

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139210.D
 Acq On : 28 Aug 2024 16:48
 Operator : RC/JU
 Sample : P3739-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 28 17:16:48 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)

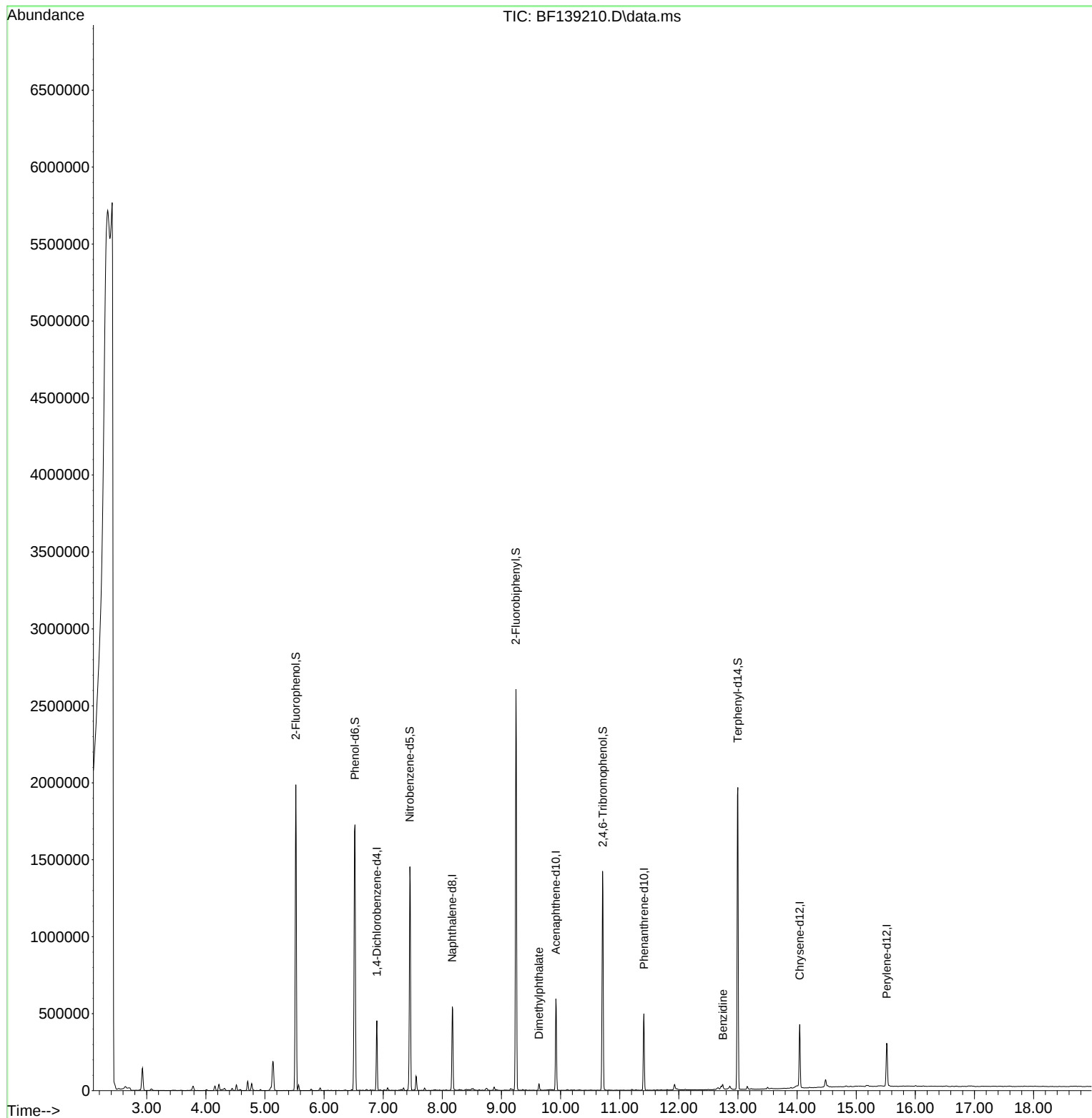
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	86844	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	318576	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	172929	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	249097	20.000	ng	0.00
76) Chrysene-d12	14.045	240	185375	20.000	ng	0.00
86) Perylene-d12	15.515	264	166302	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	692539	134.000	ng	0.02
7) Phenol-d6	6.522	99	841903	118.697	ng	0.00
23) Nitrobenzene-d5	7.451	82	676580	117.657	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	230853	155.871	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1102403	99.025	ng	0.00
79) Terphenyl-d14	12.998	244	973007	81.899	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	9.633	163	22016	2.204	ng	99
77) Benzidine	12.745	184	15502	4.956	ng	97

