

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130719.D
 Acq On : 19 Oct 2022 19:30
 Operator : CG\JU
 Sample : N5176-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 5236-1

Quant Time: Oct 20 02:46:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	80725	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	348646	20.000	ng	0.00
39) Acenaphthene-d10	9.598	164	215448	20.000	ng	-0.01
64) Phenanthrene-d10	11.074	188	357757	20.000	ng	-0.01
76) Chrysene-d12	13.710	240	188511	20.000	ng	-0.01
86) Perylene-d12	15.086	264	189099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.175	112	296844	66.284	ng	0.00
7) Phenol-d6	6.222	99	256715	45.593	ng	0.00
23) Nitrobenzene-d5	7.145	82	567631	88.879	ng	0.00
42) 2,4,6-Tribromophenol	10.392	330	279596	132.626	ng	0.00
45) 2-Fluorobiphenyl	8.928	172	1315900	92.517	ng	-0.01
79) Terphenyl-d14	12.663	244	930115	81.891	ng	-0.01

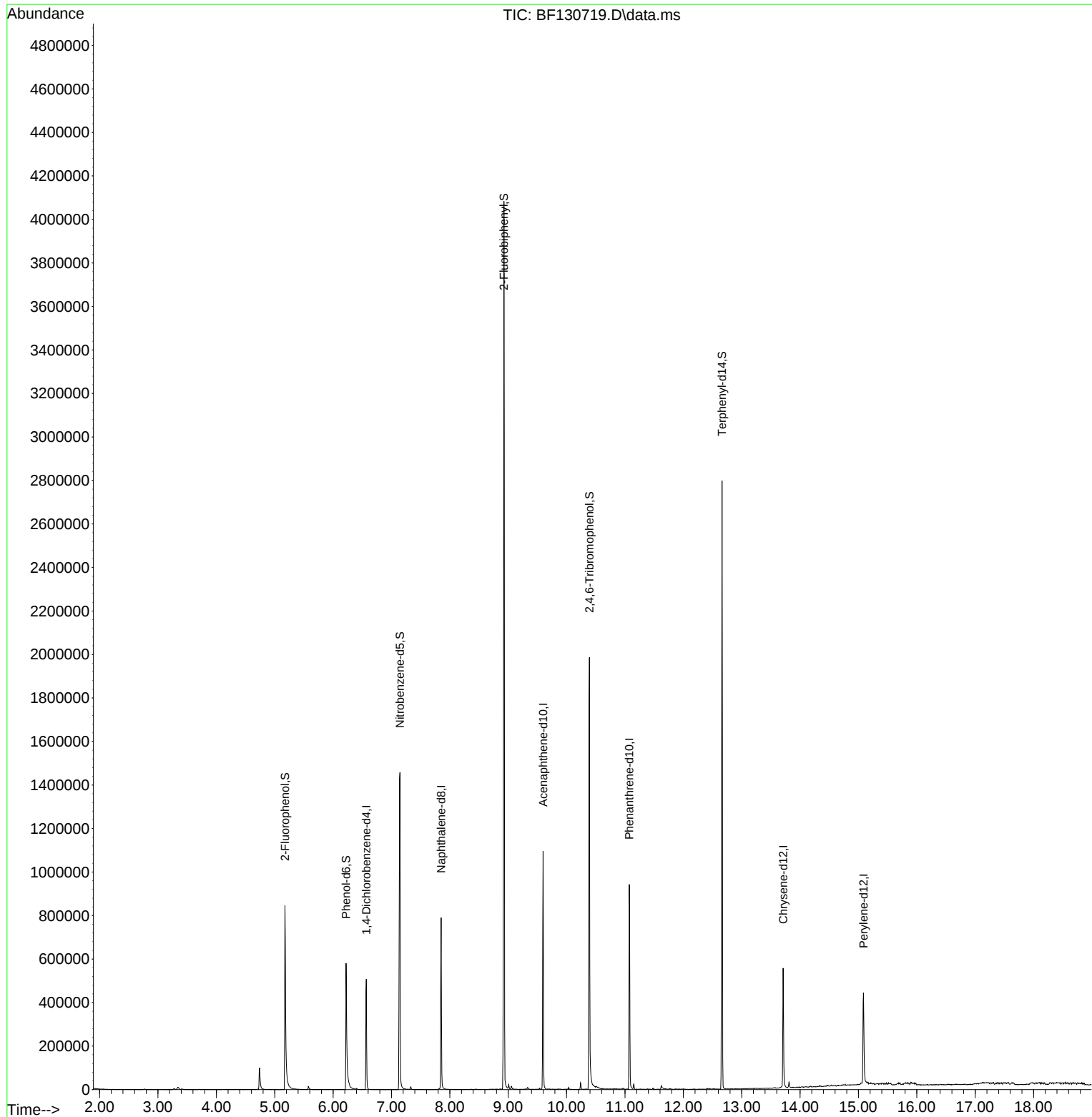
Target Compounds	Qvalue

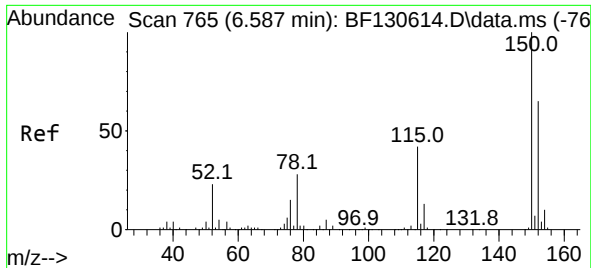
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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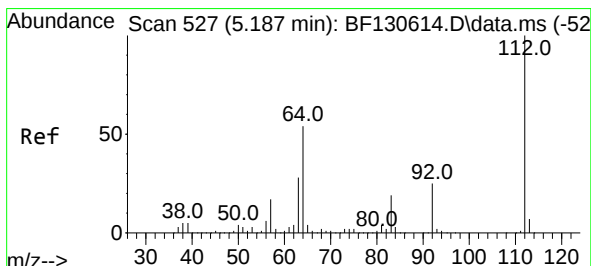
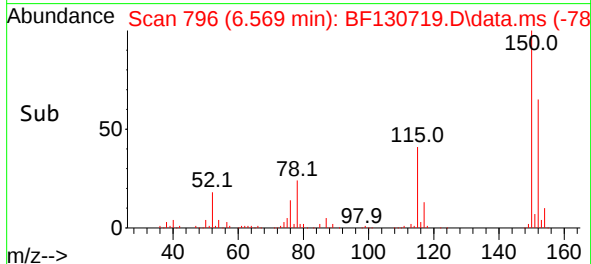
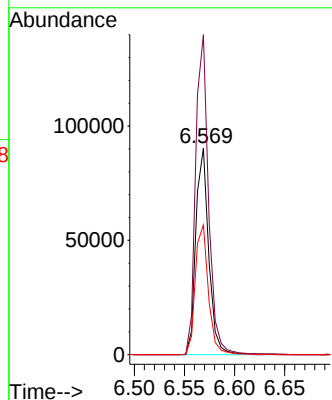
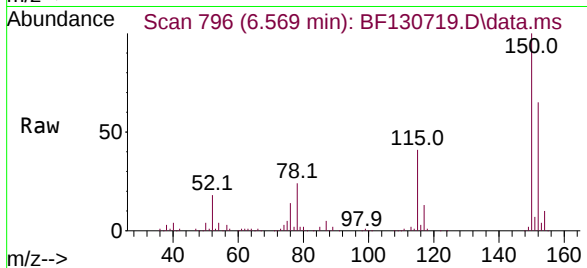




