

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103024\
 Data File : BF140155.D
 Acq On : 30 Oct 2024 14:14
 Operator : RC/JU
 Sample : P4611-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Quant Time: Oct 30 14:53:39 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	6.881	152	107961	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	415665	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	224597	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	392876	20.000	ng	0.00
76) Chrysene-d12	14.062	240	198282	20.000	ng	0.01
86) Perylene-d12	15.568	264	210630	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	541297	78.491	ng	0.00
7) Phenol-d6	6.498	99	707537	79.215	ng	-0.01
23) Nitrobenzene-d5	7.439	82	482524	64.338	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	187941	89.461	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	888094	65.350	ng	-0.01
79) Terphenyl-d14	13.004	244	846346	69.553	ng	0.00

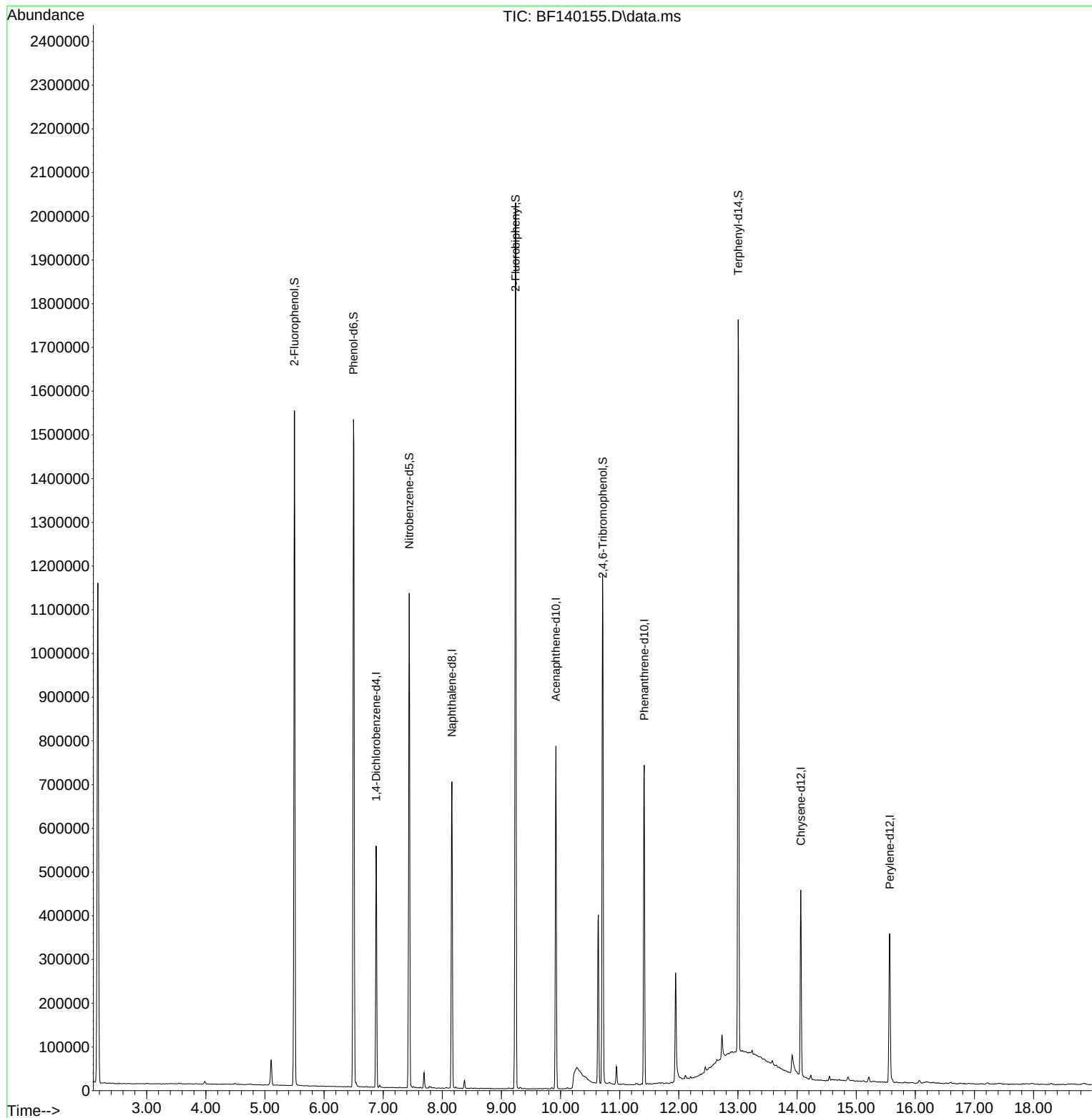
Target Compounds	Qvalue

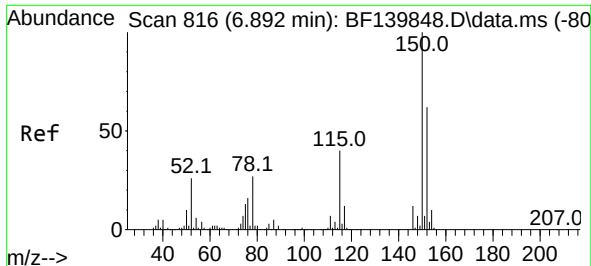
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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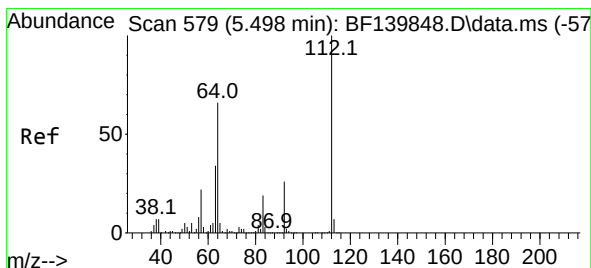
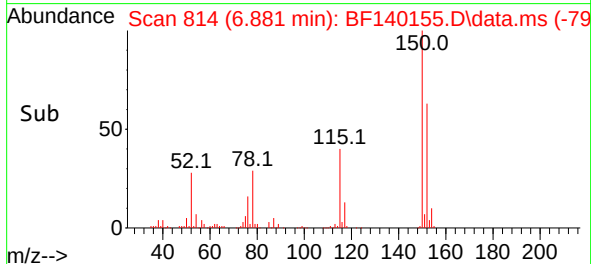
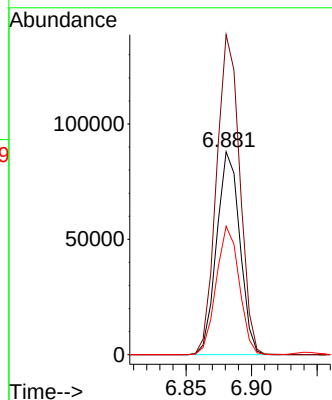
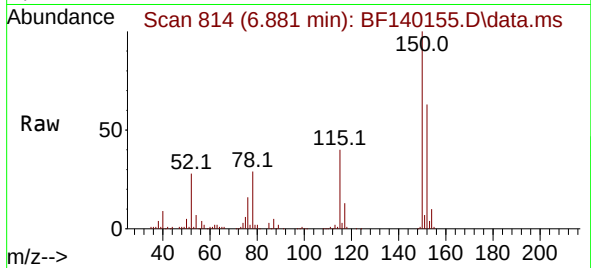




