

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140070.D
Acq On : 26 Oct 2024 20:05
Operator : RC/JU
Sample : P4508-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Oct 28 01:10:28 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	6.886	152	143289	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	572773	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	315839	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	493648	20.000	ng	0.00
76) Chrysene-d12	14.045	240	255382	20.000	ng	0.00
86) Perylene-d12	15.527	264	270585	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	713907	77.997	ng	0.00
7) Phenol-d6	6.504	99	920626	77.660	ng	0.00
23) Nitrobenzene-d5	7.445	82	603832	58.429	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	219519	74.306	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1100677	57.595	ng	0.00
79) Terphenyl-d14	12.992	244	802711	51.217	ng	0.00

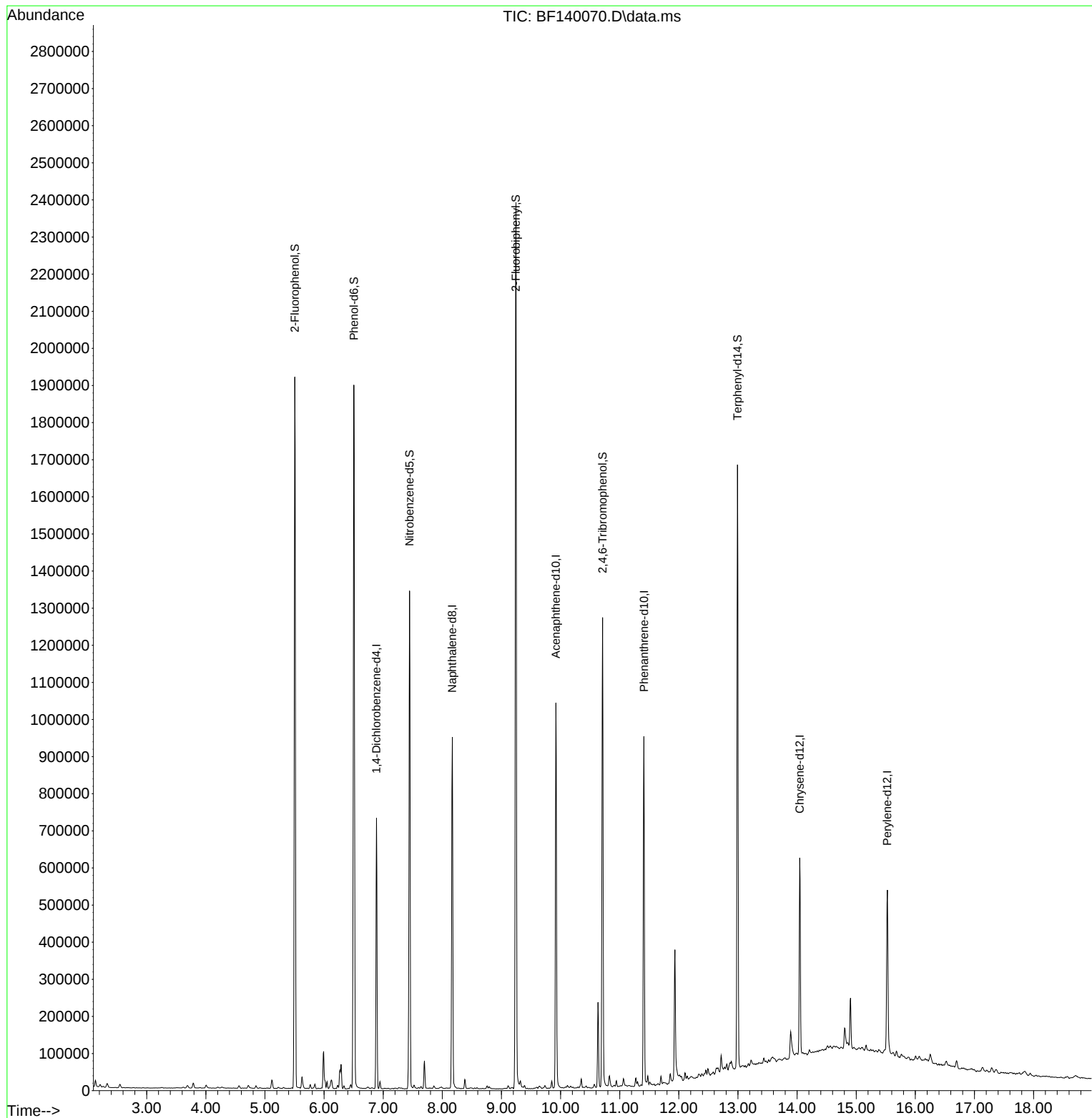
Target Compounds Qvalue

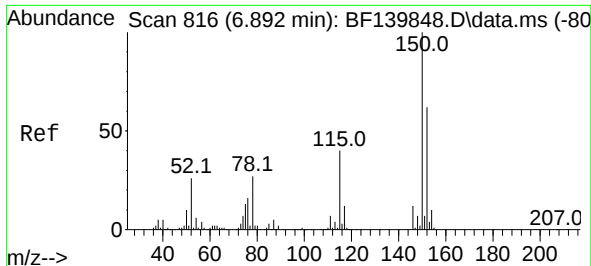
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
Data File : BF140070.D
Acq On : 26 Oct 2024 20:05
Operator : RC/JU
Sample : P4508-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Time: Oct 28 01:10:28 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

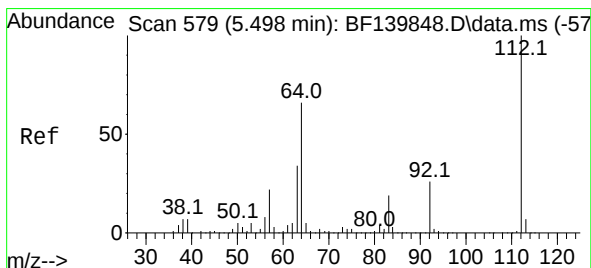
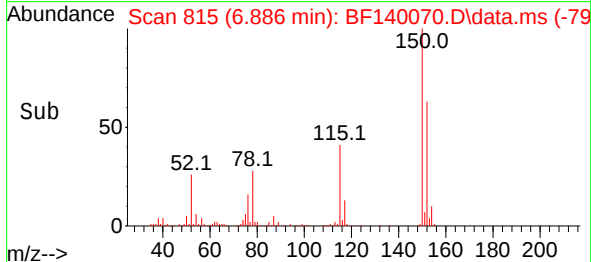
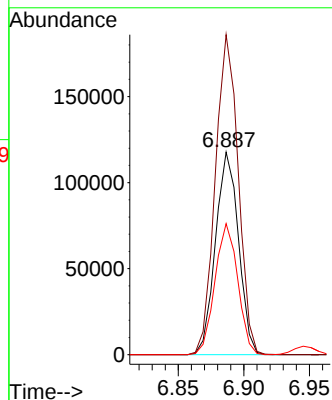
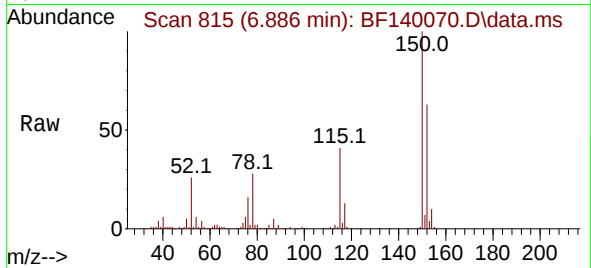