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

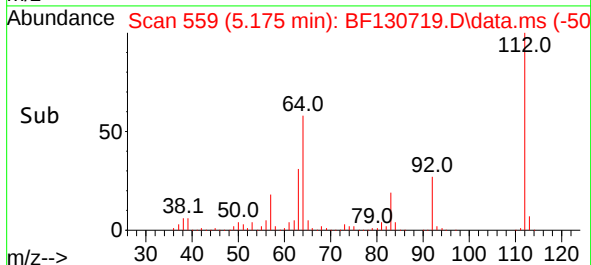
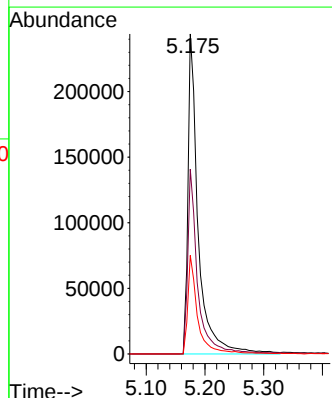
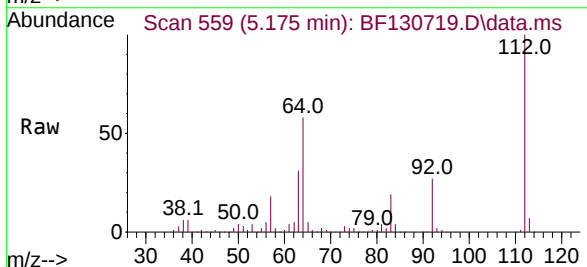
Instrument :
BNA_F
ClientSampleId :
5236-1

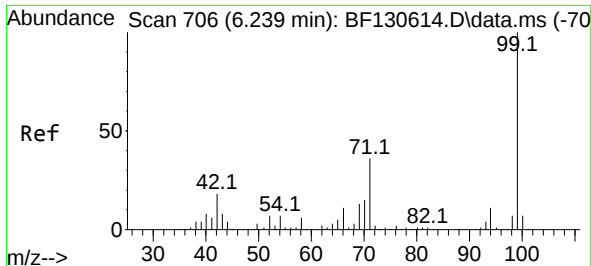
Tgt Ion:152 Resp: 80725
Ion Ratio Lower Upper
152 100
150 154.9 123.8 185.6
115 62.8 52.2 78.4



#5
2-Fluorophenol
Concen: 66.284 ng
RT: 5.175 min Scan# 559
Delta R.T. 0.006 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

Tgt Ion:112 Resp: 296844
Ion Ratio Lower Upper
112 100
64 57.7 43.5 65.3
63 30.8 22.6 34.0

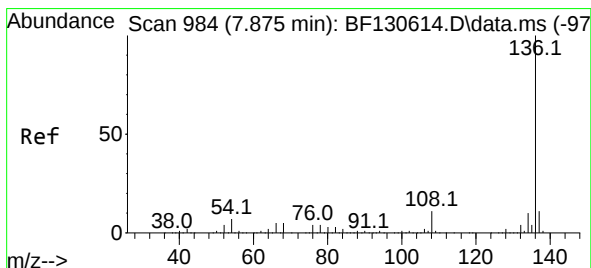
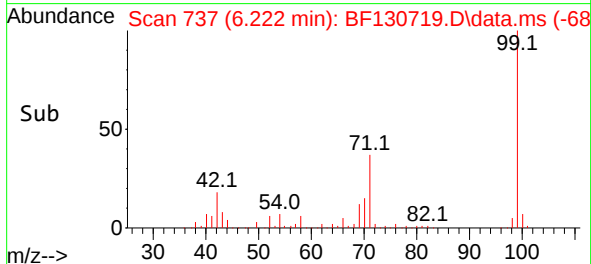
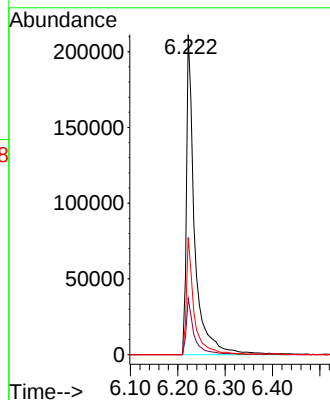
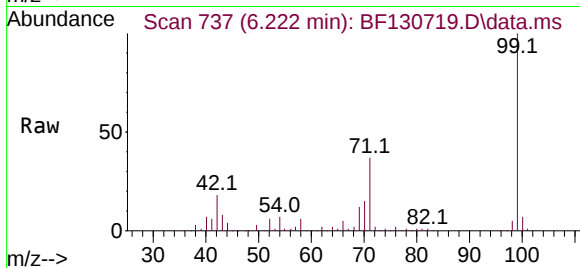




