

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072123\
 Data File : BF134394.D
 Acq On : 21 Jul 2023 11:08
 Operator : CG\JU
 Sample : 03630-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20230713

Quant Time: Jul 21 13:39:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	61865	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	237739	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	122072	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	237699	20.000	ng	0.00
76) Chrysene-d12	14.033	240	172565	20.000	ng	0.00
86) Perylene-d12	15.539	264	154164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	210971	57.044	ng	0.00
7) Phenol-d6	6.475	99	149905	32.959	ng	-0.01
23) Nitrobenzene-d5	7.404	82	427491	96.930	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	224568	146.725	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	825618	98.332	ng	-0.01
79) Terphenyl-d14	12.969	244	1006563	93.877	ng	0.00

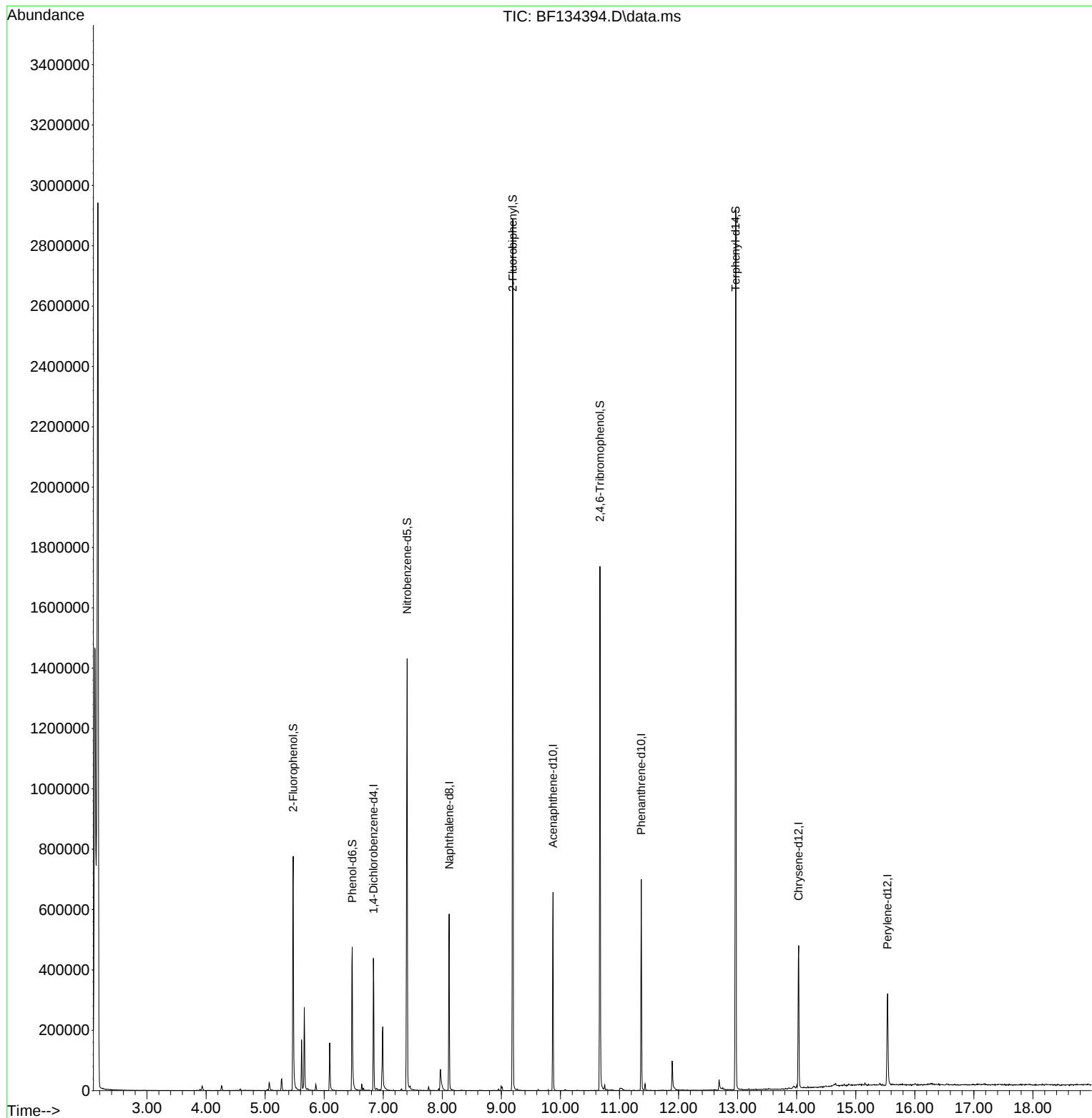
Target Compounds	Qvalue

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

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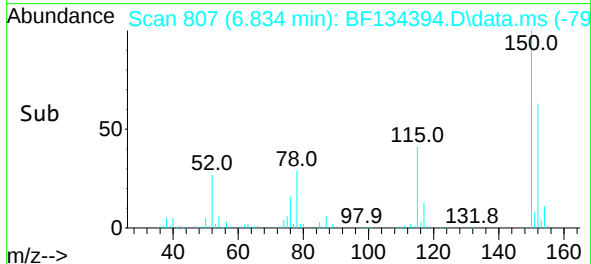
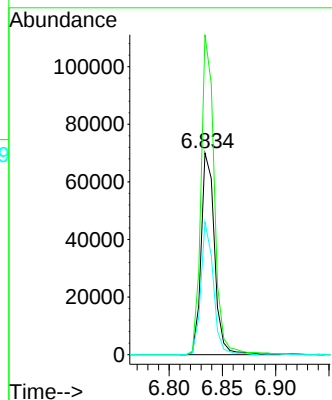
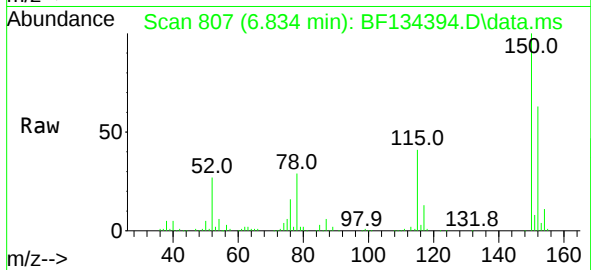




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

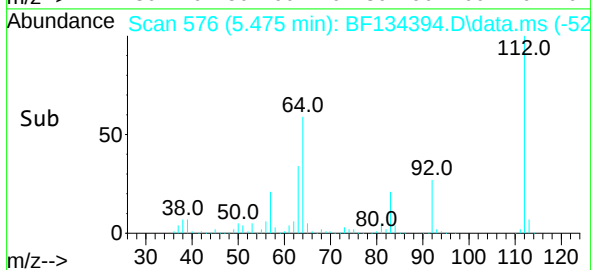
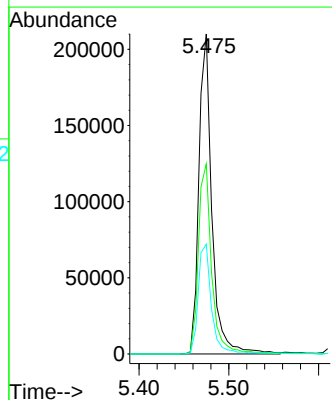
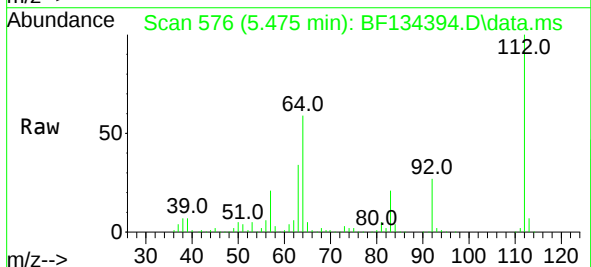
Instrument :
BNA_F
ClientSampleId :
SP-303-20230713

Tgt Ion:152 Resp: 61865
Ion Ratio Lower Upper
152 100
150 158.8 124.5 186.7
115 65.8 50.2 75.2



#5
2-Fluorophenol
Concen: 57.044 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.006 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

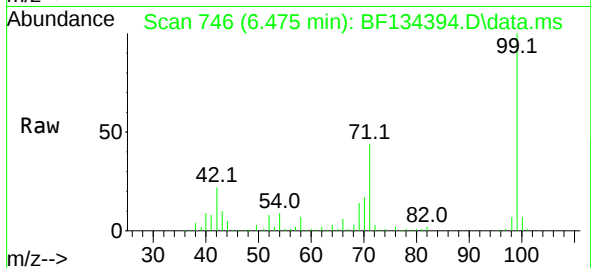
Tgt Ion:112 Resp: 210971
Ion Ratio Lower Upper
112 100
64 59.4 52.1 78.1
63 34.3 28.6 42.8



