

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090123\
 Data File : BF135074.D
 Acq On : 01 Sep 2023 14:01
 Operator : CG\JU
 Sample : 04203-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(12-12.5)

Quant Time: Sep 01 14:24:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	92389	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	356437	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	161180	20.000	ng	-0.01
64) Phenanthrene-d10	11.298	188	253626	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	204283	20.000	ng	-0.01
86) Perylene-d12	15.421	264	217969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	482155	80.610	ng	0.00
7) Phenol-d6	6.410	99	582875	78.182	ng	0.00
23) Nitrobenzene-d5	7.334	82	354487	55.873	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	124437	72.779	ng	-0.01
45) 2-Fluorobiphenyl	9.128	172	619865	62.614	ng	-0.01
79) Terphenyl-d14	12.898	244	530496	42.378	ng	0.00

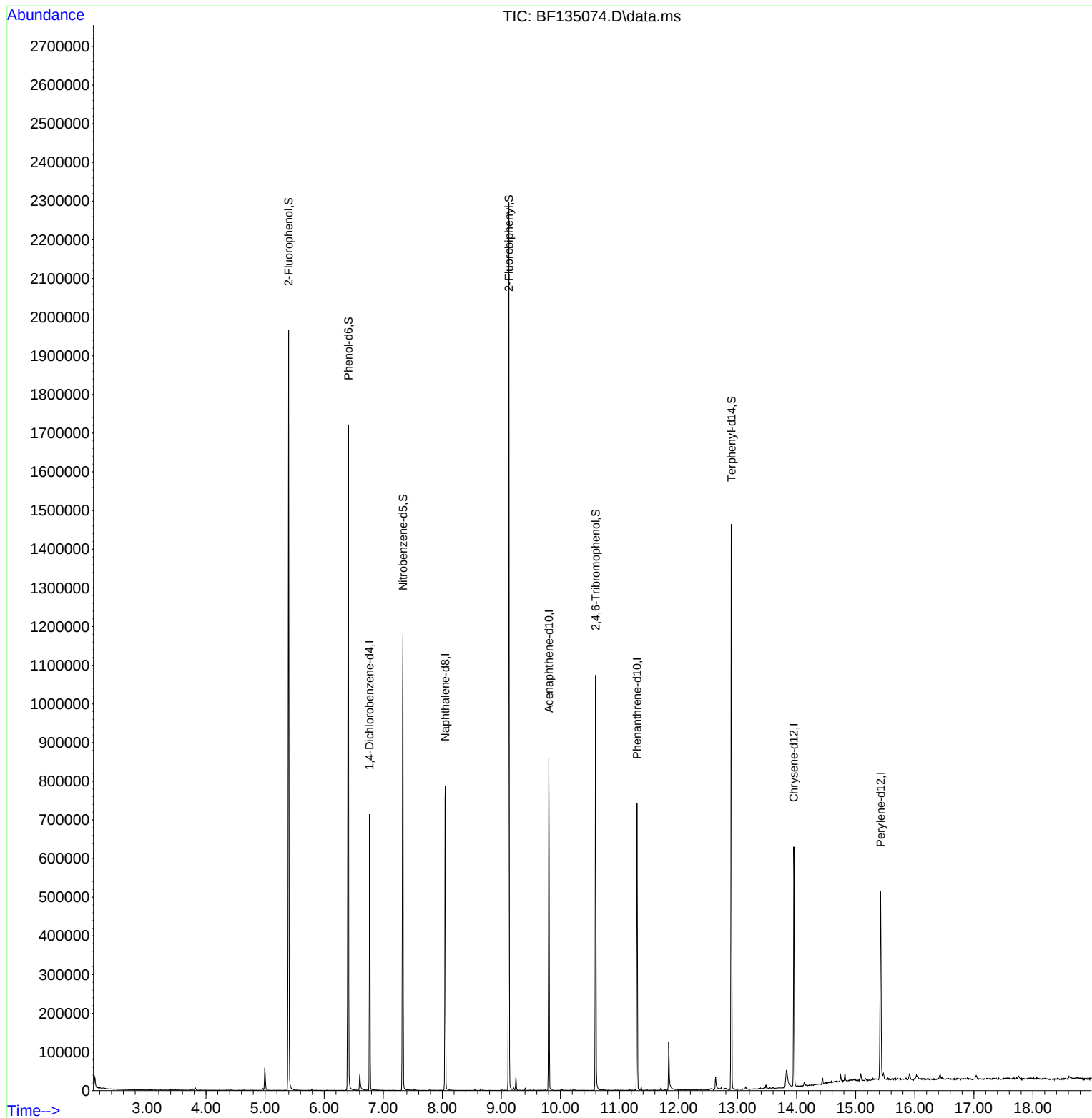
Target Compounds	Qvalue

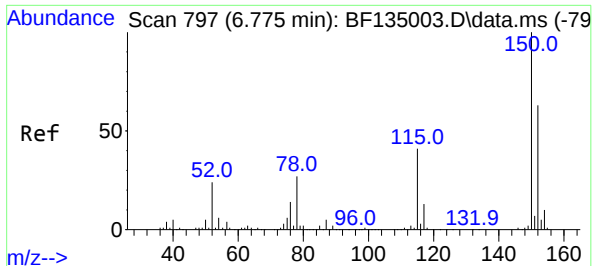
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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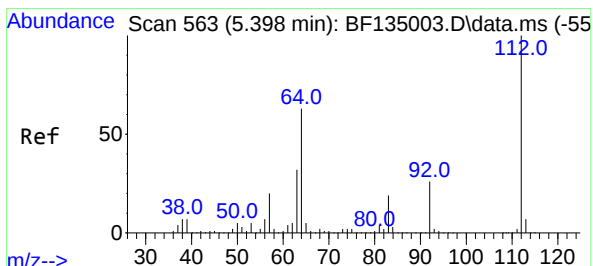
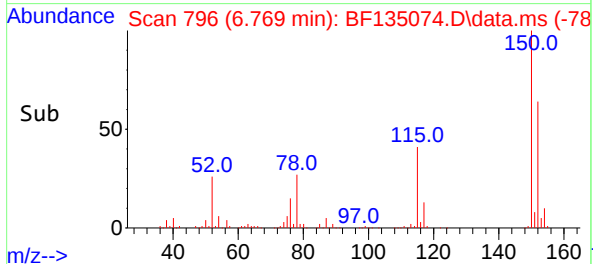
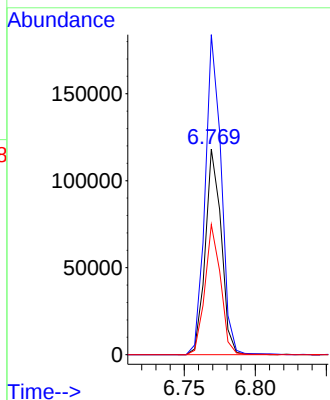
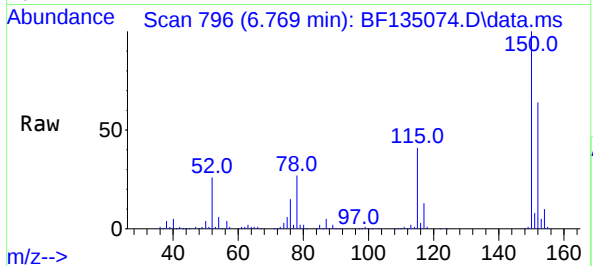




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

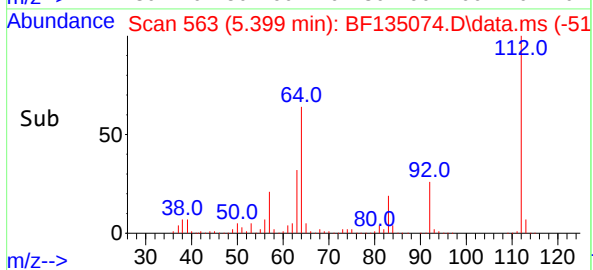
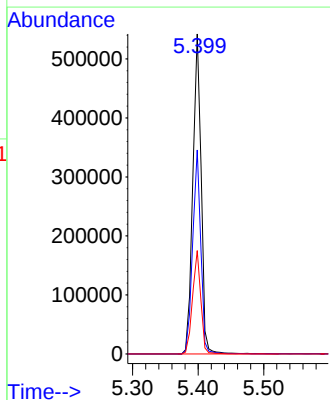
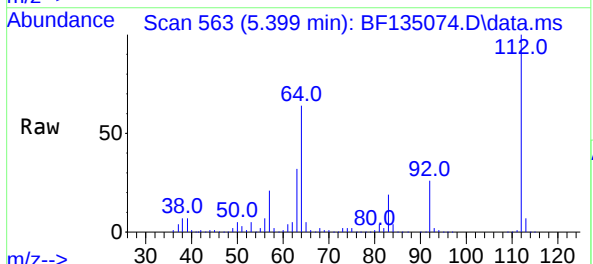
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