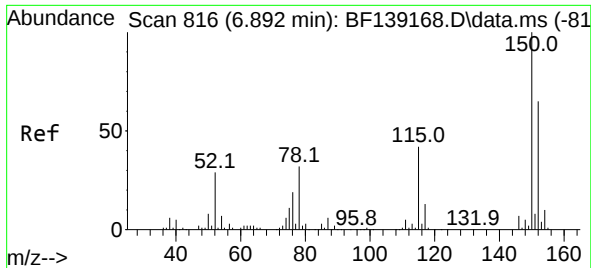
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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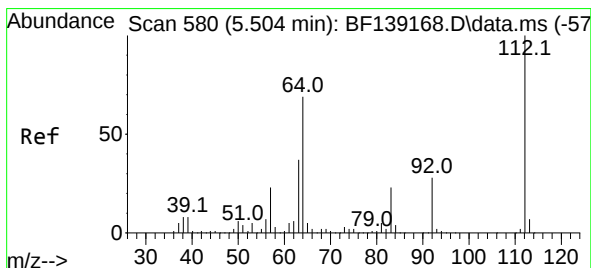
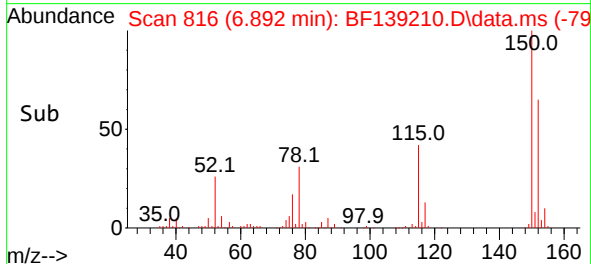
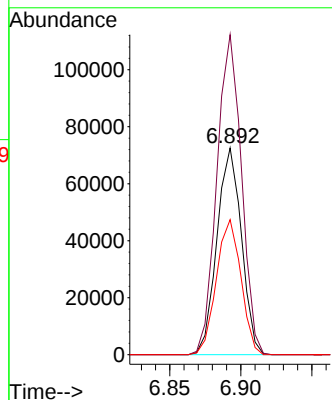
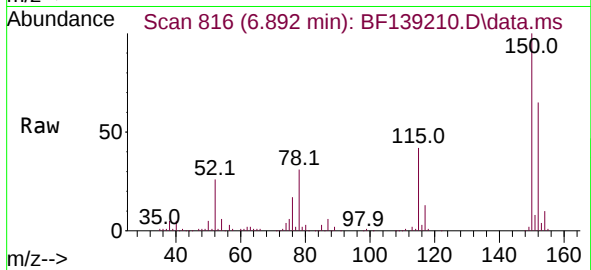




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

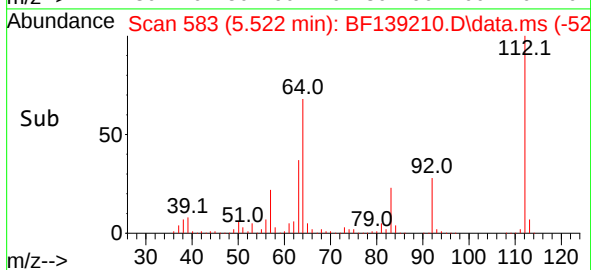
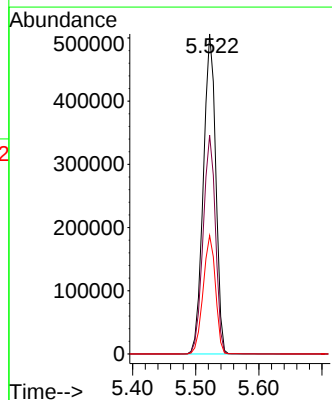
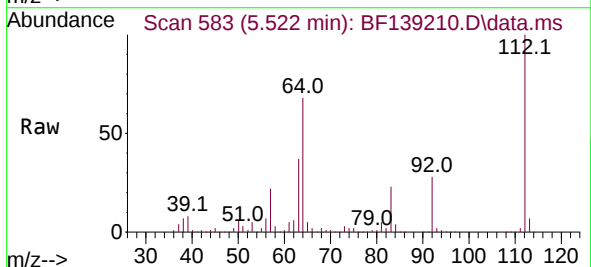
Instrument :
BNA_F
ClientSampleId :
WC-1

