

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
 Data File : BF137859.D
 Acq On : 09 May 2024 11:52
 Operator : CG\JU
 Sample : PB160779BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB160779BL

Quant Time: May 09 12:26:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.045	152	184770	20.000	ng	-0.01
21) Naphthalene-d8	8.334	136	759305	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	449110	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	823274	20.000	ng	0.00
76) Chrysene-d12	14.239	240	555031	20.000	ng	-0.01
86) Perylene-d12	15.810	264	413608	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	1444925	130.932	ng	0.01
7) Phenol-d6	6.669	99	1768782	126.362	ng	0.00
23) Nitrobenzene-d5	7.610	82	1144913	87.603	ng	-0.01
42) 2,4,6-Tribromophenol	10.892	330	643463	140.325	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2419817	87.413	ng	-0.01
79) Terphenyl-d14	13.186	244	2965478	89.540	ng	0.00

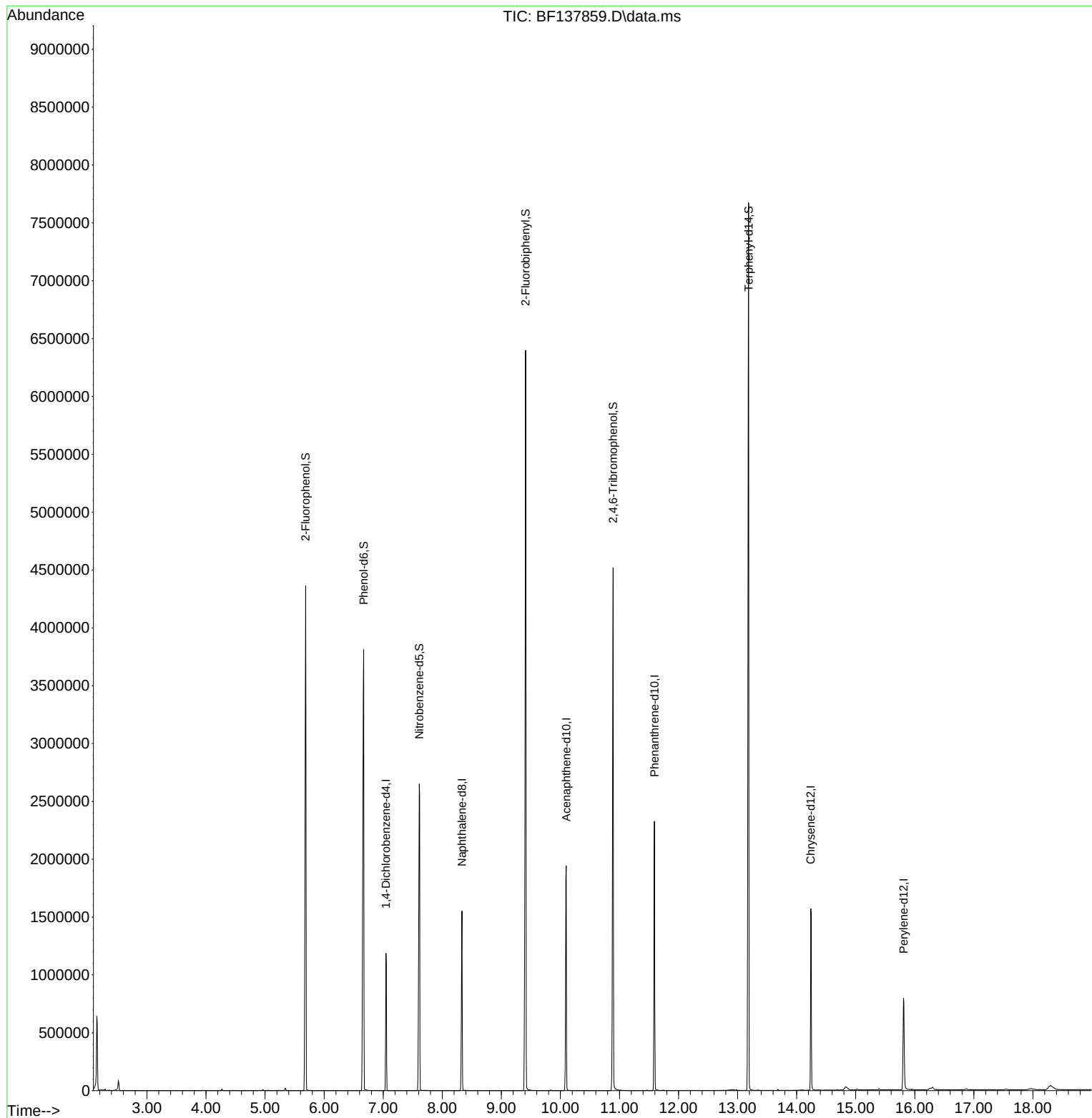
Target Compounds	Qvalue

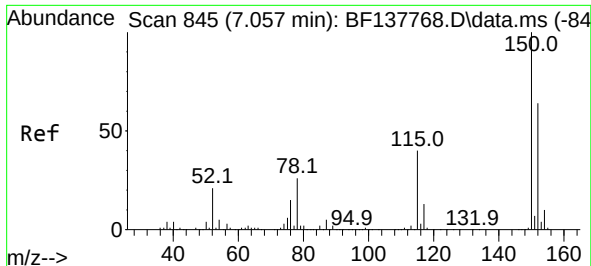
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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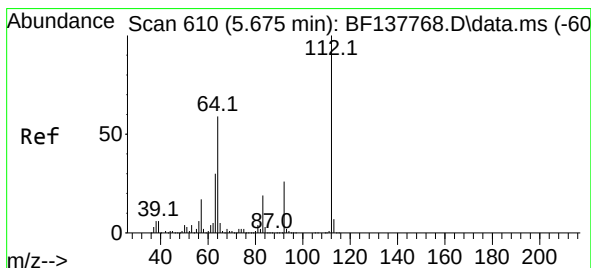
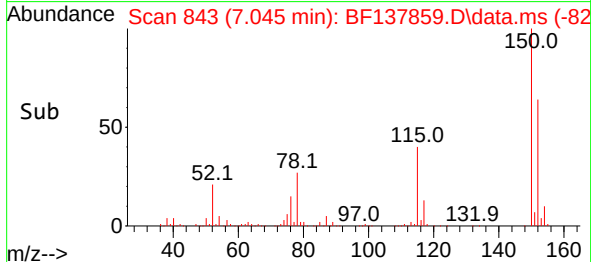
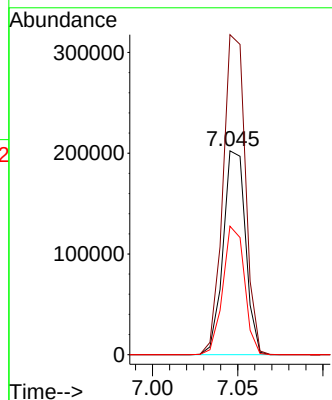
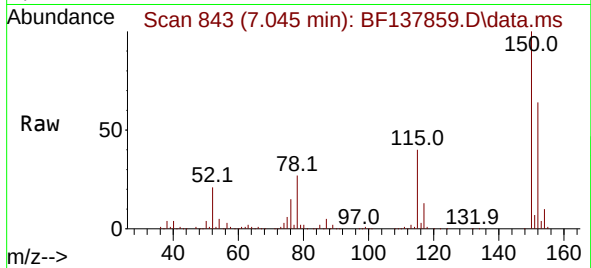




