

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139937.D
 Acq On : 22 Oct 2024 19:25
 Operator : RC/JU
 Sample : P4385-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-2

Quant Time: Oct 23 01:12:32 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	151716	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	581488	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	304861	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	449838	20.000	ng	0.00
76) Chrysene-d12	14.045	240	325843	20.000	ng	0.00
86) Perylene-d12	15.527	264	359851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	706993	72.951	ng	0.00
7) Phenol-d6	6.504	99	891767	71.047	ng	0.00
23) Nitrobenzene-d5	7.445	82	563214	53.682	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	135085	47.372	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1053954	57.136	ng	0.00
79) Terphenyl-d14	12.998	244	859406	42.977	ng	0.00

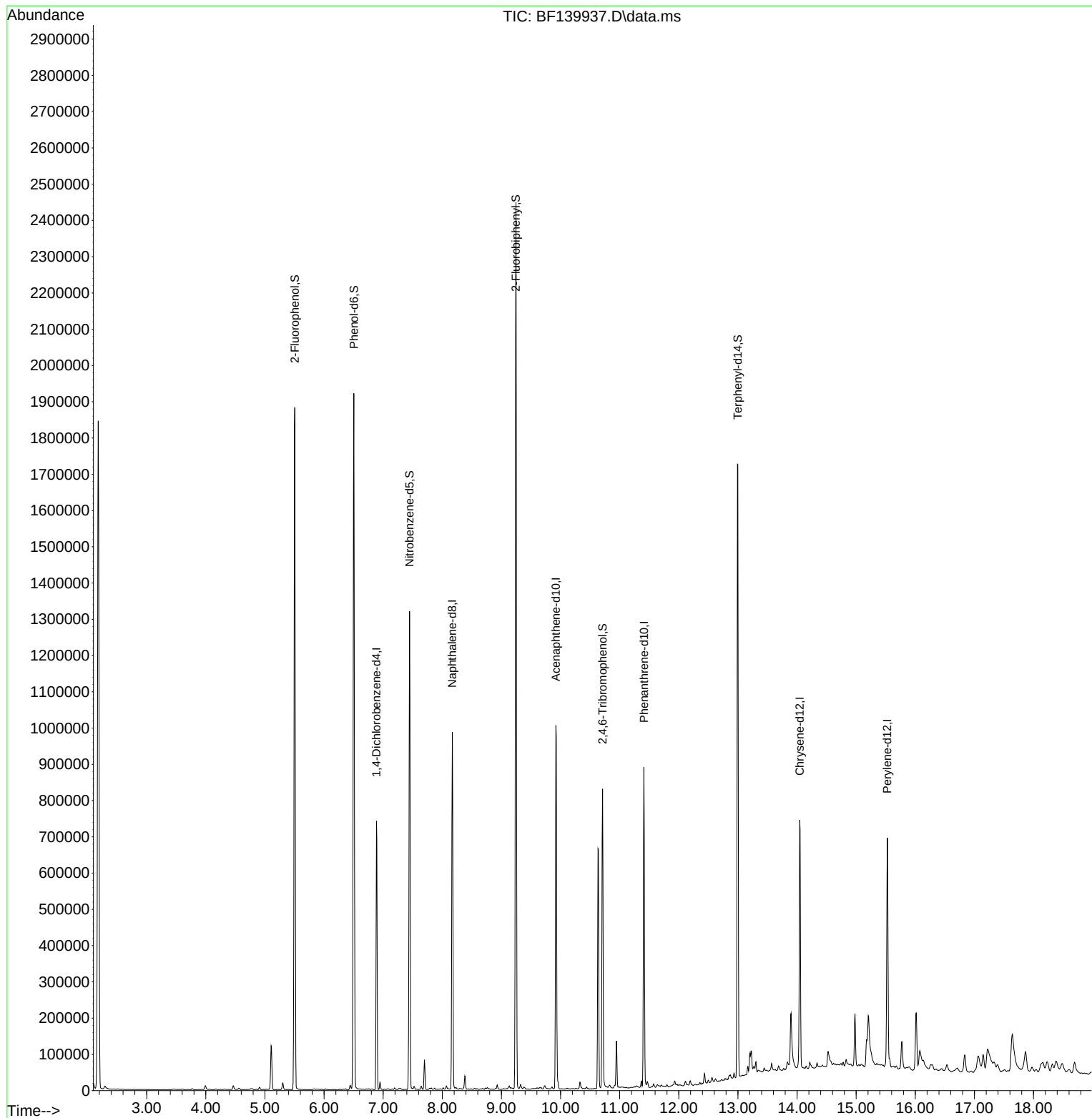
Target Compounds	Qvalue

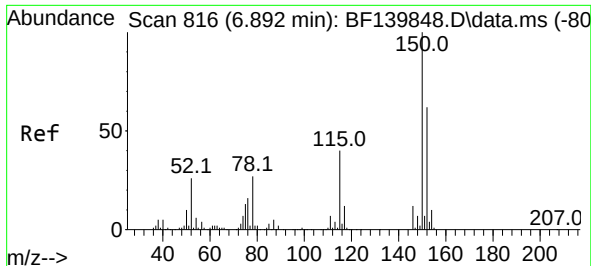
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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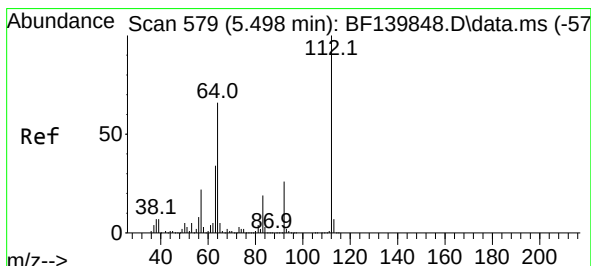
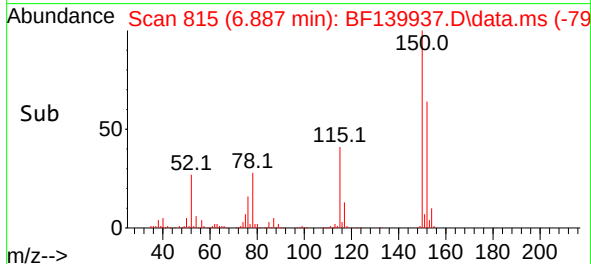
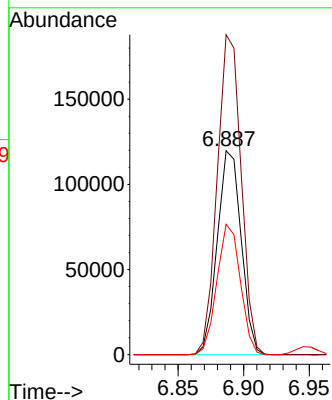
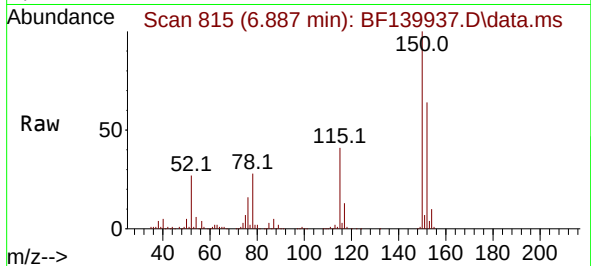




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139937.D
Acq: 22 Oct 2024 19:25

