

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110124\
 Data File : BF140206.D
 Acq On : 01 Nov 2024 12:07
 Operator : RC/JU
 Sample : P4578-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-SWRE

Quant Time: Nov 01 12:39:39 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	221542	20.000	ng	-0.01
21) Naphthalene-d8	8.163	136	874676	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	496865	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	893182	20.000	ng	0.00
76) Chrysene-d12	14.068	240	535712	20.000	ng	0.02
86) Perylene-d12	15.574	264	445221	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	397857	28.114	ng	0.00
7) Phenol-d6	6.498	99	483636	26.387	ng	-0.01
23) Nitrobenzene-d5	7.439	82	545652	34.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	315662	67.921	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1027093	34.164	ng	-0.01
79) Terphenyl-d14	13.016	244	1571178	47.791	ng	0.02

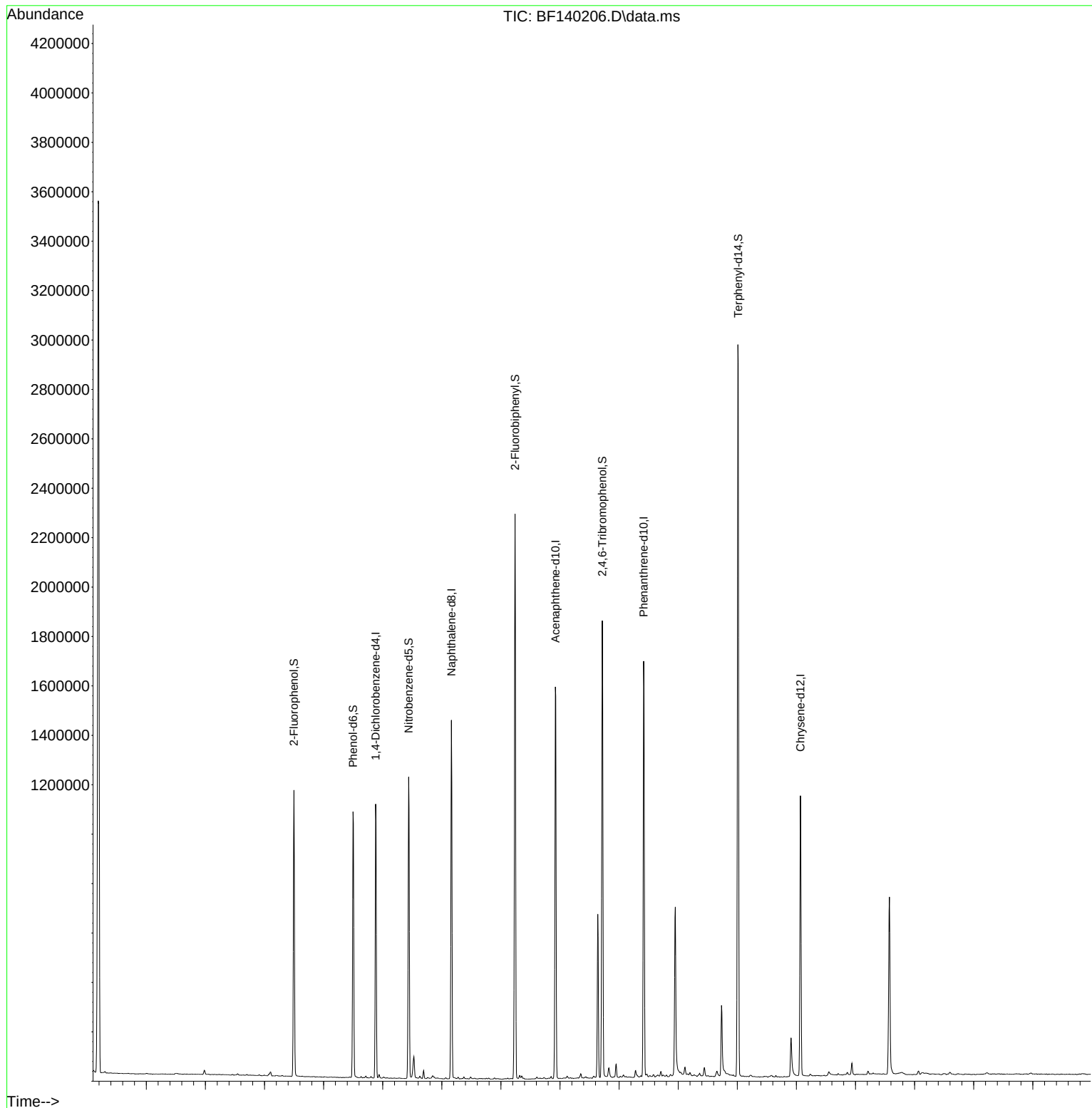
Target Compounds Qvalue

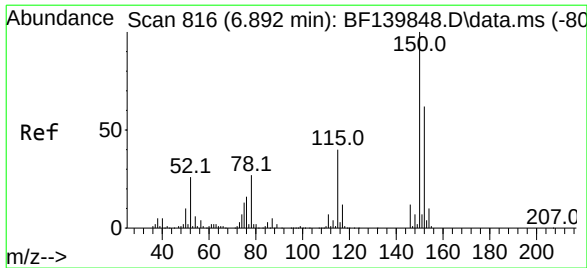
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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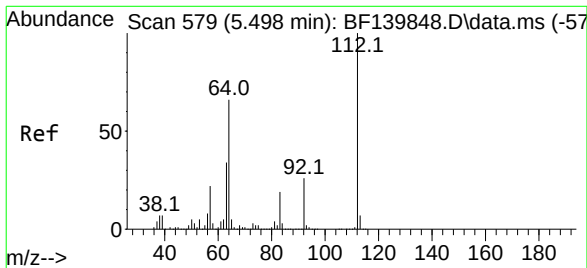
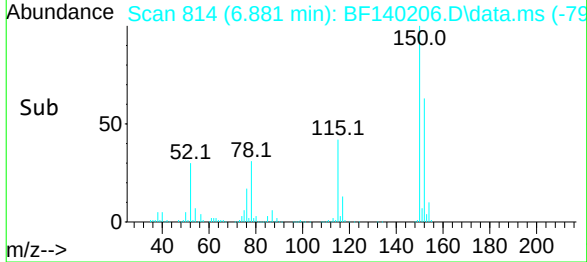
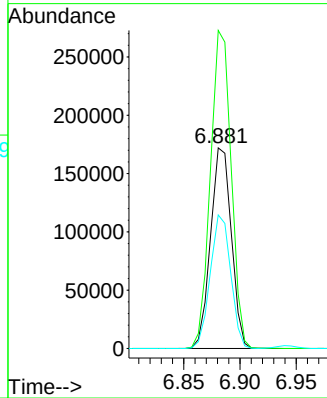
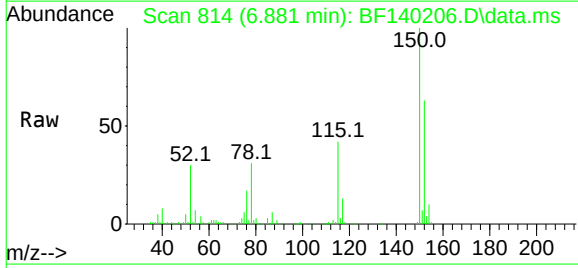




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.011 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