#7
Phenol-d6
Concen: 45.593 ng
RT: 6.222 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

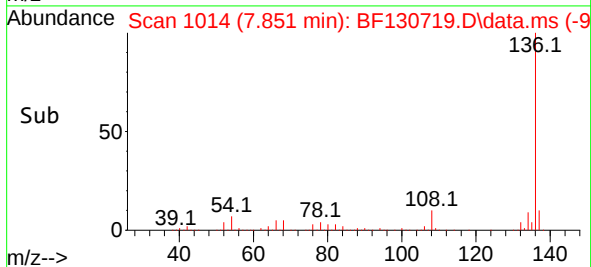
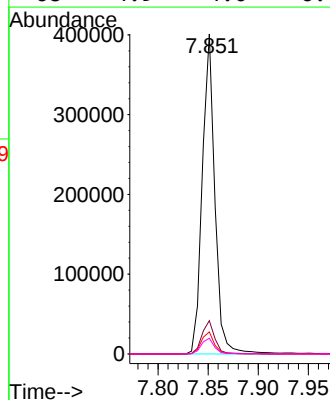
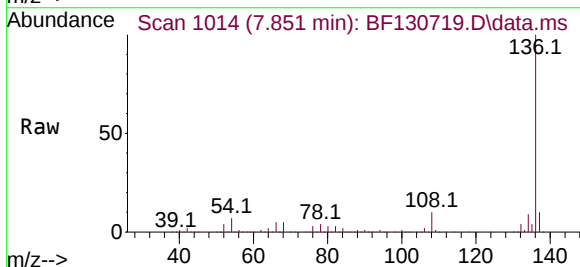
Instrument :
BNA_F
ClientSampleId :
5236-1

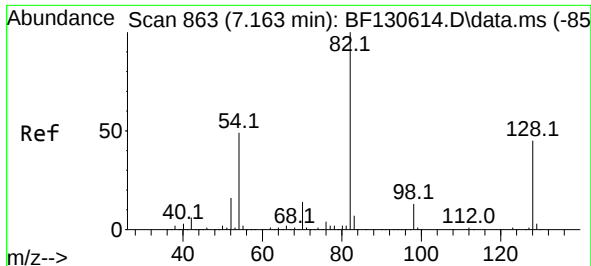
Tgt Ion: 99 Resp: 256715
Ion Ratio Lower Upper
99 100
42 17.6 14.0 21.0
71 36.6 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

Tgt Ion: 136 Resp: 348646
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 6.9 5.5 8.3
68 4.9 4.0 6.0





#23

Nitrobenzene-d5

Concen: 88.879 ng

RT: 7.145 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF130719.D

Acq: 19 Oct 2022 19:30

Instrument :

BNA_F

ClientSampleId :

