

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
Data File : BF140196.D
Acq On : 31 Oct 2024 18:21
Operator : RC/JU
Sample : P4611-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4

Quant Time: Nov 01 01:14:48 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	115578	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	446337	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	223817	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	353463	20.000	ng	0.00
76) Chrysene-d12	14.069	240	211733	20.000	ng	0.02
86) Perylene-d12	15.574	264	162691	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	884186	119.762	ng	0.01
7) Phenol-d6	6.510	99	1055123	110.345	ng	0.00
23) Nitrobenzene-d5	7.446	82	836276	103.844	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	308571	147.394	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1412140	104.274	ng	-0.01
79) Terphenyl-d14	13.010	244	1383191	106.449	ng	0.01

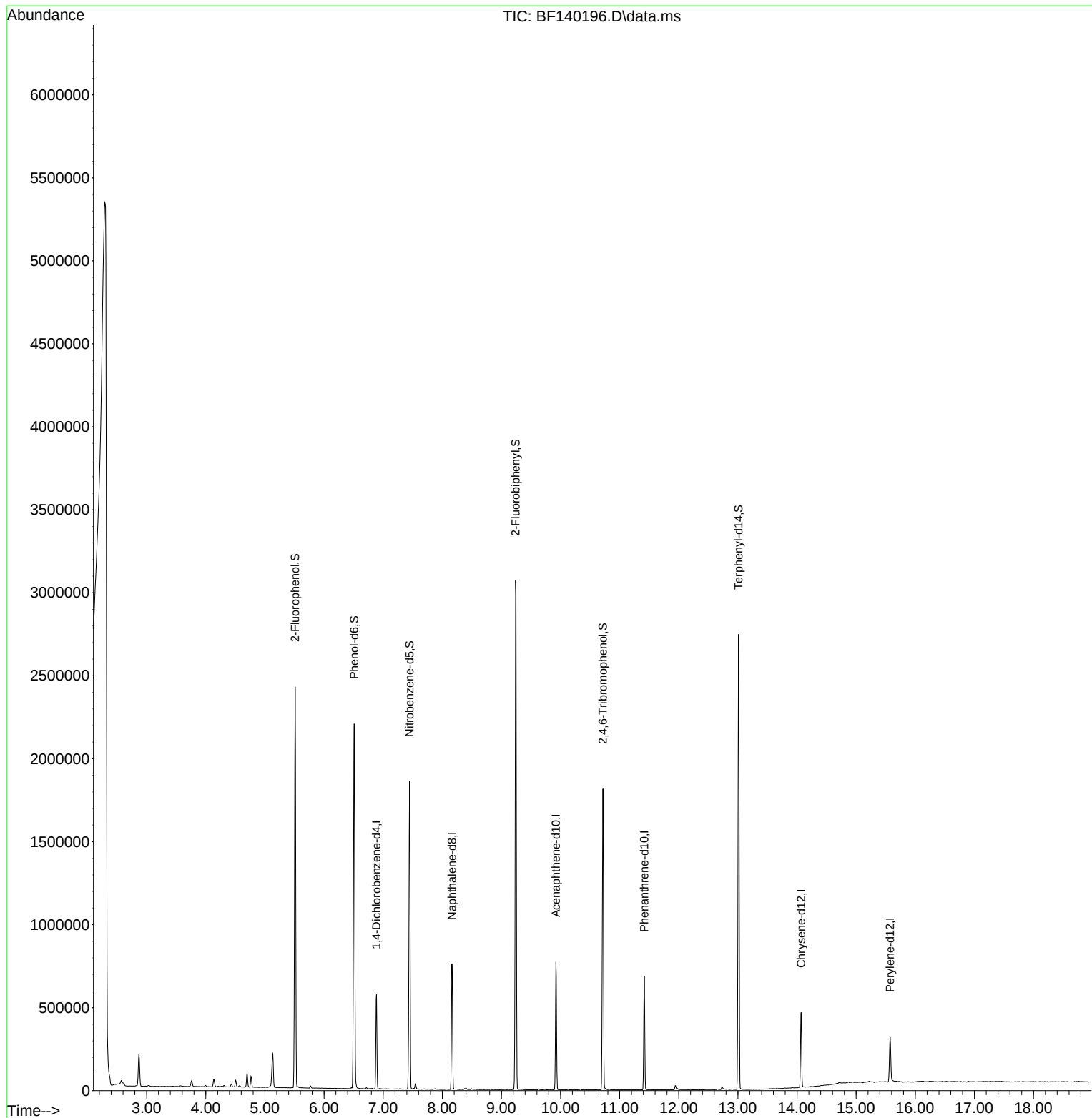
Target Compounds	Qvalue

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

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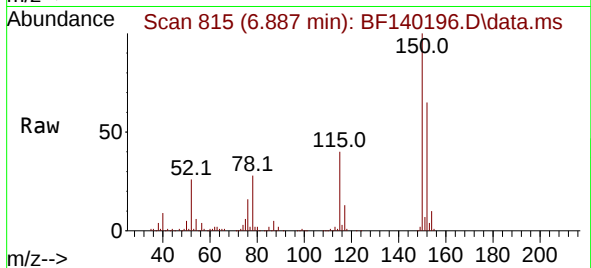
Quant Time: Nov 01 01:14:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
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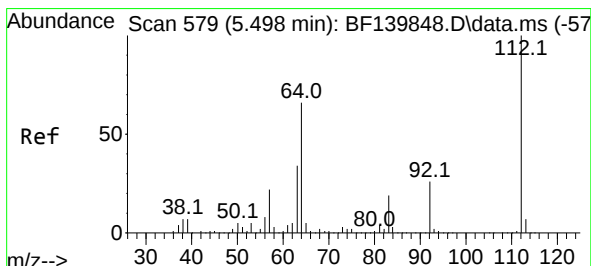
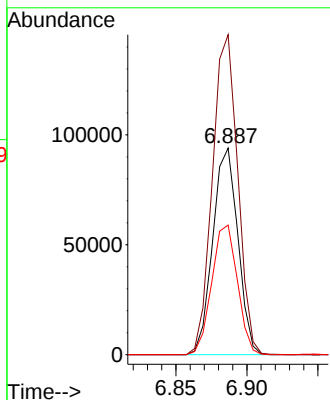
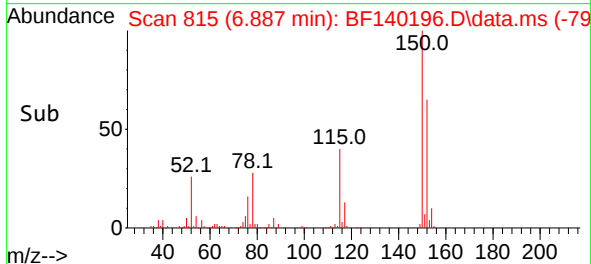


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

Instrument :
BNA_F
ClientSampleId :
TP-4

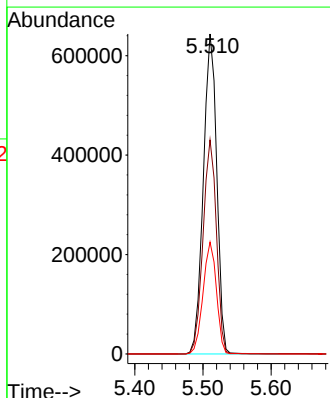
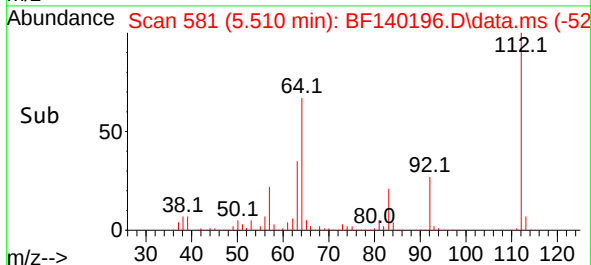
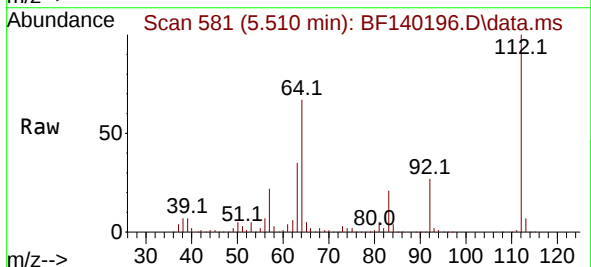


