

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070623\
 Data File : BF134098.D
 Acq On : 06 Jul 2023 15:00
 Operator : CG\JU
 Sample : 03021-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230601

Quant Time: Jul 07 01:10:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	113831	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	429911	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	214773	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	385942	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	192830	20.000	ng	-0.02
86) Perylene-d12	15.539	264	237343	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	347412	51.053	ng	-0.01
7) Phenol-d6	6.475	99	256025	30.593	ng	-0.02
23) Nitrobenzene-d5	7.410	82	698345	87.564	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	312489	116.045	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1263719	85.547	ng	0.00
79) Terphenyl-d14	12.974	244	1095177	91.407	ng	-0.01

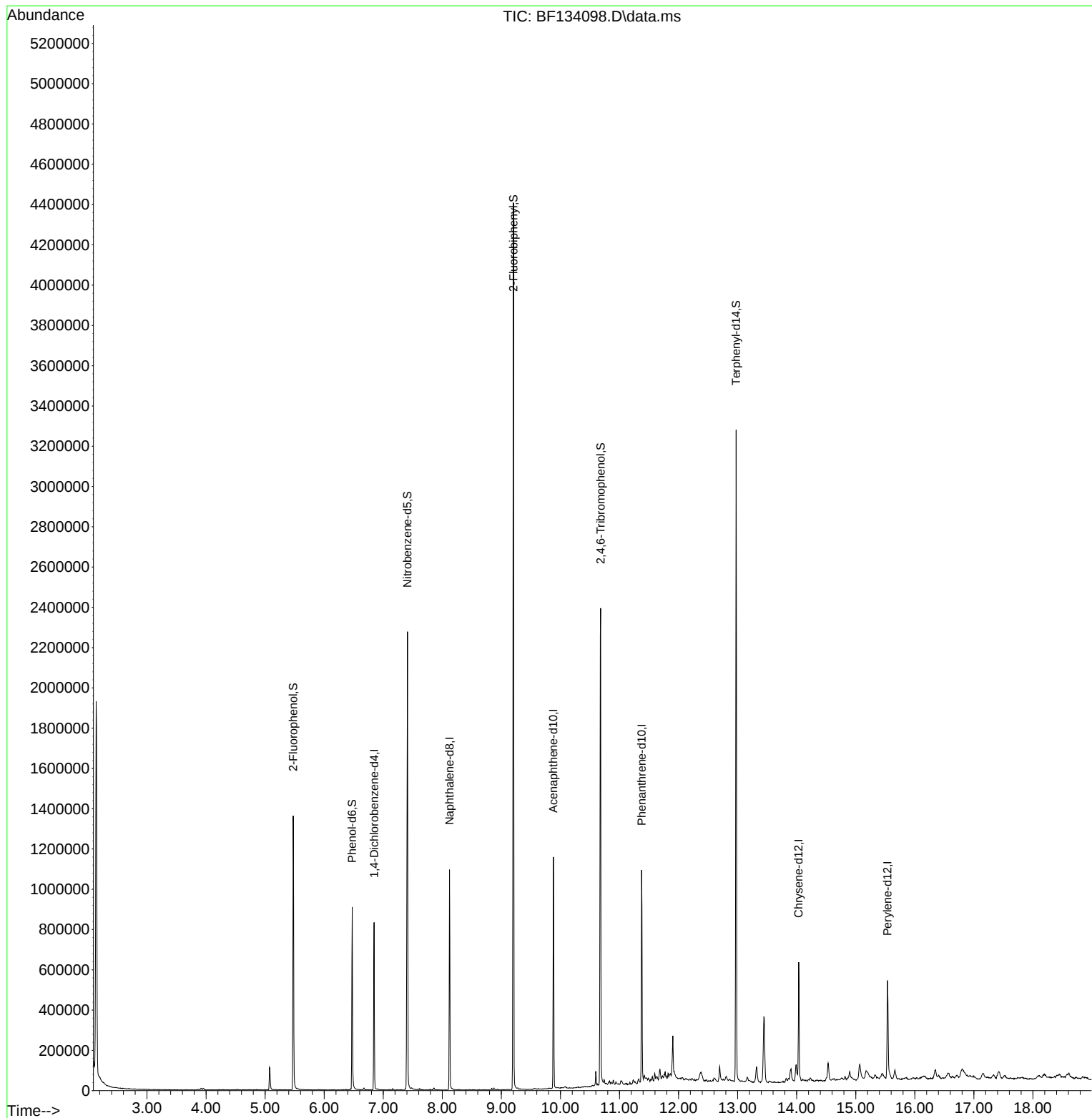
Target Compounds	Qvalue
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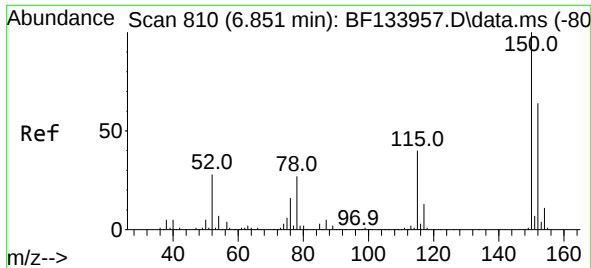
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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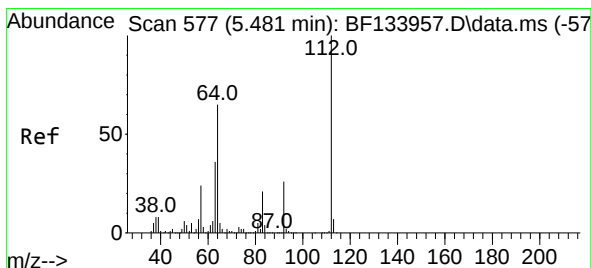
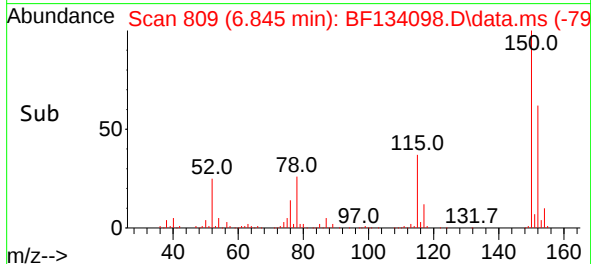
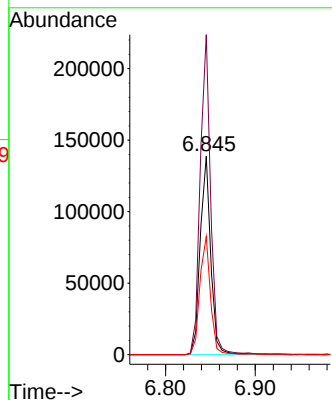
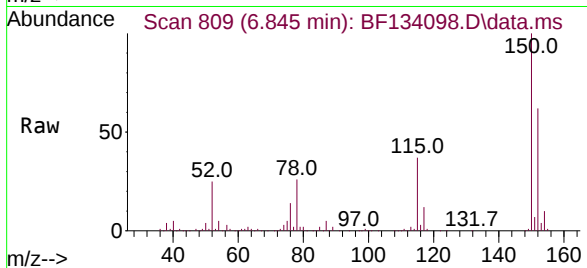




