

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139953.D
 Acq On : 23 Oct 2024 09:48
 Operator : RC/JU
 Sample : PB164020BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164020BL

Quant Time: Oct 23 19:23:14 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	6.893	152	157434	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	620371	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	355818	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	672283	20.000	ng	0.00
76) Chrysene-d12	14.051	240	479376	20.000	ng	0.00
86) Perylene-d12	15.527	264	375898	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1267564	126.044	ng	0.02
7) Phenol-d6	6.510	99	1597316	122.636	ng	0.00
23) Nitrobenzene-d5	7.445	82	1039182	92.840	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	500157	150.278	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1870132	86.864	ng	0.00
79) Terphenyl-d14	13.004	244	2367451	80.474	ng	0.00

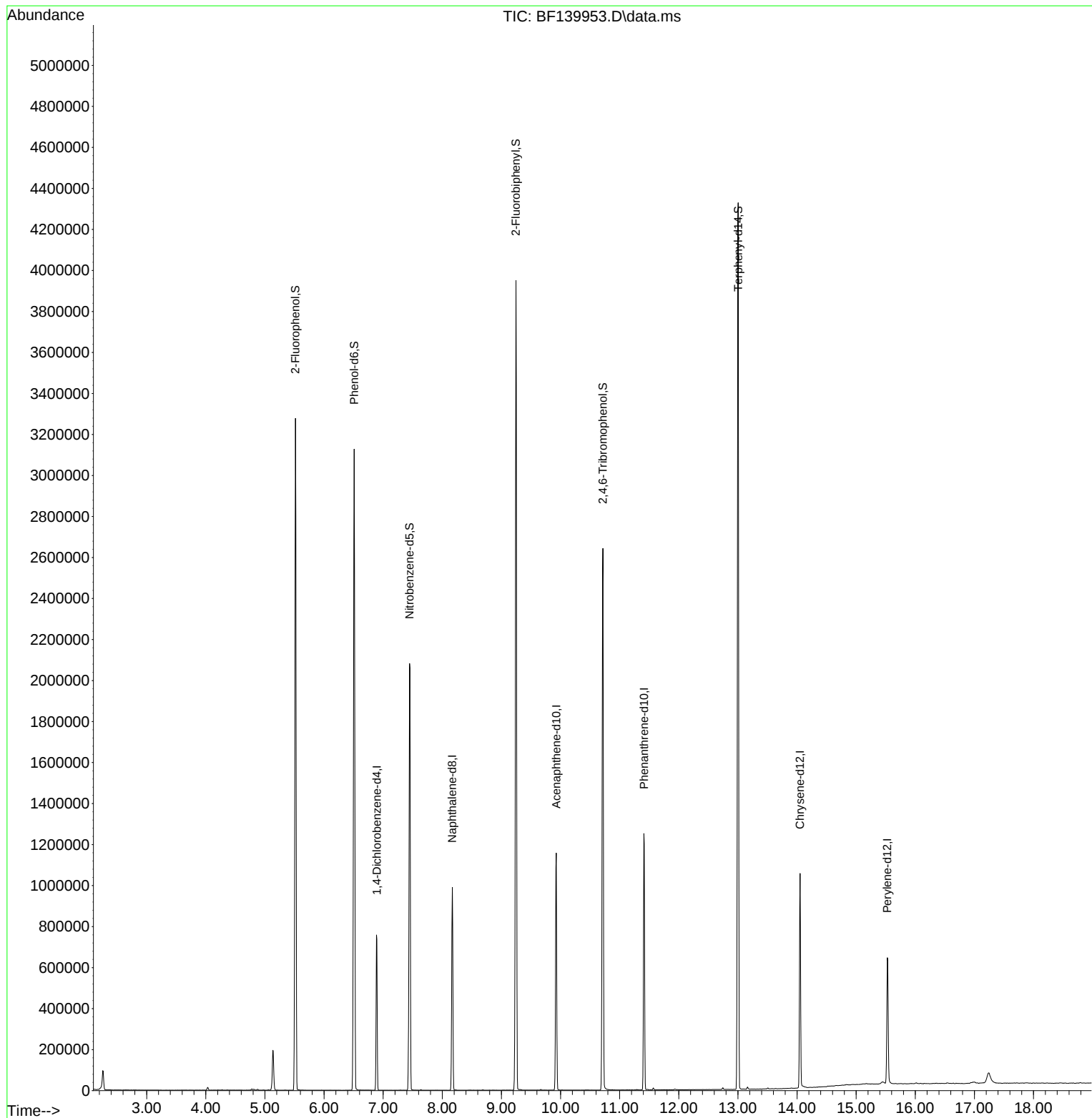
Target Compounds	Qvalue

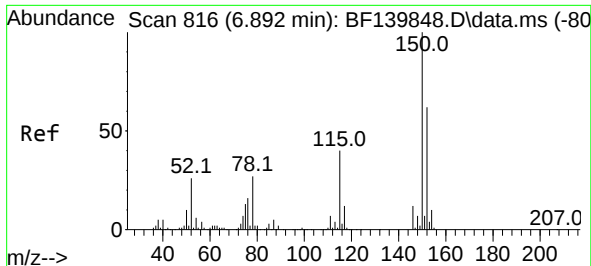
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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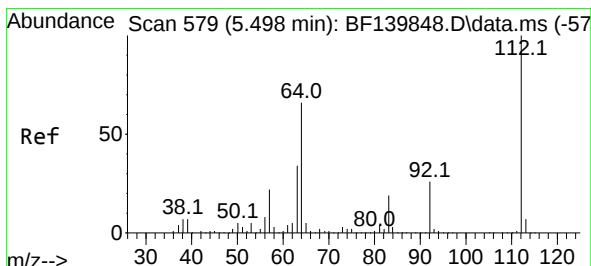
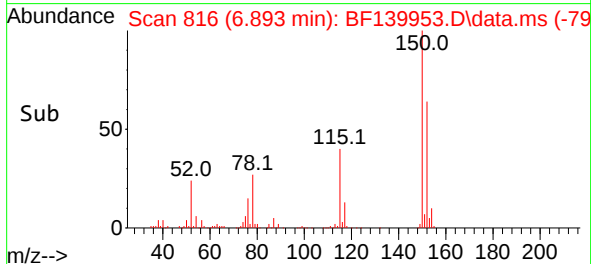
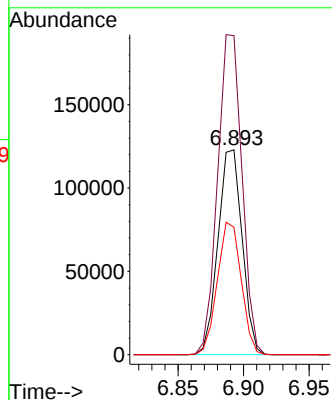
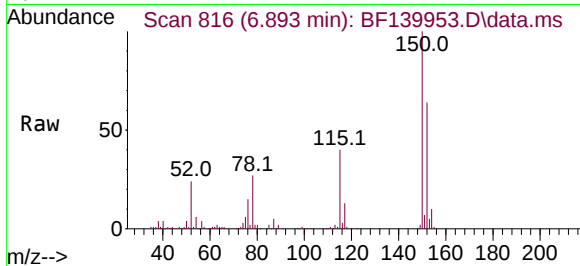




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

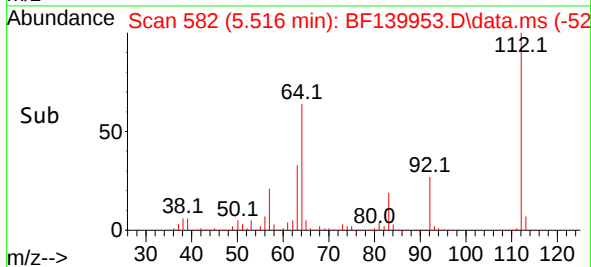
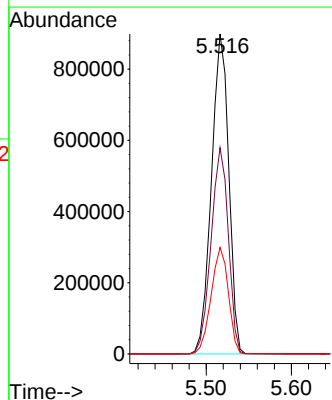
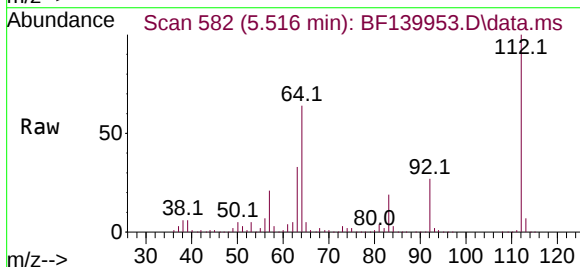
Instrument :
BNA_F
ClientSampleId :
PB164020BL