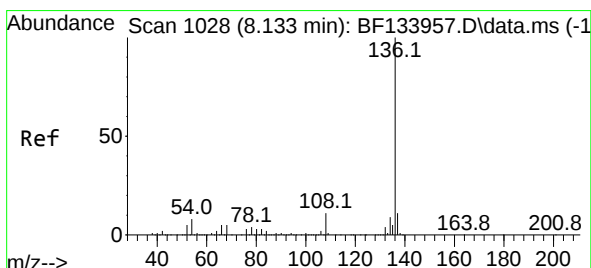
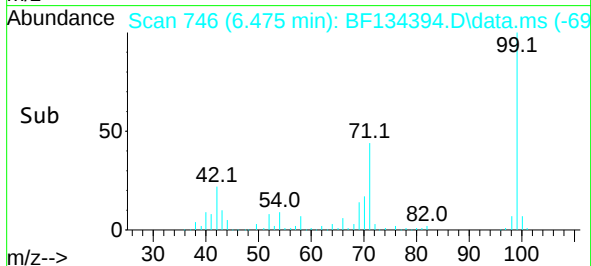
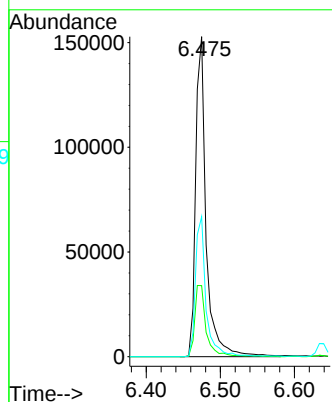


#7
Phenol-d6
Concen: 32.959 ng
RT: 6.475 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

Instrument :
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ClientSampleId :
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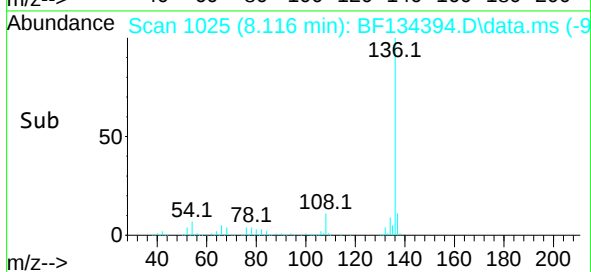
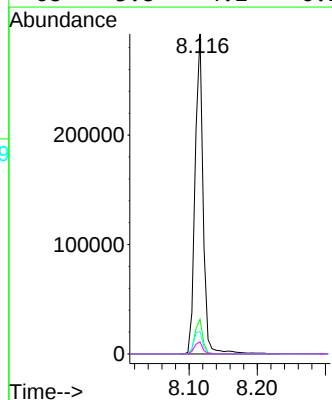
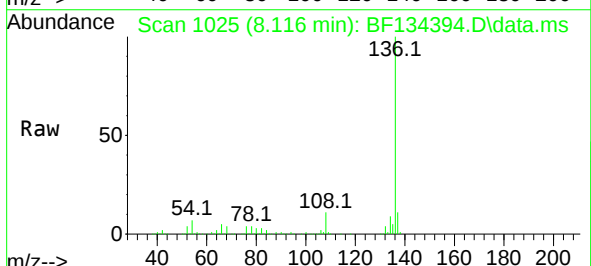


Tgt Ion: 99 Resp: 149905
Ion Ratio Lower Upper
99 100
42 22.2 19.8 29.6
71 43.8 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

Tgt Ion: 136 Resp: 237739
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.0 6.5 9.7
68 3.8 4.2 6.2





#23

Nitrobenzene-d5

Concen: 96.930 ng

RT: 7.404 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134394.D

Acq: 21 Jul 2023 11:08

Instrument :

BNA_F

ClientSampleId :

