

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140168.D
 Acq On : 30 Oct 2024 19:58
 Operator : RC/JU
 Sample : P4594-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Nov 01 02:18:53 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	84101	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	295825	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	132948	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	226502	20.000	ng	0.00
76) Chrysene-d12	14.080	240	215715	20.000	ng	0.03
86) Perylene-d12	15.604	264	163908	20.000	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	445865	82.995	ng	0.00
7) Phenol-d6	6.504	99	541947	77.890	ng	0.00
23) Nitrobenzene-d5	7.439	82	342965	64.255	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	102281	82.249	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	512531	63.714	ng	-0.01
79) Terphenyl-d14	13.010	244	547674	41.371	ng	0.01

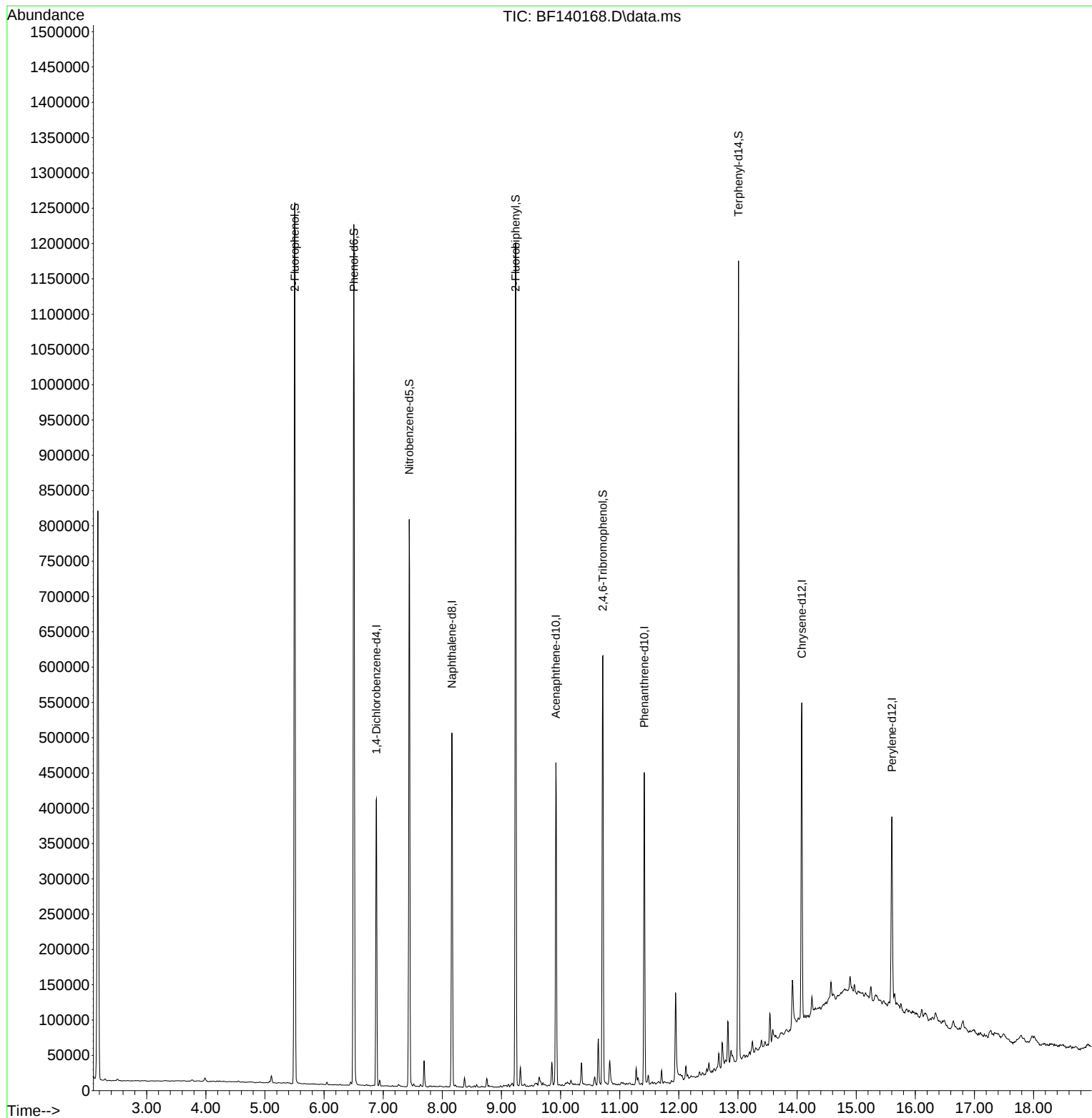
Target Compounds	Qvalue

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

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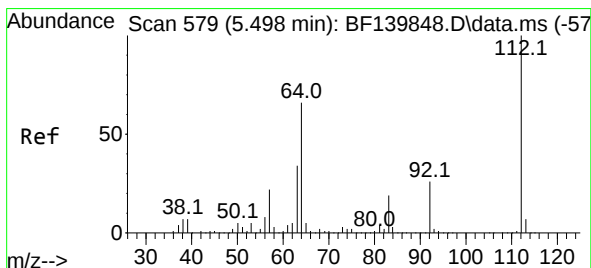
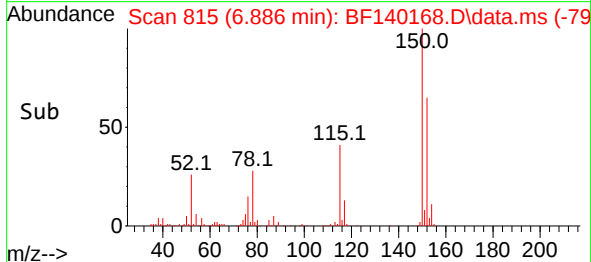
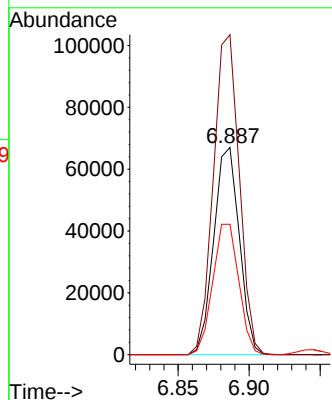
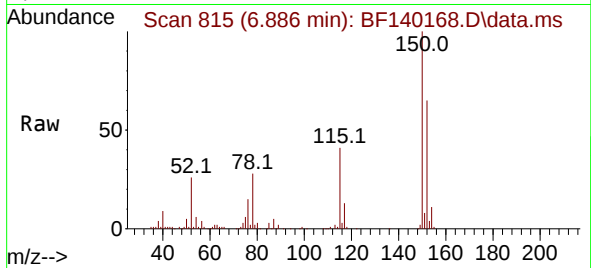




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

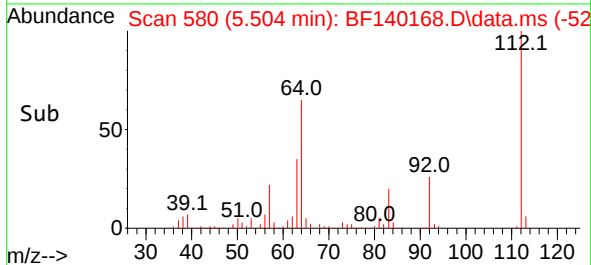
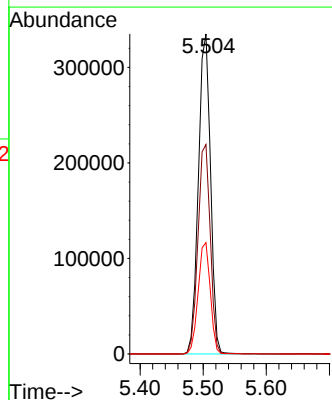
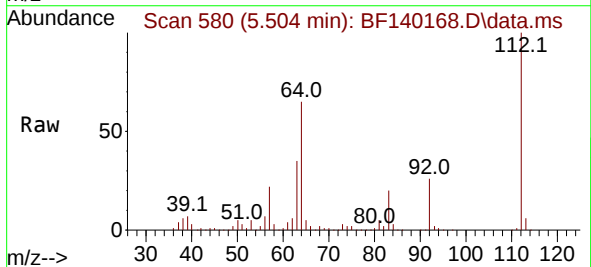
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion:152 Resp: 84101
Ion Ratio Lower Upper
152 100
150 154.4 130.2 195.2
115 62.9 51.4 77.2



