

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139559.D
 Acq On : 26 Sep 2024 21:24
 Operator : RC/JU
 Sample : P4190-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-T

Quant Time: Sep 27 05:00:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	68787	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	256464	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	140130	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	256600	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	134951	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	134706	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	381275	90.423	ng	0.00
7) Phenol-d6	6.504	99	515831	93.202	ng	0.00
23) Nitrobenzene-d5	7.434	82	324262	59.439	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	117350	78.661	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	606972	60.750	ng	0.00
79) Terphenyl-d14	12.980	244	601530	73.163	ng	0.00

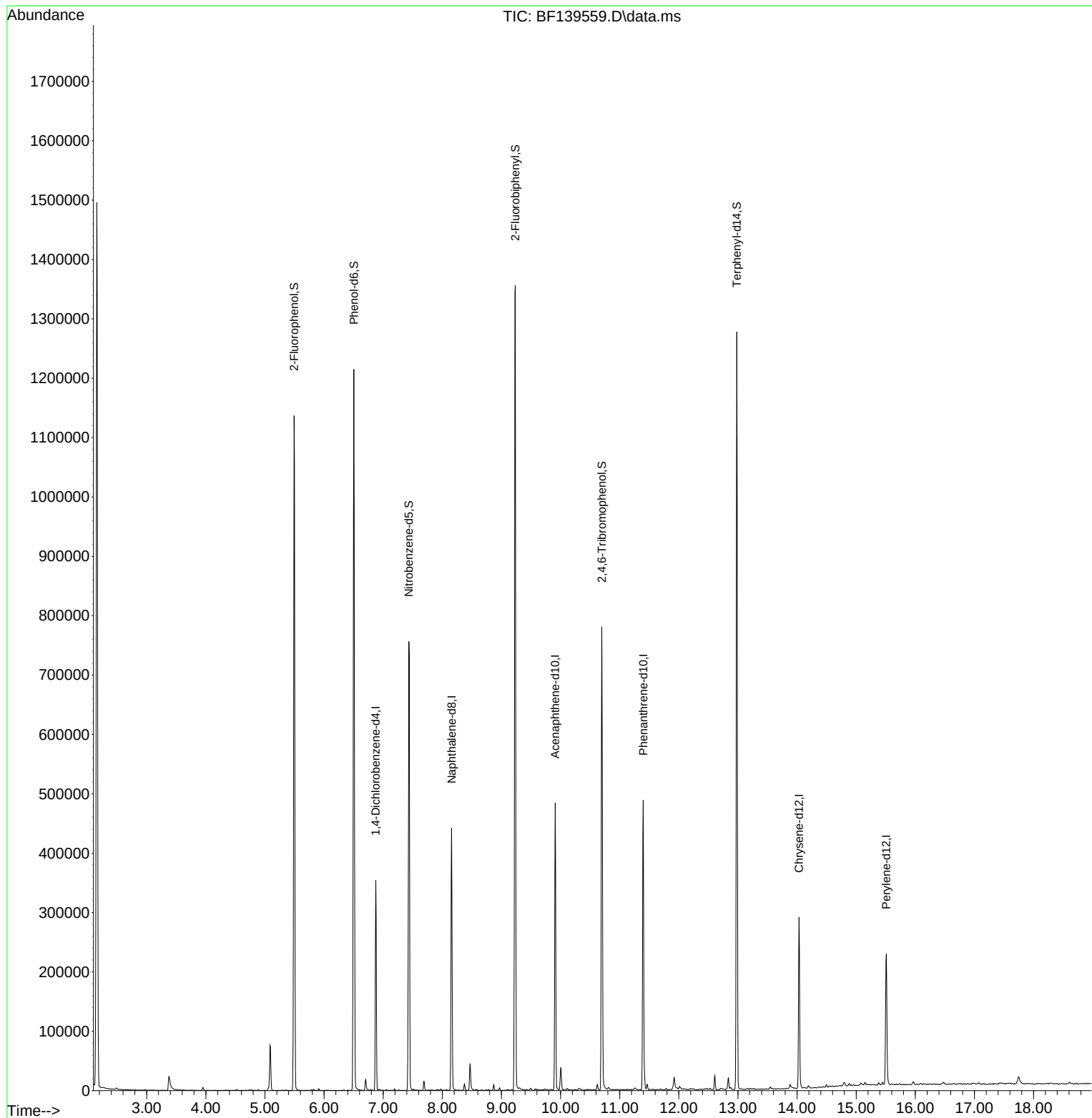
Target Compounds	Qvalue

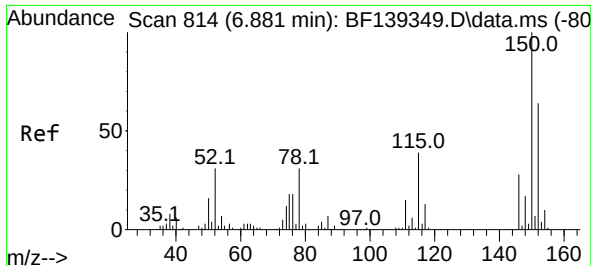
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
Data File : BF139559.D
Acq On : 26 Sep 2024 21:24
Operator : RC/JU
Sample : P4190-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-T

Quant Time: Sep 27 05:00:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 14 02:58:23 2024
Response via : Initial Calibration

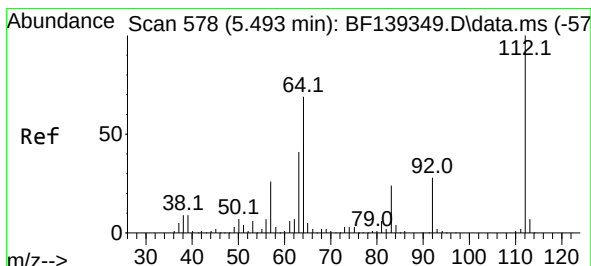
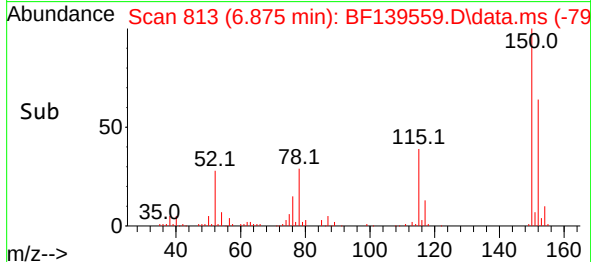
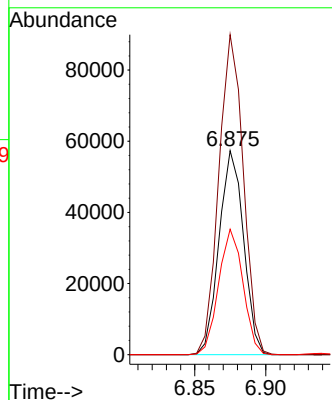
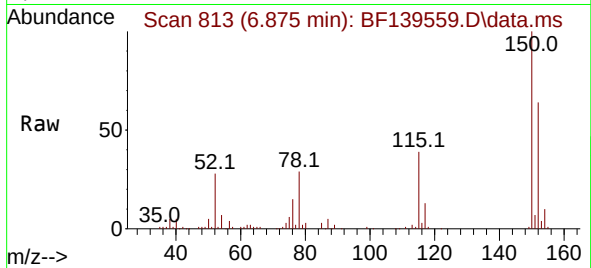