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

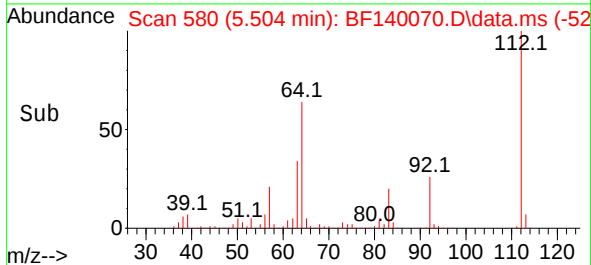
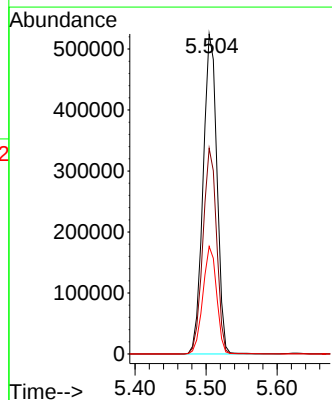
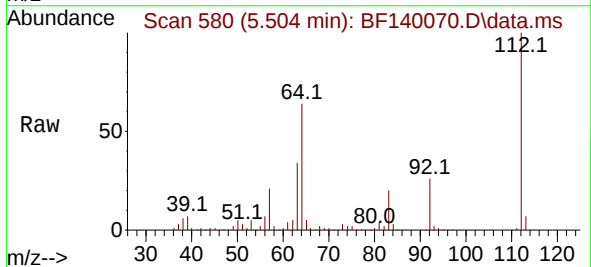
Instrument :
BNA_F
ClientSampleId :
TP-3

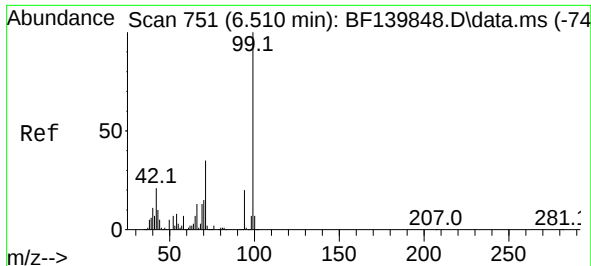
Tgt Ion:152 Resp: 143289
Ion Ratio Lower Upper
152 100
150 157.9 130.2 195.2
115 64.7 51.4 77.2



#5
2-Fluorophenol
Concen: 77.997 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion:112 Resp: 713907
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.6 27.0 40.4

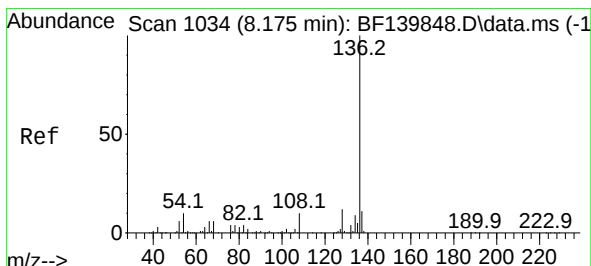
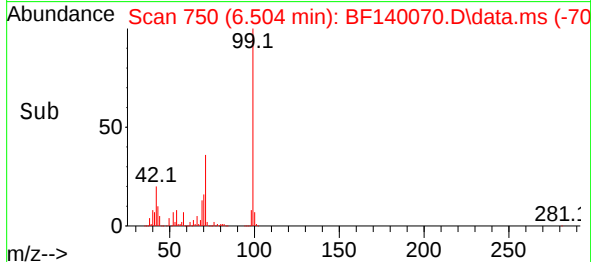
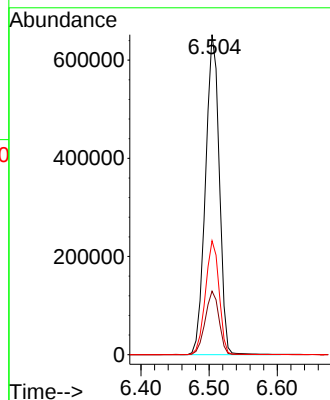
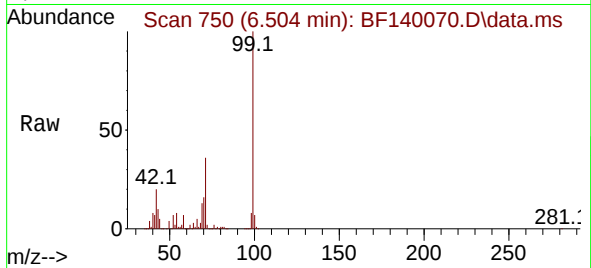




