

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
Data File : BF140084.D
Acq On : 28 Oct 2024 13:51
Operator : RC/JU
Sample : P4578-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Quant Time: Oct 28 14:22:20 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	112580	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	438516	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	246067	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	437262	20.000	ng	0.00
76) Chrysene-d12	14.045	240	219498	20.000	ng	0.00
86) Perylene-d12	15.527	264	258448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	938458	130.498	ng	0.02
7) Phenol-d6	6.510	99	1115782	119.796	ng	0.00
23) Nitrobenzene-d5	7.445	82	834614	105.486	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	367109	159.499	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1500601	100.787	ng	0.00
79) Terphenyl-d14	12.998	244	1489277	110.559	ng	0.00

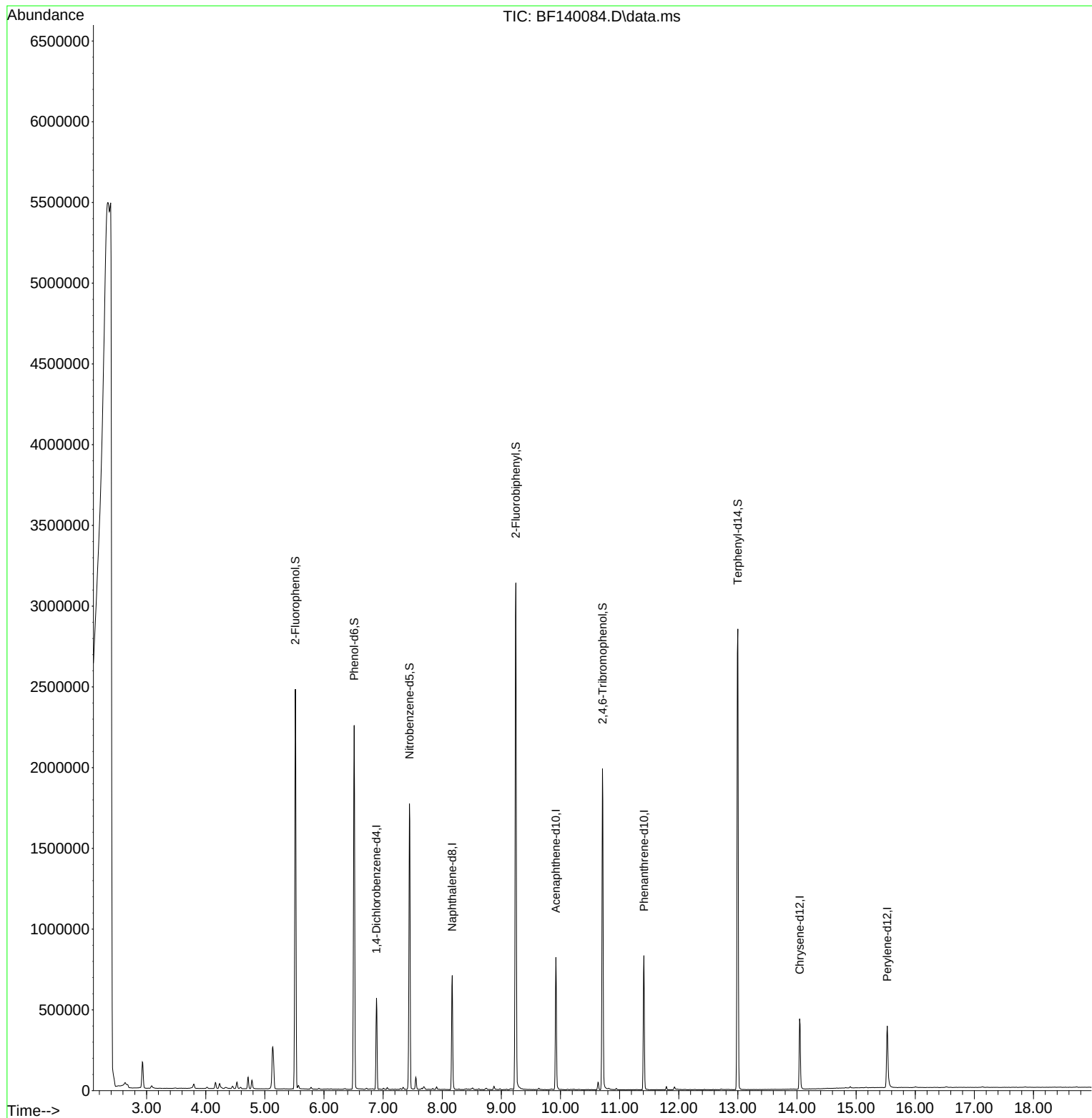
Target Compounds	Qvalue

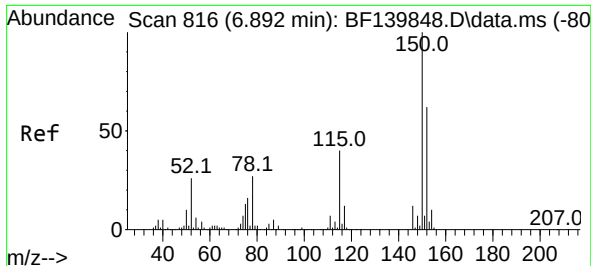
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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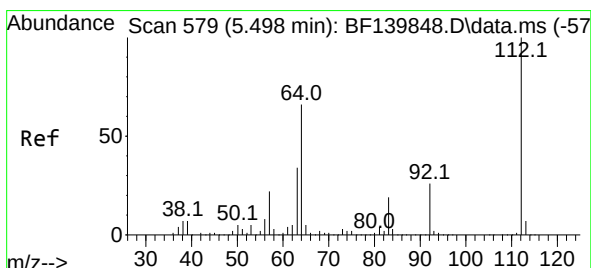
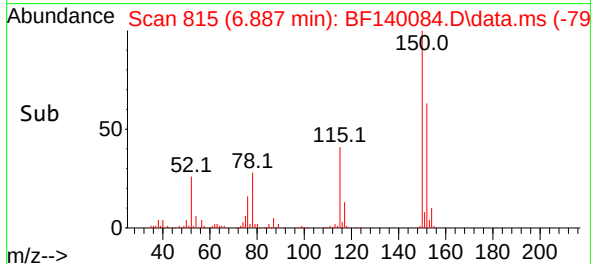
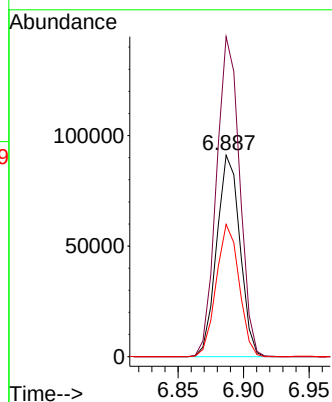
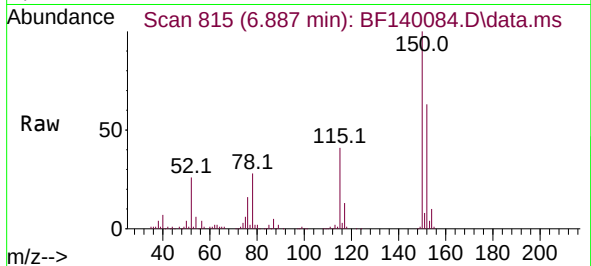




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

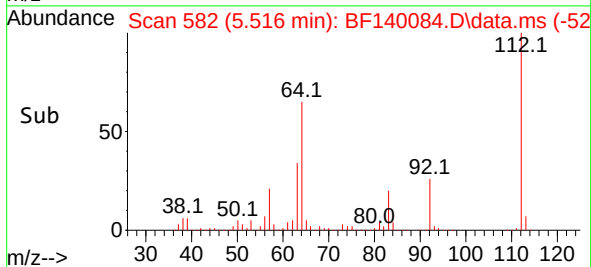
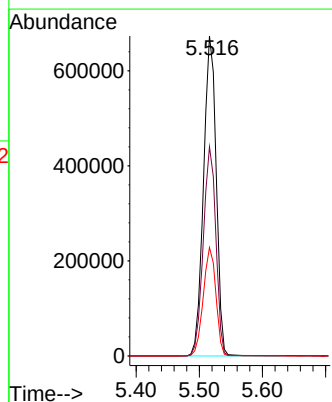
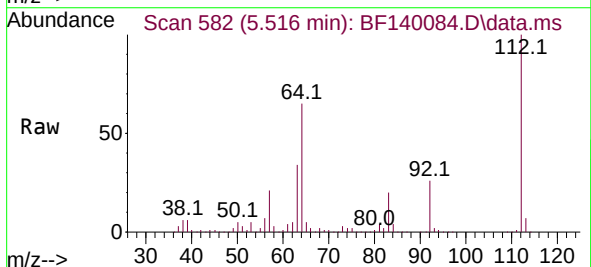
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