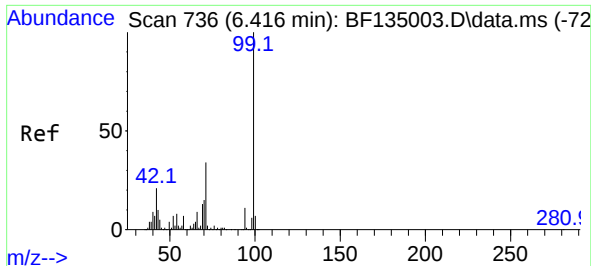
Tgt Ion:152 Resp: 92389
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.4
115 63.3 51.2 76.8



#5
2-Fluorophenol
Concen: 80.610 ng
RT: 5.399 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion:112 Resp: 482155
Ion Ratio Lower Upper
112 100
64 63.8 50.5 75.7
63 32.3 25.9 38.9

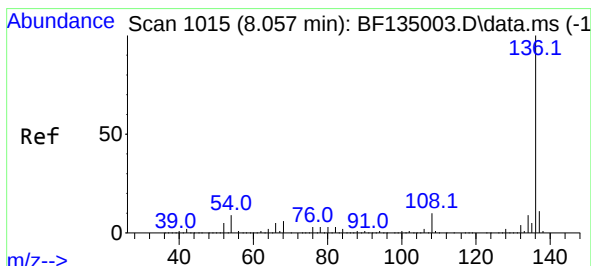
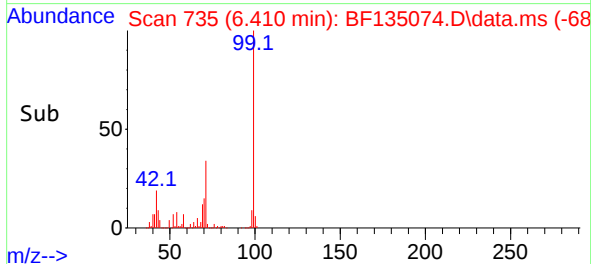
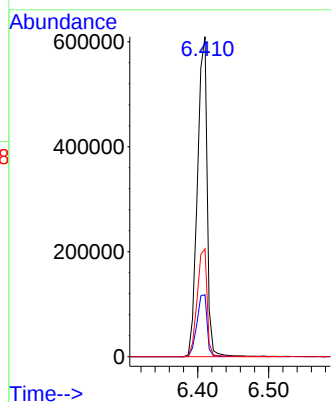
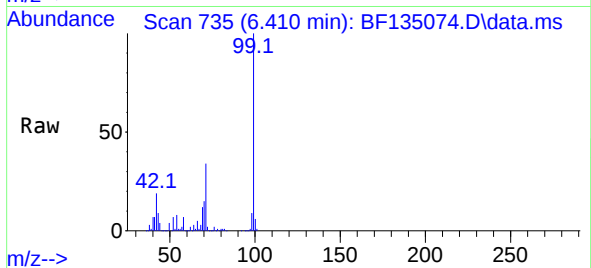




#7
Phenol-d6
Concen: 78.182 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

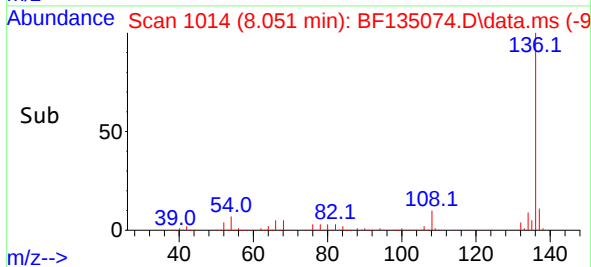
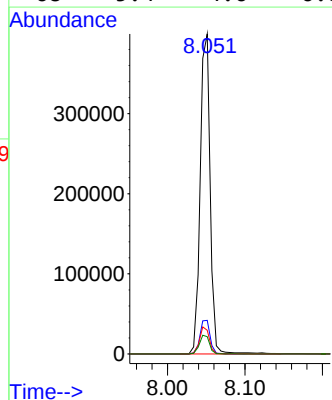
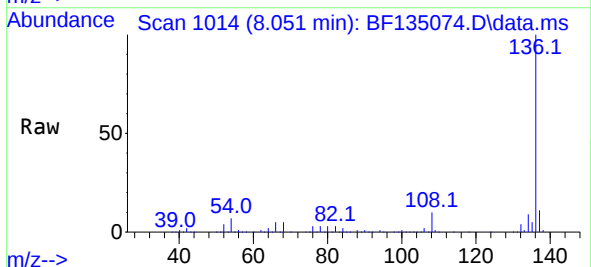
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