#7
Phenol-d6
Concen: 77.660 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

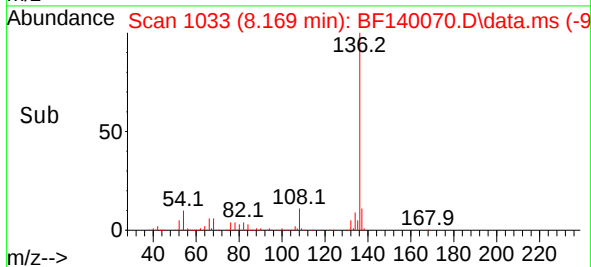
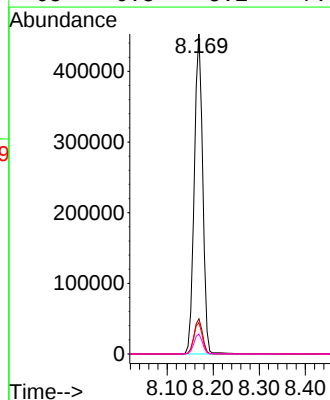
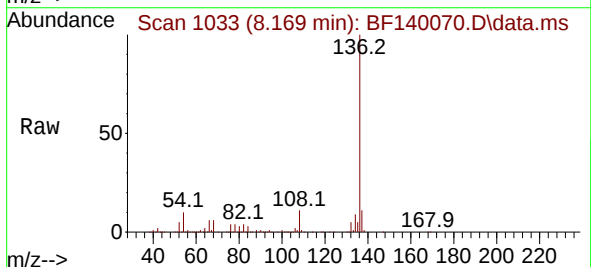
Instrument :
BNA_F
ClientSampleId :
TP-3

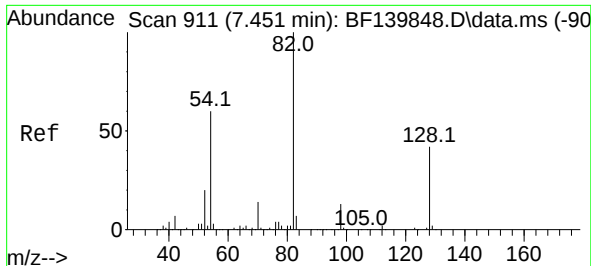
Tgt Ion: 99 Resp: 920626
Ion Ratio Lower Upper
99 100
42 19.8 16.7 25.1
71 35.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion: 136 Resp: 572773
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.8 8.4 12.6
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 58.429 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140070.D

Acq: 26 Oct 2024 20:05

Instrument :

BNA_F

ClientSampleId :

