

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102624\
 Data File : BF140066.D
 Acq On : 26 Oct 2024 18:12
 Operator : RC/JU
 Sample : P4508-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Oct 28 01:09:33 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	144092	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	564473	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	326209	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	557096	20.000	ng	0.00
76) Chrysene-d12	14.045	240	274861	20.000	ng	0.00
86) Perylene-d12	15.527	264	292959	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	855271	92.921	ng	0.02
7) Phenol-d6	6.510	99	1006405	84.423	ng	0.00
23) Nitrobenzene-d5	7.445	82	796663	78.222	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	365874	119.909	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1475168	74.738	ng	0.00
79) Terphenyl-d14	12.992	244	1280821	75.932	ng	0.00

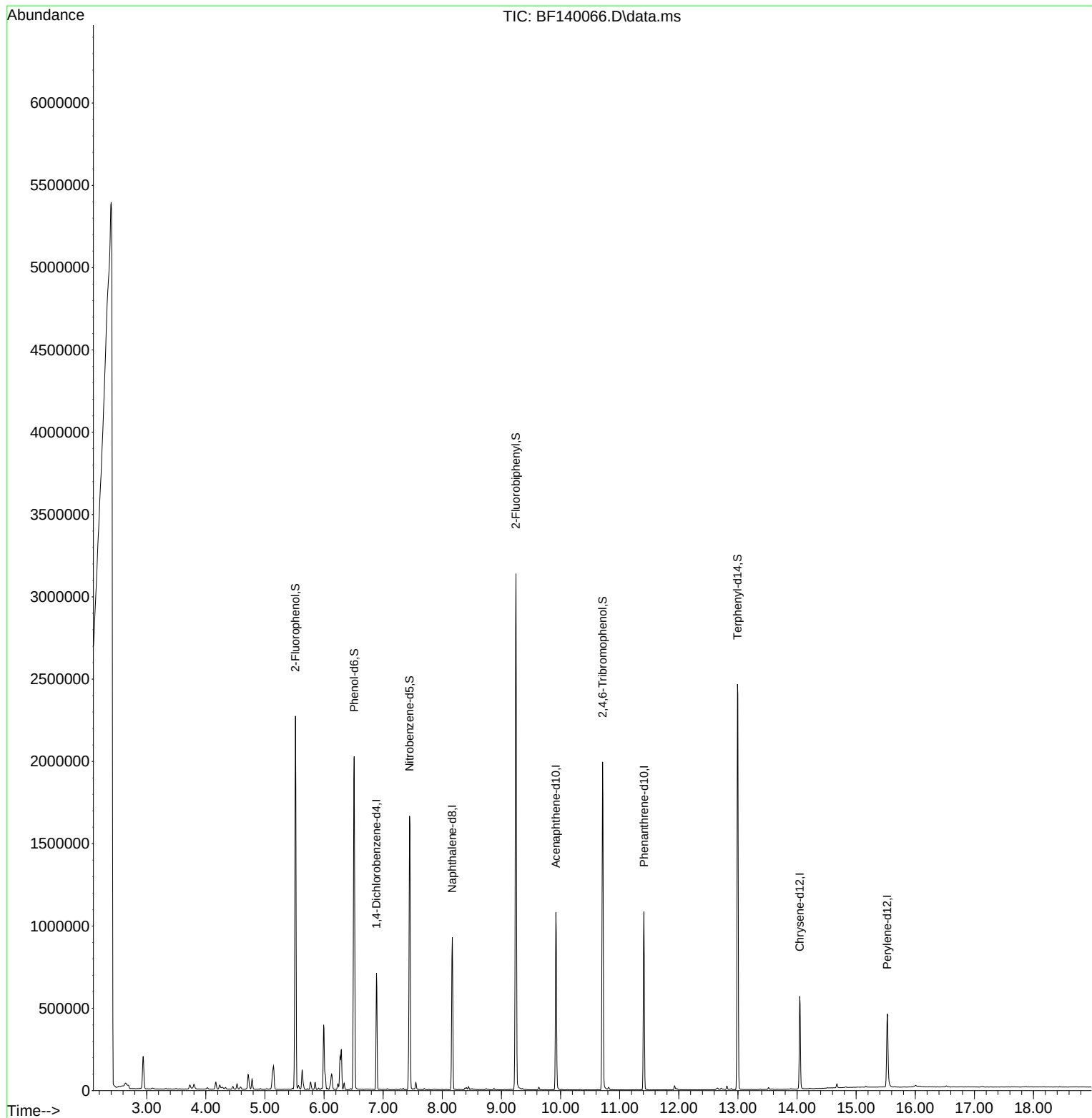
Target Compounds	Qvalue

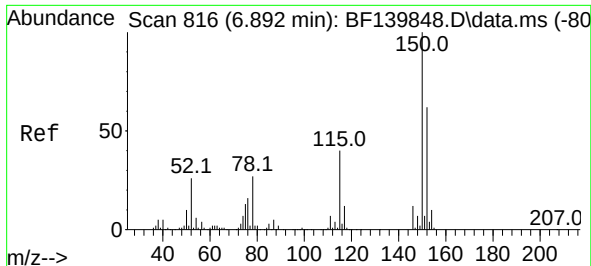
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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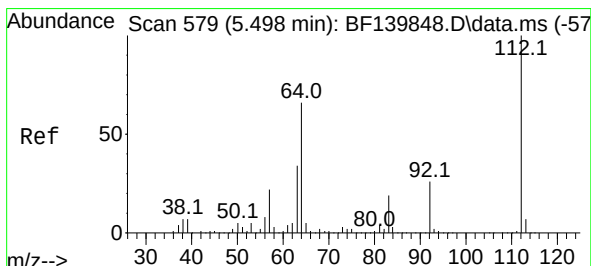
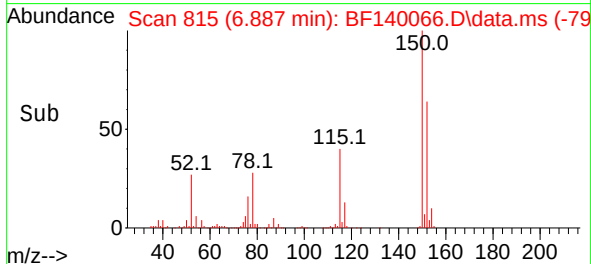
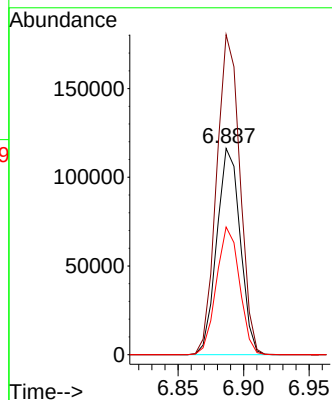
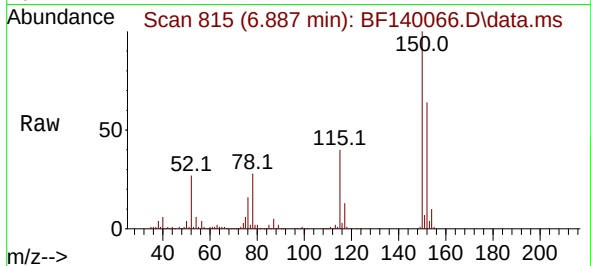




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140066.D
Acq: 26 Oct 2024 18:12