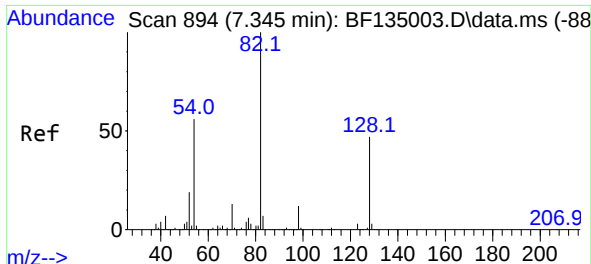
Tgt Ion: 99 Resp: 582875
Ion Ratio Lower Upper
99 100
42 19.3 16.6 25.0
71 33.7 27.0 40.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion: 136 Resp: 356437
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.4 7.0 10.4
68 5.4 4.6 6.8

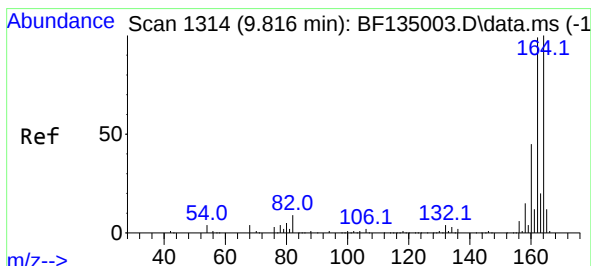
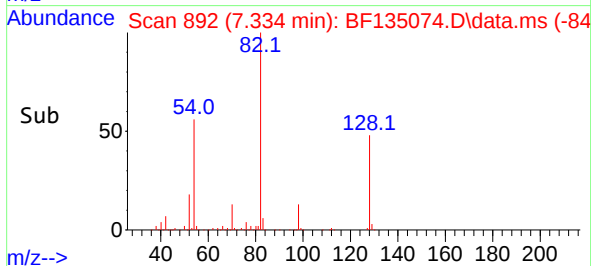
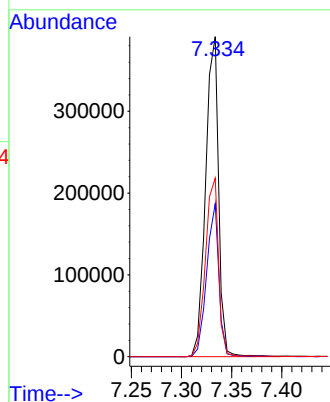
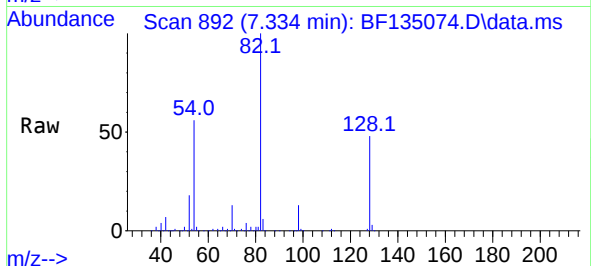




#23
Nitrobenzene-d5
Concen: 55.873 ng
RT: 7.334 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

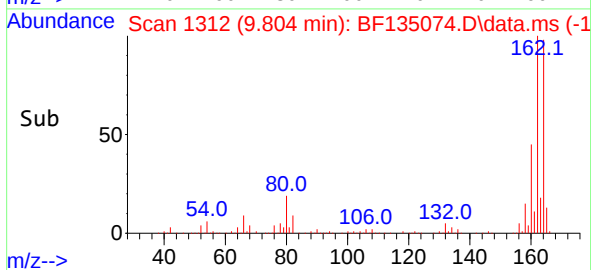
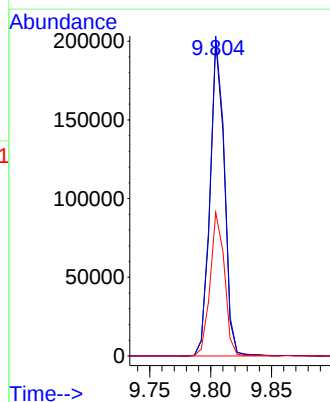
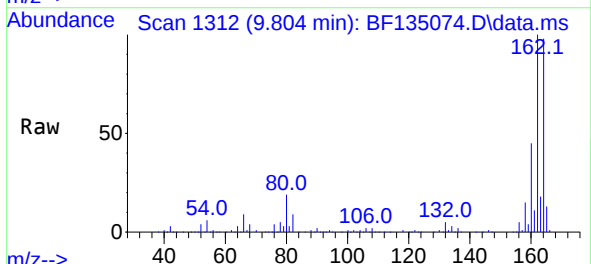
Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