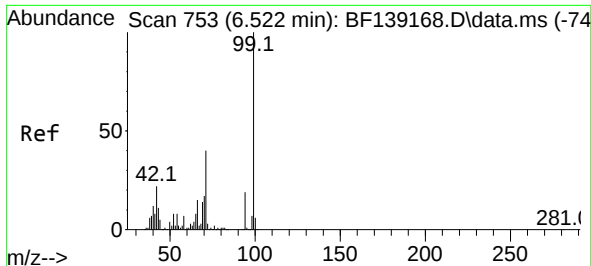
Tgt Ion:152 Resp: 86844
Ion Ratio Lower Upper
152 100
150 154.7 123.7 185.5
115 65.3 51.8 77.8



#5
2-Fluorophenol
Concen: 134.000 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:112 Resp: 692539
Ion Ratio Lower Upper
112 100
64 68.3 55.5 83.3
63 37.0 29.8 44.6





#7
Phenol-d6
Concen: 118.697 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

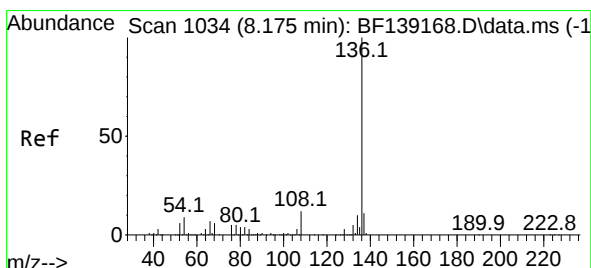
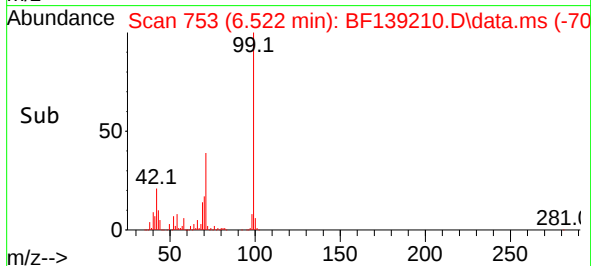
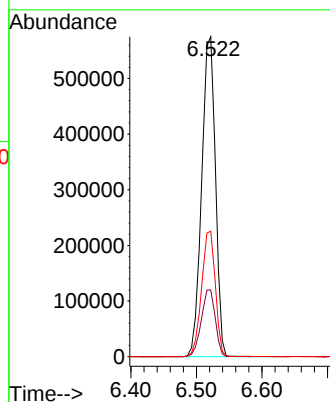
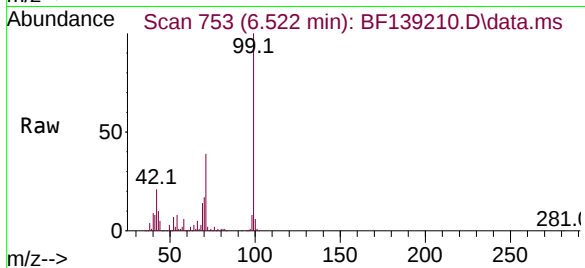
Instrument :

BNA_F

ClientSampleId :

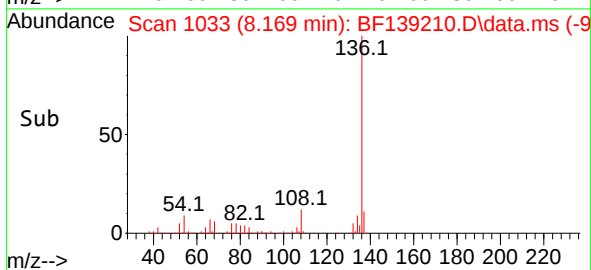
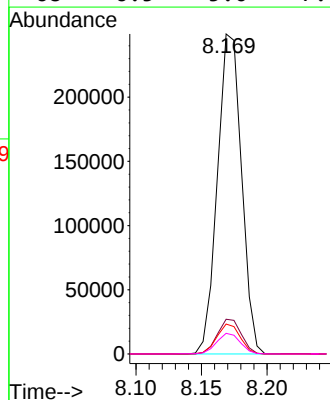
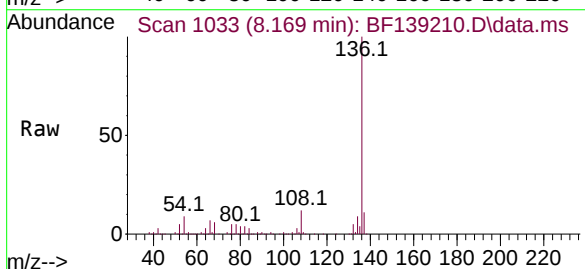
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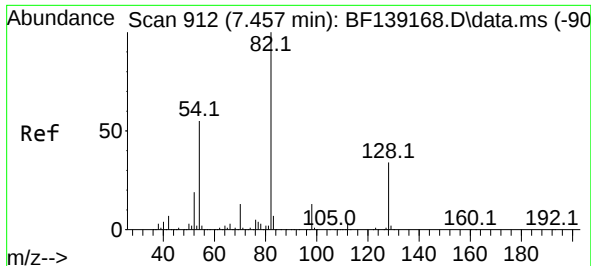
Tgt Ion: 99 Resp: 841903
Ion Ratio Lower Upper
99 100
42 20.8 17.9 26.9
71 39.2 31.7 47.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion: 136 Resp: 318576
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.3 7.6 11.4
68 6.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 117.657 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139210.D

