

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139946.D
 Acq On : 22 Oct 2024 23:43
 Operator : RC/JU
 Sample : P4385-18
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-9

Quant Time: Oct 23 01:15:01 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)

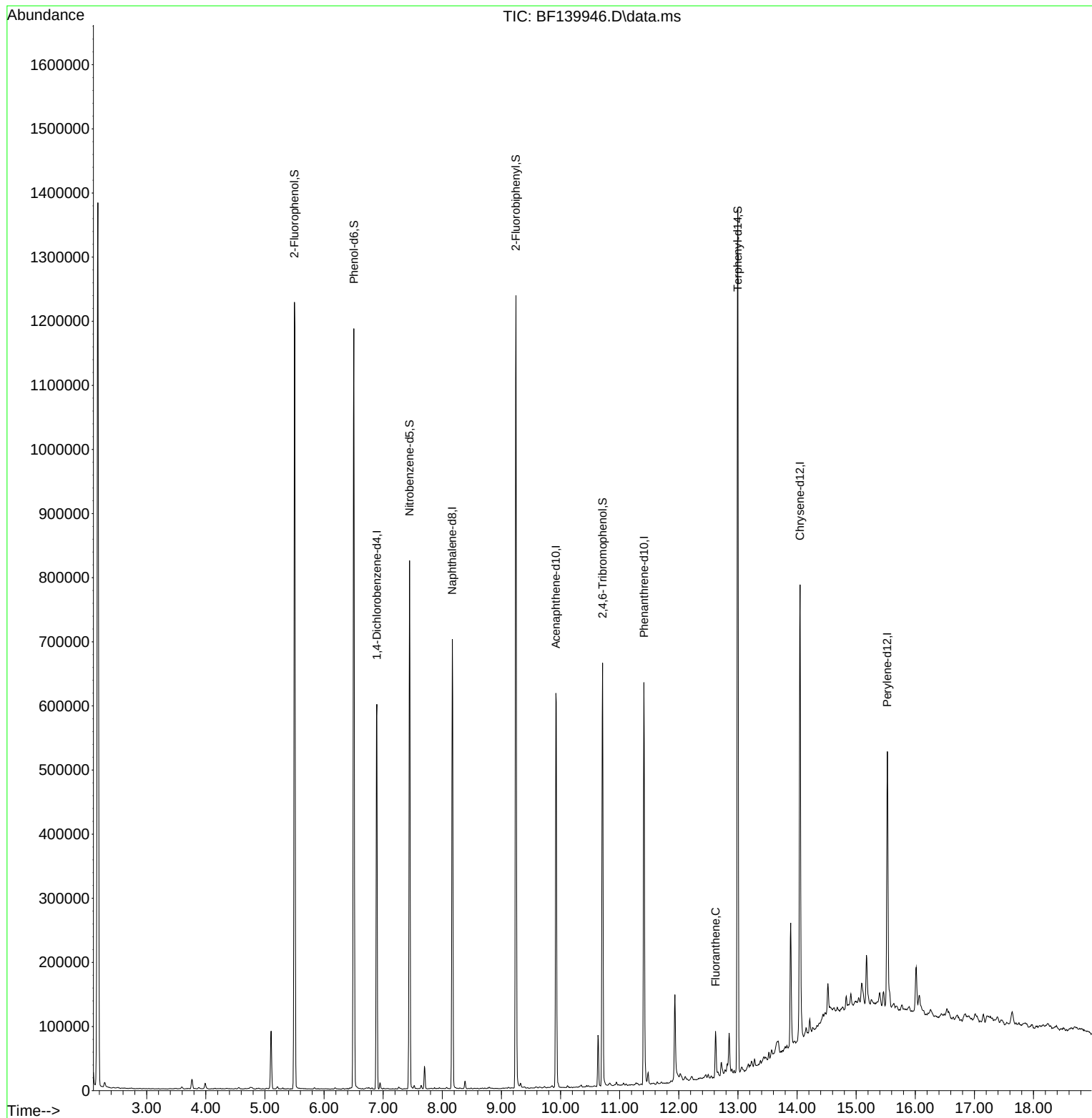
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	125462	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	412661	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	187614	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	327445	20.000	ng	0.00
76) Chrysene-d12	14.051	240	323147	20.000	ng	0.00
86) Perylene-d12	15.527	264	234771	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	448573	55.972	ng	0.00
7) Phenol-d6	6.504	99	529168	50.981	ng	0.00
23) Nitrobenzene-d5	7.445	82	341479	45.863	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	106441	60.654	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	547059	48.191	ng	0.00
79) Terphenyl-d14	12.998	244	678727	34.225	ng	0.00
Target Compounds						
75) Fluoranthene	12.622	202	36380	2.327	ng	Qvalue 99

