

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032124\
 Data File : BF137667.D
 Acq On : 21 Mar 2024 18:26
 Operator : CG\JU
 Sample : P1817-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-148-SB02

Quant Time: Mar 21 18:47:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	129740	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	498190	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	260943	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	395725	20.000	ng	0.00
76) Chrysene-d12	13.874	240	281875	20.000	ng	0.00
86) Perylene-d12	15.298	264	298522	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	772929	90.229	ng	0.00
7) Phenol-d6	6.363	99	1011974	81.840	ng	0.00
23) Nitrobenzene-d5	7.286	82	603110	56.250	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	185071	80.763	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	904756	54.275	ng	0.00
79) Terphenyl-d14	12.821	244	630170	30.742	ng	0.00

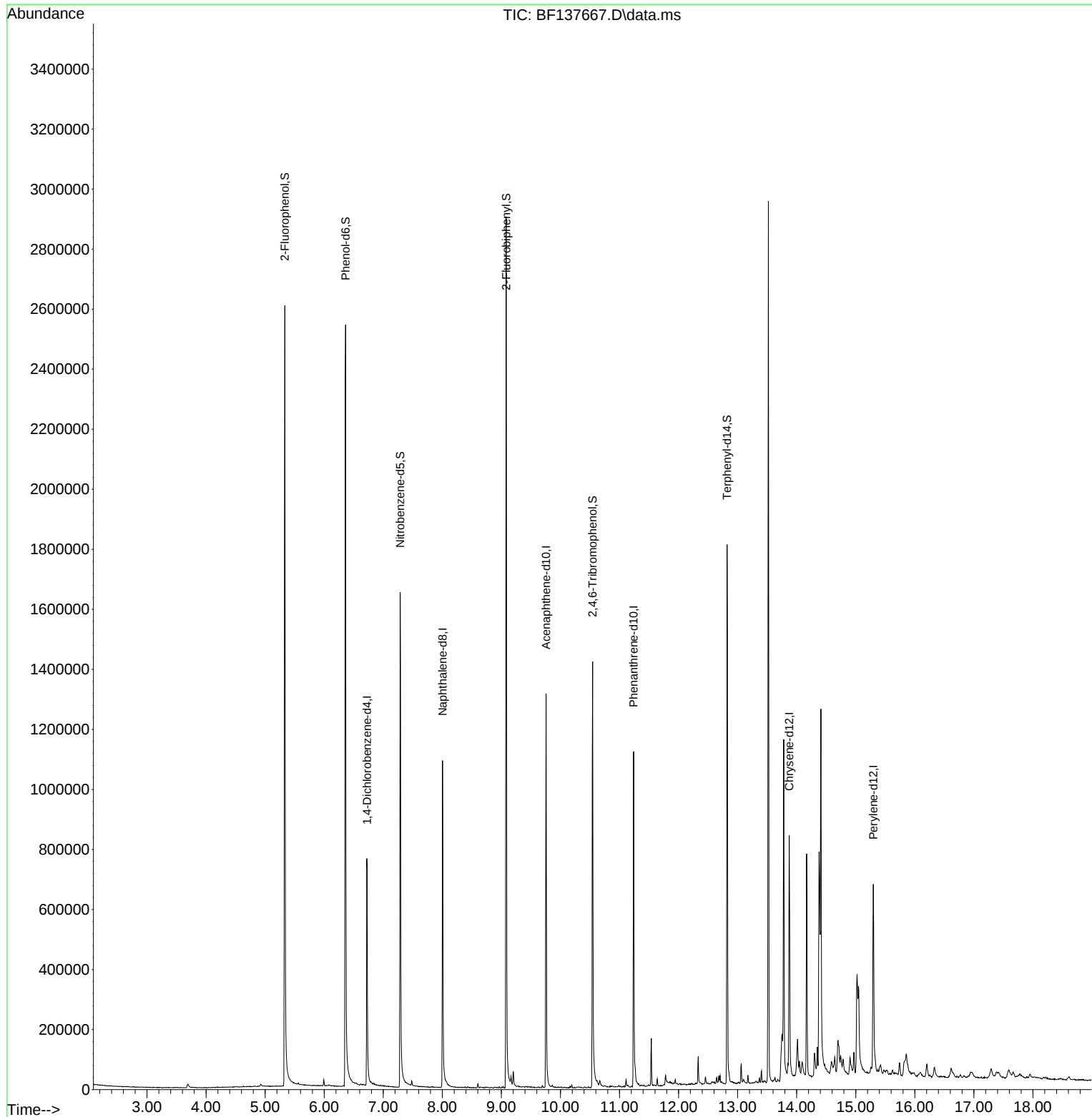
Target Compounds	Qvalue

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

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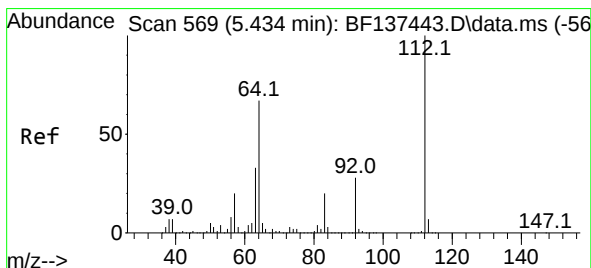
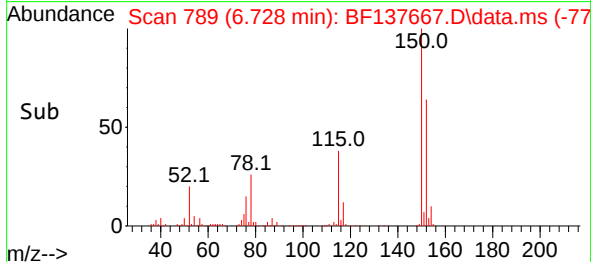
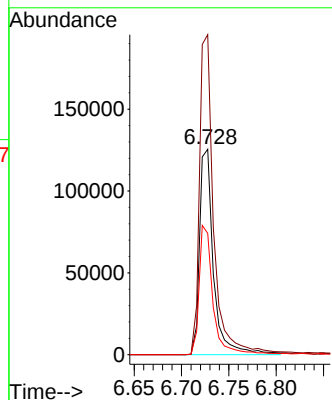
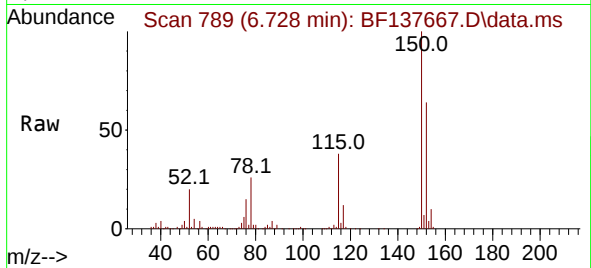




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

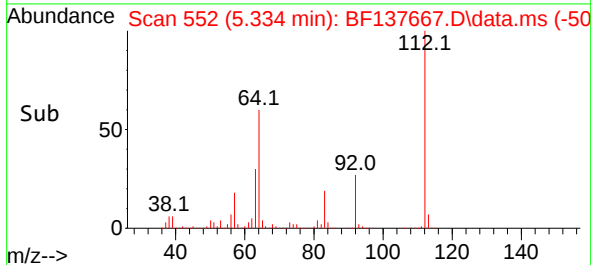
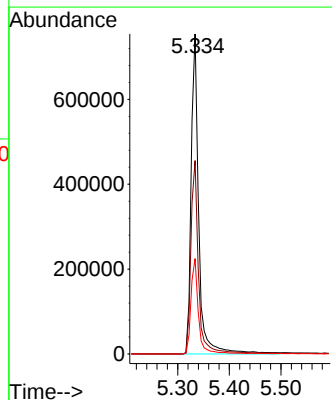
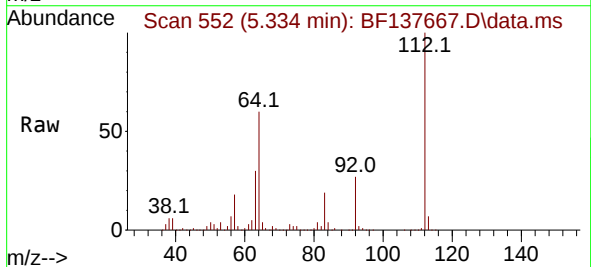
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