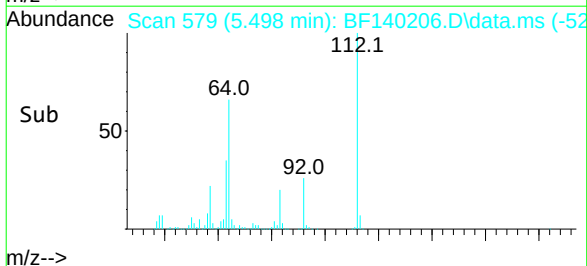
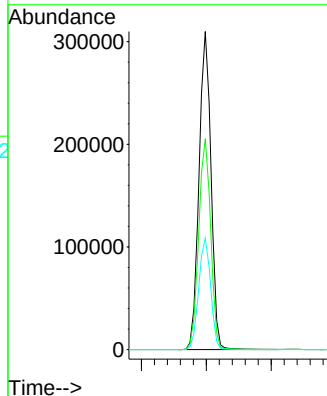
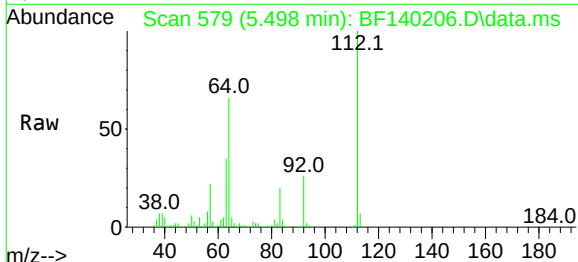
Instrument :
BNA_F
ClientSampleId :
WB-305-SWRE

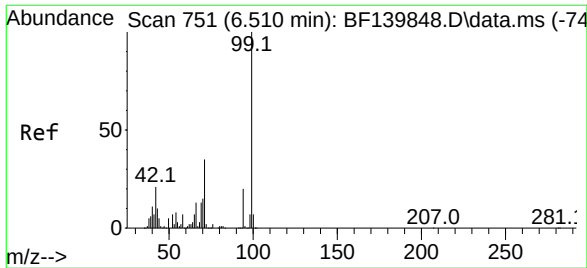
Tgt Ion:152 Resp: 221542
Ion Ratio Lower Upper
152 100
150 158.6 130.2 195.2
115 66.6 51.4 77.2



#5
2-Fluorophenol
Concen: 28.114 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion:112 Resp: 397857
Ion Ratio Lower Upper
112 100
64 66.3 53.0 79.6
63 35.0 27.0 40.4

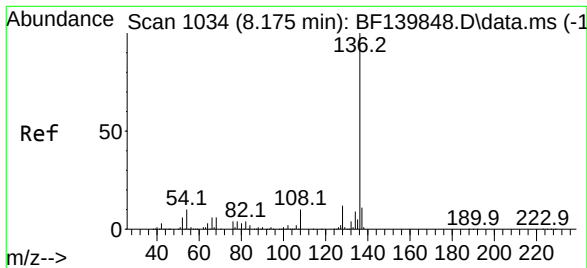
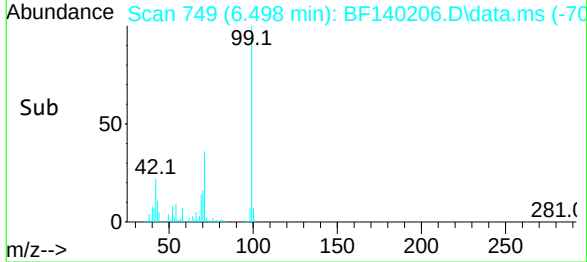
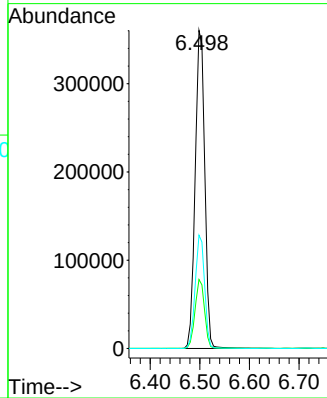
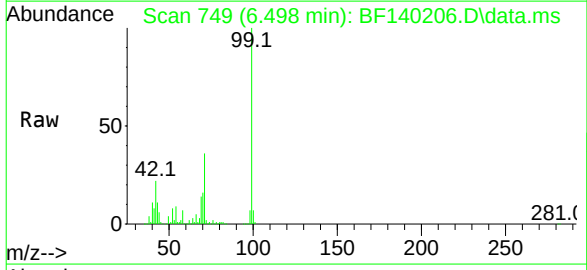