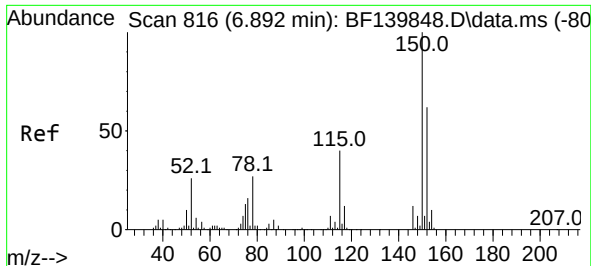
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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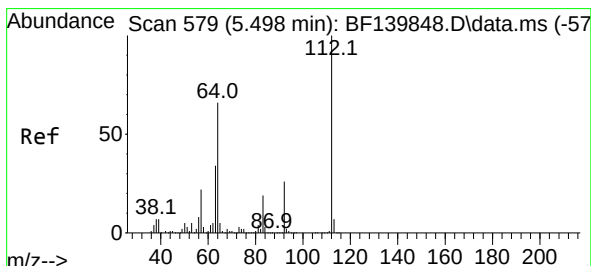
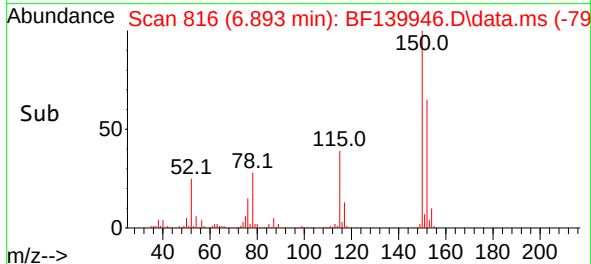
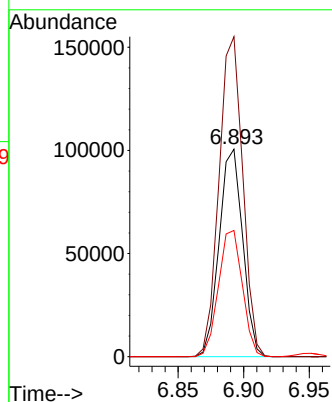
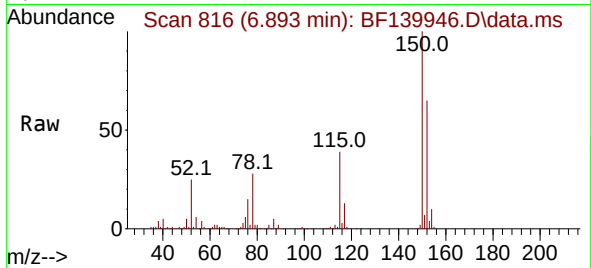




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

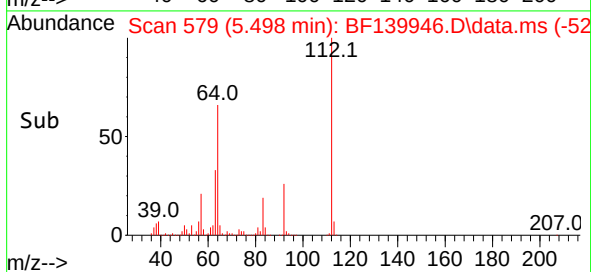
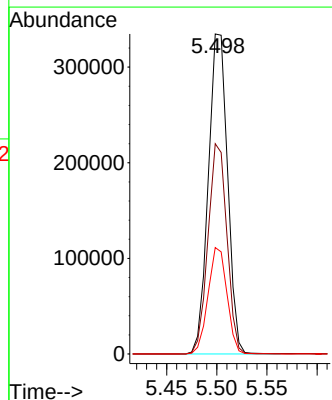
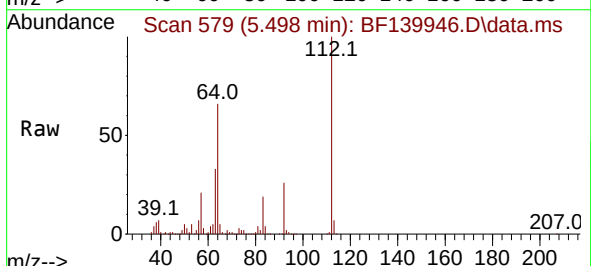
Instrument :
BNA_F
ClientSampleId :
SP-9