Tgt Ion:152 Resp: 115578
Ion Ratio Lower Upper
152 100
150 154.9 130.2 195.2
115 62.7 51.4 77.2



#5
2-Fluorophenol
Concen: 119.762 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

Tgt Ion:112 Resp: 884186
Ion Ratio Lower Upper
112 100
64 66.9 53.0 79.6
63 34.9 27.0 40.4



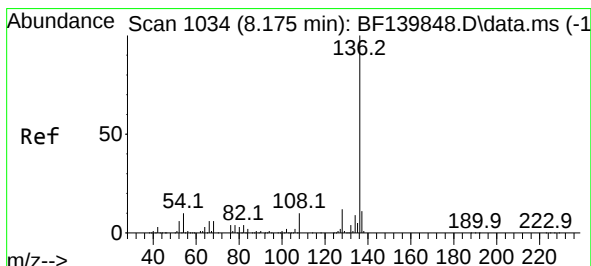
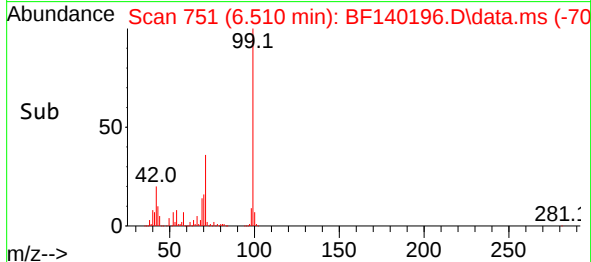
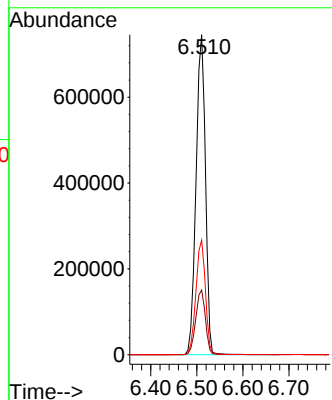
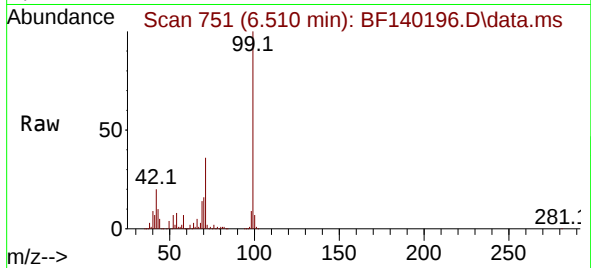


#7
Phenol-d6
Concen: 110.345 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

Instrument :
BNA_F
ClientSampleId :
TP-4

Tgt Ion: 99 Resp: 1055123

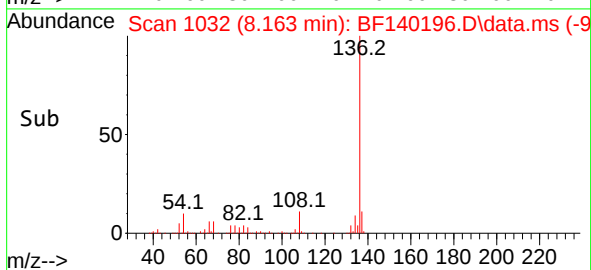
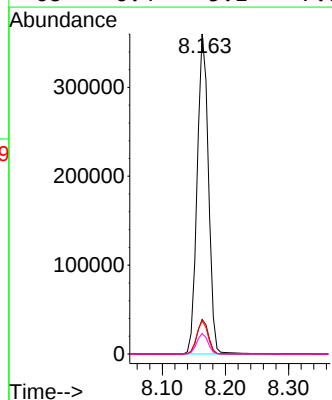
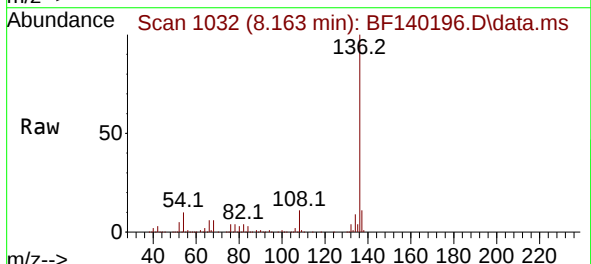
Ion	Ratio	Lower	Upper
99	100		
42	20.2	16.7	25.1
71	35.8	27.7	41.5