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

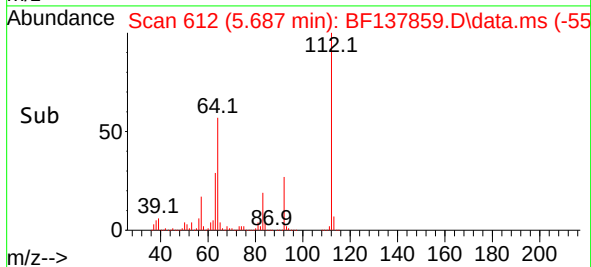
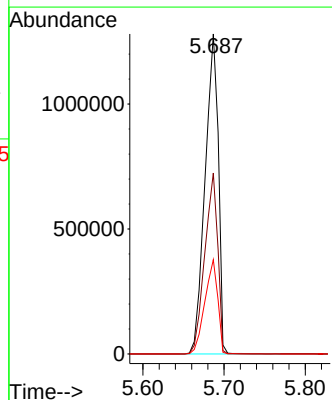
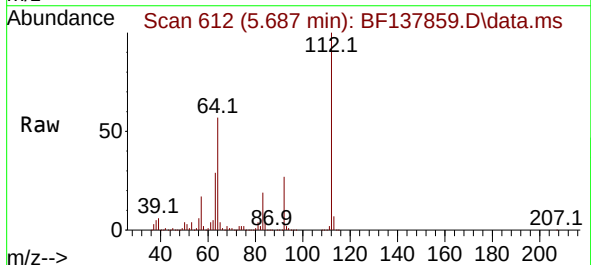
Instrument :
BNA_F
ClientSampleId :
PB160779BL

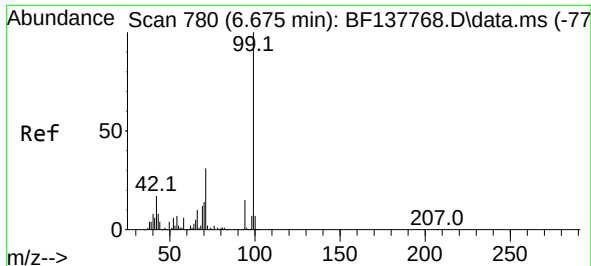
Tgt Ion:152 Resp: 184770
Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 63.1 49.1 73.7



#5
2-Fluorophenol
Concen: 130.932 ng
RT: 5.687 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion:112 Resp: 1444925
Ion Ratio Lower Upper
112 100
64 56.6 47.3 70.9
63 29.4 23.7 35.5



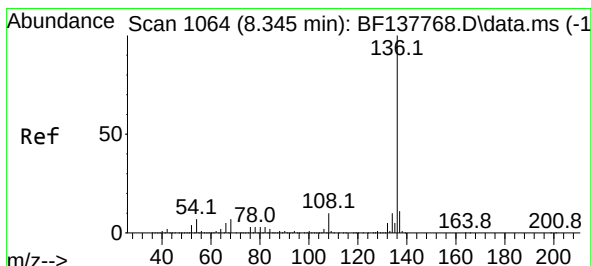
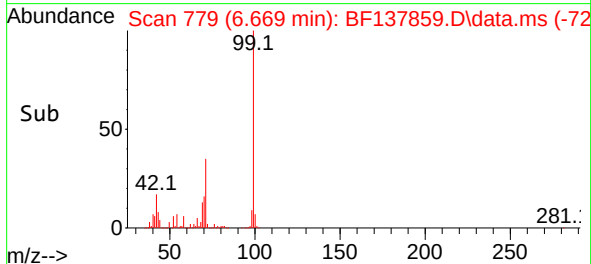
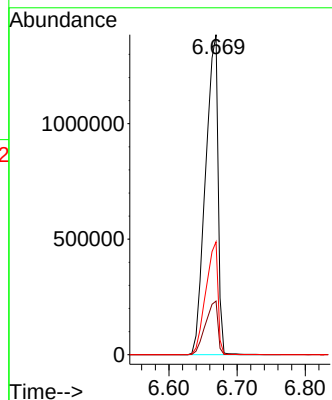
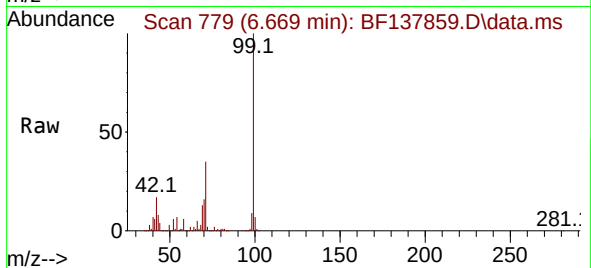