#5
2-Fluorophenol
Concen: 82.995 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

Tgt Ion:112 Resp: 445865
Ion Ratio Lower Upper
112 100
64 65.5 53.0 79.6
63 34.8 27.0 40.4





#7

Phenol-d6

Concen: 77.890 ng

RT: 6.504 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

Instrument :

BNA_F

ClientSampleId :

TP-4

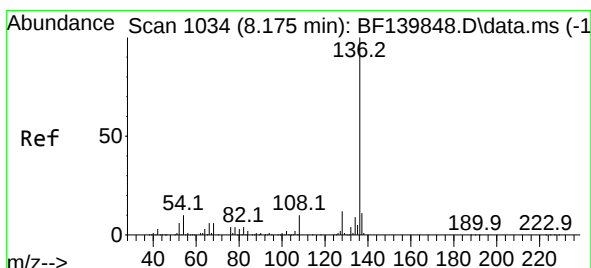
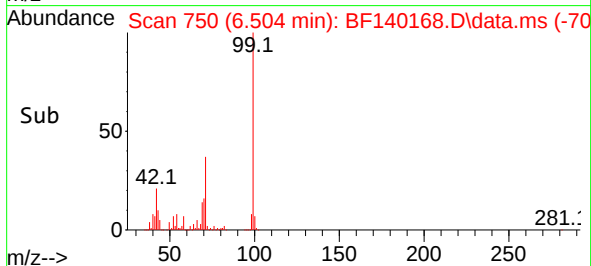
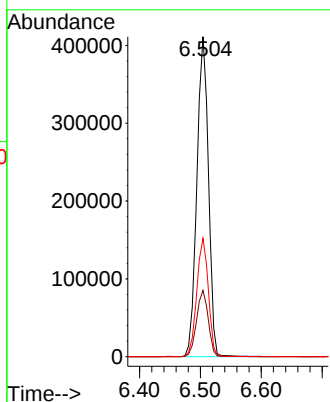
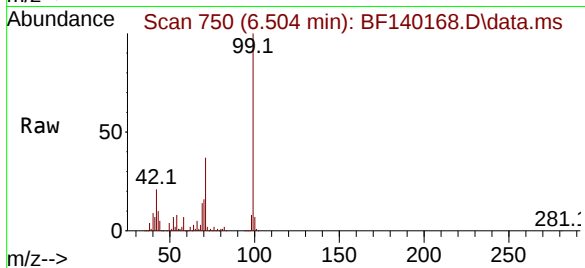
Tgt Ion: 99 Resp: 541947

Ion Ratio Lower Upper

99 100

42 20.7 16.7 25.1

71 37.0 27.7 41.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1032

Delta R.T. -0.012 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

Tgt Ion: 136 Resp: 295825

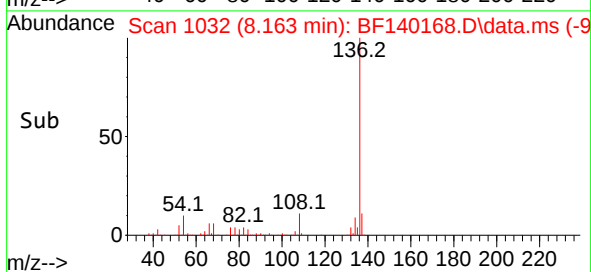
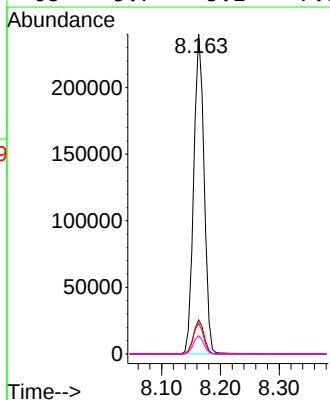
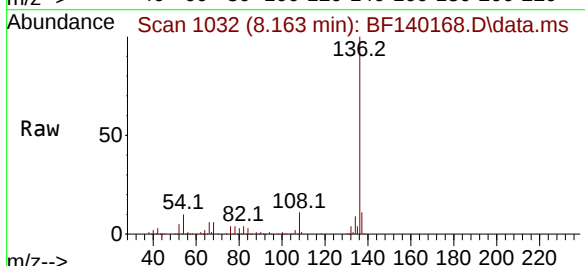
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.6 8.4 12.6