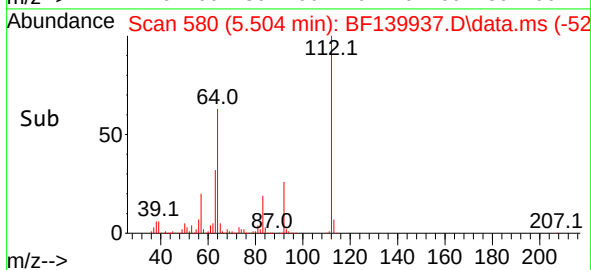
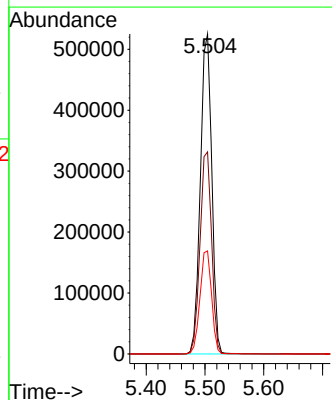
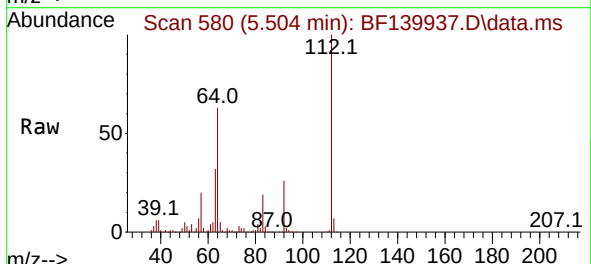
Instrument :
BNA_F
ClientSampleId :
SP-2

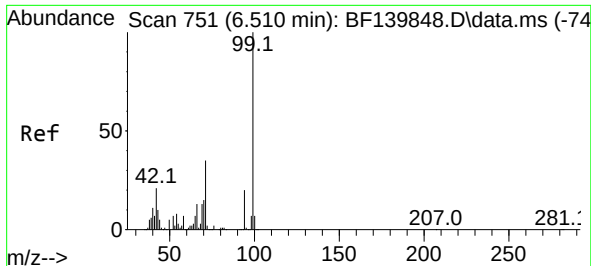
Tgt Ion:152 Resp: 151716
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 64.0 51.4 77.2



#5
2-Fluorophenol
Concen: 72.951 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF139937.D
Acq: 22 Oct 2024 19:25

Tgt Ion:112 Resp: 706993
Ion Ratio Lower Upper
112 100
64 63.1 53.0 79.6
63 32.2 27.0 40.4





#7

Phenol-d6

Concen: 71.047 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF139937.D

Acq: 22 Oct 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SP-2

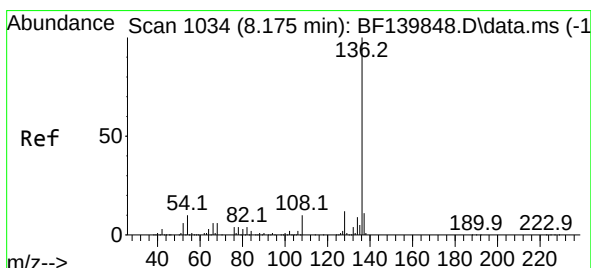
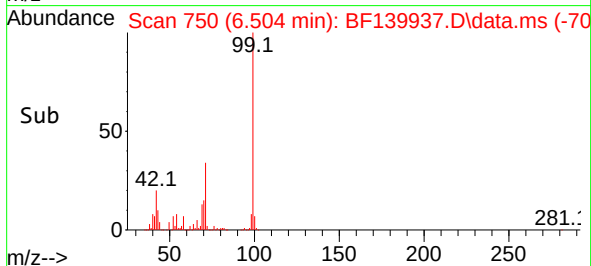
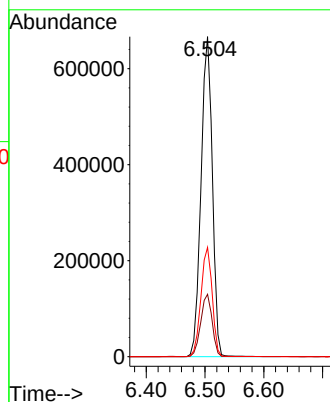
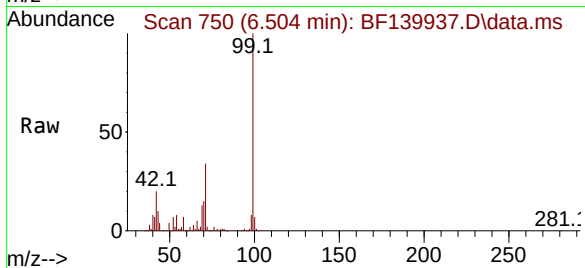
Tgt Ion: 99 Resp: 891767