#7
Phenol-d6
Concen: 26.387 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

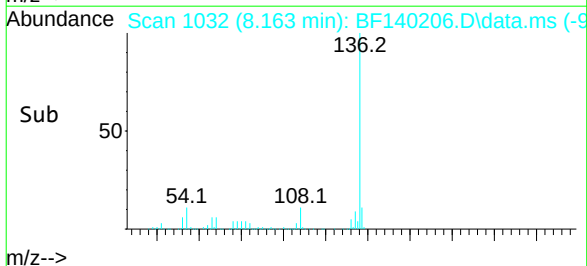
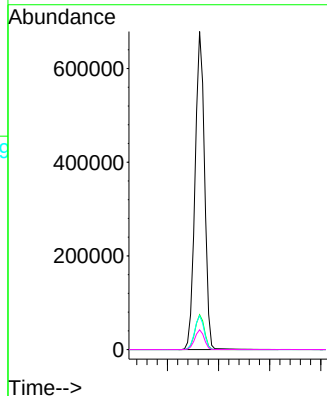
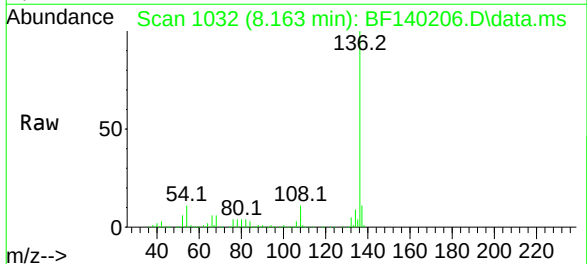
Instrument :
BNA_F
ClientSampleId :
WB-305-SWRE

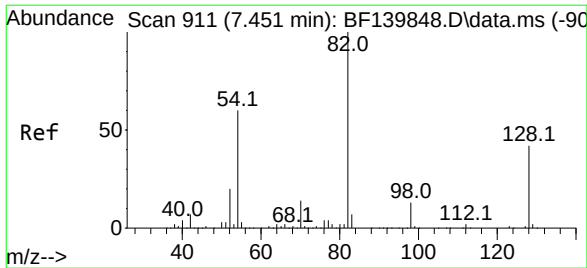
Tgt Ion: 99 Resp: 483636
Ion Ratio Lower Upper
99 100
42 21.7 16.7 25.1
71 35.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion: 136 Resp: 874676
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.6 8.4 12.6
68 6.2 5.1 7.7

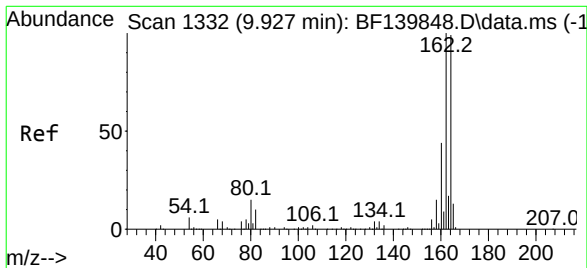
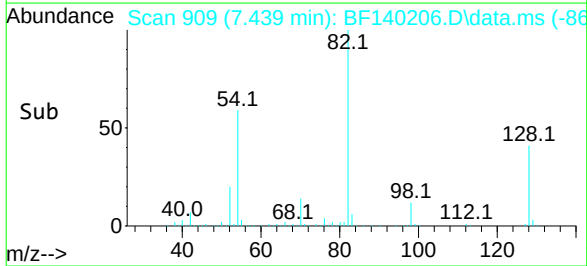
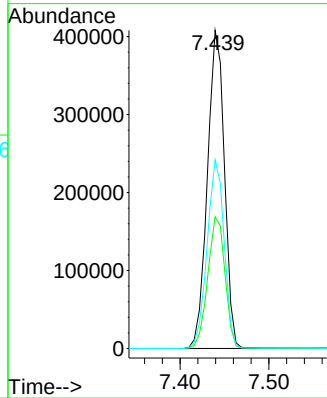
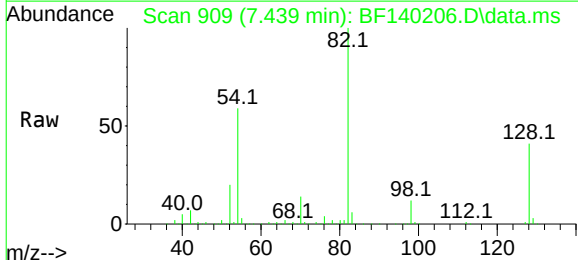