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

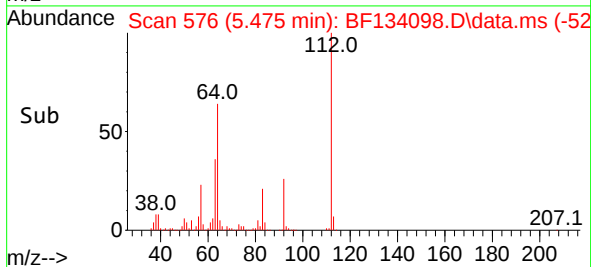
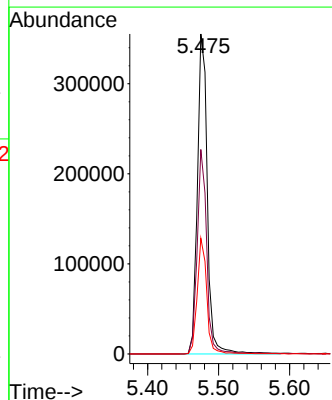
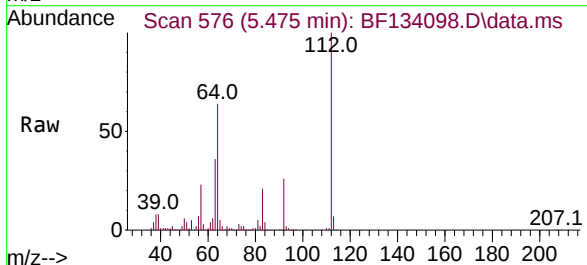
Instrument :
BNA_F
ClientSampleId :
SP-303-20230601