SP-303-20230713

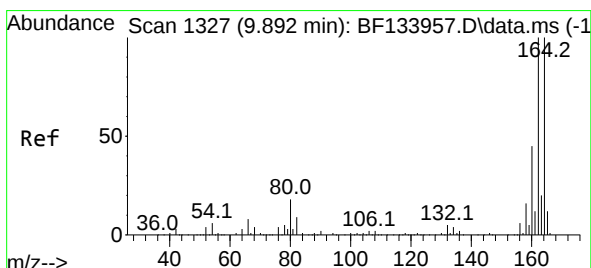
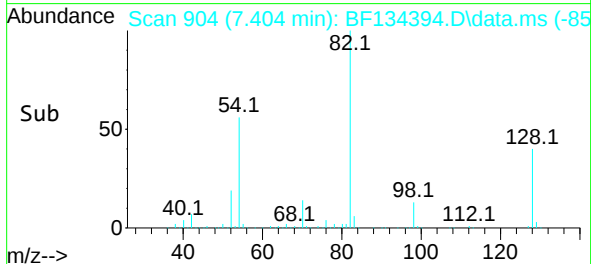
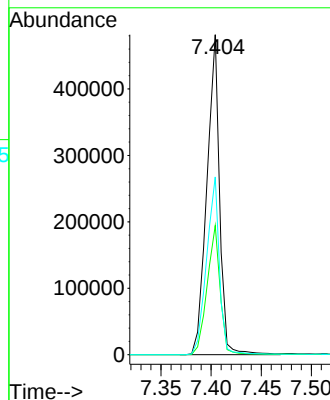
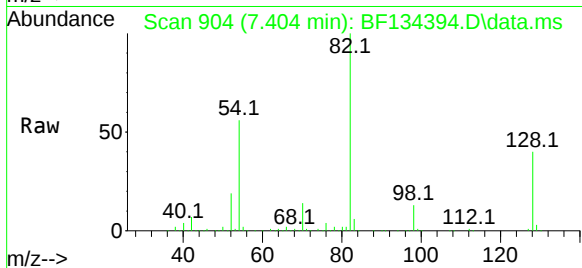
Tgt Ion: 82 Resp: 427491

Ion Ratio Lower Upper

82 100

128 40.4 32.5 48.7

54 55.6 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF134394.D

Acq: 21 Jul 2023 11:08

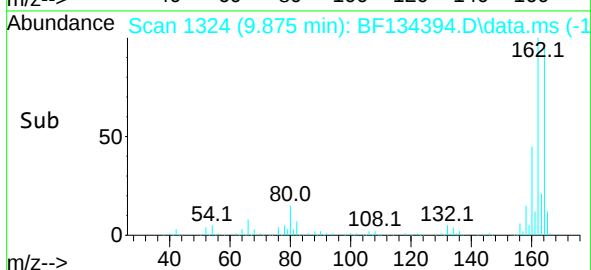
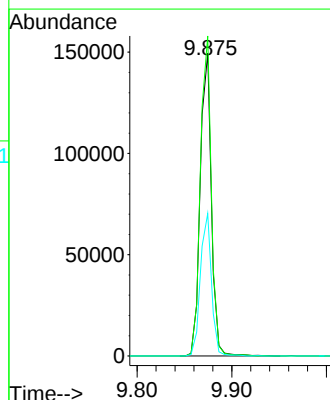
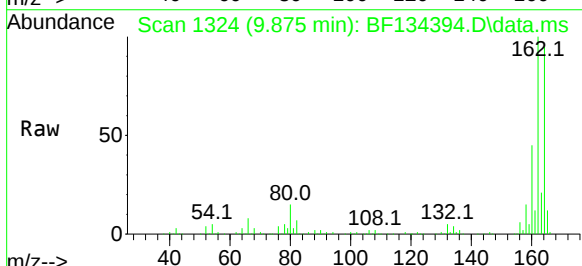
Tgt Ion:164 Resp: 122072

Ion Ratio Lower Upper

164 100

162 105.8 80.0 120.0

160 47.1 35.9 53.9

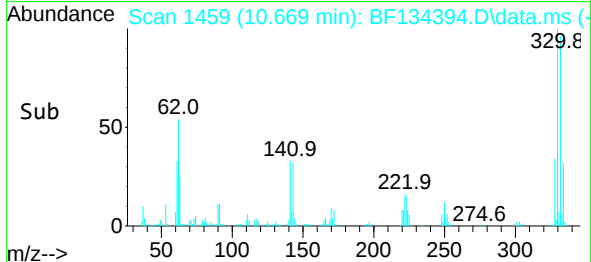
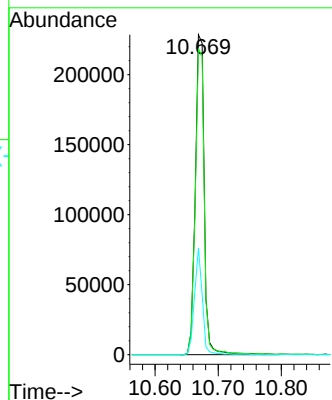
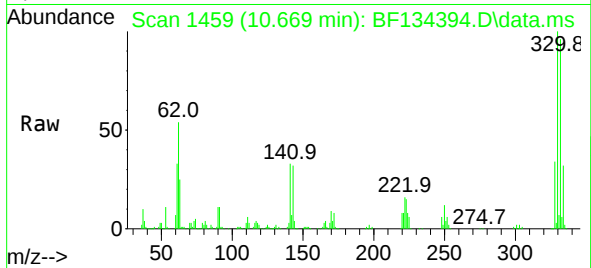