#7
Phenol-d6
Concen: 126.362 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB160779BL

Tgt Ion: 99 Resp: 1768782

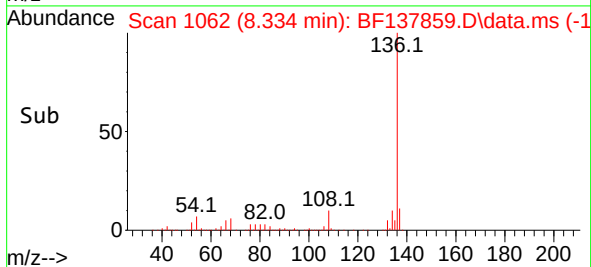
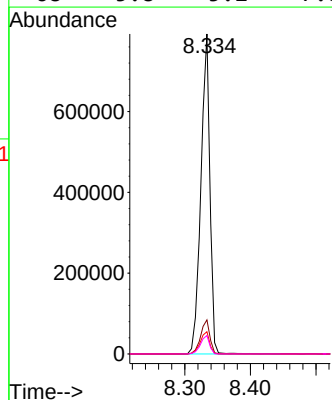
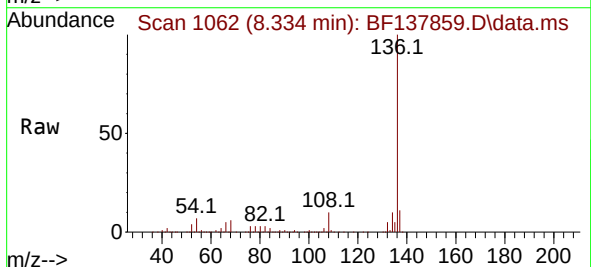
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.2	19.8
71	35.3	25.0	37.4

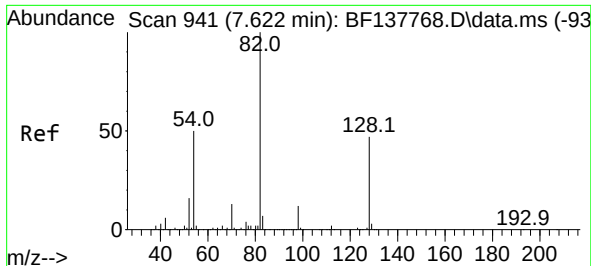


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.334 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion: 136 Resp: 759305

