

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)

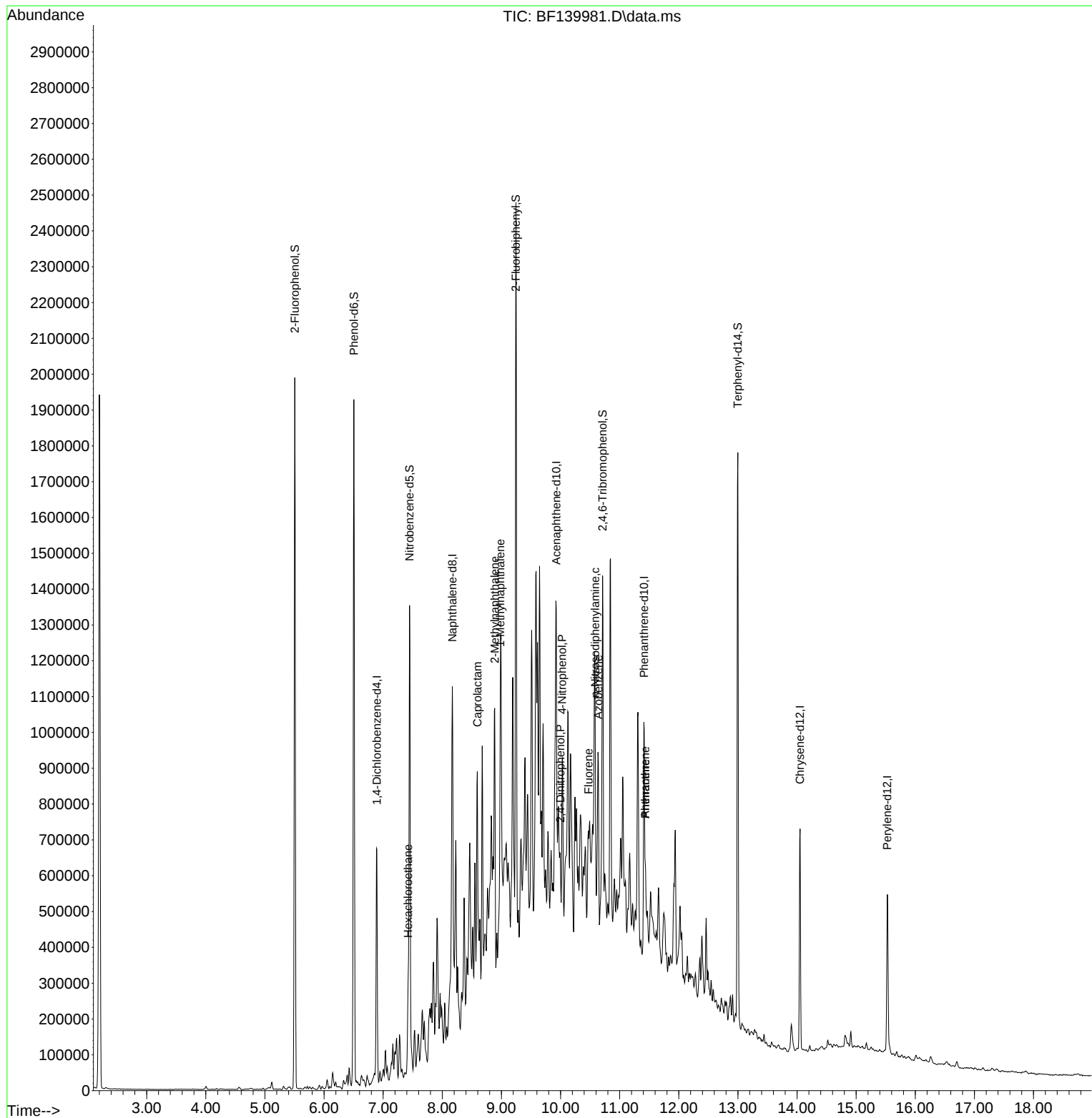
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	131718	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	473412	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	229477	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	332464	20.000	ng	0.00
76) Chrysene-d12	14.051	240	295547	20.000	ng	0.00
86) Perylene-d12	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
18) Hexachloroethane	7.422	117	14809	4.210	ng	# 1
35) Caprolactam	8.592	113	16599	7.780	ng	# 13
37) 2-Methylnaphthalene	8.887	142	298150	19.939	ng	100
38) 1-Methylnaphthalene	8.981	142	199046	13.568	ng	100
54) 2,4-Dinitrophenol	9.998	184	129	6.620	ng	# 1
56) 4-Nitrophenol	10.028	139	12045	4.905	ng	# 61
58) Fluorene	10.475	166	43695	3.323	ng	# 78
63) Azobenzene	10.639	77	89215	5.996	ng	# 1
66) n-Nitrosodiphenylamine	10.586	169	71659	7.202	ng	# 56
71) Phenanthrene	11.433	178	129026	8.216	ng	96
72) Anthracene	11.433	178	129026	8.421	ng	97

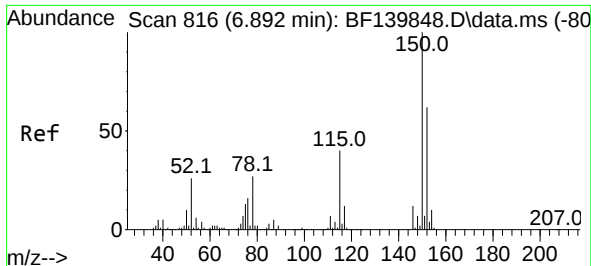
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
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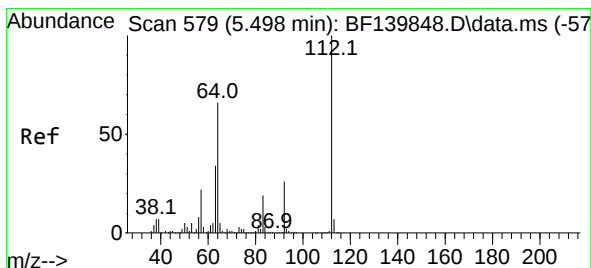
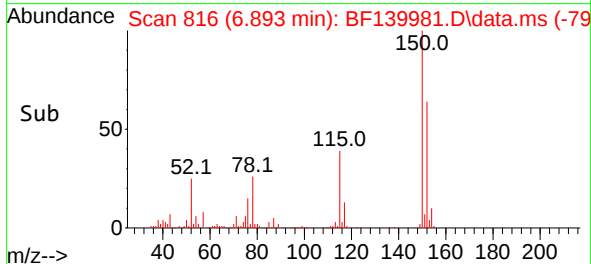
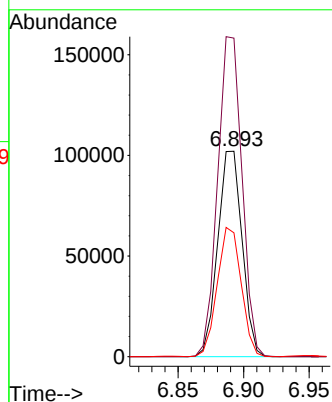
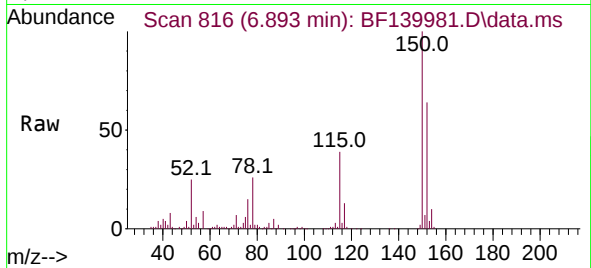




