

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139981.D
 Acq On : 23 Oct 2024 23:14
 Operator : RC/JU
 Sample : P4472-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-28

Quant Time: Oct 24 01:13:52 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)

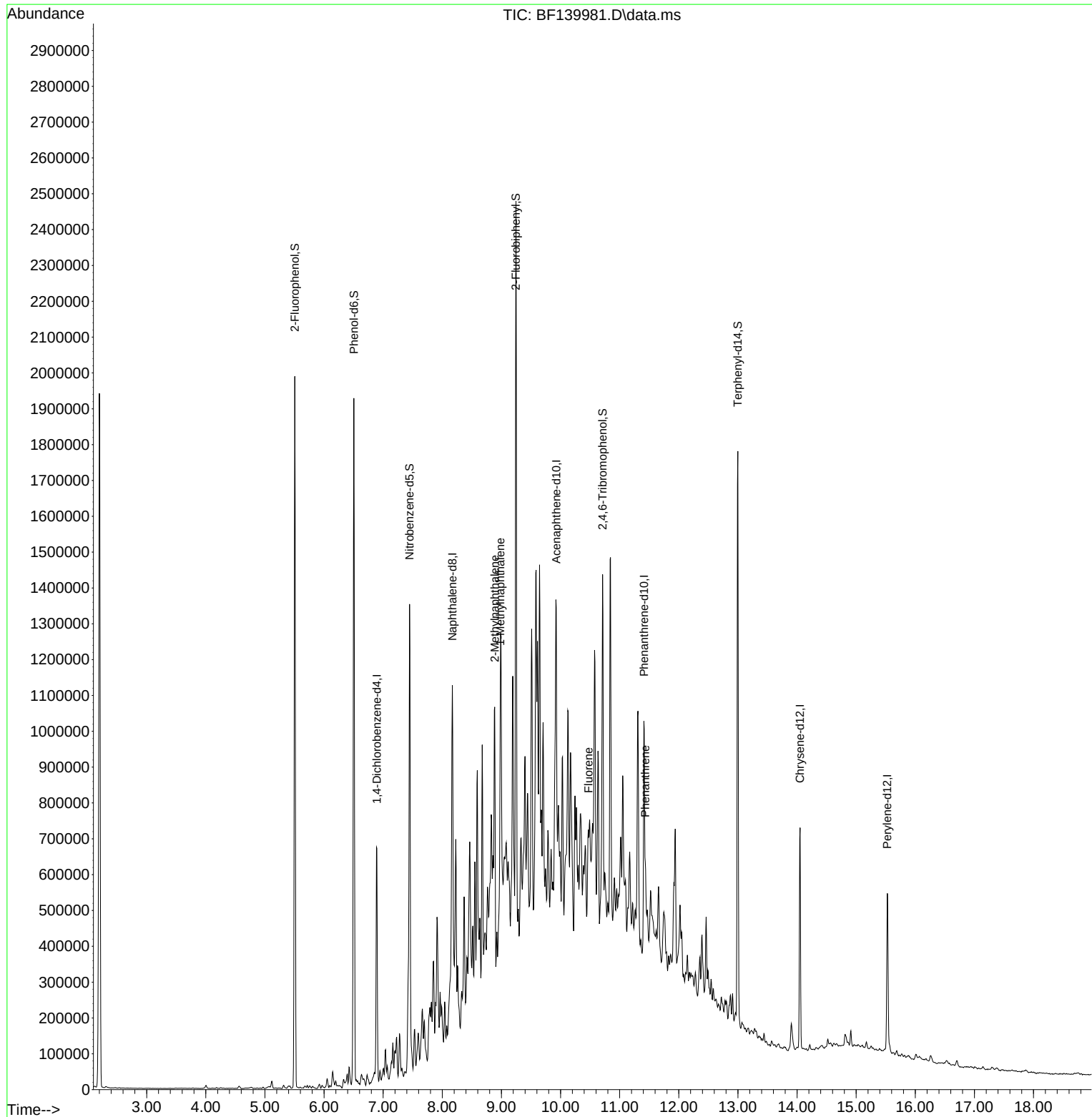
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	131718	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	473412	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	229477	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	332464	20.000	ng	0.00
76) Chrysene-d12	14.051	240	295547	20.000	ng	0.00
86) Perylene-d12	15.527	264	264144	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	717735	85.304	ng	0.00
7) Phenol-d6	6.504	99	893692	82.010	ng	0.00
23) Nitrobenzene-d5	7.445	82	550838	64.488	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	165471	77.090	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	899966	64.816	ng	0.00
79) Terphenyl-d14	12.998	244	800509	44.136	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.887	142	298150	19.939	ng	100
38) 1-Methylnaphthalene	8.981	142	199046	13.568	ng	100
58) Fluorene	10.475	166	43695	3.323	ng	# 78
71) Phenanthrene	11.433	178	129026	8.216	ng	96

