

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139212.D
Acq On : 28 Aug 2024 17:51
Operator : RC/JU
Sample : P3739-16
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3

Quant Time: Aug 28 18:19:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	85183	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	315105	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	163890	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	234273	20.000	ng	0.00
76) Chrysene-d12	14.045	240	188831	20.000	ng	0.00
86) Perylene-d12	15.515	264	155651	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	693979	136.897	ng	0.02
7) Phenol-d6	6.516	99	844121	121.330	ng	0.00
23) Nitrobenzene-d5	7.451	82	658692	115.808	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	216626	154.332	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1084961	102.833	ng	0.00
79) Terphenyl-d14	12.992	244	968626	80.038	ng	0.00

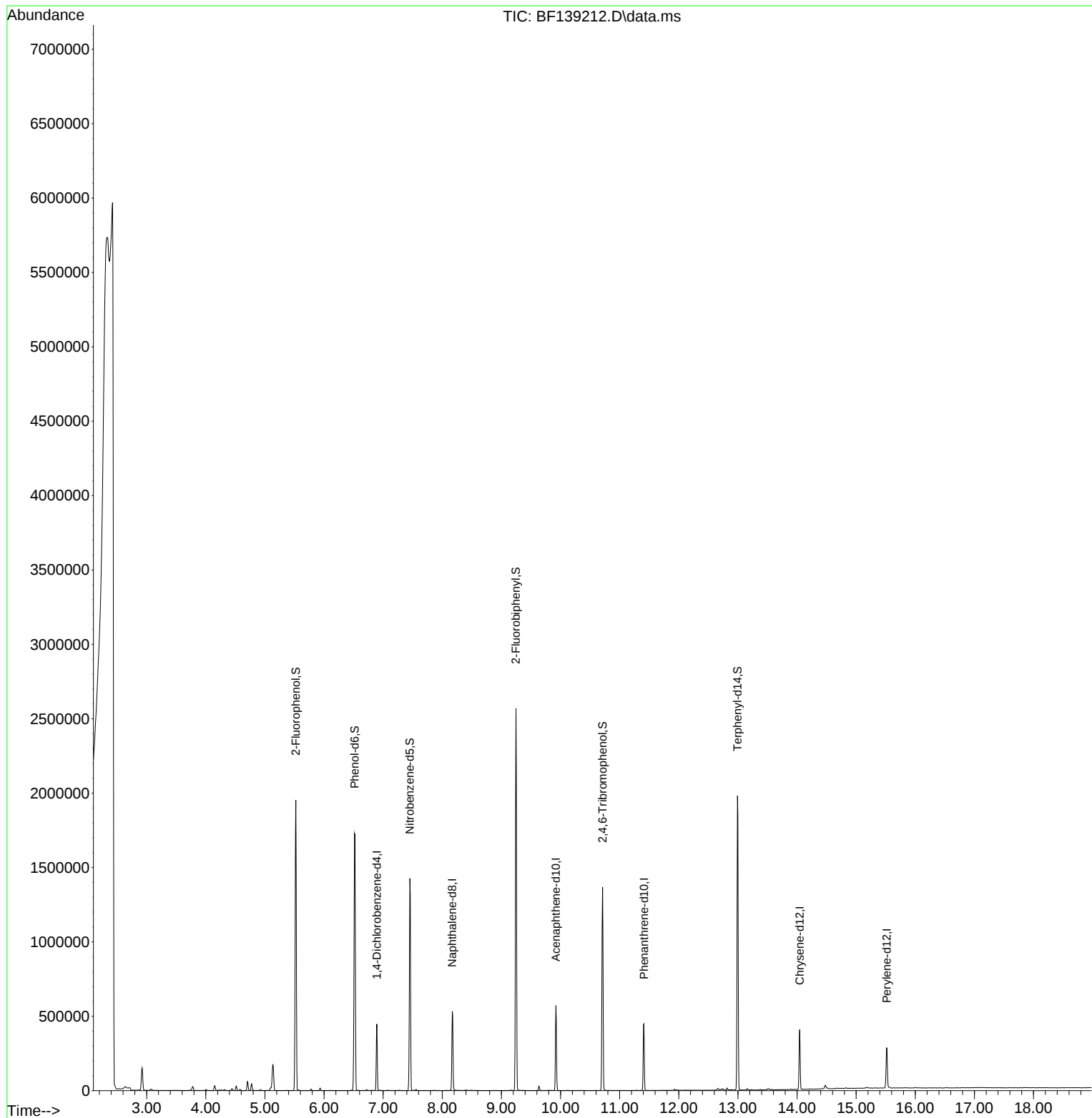
Target Compounds	Qvalue
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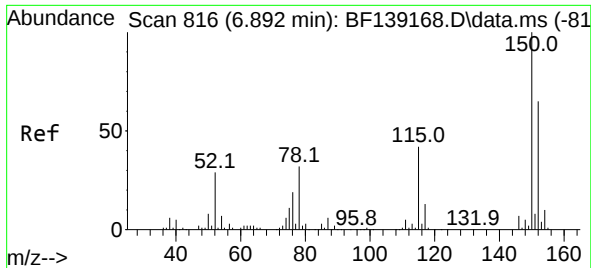
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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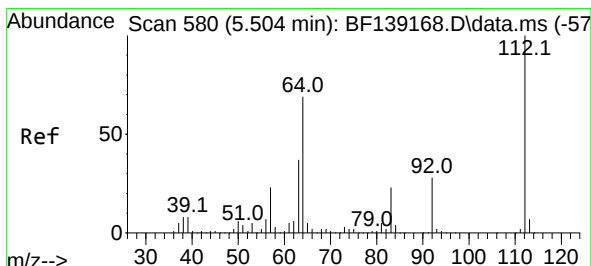
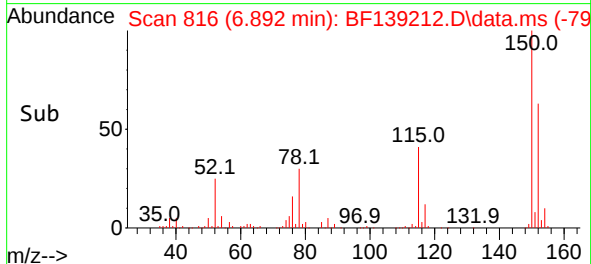
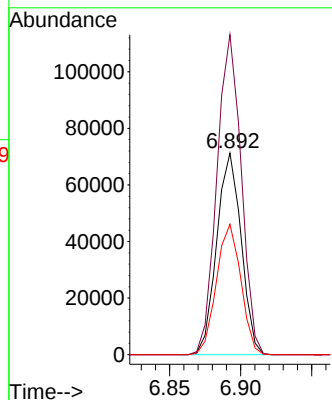
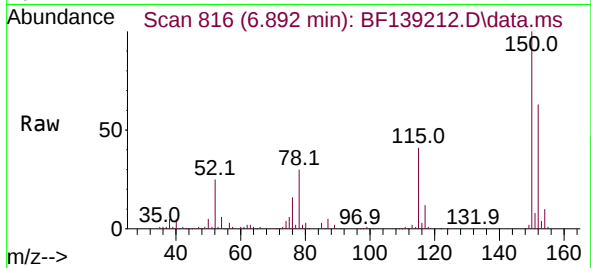




