

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139941.D
 Acq On : 22 Oct 2024 21:20
 Operator : RC/JU
 Sample : P4385-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Oct 23 01:13:39 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	6.887	152	136890	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	521113	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	254785	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	372133	20.000	ng	0.00
76) Chrysene-d12	14.045	240	303301	20.000	ng	0.00
86) Perylene-d12	15.527	264	324928	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	787344	90.041	ng	0.00
7) Phenol-d6	6.504	99	1015200	89.641	ng	0.00
23) Nitrobenzene-d5	7.445	82	646064	68.713	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	165943	69.631	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1136235	73.703	ng	0.00
79) Terphenyl-d14	12.998	244	967539	51.981	ng	0.00

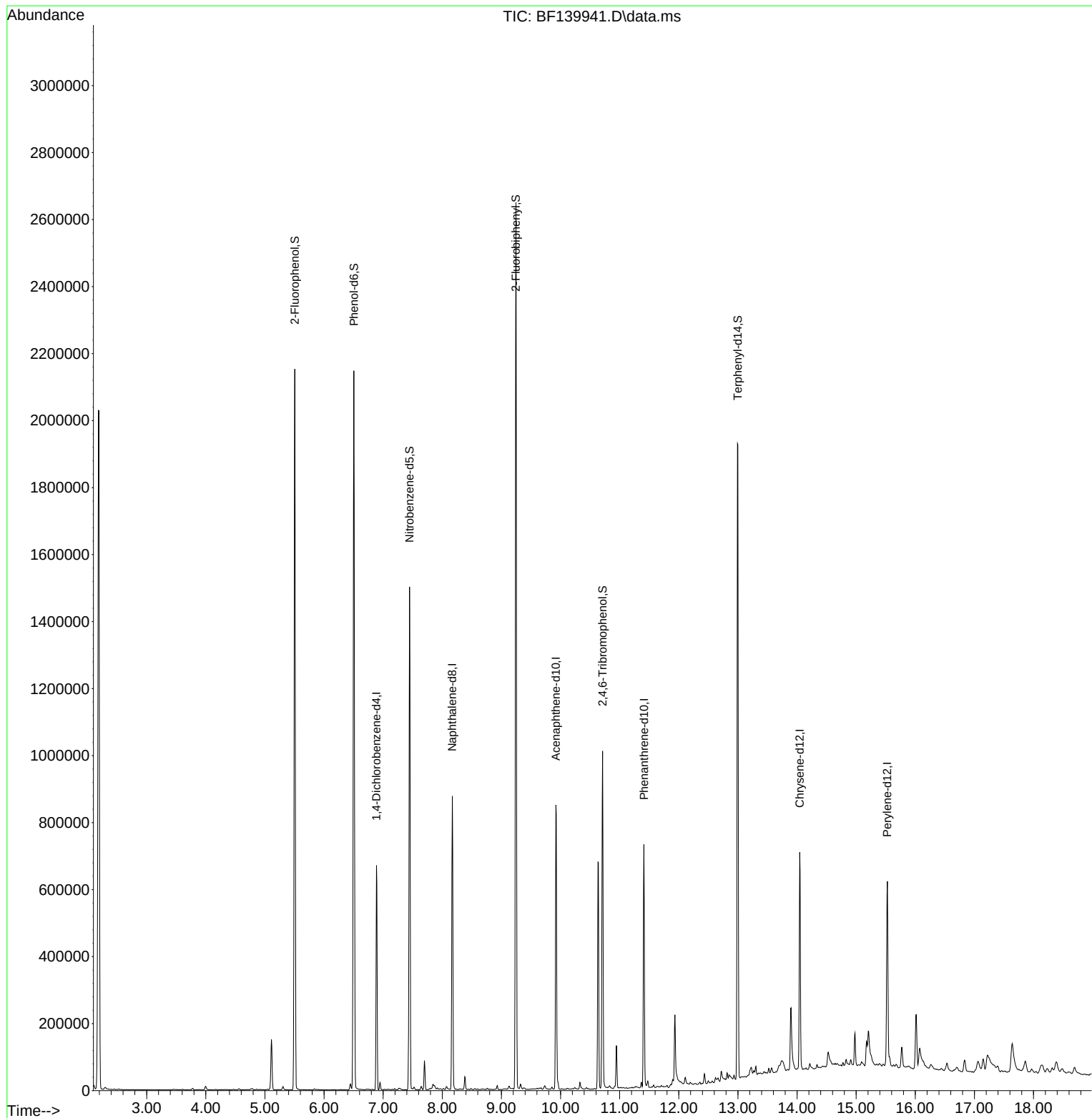
Target Compounds	Qvalue

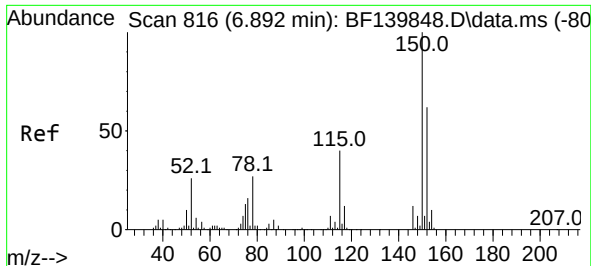
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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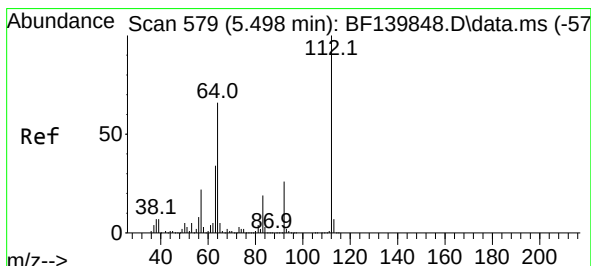
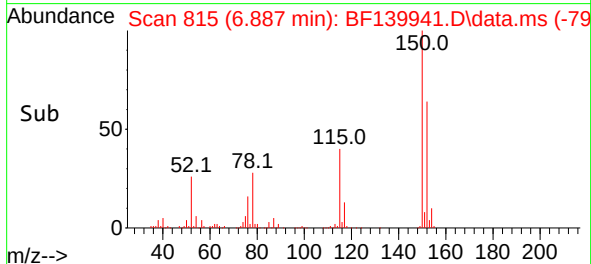
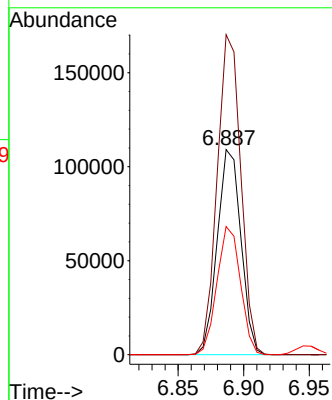
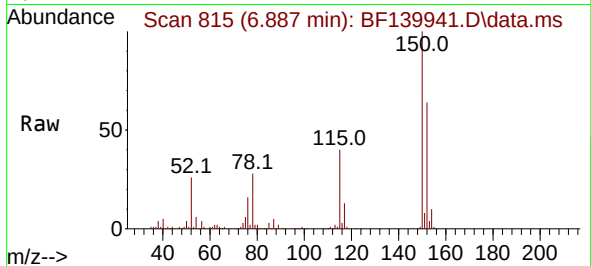




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

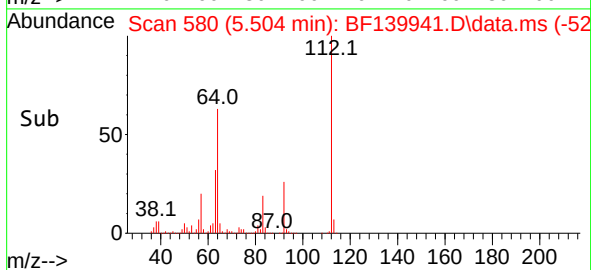
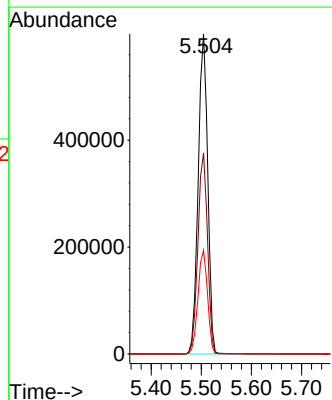
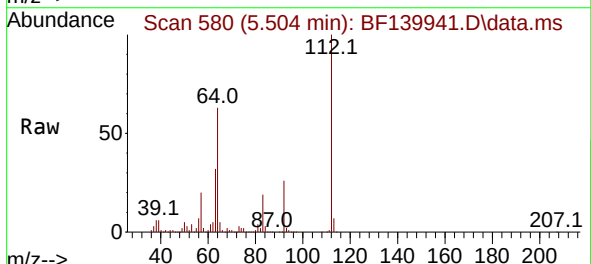
Instrument :
BNA_F
ClientSampleId :
SP-1