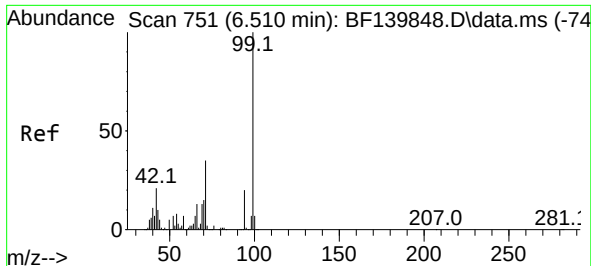
Tgt Ion:152 Resp: 125462
Ion Ratio Lower Upper
152 100
150 154.2 130.2 195.2
115 60.8 51.4 77.2



#5
2-Fluorophenol
Concen: 55.972 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion:112 Resp: 448573
Ion Ratio Lower Upper
112 100
64 65.7 53.0 79.6
63 33.2 27.0 40.4

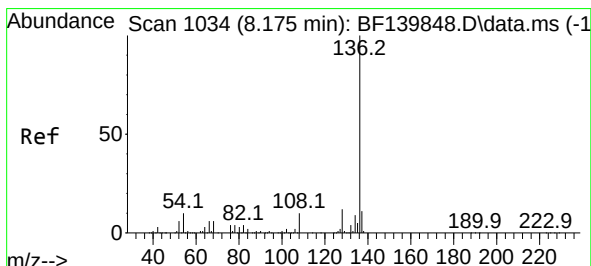
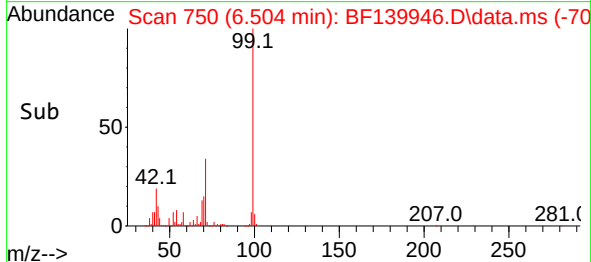
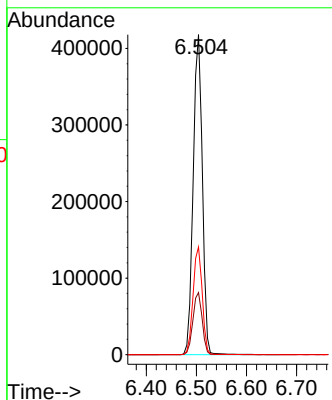
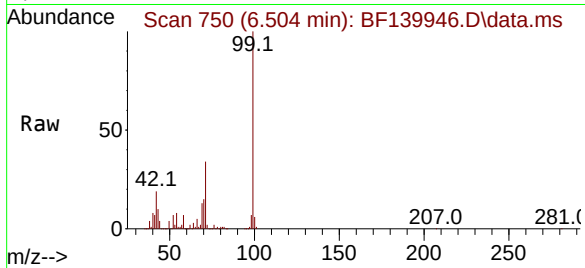




#7
Phenol-d6
Concen: 50.981 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