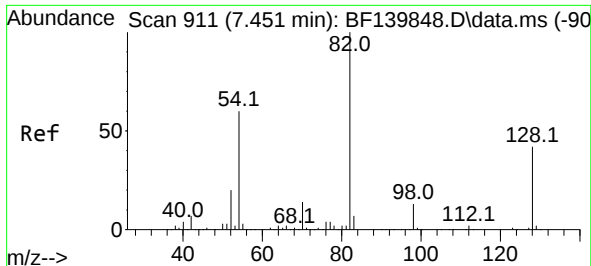


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.011 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

Tgt Ion: 136 Resp: 446337

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	10.3	8.4	12.6
68	6.4	5.1	7.7

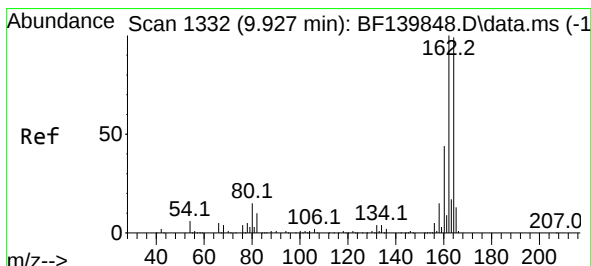
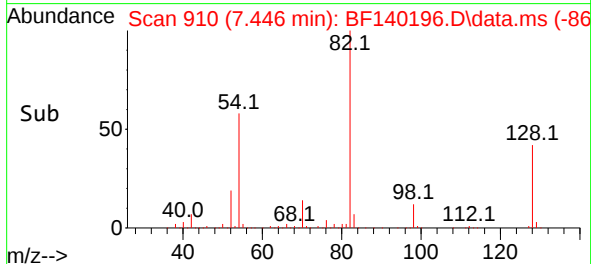
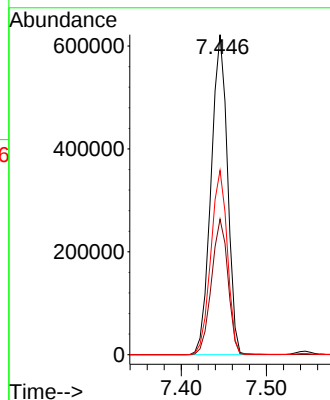
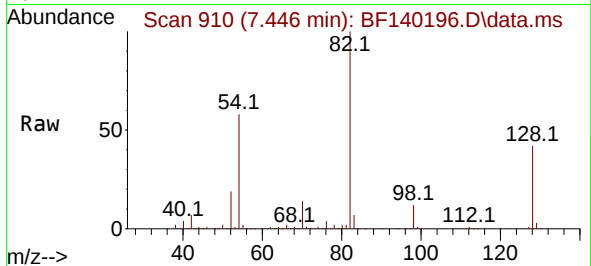




#23
Nitrobenzene-d5
Concen: 103.844 ng
RT: 7.446 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

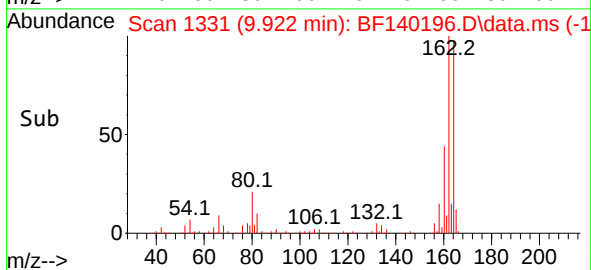
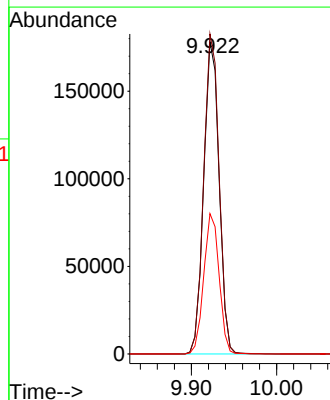
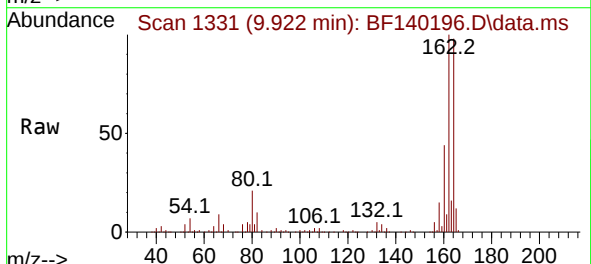
Instrument :
BNA_F
ClientSampleId :
TP-4