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

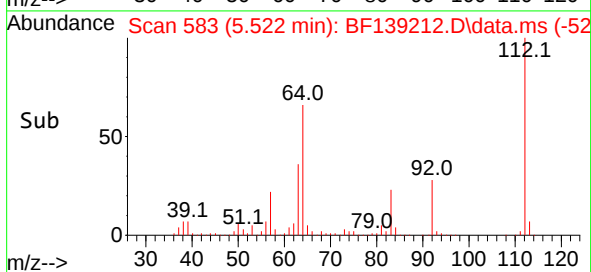
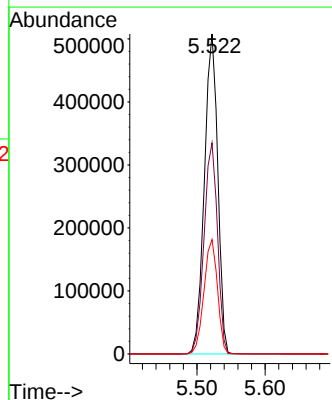
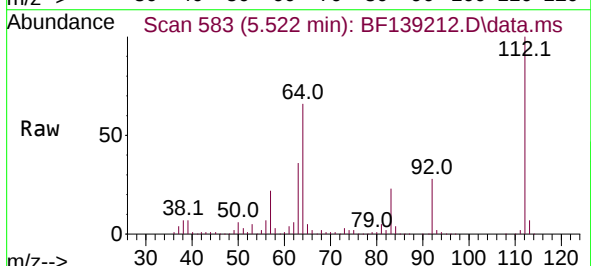
Instrument :
BNA_F
ClientSampleId :
WC-3

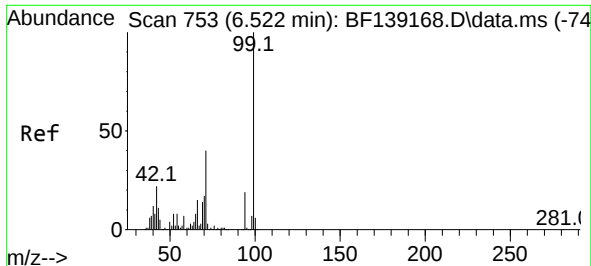
Tgt Ion:152 Resp: 85183
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 64.7 51.8 77.8



#5
2-Fluorophenol
Concen: 136.897 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:112 Resp: 693979
Ion Ratio Lower Upper
112 100
64 65.9 55.5 83.3
63 35.8 29.8 44.6

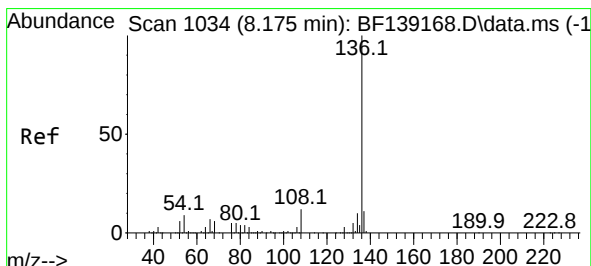
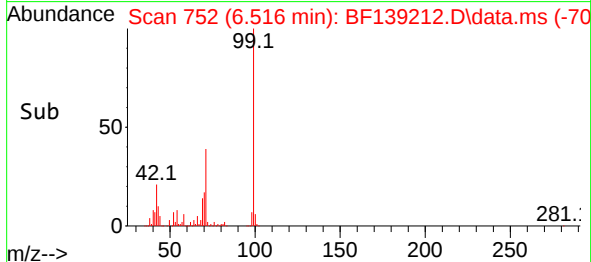
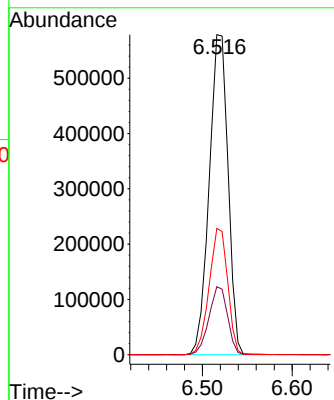
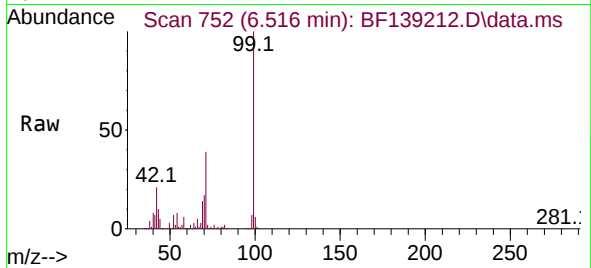