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

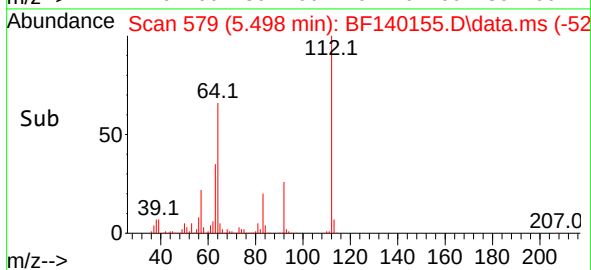
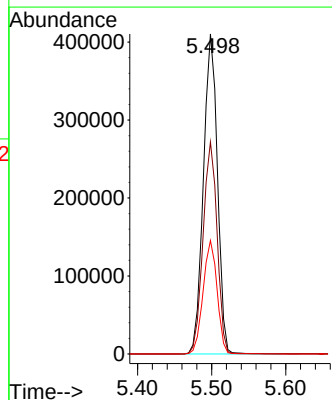
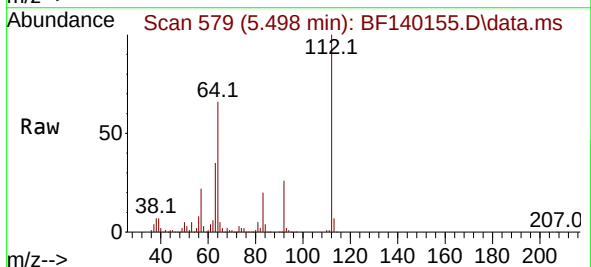
Instrument :
BNA_F
ClientSampleId :
TP-4

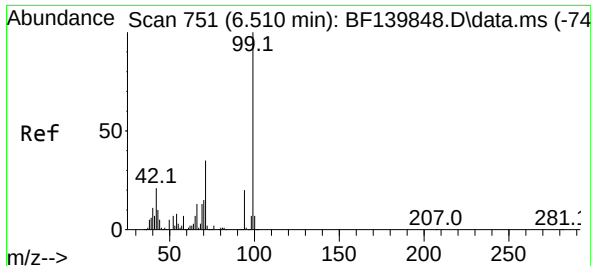
Tgt Ion:152 Resp: 107961
Ion Ratio Lower Upper
152 100
150 157.7 130.2 195.2
115 63.2 51.4 77.2



#5
2-Fluorophenol
Concen: 78.491 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:112 Resp: 541297
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 35.4 27.0 40.4

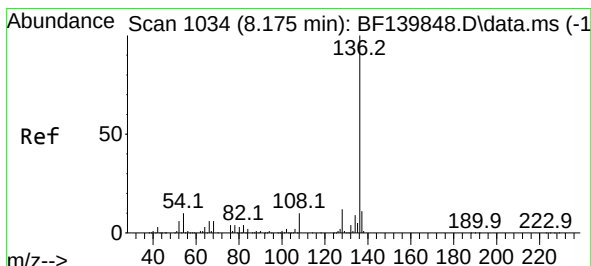
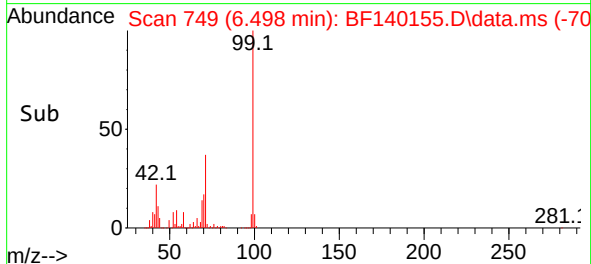
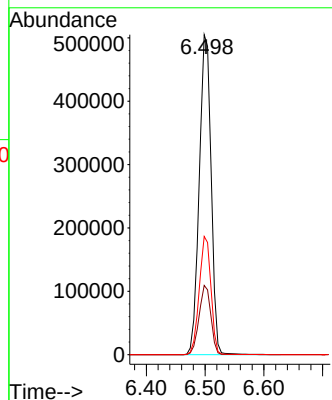
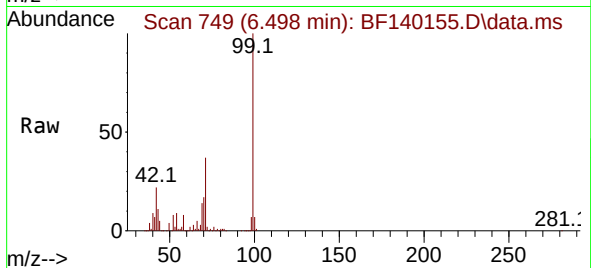