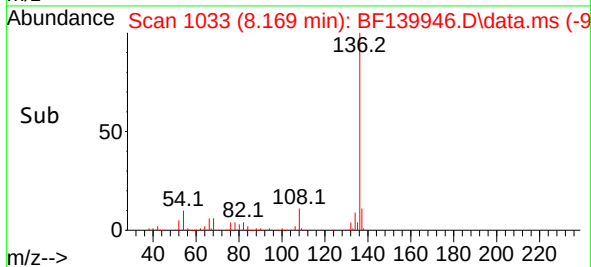
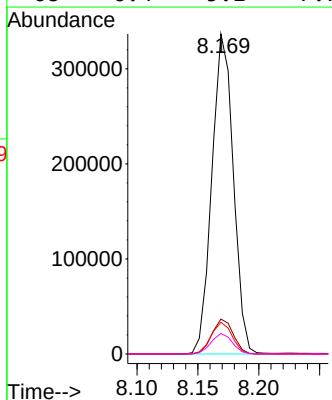
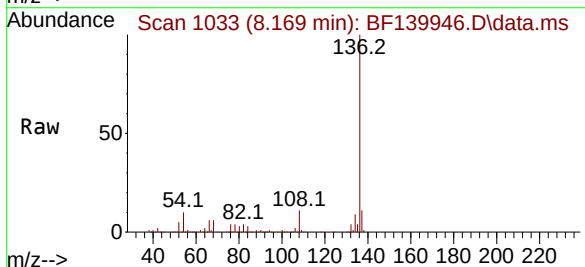
Instrument :
BNA_F
ClientSampleId :
SP-9

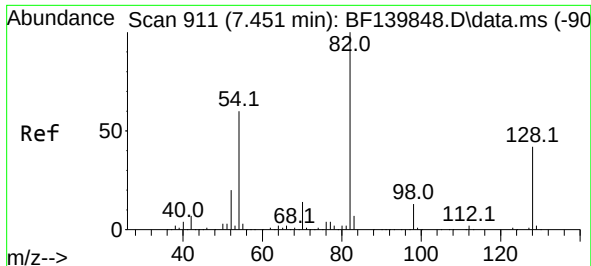
Tgt Ion: 99 Resp: 529168
Ion Ratio Lower Upper
99 100
42 19.4 16.7 25.1
71 33.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion: 136 Resp: 412661
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 8.4 12.6
68 6.4 5.1 7.7

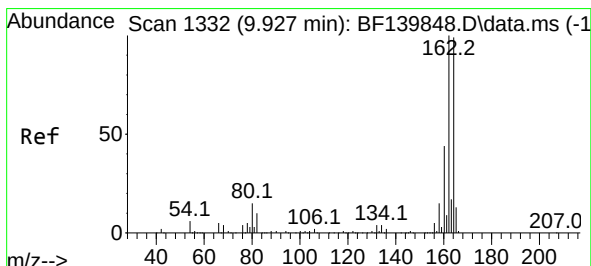
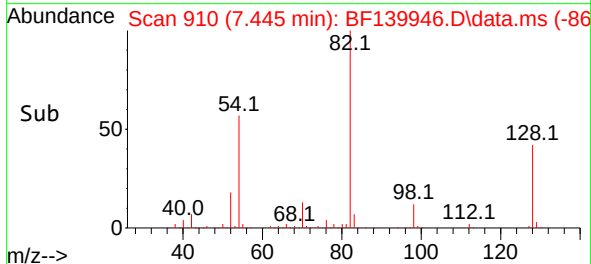
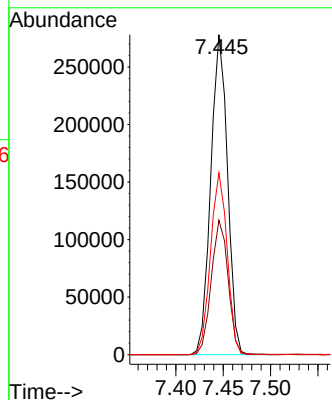
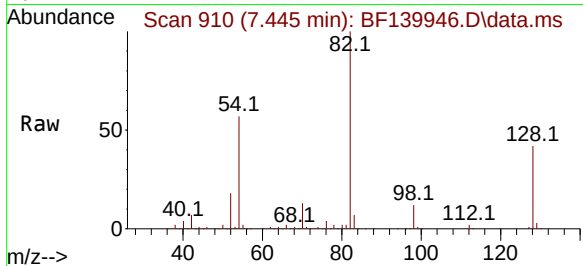