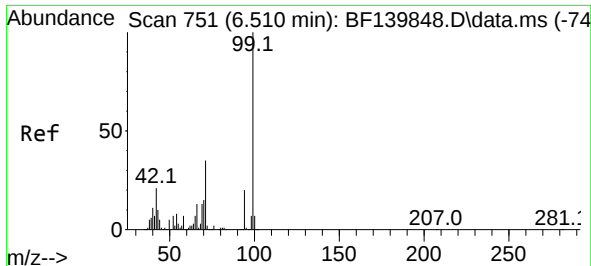
Tgt Ion:152 Resp: 157434
Ion Ratio Lower Upper
152 100
150 155.8 130.2 195.2
115 62.2 51.4 77.2



#5
2-Fluorophenol
Concen: 126.044 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Tgt Ion:112 Resp: 1267564
Ion Ratio Lower Upper
112 100
64 64.4 53.0 79.6
63 33.3 27.0 40.4



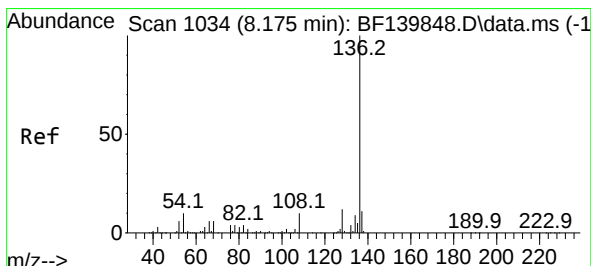
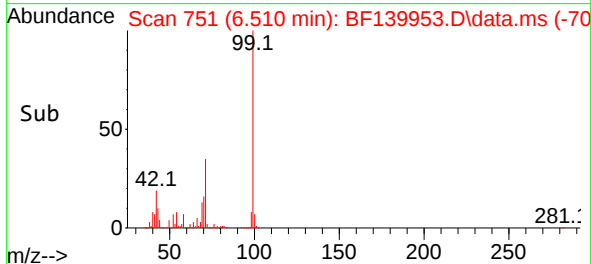
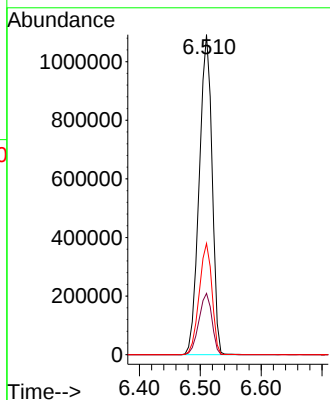
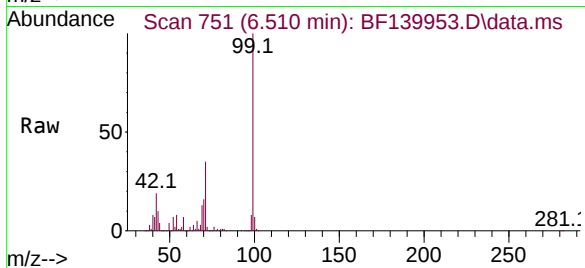


#7
Phenol-d6
Concen: 122.636 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Instrument :
BNA_F
ClientSampleId :
PB164020BL

Tgt Ion: 99 Resp: 1597316

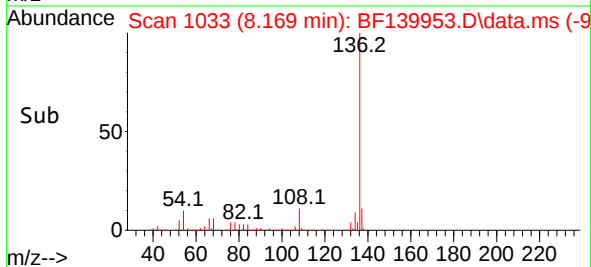
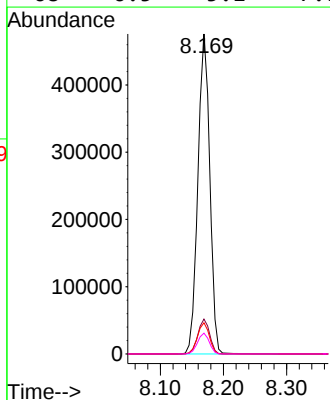
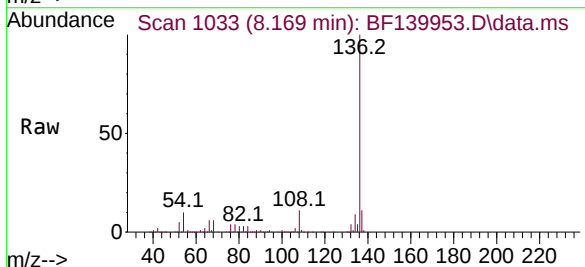
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.7	25.1
71	34.8	27.7	41.5