68 5.7 5.1 7.7

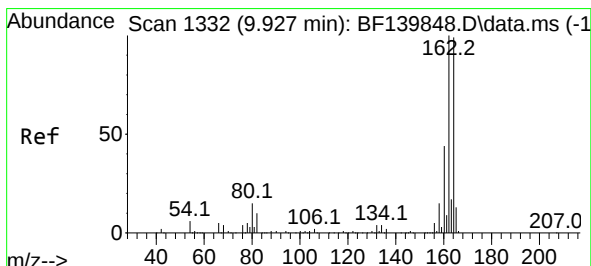
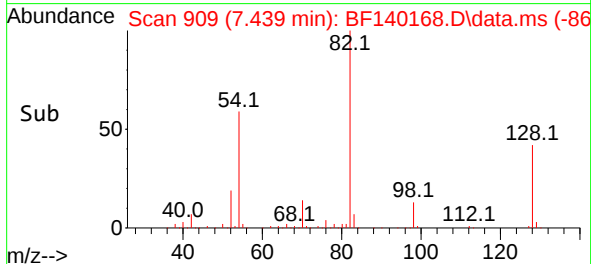
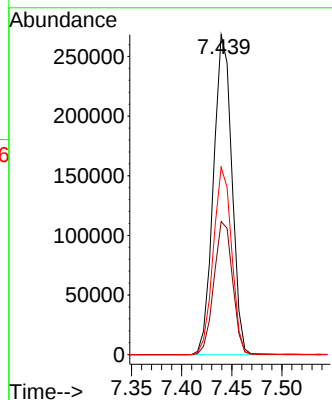
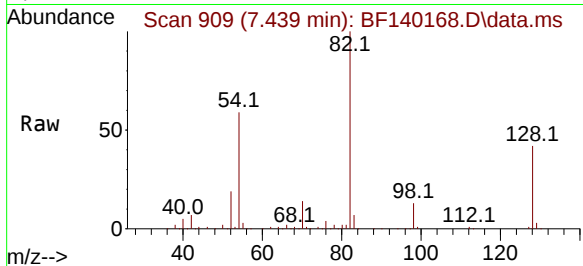




#23
Nitrobenzene-d5
Concen: 64.255 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

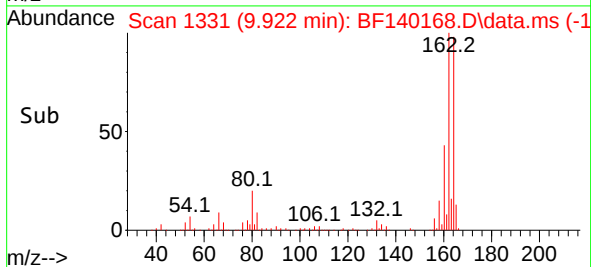
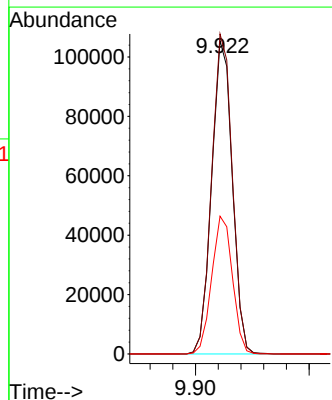
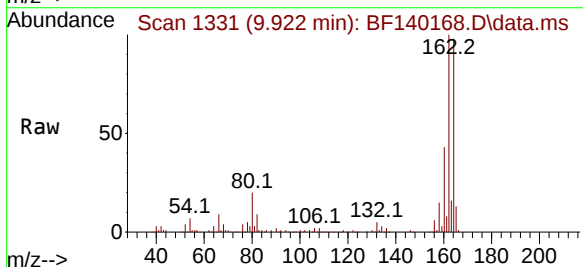
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 82 Resp: 342965
Ion Ratio Lower Upper
82 100
128 41.6 33.4 50.0
54 58.6 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: BF140168.D
Acq: 30 Oct 2024 19:58

