

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139211.D
 Acq On : 28 Aug 2024 17:20
 Operator : RC/JU
 Sample : P3739-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Aug 28 17:44:30 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)

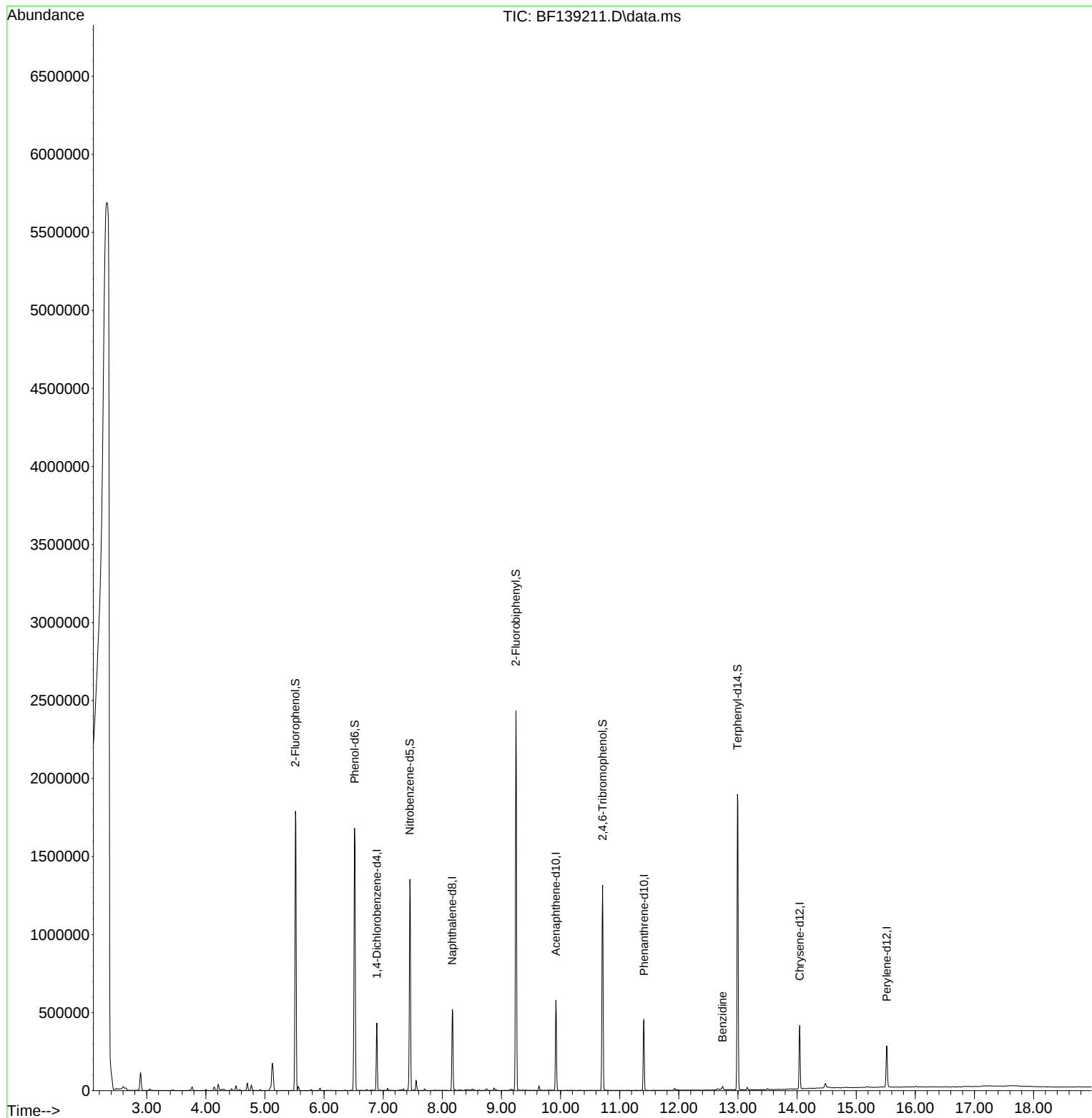
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	82517	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	306840	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162749	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	238082	20.000	ng	0.00
76) Chrysene-d12	14.045	240	188688	20.000	ng	0.00
86) Perylene-d12	15.515	264	154609	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	643038	130.947	ng	0.01
7) Phenol-d6	6.516	99	778209	115.470	ng	0.00
23) Nitrobenzene-d5	7.451	82	622437	112.382	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204658	146.828	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1027337	98.054	ng	0.00
79) Terphenyl-d14	12.992	244	942567	77.944	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	12091	3.797	ng	Qvalue 98