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.0	5.8	8.8
68	5.8	5.2	7.8

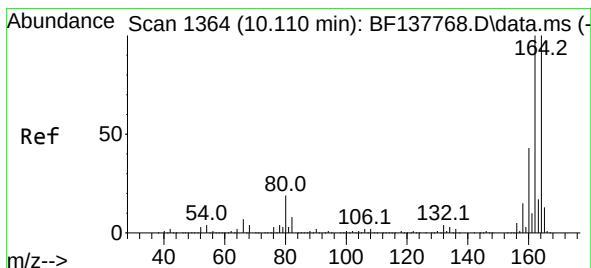
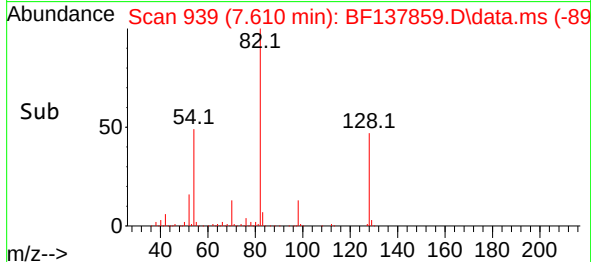
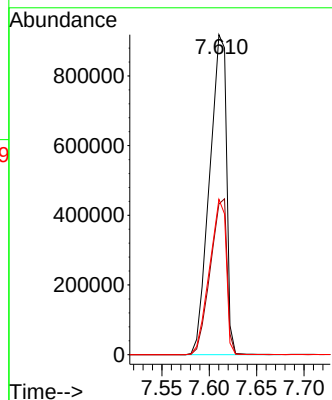
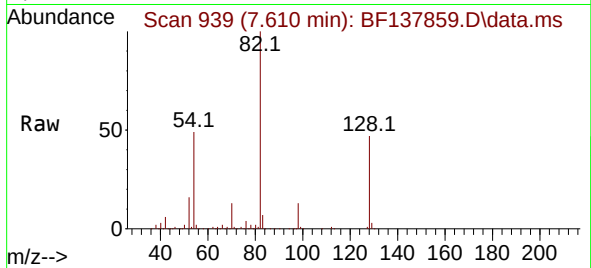




#23
Nitrobenzene-d5
Concen: 87.603 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

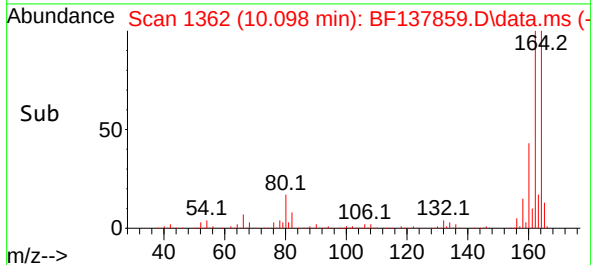
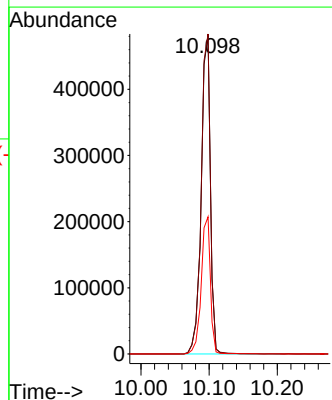
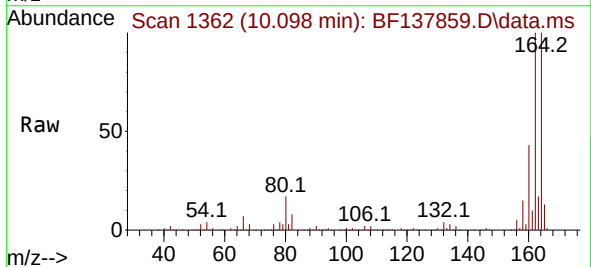
Instrument :
BNA_F
ClientSampleId :
PB160779BL

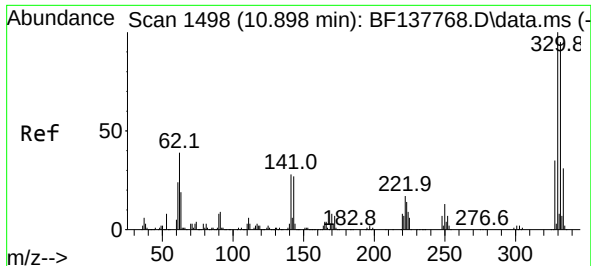
Tgt Ion: 82 Resp: 1144913
Ion Ratio Lower Upper
82 100
128 47.1 37.5 56.3
54 48.5 39.8 59.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.098 min Scan# 1362
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

