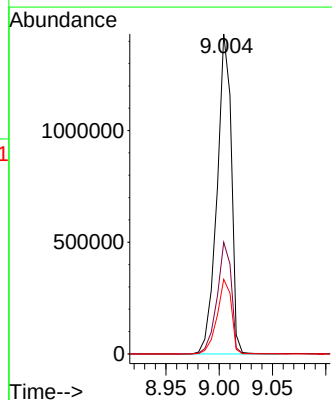
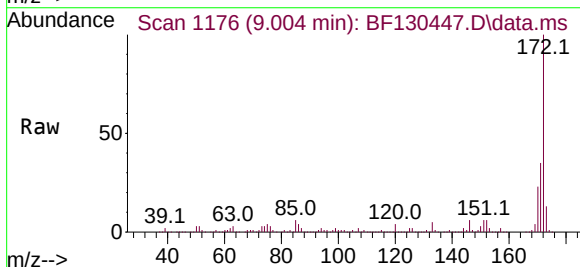
Instrument :
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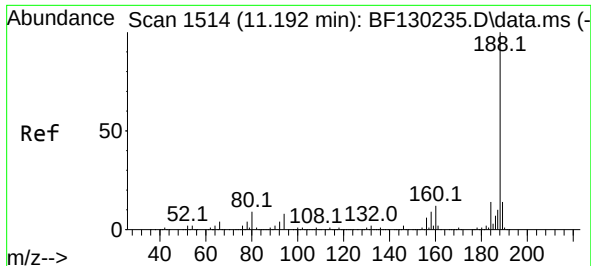
Tgt Ion:330 Resp: 177590
Ion Ratio Lower Upper
330 100
332 107.7 83.4 125.2
141 34.8 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 84.485 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.006 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

Tgt Ion:172 Resp: 1340531
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.3 18.7 28.1

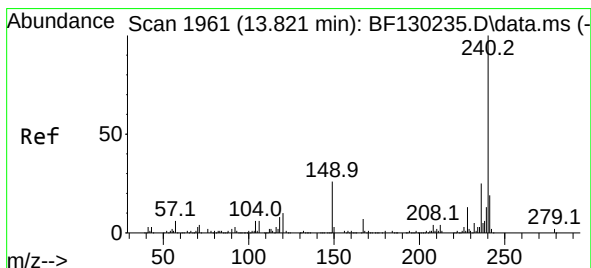
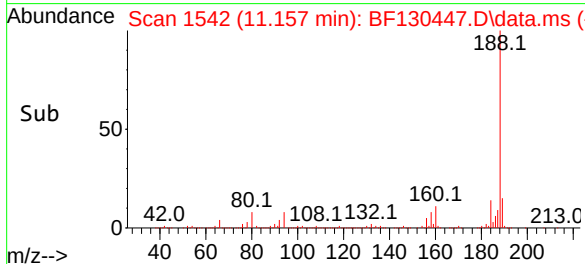
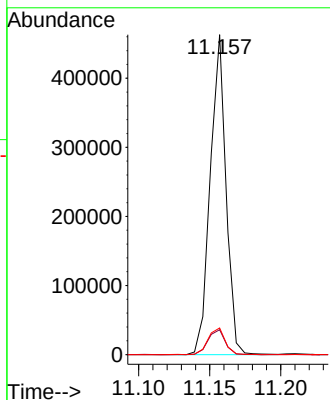
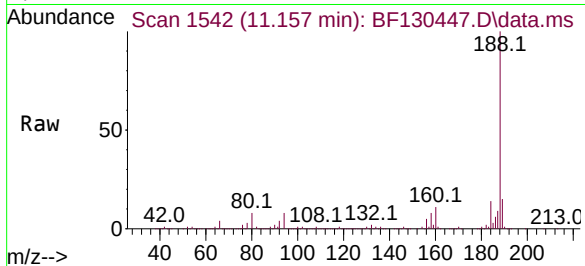