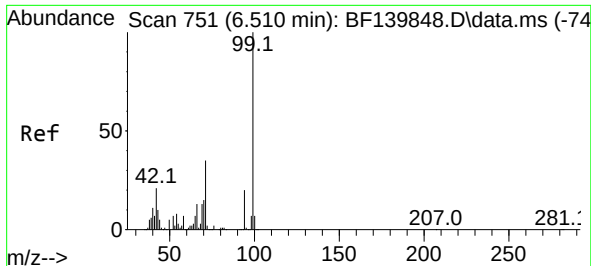
Tgt Ion:152 Resp: 136890
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 62.5 51.4 77.2



#5
2-Fluorophenol
Concen: 90.041 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion:112 Resp: 787344
Ion Ratio Lower Upper
112 100
64 62.9 53.0 79.6
63 32.5 27.0 40.4

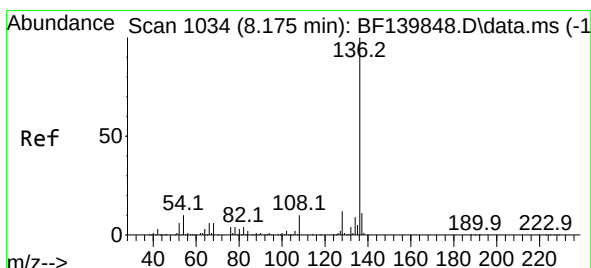
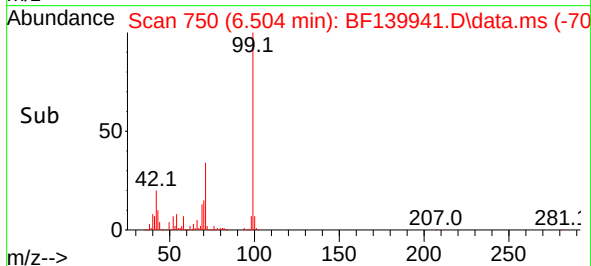
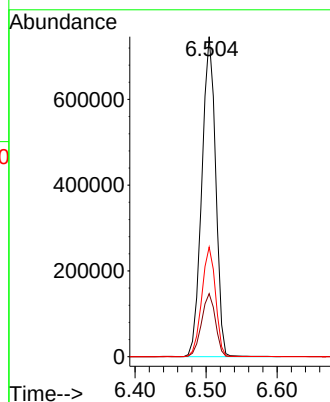
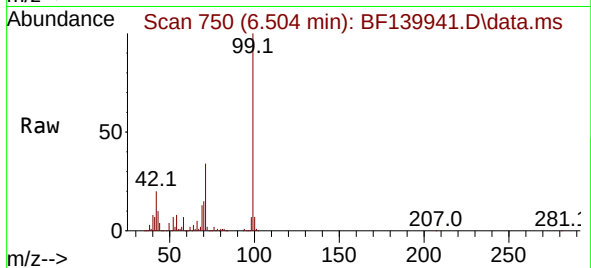




#7
Phenol-d6
Concen: 89.641 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

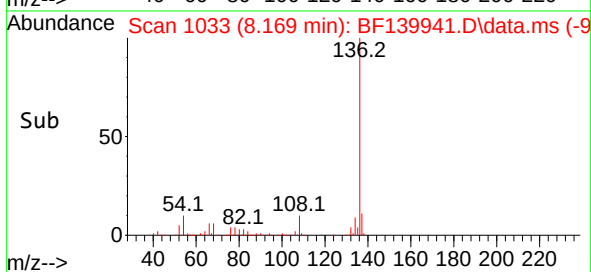
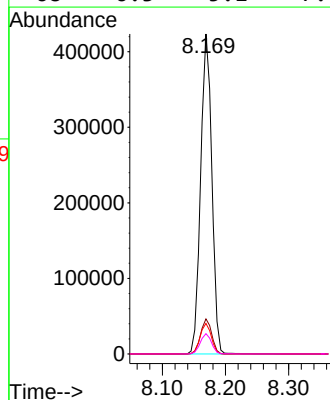
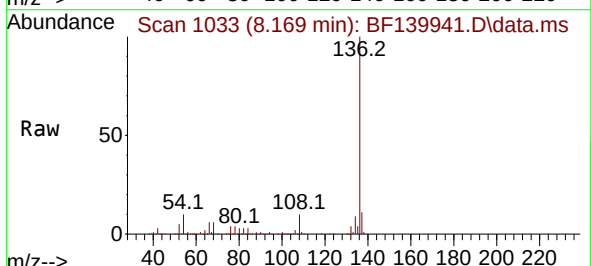
Instrument :
BNA_F
ClientSampleId :
SP-1