Tgt Ion: 164 Resp: 132948
Ion Ratio Lower Upper
164 100
162 102.1 81.0 121.4
160 44.0 35.4 53.0

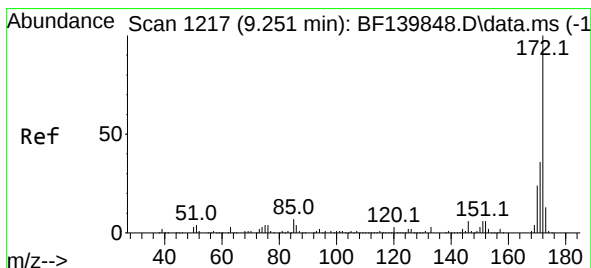
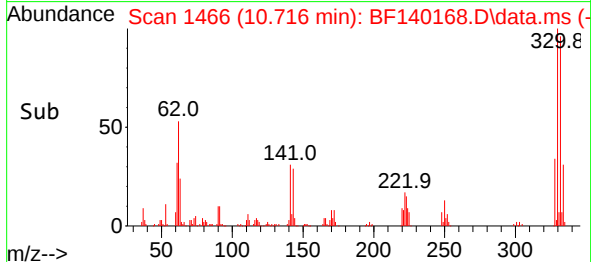
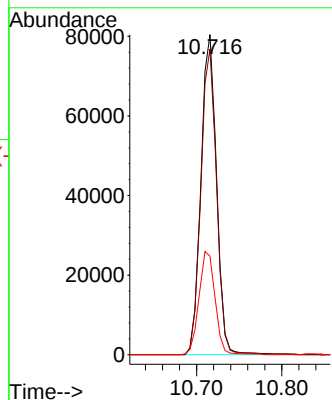
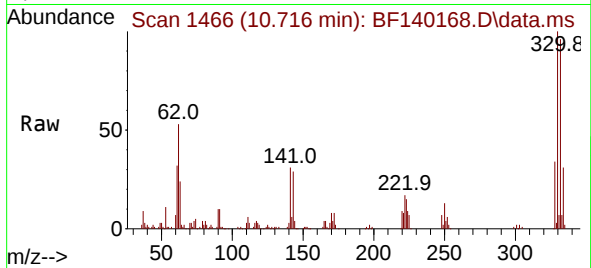




#42
2,4,6-Tribromophenol
Concen: 82.249 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

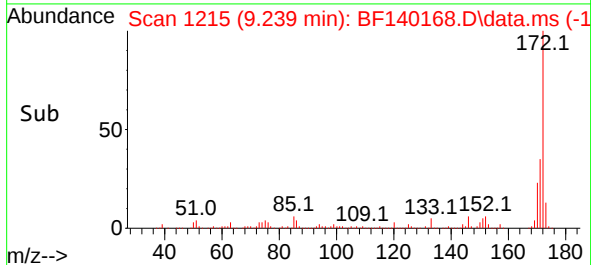
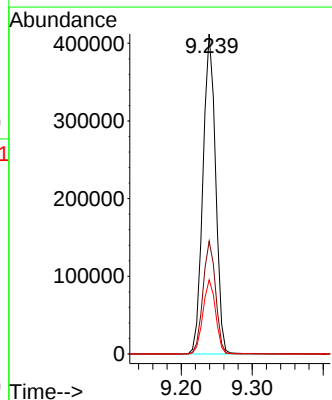
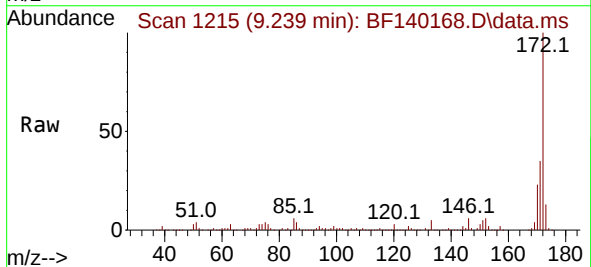
Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 330 Resp: 102281
Ion Ratio Lower Upper
330 100
332 95.5 78.1 117.1
141 33.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 63.714 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140168.D
Acq: 30 Oct 2024 19:58