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

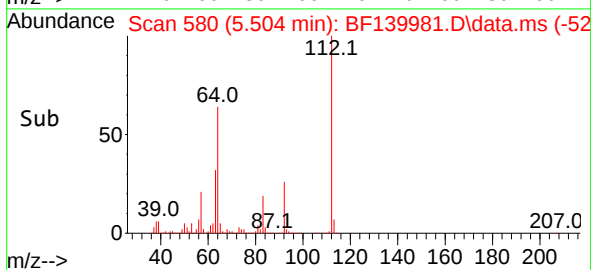
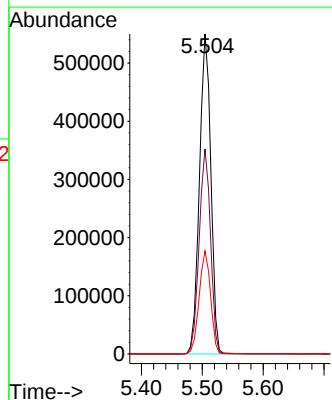
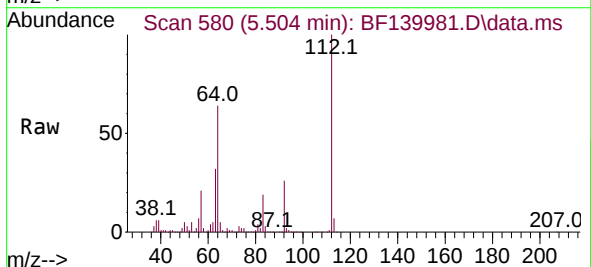
Instrument :
BNA_F
ClientSampleId :
BP-F-28

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

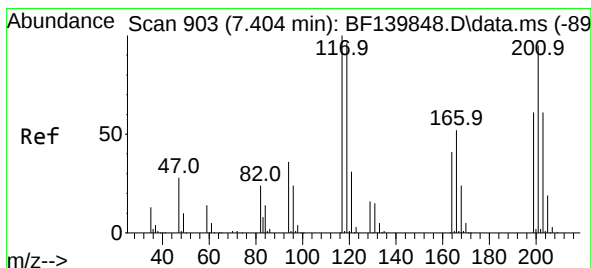
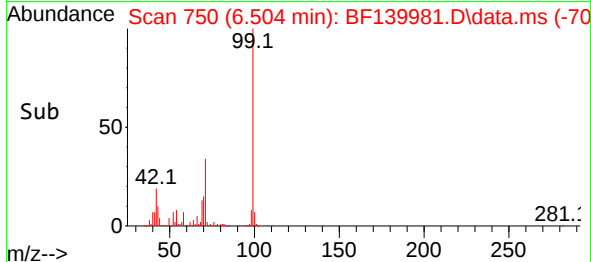
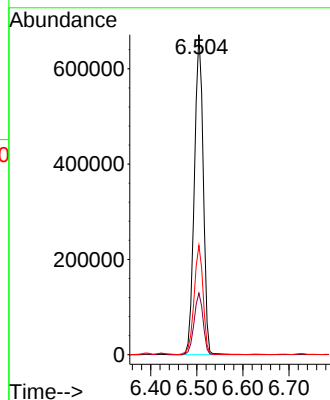
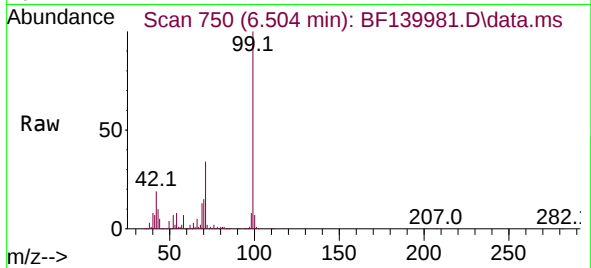




#7
Phenol-d6
Concen: 82.010 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

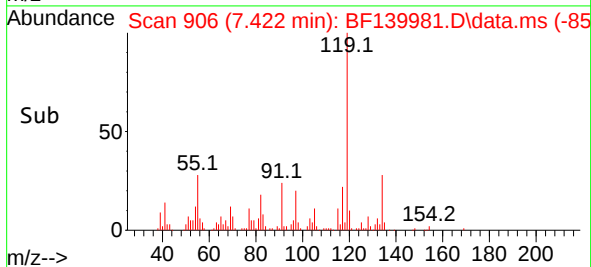
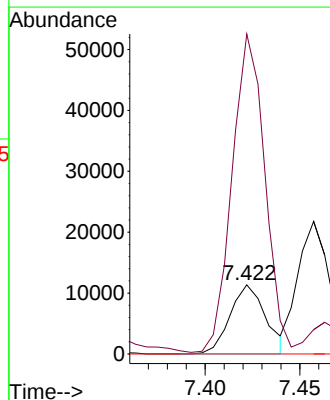
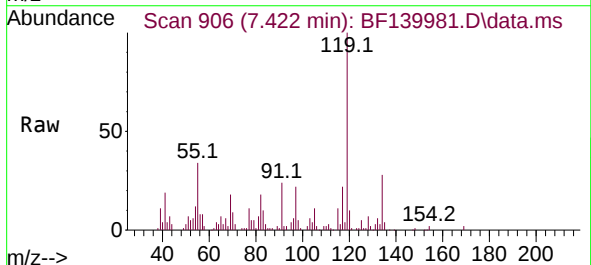
Instrument :
BNA_F
ClientSampleId :
BP-F-28

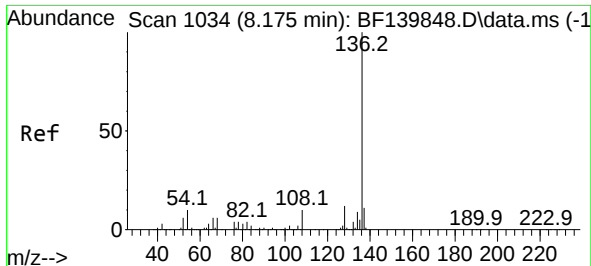
Tgt Ion: 99 Resp: 893692
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 34.1 27.7 41.5



#18
Hexachloroethane
Concen: 4.210 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.018 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion: 117 Resp: 14809
Ion Ratio Lower Upper
117 100
119 463.2 77.0 115.4#
201 0.0 76.2 114.4#



