

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139510.D
 Acq On : 20 Sep 2024 19:18
 Operator : RC/JU
 Sample : P4103-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-7.5-10A

Quant Time: Sep 20 23:22:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

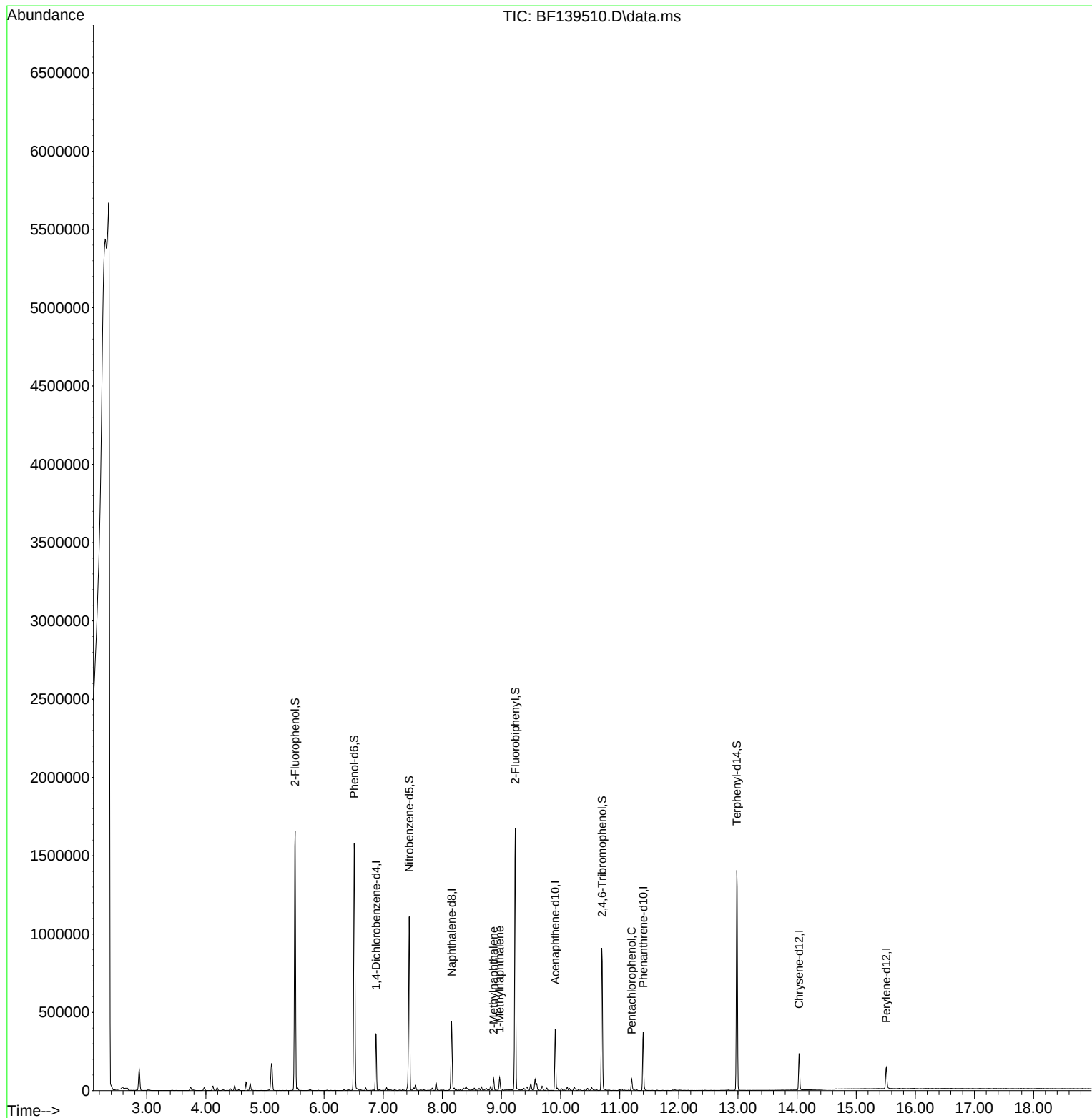
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	73109	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	250421	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	112091	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	192291	20.000	ng	0.00
76) Chrysene-d12	14.033	240	112426	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	88798	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	562603	125.539	ng	0.02
7) Phenol-d6	6.510	99	707784	120.325	ng	0.00
23) Nitrobenzene-d5	7.439	82	465745	87.434	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	137323	115.074	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	706835	88.442	ng	0.00
79) Terphenyl-d14	12.980	244	688725	100.552	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	8.869	142	23250	2.802	ng	97
38) 1-Methylnaphthalene	8.969	142	25143	3.086	ng	99
70) Pentachlorophenol	11.204	266	14091	10.500	ng	96