#7
Phenol-d6
Concen: 121.330 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

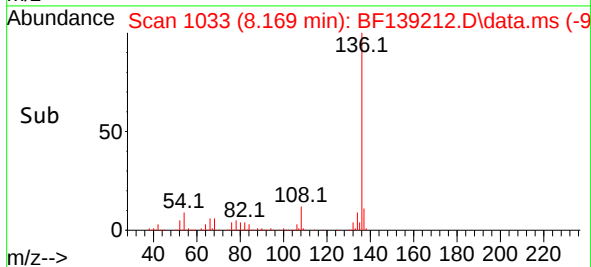
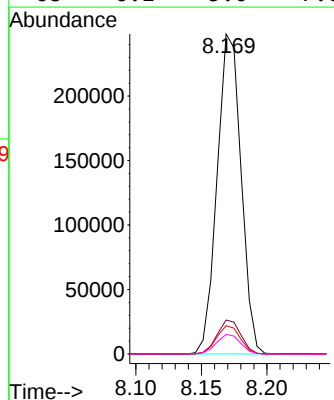
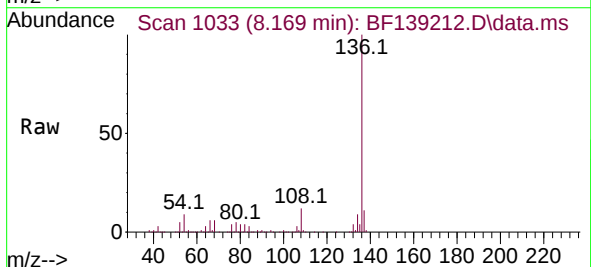
Instrument :
BNA_F
ClientSampleId :
WC-3

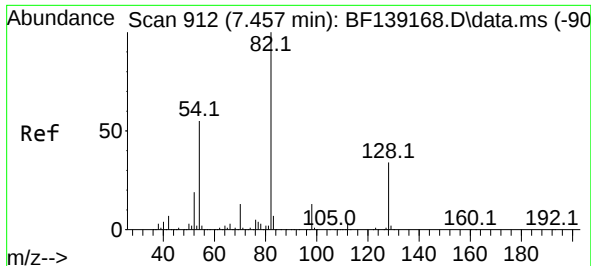
Tgt Ion: 99 Resp: 844121
Ion Ratio Lower Upper
99 100
42 21.2 17.9 26.9
71 39.4 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion: 136 Resp: 315105
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 8.9 7.6 11.4
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 115.808 ng

RT: 7.451 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

Instrument :

BNA_F

ClientSampleId :