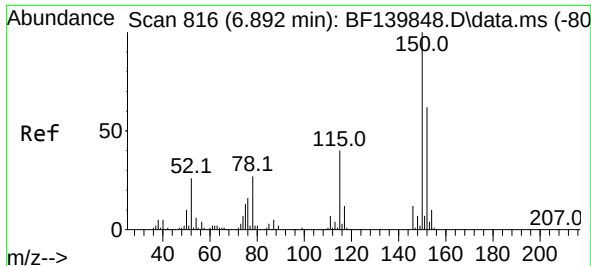
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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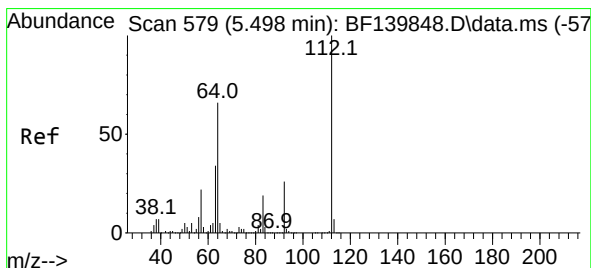
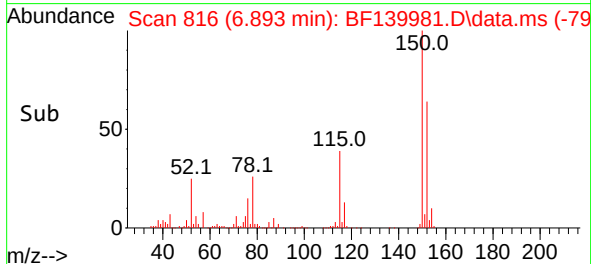
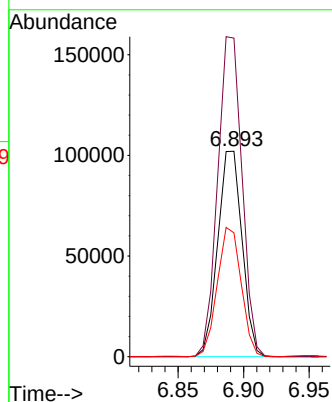
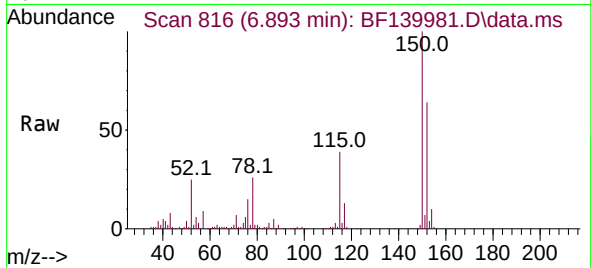




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 81
Delta R.T. 0.001 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

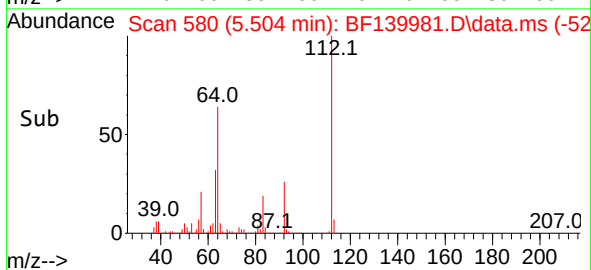
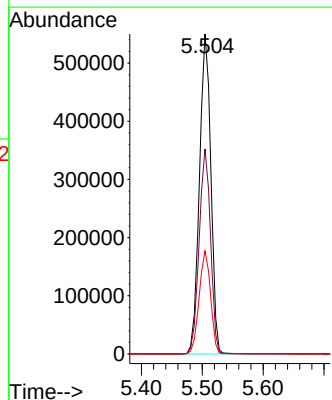
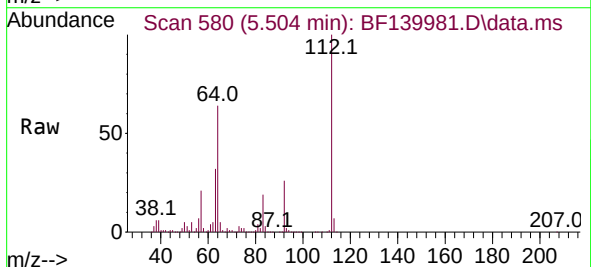
Instrument :
BNA_F
ClientSampleId :
BP-F-28

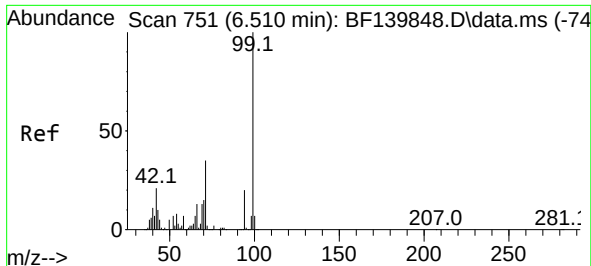
Tgt Ion:152 Resp: 131718
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 60.3 51.4 77.2



#5
2-Fluorophenol
Concen: 85.304 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion:112 Resp: 717735
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 32.2 27.0 40.4