TP-3

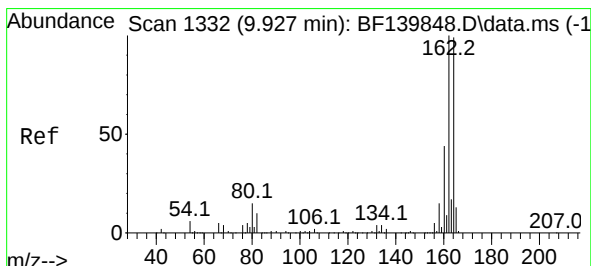
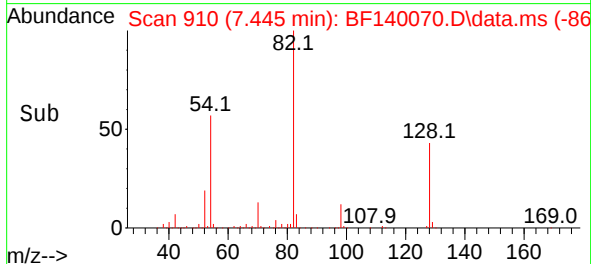
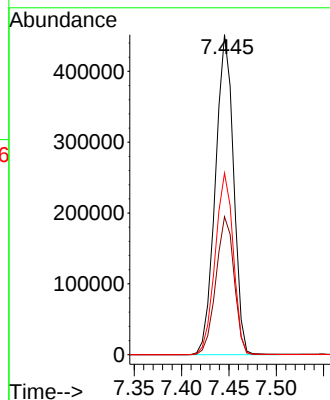
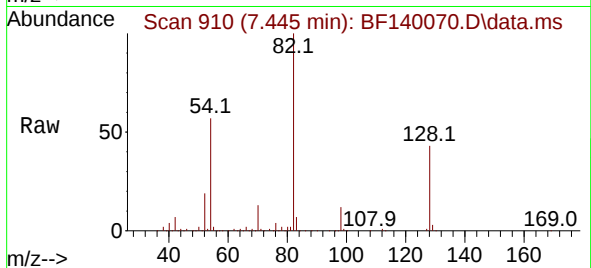
Tgt Ion: 82 Resp: 603832

Ion Ratio Lower Upper

82 100

128 43.1 33.4 50.0

54 56.7 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: BF140070.D

Acq: 26 Oct 2024 20:05

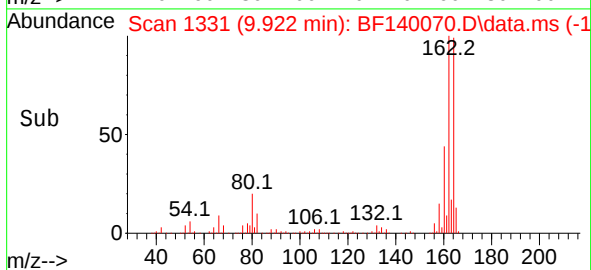
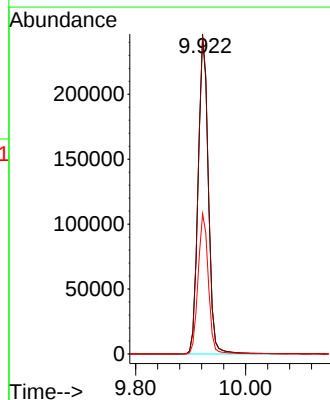
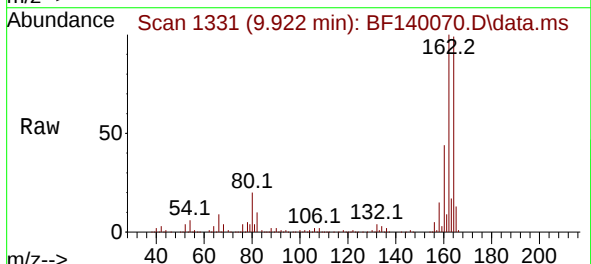
Tgt Ion: 164 Resp: 315839

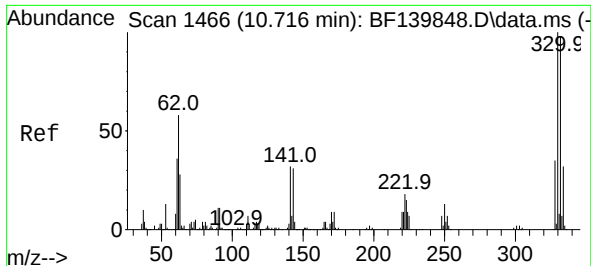
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 44.3 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 74.306 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF140070.D

Acq: 26 Oct 2024 20:05

Instrument :

BNA_F

ClientSampleId :