Acq: 28 Aug 2024 16:48

Instrument :

BNA_F

ClientSampleId :

WC-1

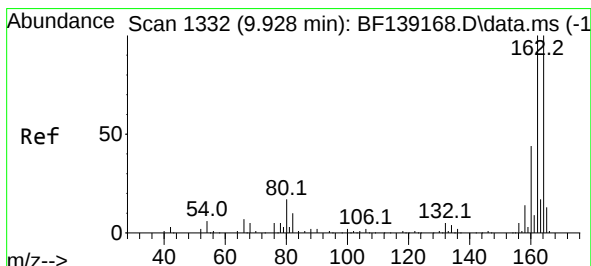
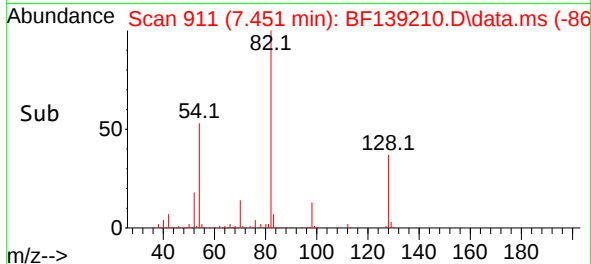
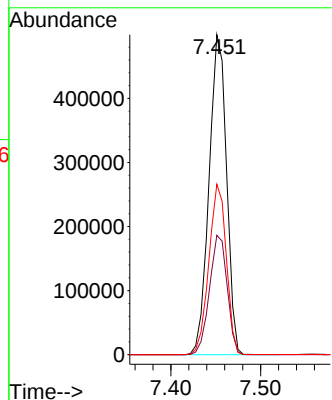
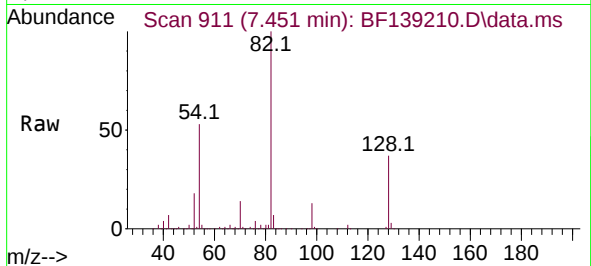
Tgt Ion: 82 Resp: 676580

Ion Ratio Lower Upper

82 100

128 37.3 27.1 40.7

54 53.2 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: BF139210.D

Acq: 28 Aug 2024 16:48

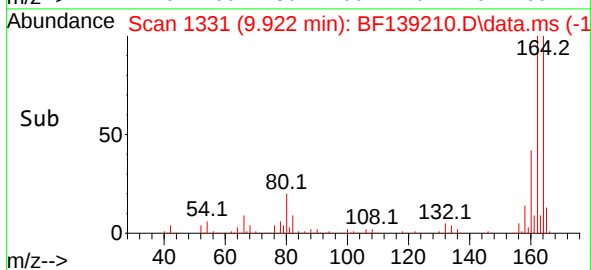
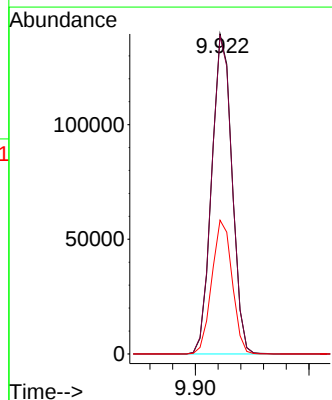
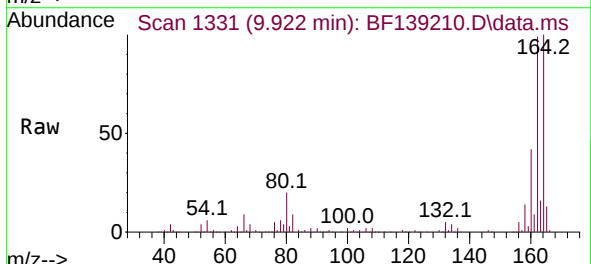
Tgt Ion:164 Resp: 172929