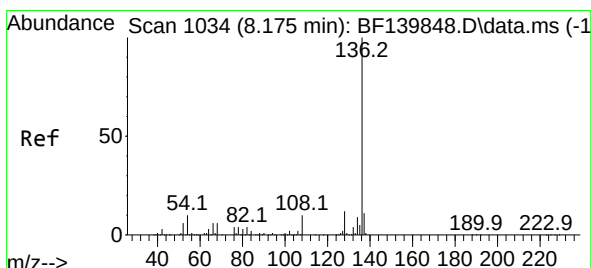
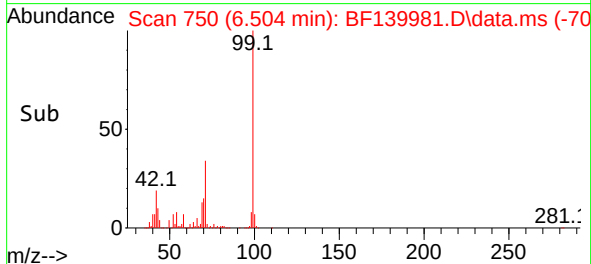
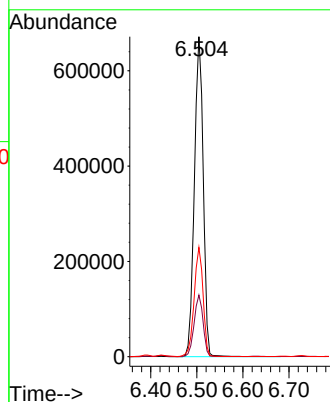
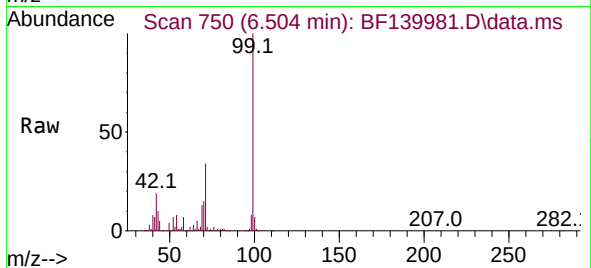




#7
Phenol-d6
Concen: 82.010 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

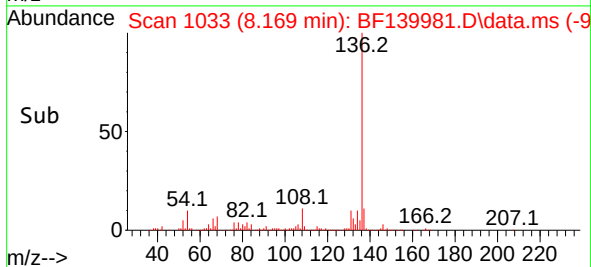
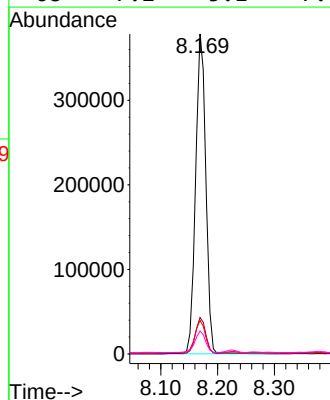
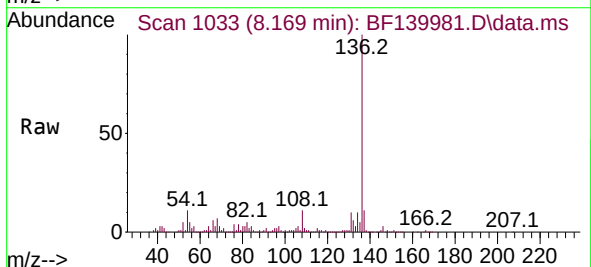
Instrument :
BNA_F
ClientSampleId :
BP-F-28

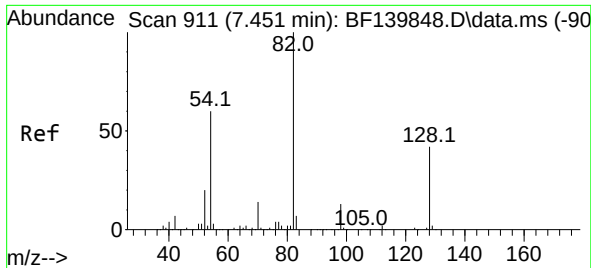
Tgt Ion: 99 Resp: 893692
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 34.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion: 136 Resp: 473412
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.5 8.4 12.6
68 7.2 5.1 7.7