#23
Nitrobenzene-d5
Concen: 45.863 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

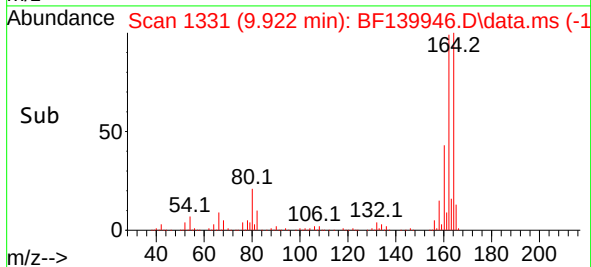
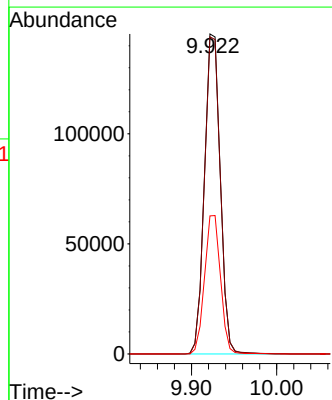
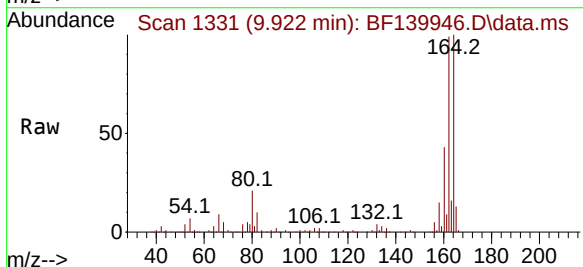
Instrument :
BNA_F
ClientSampleId :
SP-9

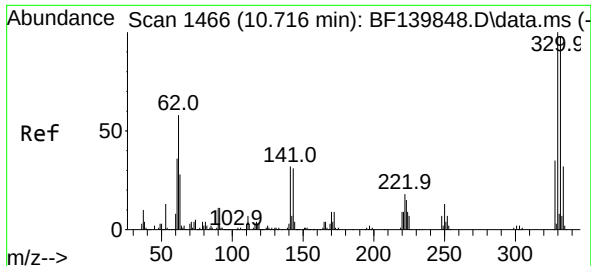
Tgt Ion: 82 Resp: 341479
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.0
54 56.8 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF139946.D
Acq: 22 Oct 2024 23:43

Tgt Ion: 164 Resp: 187614
Ion Ratio Lower Upper
164 100
162 99.1 81.0 121.4
160 43.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 60.654 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

Instrument :

BNA_F

ClientSampleId :

SP-9

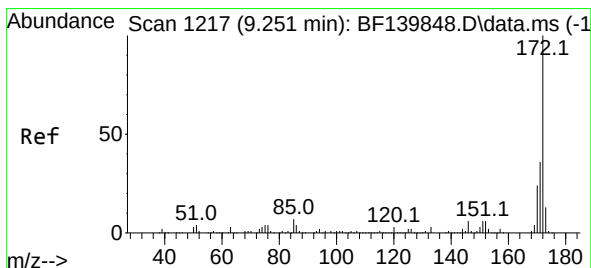
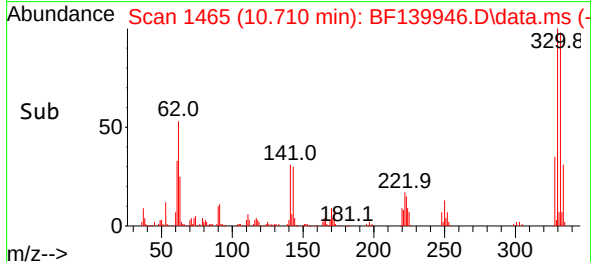
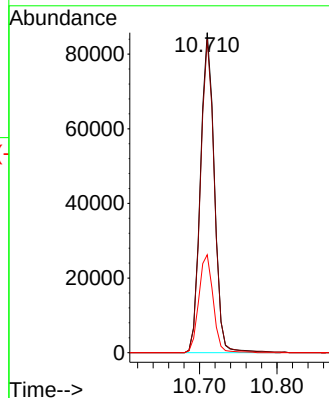
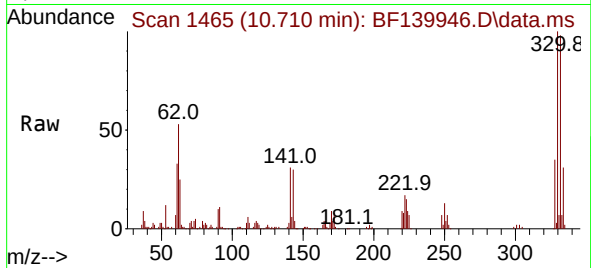
Tgt Ion:330 Resp: 106441