Tgt Ion:152 Resp: 129740
Ion Ratio Lower Upper
152 100
150 155.7 125.8 188.6
115 59.0 48.8 73.2



#5
2-Fluorophenol
Concen: 90.229 ng
RT: 5.334 min Scan# 552
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:112 Resp: 772929
Ion Ratio Lower Upper
112 100
64 60.5 53.4 80.2
63 29.8 26.2 39.2

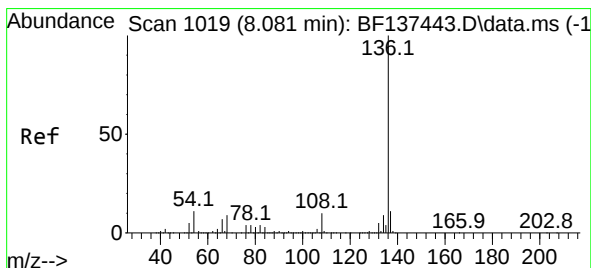
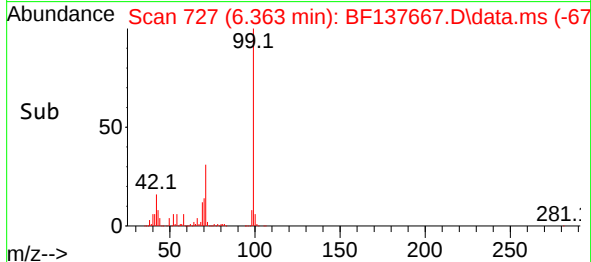
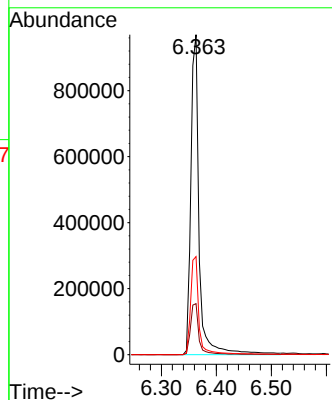
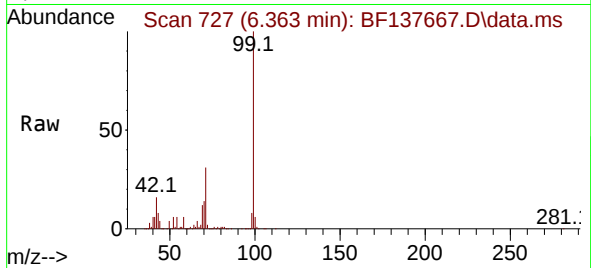




#7
Phenol-d6
Concen: 81.840 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

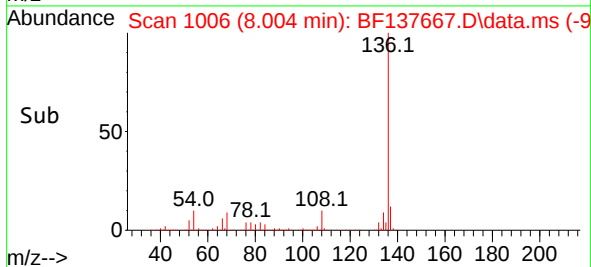
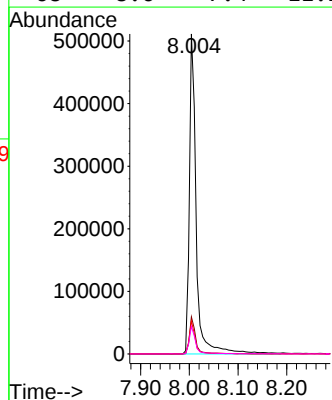
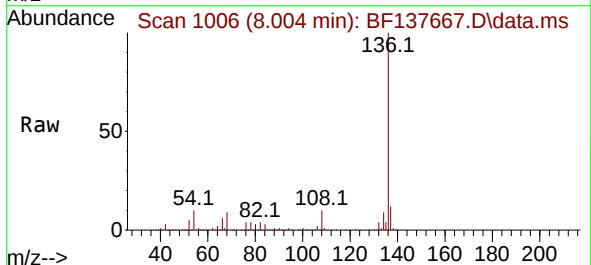
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