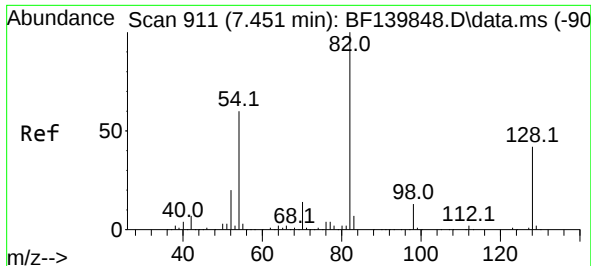


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Tgt Ion: 136 Resp: 620371

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.8	8.4	12.6
68	6.5	5.1	7.7

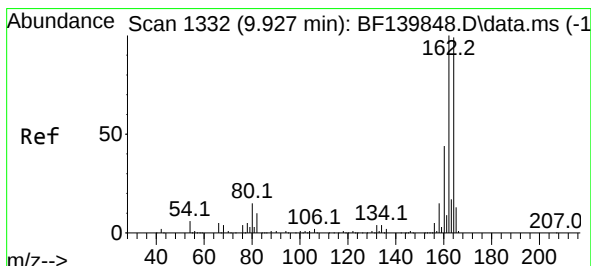
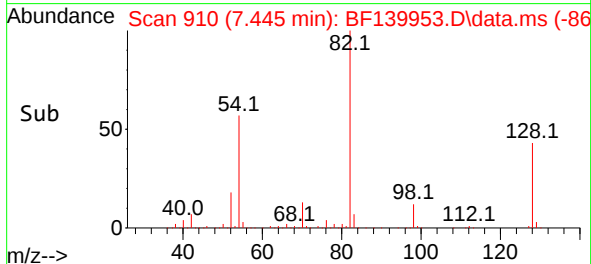
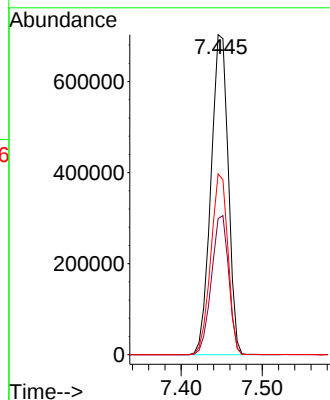
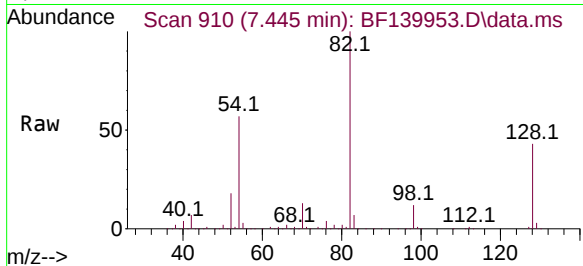




#23
Nitrobenzene-d5
Concen: 92.840 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

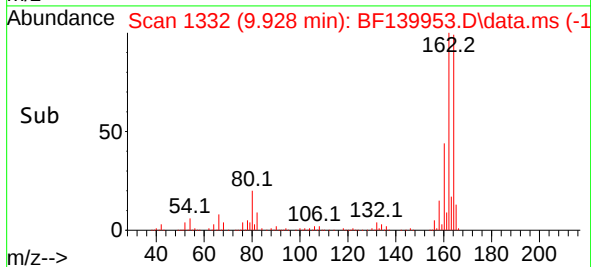
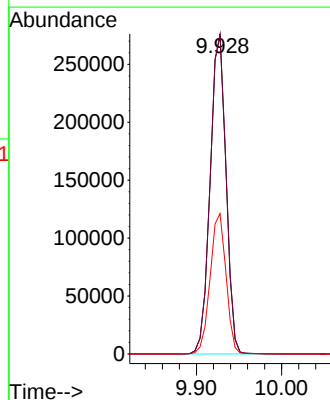
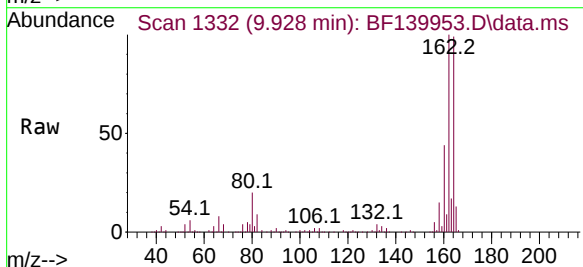
Instrument :
BNA_F
ClientSampleId :
PB164020BL