Ion Ratio Lower Upper

330 100

332 98.1 78.1 117.1

141 31.7 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 48.191 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

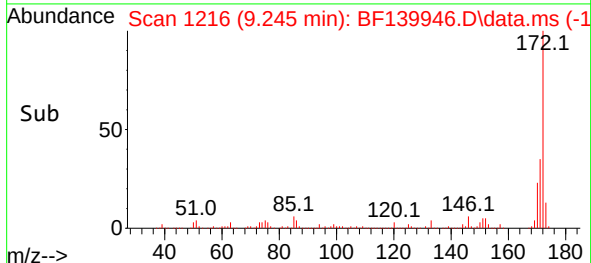
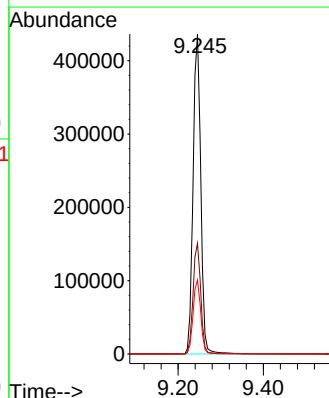
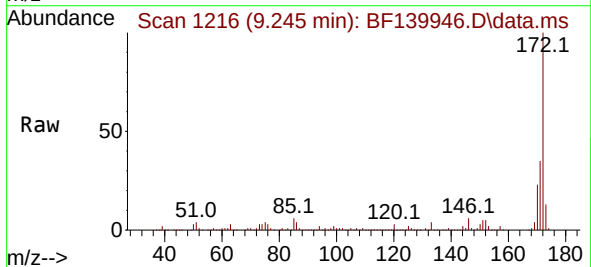
Tgt Ion:172 Resp: 547059

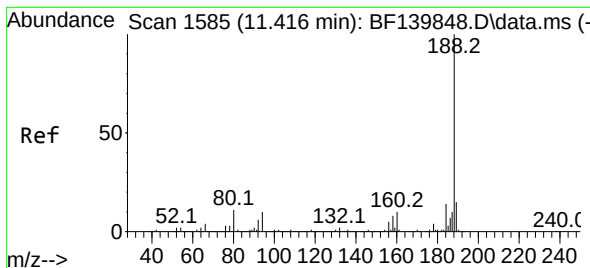
Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

170 23.1 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: BF139946.D

Acq: 22 Oct 2024 23:43

Instrument :

BNA_F

ClientSampleId :

SP-9

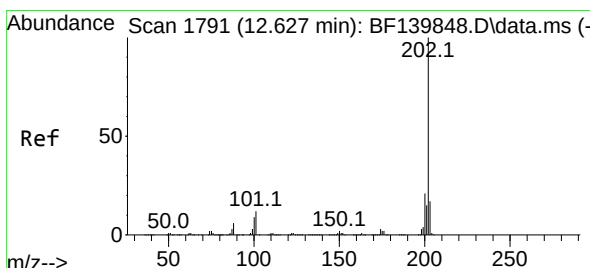
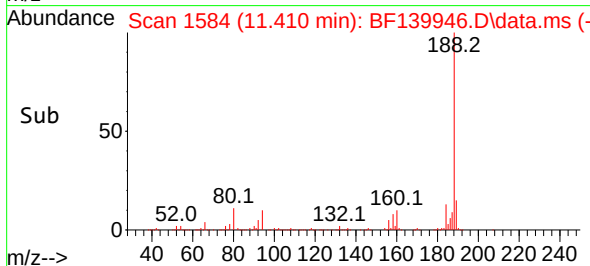
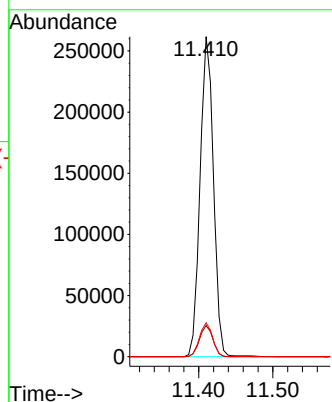
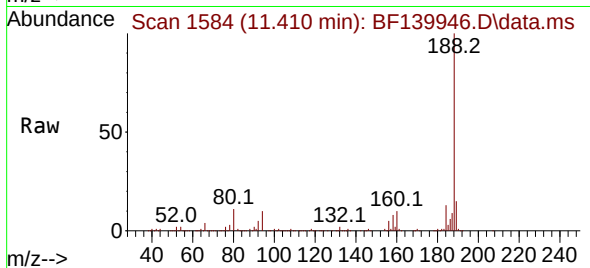
Tgt Ion:188 Resp: 327445