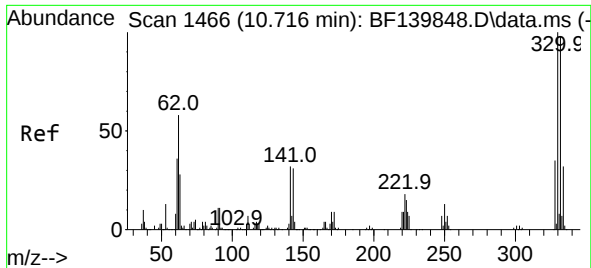
Tgt Ion: 82 Resp: 836276
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.0
54 57.6 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

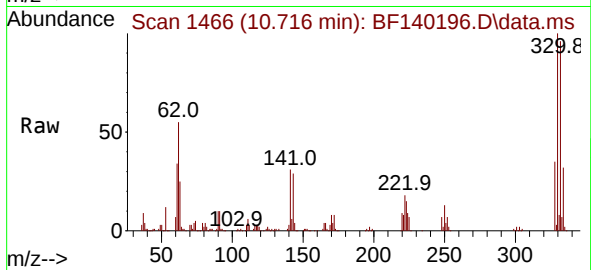
Tgt Ion:164 Resp: 223817
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 44.9 35.4 53.0



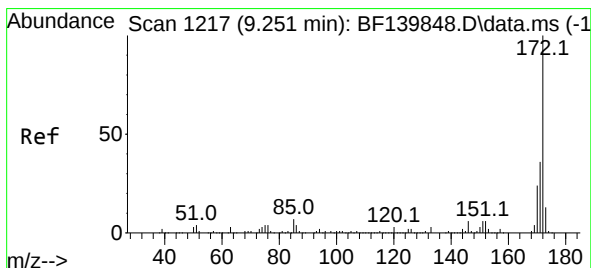
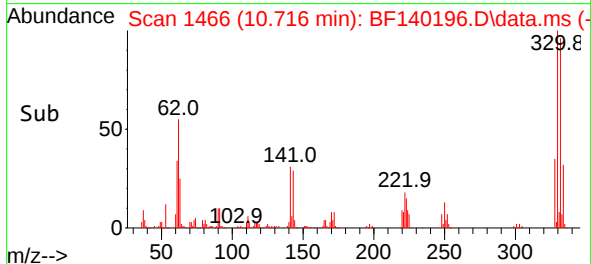
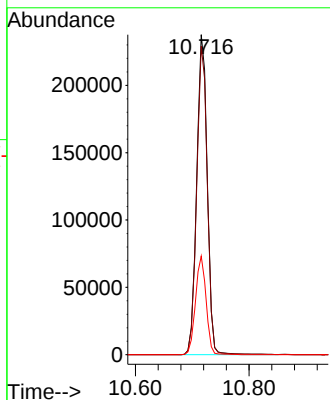


#42
2,4,6-Tribromophenol
Concen: 147.394 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

Instrument :
BNA_F
ClientSampleId :
TP-4

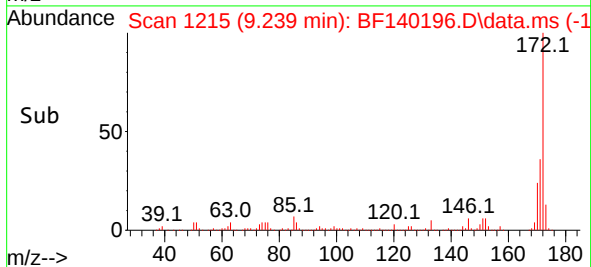
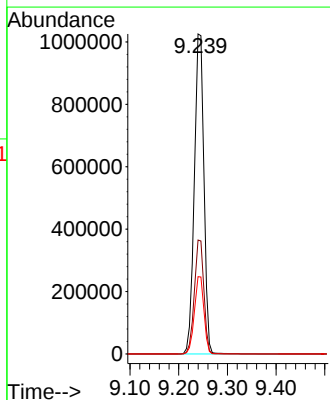
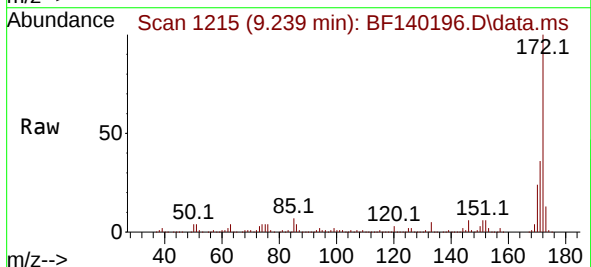


