

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139897.D
 Acq On : 21 Oct 2024 12:24
 Operator : RC/JU
 Sample : P4426-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PAD-2

Quant Time: Oct 21 12:52:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	159852	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	606491	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	331573	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	530976	20.000	ng	0.00
76) Chrysene-d12	14.051	240	262530	20.000	ng	0.00
86) Perylene-d12	15.527	264	323097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	352870	34.558	ng	0.00
7) Phenol-d6	6.498	99	608310	45.997	ng	-0.01
23) Nitrobenzene-d5	7.445	82	499548	45.651	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	78546	25.326	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	971588	48.428	ng	0.00
79) Terphenyl-d14	12.998	244	805138	49.974	ng	0.00

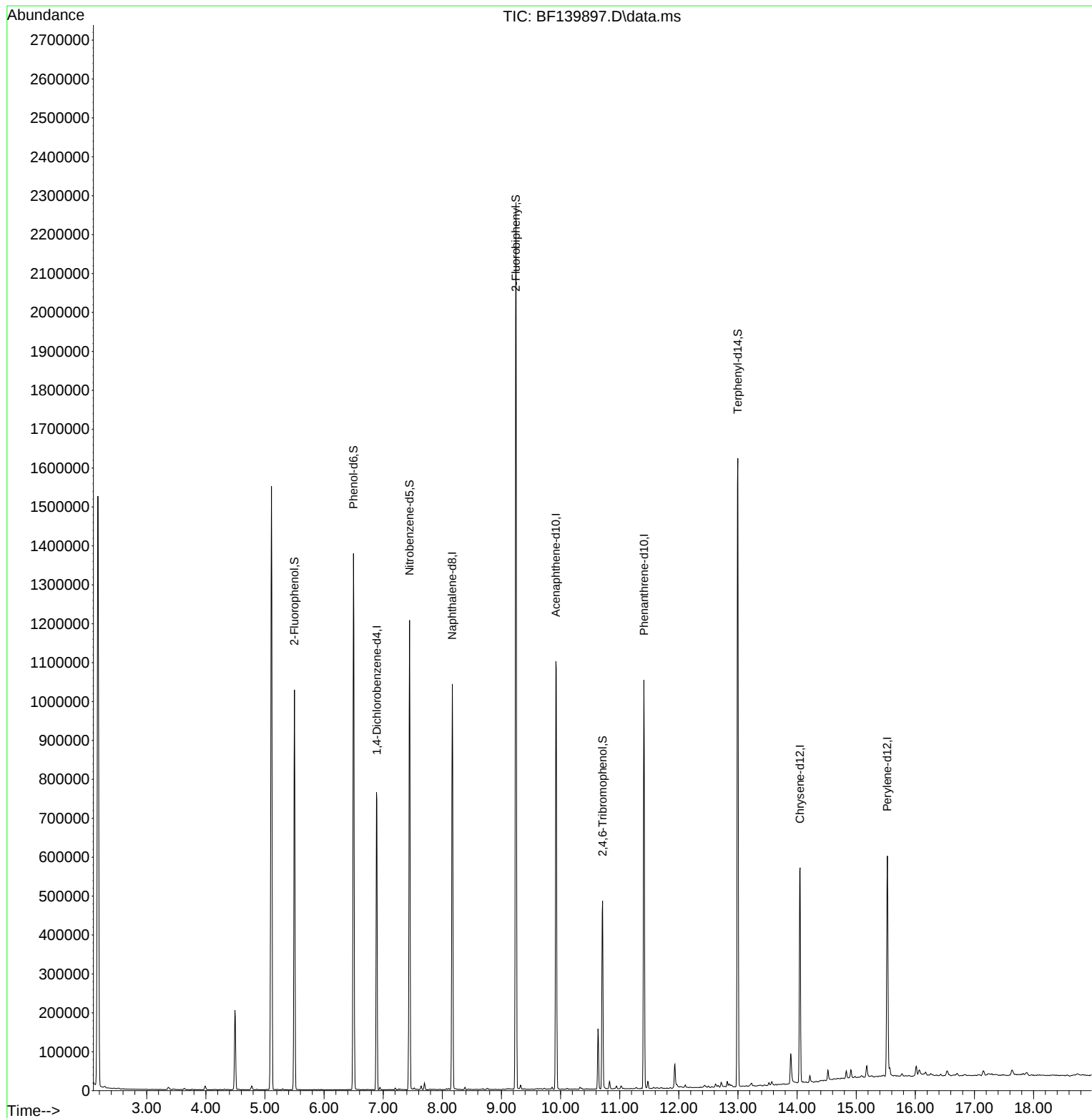
Target Compounds	Qvalue

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

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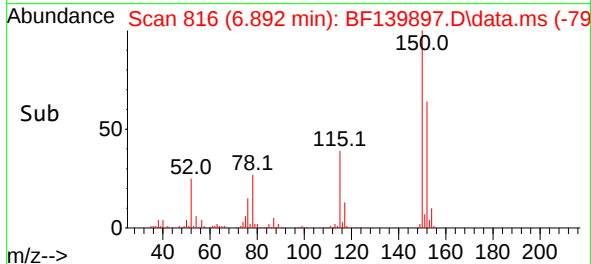
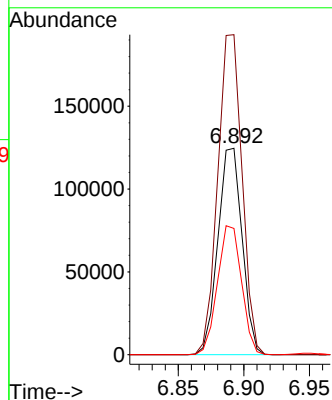
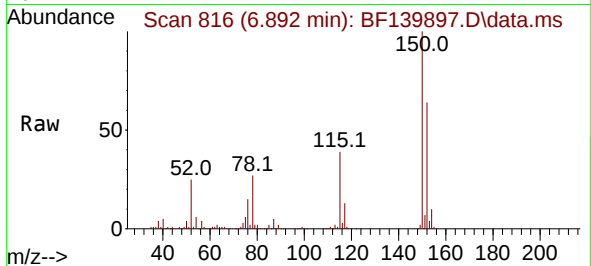




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

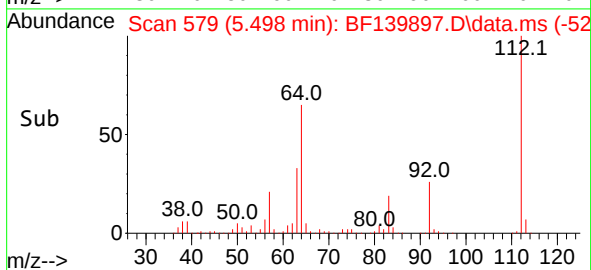
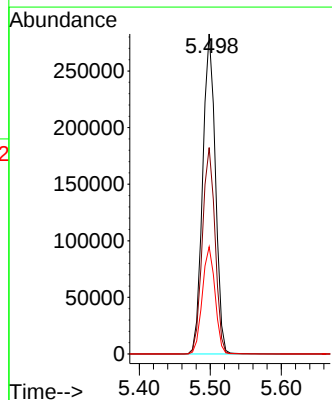
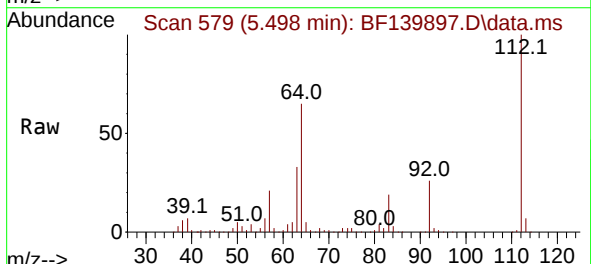
Instrument :
BNA_F
ClientSampleId :
PAD-2