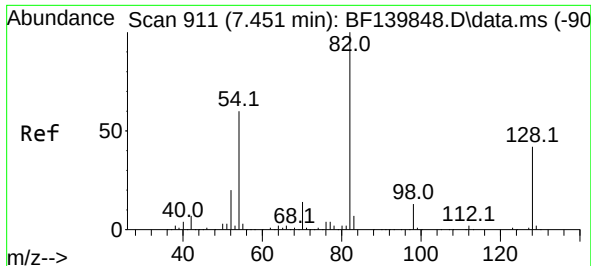
Tgt Ion: 99 Resp: 1015200
Ion Ratio Lower Upper
99 100
42 19.7 16.7 25.1
71 34.2 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139941.D
Acq: 22 Oct 2024 21:20

Tgt Ion: 136 Resp: 521113
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.5 8.4 12.6
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 68.713 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

SP-1

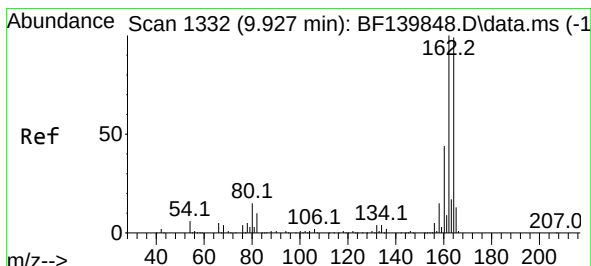
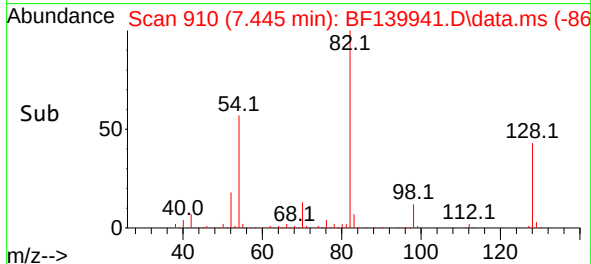
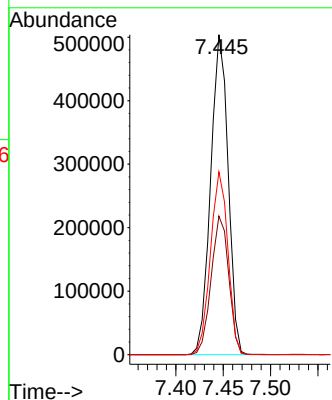
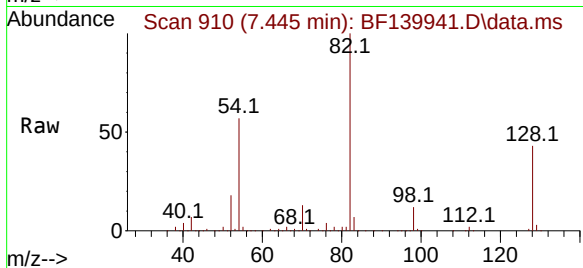
Tgt Ion: 82 Resp: 646064

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 57.2 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: BF139941.D