Ion Ratio Lower Upper

99 100

42 19.5 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: BF139937.D

Acq: 22 Oct 2024 19:25

Tgt Ion: 136 Resp: 581488

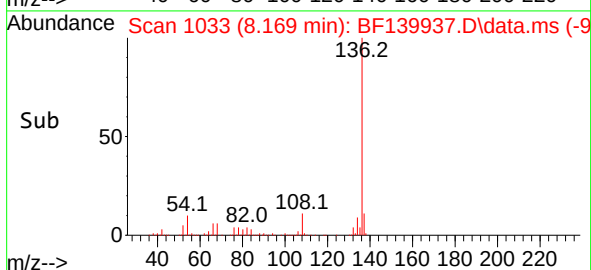
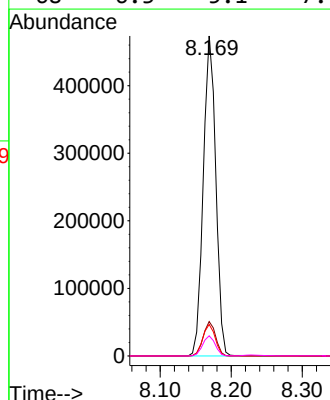
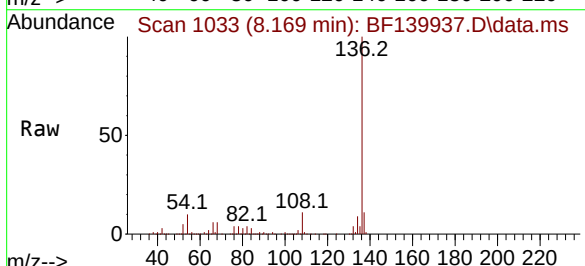
Ion Ratio Lower Upper