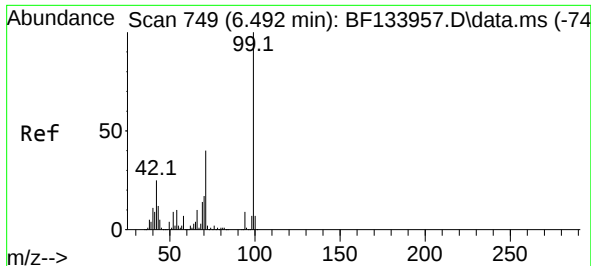
Tgt Ion:152 Resp: 113831
Ion Ratio Lower Upper
152 100
150 161.1 124.5 186.7
115 59.4 50.2 75.2



#5
2-Fluorophenol
Concen: 51.053 ng
RT: 5.475 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

Tgt Ion:112 Resp: 347412
Ion Ratio Lower Upper
112 100
64 63.9 52.1 78.1
63 36.1 28.6 42.8

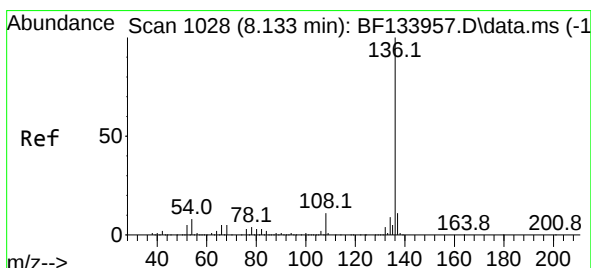
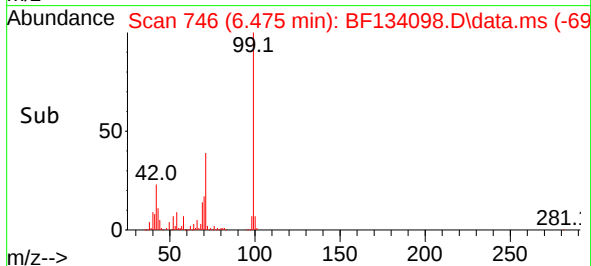
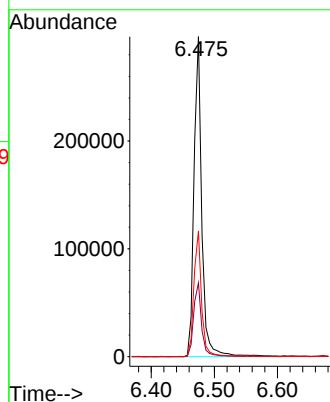
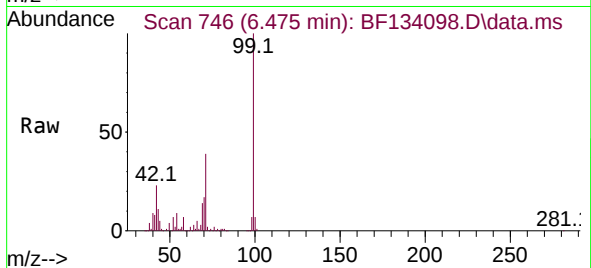




#7
Phenol-d6
Concen: 30.593 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

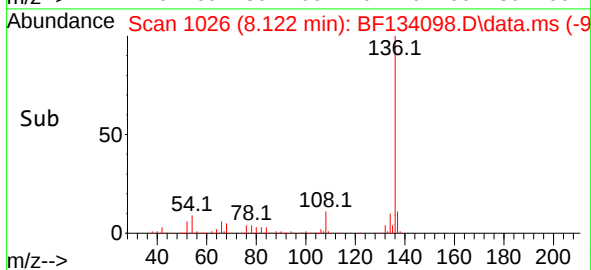
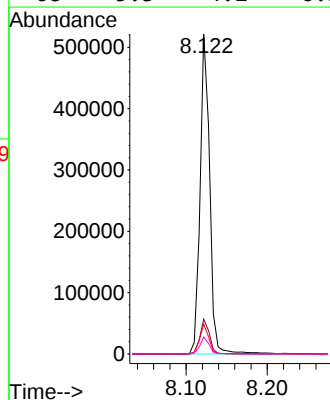
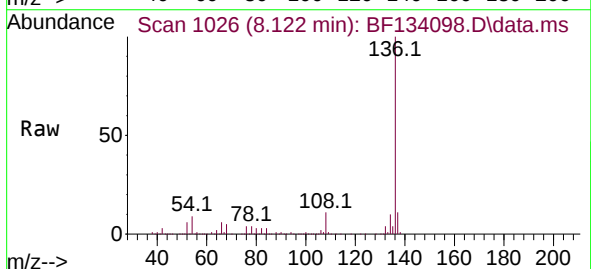
Instrument :
BNA_F
ClientSampleId :
SP-303-20230601