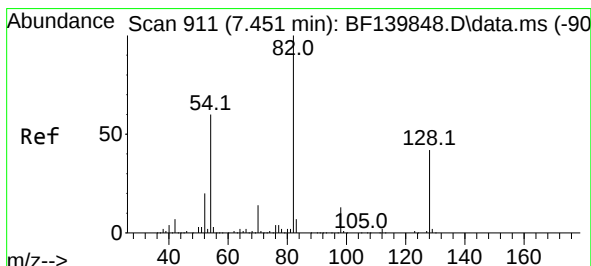
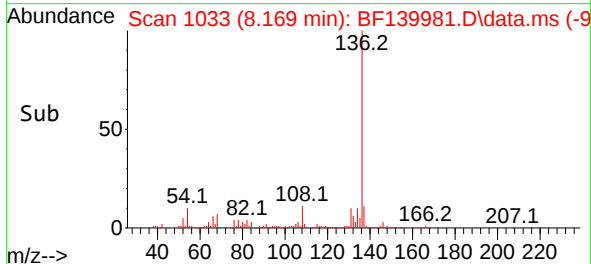
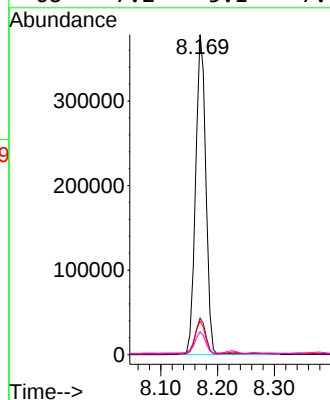
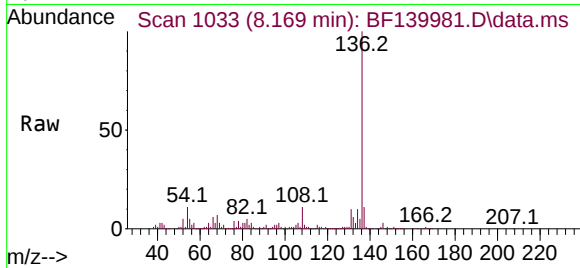


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Instrument :
BNA_F
ClientSampleId :
BP-F-28

Tgt Ion:136 Resp: 473412

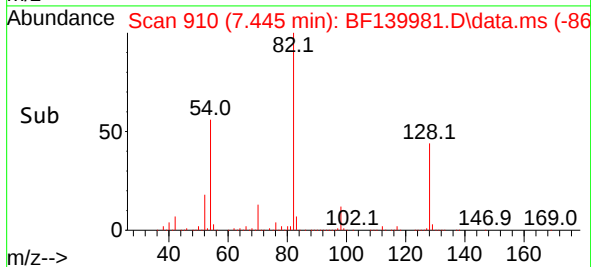
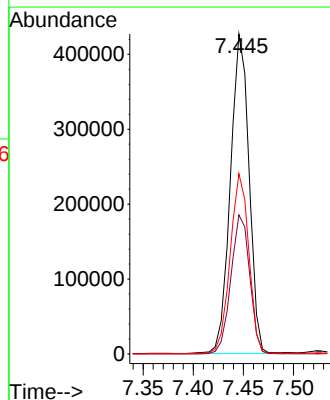
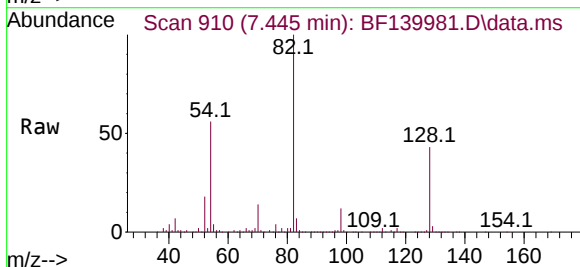
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	10.5	8.4	12.6
68	7.2	5.1	7.7

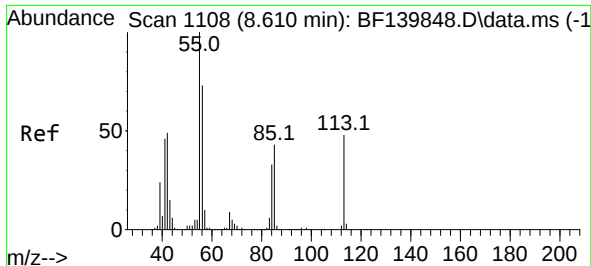


#23
Nitrobenzene-d5
Concen: 64.488 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

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

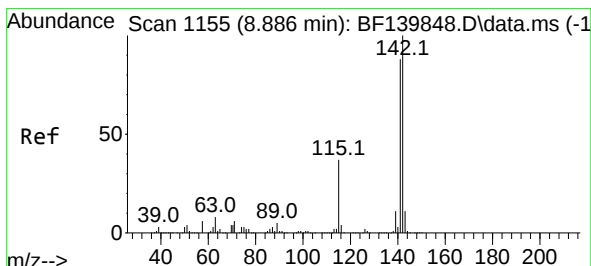
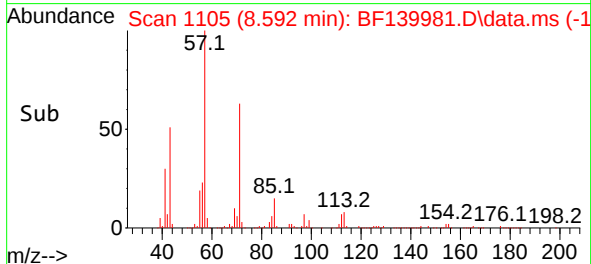
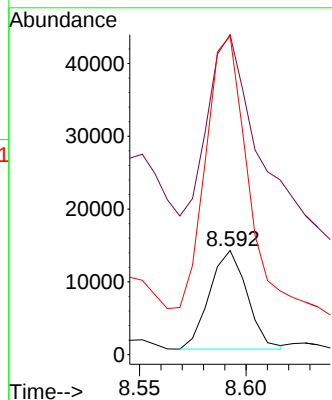
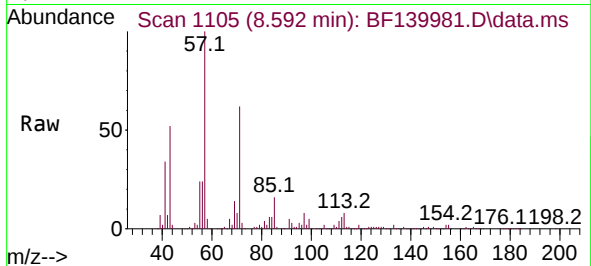




#35
Caprolactam
Concen: 7.780 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.017 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