#42
2,4,6-Tribromophenol
Concen: 146.725 ng
RT: 10.669 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

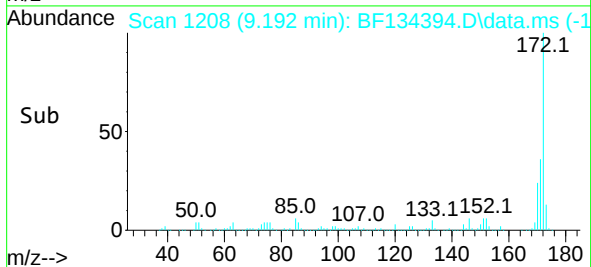
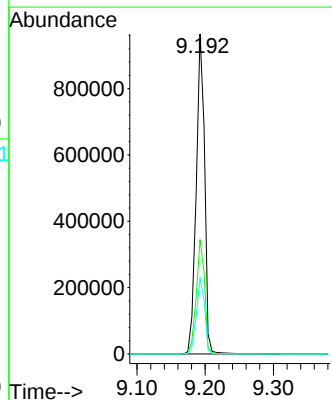
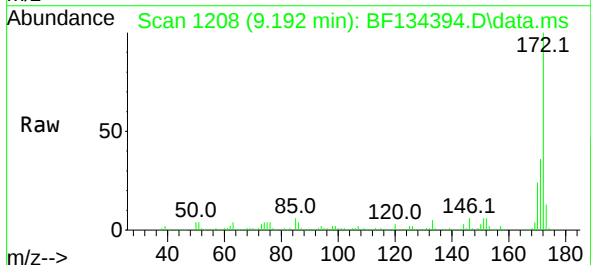
Instrument :
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Tgt Ion:330 Resp: 224568
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.6
141 29.5 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 98.332 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

Tgt Ion:172 Resp: 825618
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.6 19.4 29.0

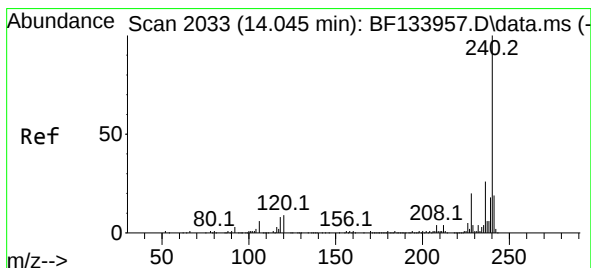
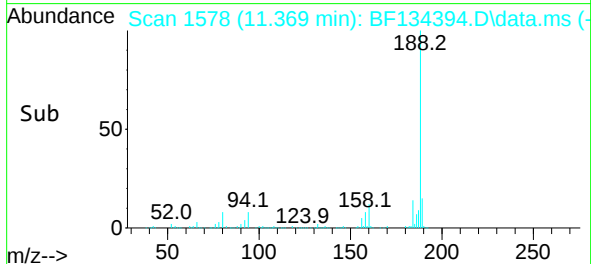
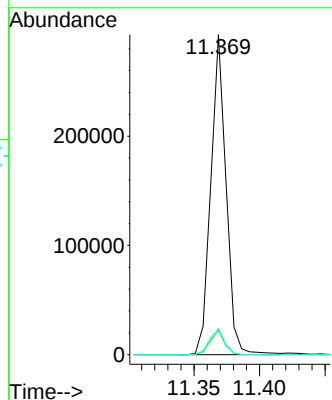
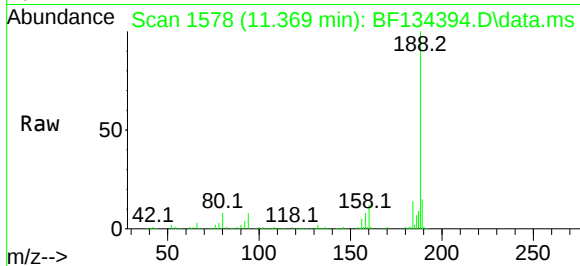