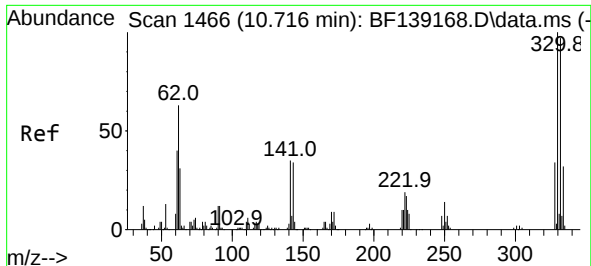
Ion Ratio Lower Upper

164 100

162 99.4 80.0 120.0

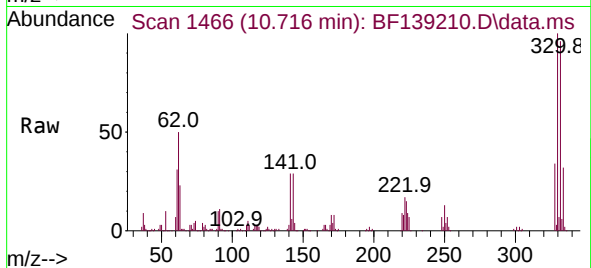
160 41.8 35.0 52.6



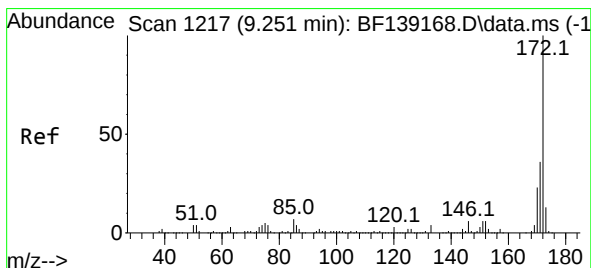
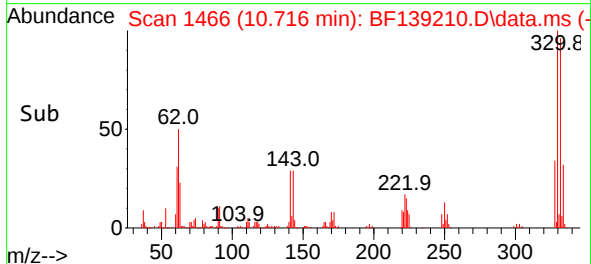
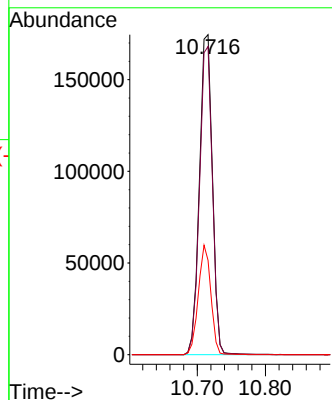


#42
2,4,6-Tribromophenol
Concen: 155.871 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Instrument :
BNA_F
ClientSampleId :
WC-1