Tgt Ion: 99 Resp: 1011974
Ion Ratio Lower Upper
99 100
42 16.0 14.6 21.8
71 30.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion: 136 Resp: 498190
Ion Ratio Lower Upper
136 100
137 11.6 9.1 13.7
54 10.3 8.5 12.7
68 8.6 7.4 11.2

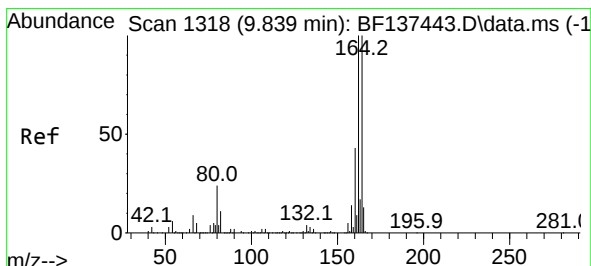
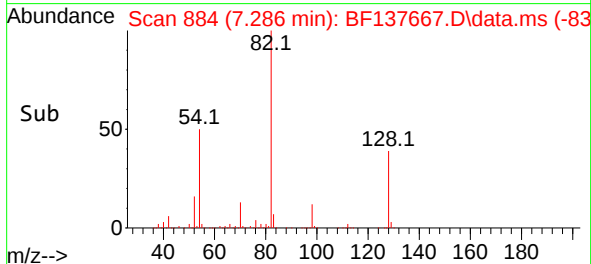
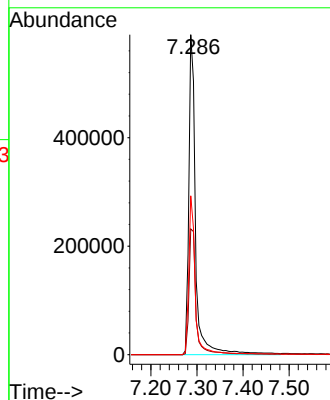
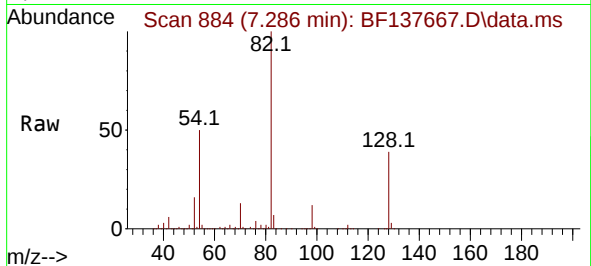




#23
Nitrobenzene-d5
Concen: 56.250 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

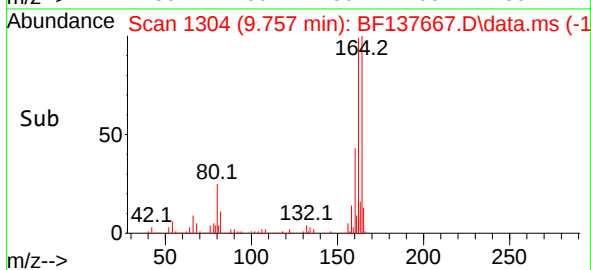
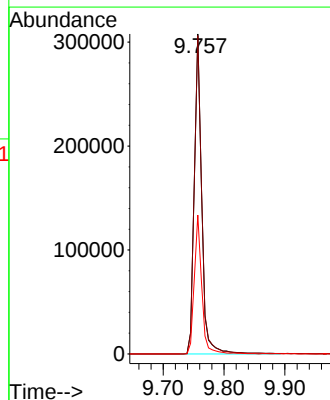
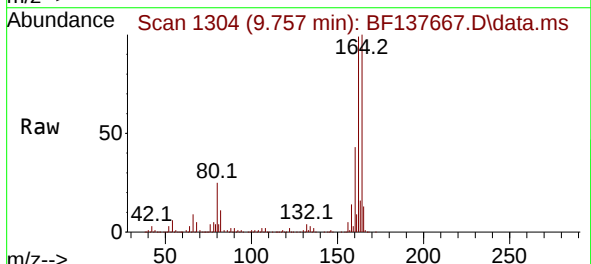
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