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

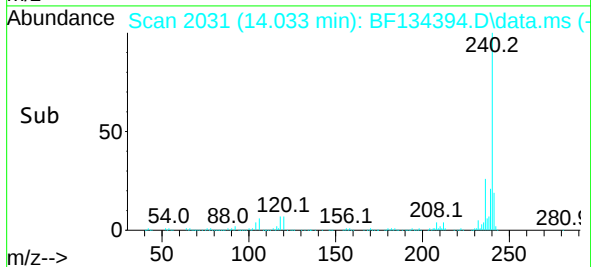
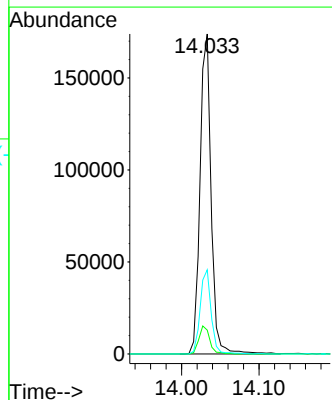
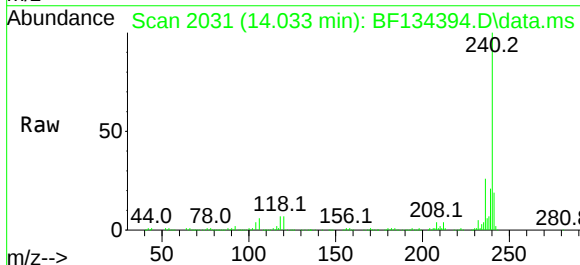
Instrument :
BNA_F
ClientSampleId :
SP-303-20230713

Tgt Ion:188 Resp: 237699
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.2 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

Tgt Ion:240 Resp: 172565
Ion Ratio Lower Upper
240 100
120 7.5 7.4 11.0
236 26.3 21.0 31.6

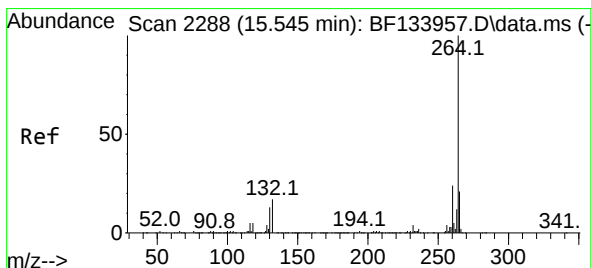
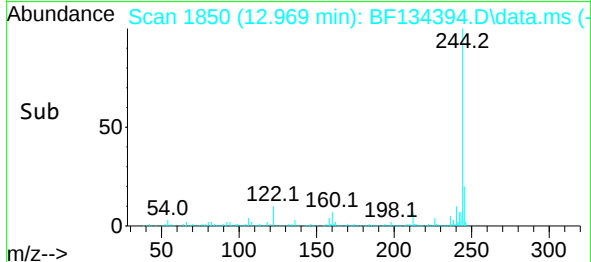
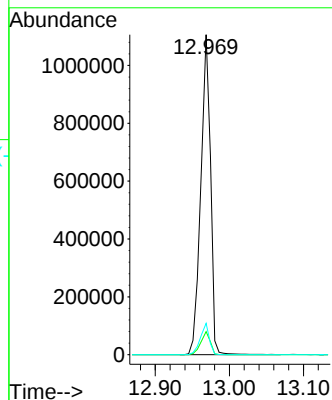
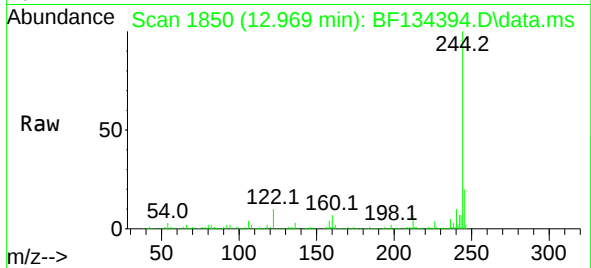




#79
Terphenyl-d14
Concen: 93.877 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

Instrument :
BNA_F
ClientSampleId :
SP-303-20230713

Tgt Ion:244 Resp: 1006563
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.8 8.3 12.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2287
Delta R.T. -0.006 min
Lab File: BF134394.D
Acq: 21 Jul 2023 11:08

Tgt Ion:264 Resp: 154164
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 23.0 16.6 25.0