#7
Phenol-d6
Concen: 79.215 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

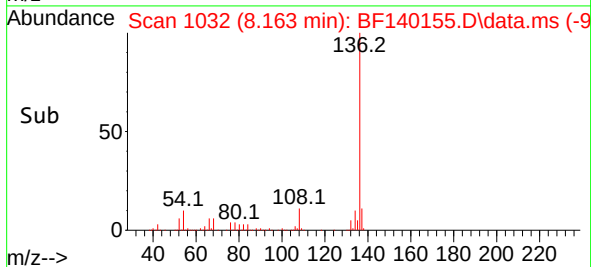
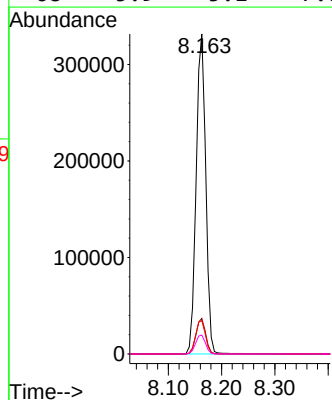
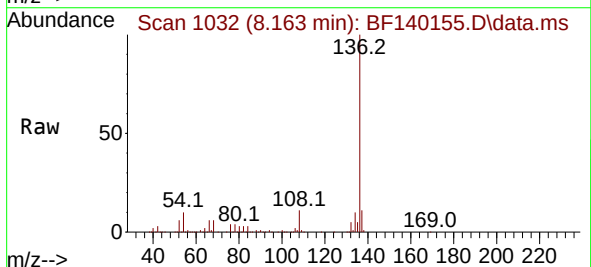
Instrument :
BNA_F
ClientSampleId :
TP-4

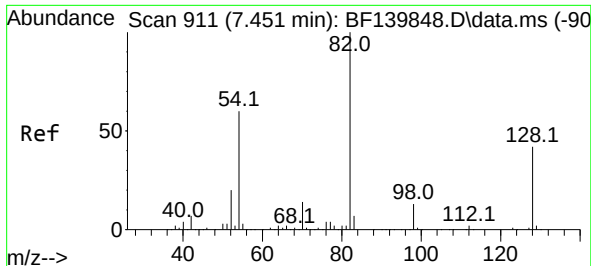
Tgt Ion: 99 Resp: 707537
Ion Ratio Lower Upper
99 100
42 21.7 16.7 25.1
71 37.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion: 136 Resp: 415665
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.4 8.4 12.6
68 5.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 64.338 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF140155.D

Acq: 30 Oct 2024 14:14

Instrument :

BNA_F

ClientSampleId :