#23
Nitrobenzene-d5
Concen: 34.575 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

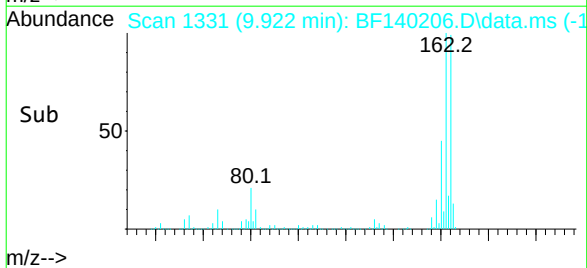
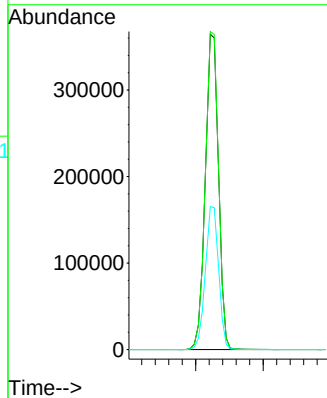
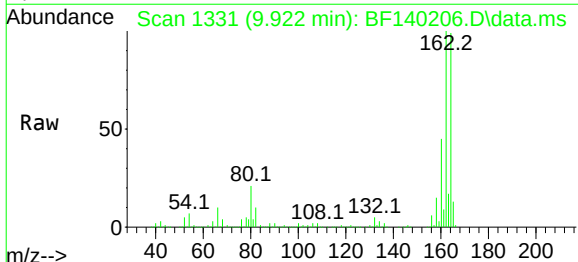
Instrument :
BNA_F
ClientSampleId :
WB-305-SWRE

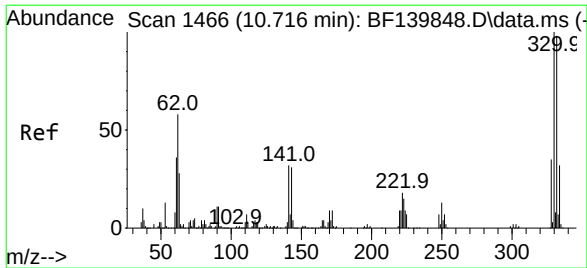
Tgt Ion: 82 Resp: 545652
Ion Ratio Lower Upper
82 100
128 41.4 33.4 50.0
54 59.3 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

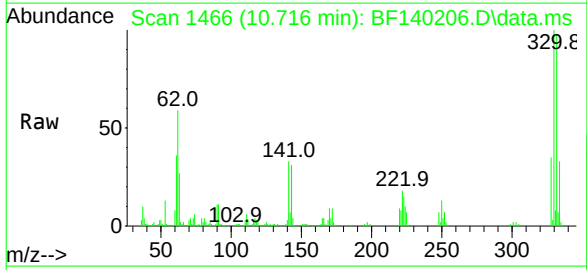
Tgt Ion: 164 Resp: 496865
Ion Ratio Lower Upper
164 100
162 100.8 81.0 121.4
160 45.3 35.4 53.0