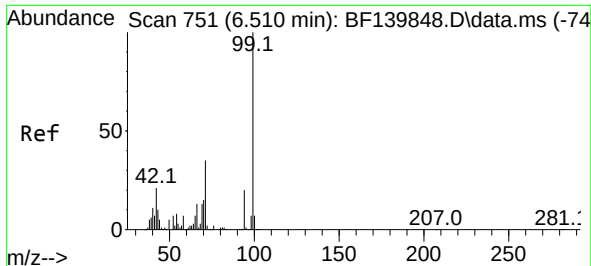
Tgt Ion:152 Resp: 112580
Ion Ratio Lower Upper
152 100
150 159.0 130.2 195.2
115 65.7 51.4 77.2



#5
2-Fluorophenol
Concen: 130.498 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion:112 Resp: 938458
Ion Ratio Lower Upper
112 100
64 65.4 53.0 79.6
63 33.9 27.0 40.4



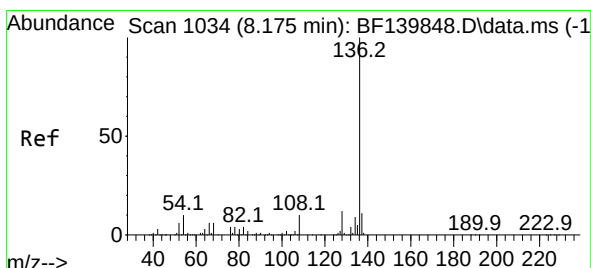
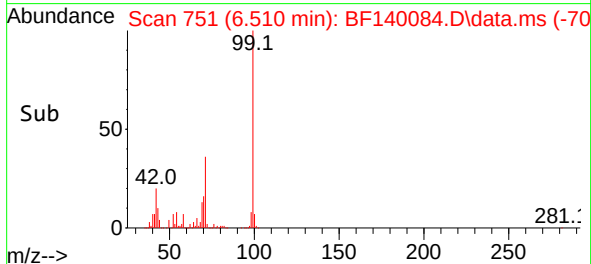
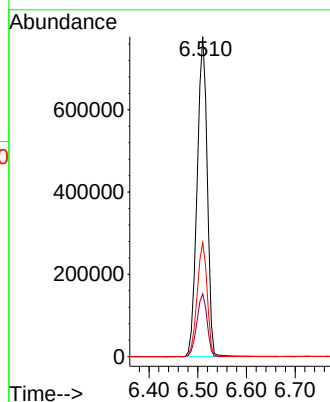
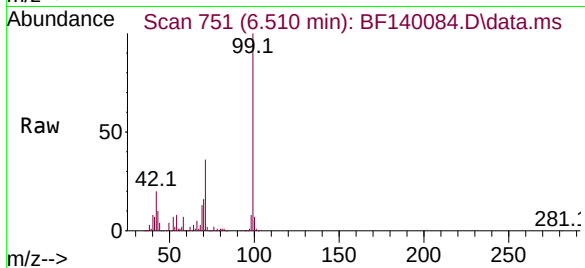


#7
Phenol-d6
Concen: 119.796 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

Tgt Ion: 99 Resp: 1115782

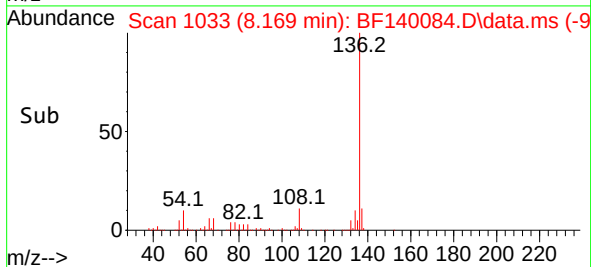
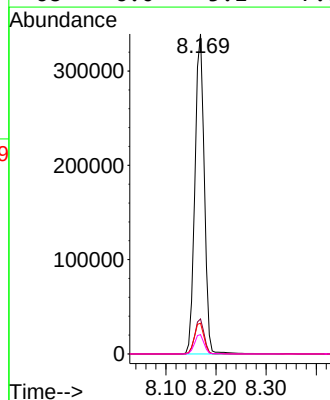
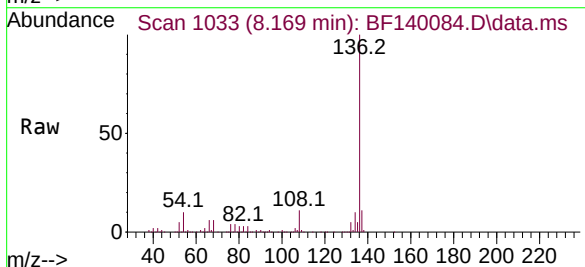
Ion	Ratio	Lower	Upper
99	100		
42	19.6	16.7	25.1
71	35.6	27.7	41.5