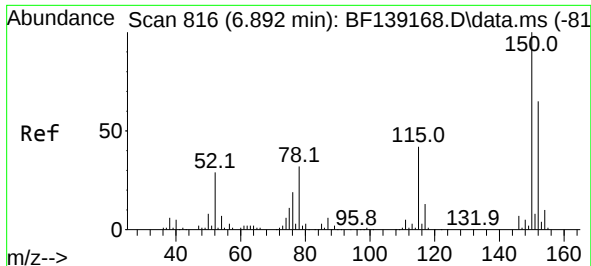
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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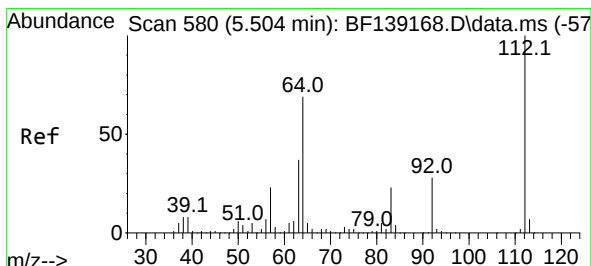
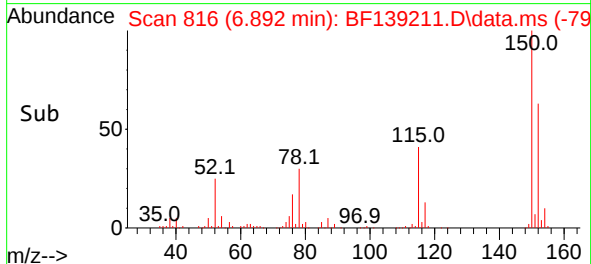
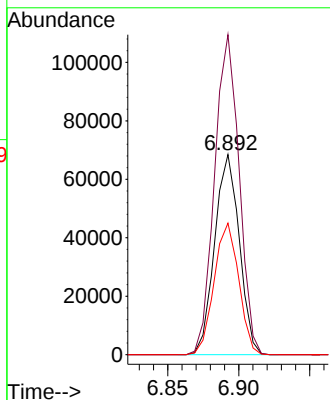
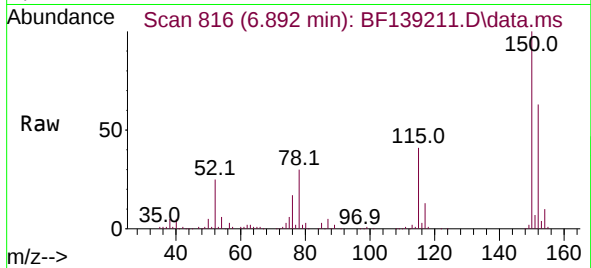




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

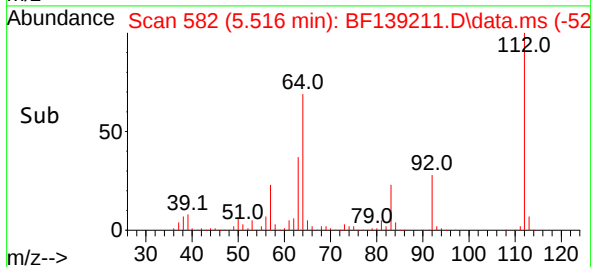
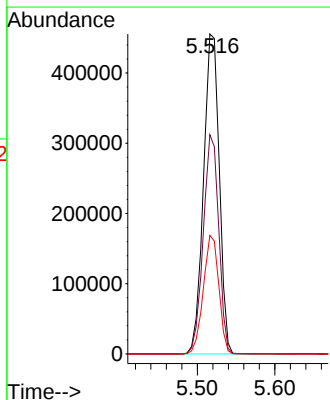
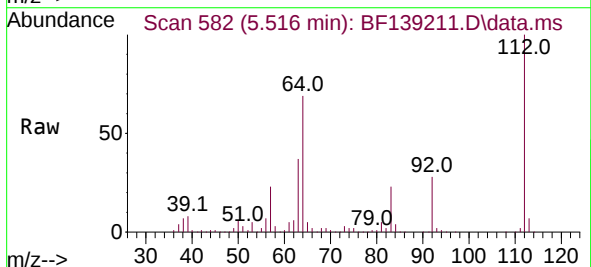
Instrument :
BNA_F
ClientSampleId :
WC-2