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

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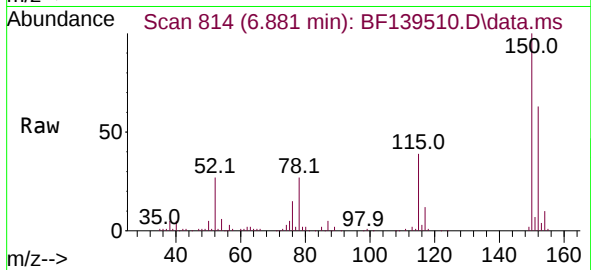
Quant Time: Sep 20 23:22:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
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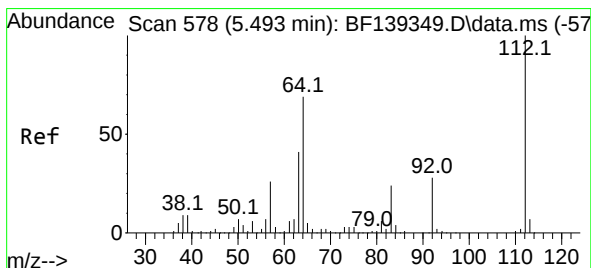
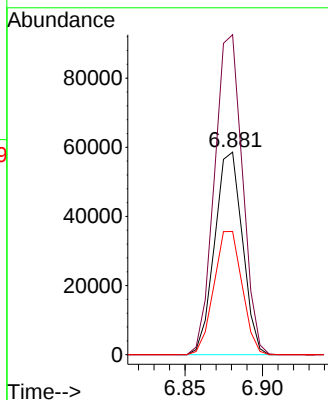
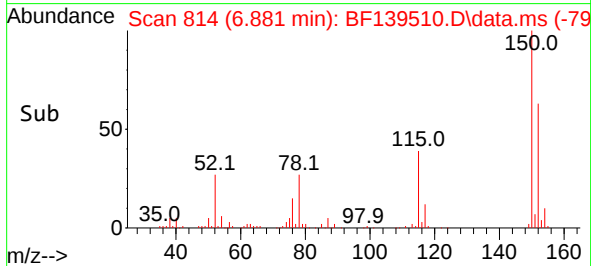


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

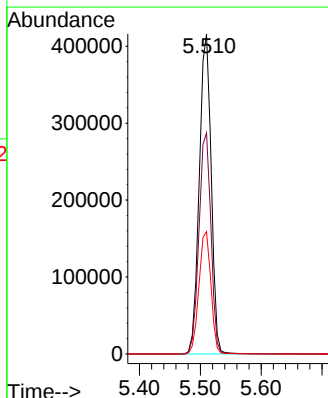
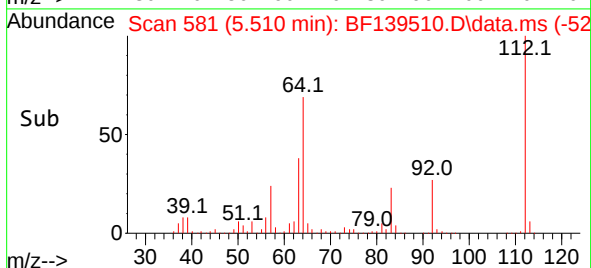
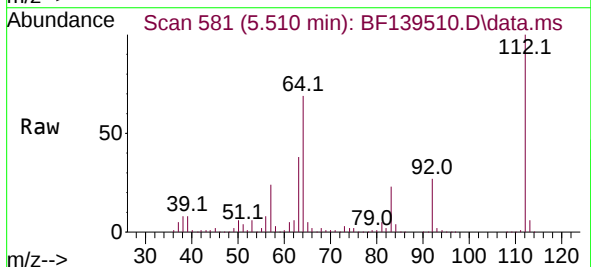


Tgt Ion:152 Resp: 73109
Ion Ratio Lower Upper
152 100
150 158.0 124.1 186.1
115 60.8 48.1 72.1



#5
2-Fluorophenol
Concen: 125.539 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion:112 Resp: 562603
Ion Ratio Lower Upper
112 100
64 69.0 54.8 82.2
63 38.2 33.0 49.4