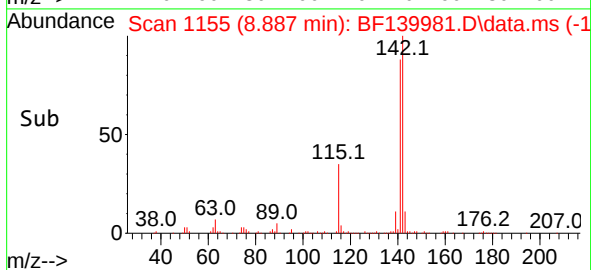
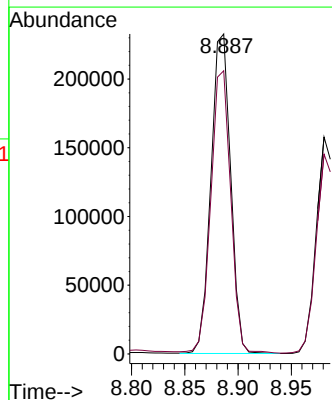
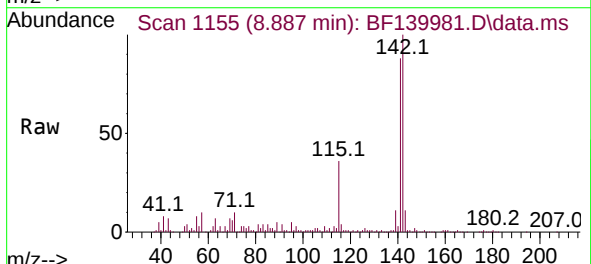
Instrument :
BNA_F
ClientSampleId :
BP-F-28

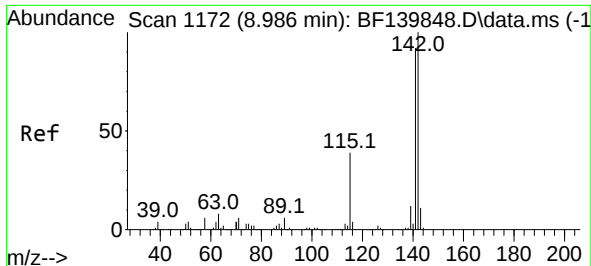
Tgt Ion:113 Resp: 16599
Ion Ratio Lower Upper
113 100
55 307.1 189.2 229.2#
56 306.0 132.5 172.5#



#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

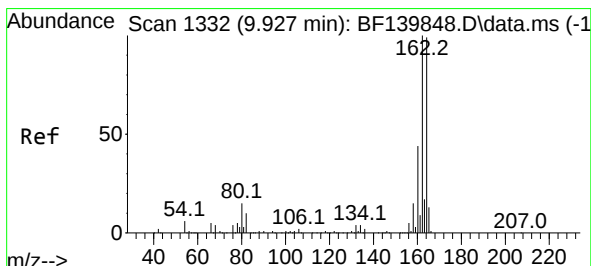
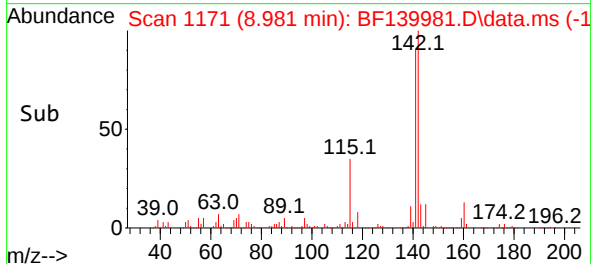
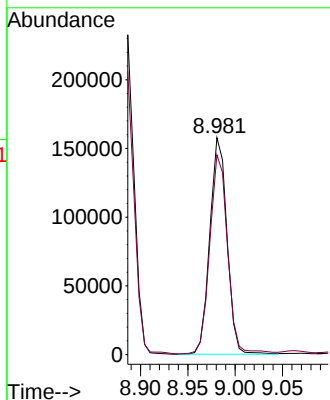
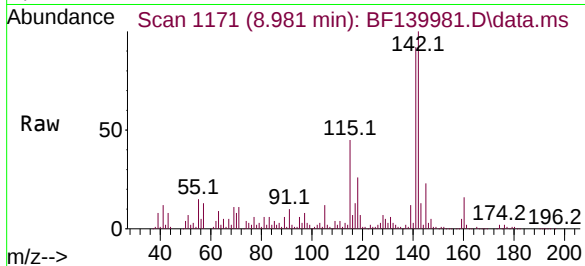




#38
1-Methylnaphthalene
Concen: 13.568 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

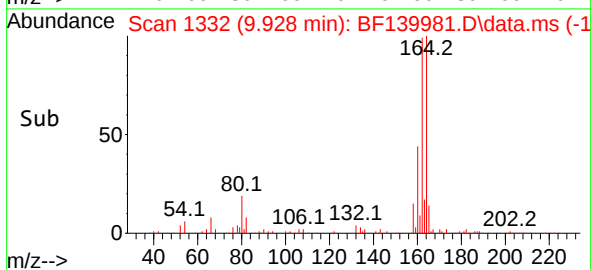
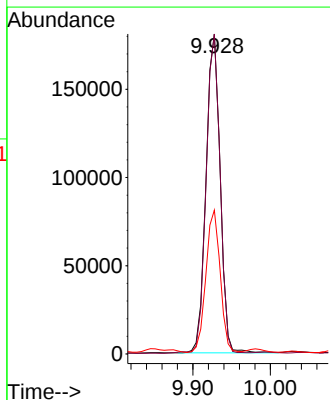
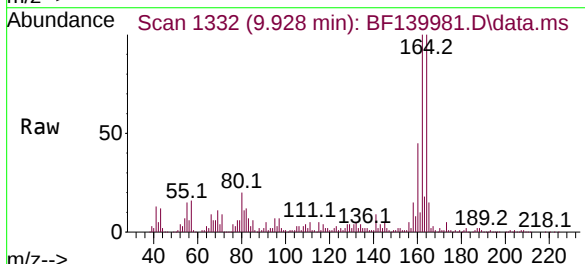
Instrument :
BNA_F
ClientSampleId :
BP-F-28

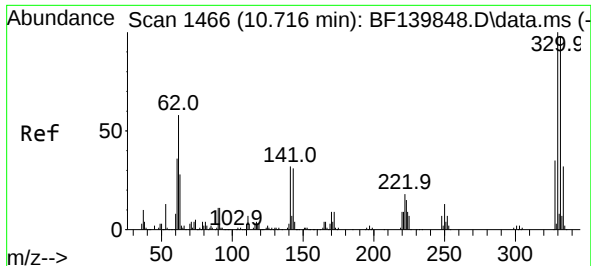
Tgt Ion:142 Resp: 199046
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3