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 10.6 9.0 13.4



#75

Fluoranthene

Concen: 2.327 ng

RT: 12.622 min Scan# 1790

Delta R.T. -0.006 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

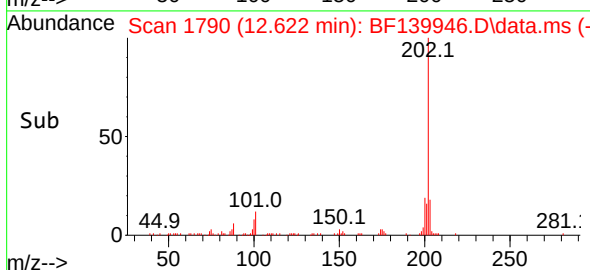
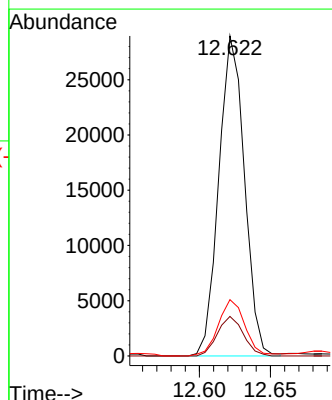
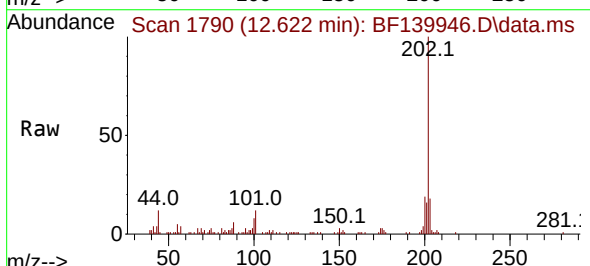
Tgt Ion:202 Resp: 36380

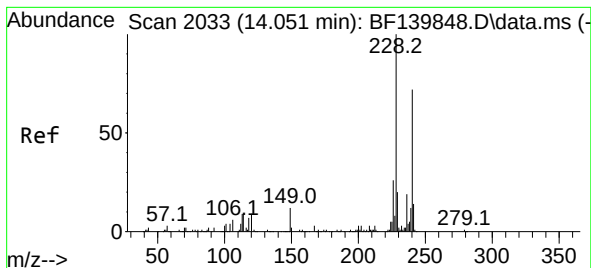
Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.9

203 17.6 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

Instrument :

BNA_F

ClientSampleId :