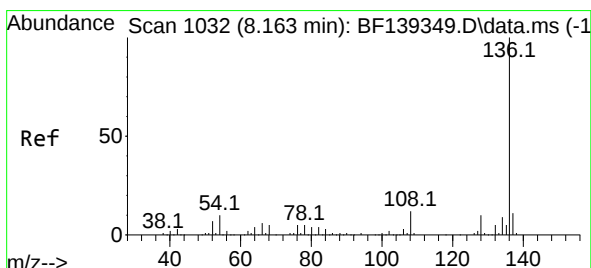
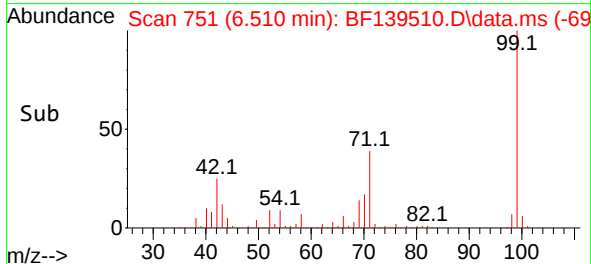
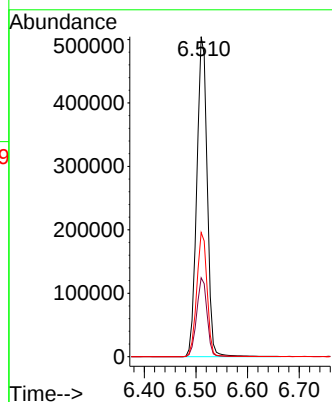
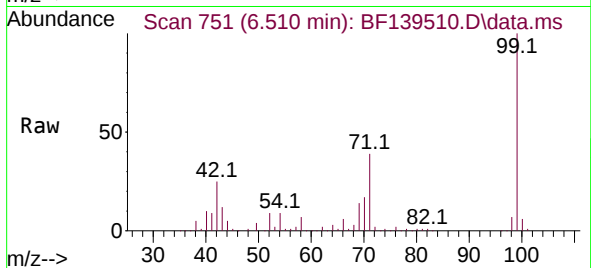




#7
Phenol-d6
Concen: 120.325 ng
RT: 6.510 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

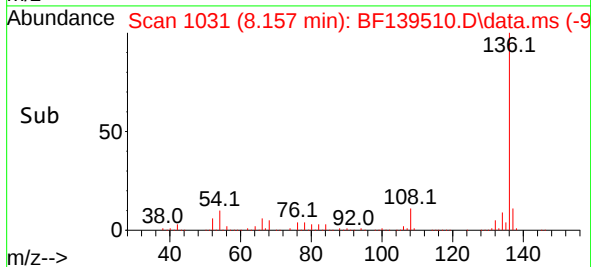
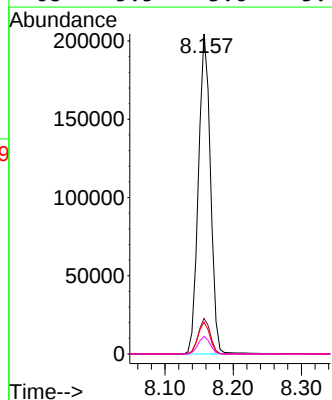
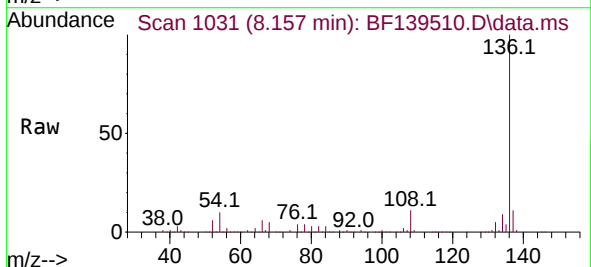
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

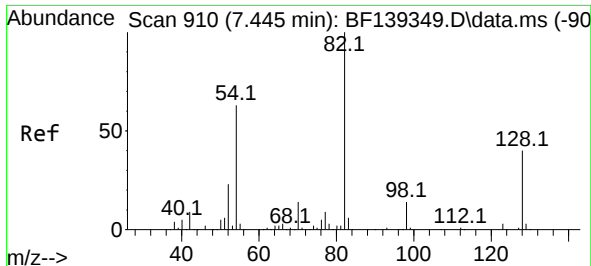
Tgt Ion: 99 Resp: 707784
Ion Ratio Lower Upper
99 100
42 24.7 21.9 32.9
71 38.8 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion: 136 Resp: 250421
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 9.9 7.8 11.8
68 5.5 3.6 5.4#