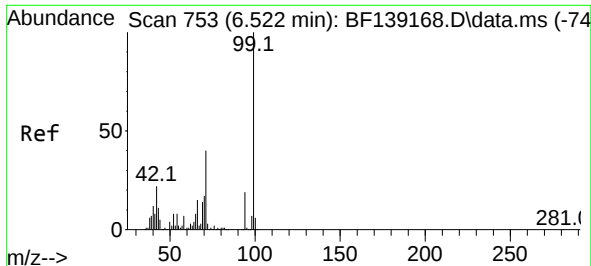
Tgt Ion:152 Resp: 82517
Ion Ratio Lower Upper
152 100
150 159.8 123.7 185.5
115 65.7 51.8 77.8



#5
2-Fluorophenol
Concen: 130.947 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:112 Resp: 643038
Ion Ratio Lower Upper
112 100
64 68.5 55.5 83.3
63 37.0 29.8 44.6

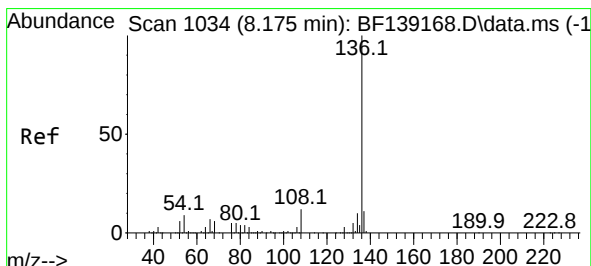
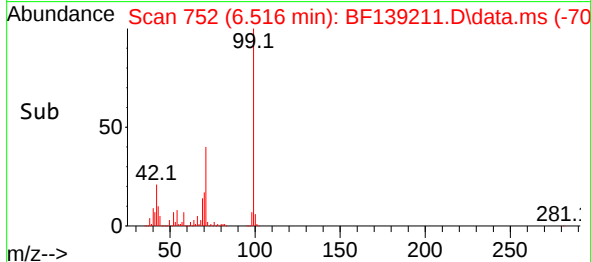
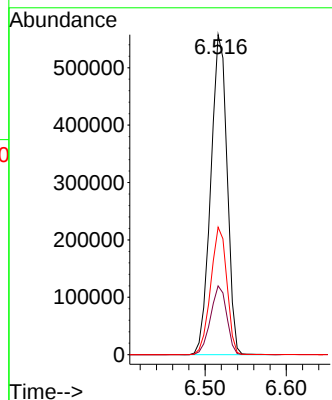
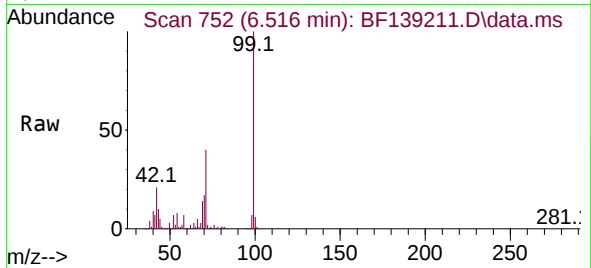




#7
Phenol-d6
Concen: 115.470 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