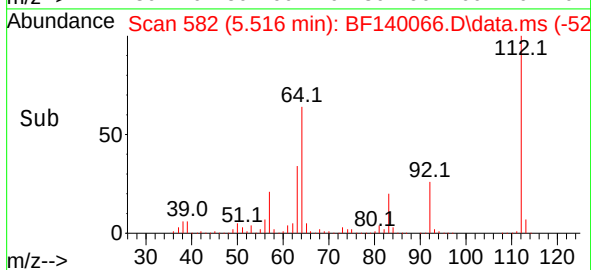
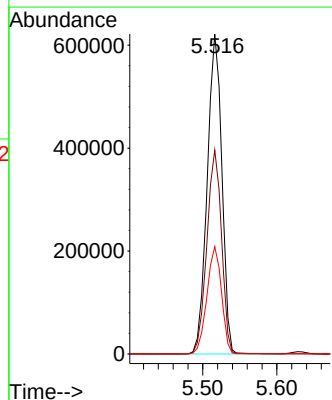
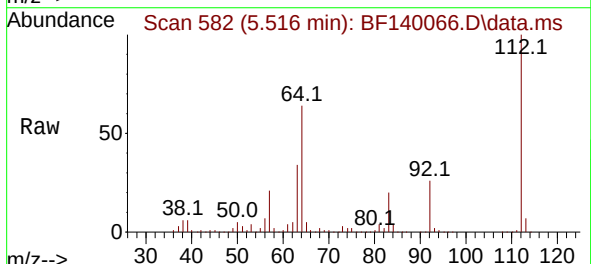
Instrument :
BNA_F
ClientSampleId :
TP-3

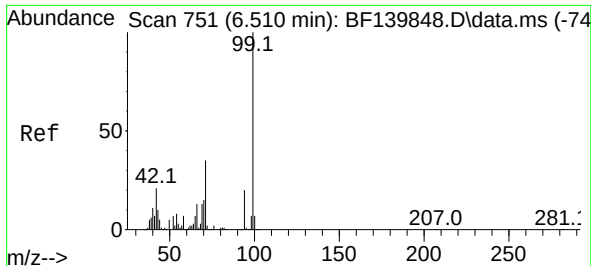
Tgt Ion:152 Resp: 144092
Ion Ratio Lower Upper
152 100
150 155.1 130.2 195.2
115 61.9 51.4 77.2



#5
2-Fluorophenol
Concen: 92.921 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140066.D
Acq: 26 Oct 2024 18:12

Tgt Ion:112 Resp: 855271
Ion Ratio Lower Upper
112 100
64 63.7 53.0 79.6
63 33.5 27.0 40.4

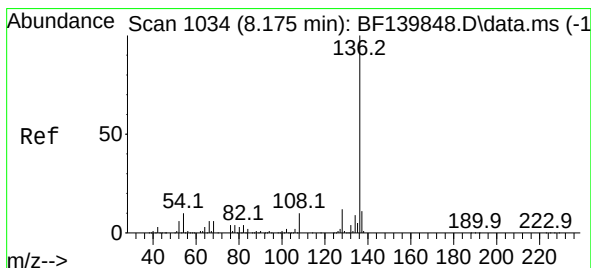
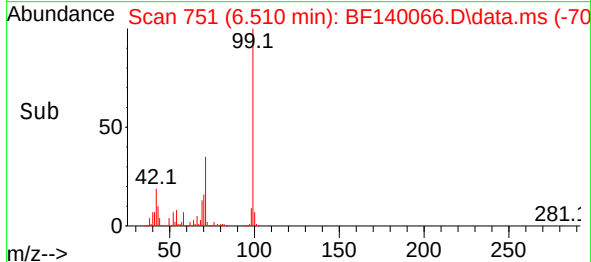
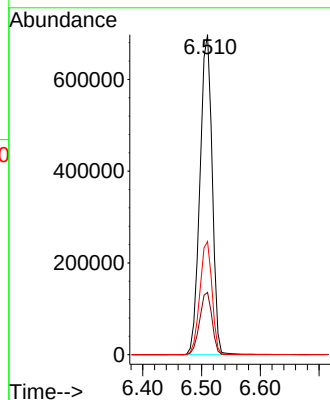
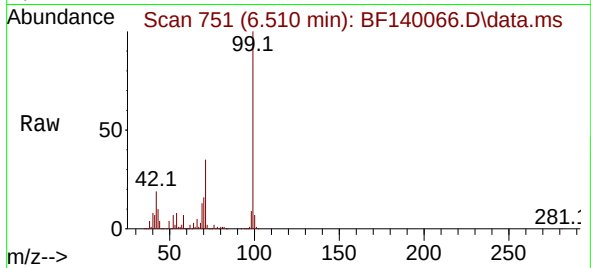