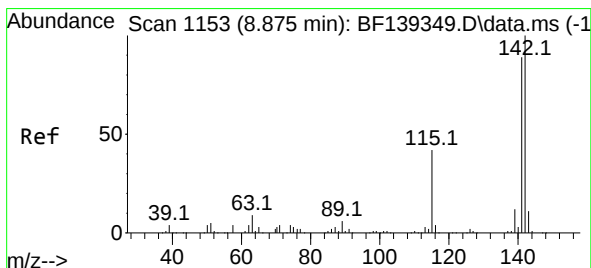
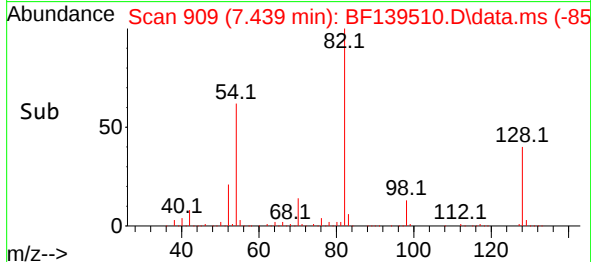
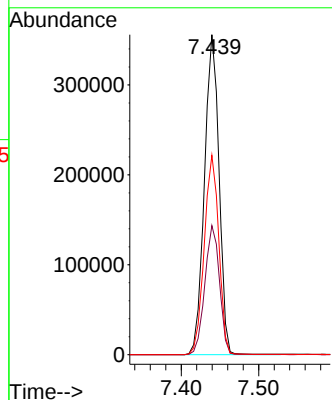
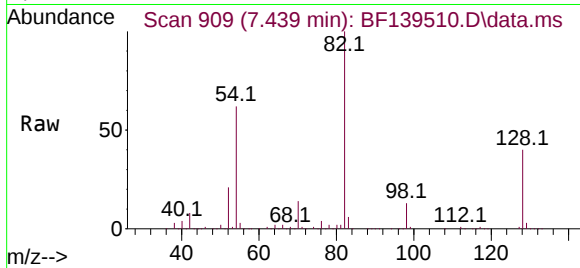




#23
Nitrobenzene-d5
Concen: 87.434 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

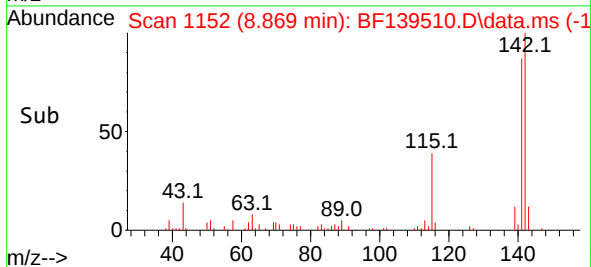
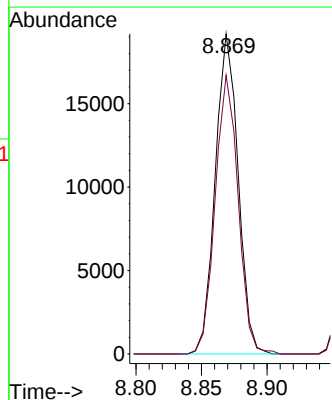
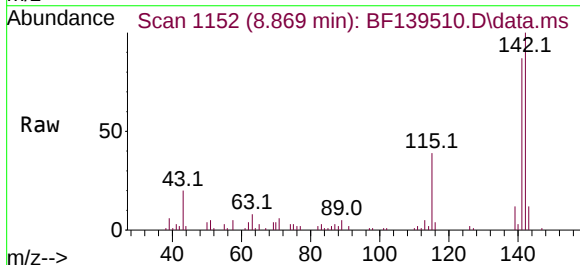
Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

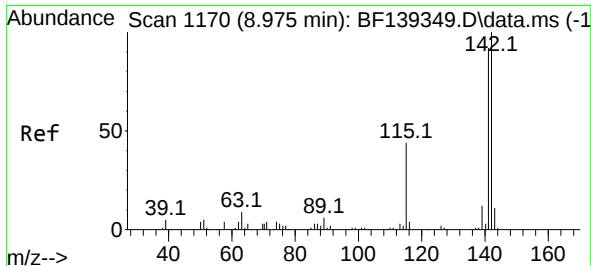
Tgt Ion: 82 Resp: 465745
Ion Ratio Lower Upper
82 100
128 40.4 31.8 47.6
54 62.3 50.6 75.8



#37
2-Methylnaphthalene
Concen: 2.802 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion: 142 Resp: 23250
Ion Ratio Lower Upper
142 100
141 87.1 71.6 107.4