5236-1

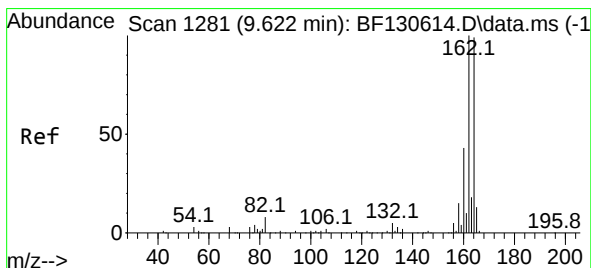
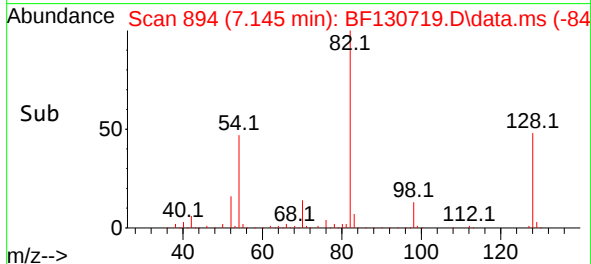
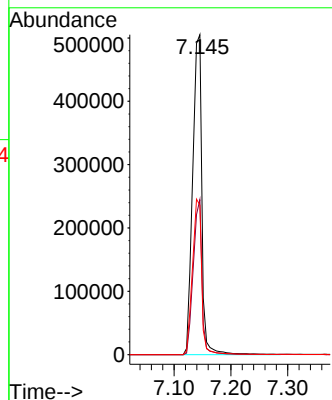
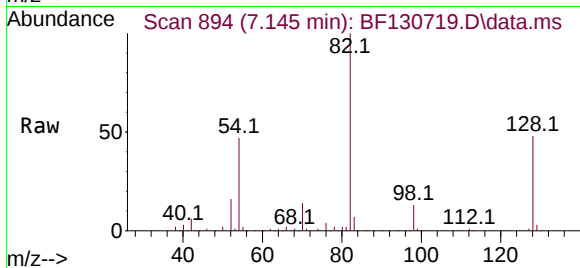
Tgt Ion: 82 Resp: 567631

Ion Ratio Lower Upper

82 100

128 48.4 35.8 53.6

54 46.7 39.3 58.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.598 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF130719.D

Acq: 19 Oct 2022 19:30

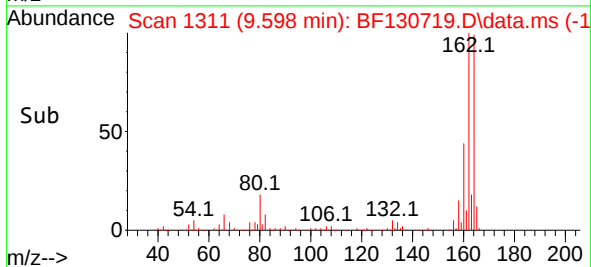
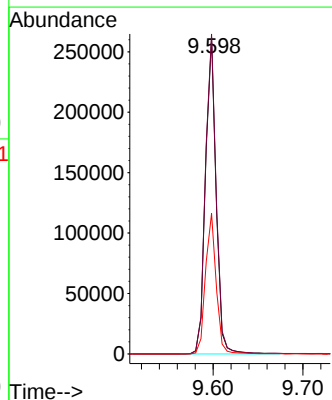
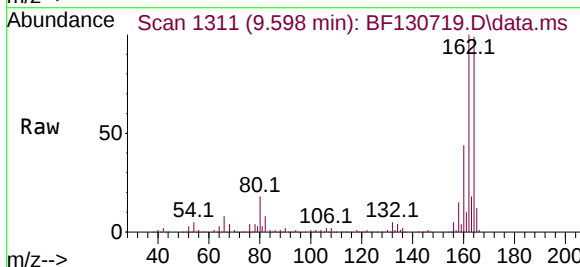
Tgt Ion:164 Resp: 215448

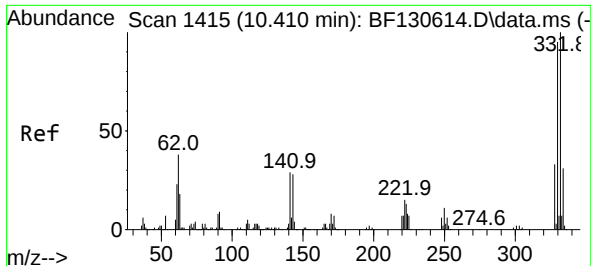
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 44.3 34.5 51.7