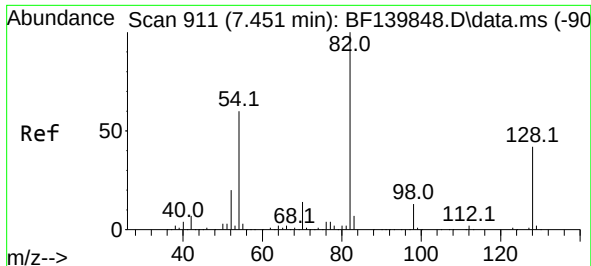
136 100

137 10.7 8.6 12.8

54 9.9 8.4 12.6

68 6.3 5.1 7.7

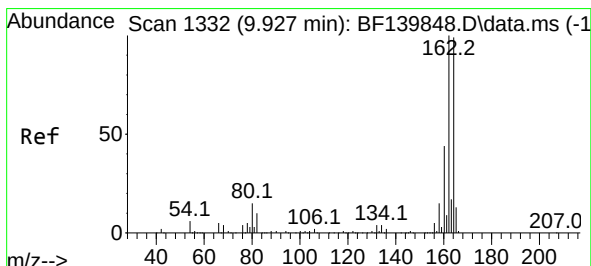
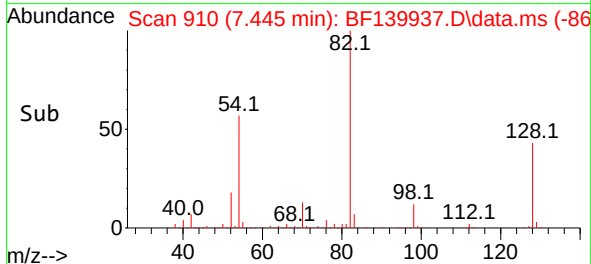
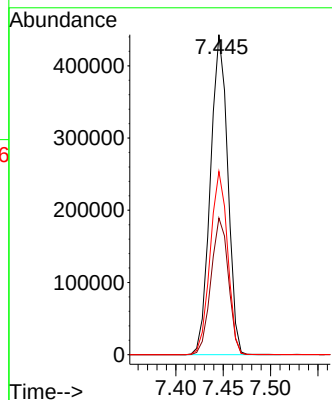
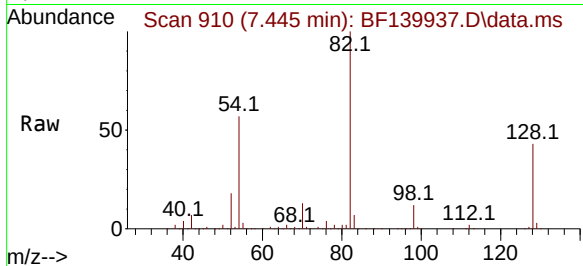




#23
 Nitrobenzene-d5
 Concen: 53.682 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF139937.D
 Acq: 22 Oct 2024 19:25

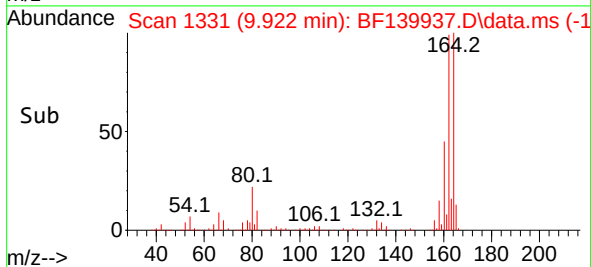
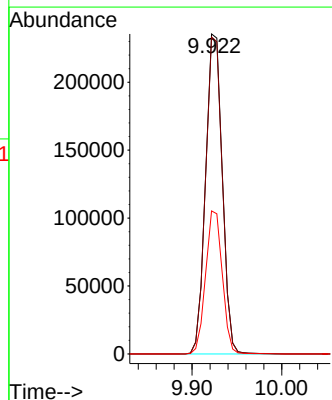
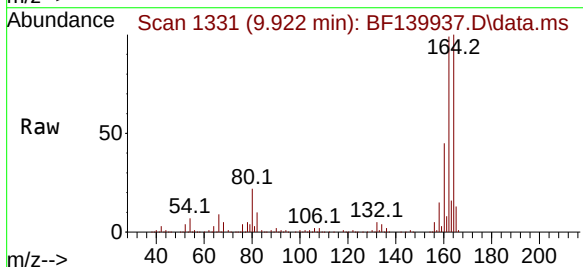
Instrument :
 BNA_F
 ClientSampleId :
 SP-2

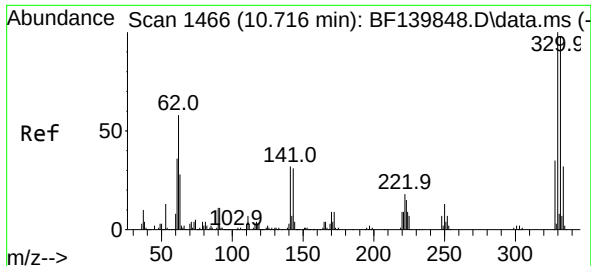
Tgt Ion: 82 Resp: 563214
 Ion Ratio Lower Upper
 82 100
 128 42.7 33.4 50.0
 54 57.2 47.8 71.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1331
 Delta R.T. -0.005 min
 Lab File: BF139937.D
 Acq: 22 Oct 2024 19:25

Tgt Ion:164 Resp: 304861
 Ion Ratio Lower Upper
 164 100
 162 99.0 81.0 121.4
 160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 47.372 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139937.D