TP-3

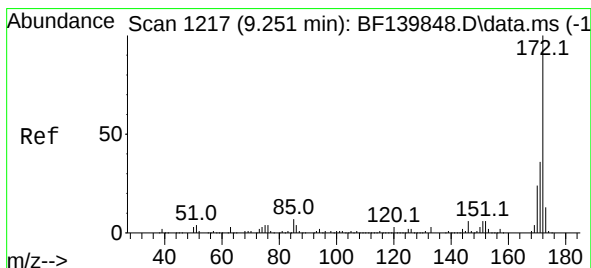
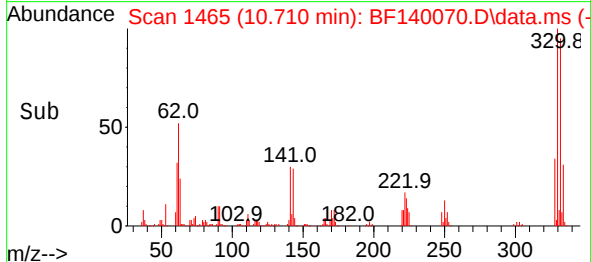
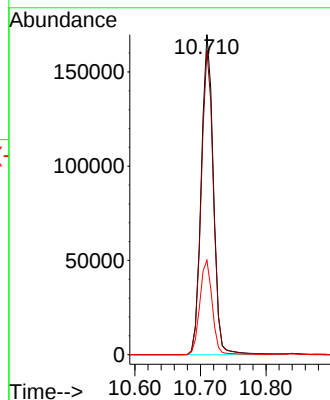
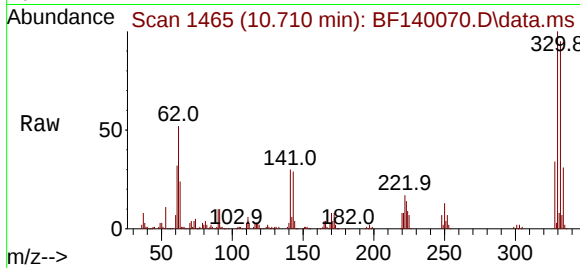
Tgt Ion:330 Resp: 219519

Ion Ratio Lower Upper

330 100

332 95.1 78.1 117.1

141 30.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 57.595 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140070.D

Acq: 26 Oct 2024 20:05

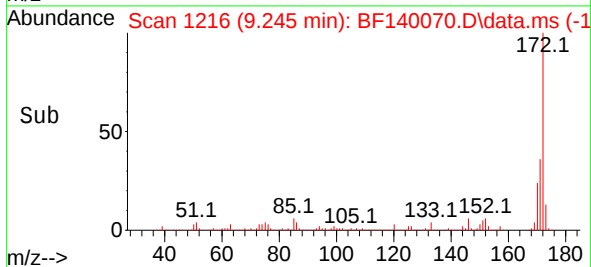
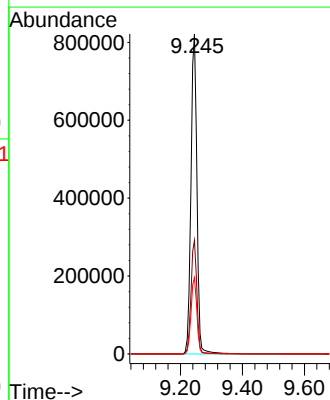
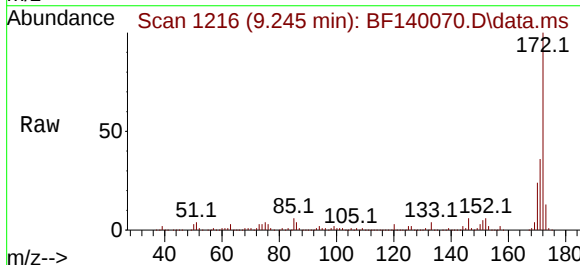
Tgt Ion:172 Resp: 1100677