#38

1-Methylnaphthalene

Concen: 3.086 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

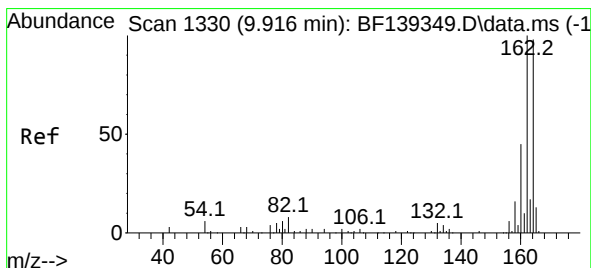
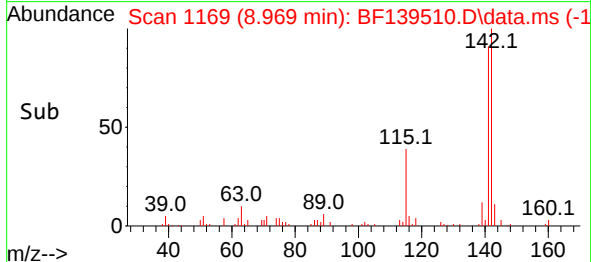
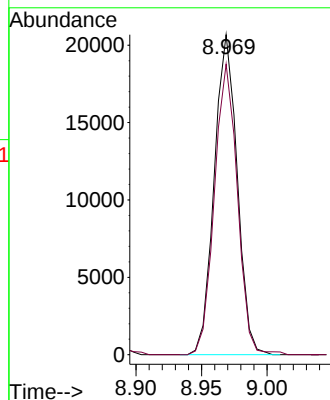
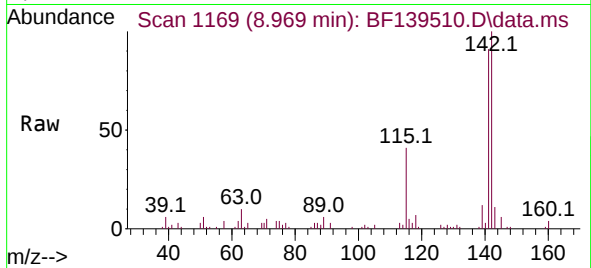
WC-14-7.5-10A

Tgt Ion:142 Resp: 25143

Ion Ratio Lower Upper

142 100

141 90.8 73.2 109.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

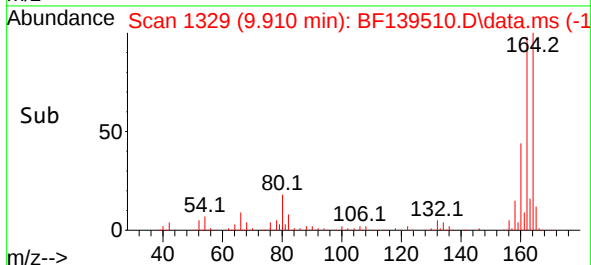
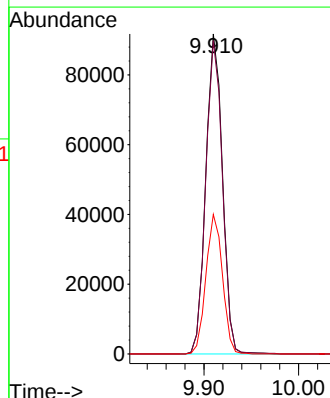
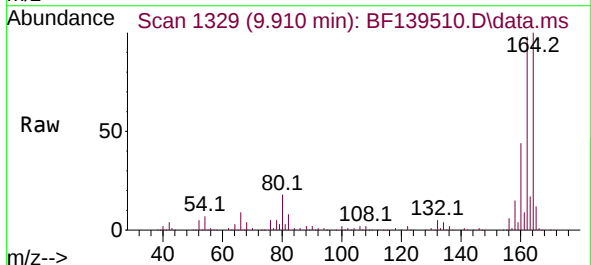
Tgt Ion:164 Resp: 112091