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

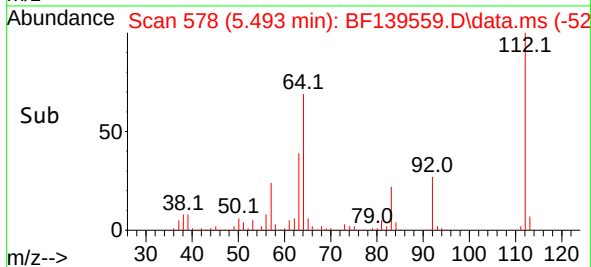
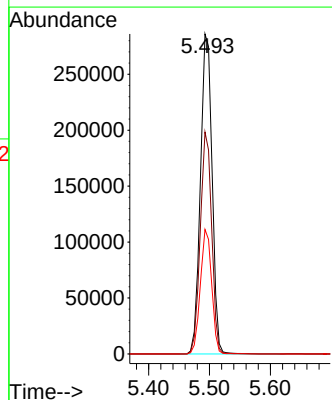
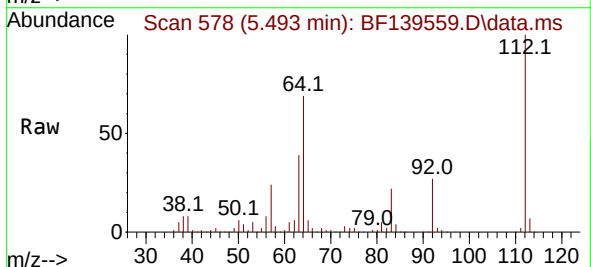
Instrument :
BNA_F
ClientSampleId :
TP-T

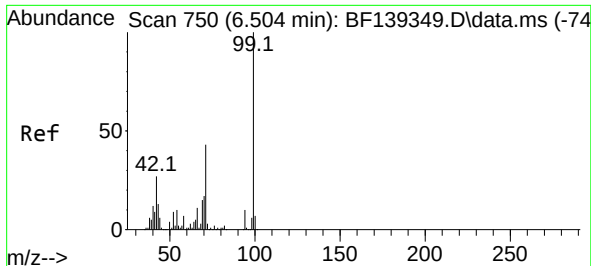
Tgt Ion:152 Resp: 68787
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 61.5 48.1 72.1



#5
2-Fluorophenol
Concen: 90.423 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion:112 Resp: 381275
Ion Ratio Lower Upper
112 100
64 69.3 54.8 82.2
63 38.9 33.0 49.4





#7

Phenol-d6

Concen: 93.202 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

Instrument :

BNA_F

ClientSampleId :

TP-T

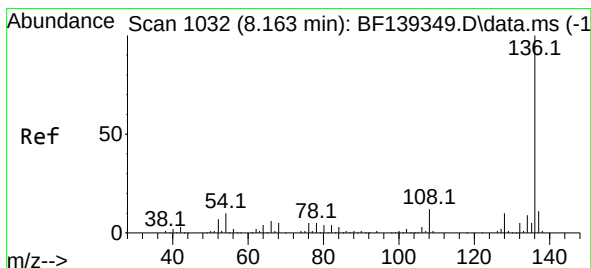
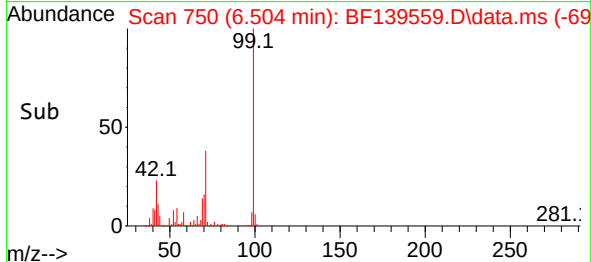
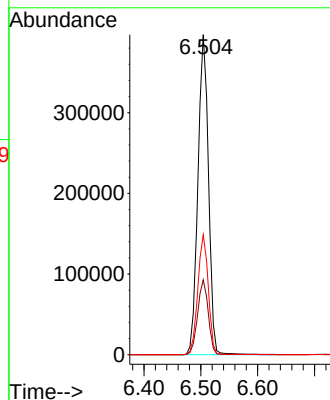
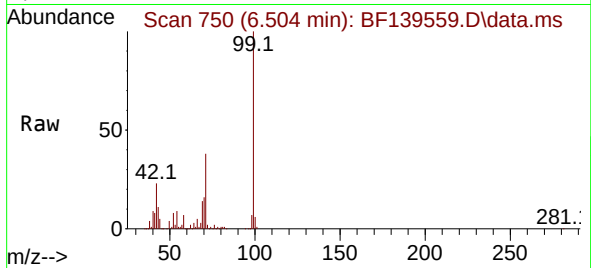
Tgt Ion: 99 Resp: 515831