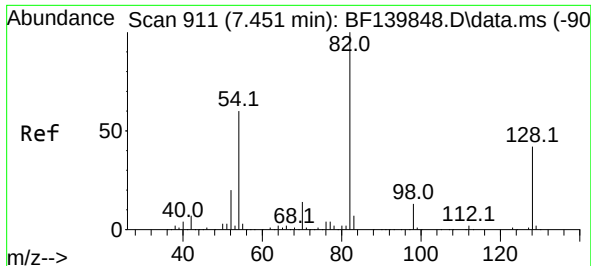


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion: 136 Resp: 438516

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.6	8.4	12.6
68	6.0	5.1	7.7

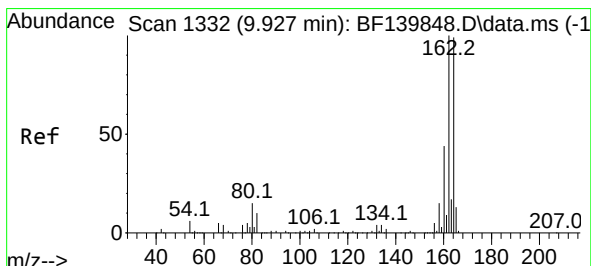
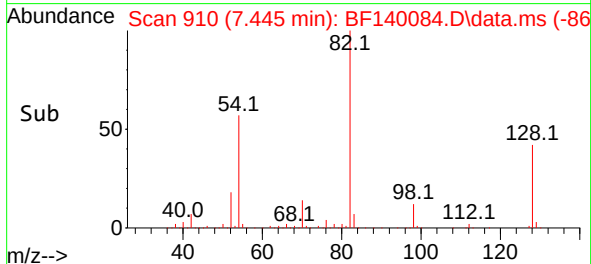
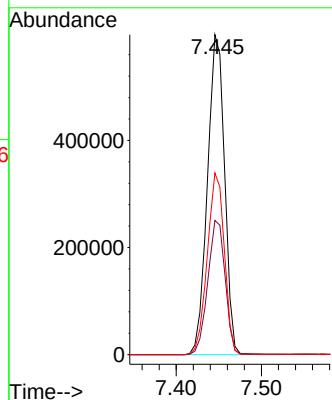
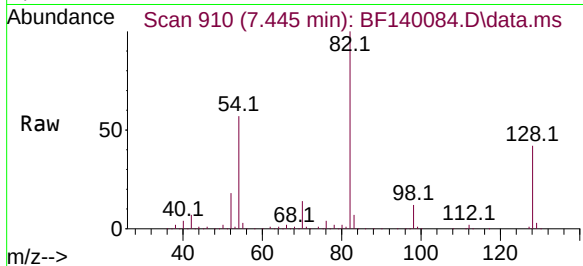




#23
Nitrobenzene-d5
Concen: 105.486 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

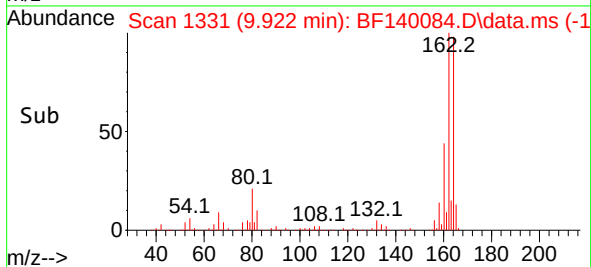
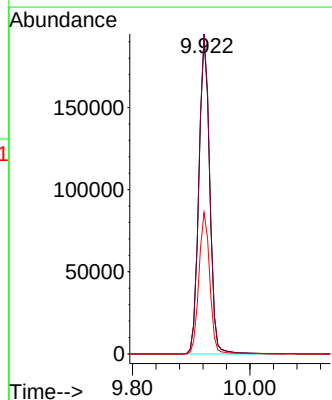
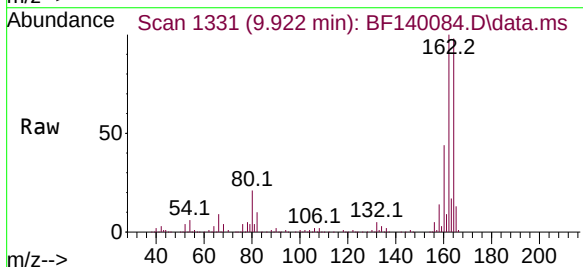
Instrument :
BNA_F
ClientSampleId :
WB-305-BOT