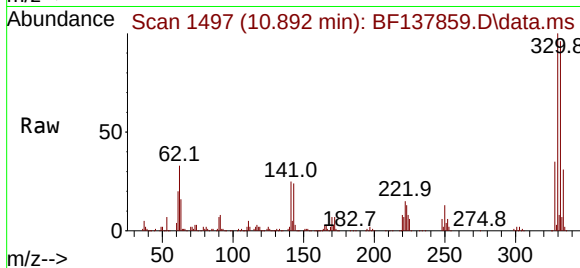
Tgt Ion:164 Resp: 449110
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.6
160 43.0 34.4 51.6



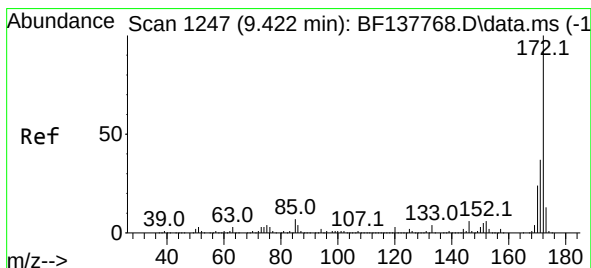
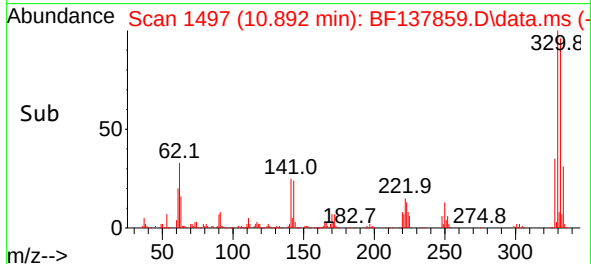
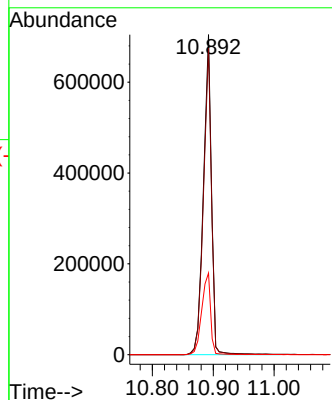


#42
2,4,6-Tribromophenol
Concen: 140.325 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Instrument :
BNA_F
ClientSampleId :
PB160779BL

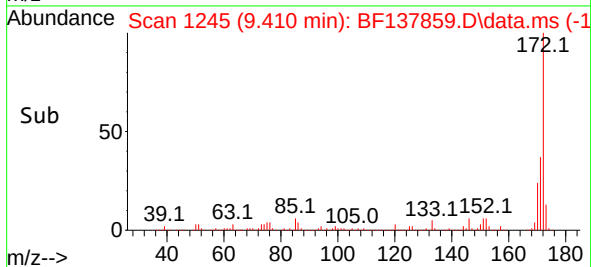
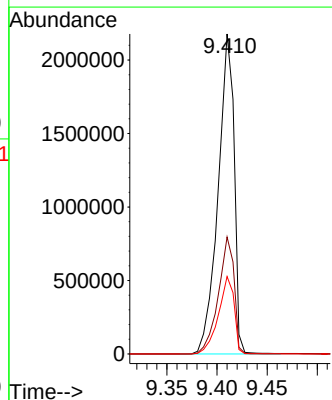
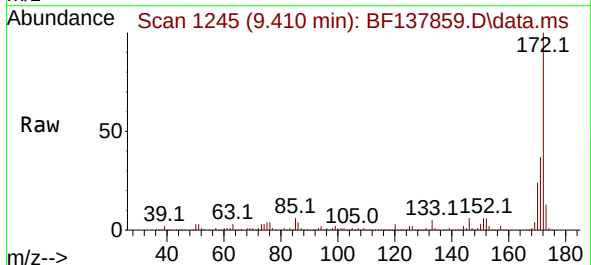