Ion Ratio Lower Upper

99 100

42 23.4 21.9 32.9

71 37.5 34.6 52.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

Tgt Ion: 136 Resp: 256464

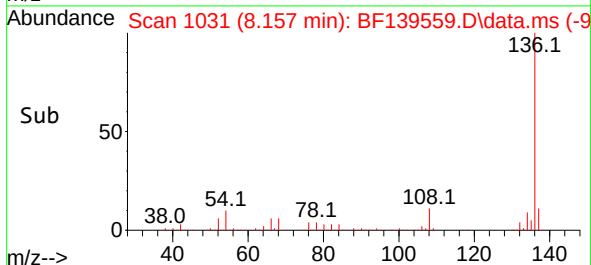
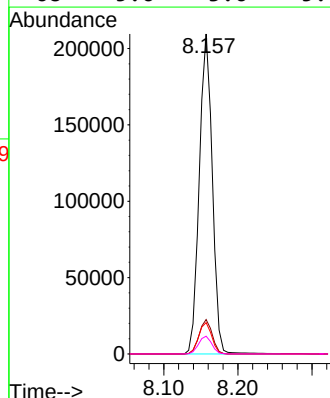
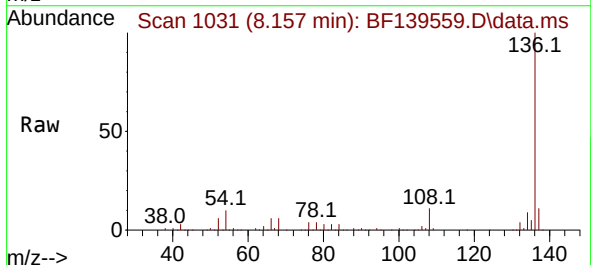
Ion Ratio Lower Upper

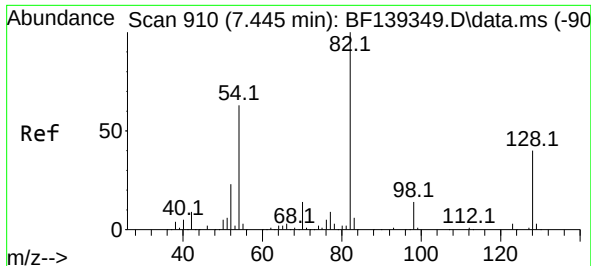
136 100

137 10.8 8.6 12.8

54 9.8 7.8 11.8

68 5.6 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 59.439 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

Instrument :

BNA_F

ClientSampleId :