WC-3

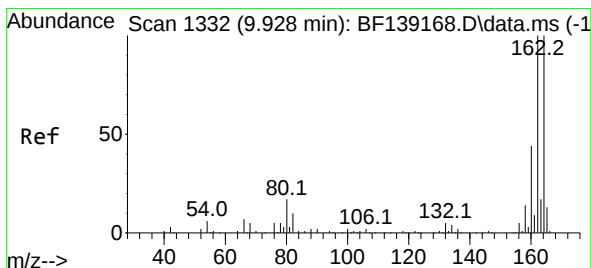
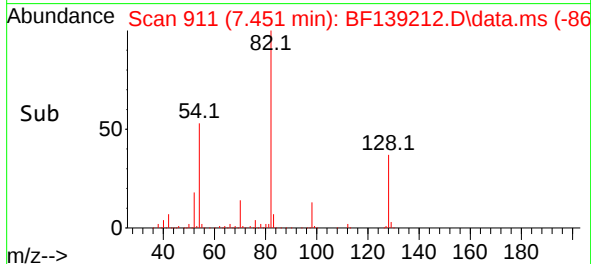
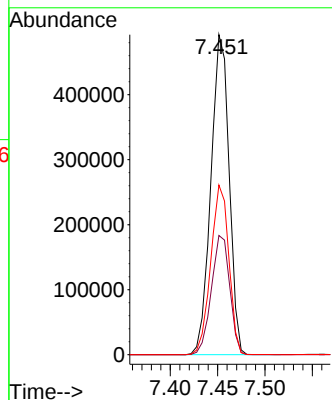
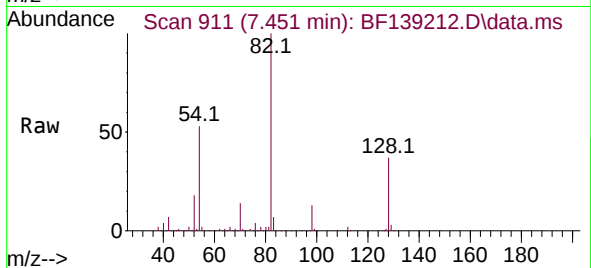
Tgt Ion: 82 Resp: 658692

Ion Ratio Lower Upper

82 100

128 37.2 27.1 40.7

54 53.0 44.2 66.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

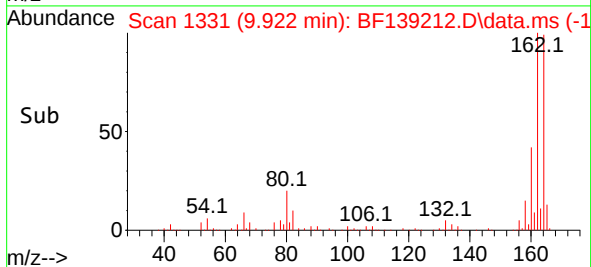
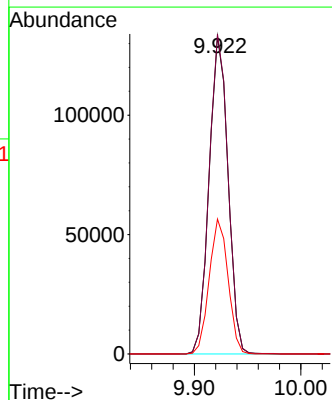
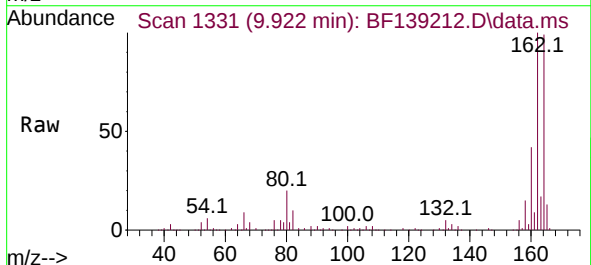
Tgt Ion:164 Resp: 163890