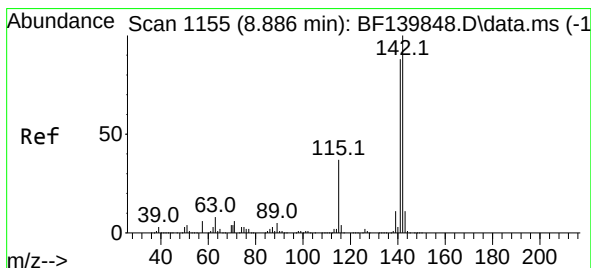
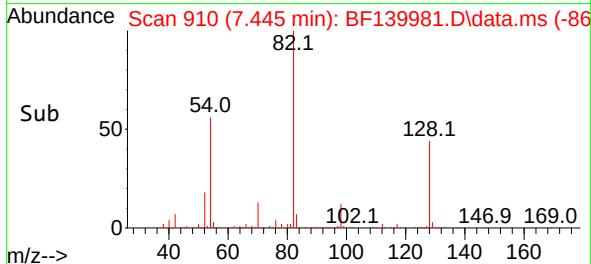
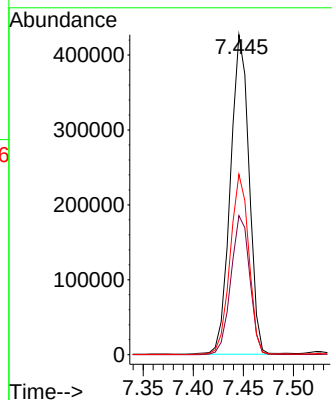
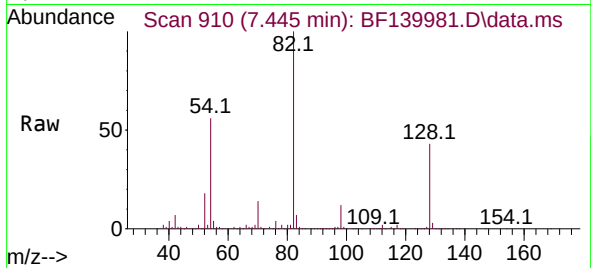




#23
Nitrobenzene-d5
Concen: 64.488 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

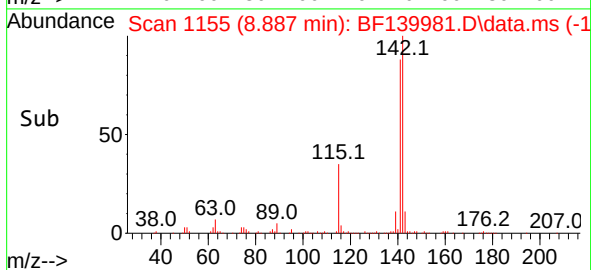
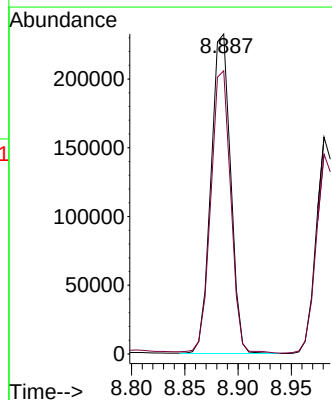
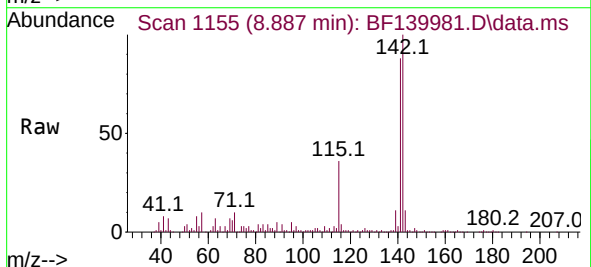
Instrument :
BNA_F
ClientSampleId :
BP-F-28

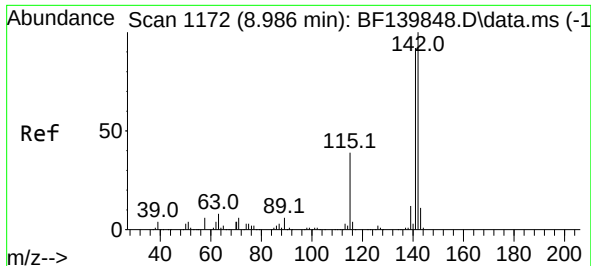
Tgt Ion: 82 Resp: 550838
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.0
54 56.3 47.8 71.8



#37
2-Methylnaphthalene
Concen: 19.939 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion:142 Resp: 298150
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2