#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

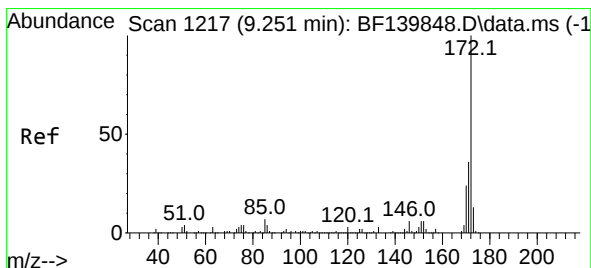
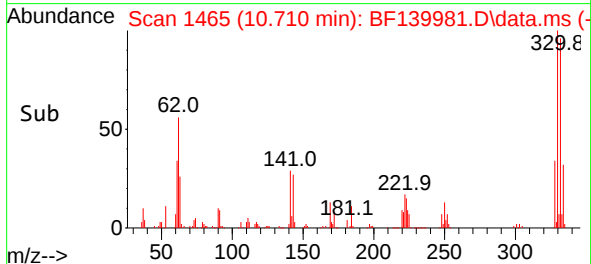
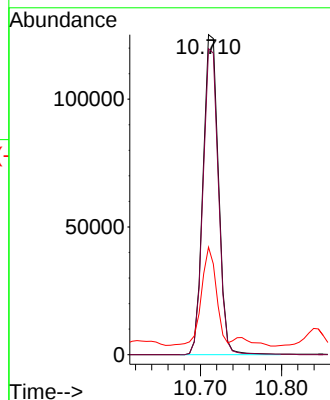
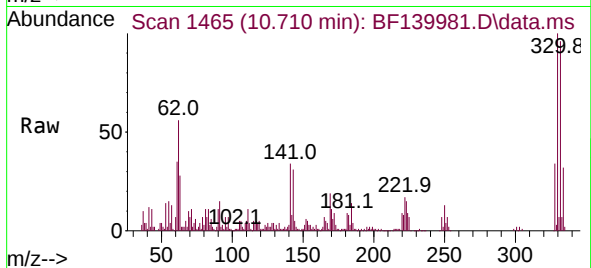
Tgt Ion:330 Resp: 165471

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

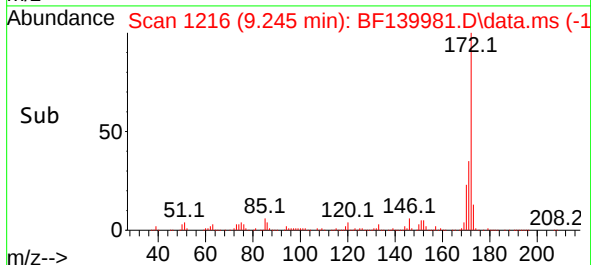
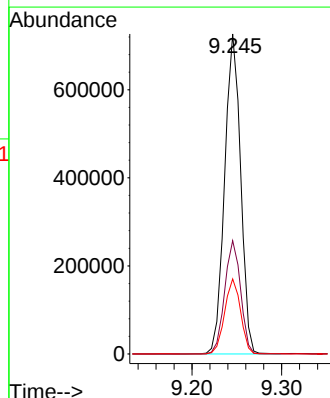
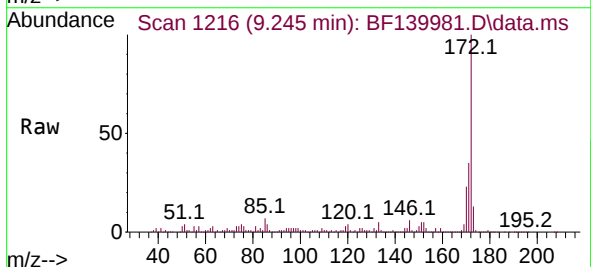
Tgt Ion:172 Resp: 899966

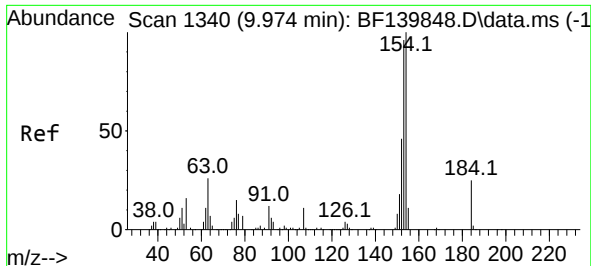
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.4 19.1 28.7

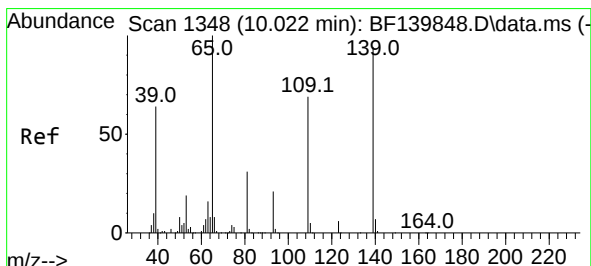
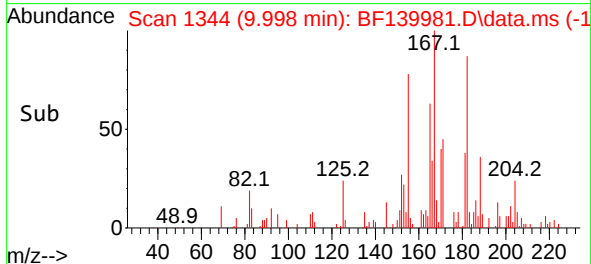
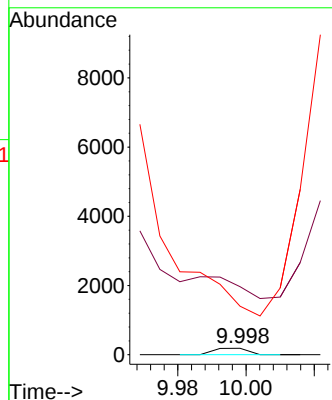
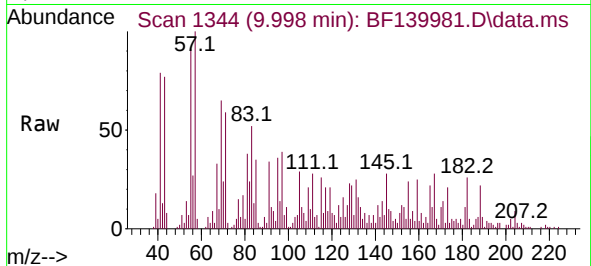




#54
2,4-Dinitrophenol
Concen: 6.620 ng
RT: 9.998 min Scan# 1344
Delta R.T. 0.024 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