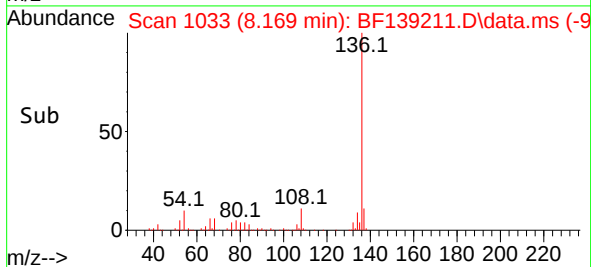
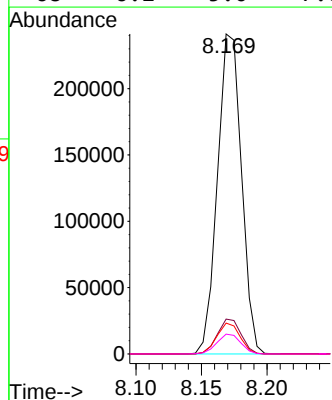
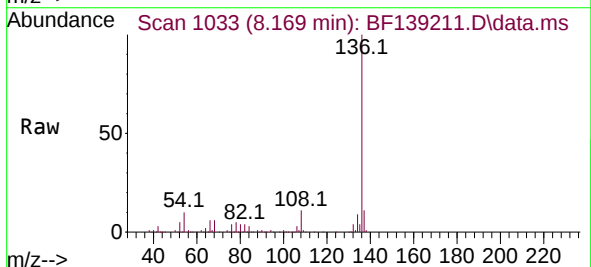
Instrument :
BNA_F
ClientSampleId :
WC-2

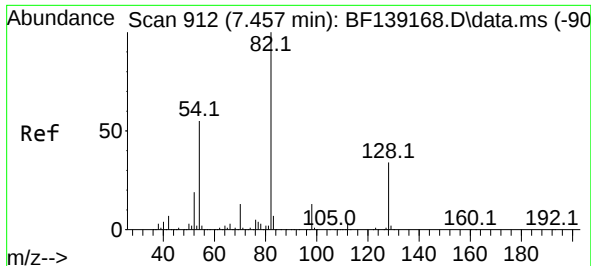
Tgt Ion: 99 Resp: 778209
Ion Ratio Lower Upper
99 100
42 21.5 17.9 26.9
71 39.8 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion: 136 Resp: 306840
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.6 7.6 11.4
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 112.382 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

Instrument :

BNA_F

ClientSampleId :

WC-2

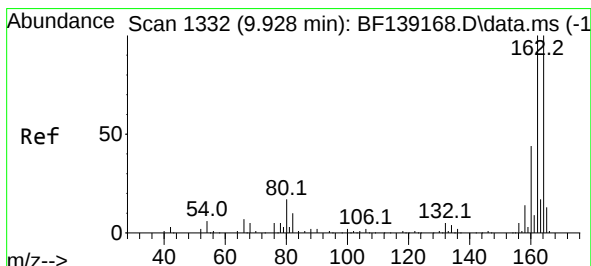
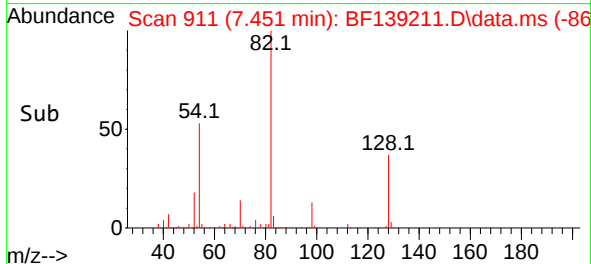
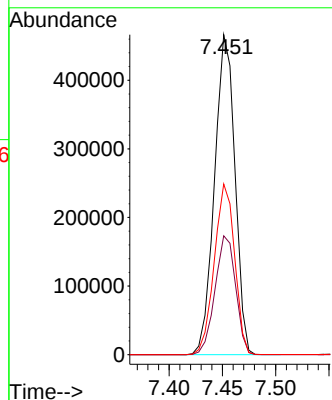
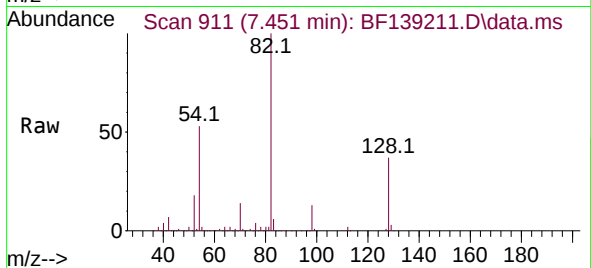
Tgt Ion: 82 Resp: 622437