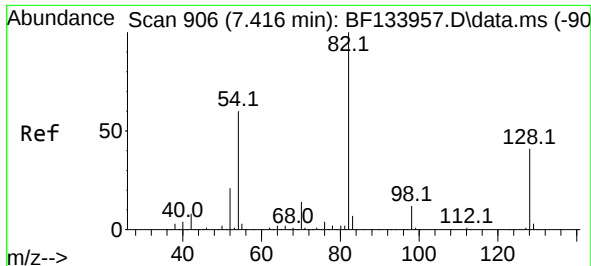
Tgt Ion: 99 Resp: 256025
Ion Ratio Lower Upper
99 100
42 23.1 19.8 29.6
71 39.3 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

Tgt Ion: 136 Resp: 429911
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.3 6.5 9.7
68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 87.564 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF134098.D

Acq: 06 Jul 2023 15:00

Instrument :

BNA_F

ClientSampleId :

SP-303-20230601

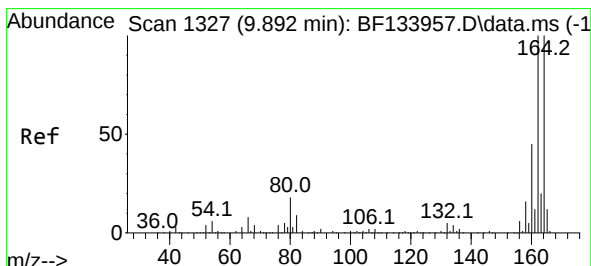
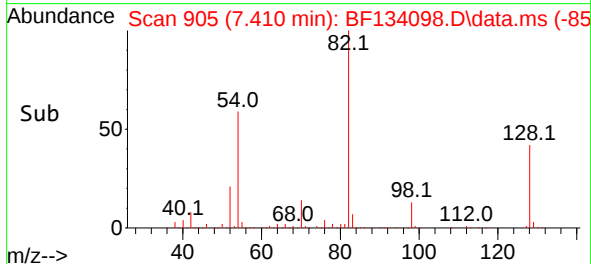
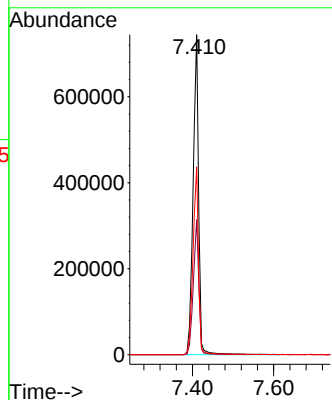
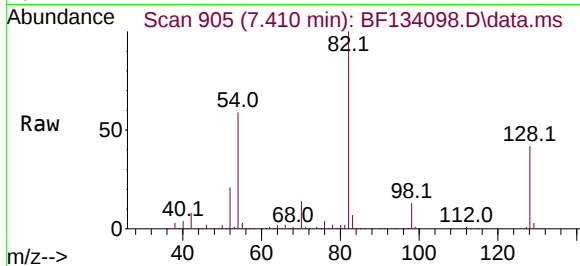
Tgt Ion: 82 Resp: 698345