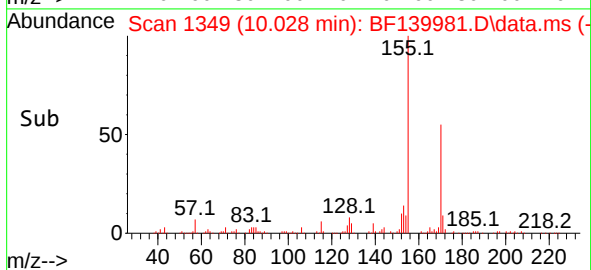
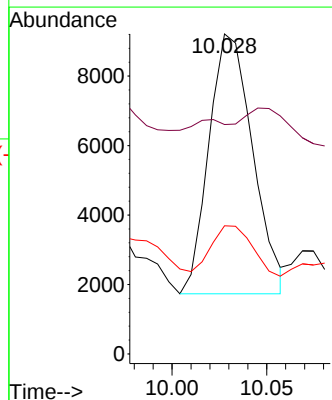
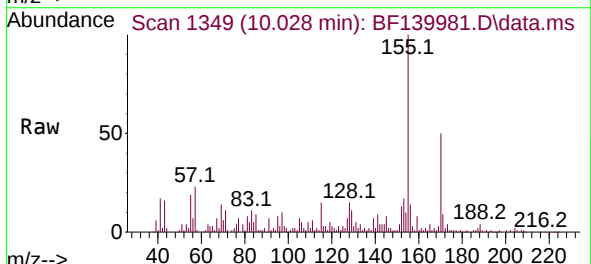
Instrument :
BNA_F
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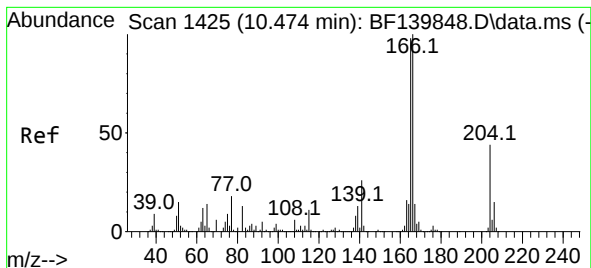
Tgt Ion:184 Resp: 129
Ion Ratio Lower Upper
184 100
63 1050.3 84.7 127.1#
154 750.8 338.2 507.2#



#56
4-Nitrophenol
Concen: 4.905 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion:139 Resp: 12045
Ion Ratio Lower Upper
139 100
109 71.7 53.6 93.6
65 40.1 87.8 127.8#





#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

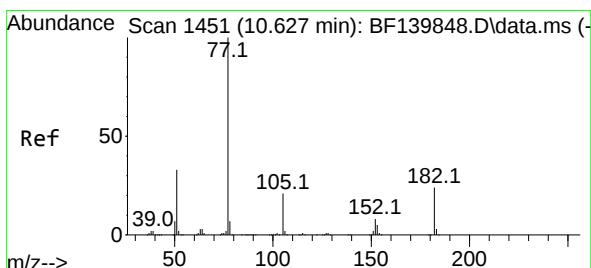
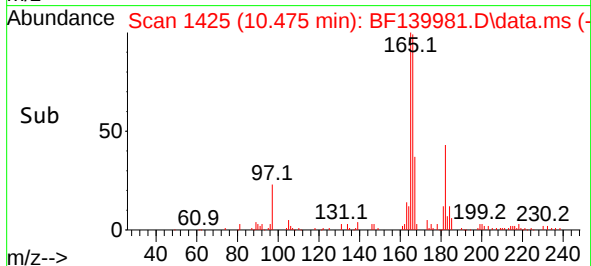
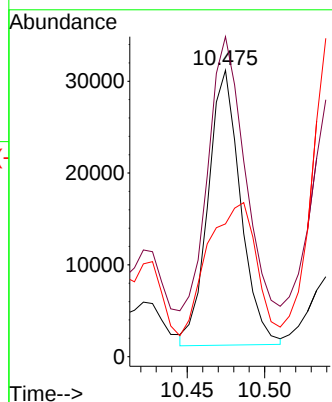
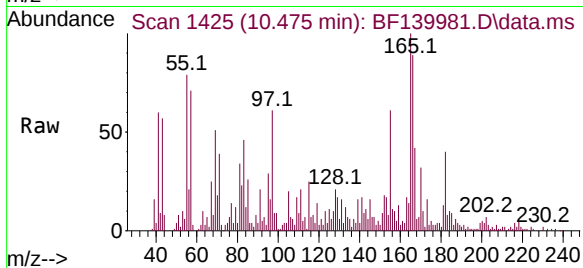
Tgt Ion:166 Resp: 43695

Ion Ratio Lower Upper

166 100

165 111.7 78.5 117.7

167 46.4 10.9 16.3#



#63

Azobenzene

Concen: 5.996 ng

RT: 10.639 min Scan# 1453

Delta R.T. 0.012 min

Lab File: BF139981.D

Acq: 23 Oct 2024 23:14

Tgt Ion: 77 Resp: 89215

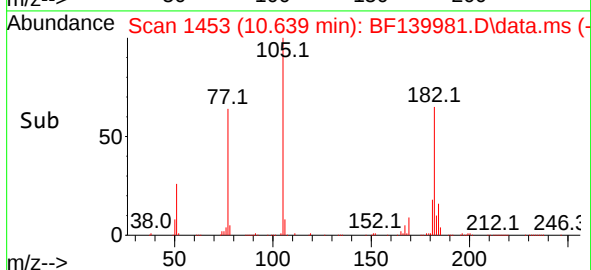
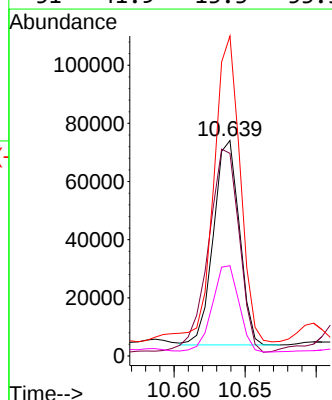
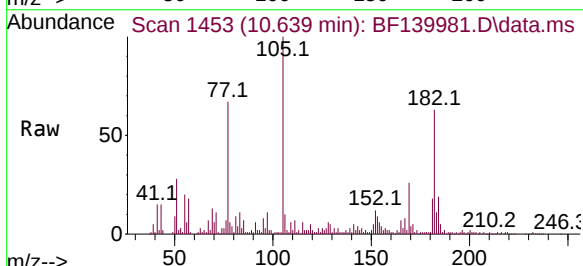
Ion Ratio Lower Upper