TP-T

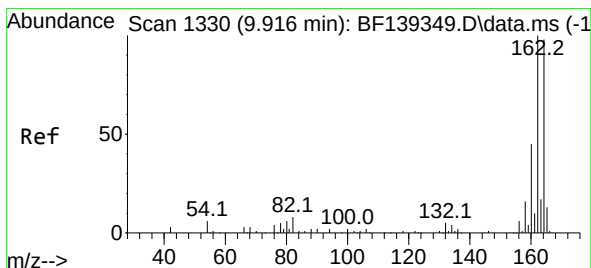
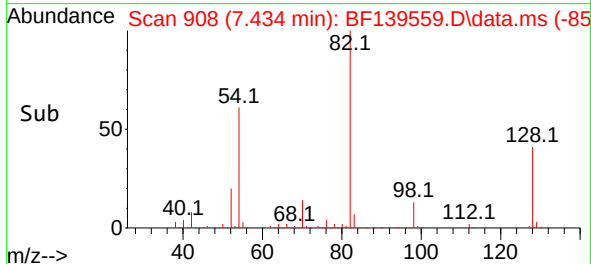
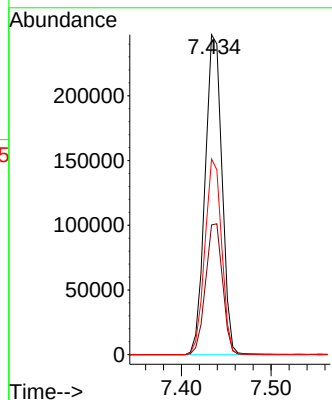
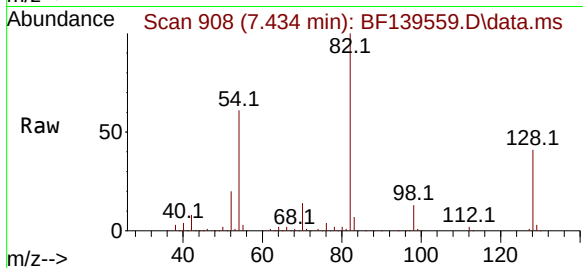
Tgt Ion: 82 Resp: 324262

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

54 61.2 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

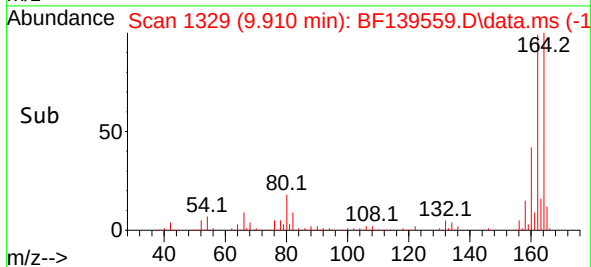
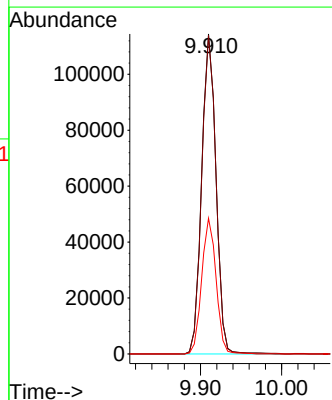
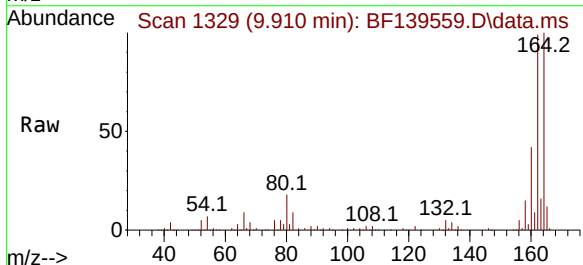
Tgt Ion:164 Resp: 140130

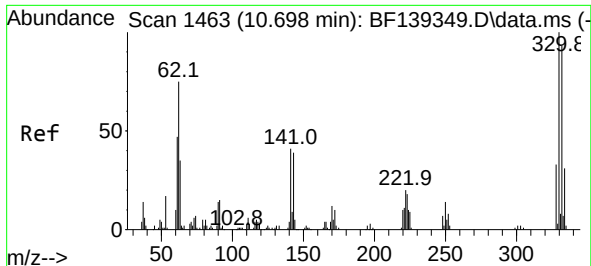
Ion Ratio Lower Upper

164 100

162 99.5 81.3 121.9

160 42.4 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 78.661 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139559.D