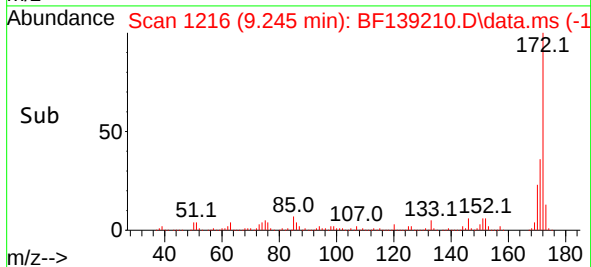
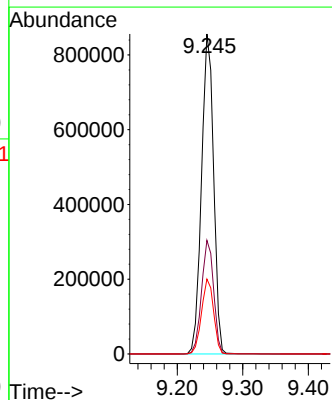
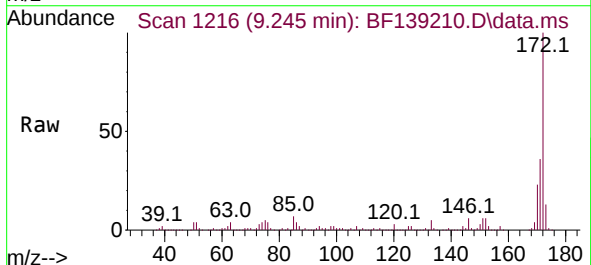


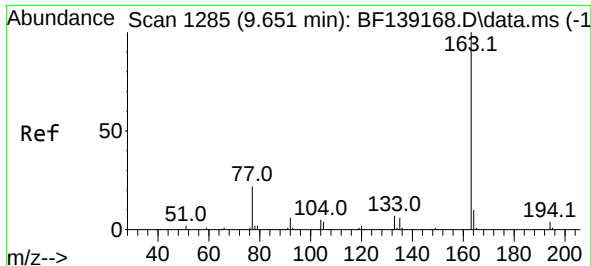
Tgt Ion:330 Resp: 230853
Ion Ratio Lower Upper
330 100
332 95.8 77.3 115.9
141 33.0 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 99.025 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:172 Resp: 1102403
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.8 28.2

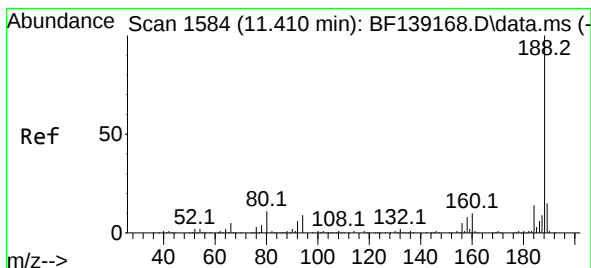
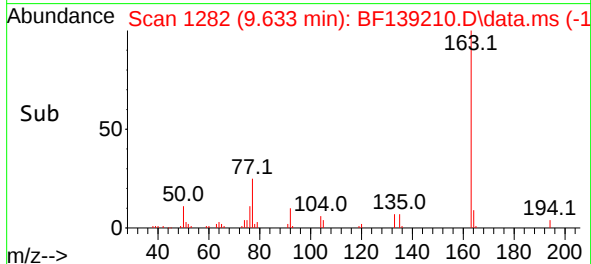
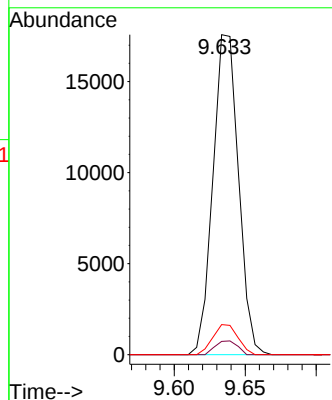
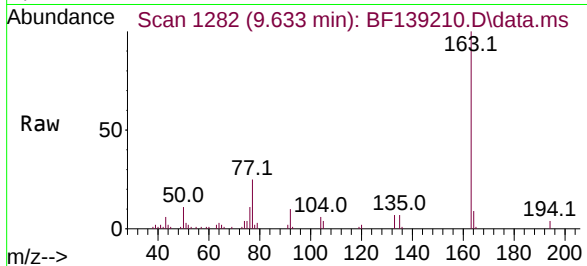




#50
Dimethylphthalate
Concen: 2.204 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