Ion Ratio Lower Upper

82 100

128 37.1 27.1 40.7

54 53.4 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: BF139211.D

Acq: 28 Aug 2024 17:20

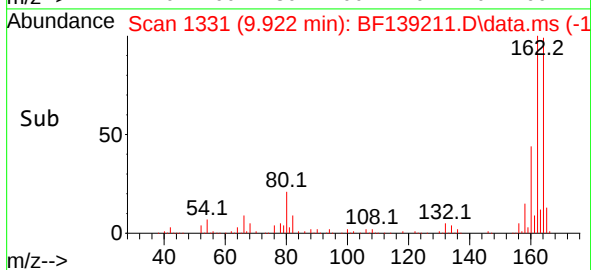
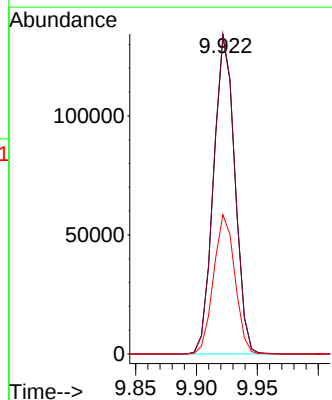
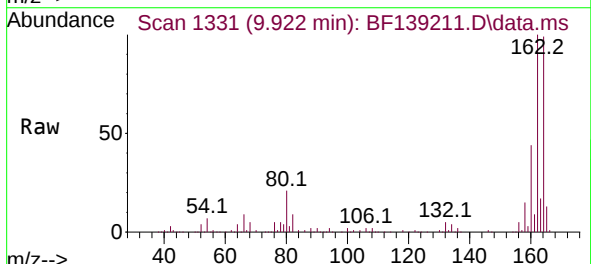
Tgt Ion:164 Resp: 162749

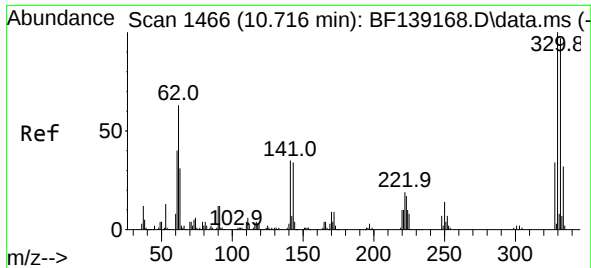
Ion Ratio Lower Upper

164 100

162 100.9 80.0 120.0

160 43.9 35.0 52.6

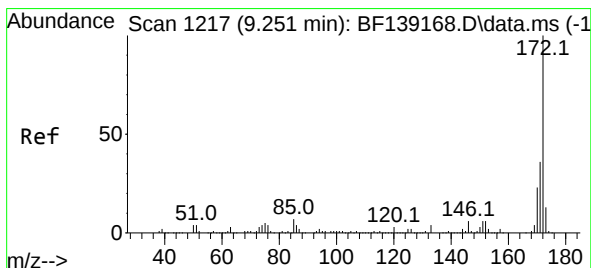
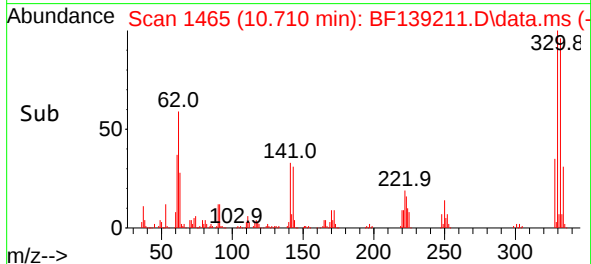
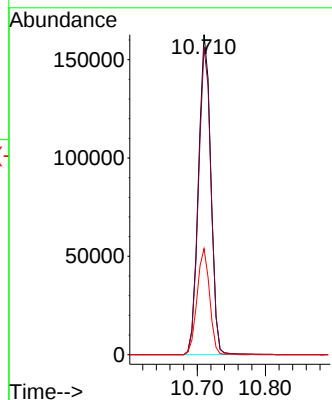
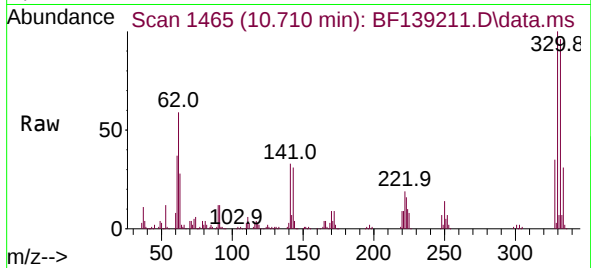