#7
Phenol-d6
Concen: 84.423 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF140066.D
Acq: 26 Oct 2024 18:12

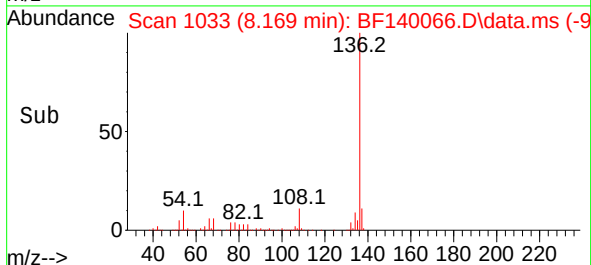
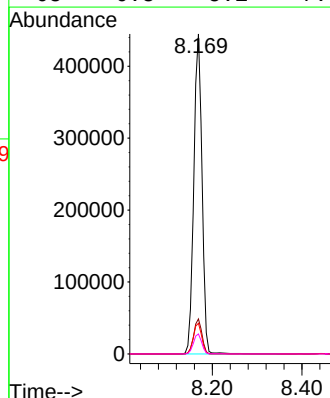
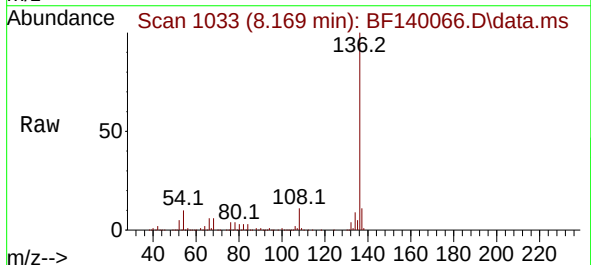
Instrument :
BNA_F
ClientSampleId :
TP-3

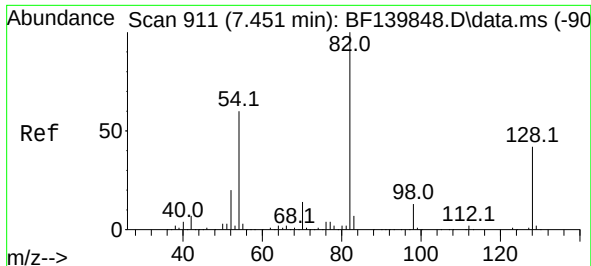
Tgt Ion: 99 Resp: 1006405
Ion Ratio Lower Upper
99 100
42 19.4 16.7 25.1
71 35.3 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140066.D
Acq: 26 Oct 2024 18:12

Tgt Ion: 136 Resp: 564473
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.6 8.4 12.6
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 78.222 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF140066.D

Acq: 26 Oct 2024 18:12

Instrument :

BNA_F

ClientSampleId :