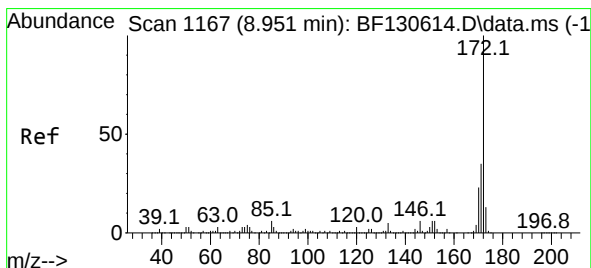
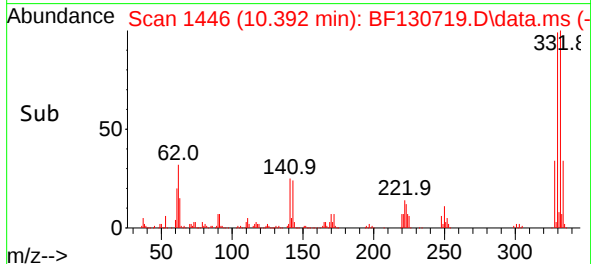
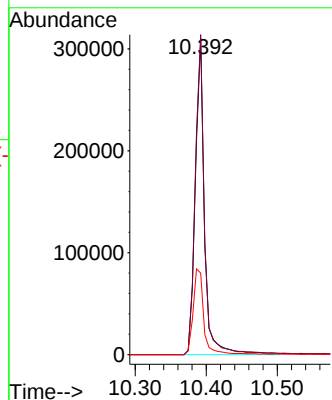
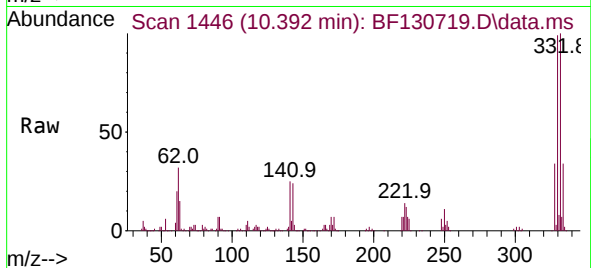




#42
2,4,6-Tribromophenol
Concen: 132.626 ng
RT: 10.392 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

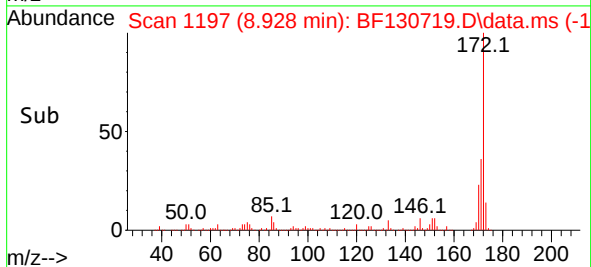
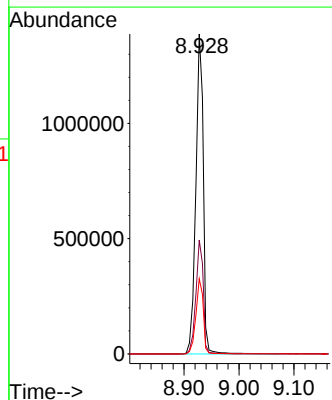
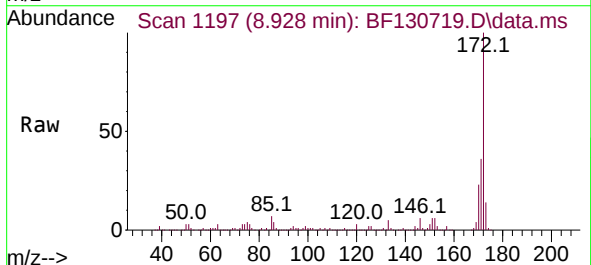
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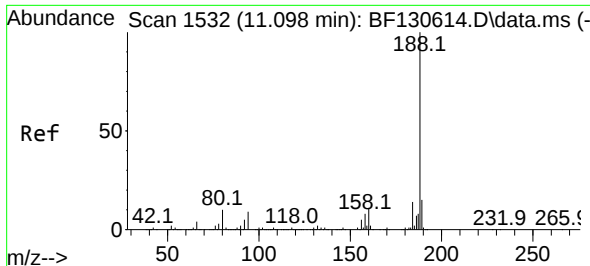
Tgt Ion:330 Resp: 279596
Ion Ratio Lower Upper
330 100
332 102.9 84.2 126.4
141 31.7 26.8 40.2