Ion Ratio Lower Upper

82 100

128 42.2 32.5 48.7

54 58.7 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.012 min

Lab File: BF134098.D

Acq: 06 Jul 2023 15:00

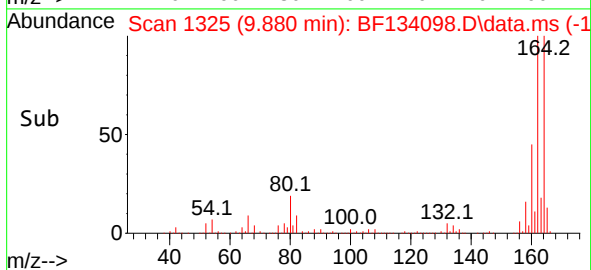
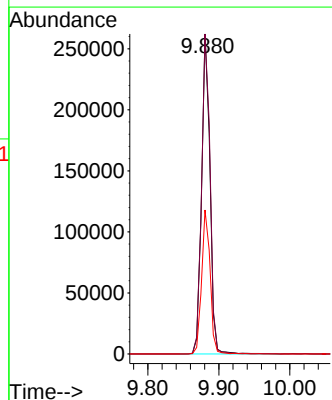
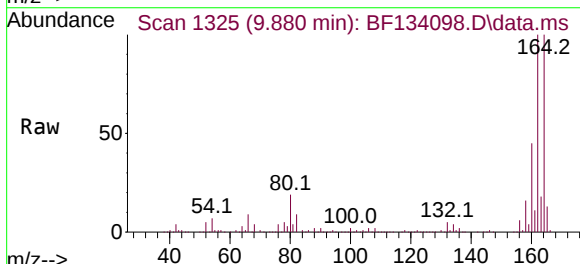
Tgt Ion:164 Resp: 214773

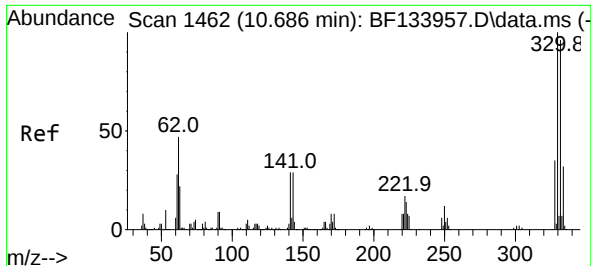
Ion Ratio Lower Upper

164 100

162 99.9 80.0 120.0

160 45.0 35.9 53.9

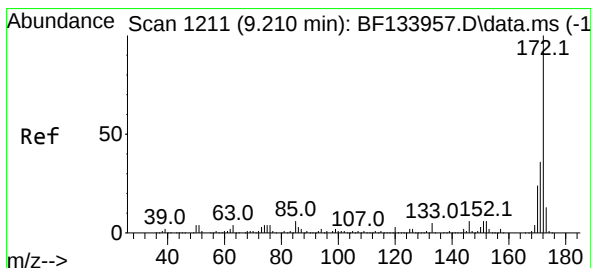
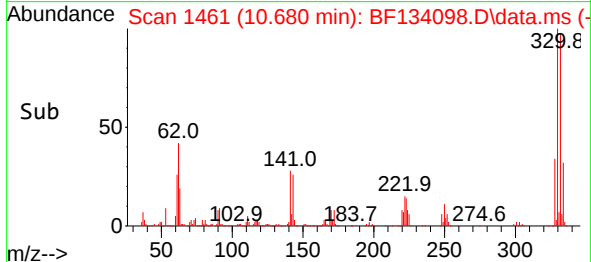
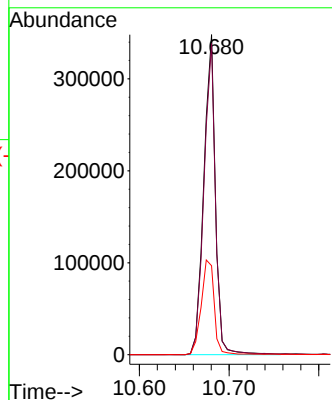
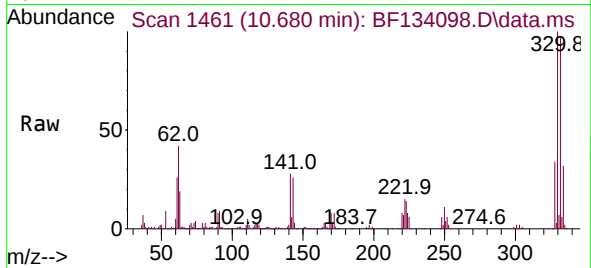




#42
2,4,6-Tribromophenol
Concen: 116.045 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