Acq: 22 Oct 2024 21:20

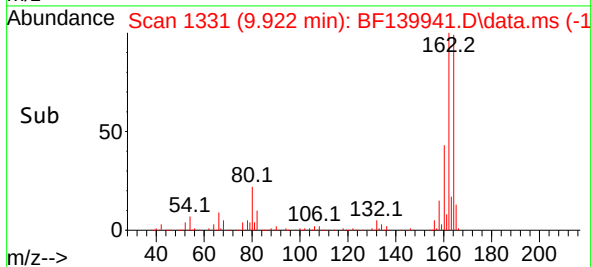
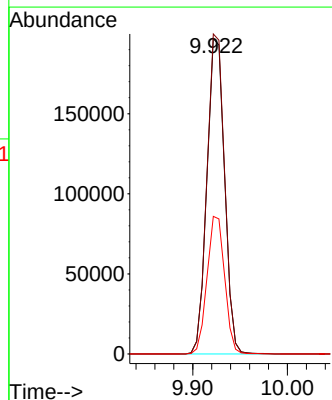
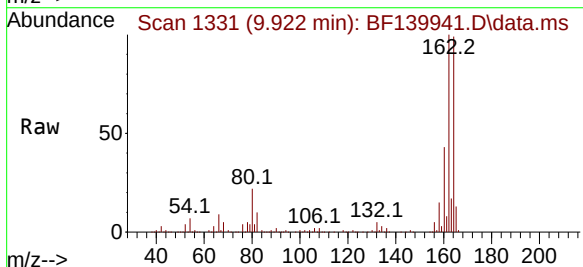
Tgt Ion:164 Resp: 254785

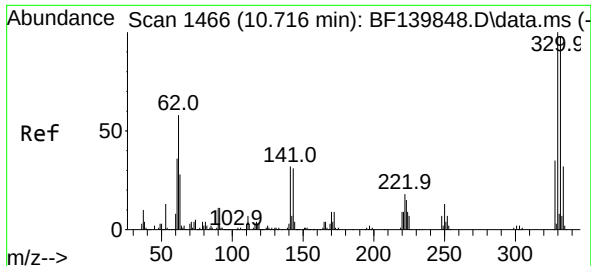
Ion Ratio Lower Upper

164 100

162 101.5 81.0 121.4

160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 69.631 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

SP-1

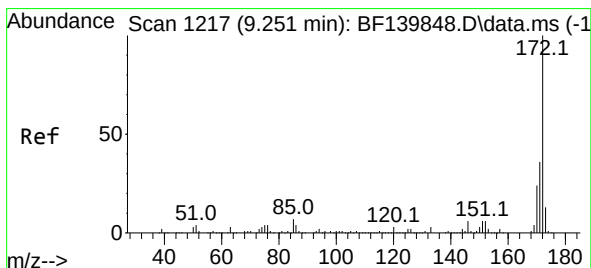
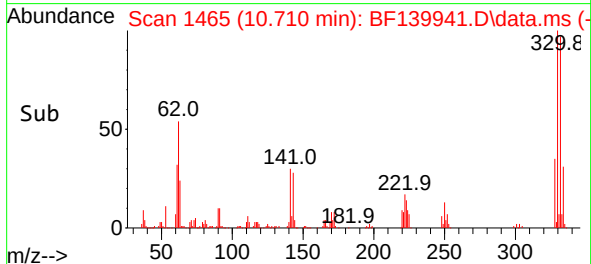
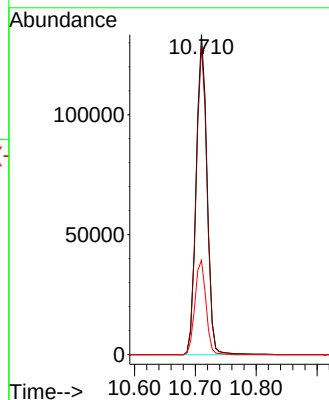
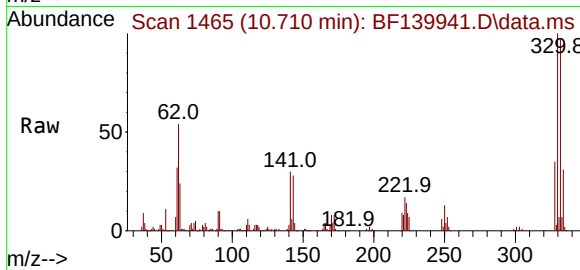
Tgt Ion:330 Resp: 165943

Ion Ratio Lower Upper

330 100

332 96.3 78.1 117.1

141 29.8 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 73.703 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