#45
2-Fluorobiphenyl
Concen: 92.517 ng
RT: 8.928 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

Tgt Ion:172 Resp: 1315900
Ion Ratio Lower Upper
172 100
171 35.6 27.8 41.8
170 23.5 18.6 27.8

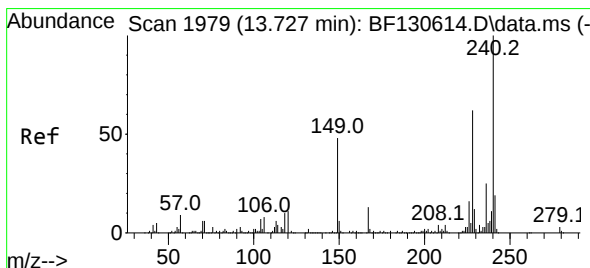
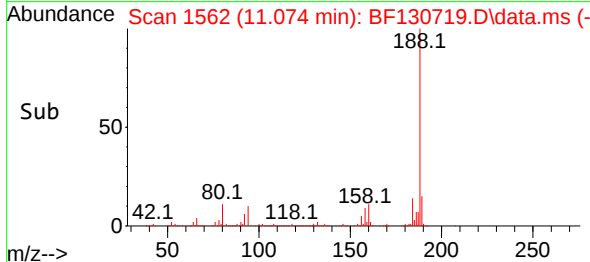
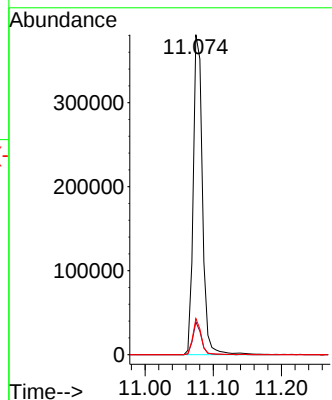
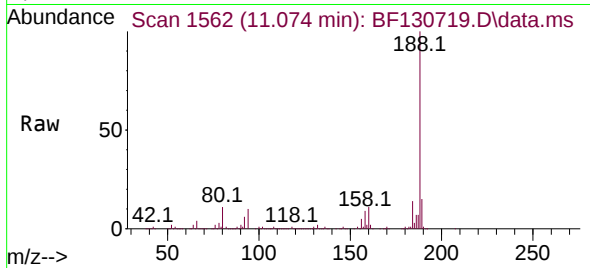




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.074 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