Tgt Ion: 82 Resp: 603110
Ion Ratio Lower Upper
82 100
128 39.3 32.5 48.7
54 49.7 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:164 Resp: 260943
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 43.4 34.4 51.6

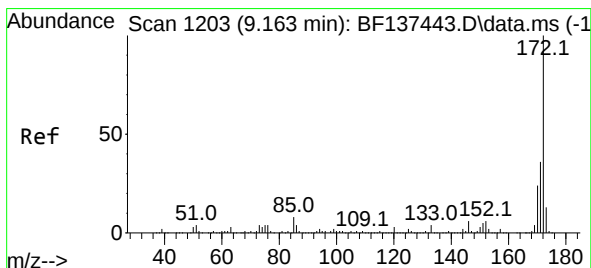
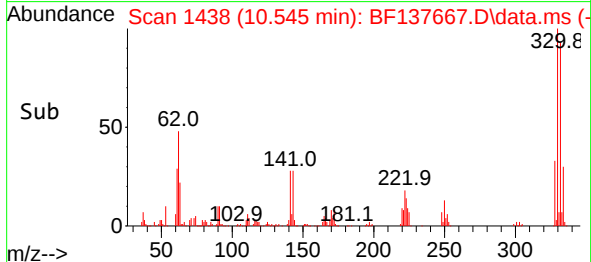
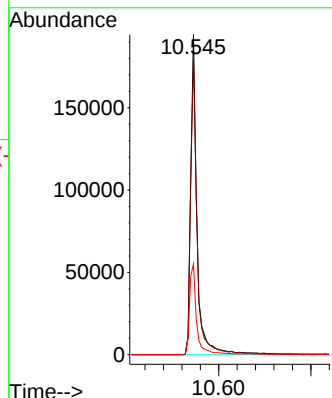
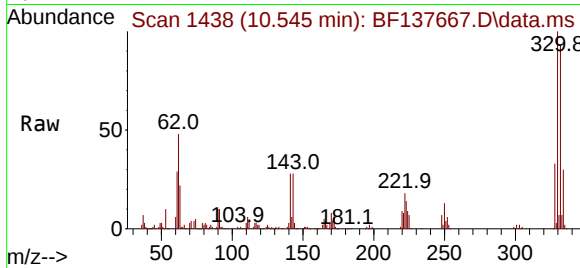




#42
2,4,6-Tribromophenol
Concen: 80.763 ng
RT: 10.545 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

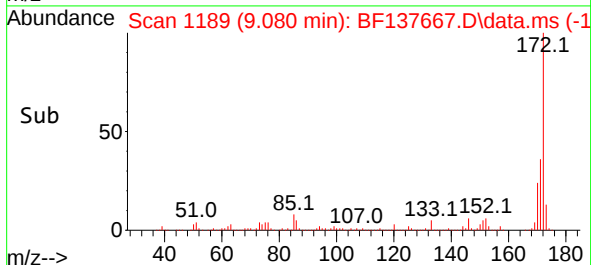
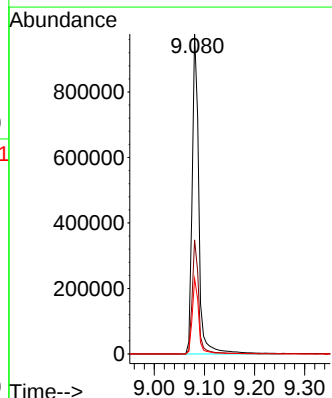
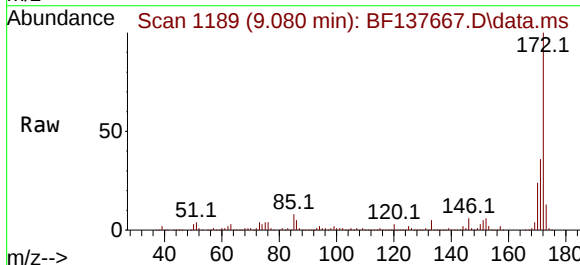
Instrument :
BNA_F
ClientSampleId :
B-148-SB02