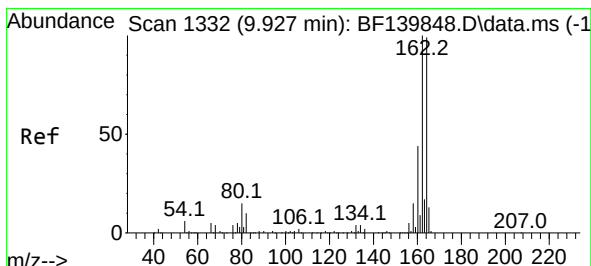
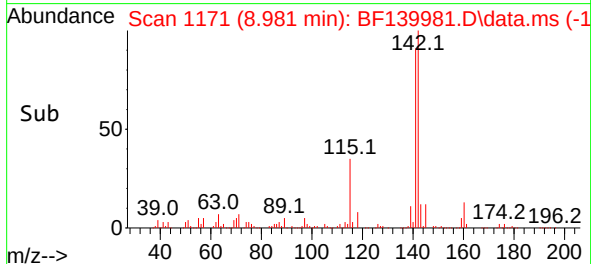
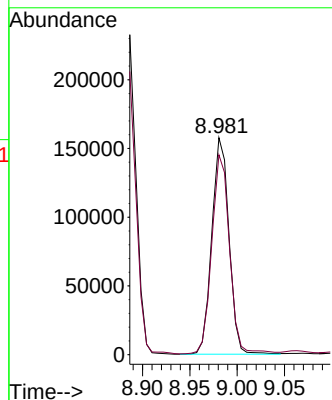
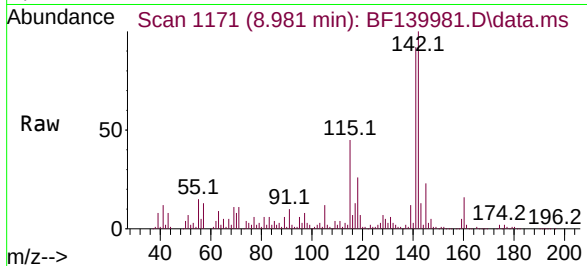




#38
1-Methylnaphthalene
Concen: 13.568 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

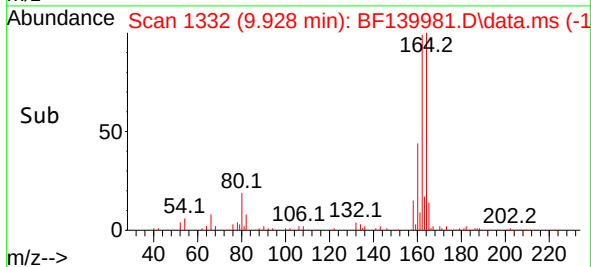
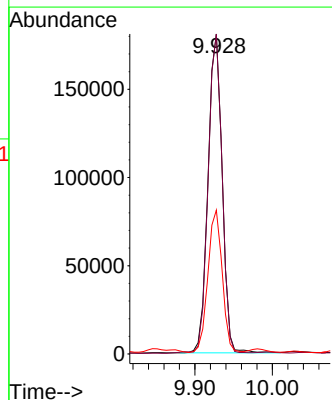
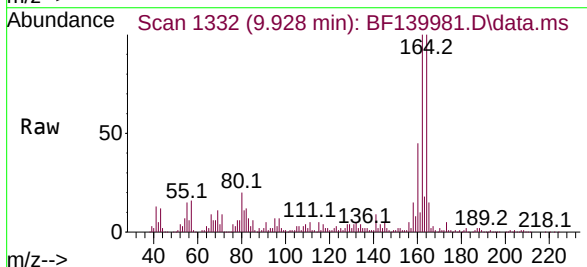
Instrument :
BNA_F
ClientSampleId :
BP-F-28

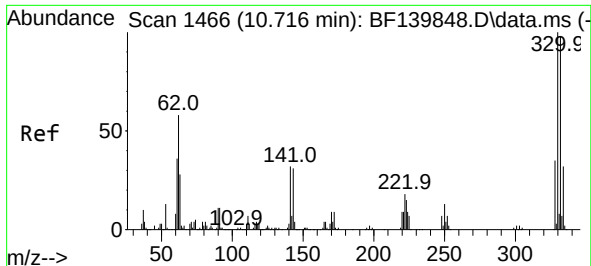
Tgt Ion:142 Resp: 199046
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion:164 Resp: 229477
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 44.9 35.4 53.0

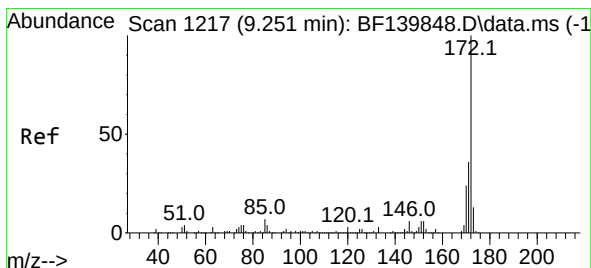
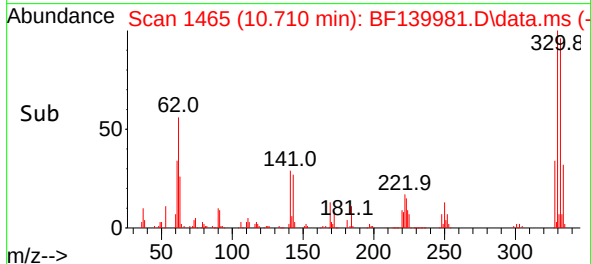
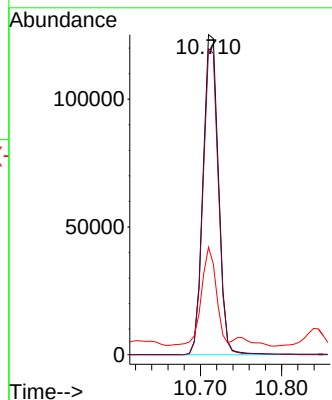
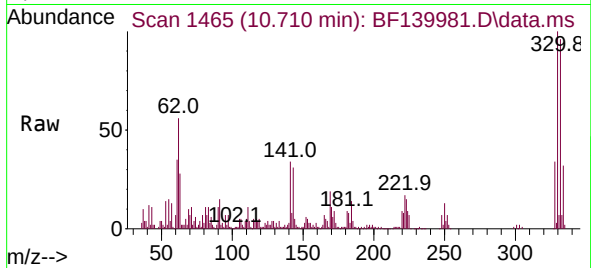