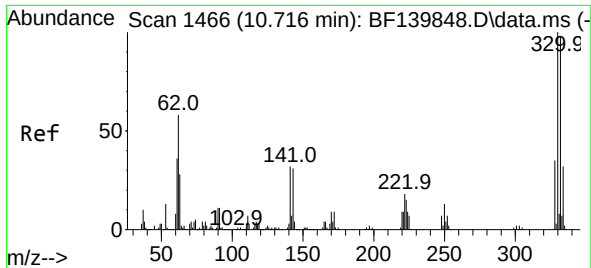
Tgt Ion: 82 Resp: 834614
Ion Ratio Lower Upper
82 100
128 41.9 33.4 50.0
54 56.8 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion:164 Resp: 246067
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 44.9 35.4 53.0

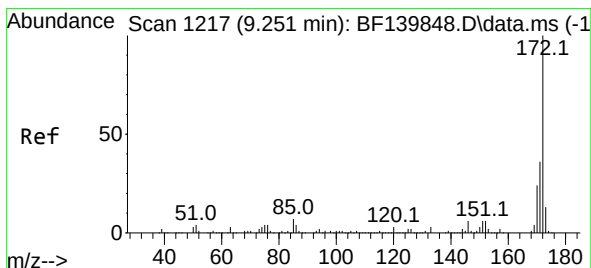
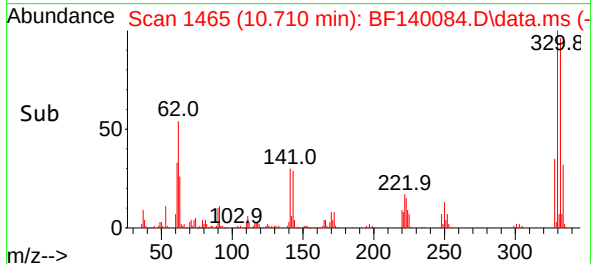
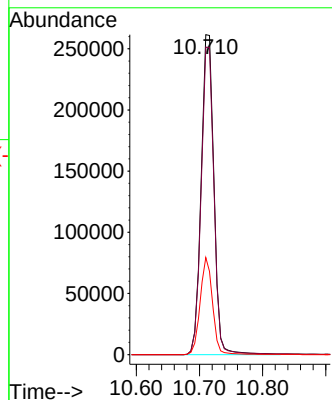
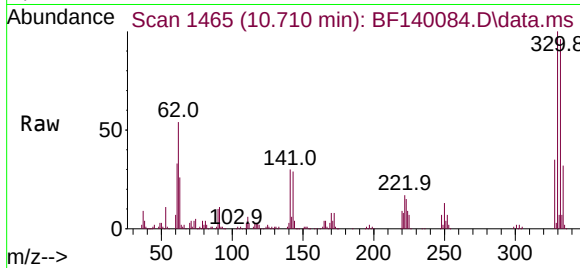




#42
2,4,6-Tribromophenol
Concen: 159.499 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