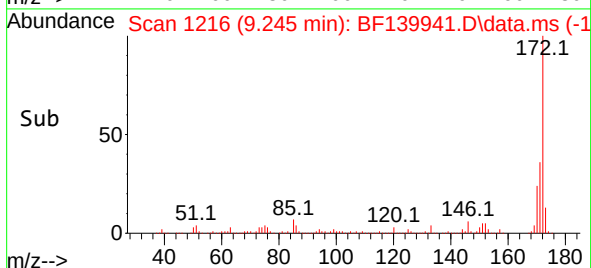
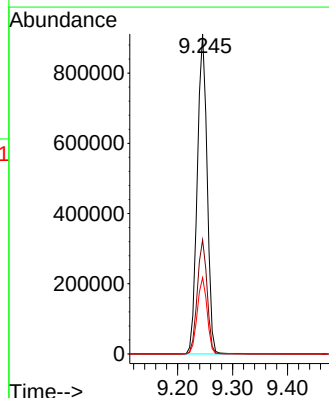
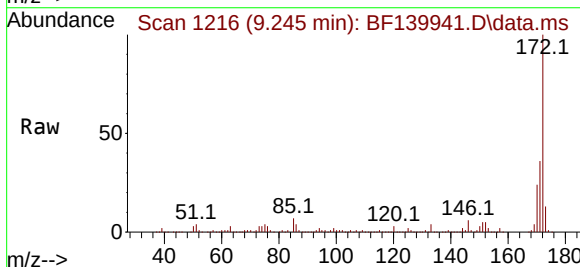
Tgt Ion:172 Resp: 1136235

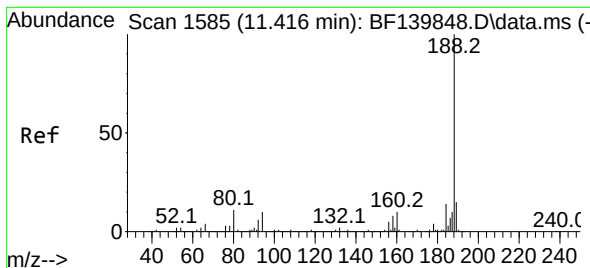
Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

SP-1

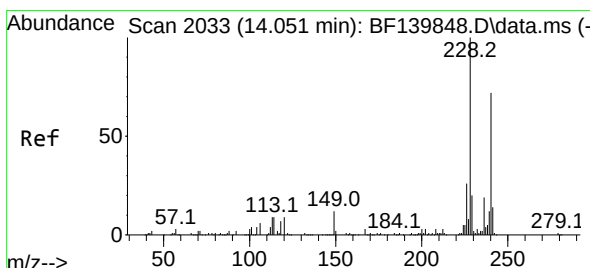
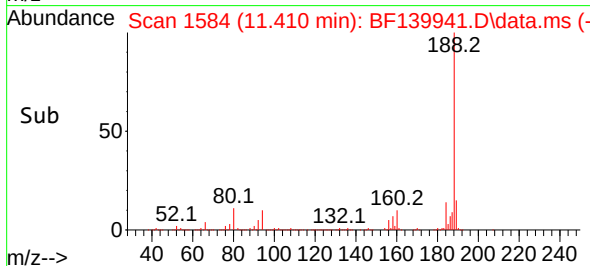
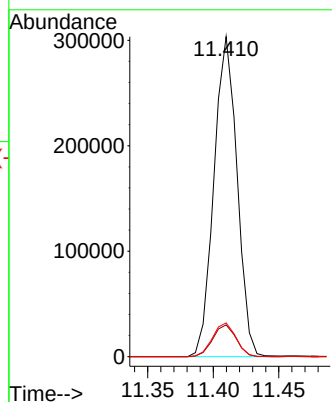
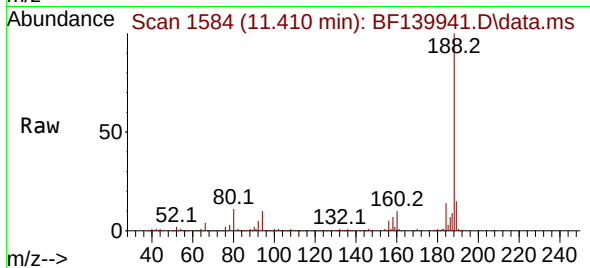
Tgt Ion:188 Resp: 372133