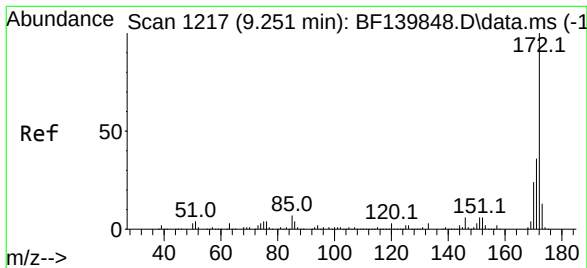
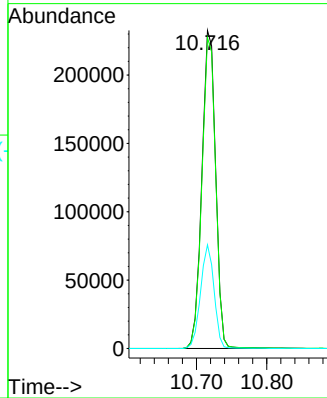
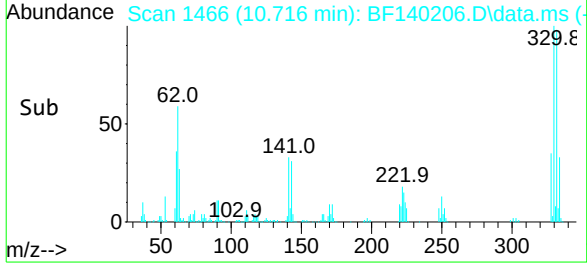


#42
2,4,6-Tribromophenol
Concen: 67.921 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Instrument :
BNA_F
ClientSampleId :
WB-305-SWRE

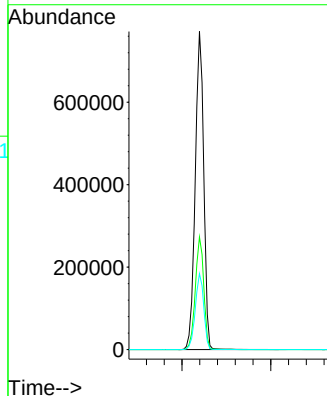
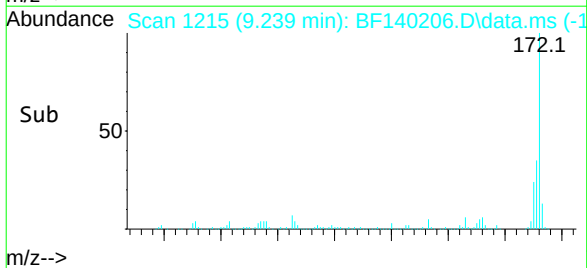
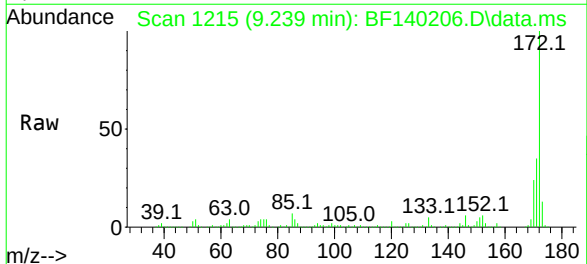


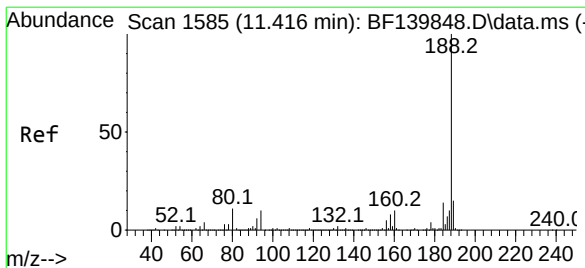
Tgt Ion: 330 Resp: 315662
Ion Ratio Lower Upper
330 100
332 97.7 78.1 117.1
141 32.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 34.164 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF140206.D
Acq: 01 Nov 2024 12:07