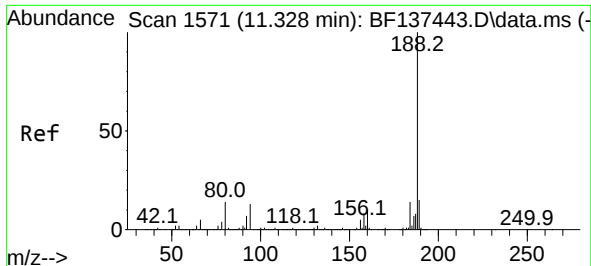
Tgt Ion:330 Resp: 185071
Ion Ratio Lower Upper
330 100
332 95.8 78.0 117.0
141 31.6 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 54.275 ng
RT: 9.080 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:172 Resp: 904756
Ion Ratio Lower Upper
172 100
171 35.6 28.5 42.7
170 23.5 19.0 28.6

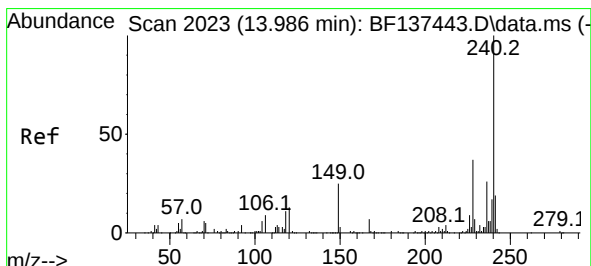
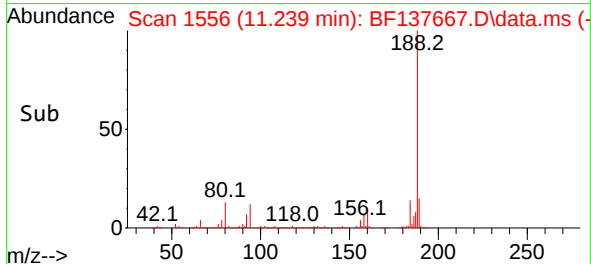
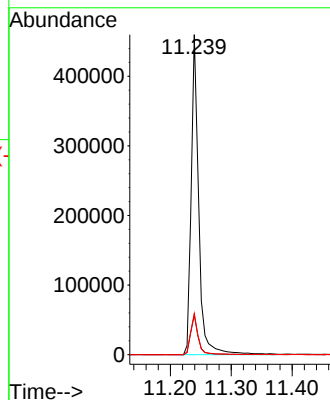
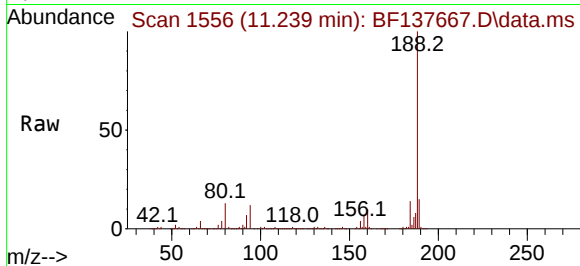