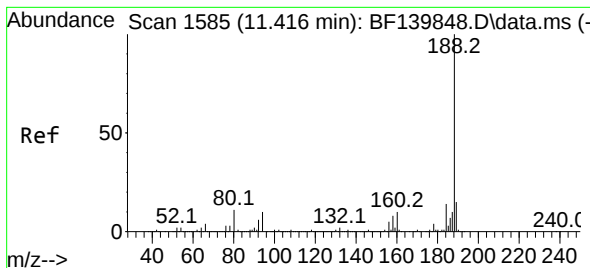
Tgt Ion: 330 Resp: 308571
Ion Ratio Lower Upper
330 100
332 96.8 78.1 117.1
141 30.8 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 104.274 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.011 min
Lab File: BF140196.D
Acq: 31 Oct 2024 18:21

Tgt Ion: 172 Resp: 1412140
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.1 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: BF140196.D

Acq: 31 Oct 2024 18:21

Instrument :

BNA_F

ClientSampleId :

TP-4

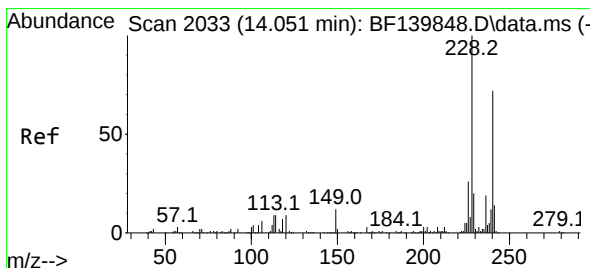
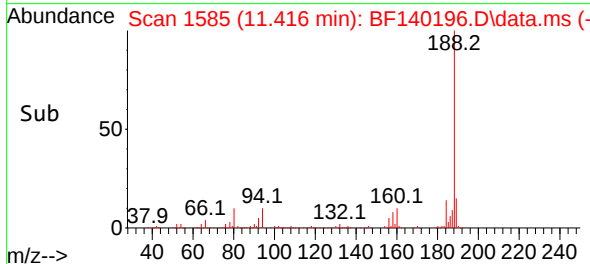
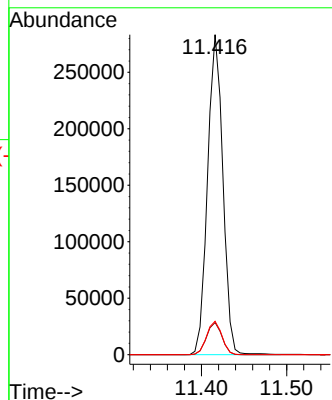
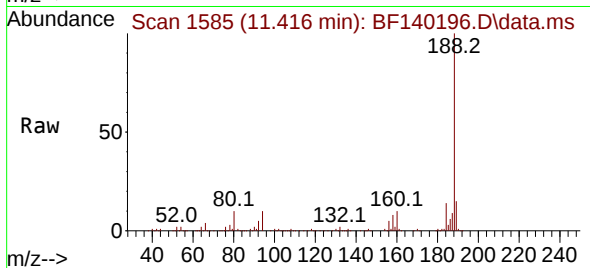
Tgt Ion:188 Resp: 353463