TP-4

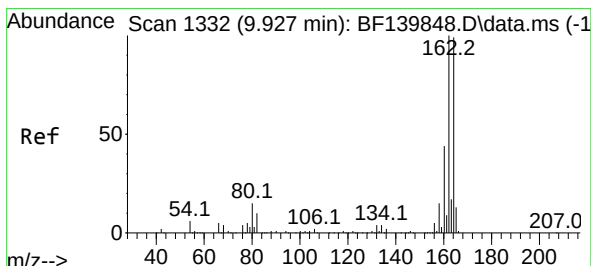
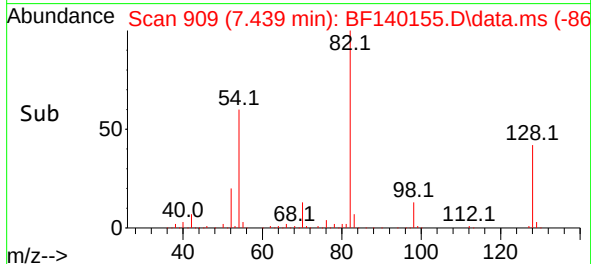
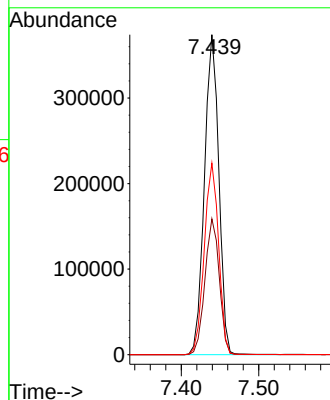
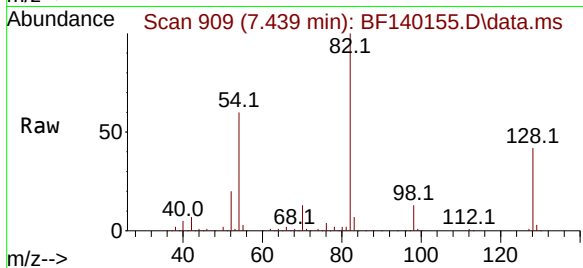
Tgt Ion: 82 Resp: 482524

Ion Ratio Lower Upper

82 100

128 42.5 33.4 50.0

54 59.9 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: BF140155.D

Acq: 30 Oct 2024 14:14

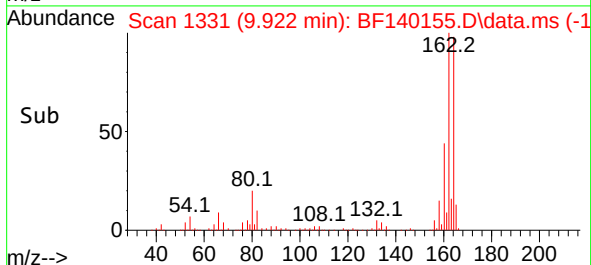
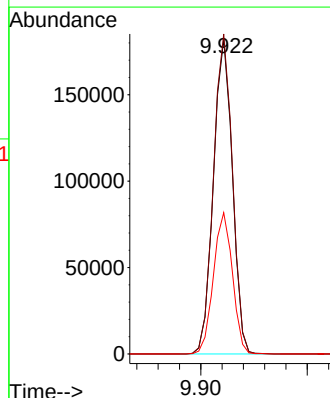
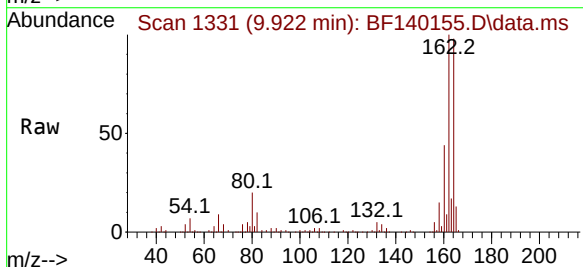
Tgt Ion:164 Resp: 224597

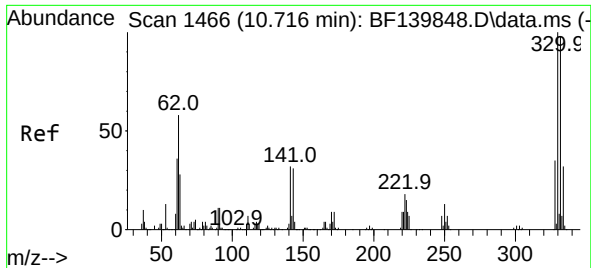
Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 44.9 35.4 53.0