Tgt Ion:152 Resp: 159852
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 61.2 51.4 77.2



#5
2-Fluorophenol
Concen: 34.558 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion:112 Resp: 352870
Ion Ratio Lower Upper
112 100
64 64.5 53.0 79.6
63 33.5 27.0 40.4

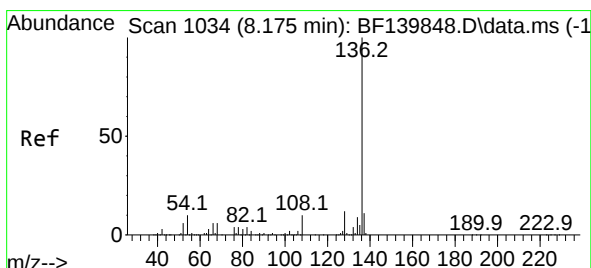
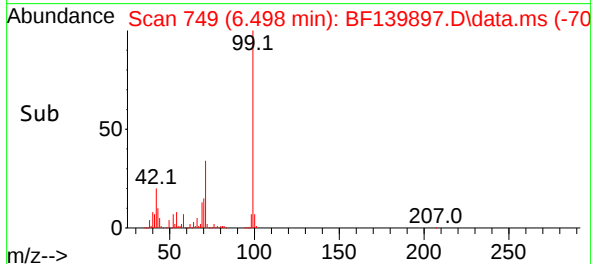
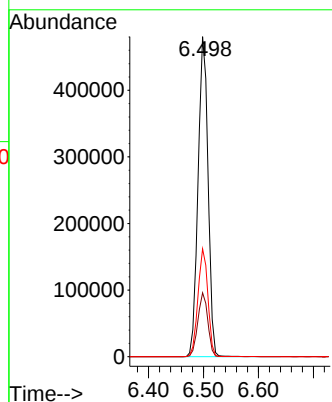
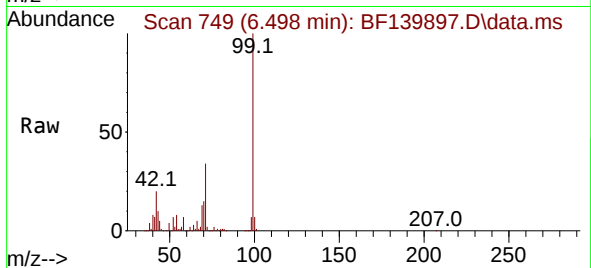




#7
Phenol-d6
Concen: 45.997 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

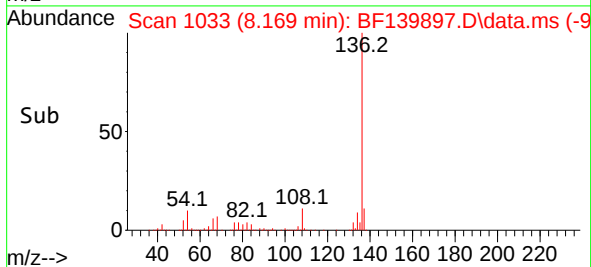
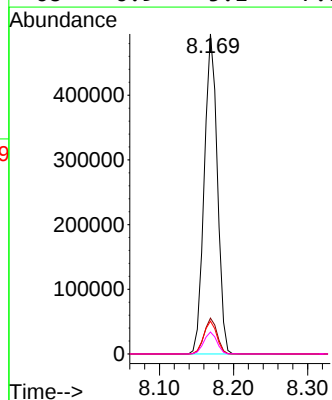
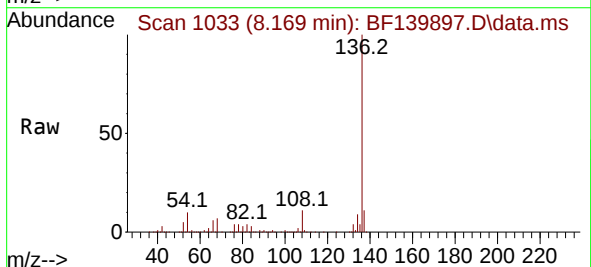
Instrument :
BNA_F
ClientSampleId :
PAD-2