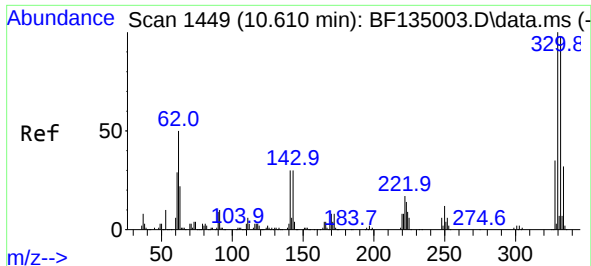
Tgt Ion: 82 Resp: 354487
Ion Ratio Lower Upper
82 100
128 47.9 37.8 56.8
54 55.8 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

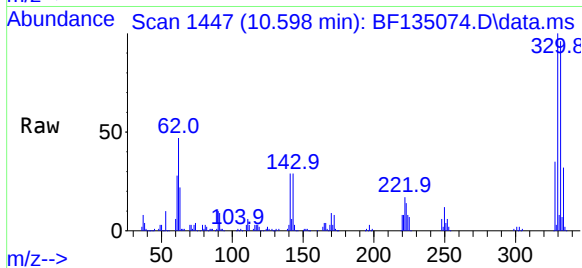
Tgt Ion: 164 Resp: 161180
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.6 36.0 54.0



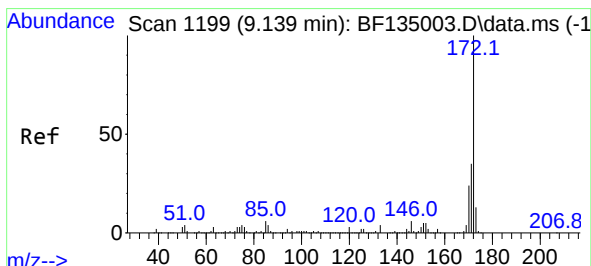
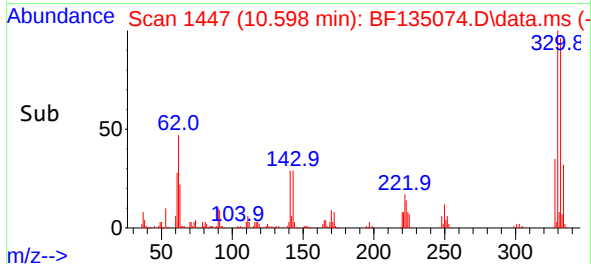
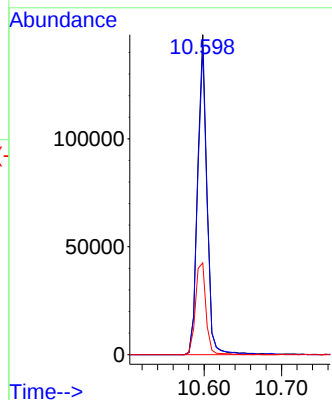


#42
2,4,6-Tribromophenol
Concen: 72.779 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Instrument :
BNA_F
ClientSampleId :
SB-4(12-12.5)