#42
2,4,6-Tribromophenol
Concen: 77.090 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

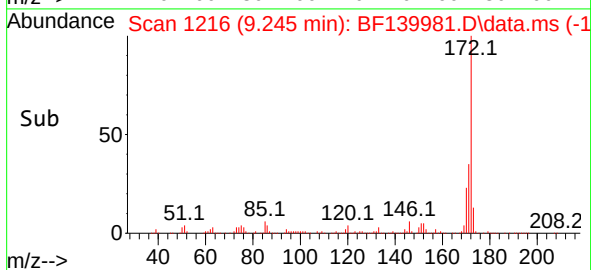
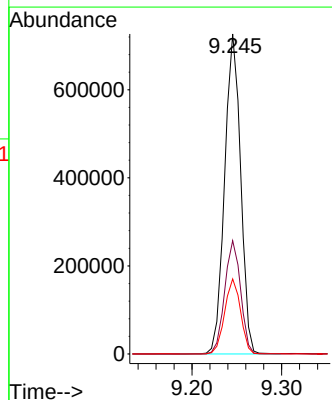
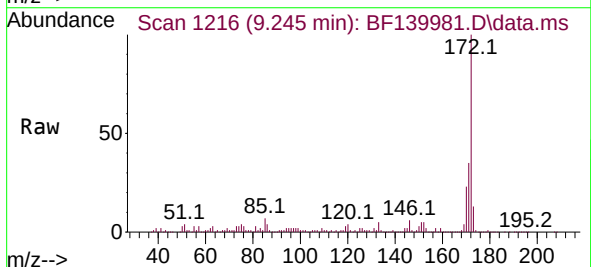
Instrument :
BNA_F
ClientSampleId :
BP-F-28

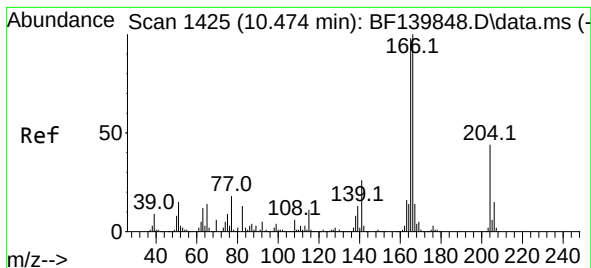
Tgt Ion:330 Resp: 165471
Ion Ratio Lower Upper
330 100
332 95.3 78.1 117.1
141 29.3 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 64.816 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion:172 Resp: 899966
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.4 19.1 28.7





#58

Fluorene

Concen: 3.323 ng

RT: 10.475 min Scan# 1425

Delta R.T. 0.000 min

Lab File: BF139981.D

Acq: 23 Oct 2024 23:14

Instrument :

BNA_F

ClientSampleId :

BP-F-28

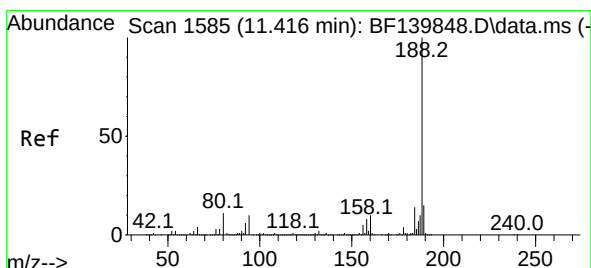
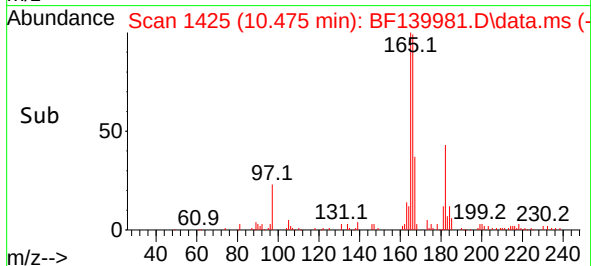
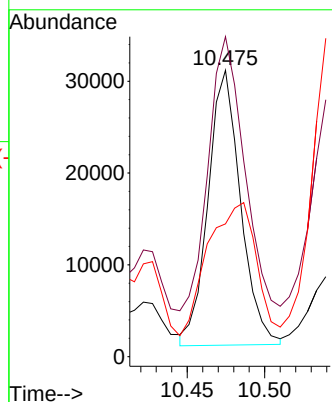
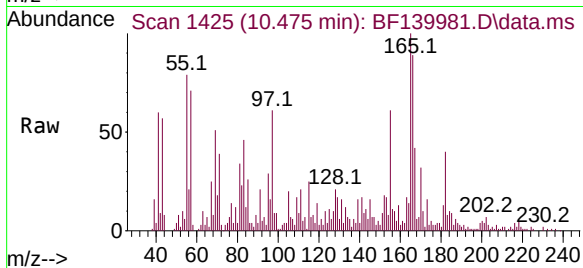
Tgt Ion:166 Resp: 43695