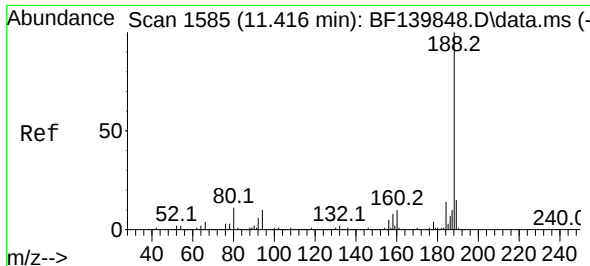
Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 19.1 28.7

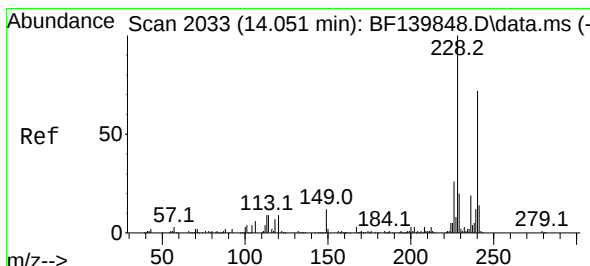
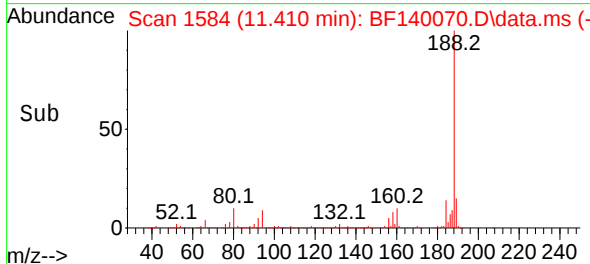
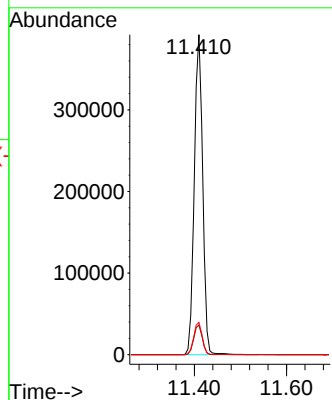
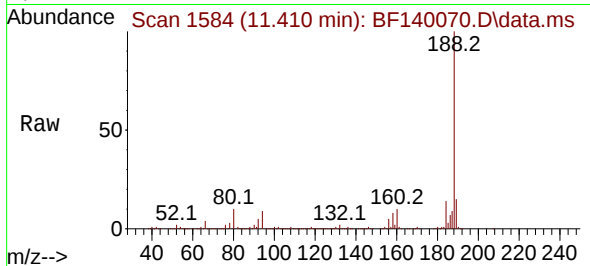




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

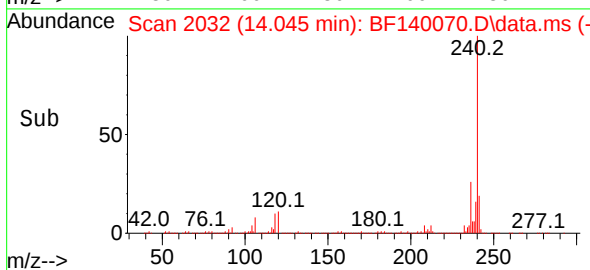
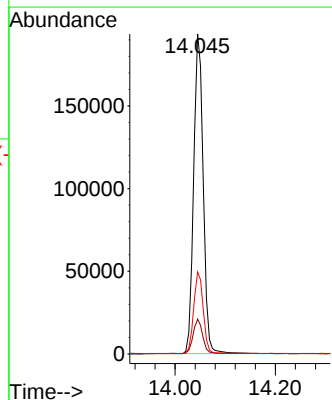
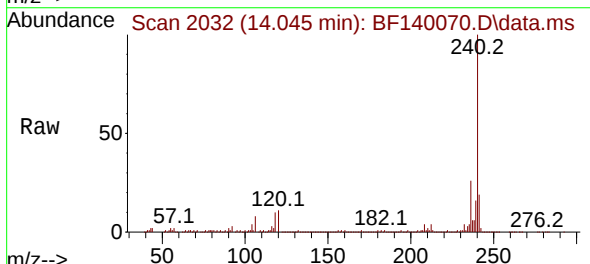
Instrument :
BNA_F
ClientSampleId :
TP-3