TP-3

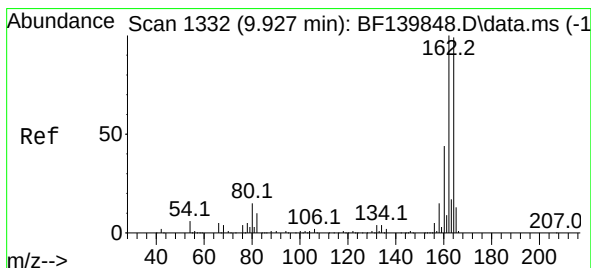
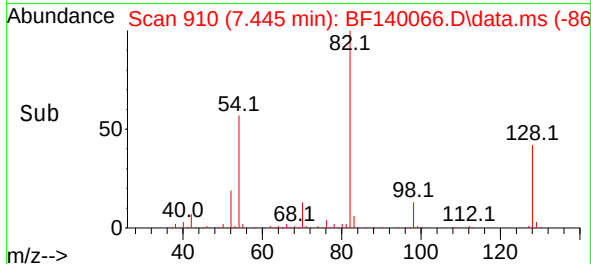
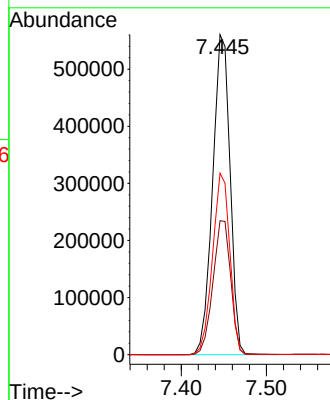
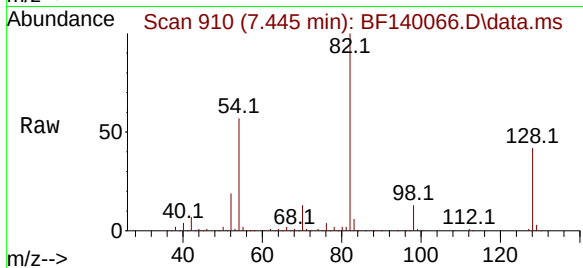
Tgt Ion: 82 Resp: 796663

Ion Ratio Lower Upper

82 100

128 41.9 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: BF140066.D

Acq: 26 Oct 2024 18:12

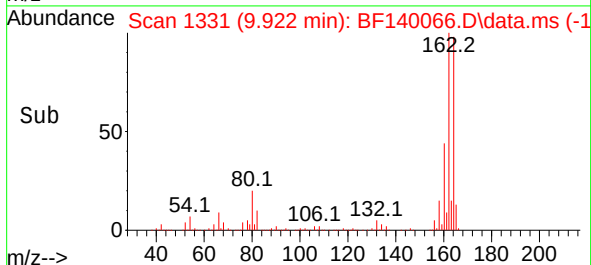
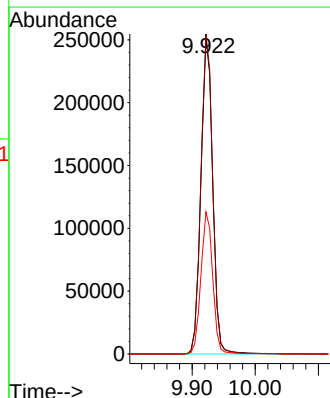
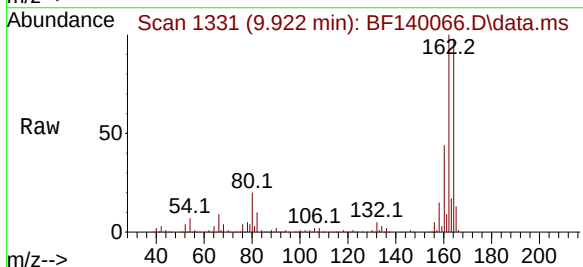
Tgt Ion:164 Resp: 326209

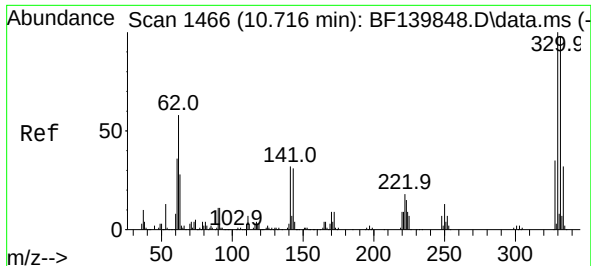
Ion Ratio Lower Upper

164 100

162 101.6 81.0 121.4

160 45.0 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 119.909 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF140066.D