Acq: 22 Oct 2024 19:25

Instrument :

BNA_F

ClientSampleId :

SP-2

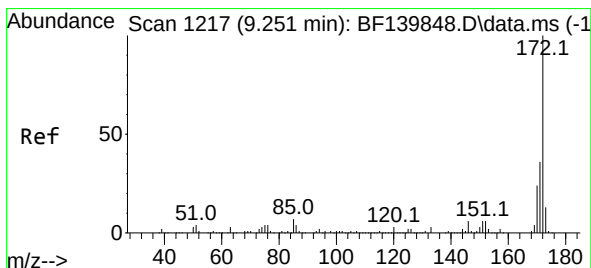
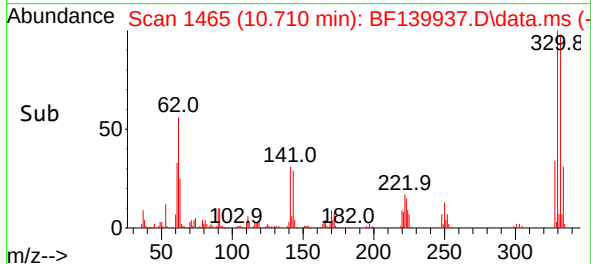
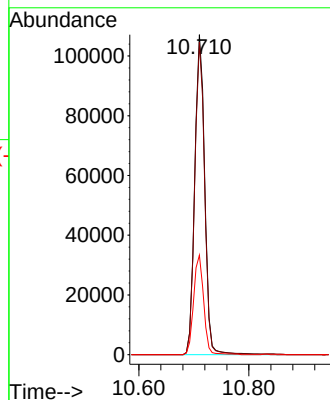
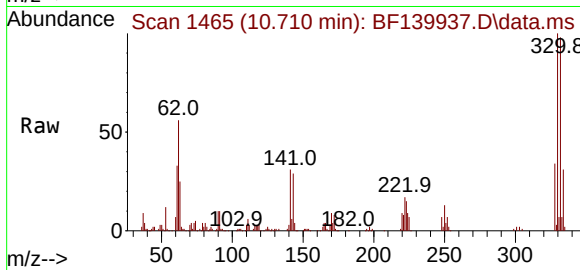
Tgt Ion:330 Resp: 135085

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 31.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 57.136 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139937.D

Acq: 22 Oct 2024 19:25

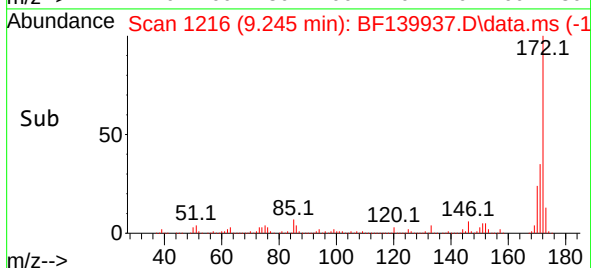
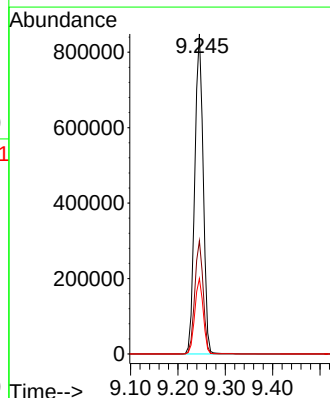
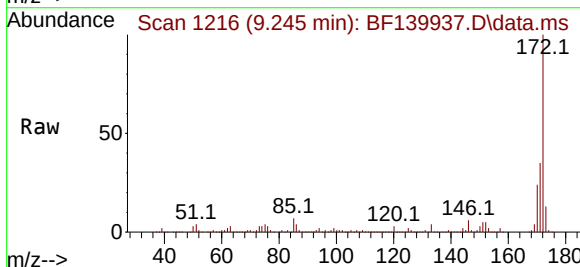
Tgt Ion:172 Resp: 1053954