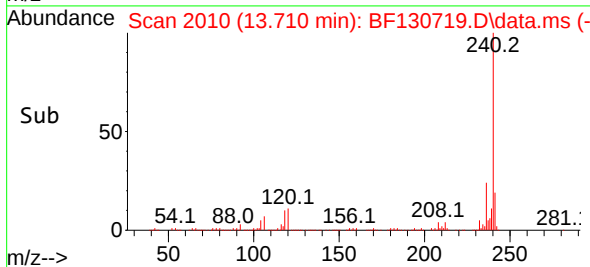
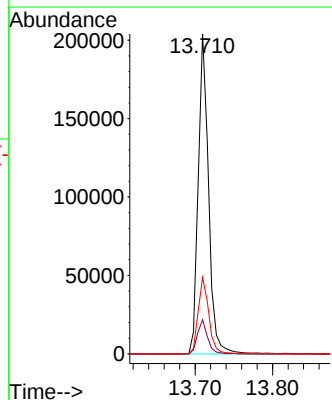
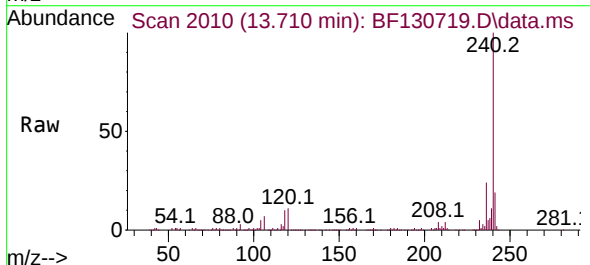
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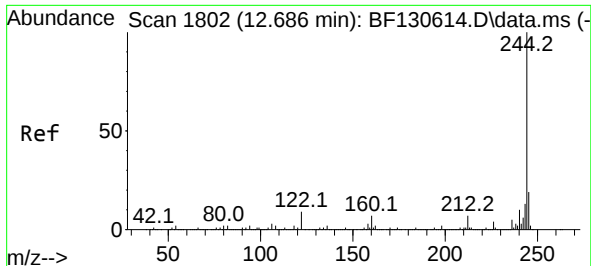
Tgt Ion:188 Resp: 357757
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 11.3 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.710 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF130719.D
Acq: 19 Oct 2022 19:30

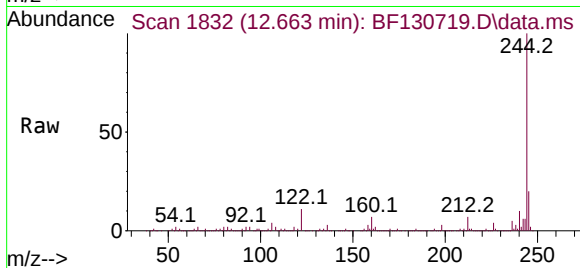
Tgt Ion:240 Resp: 188511
Ion Ratio Lower Upper
240 100
120 10.7 8.6 13.0
236 23.9 20.2 30.4



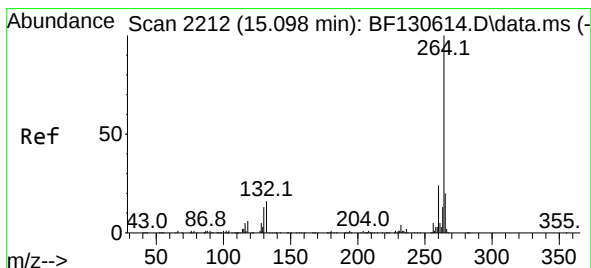
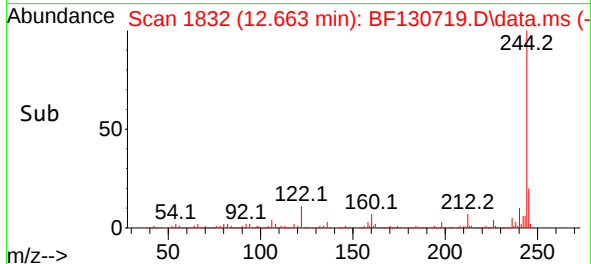
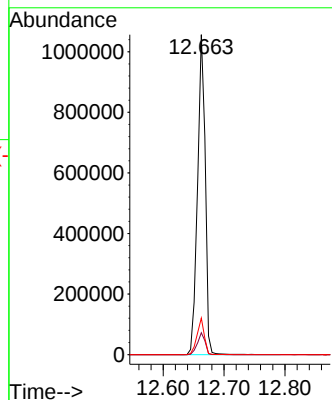


#79
 Terphenyl-d14
 Concen: 81.891 ng
 RT: 12.663 min Scan# 1802
 Delta R.T. -0.012 min
 Lab File: BF130719.D
 Acq: 19 Oct 2022 19:30

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 930115
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.4 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.086 min Scan# 2244
 Delta R.T. -0.000 min
 Lab File: BF130719.D
 Acq: 19 Oct 2022 19:30

Tgt Ion:264 Resp: 189099
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.1 28.7
 265 20.9 16.4 24.6