Tgt Ion: 172 Resp: 1027093
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 15

Delta R.T. 0.000 min

Lab File: BF140206.D

Acq: 01 Nov 2024 12:07

Instrument :

BNA_F

ClientSampleId :

WB-305-SWRE

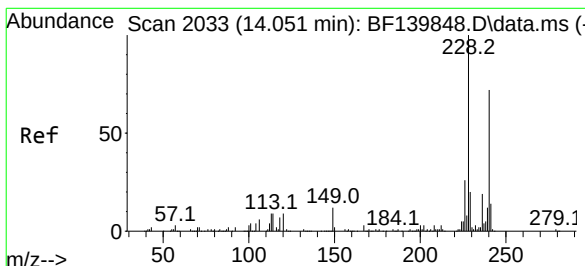
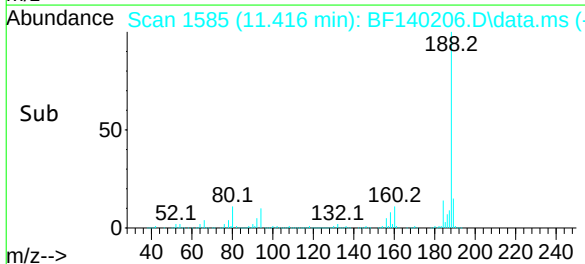
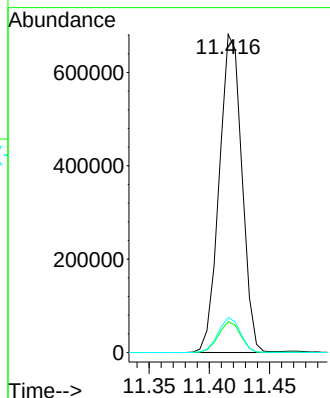
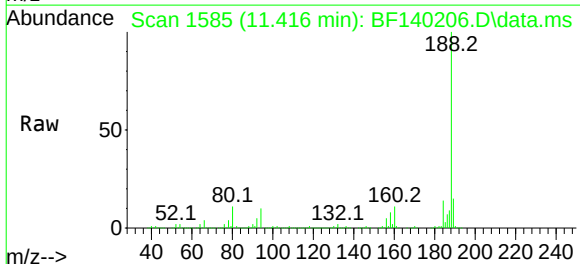
Tgt Ion:188 Resp: 893182

Ion Ratio Lower Upper

188 100

94 9.7 7.9 11.9

80 11.0 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.018 min

Lab File: BF140206.D

Acq: 01 Nov 2024 12:07

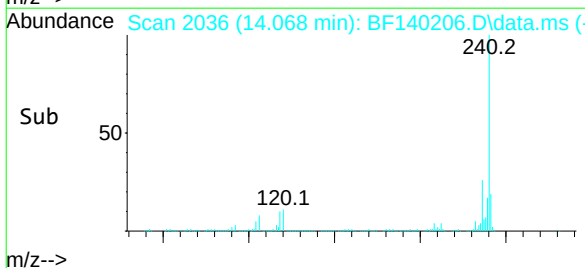
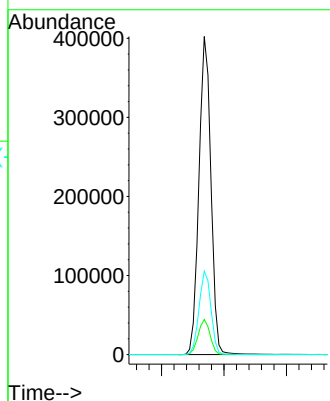
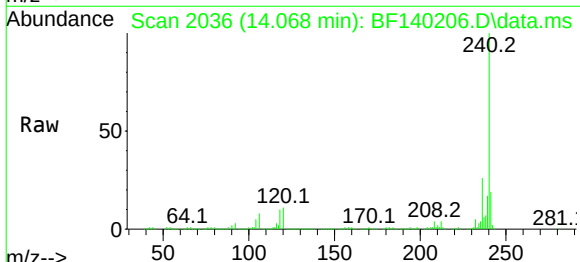
Tgt Ion:240 Resp: 535712