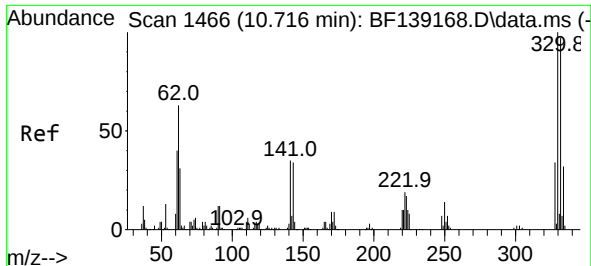
Ion Ratio Lower Upper

164 100

162 100.8 80.0 120.0

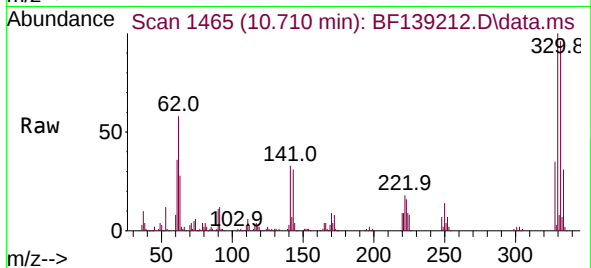
160 42.5 35.0 52.6



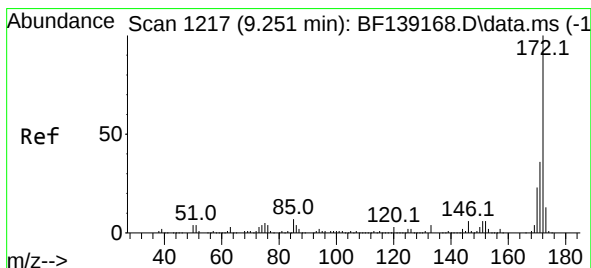
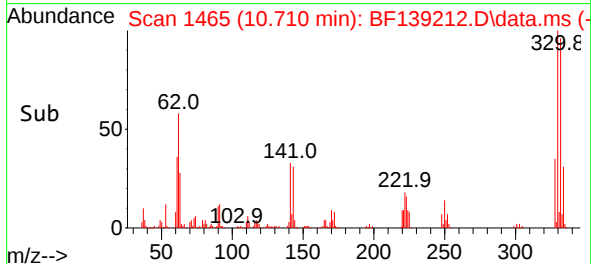
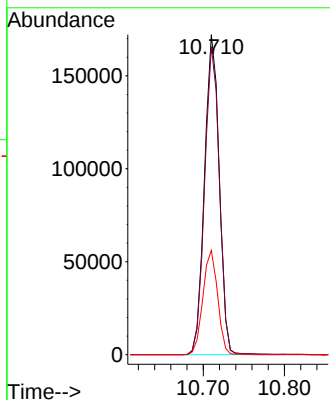


#42
2,4,6-Tribromophenol
Concen: 154.332 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Instrument :
BNA_F
ClientSampleId :
WC-3

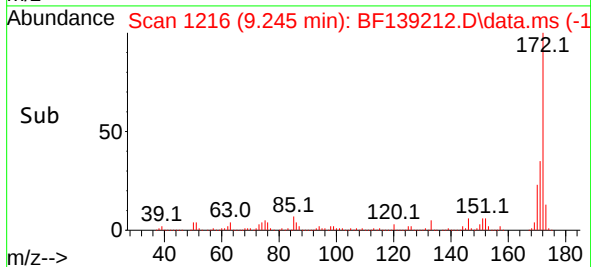
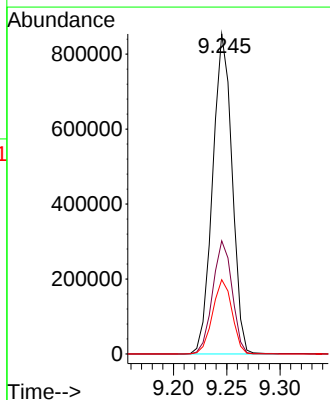
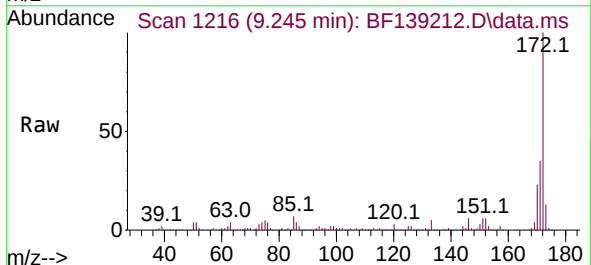