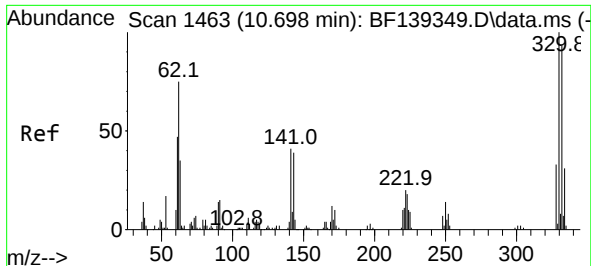
Ion Ratio Lower Upper

164 100

162 97.9 81.3 121.9

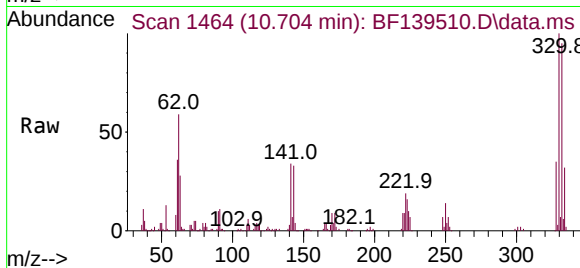
160 43.6 36.4 54.6



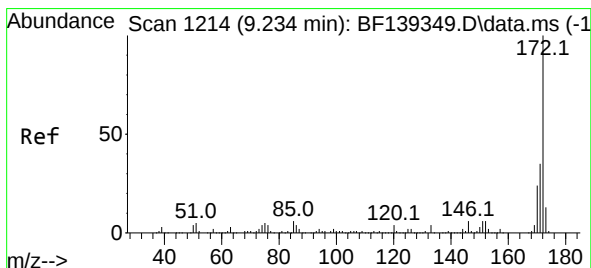
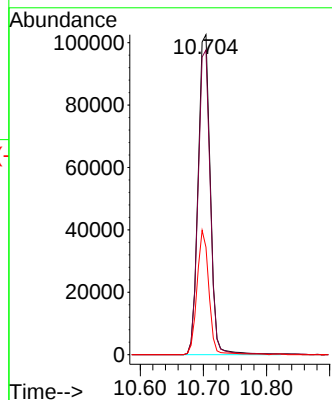
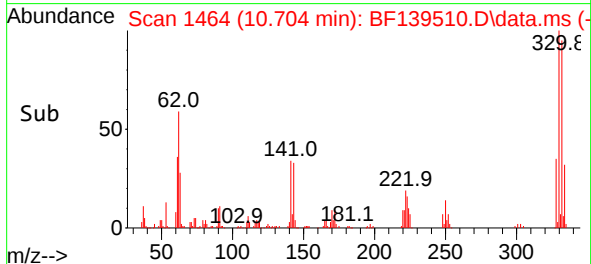


#42
2,4,6-Tribromophenol
Concen: 115.074 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Instrument :
BNA_F
ClientSampleId :
WC-14-7.5-10A

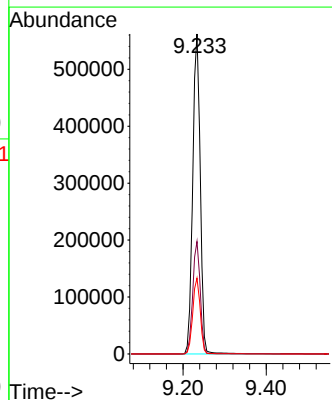
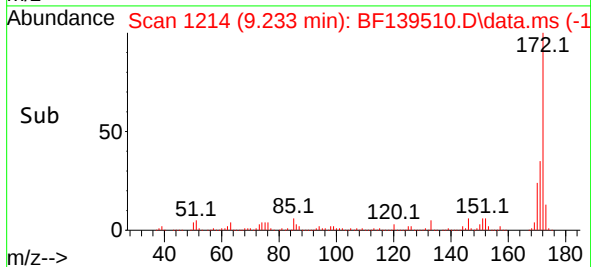
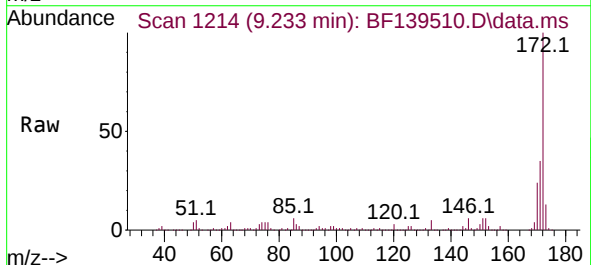


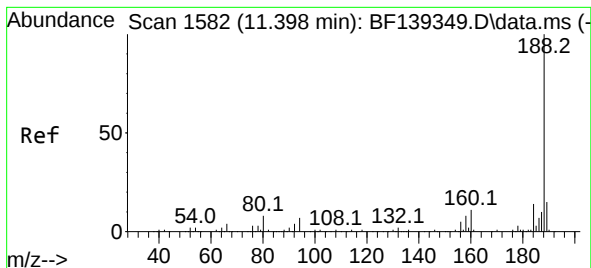
Tgt Ion:330 Resp: 137323
Ion Ratio Lower Upper
330 100
332 95.6 75.2 112.8
141 37.8 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 88.442 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139510.D
Acq: 20 Sep 2024 19:18