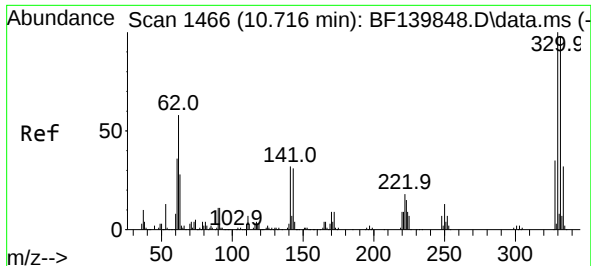
Tgt Ion: 82 Resp: 1039182
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.0
54 56.5 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

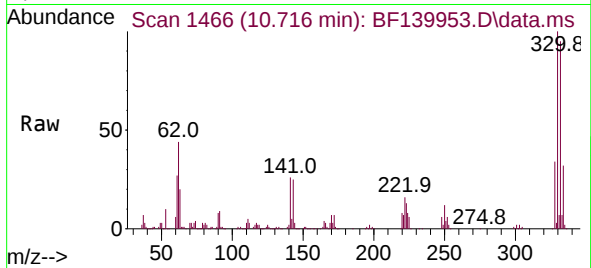
Tgt Ion:164 Resp: 355818
Ion Ratio Lower Upper
164 100
162 100.6 81.0 121.4
160 44.1 35.4 53.0



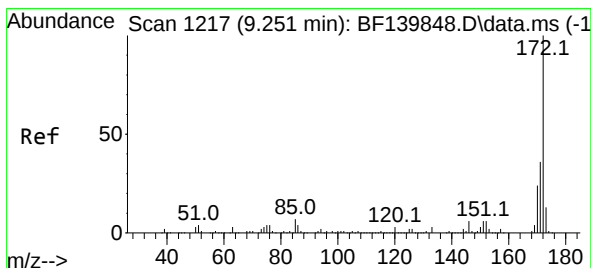
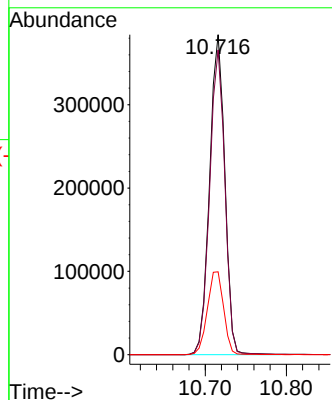
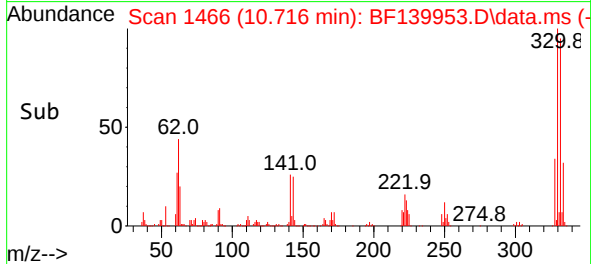


#42
2,4,6-Tribromophenol
Concen: 150.278 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

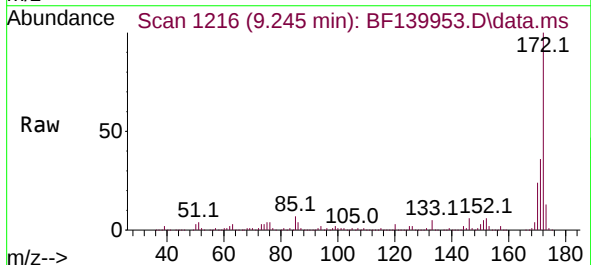
Instrument :
BNA_F
ClientSampleId :
PB164020BL