Tgt Ion: 99 Resp: 608310
Ion Ratio Lower Upper
99 100
42 19.9 16.7 25.1
71 33.7 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion: 136 Resp: 606491
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.2 8.4 12.6
68 6.9 5.1 7.7

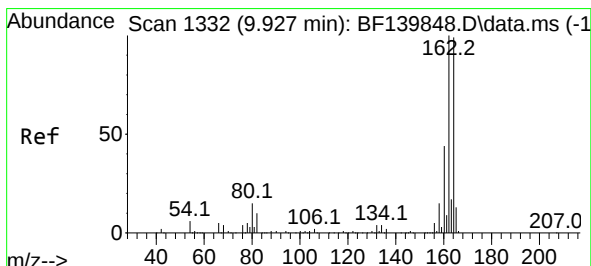
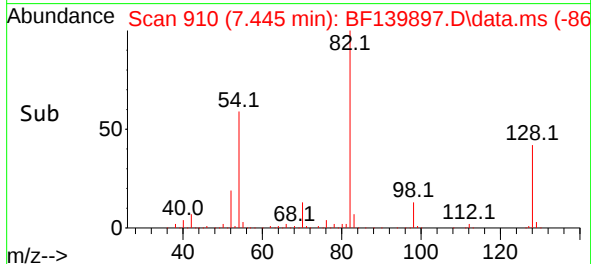
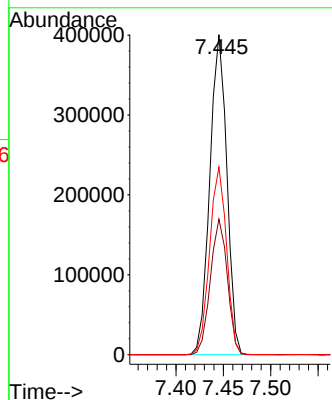
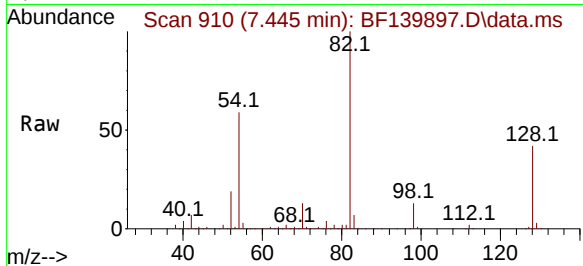




#23
 Nitrobenzene-d5
 Concen: 45.651 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF139897.D
 Acq: 21 Oct 2024 12:24

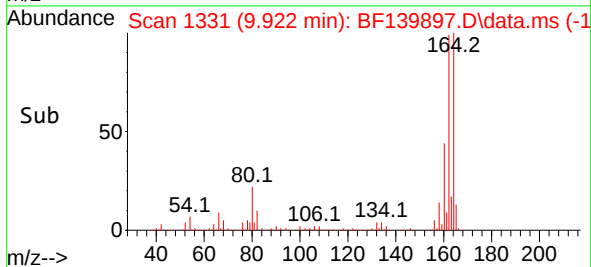
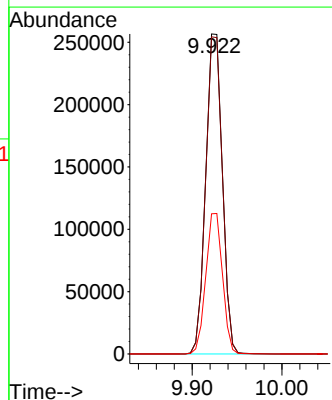
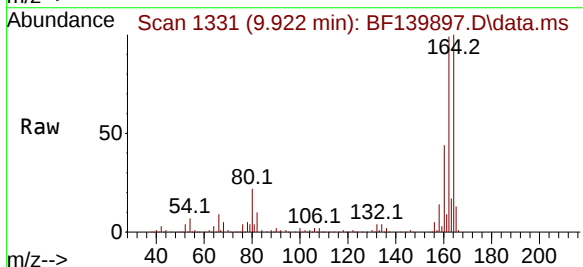
Instrument :
 BNA_F
 ClientSampleId :
 PAD-2