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

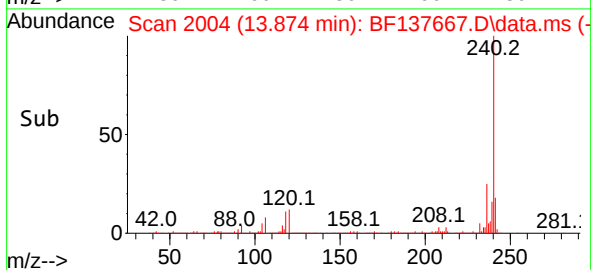
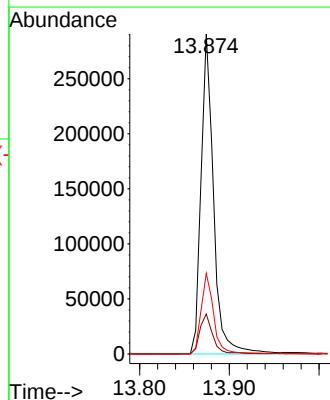
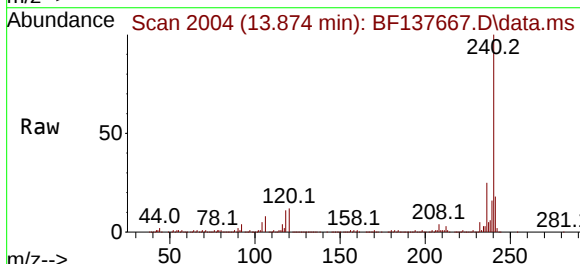
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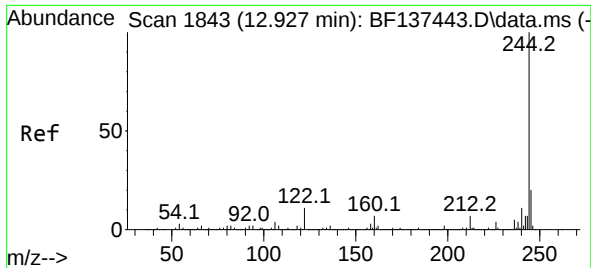
Tgt Ion:188 Resp: 395725
Ion Ratio Lower Upper
188 100
94 12.3 10.6 15.8
80 12.9 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137667.D
Acq: 21 Mar 2024 18:26

Tgt Ion:240 Resp: 281875
Ion Ratio Lower Upper
240 100
120 12.5 10.4 15.6
236 25.2 20.9 31.3

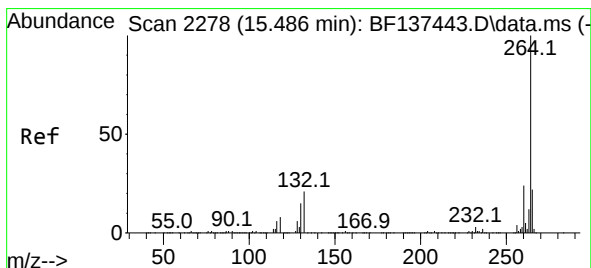
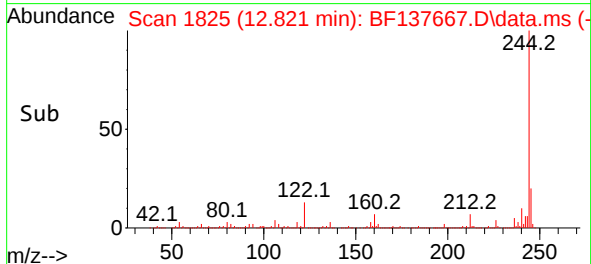
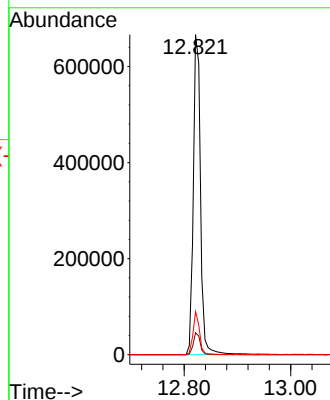
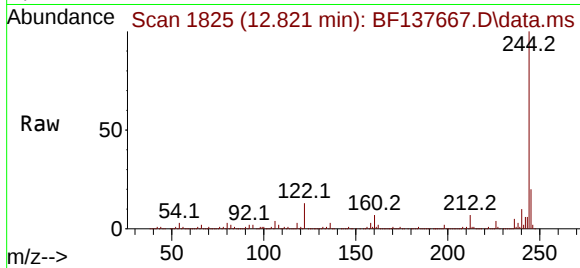




#79
 Terphenyl-d14
 Concen: 30.742 ng
 RT: 12.821 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF137667.D
 Acq: 21 Mar 2024 18:26

Instrument :
 BNA_F
 ClientSampleId :
 B-148-SB02

Tgt Ion:244 Resp: 630170
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 13.4 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.298 min Scan# 2246
 Delta R.T. -0.000 min
 Lab File: BF137667.D
 Acq: 21 Mar 2024 18:26

Tgt Ion:264 Resp: 298522
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.2 17.4 26.0