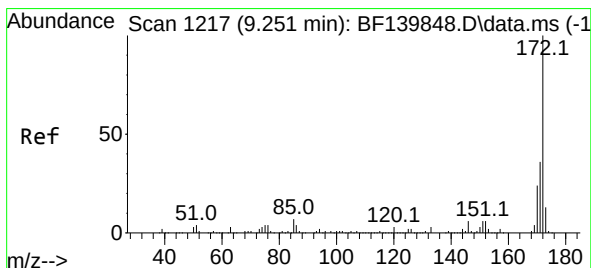
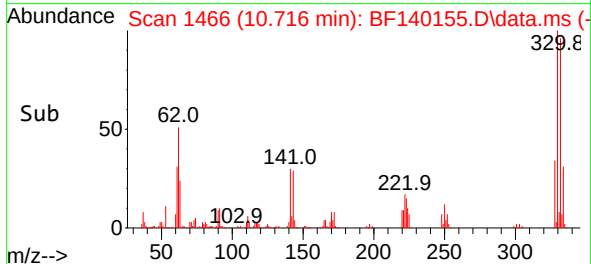
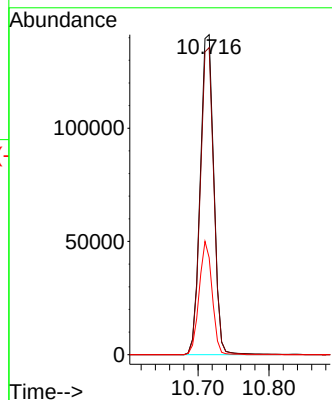
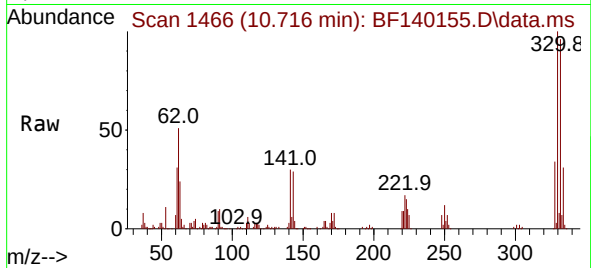




#42
2,4,6-Tribromophenol
Concen: 89.461 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

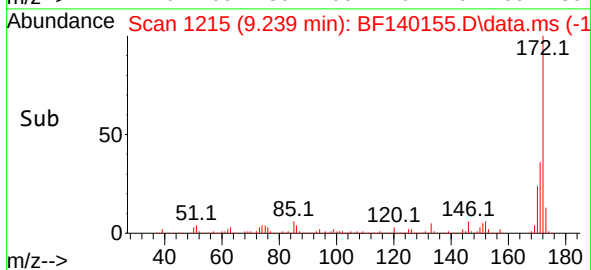
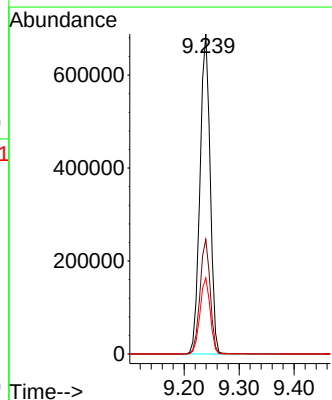
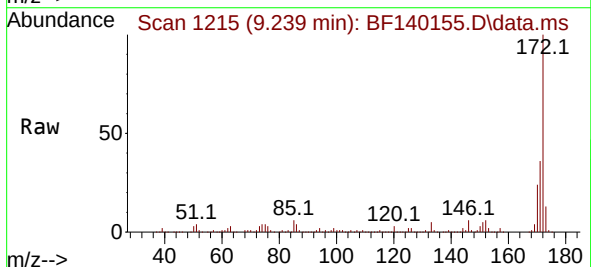
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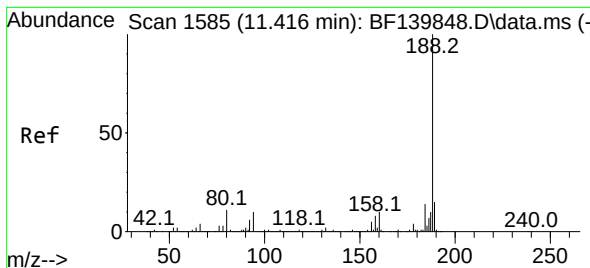
Tgt Ion:330 Resp: 187941
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 33.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 65.350 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140155.D
Acq: 30 Oct 2024 14:14