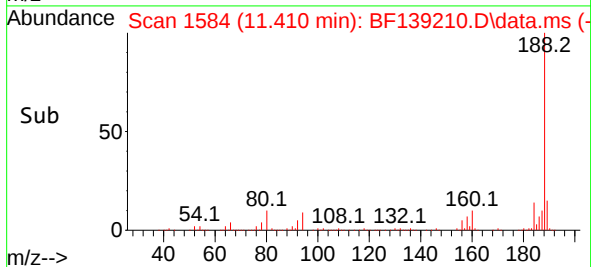
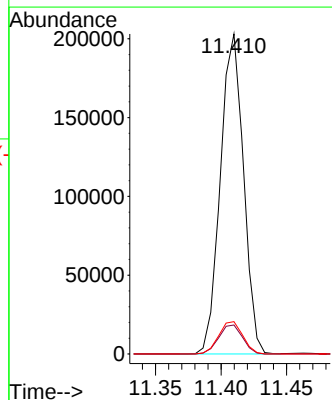
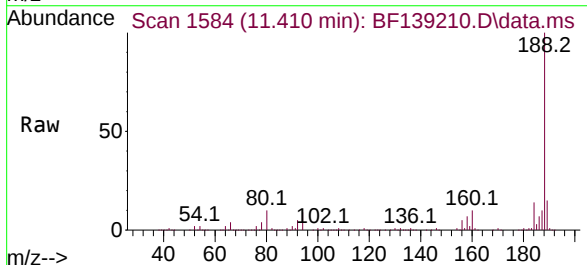
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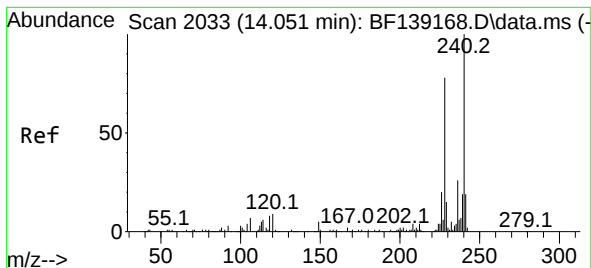
Tgt Ion:163 Resp: 22016
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.4 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF139210.D
Acq: 28 Aug 2024 16:48

Tgt Ion:188 Resp: 249097
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 10.1 8.9 13.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139210.D

Acq: 28 Aug 2024 16:48

Instrument :

BNA_F

ClientSampleId :

WC-1

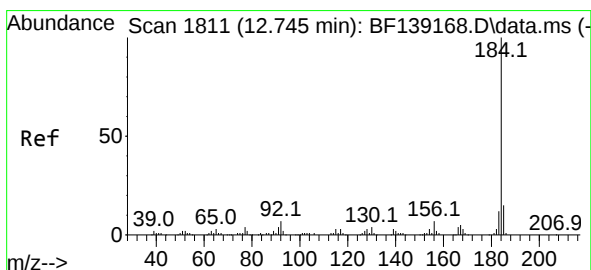
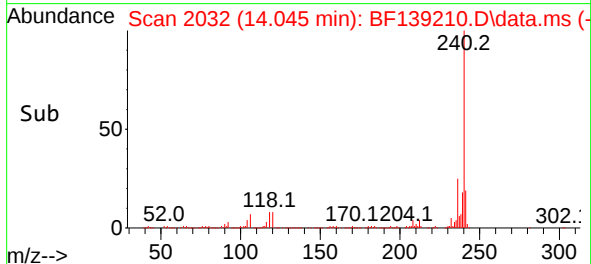
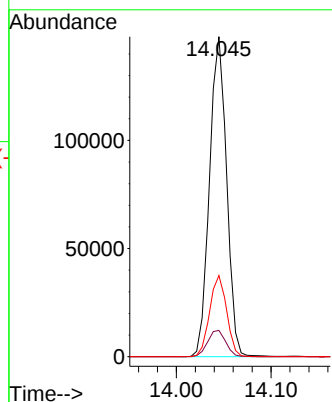
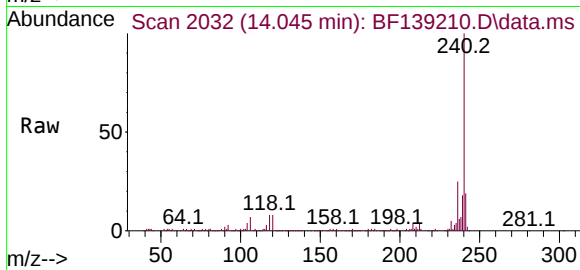
Tgt Ion:240 Resp: 185375