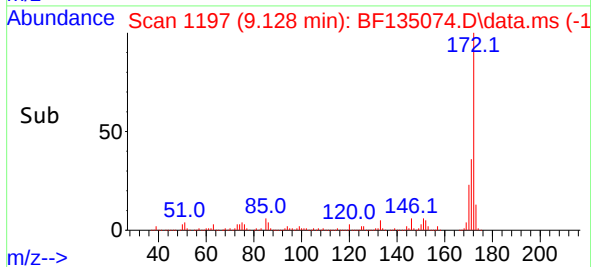
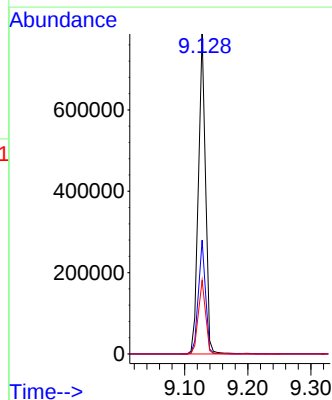
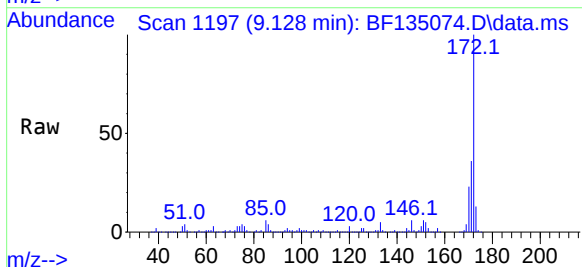


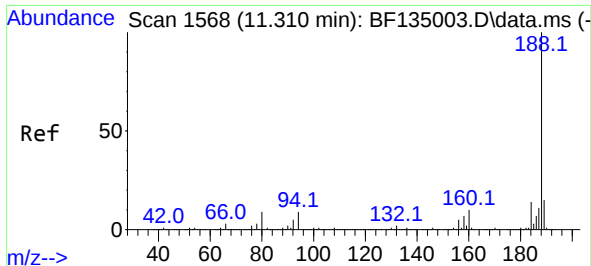
Tgt Ion:330 Resp: 124437
Ion Ratio Lower Upper
330 100
332 96.2 77.6 116.4
141 32.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 62.614 ng
RT: 9.128 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

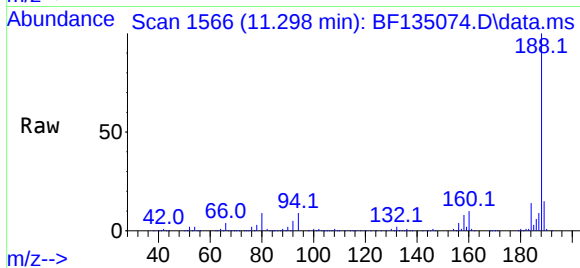
Tgt Ion:172 Resp: 619865
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.0 19.0 28.4



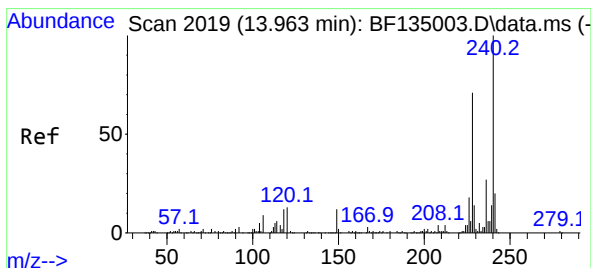
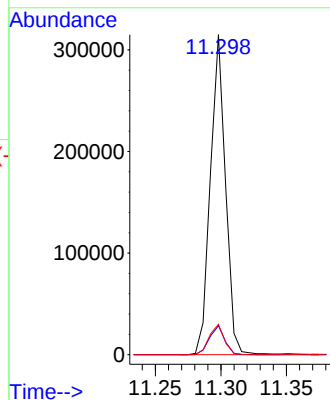
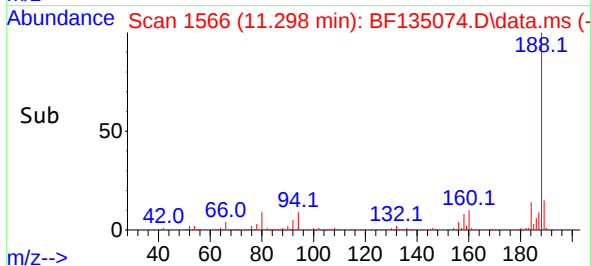


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Instrument :
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SB-4(12-12.5)