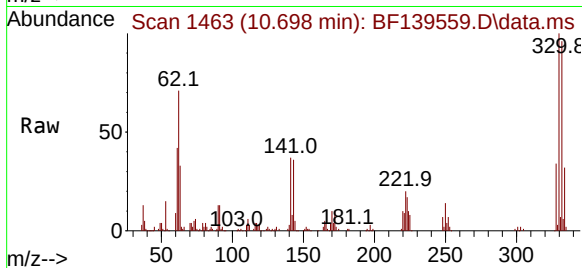
Acq: 26 Sep 2024 21:24

Instrument :

BNA_F

ClientSampleId :

TP-T



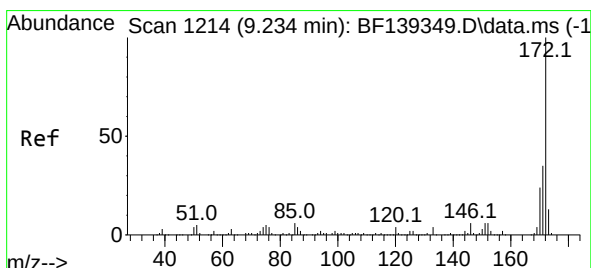
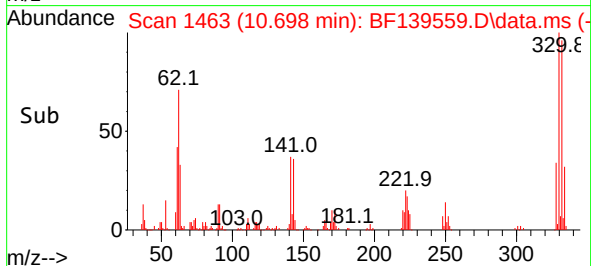
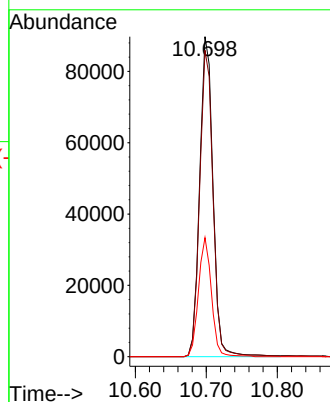
Tgt Ion:330 Resp: 117350

Ion Ratio Lower Upper

330 100

332 95.8 75.2 112.8

141 36.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 60.750 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

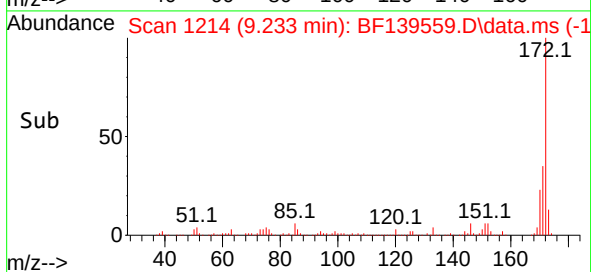
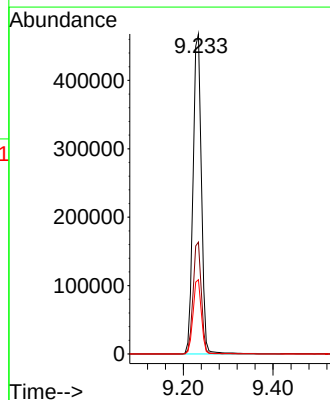
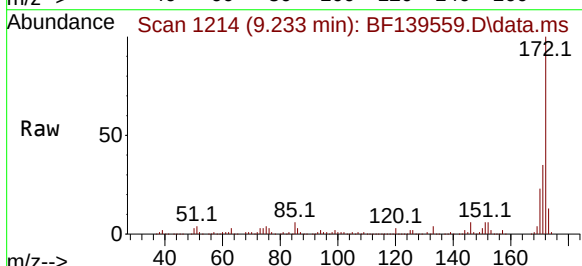
Tgt Ion:172 Resp: 606972