Ion Ratio Lower Upper

166 100

165 111.7 78.5 117.7

167 46.4 10.9 16.3#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139981.D

Acq: 23 Oct 2024 23:14

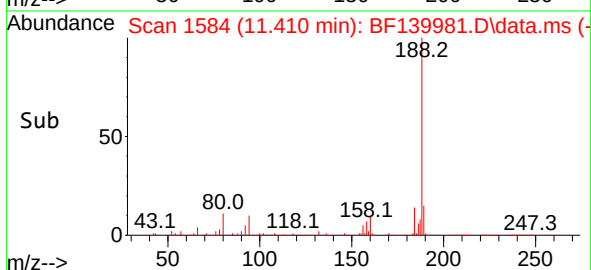
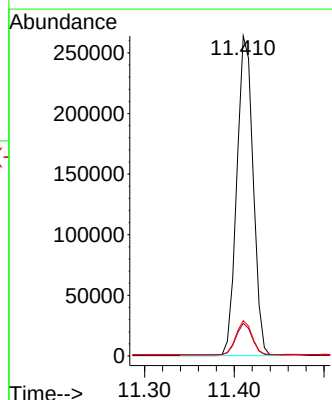
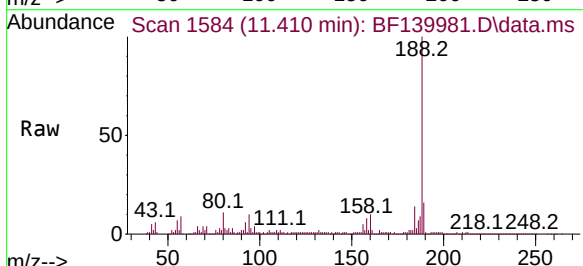
Tgt Ion:188 Resp: 332464

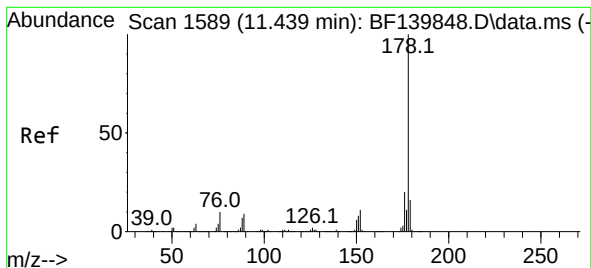
Ion Ratio Lower Upper

188 100

94 10.2 7.9 11.9

80 11.0 9.0 13.4





#71

Phenanthrene

Concen: 8.216 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139981.D

Acq: 23 Oct 2024 23:14

Instrument :

BNA_F

ClientSampleId :

BP-F-28

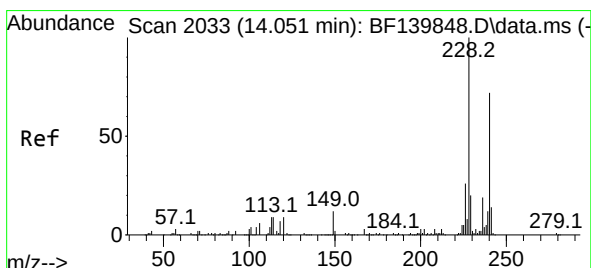
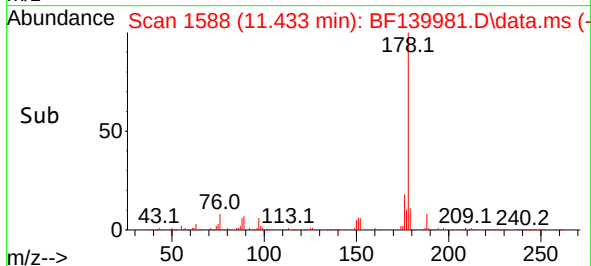
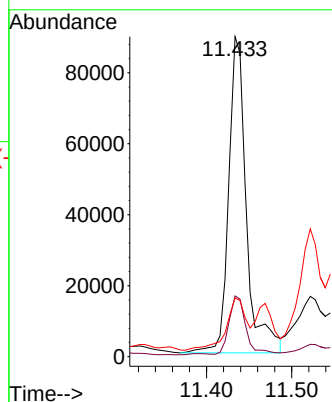
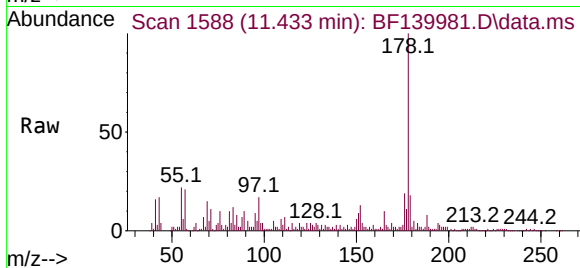
Tgt Ion:178 Resp: 129026