Acq: 26 Oct 2024 18:12

Instrument :

BNA_F

ClientSampleId :

TP-3

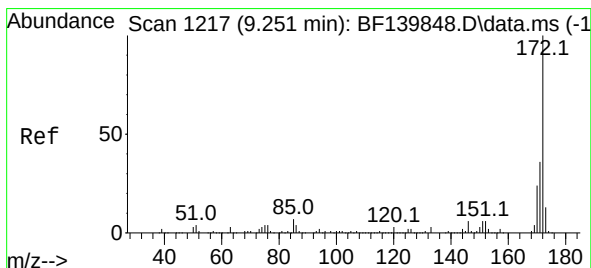
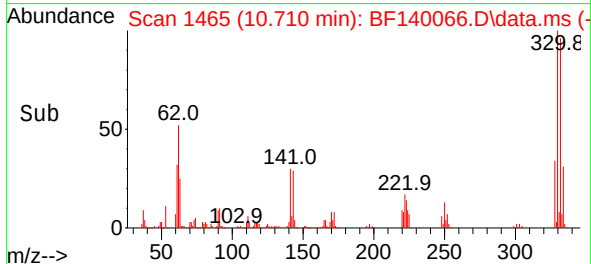
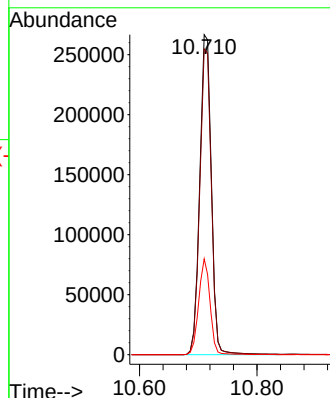
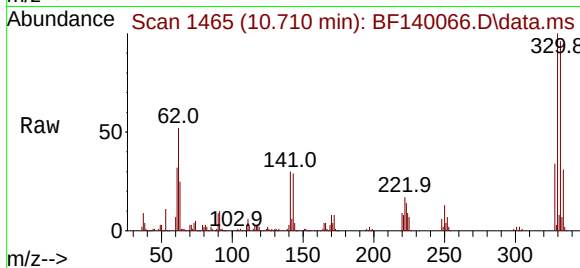
Tgt Ion:330 Resp: 365874

Ion Ratio Lower Upper

330 100

332 95.5 78.1 117.1

141 29.2 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 74.738 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF140066.D

Acq: 26 Oct 2024 18:12

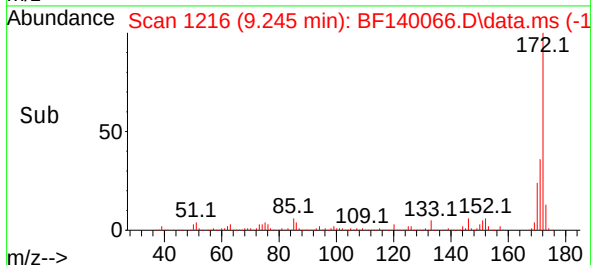
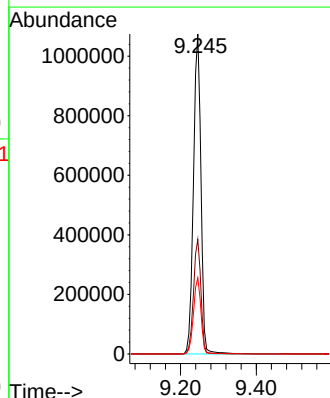
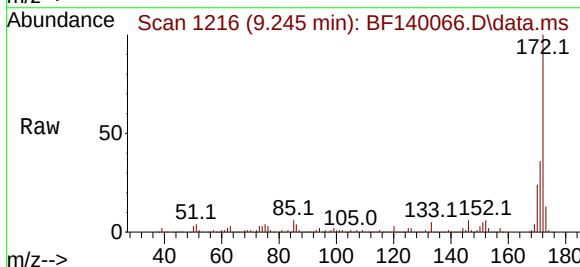
Tgt Ion:172 Resp: 1475168