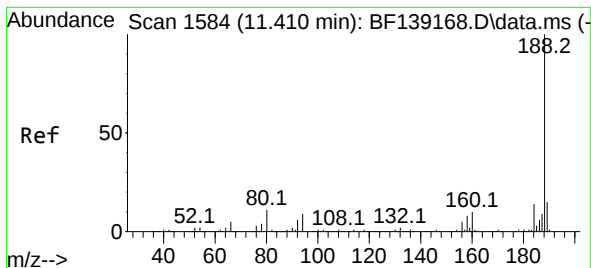
Tgt Ion:330 Resp: 216626
Ion Ratio Lower Upper
330 100
332 96.3 77.3 115.9
141 32.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 102.833 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:172 Resp: 1084961
Ion Ratio Lower Upper
172 100
171 35.3 28.6 42.8
170 23.2 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

Instrument :

BNA_F

ClientSampleId :

WC-3

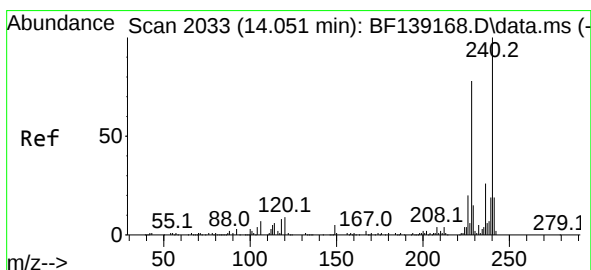
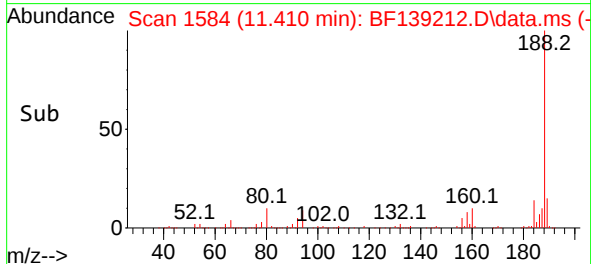
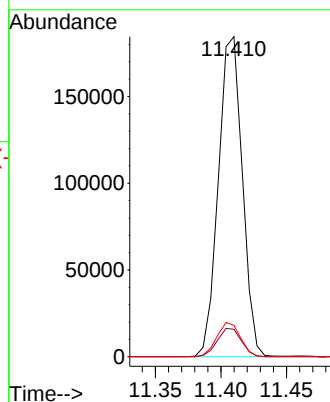
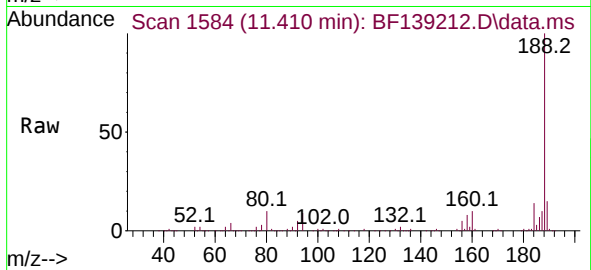
Tgt Ion:188 Resp: 234273

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 9.8 8.9 13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139212.D

Acq: 28 Aug 2024 17:51

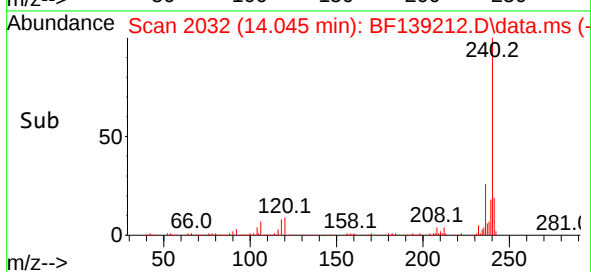
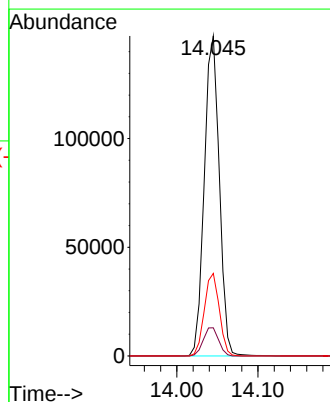
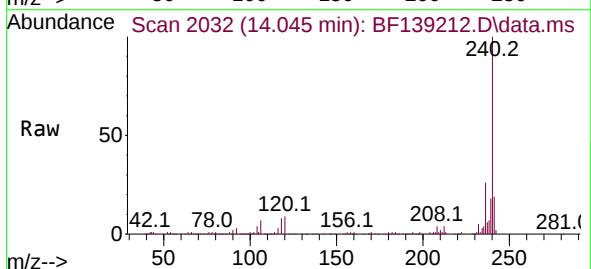
Tgt Ion:240 Resp: 188831