#42
2,4,6-Tribromophenol
Concen: 146.828 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

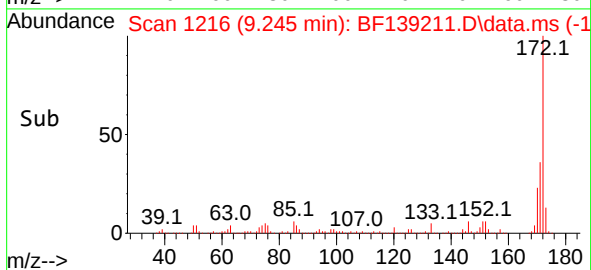
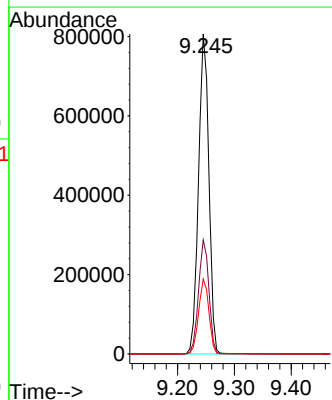
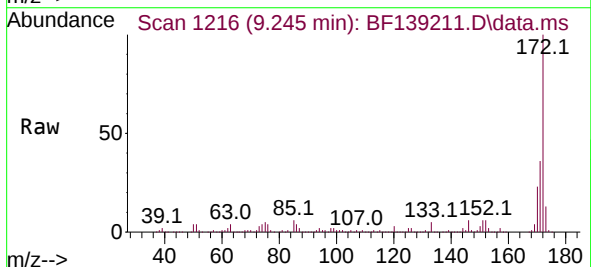
Instrument :
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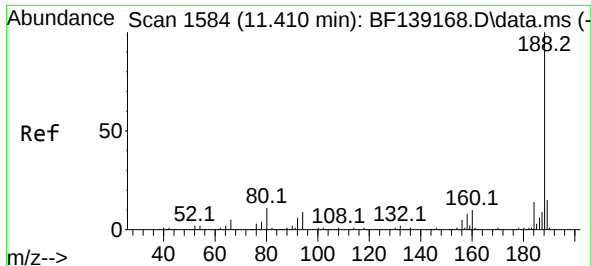
Tgt Ion:330 Resp: 204658
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 33.2 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 98.054 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:172 Resp: 1027337
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.4 18.8 28.2

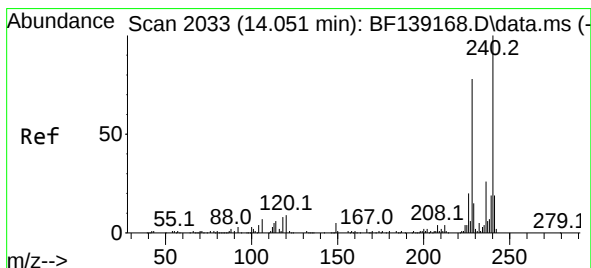
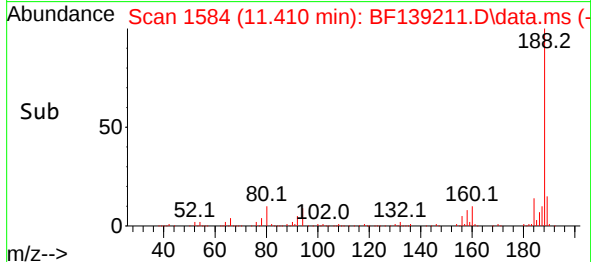
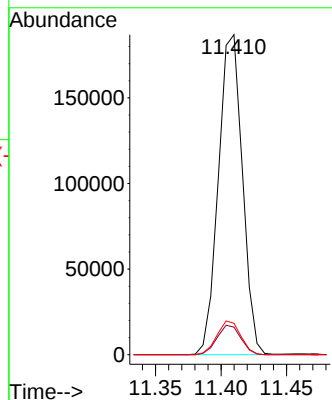
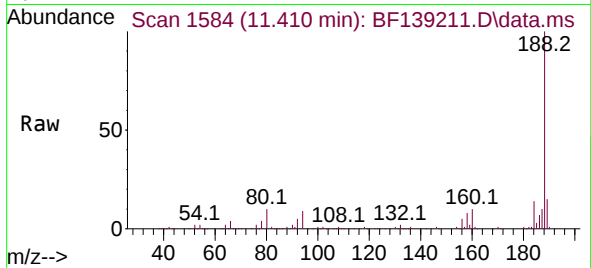