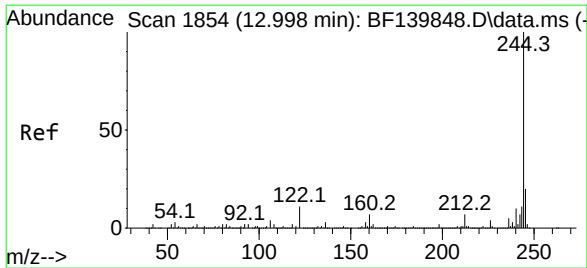
Ion Ratio Lower Upper

240 100

120 11.0 9.4 14.2

236 26.3 20.9 31.3





#79

Terphenyl-d14

Concen: 47.791 ng

RT: 13.016 min Scan# 1857

Delta R.T. 0.018 min

Lab File: BF140206.D

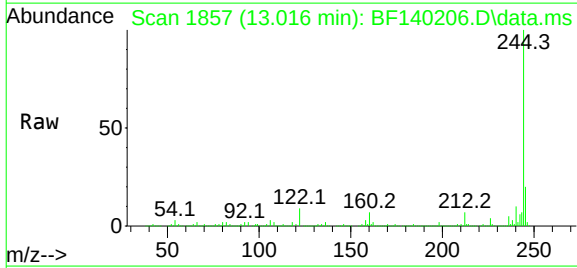
Acq: 01 Nov 2024 12:07

Instrument :

BNA_F

ClientSampleId :

WB-305-SWRE



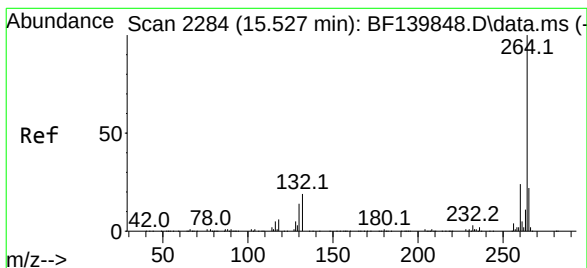
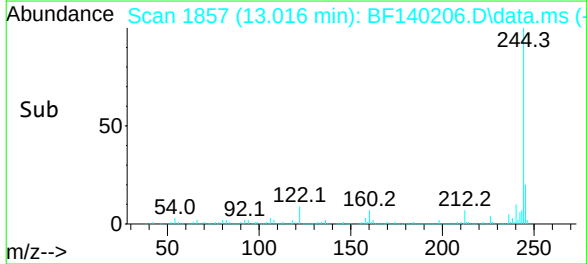
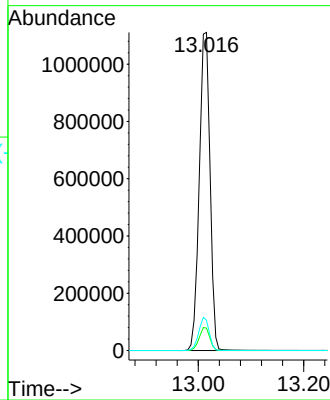
Tgt Ion:244 Resp: 1571178

Ion	Ratio	Lower	Upper
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244	100		
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212	7.0	5.7	8.5
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122	9.5	8.6	13.0
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.047 min

Lab File: BF140206.D

Acq: 01 Nov 2024 12:07

Tgt Ion:264 Resp: 445221

Ion	Ratio	Lower	Upper
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264	100		
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260	24.2	19.4	29.2
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265	21.2	17.4	26.0
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