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

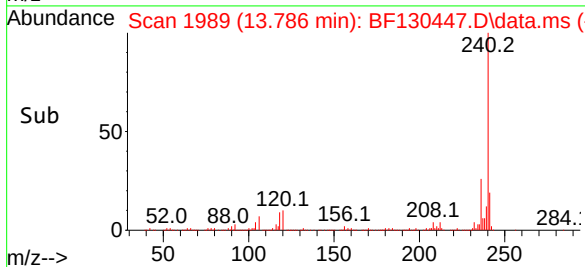
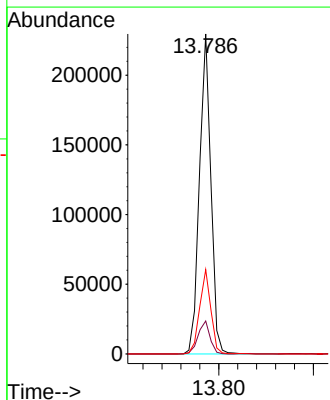
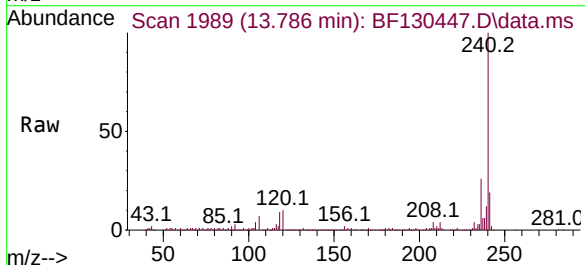
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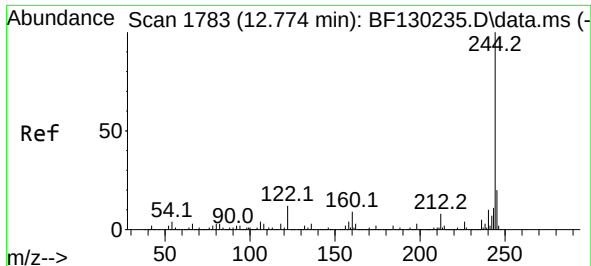
Tgt Ion:188 Resp: 357355
Ion Ratio Lower Upper
188 100
94 7.8 7.4 11.2
80 8.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130447.D
Acq: 28 Sep 2022 14:30

Tgt Ion:240 Resp: 191666
Ion Ratio Lower Upper
240 100
120 10.3 8.7 13.1
236 26.3 20.9 31.3

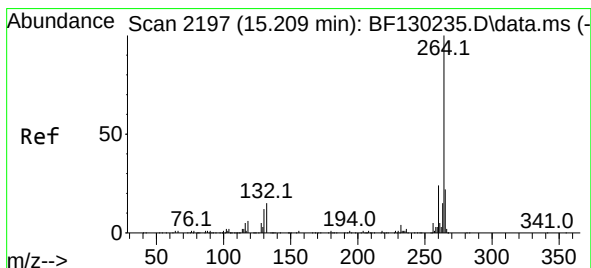
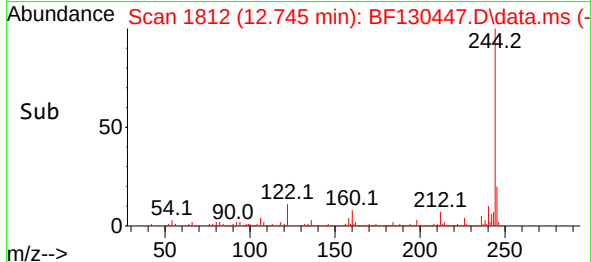
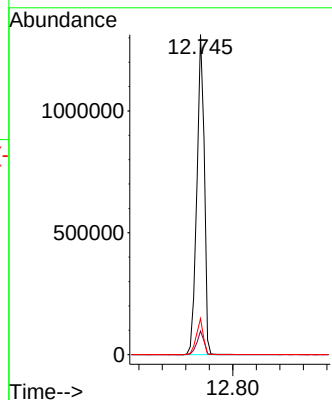
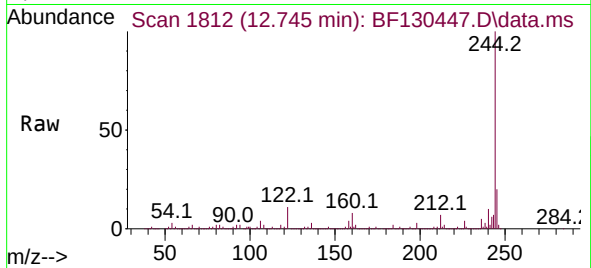




#79
 Terphenyl-d14
 Concen: 99.371 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130447.D
 Acq: 28 Sep 2022 14:30

Instrument :
 BNA_F
 ClientSampleId :
 529317-4

Tgt Ion:244 Resp: 1149788
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.3 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.174 min Scan# 2225
 Delta R.T. 0.000 min
 Lab File: BF130447.D
 Acq: 28 Sep 2022 14:30

Tgt Ion:264 Resp: 210256
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.3 28.9
 265 21.2 17.0 25.4