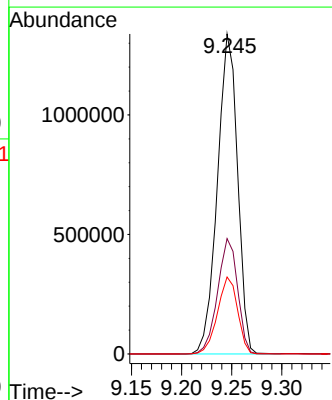
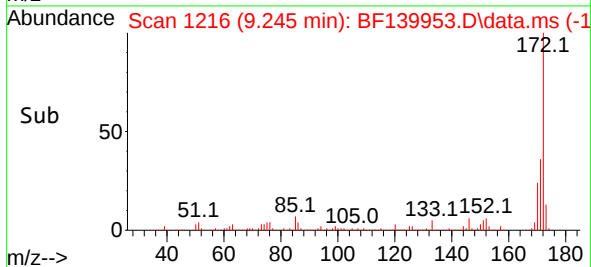
Tgt Ion:330 Resp: 500157
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 27.7 26.6 39.8

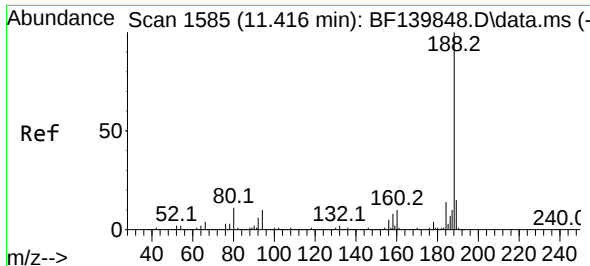


#45
2-Fluorobiphenyl
Concen: 86.864 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48



Tgt Ion:172 Resp: 1870132
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.1 19.1 28.7

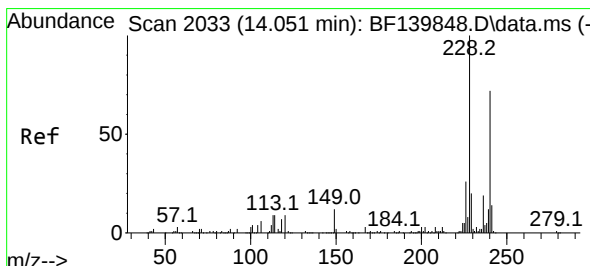
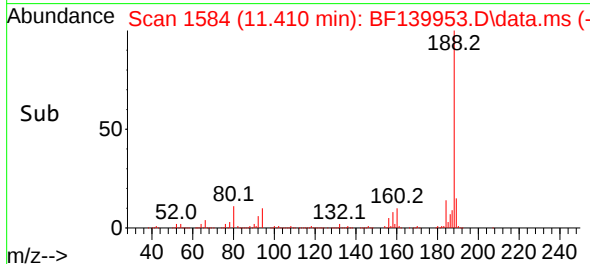
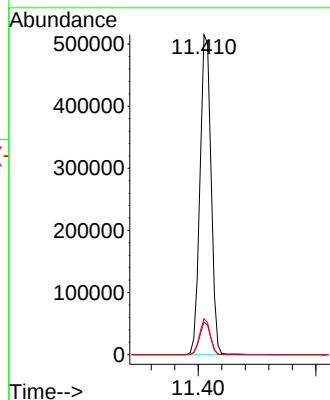
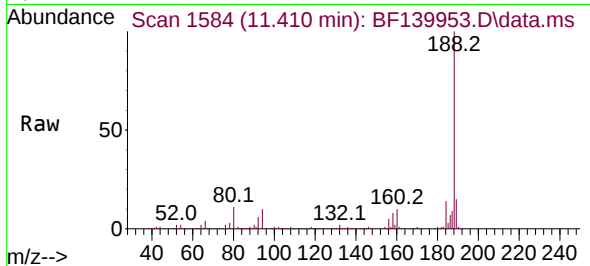