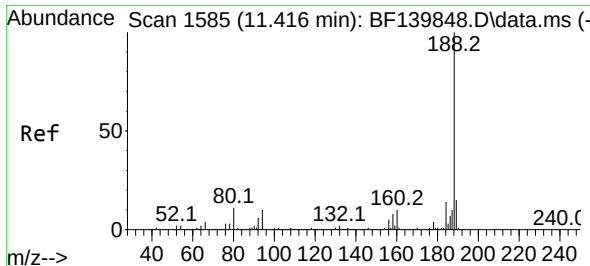
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 19.1 28.7

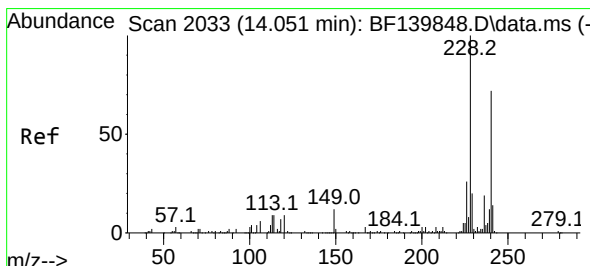
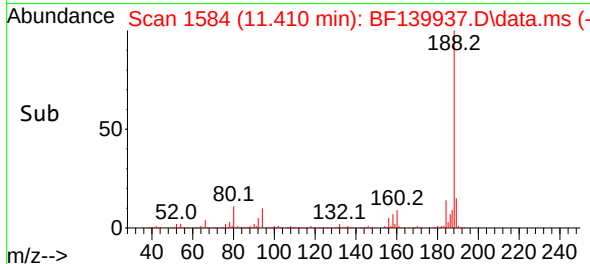
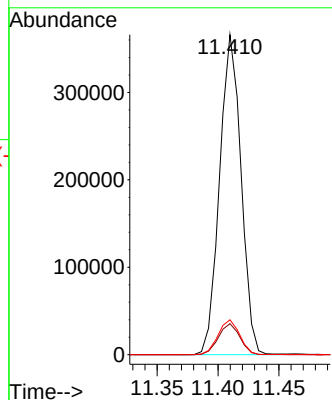
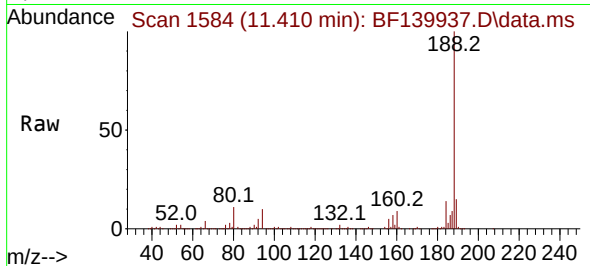




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139937.D
Acq: 22 Oct 2024 19:25

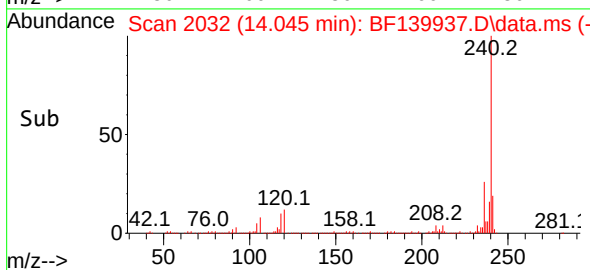
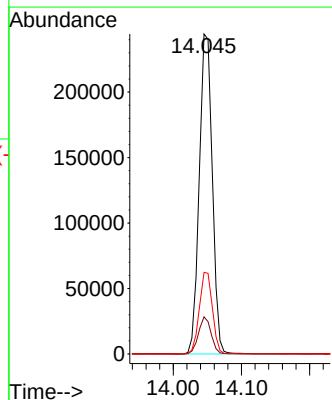
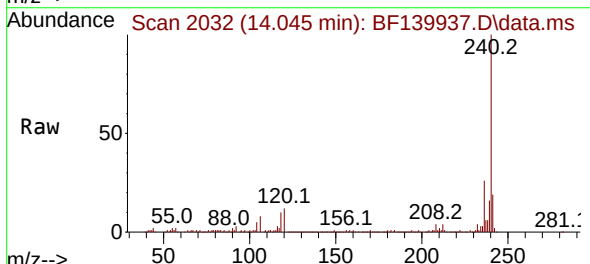
Instrument :
BNA_F
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SP-2