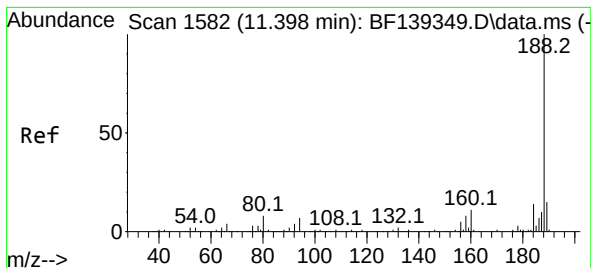
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 23.2 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

Instrument :

BNA_F

ClientSampleId :

TP-T

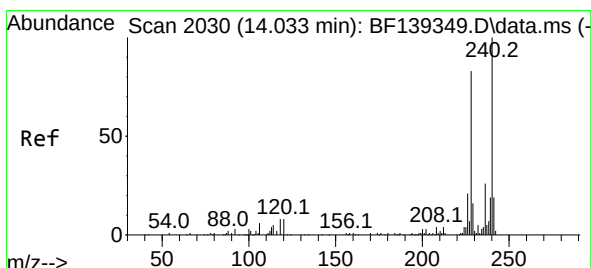
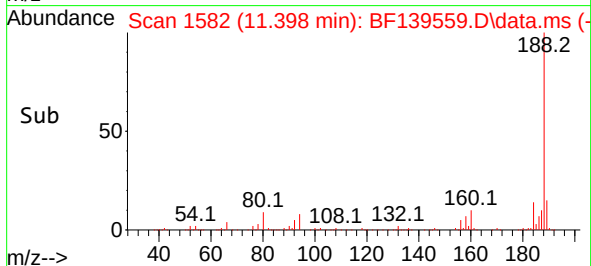
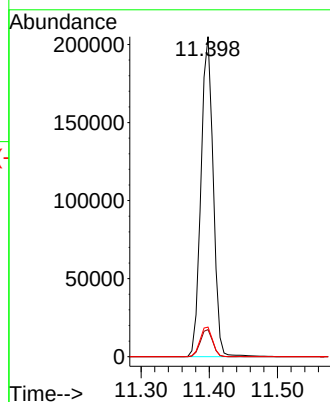
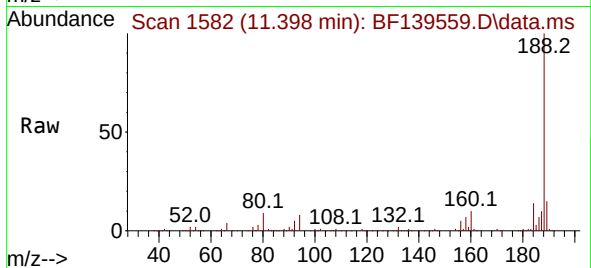
Tgt Ion:188 Resp: 256600

Ion Ratio Lower Upper

188 100

94 8.5 5.5 8.3#

80 9.2 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139559.D

Acq: 26 Sep 2024 21:24

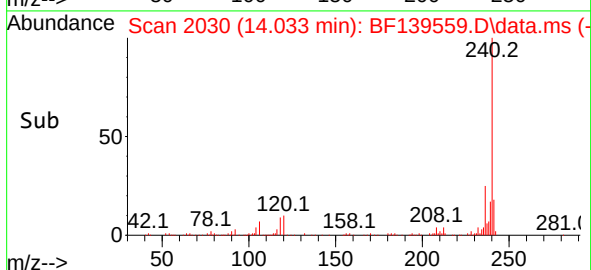
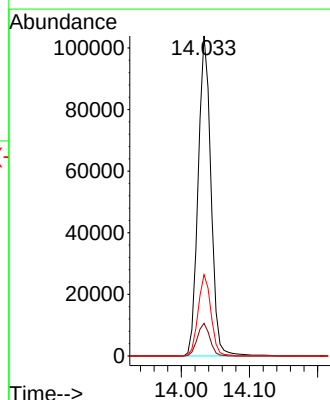
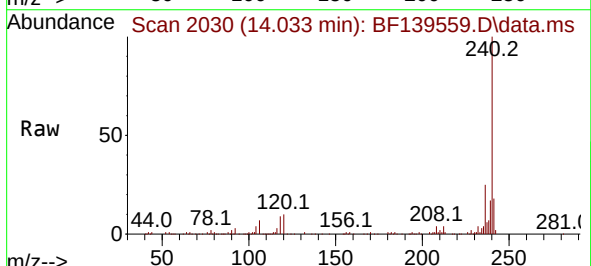
Tgt Ion:240 Resp: 134951