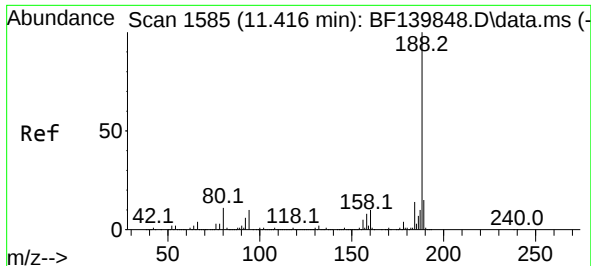
77 100

182 94.0 3.3 43.3#

105 148.6 1.2 41.2#

51 41.9 13.3 53.3

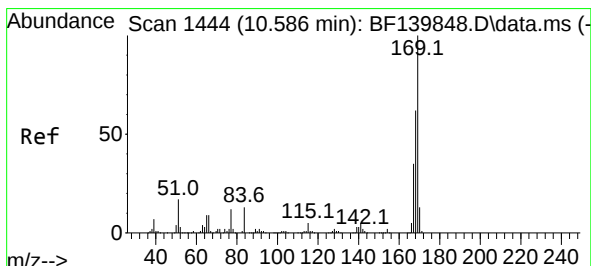
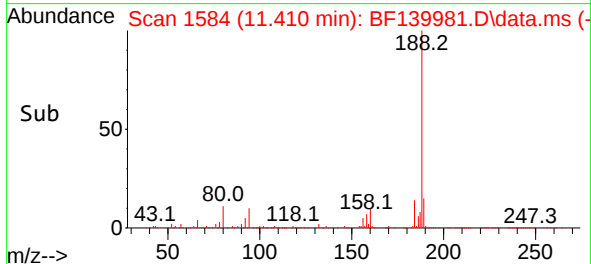
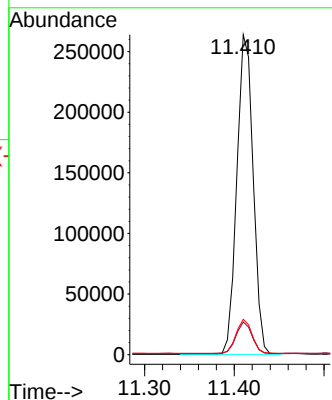
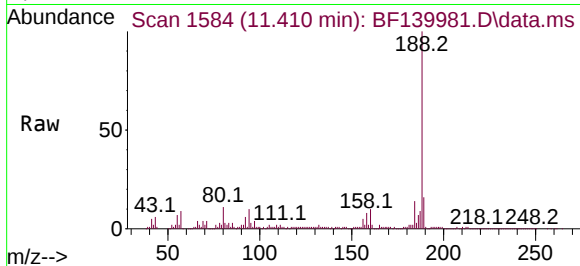




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

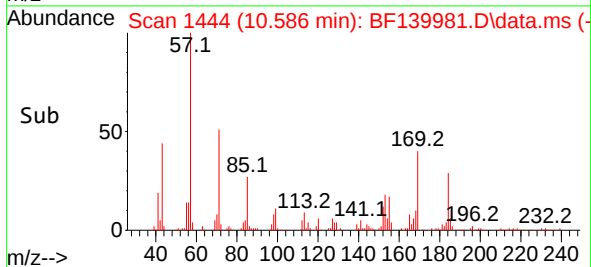
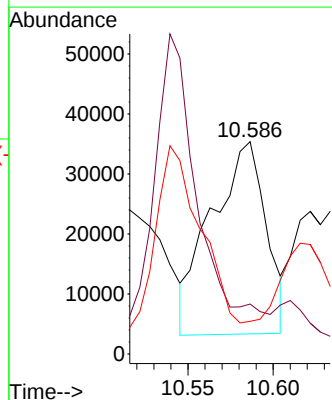
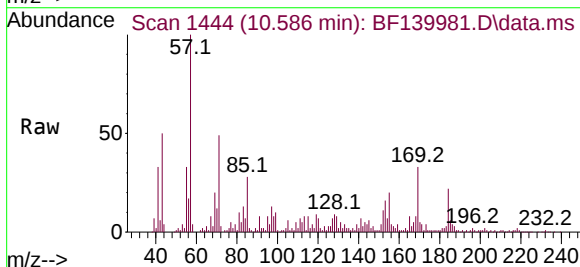
Instrument :
BNA_F
ClientSampleId :
BP-F-28

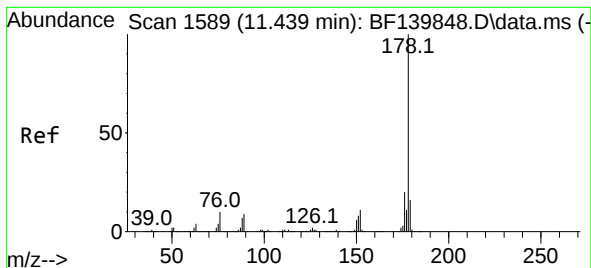
Tgt Ion:188 Resp: 332464
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.0 9.0 13.4



#66
n-Nitrosodiphenylamine
Concen: 7.202 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

Tgt Ion:169 Resp: 71659
Ion Ratio Lower Upper
169 100
168 23.5 49.8 74.6#
167 15.4 28.0 42.0#





#71

Phenanthrene

Concen: 8.216 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.006 min

Lab File: BF139981.D

Acq: 23 Oct 2024 23:14

Instrument :

BNA_F

ClientSampleId :

BP-F-28

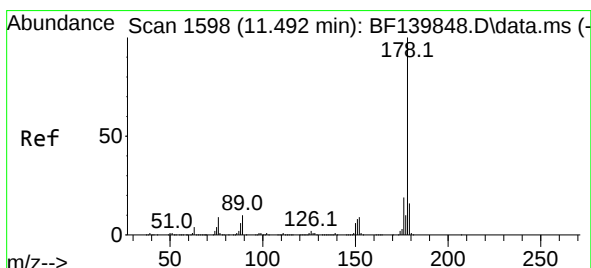
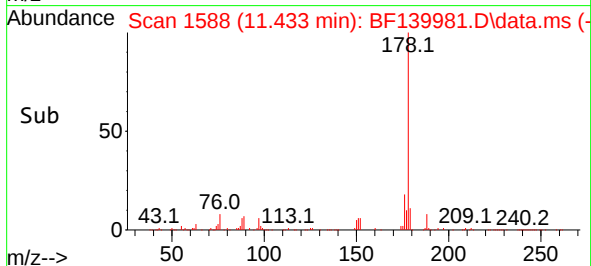
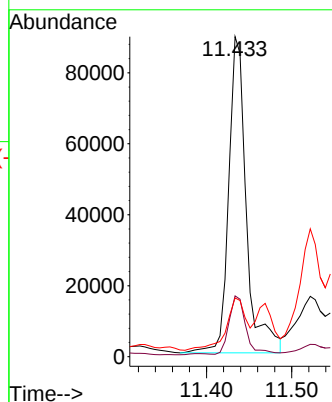
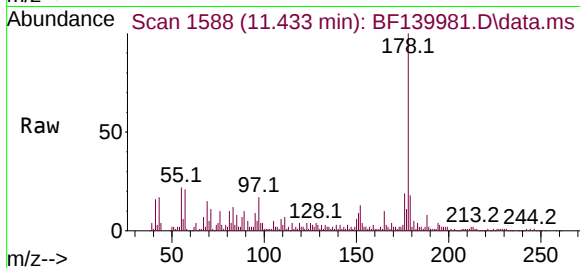
Tgt Ion:178 Resp: 129026