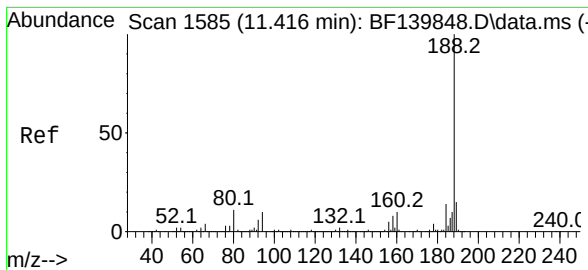
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.8 19.1 28.7

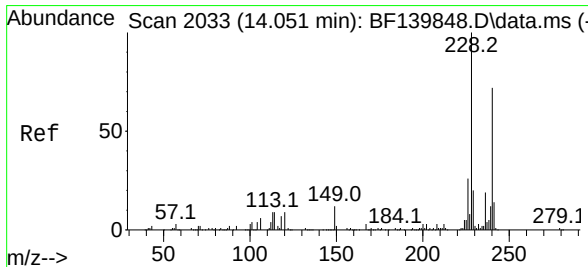
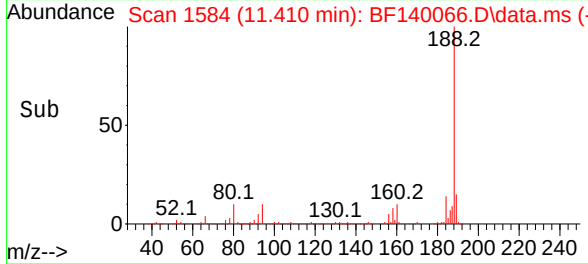
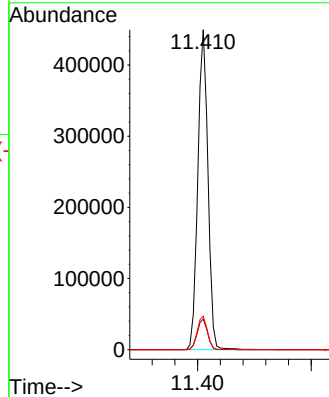
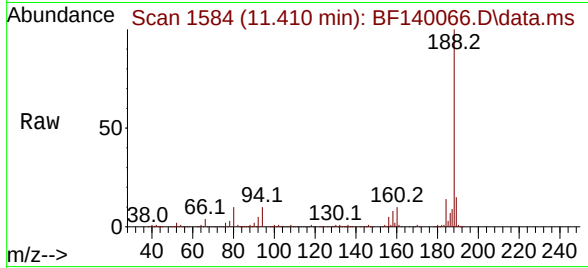




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140066.D
Acq: 26 Oct 2024 18:12