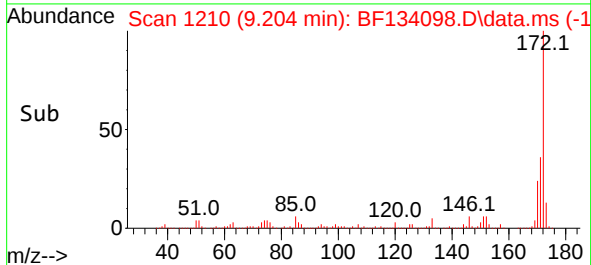
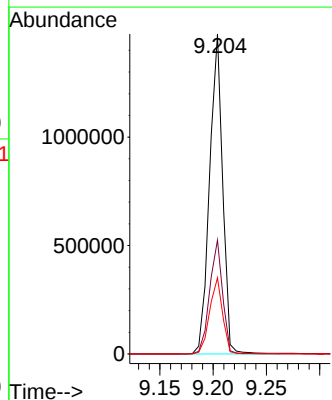
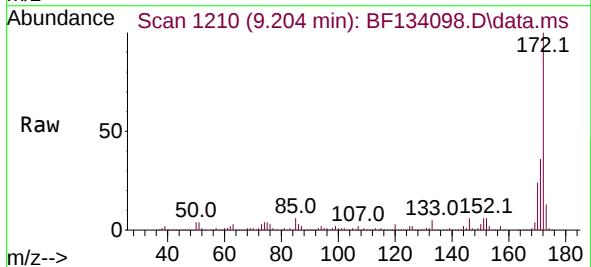
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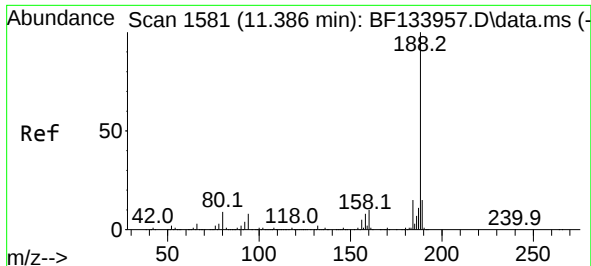
Tgt Ion: 330 Resp: 312489
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.6
141 33.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.547 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

Tgt Ion: 172 Resp: 1263719
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.8 19.4 29.0

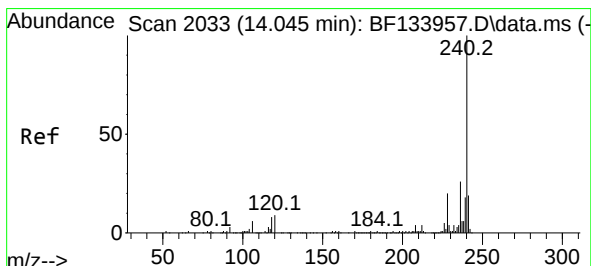
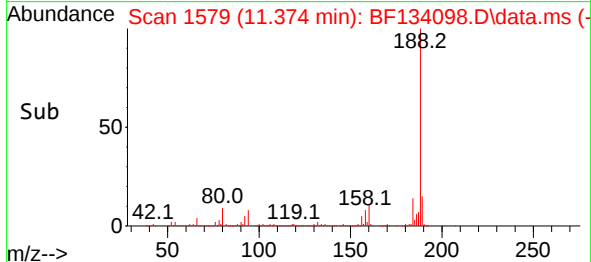
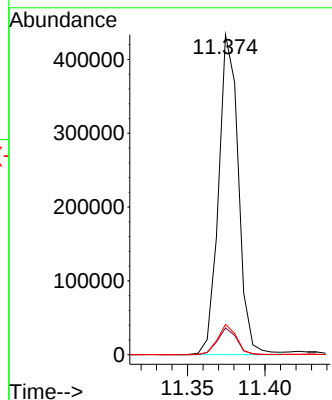
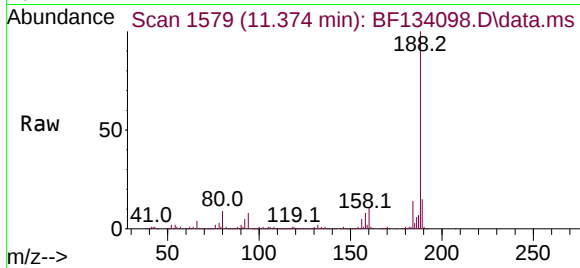