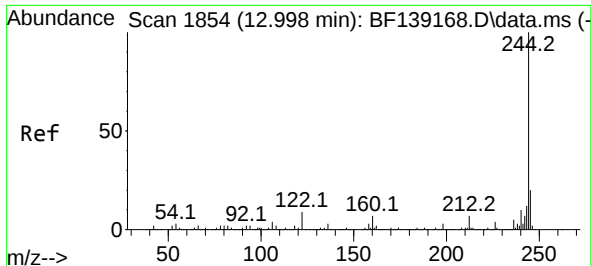
Ion Ratio Lower Upper

240 100

120 8.8 6.9 10.3

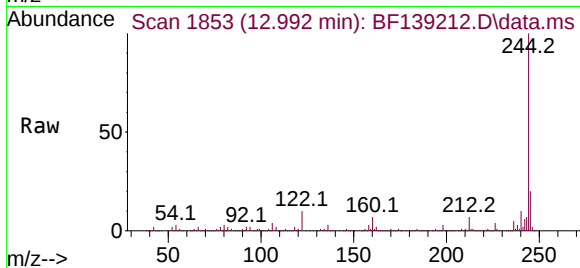
236 25.8 20.9 31.3



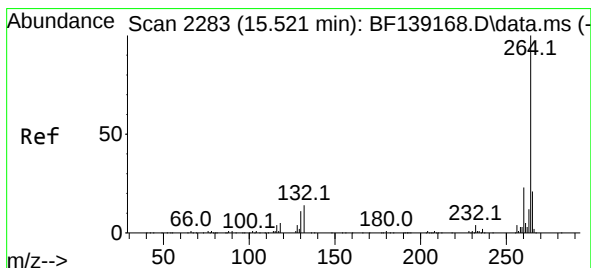
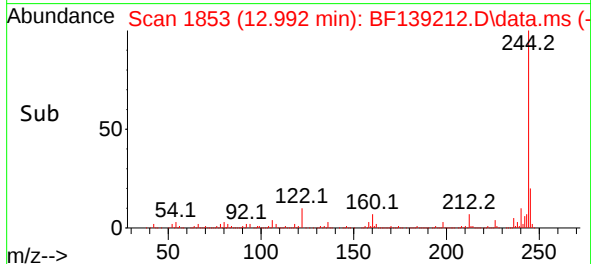
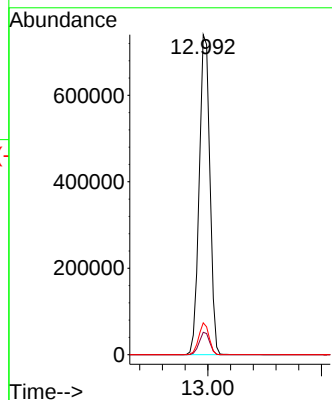


#79
Terphenyl-d14
Concen: 80.038 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Instrument :
BNA_F
ClientSampleId :
WC-3



Tgt Ion:244 Resp: 968626
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.0 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF139212.D
Acq: 28 Aug 2024 17:51

Tgt Ion:264 Resp: 155651
Ion Ratio Lower Upper
264 100
260 23.7 18.3 27.5
265 22.3 17.0 25.6