Tgt Ion:172 Resp: 706835
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A

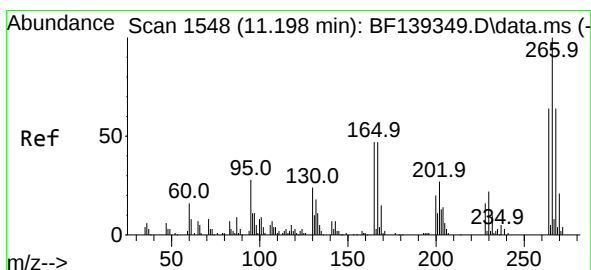
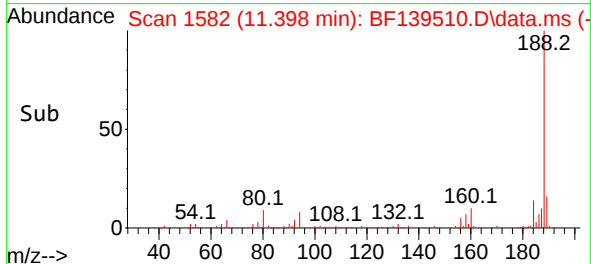
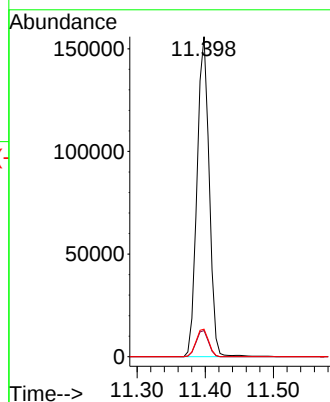
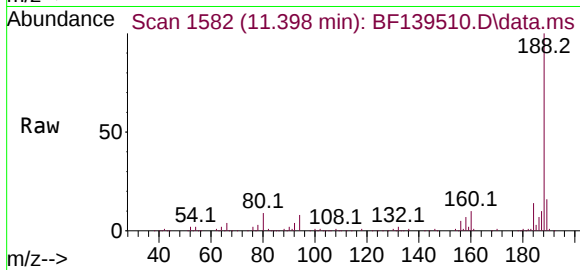
Tgt Ion:188 Resp: 192291

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 8.6 6.6 9.8



#70

Pentachlorophenol

Concen: 10.500 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

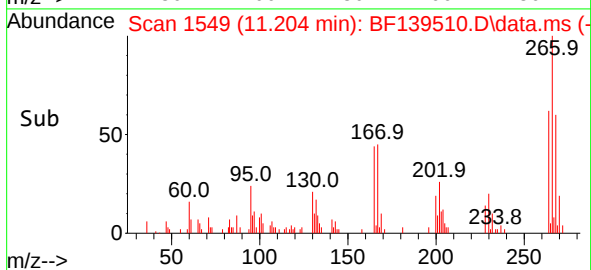
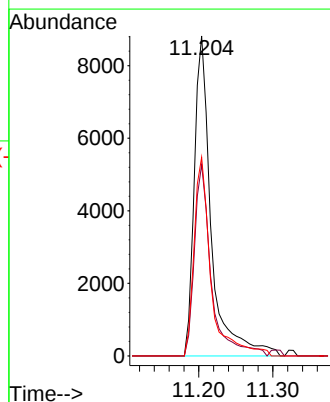
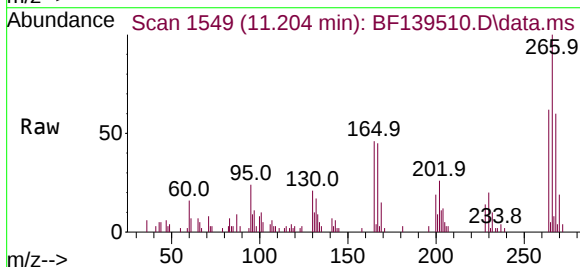
Tgt Ion:266 Resp: 14091