Ion Ratio Lower Upper

240 100

120 8.2 6.9 10.3

236 25.4 20.9 31.3



#77

Benzidine

Concen: 4.956 ng

RT: 12.745 min Scan# 1811

Delta R.T. -0.000 min

Lab File: BF139210.D

Acq: 28 Aug 2024 16:48

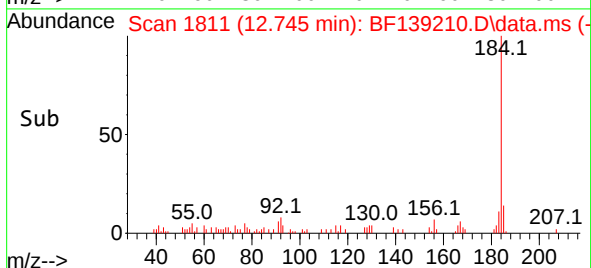
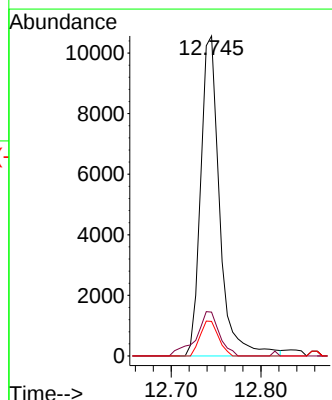
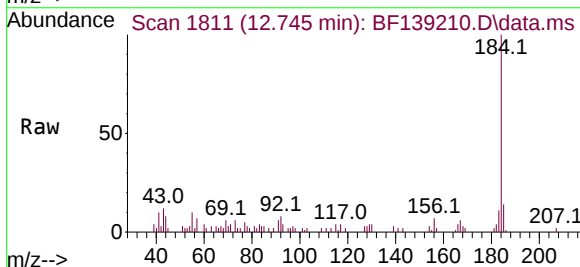
Tgt Ion:184 Resp: 15502

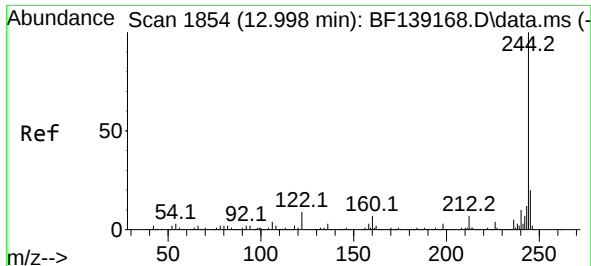
Ion Ratio Lower Upper

184 100

185 13.7 12.1 18.1

183 10.8 9.4 14.0

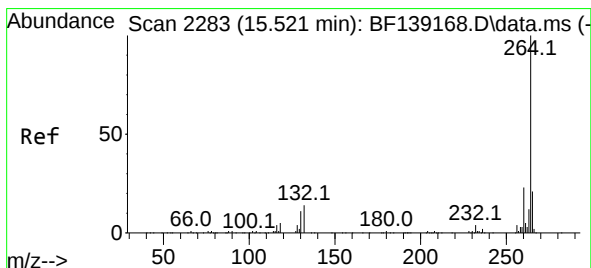
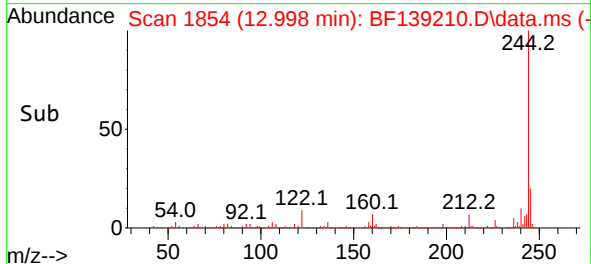
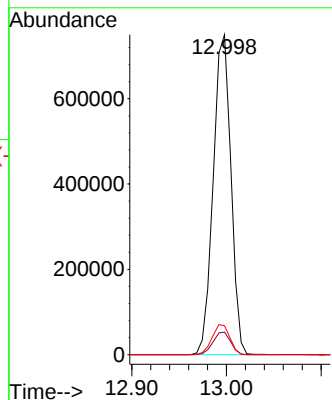
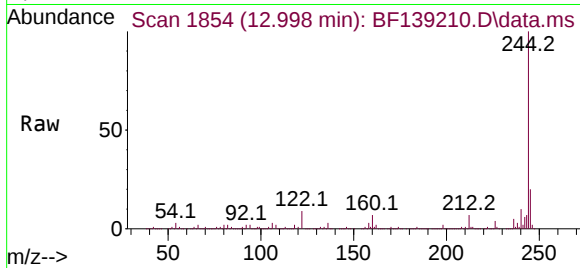




#79
 Terphenyl-d14
 Concen: 81.899 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139210.D
 Acq: 28 Aug 2024 16:48

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Tgt Ion:244 Resp: 973007
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 9.1 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: BF139210.D
 Acq: 28 Aug 2024 16:48

Tgt Ion:264 Resp: 166302
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.7 17.0 25.6