Tgt Ion: 82 Resp: 499548
 Ion Ratio Lower Upper
 82 100
 128 42.4 33.4 50.0
 54 58.6 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF139897.D
 Acq: 21 Oct 2024 12:24

Tgt Ion:164 Resp: 331573
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.0 121.4
 160 43.8 35.4 53.0

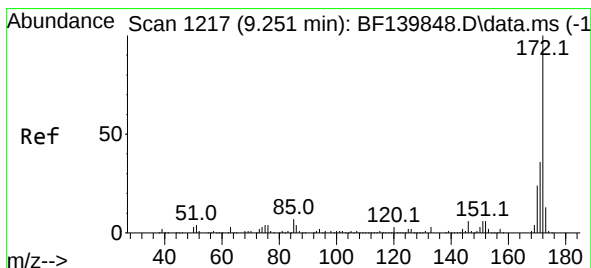
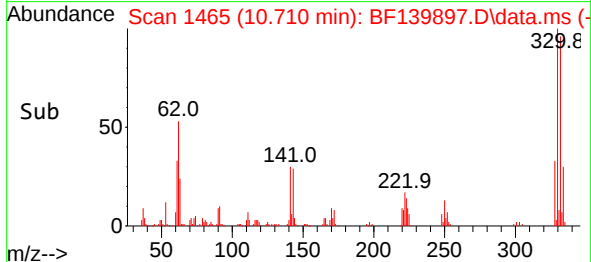
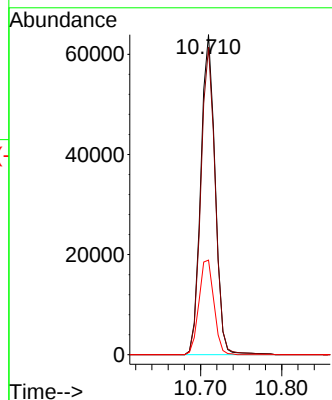
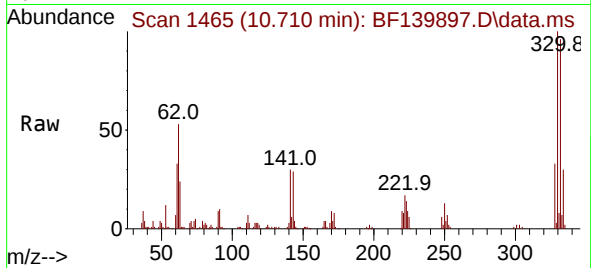




#42
2,4,6-Tribromophenol
Concen: 25.326 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

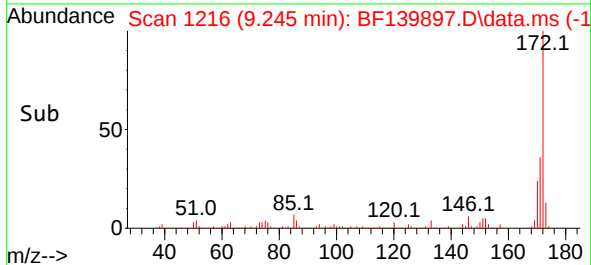
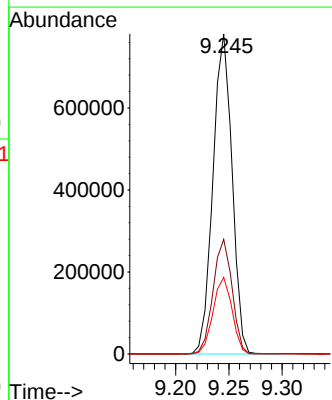
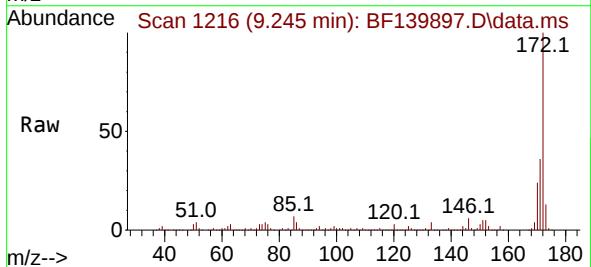
Instrument :
BNA_F
ClientSampleId :
PAD-2