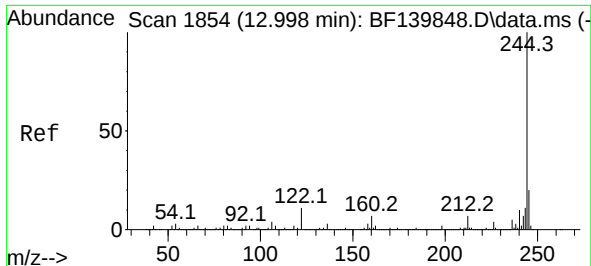
Tgt Ion:188 Resp: 493648
Ion Ratio Lower Upper
188 100
94 9.2 7.9 11.9
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

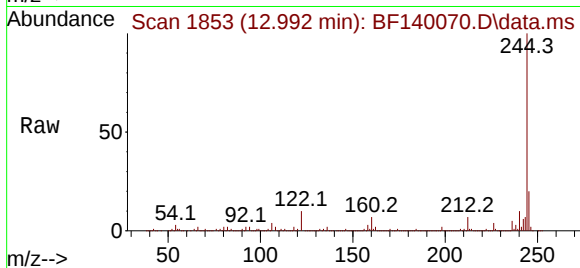
Tgt Ion:240 Resp: 255382
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.7 20.9 31.3



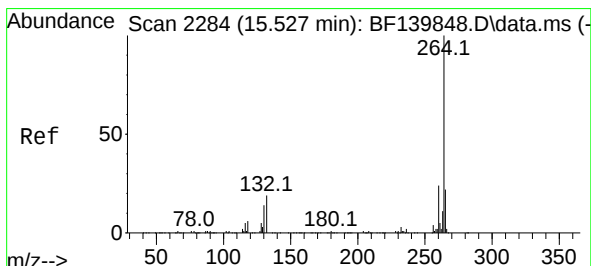
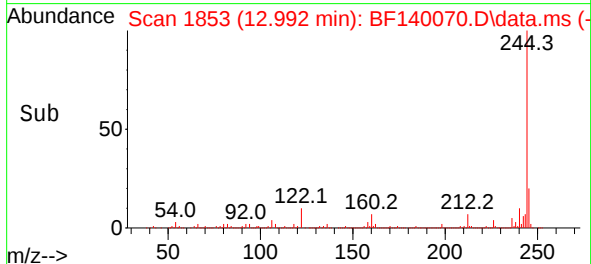
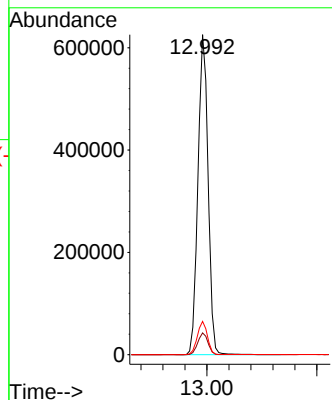


#79
Terphenyl-d14
Concen: 51.217 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140070.D
Acq: 26 Oct 2024 20:05

Instrument :
BNA_F
ClientSampleId :
TP-3



Tgt Ion:244 Resp: 802711
Ion Ratio Lower Upper
244 100
212 6.8 5.7 8.5
122 10.4 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: BF140070.D
Acq: 26 Oct 2024 20:05

Tgt Ion:264 Resp: 270585
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.6 17.4 26.0