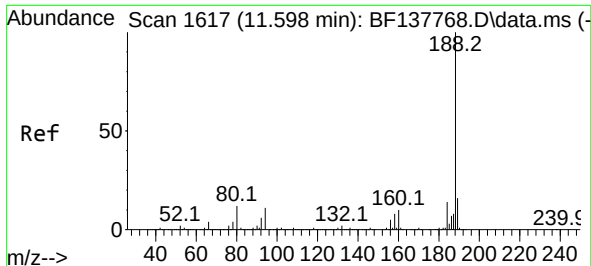
Tgt Ion:330 Resp: 643463
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 28.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 87.413 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

Tgt Ion:172 Resp: 2419817
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 24.2 19.4 29.2

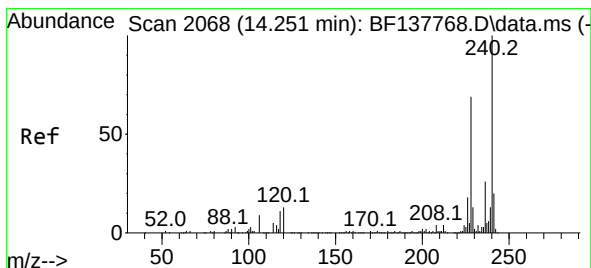
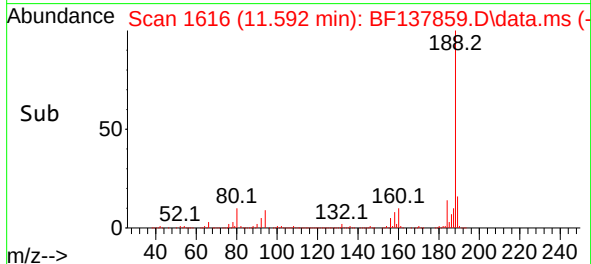
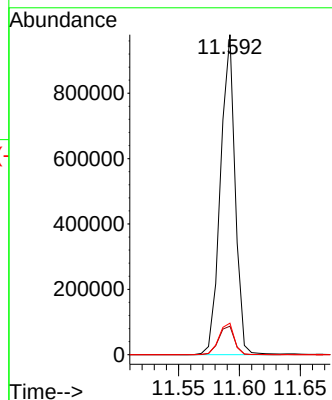
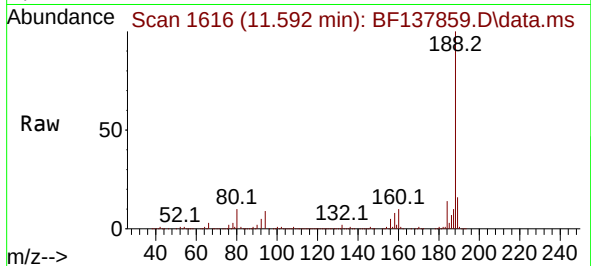




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

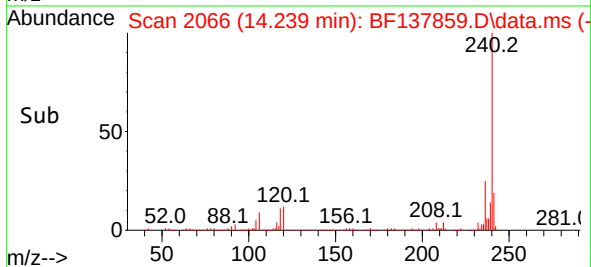
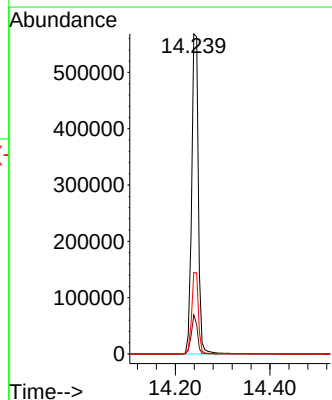
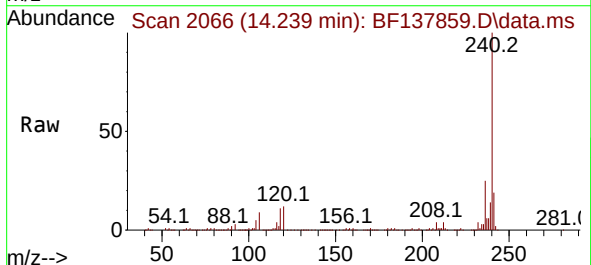
Instrument :
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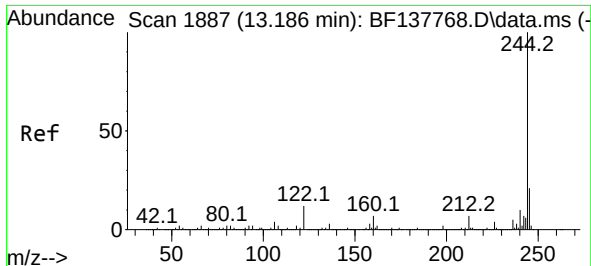
Tgt Ion:188 Resp: 823274
Ion Ratio Lower Upper
188 100
94 8.9 8.8 13.2
80 9.8 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.239 min Scan# 2066
Delta R.T. -0.012 min
Lab File: BF137859.D
Acq: 09 May 2024 11:52