Tgt Ion: 330 Resp: 78546
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 30.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 48.428 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion: 172 Resp: 971588
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.9 19.1 28.7

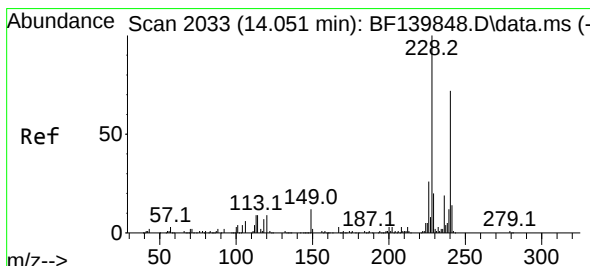
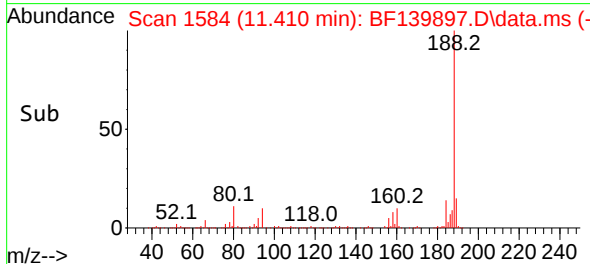
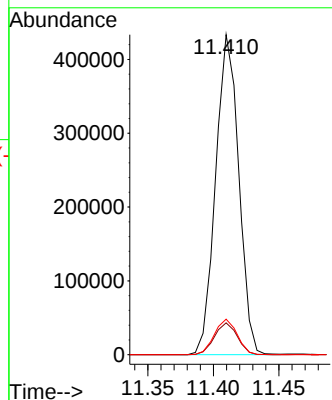
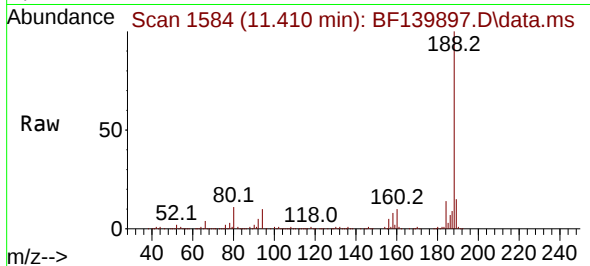




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

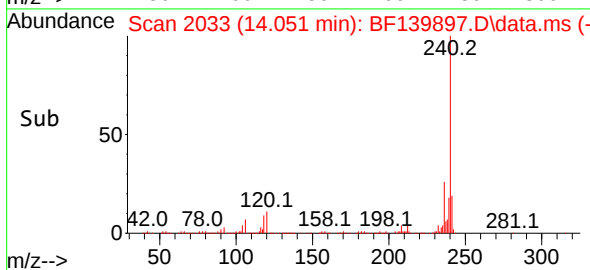
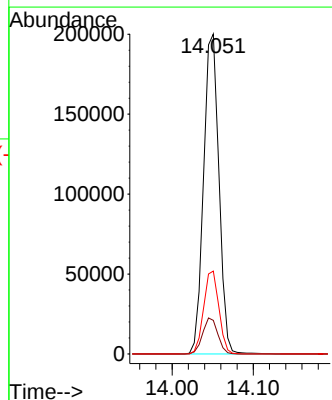
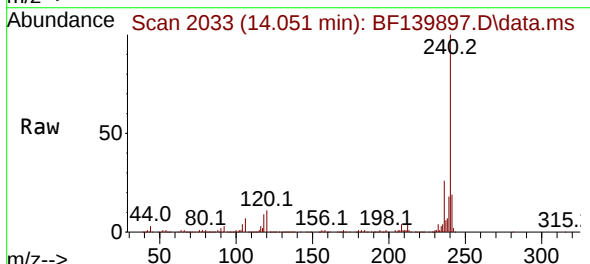
Instrument :
BNA_F
ClientSampleId :
PAD-2