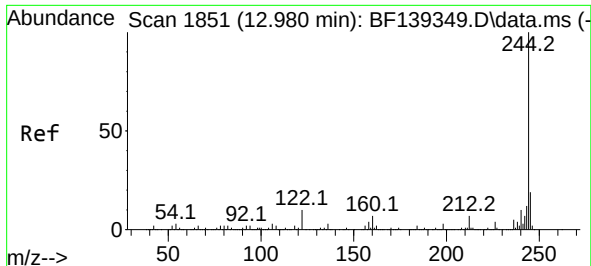
Ion Ratio Lower Upper

240 100

120 10.2 6.2 9.2#

236 25.4 20.9 31.3

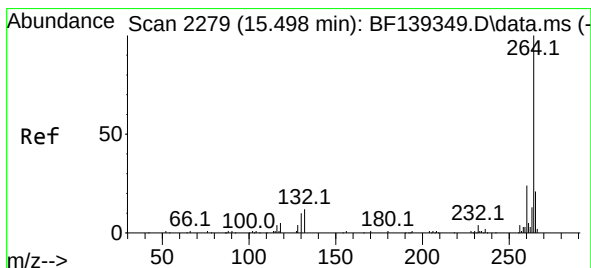
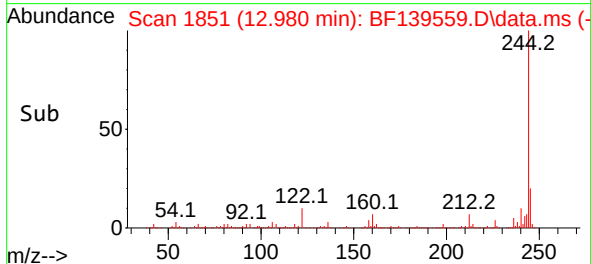
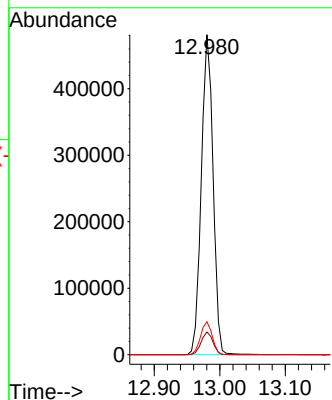
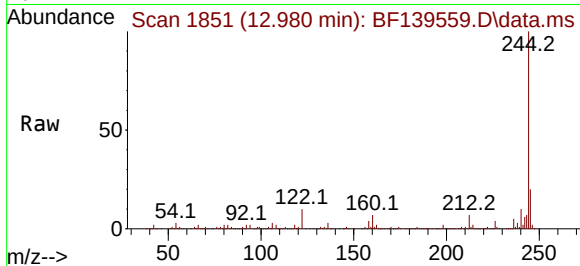




#79
Terphenyl-d14
Concen: 73.163 ng
RT: 12.980 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Instrument :
BNA_F
ClientSampleId :
TP-T

Tgt Ion:244 Resp: 601530
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.3 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.012 min
Lab File: BF139559.D
Acq: 26 Sep 2024 21:24

Tgt Ion:264 Resp: 134706
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.7 16.6 25.0