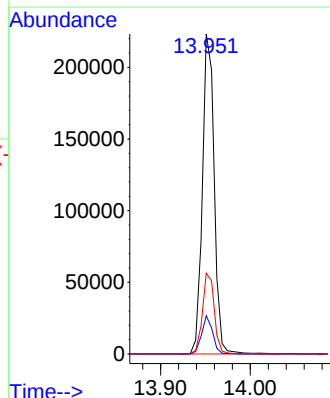
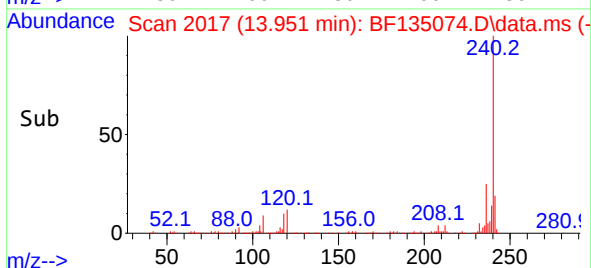
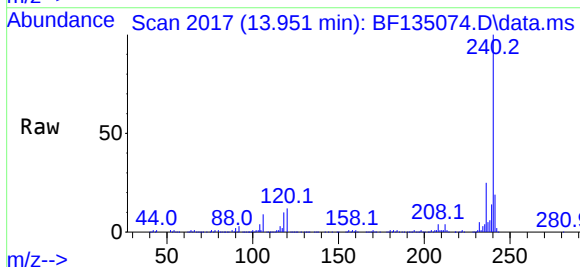


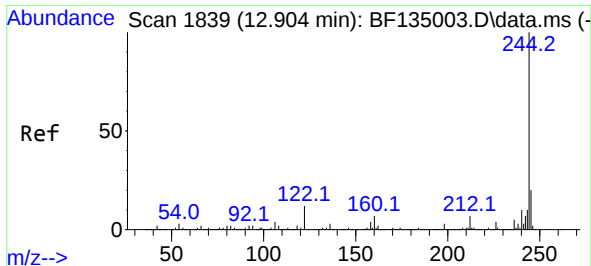
Tgt Ion:188 Resp: 253626
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 9.5 7.4 11.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2017
Delta R.T. -0.012 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion:240 Resp: 204283
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 25.2 21.3 31.9

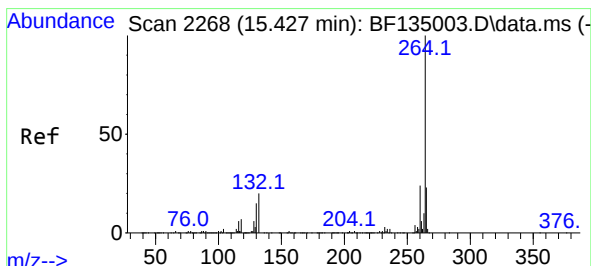
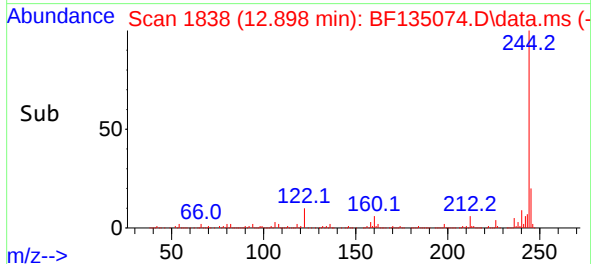
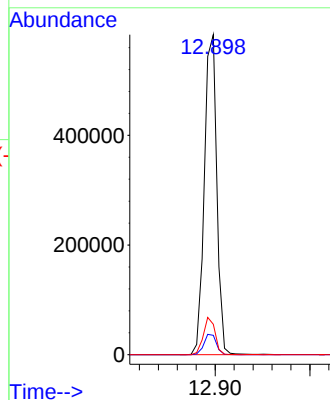
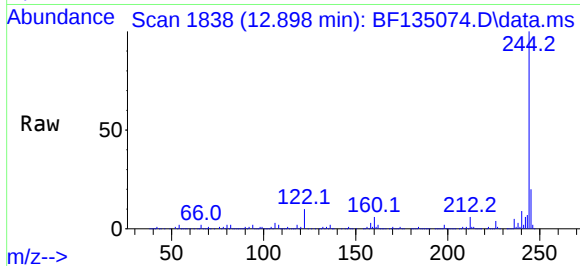




#79
Terphenyl-d14
Concen: 42.378 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Instrument :
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SB-4(12-12.5)

Tgt Ion:244 Resp: 530496
Ion Ratio Lower Upper
244 100
212 6.0 5.6 8.4
122 9.5 9.8 14.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BF135074.D
Acq: 01 Sep 2023 14:01

Tgt Ion:264 Resp: 217969
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 22.1 18.2 27.2