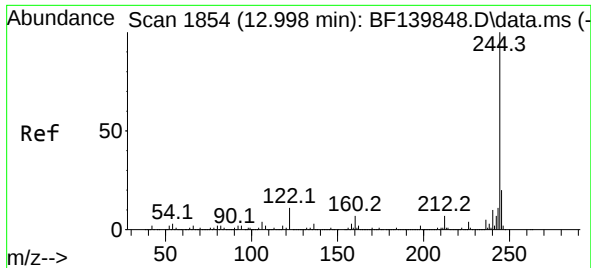
Tgt Ion:188 Resp: 530976
Ion Ratio Lower Upper
188 100
94 9.9 7.9 11.9
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139897.D
Acq: 21 Oct 2024 12:24

Tgt Ion:240 Resp: 262530
Ion Ratio Lower Upper
240 100
120 10.5 9.4 14.2
236 25.9 20.9 31.3

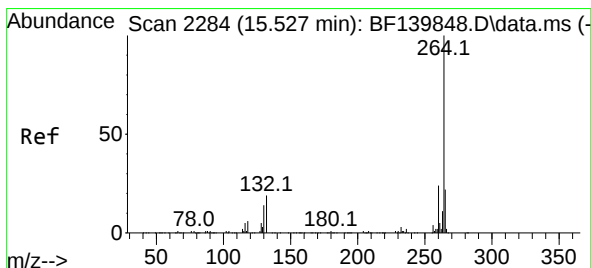
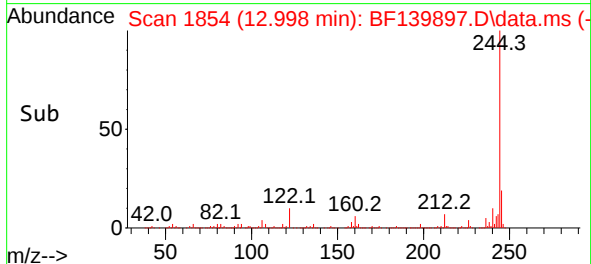
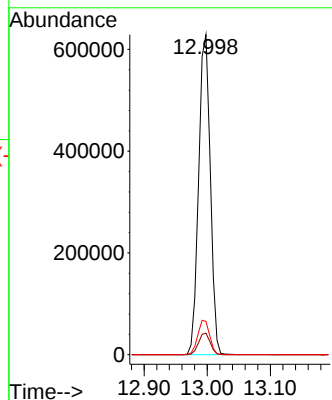
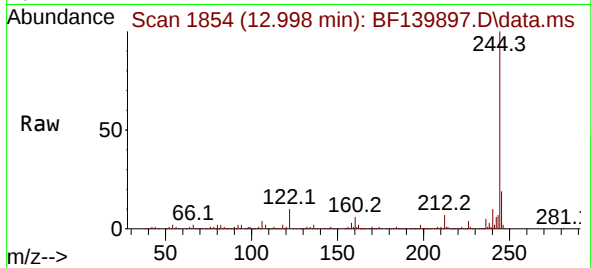




#79
 Terphenyl-d14
 Concen: 49.974 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139897.D
 Acq: 21 Oct 2024 12:24

Instrument :
 BNA_F
 ClientSampleId :
 PAD-2

Tgt Ion:244 Resp: 805138
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.4 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139897.D
 Acq: 21 Oct 2024 12:24

Tgt Ion:264 Resp: 323097
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.4 29.2
 265 21.4 17.4 26.0