Tgt Ion: 172 Resp: 512531
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.2 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

Instrument :

BNA_F

ClientSampleId :

TP-4

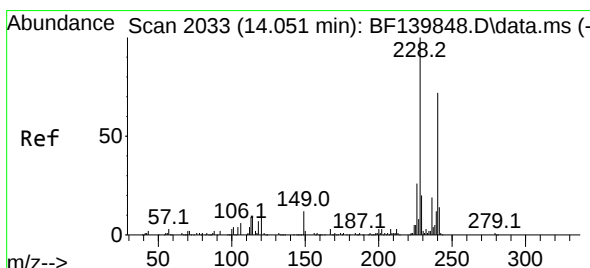
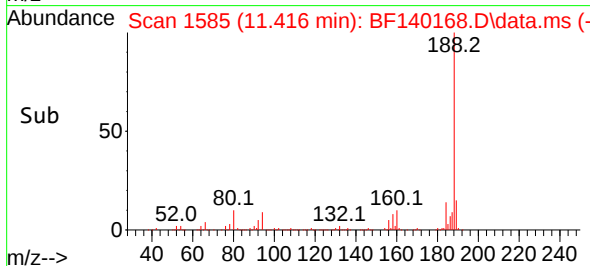
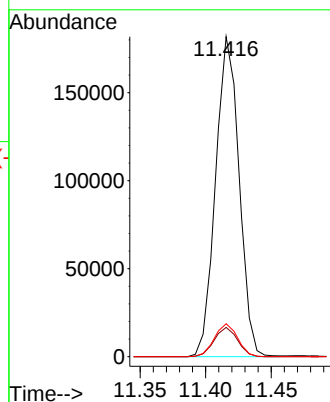
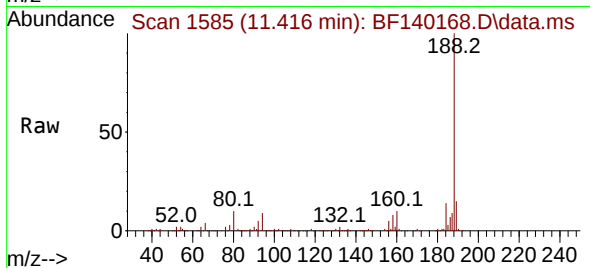
Tgt Ion:188 Resp: 226502