Tgt Ion:172 Resp: 888094
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: 11.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140155.D

Acq: 30 Oct 2024 14:14

Instrument :

BNA_F

ClientSampleId :

TP-4

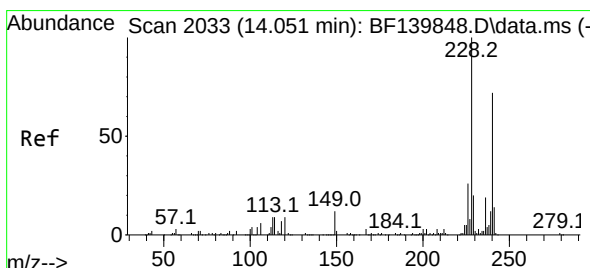
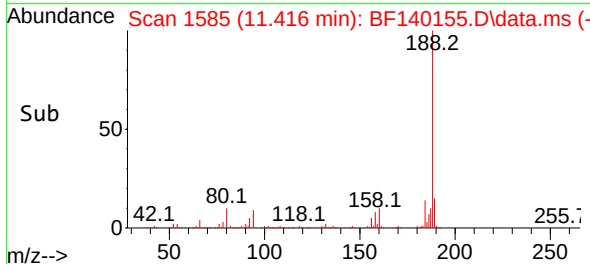
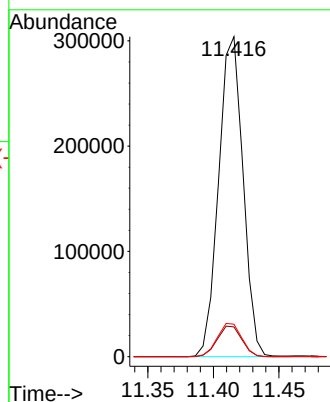
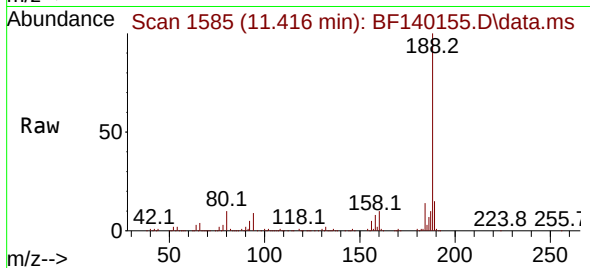
Tgt Ion:188 Resp: 392876

Ion Ratio Lower Upper

188 100

94 9.3 7.9 11.9

80 10.1 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.062 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140155.D

Acq: 30 Oct 2024 14:14

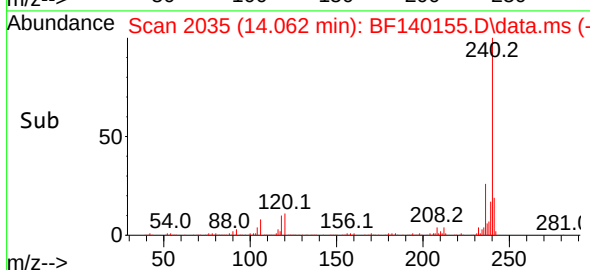
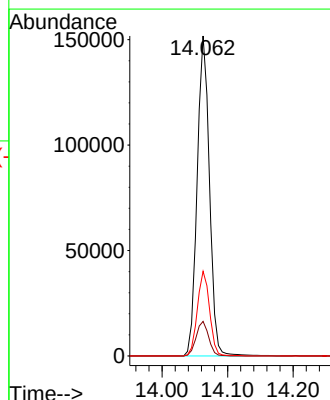
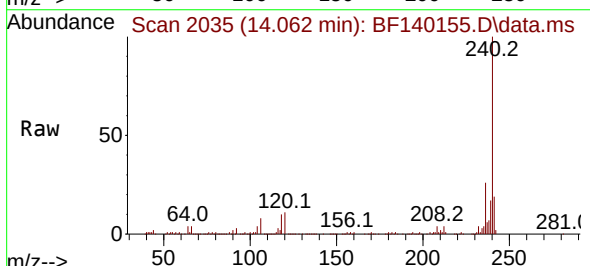
Tgt Ion:240 Resp: 198282