Ion Ratio Lower Upper

178 100

176 19.0 15.8 23.6

179 18.4 12.6 18.8



#72

Anthracene

Concen: 8.421 ng

RT: 11.433 min Scan# 1588

Delta R.T. -0.059 min

Lab File: BF139981.D

Acq: 23 Oct 2024 23:14

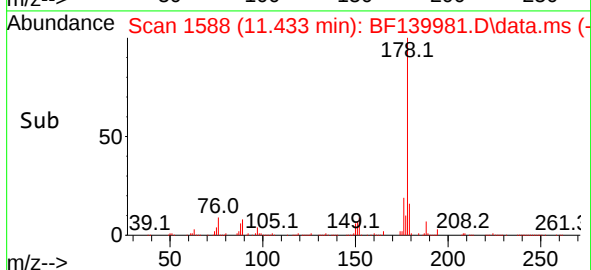
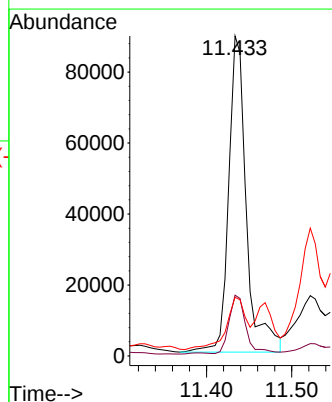
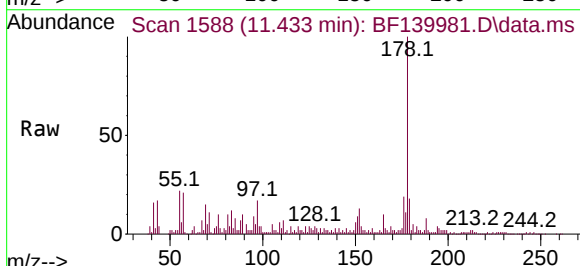
Tgt Ion:178 Resp: 129026

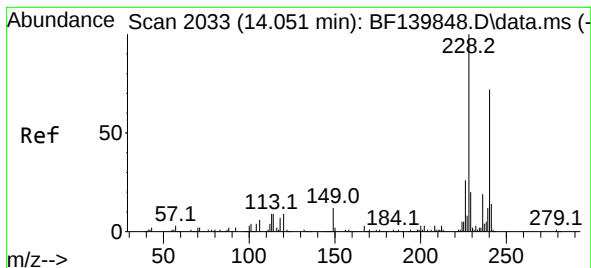
Ion Ratio Lower Upper

178 100

176 19.0 15.3 22.9

179 18.4 12.4 18.6

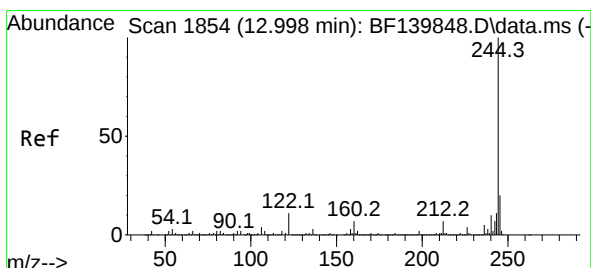
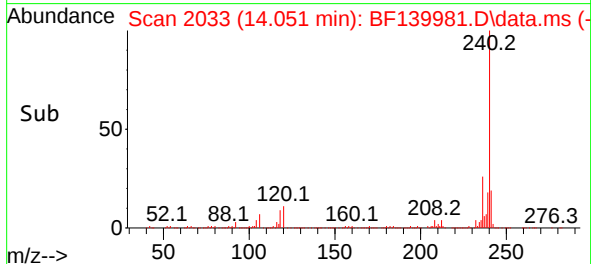
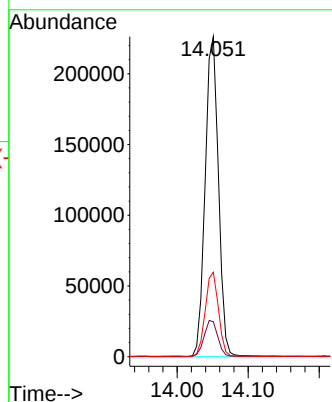
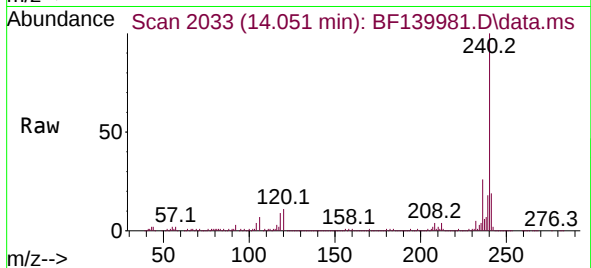




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139981.D
Acq: 23 Oct 2024 23:14

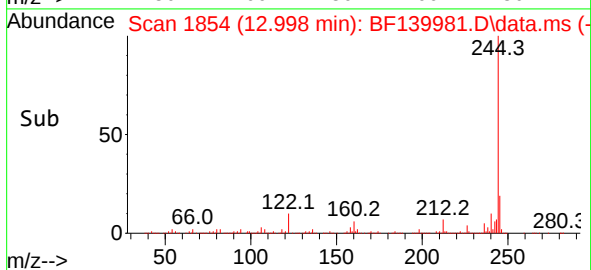
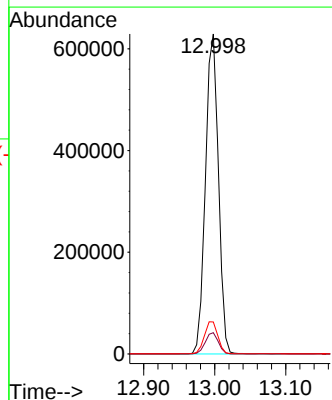
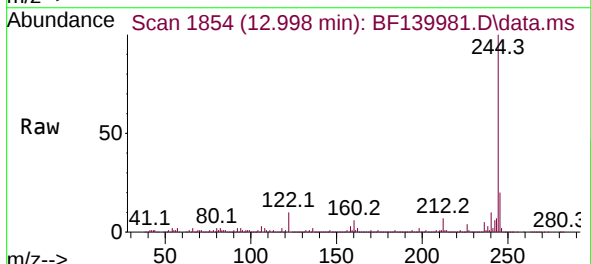
Instrument :
BNA_F
ClientSampleId :
BP-F-28

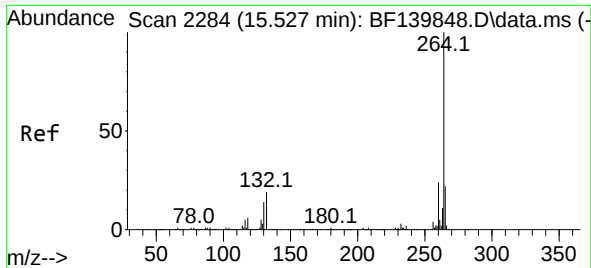
Tgt Ion:240 Resp: 295547
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 26.4 20.9 31.3



#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

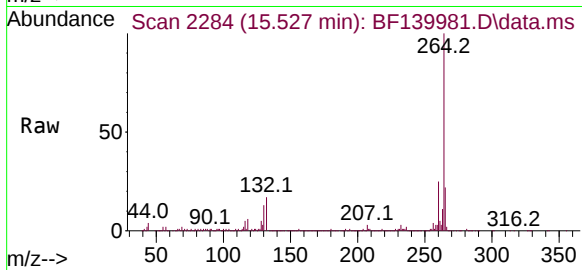
Tgt Ion:244 Resp: 800509
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 10.0 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
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:264	Resp:	264144
Ion	Ratio	Lower Upper
264	100	
260	24.5	19.4 29.2
265	21.6	17.4 26.0