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

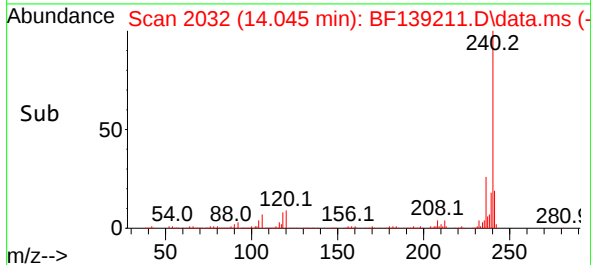
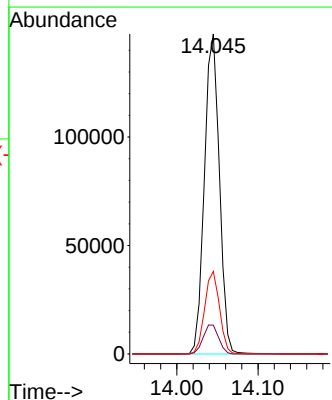
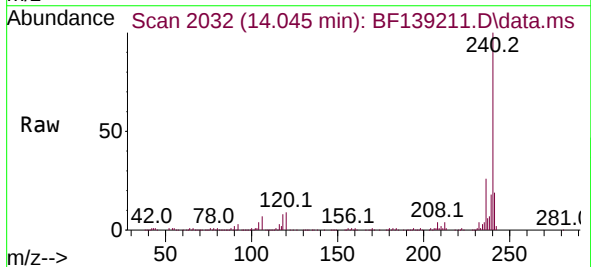
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WC-2

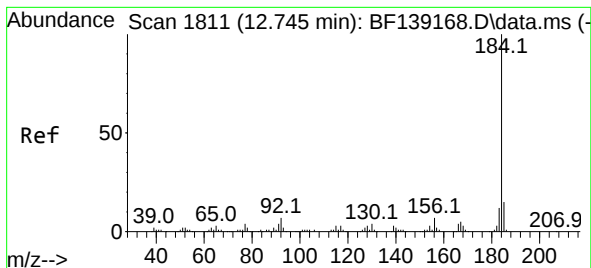
Tgt Ion:188 Resp: 238082
Ion Ratio Lower Upper
188 100
94 8.6 7.4 11.2
80 9.8 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139211.D
Acq: 28 Aug 2024 17:20

Tgt Ion:240 Resp: 188688
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.8 20.9 31.3





#77

Benzidine

Concen: 3.797 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

Instrument :

BNA_F

ClientSampleId :