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

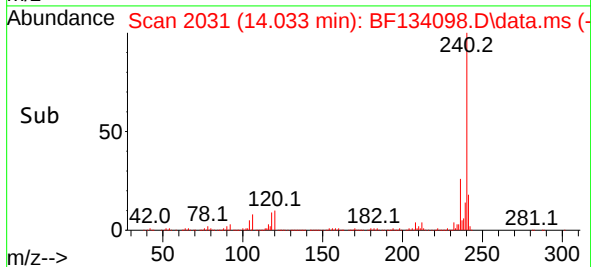
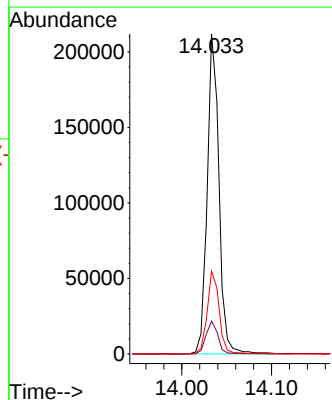
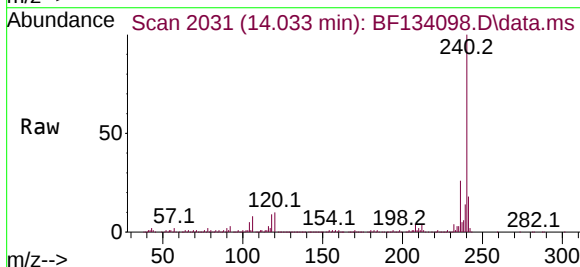
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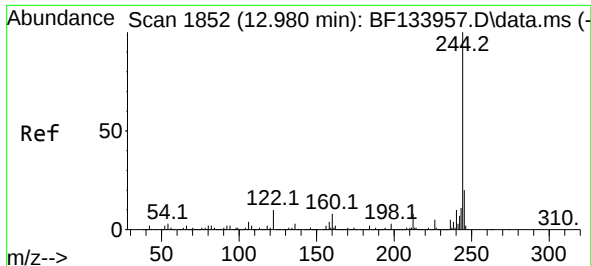
Tgt Ion:188 Resp: 385942
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.5 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.018 min
Lab File: BF134098.D
Acq: 06 Jul 2023 15:00

Tgt Ion:240 Resp: 192830
Ion Ratio Lower Upper
240 100
120 10.3 7.4 11.0
236 25.9 21.0 31.6

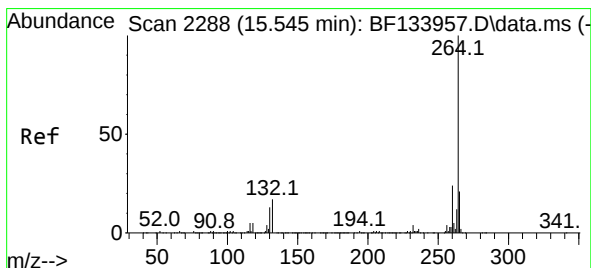
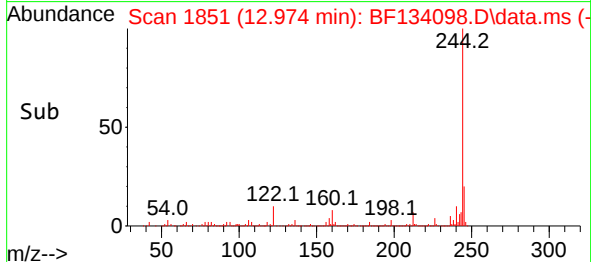
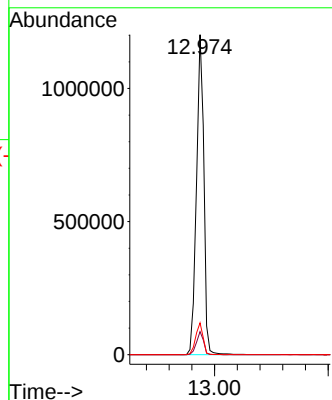
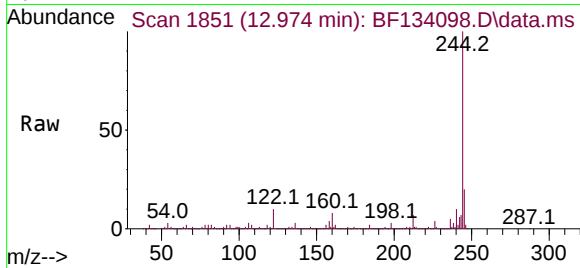




#79
 Terphenyl-d14
 Concen: 91.407 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134098.D
 Acq: 06 Jul 2023 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230601

Tgt Ion:244 Resp: 1095177
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134098.D
 Acq: 06 Jul 2023 15:00

Tgt Ion:264 Resp: 237343
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 22.3 16.6 25.0