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

80 10.5 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140196.D

Acq: 31 Oct 2024 18:21

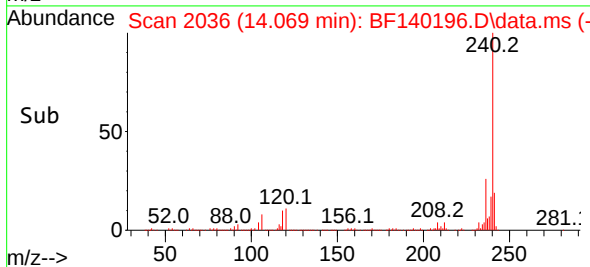
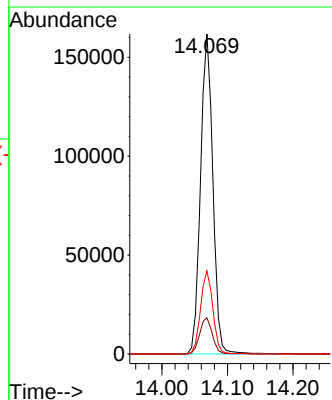
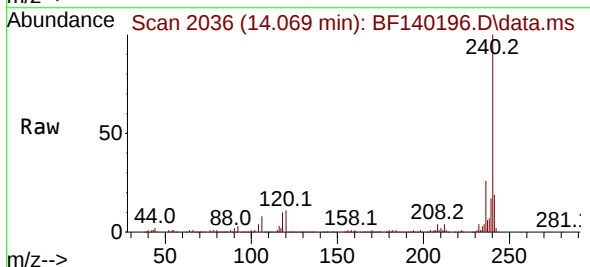
Tgt Ion:240 Resp: 211733

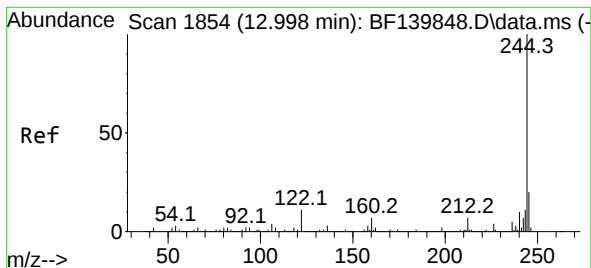
Ion Ratio Lower Upper

240 100

120 11.3 9.4 14.2

236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 106.449 ng

RT: 13.010 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF140196.D

Acq: 31 Oct 2024 18:21

Instrument :

BNA_F

ClientSampleId :

TP-4

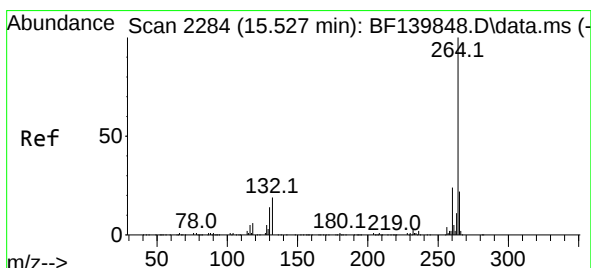
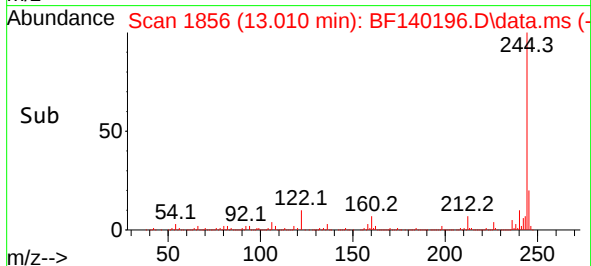
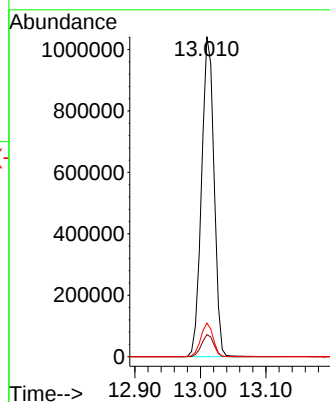
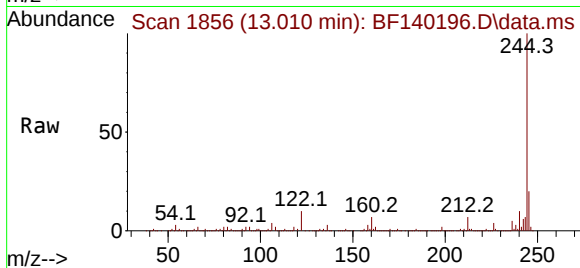
Tgt Ion:244 Resp: 1383191

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 10.5 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.047 min

Lab File: BF140196.D

Acq: 31 Oct 2024 18:21

Tgt Ion:264 Resp: 162691

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.1 17.4 26.0