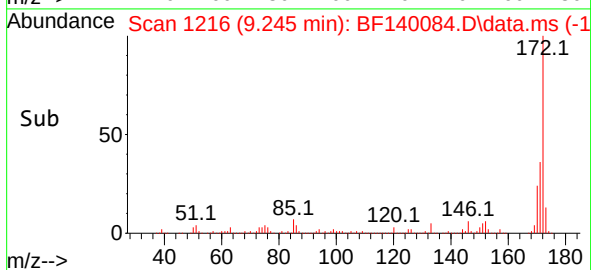
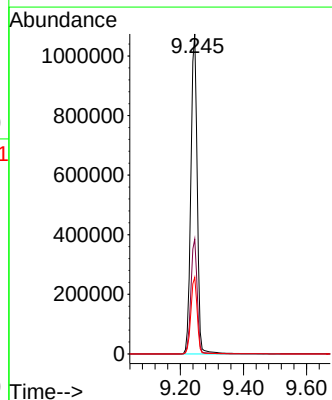
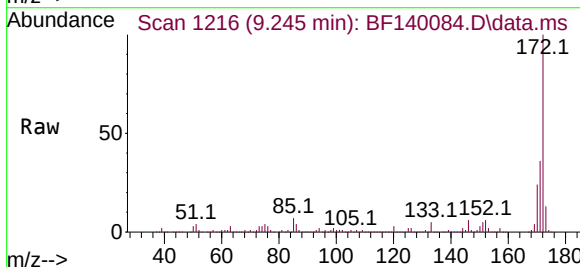
Instrument :
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WB-305-BOT

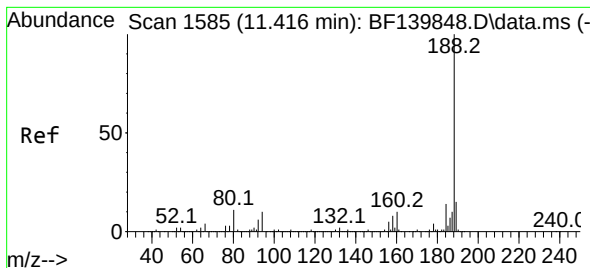
Tgt Ion:330 Resp: 367109
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 29.4 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 100.787 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140084.D
Acq: 28 Oct 2024 13:51

Tgt Ion:172 Resp: 1500601
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF140084.D

Acq: 28 Oct 2024 13:51

Instrument :

BNA_F

ClientSampleId :

WB-305-BOT

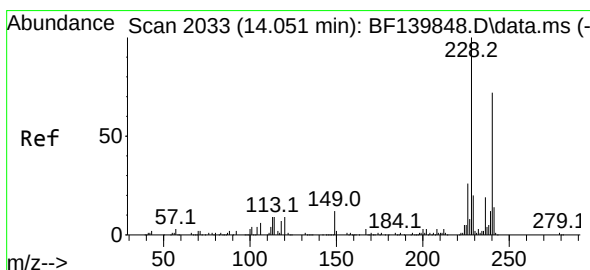
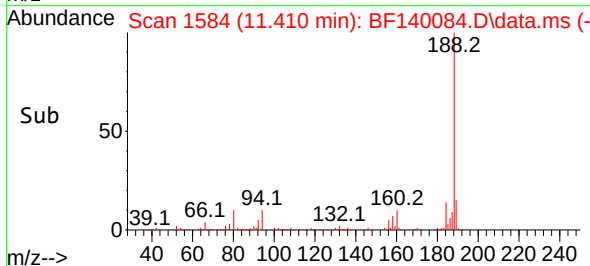
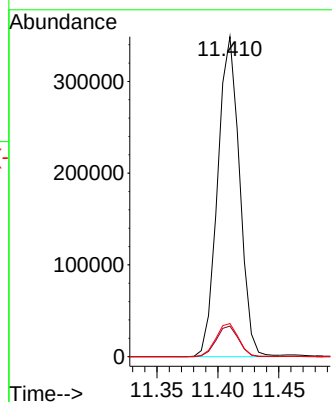
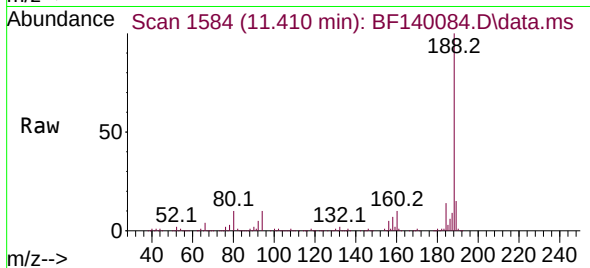
Tgt Ion:188 Resp: 437262