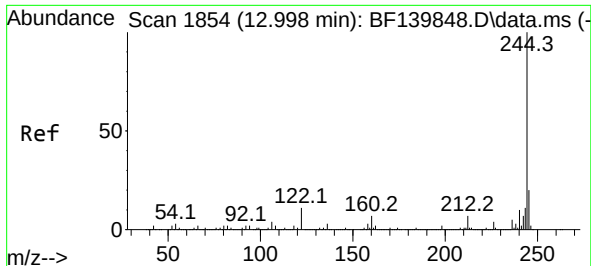
Ion Ratio Lower Upper

240 100

120 10.8 9.4 14.2

236 26.4 20.9 31.3

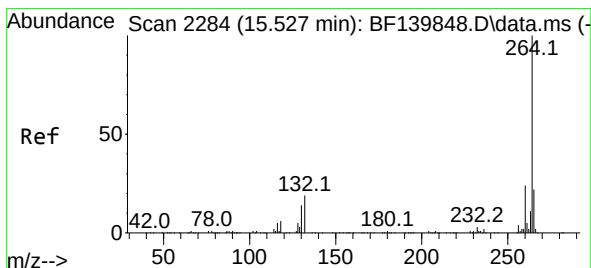
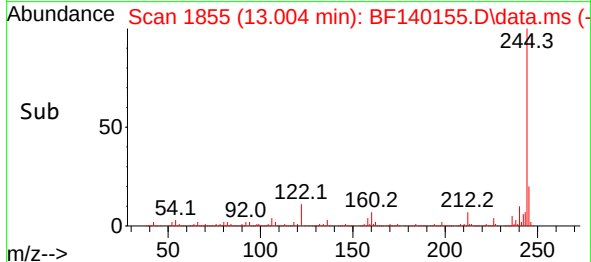
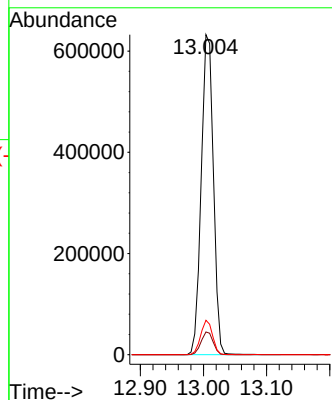
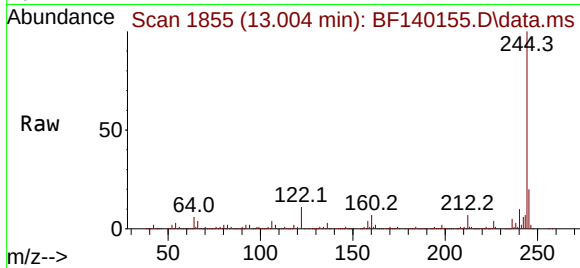




#79
 Terphenyl-d14
 Concen: 69.553 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140155.D
 Acq: 30 Oct 2024 14:14

Instrument :
 BNA_F
 ClientSampleId :
 TP-4

Tgt Ion:244 Resp: 846346
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 10.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.041 min
 Lab File: BF140155.D
 Acq: 30 Oct 2024 14:14

Tgt Ion:264 Resp: 210630
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 20.7 17.4 26.0