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

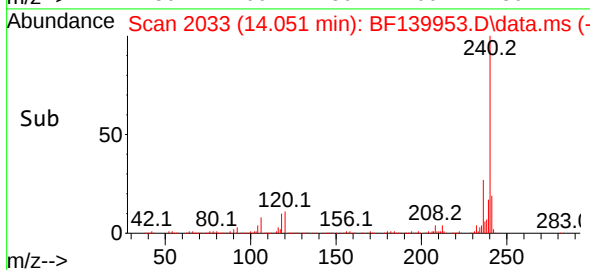
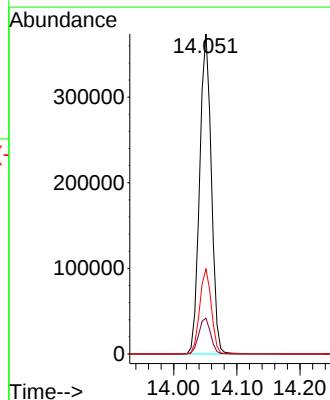
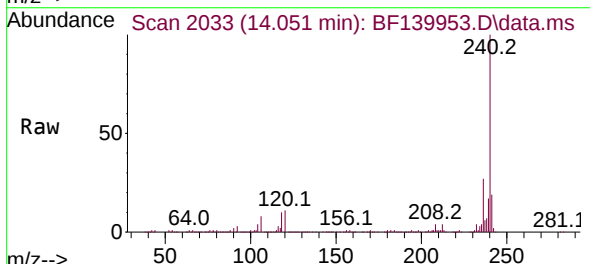
Instrument :
BNA_F
ClientSampleId :
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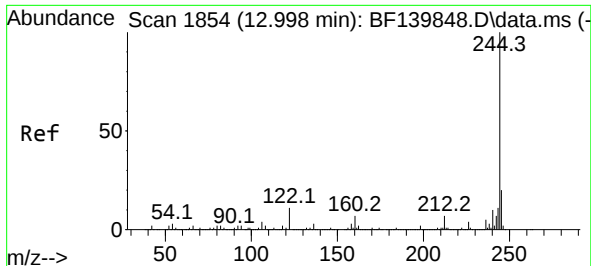
Tgt Ion:188 Resp: 672283
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139953.D
Acq: 23 Oct 2024 09:48

Tgt Ion:240 Resp: 479376
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 26.6 20.9 31.3

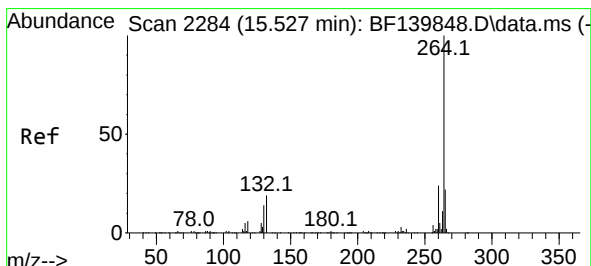
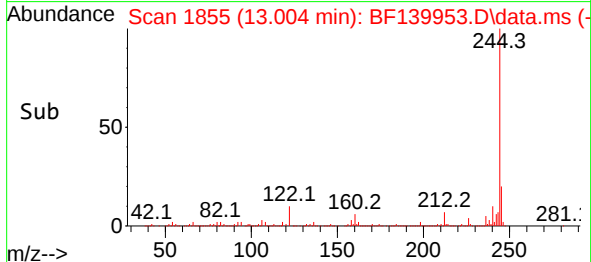
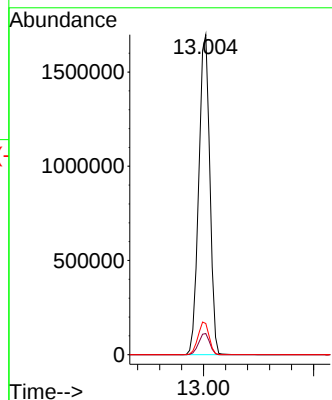
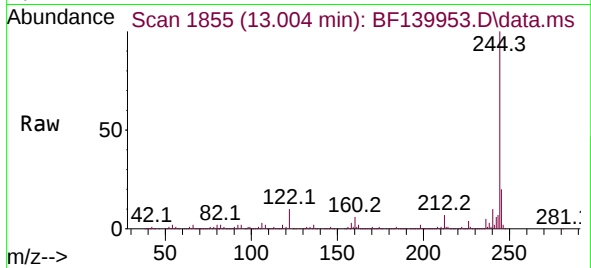




#79
 Terphenyl-d14
 Concen: 80.474 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139953.D
 Acq: 23 Oct 2024 09:48

Instrument :
 BNA_F
 ClientSampleId :
 PB164020BL

Tgt Ion:244 Resp: 2367451
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.7 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: BF139953.D
 Acq: 23 Oct 2024 09:48

Tgt Ion:264 Resp: 375898
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.9 17.4 26.0