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

179 18.4 12.6 18.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139981.D

Acq: 23 Oct 2024 23:14

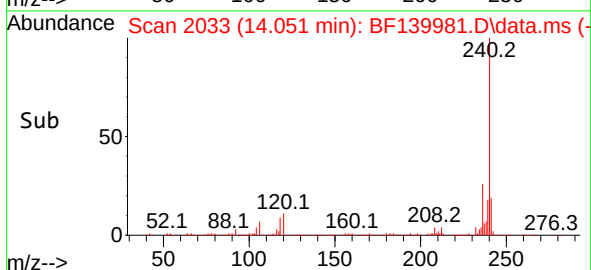
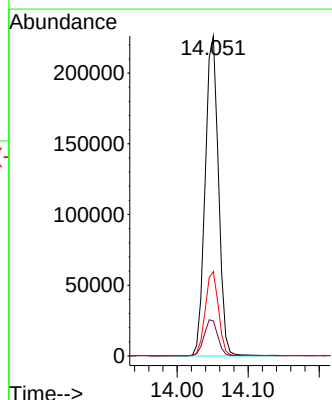
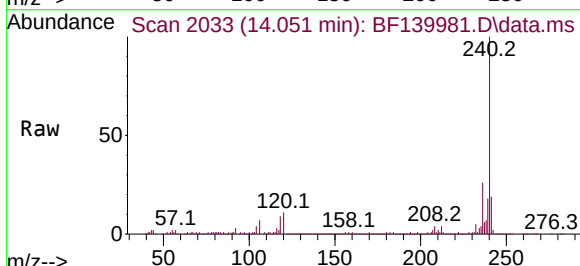
Tgt Ion:240 Resp: 295547

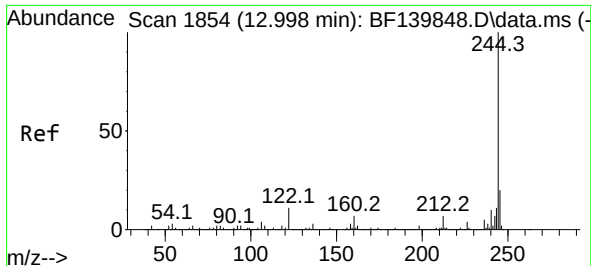
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 26.4 20.9 31.3

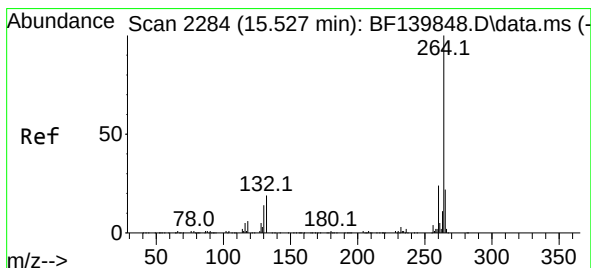
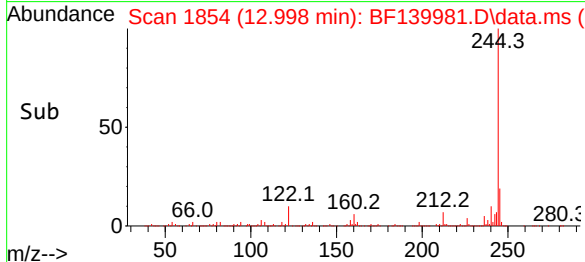
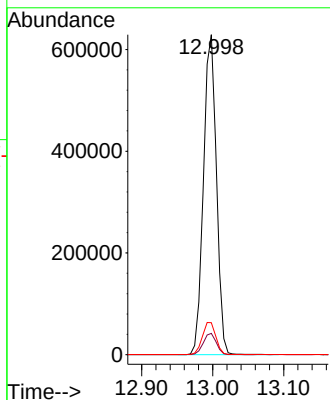
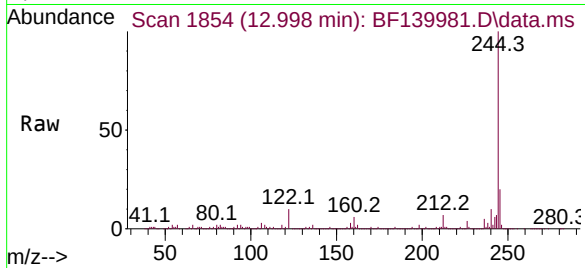




#79
 Terphenyl-d14
 Concen: 44.136 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139981.D
 Acq: 23 Oct 2024 23:14

Instrument :
 BNA_F
 ClientSampleId :
 BP-F-28

Tgt Ion:244 Resp: 800509
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 10.0 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: BF139981.D
 Acq: 23 Oct 2024 23:14

Tgt Ion:264 Resp: 264144
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.6 17.4 26.0