Ion Ratio Lower Upper

188 100

94 9.5 7.9 11.9

80 10.3 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: BF140084.D

Acq: 28 Oct 2024 13:51

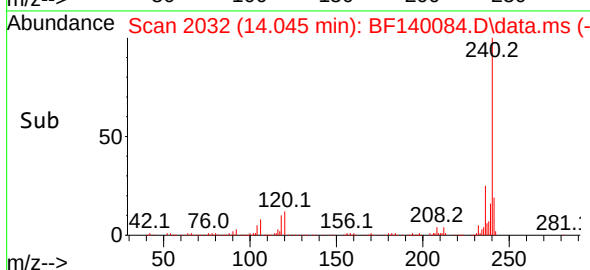
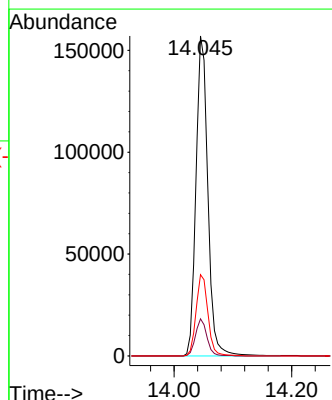
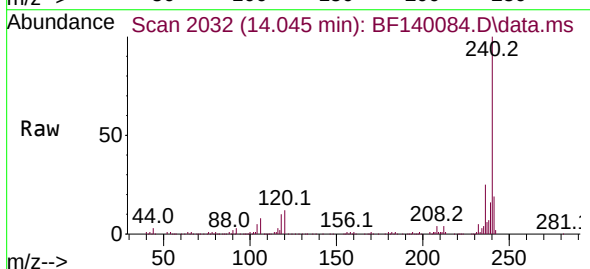
Tgt Ion:240 Resp: 219498

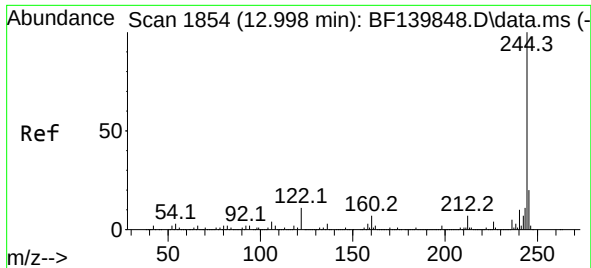
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 25.4 20.9 31.3

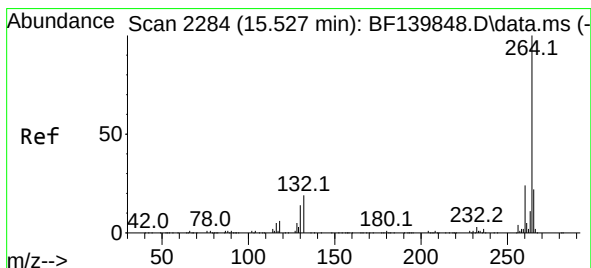
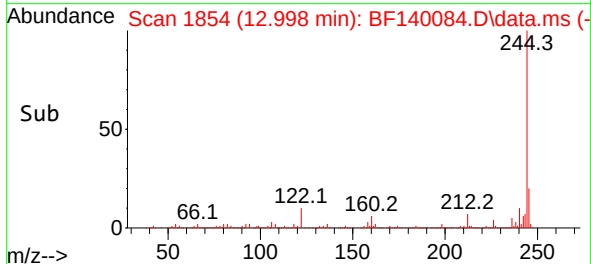
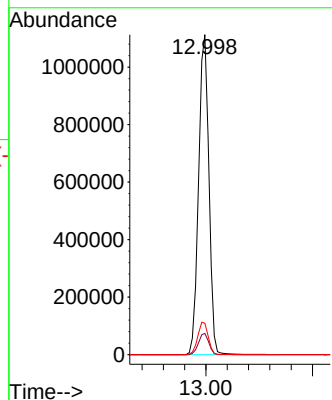
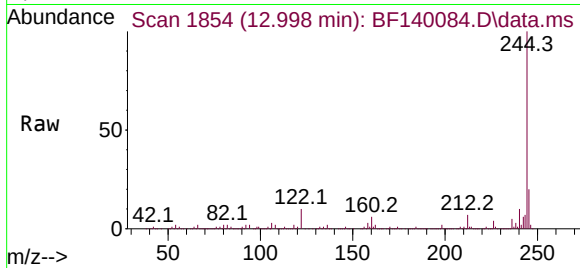




#79
 Terphenyl-d14
 Concen: 110.559 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140084.D
 Acq: 28 Oct 2024 13:51

Instrument :
 BNA_F
 ClientSampleId :
 WB-305-BOT

Tgt Ion:244 Resp: 1489277
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 9.8 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: BF140084.D
 Acq: 28 Oct 2024 13:51

Tgt Ion:264 Resp: 258448
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.8 17.4 26.0