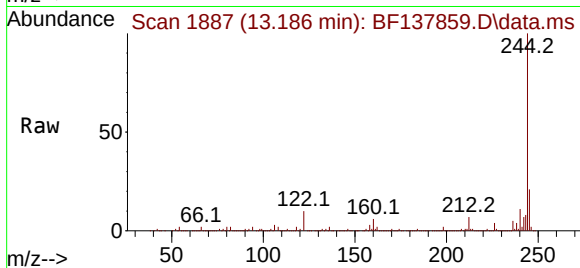
Tgt Ion:240 Resp: 555031
Ion Ratio Lower Upper
240 100
120 12.2 10.4 15.6
236 25.5 20.4 30.6





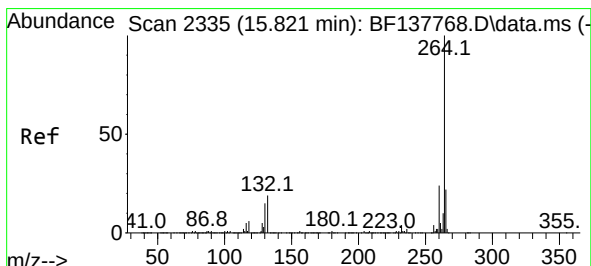
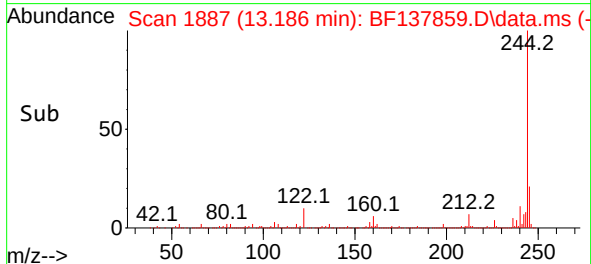
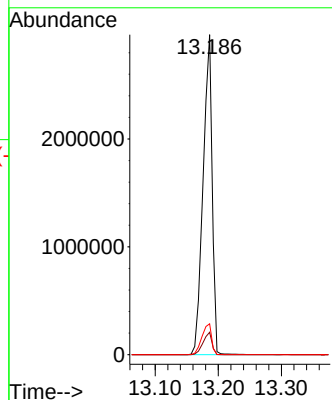
#79
 Terphenyl-d14
 Concen: 89.540 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. 0.000 min
 Lab File: BF137859.D
 Acq: 09 May 2024 11:52

Instrument :
 BNA_F
 ClientSampleId :
 PB160779BL



Tgt Ion:244 Resp: 2965478

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	9.7	9.4	14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.810 min Scan# 2333
 Delta R.T. -0.012 min
 Lab File: BF137859.D
 Acq: 09 May 2024 11:52

Tgt Ion:264 Resp: 413608

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.9	28.3
265	22.5	17.4	26.0