WC-2

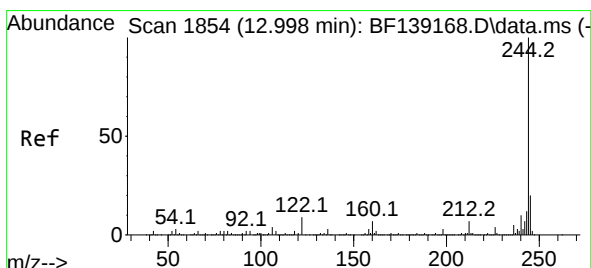
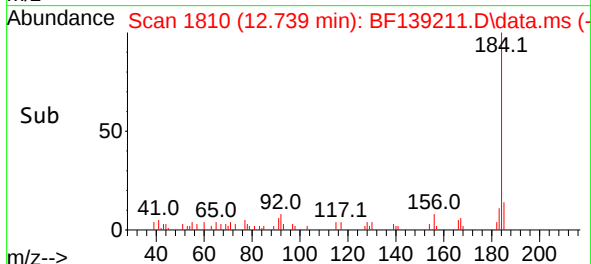
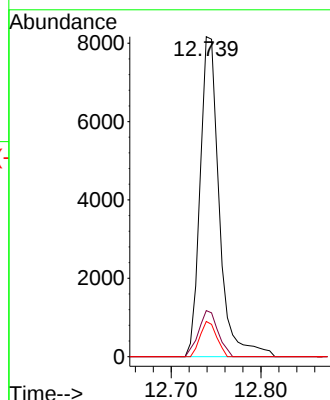
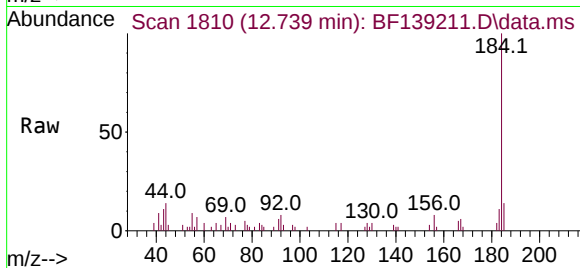
Tgt Ion:184 Resp: 12091

Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

183 11.0 9.4 14.0



#79

Terphenyl-d14

Concen: 77.944 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139211.D

Acq: 28 Aug 2024 17:20

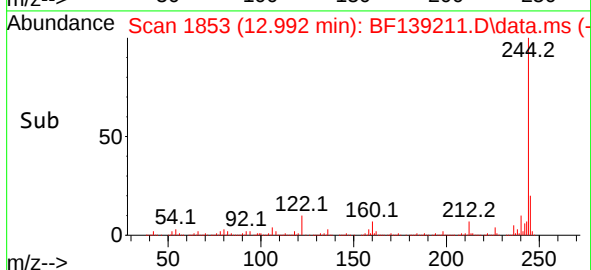
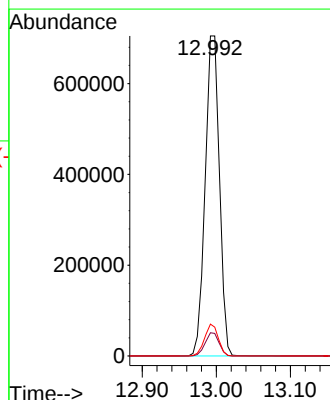
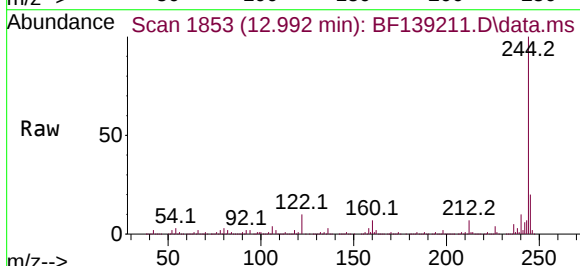
Tgt Ion:244 Resp: 942567

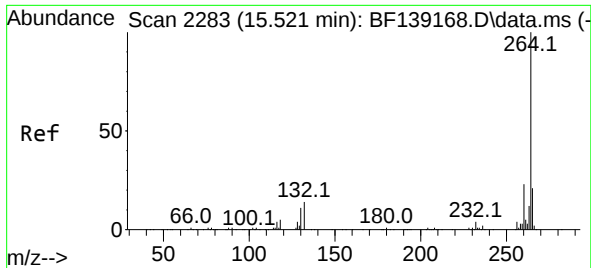
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

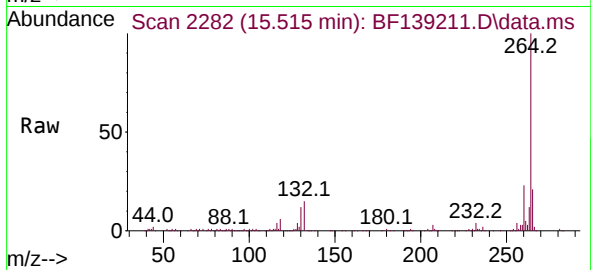
122 10.0 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139211.D
 Acq: 28 Aug 2024 17:20

Instrument :
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 ClientSampleId :
 WC-2



Tgt Ion:264 Resp: 154609
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.5 17.0 25.6