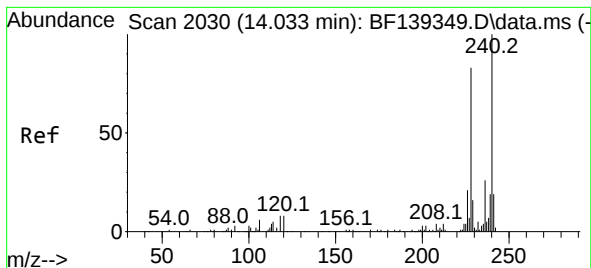
Ion Ratio Lower Upper

266 100

268 59.8 51.1 76.7

264 62.1 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A

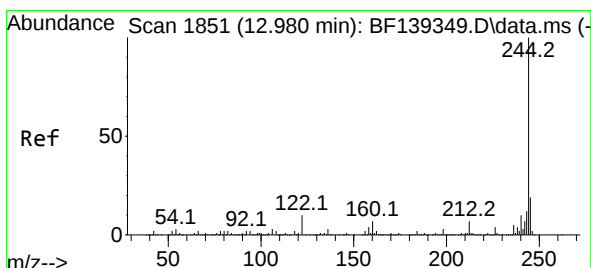
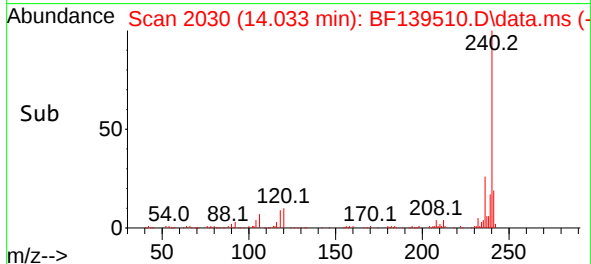
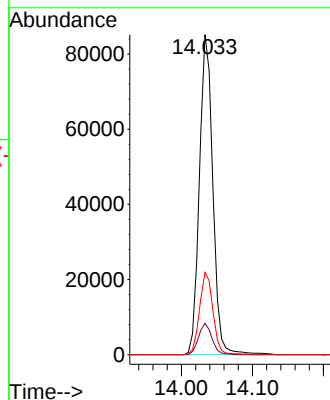
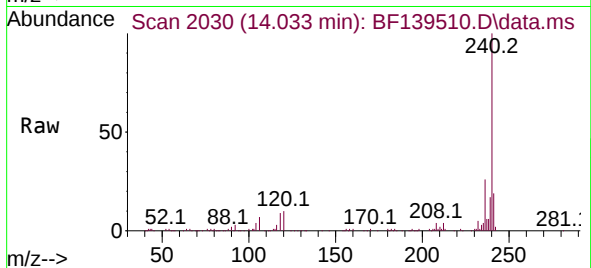
Tgt Ion:240 Resp: 112426

Ion Ratio Lower Upper

240 100

120 9.8 6.2 9.2#

236 25.7 20.9 31.3



#79

Terphenyl-d14

Concen: 100.552 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139510.D

Acq: 20 Sep 2024 19:18

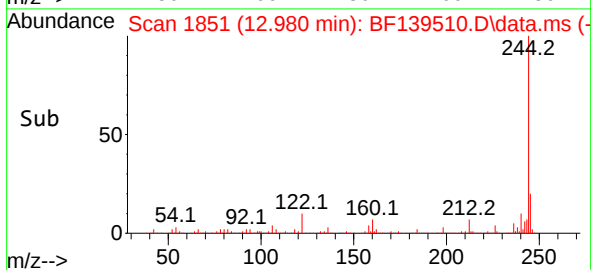
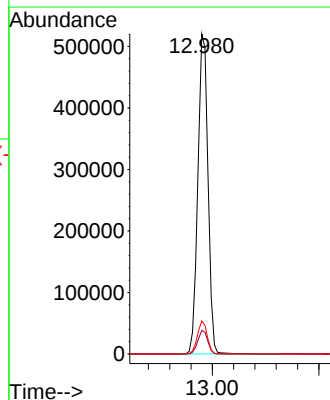
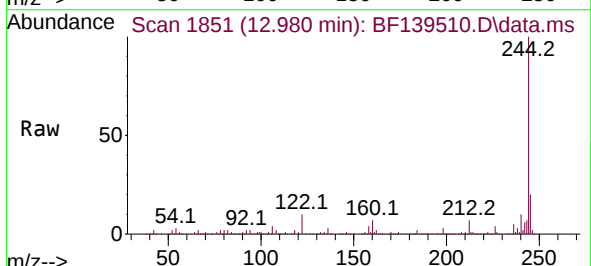
Tgt Ion:244 Resp: 688725

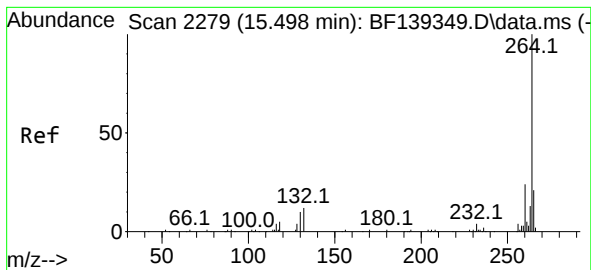
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.3 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139510.D

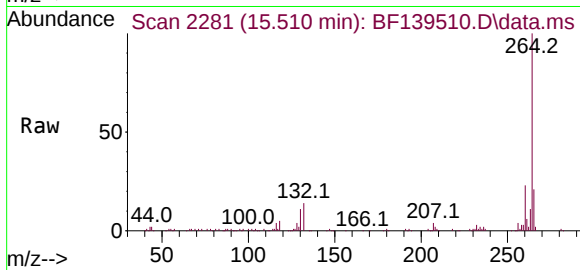
Acq: 20 Sep 2024 19:18

Instrument :

BNA_F

ClientSampleId :

WC-14-7.5-10A



Tgt Ion:264 Resp: 88798

Ion Ratio Lower Upper

264 100

260 22.6 19.5 29.3

265 21.1 16.6 25.0