SP-9

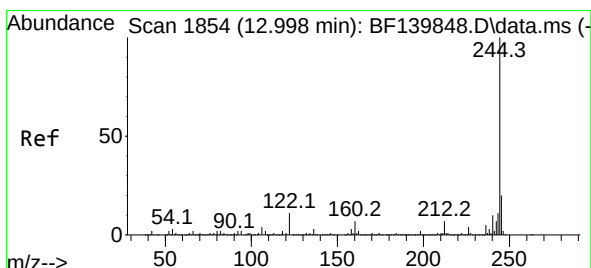
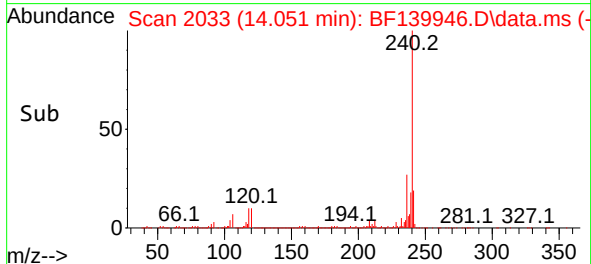
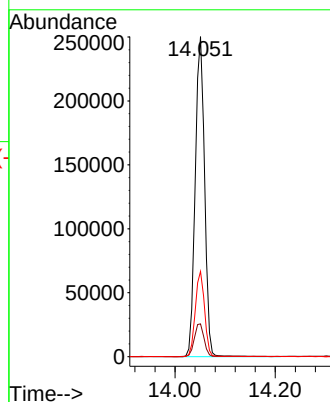
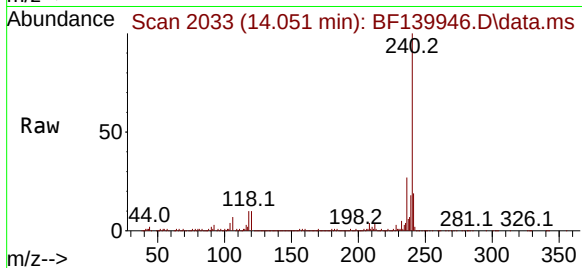
Tgt Ion:240 Resp: 323147

Ion Ratio Lower Upper

240 100

120 10.3 9.4 14.2

236 26.7 20.9 31.3



#79

Terphenyl-d14

Concen: 34.225 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139946.D

Acq: 22 Oct 2024 23:43

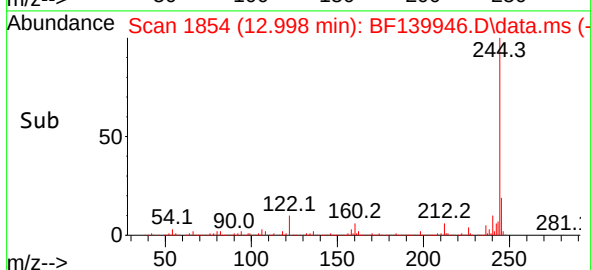
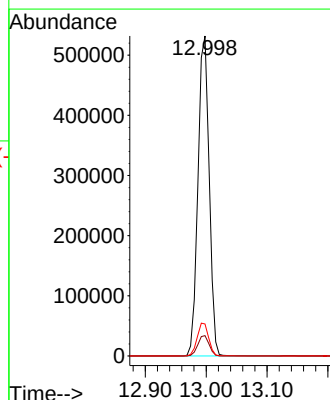
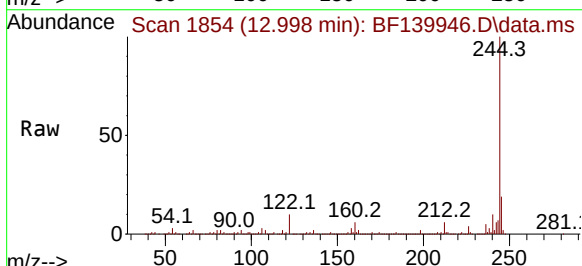
Tgt Ion:244 Resp: 678727

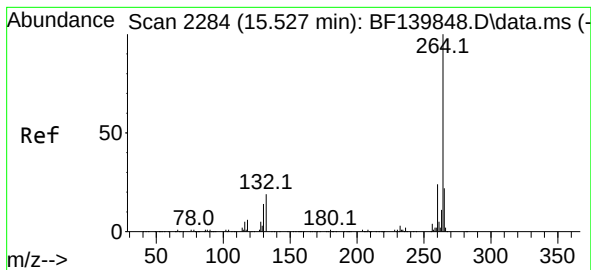
Ion Ratio Lower Upper

244 100

212 6.4 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: BF139946.D

Acq: 22 Oct 2024 23:43

Instrument :

BNA_F

ClientSampleId :

SP-9

Tgt Ion:264 Resp: 234771

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.9 17.4 26.0