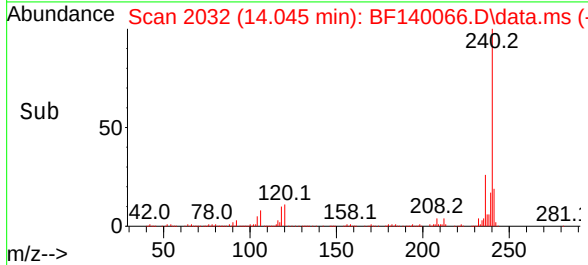
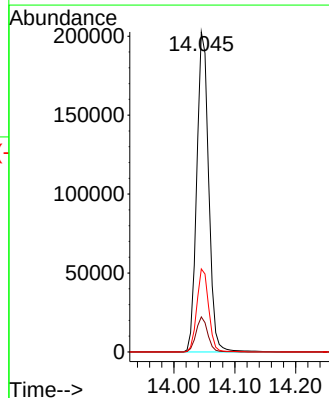
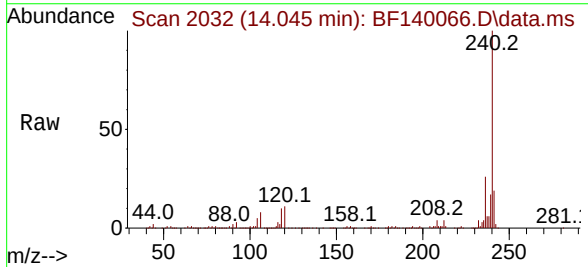
Instrument :
BNA_F
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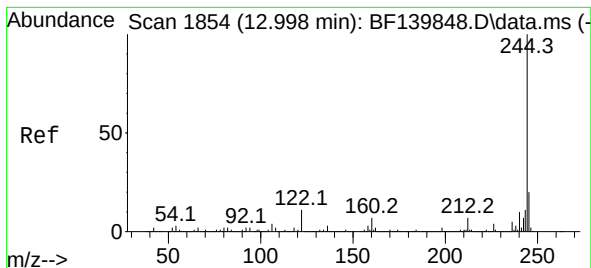
Tgt Ion:188 Resp: 557096
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.5 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140066.D
Acq: 26 Oct 2024 18:12

Tgt Ion:240 Resp: 274861
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 75.932 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140066.D

Acq: 26 Oct 2024 18:12

Instrument :

BNA_F

ClientSampleId :

TP-3

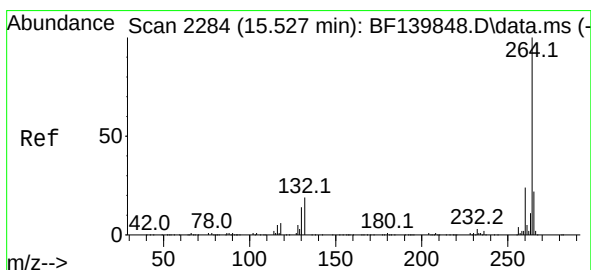
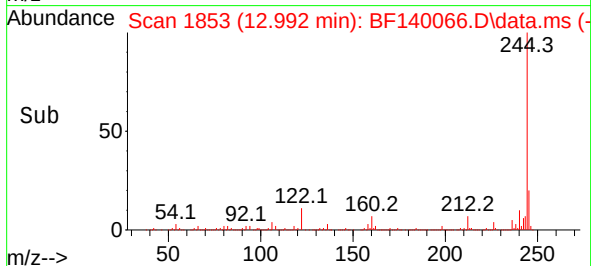
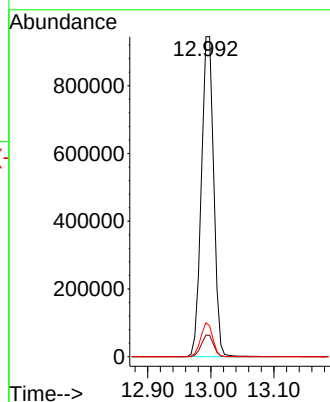
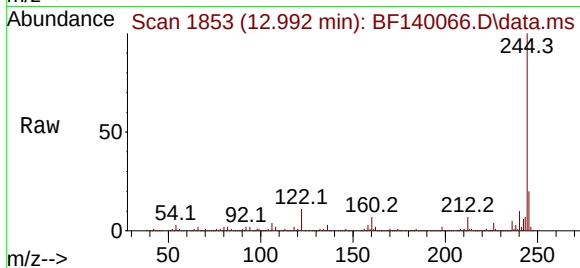
Tgt Ion:244 Resp: 1280821

Ion Ratio Lower Upper

244 100

212 6.8 5.7 8.5

122 10.6 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: BF140066.D

Acq: 26 Oct 2024 18:12

Tgt Ion:264 Resp: 292959

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.2 17.4 26.0