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

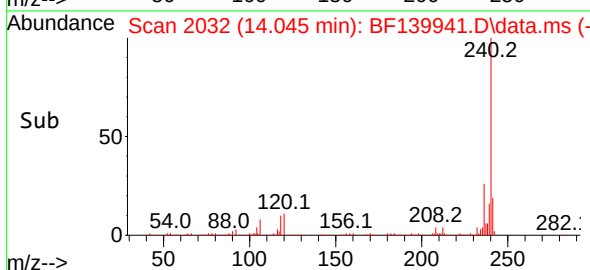
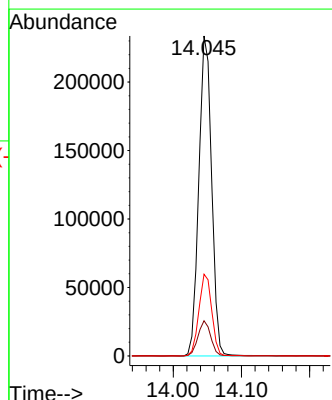
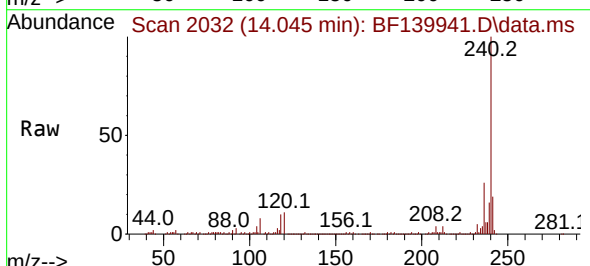
Tgt Ion:240 Resp: 303301

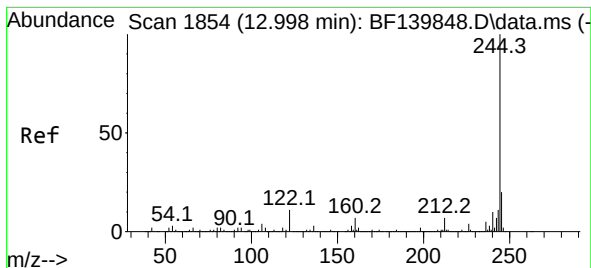
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 25.6 20.9 31.3





#79

Terphenyl-d14

Concen: 51.981 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139941.D

Acq: 22 Oct 2024 21:20

Instrument :

BNA_F

ClientSampleId :

SP-1

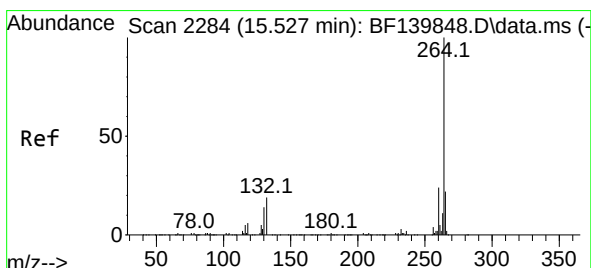
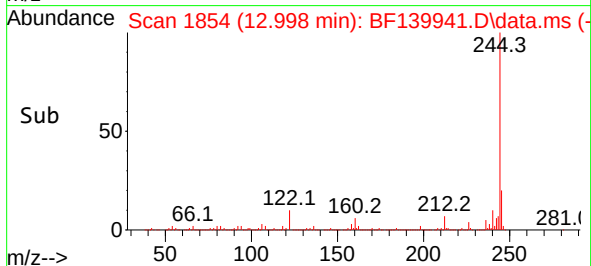
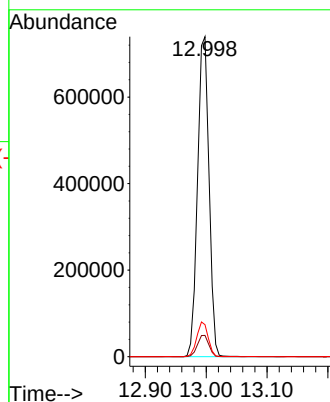
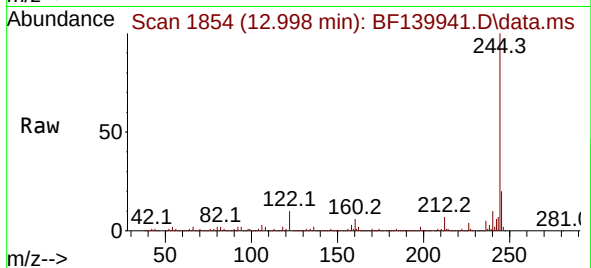
Tgt Ion:244 Resp: 967539

Ion Ratio Lower Upper

244 100

212 6.6 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: BF139941.D

Acq: 22 Oct 2024 21:20

Tgt Ion:264 Resp: 324928

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.2 17.4 26.0