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

80 10.3 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.029 min

Lab File: BF140168.D

Acq: 30 Oct 2024 19:58

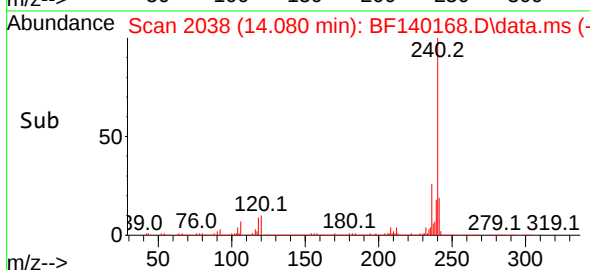
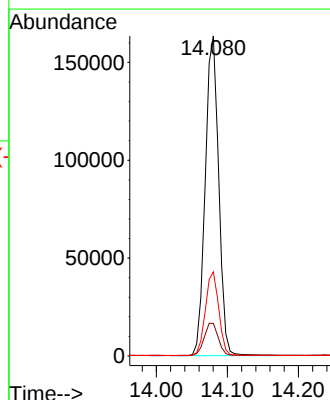
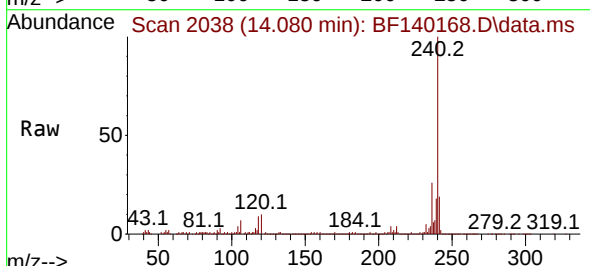
Tgt Ion:240 Resp: 215715

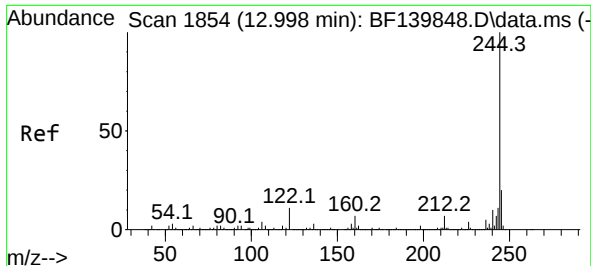
Ion Ratio Lower Upper

240 100

120 10.2 9.4 14.2

236 26.3 20.9 31.3

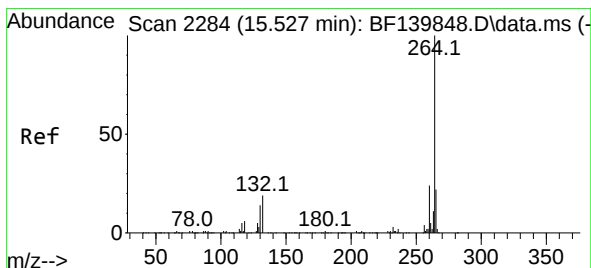
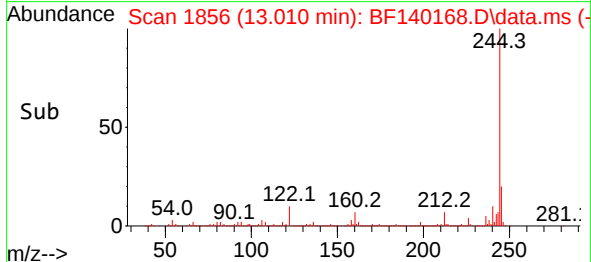
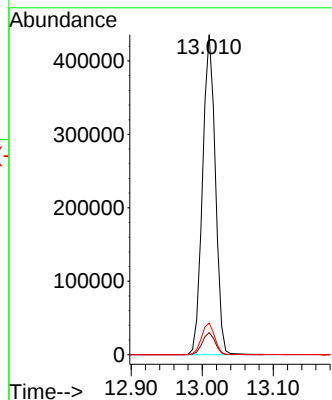
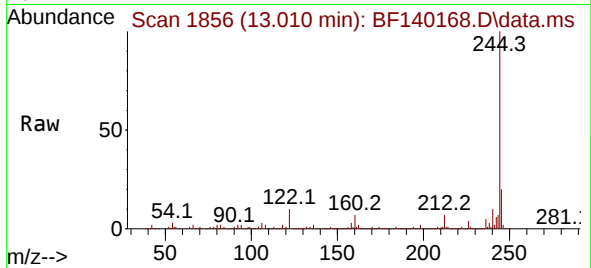




#79
 Terphenyl-d14
 Concen: 41.371 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. 0.012 min
 Lab File: BF140168.D
 Acq: 30 Oct 2024 19:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 547674
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.604 min Scan# 2297
 Delta R.T. 0.077 min
 Lab File: BF140168.D
 Acq: 30 Oct 2024 19:58

Tgt Ion:264 Resp: 163908
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 21.4 17.4 26.0