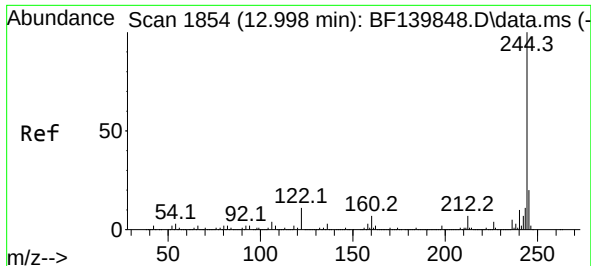
Tgt Ion:188 Resp: 449838
Ion Ratio Lower Upper
188 100
94 9.7 7.9 11.9
80 10.9 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139937.D
Acq: 22 Oct 2024 19:25

Tgt Ion:240 Resp: 325843
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 25.5 20.9 31.3

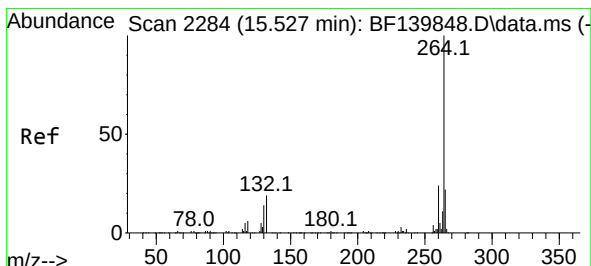
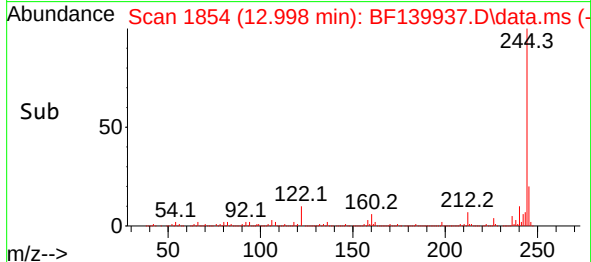
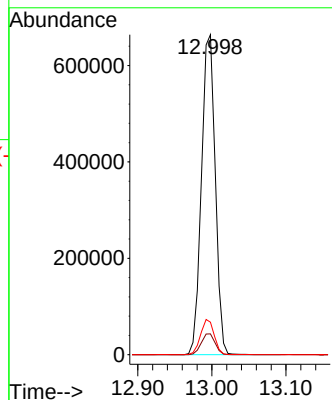
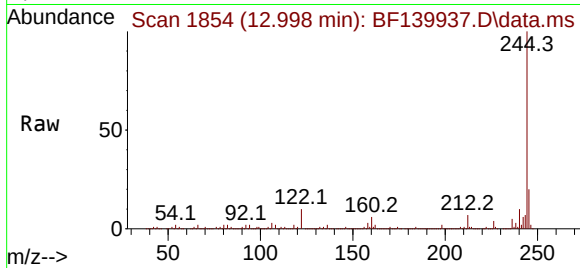




#79
Terphenyl-d14
Concen: 42.977 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF139937.D
Acq: 22 Oct 2024 19:25

Instrument :
BNA_F
ClientSampleId :
SP-2

Tgt Ion:244 Resp: 859406
Ion Ratio Lower Upper
244 100
212 6.5 5.7 8.5
122 10.2 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: BF139937.D
Acq: 22 Oct 2024 19:25

Tgt Ion:264 Resp: 359851
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 21.8 17.4 26.0

