

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139564.D
 Acq On : 26 Sep 2024 23:48
 Operator : RC/JU
 Sample : P4198-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1-5-WC-1

Quant Time: Sep 27 01:11:32 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	6.875	152	69142	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	254099	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	136720	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	253077	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	148456	20.000	ng	# 0.00
86) Perylene-d12	15.509	264	153585	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	348559	82.240	ng	0.00
7) Phenol-d6	6.504	99	486242	87.405	ng	0.00
23) Nitrobenzene-d5	7.434	82	287089	53.115	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	109965	75.549	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	523522	53.705	ng	0.00
79) Terphenyl-d14	12.980	244	550137	60.825	ng	0.00

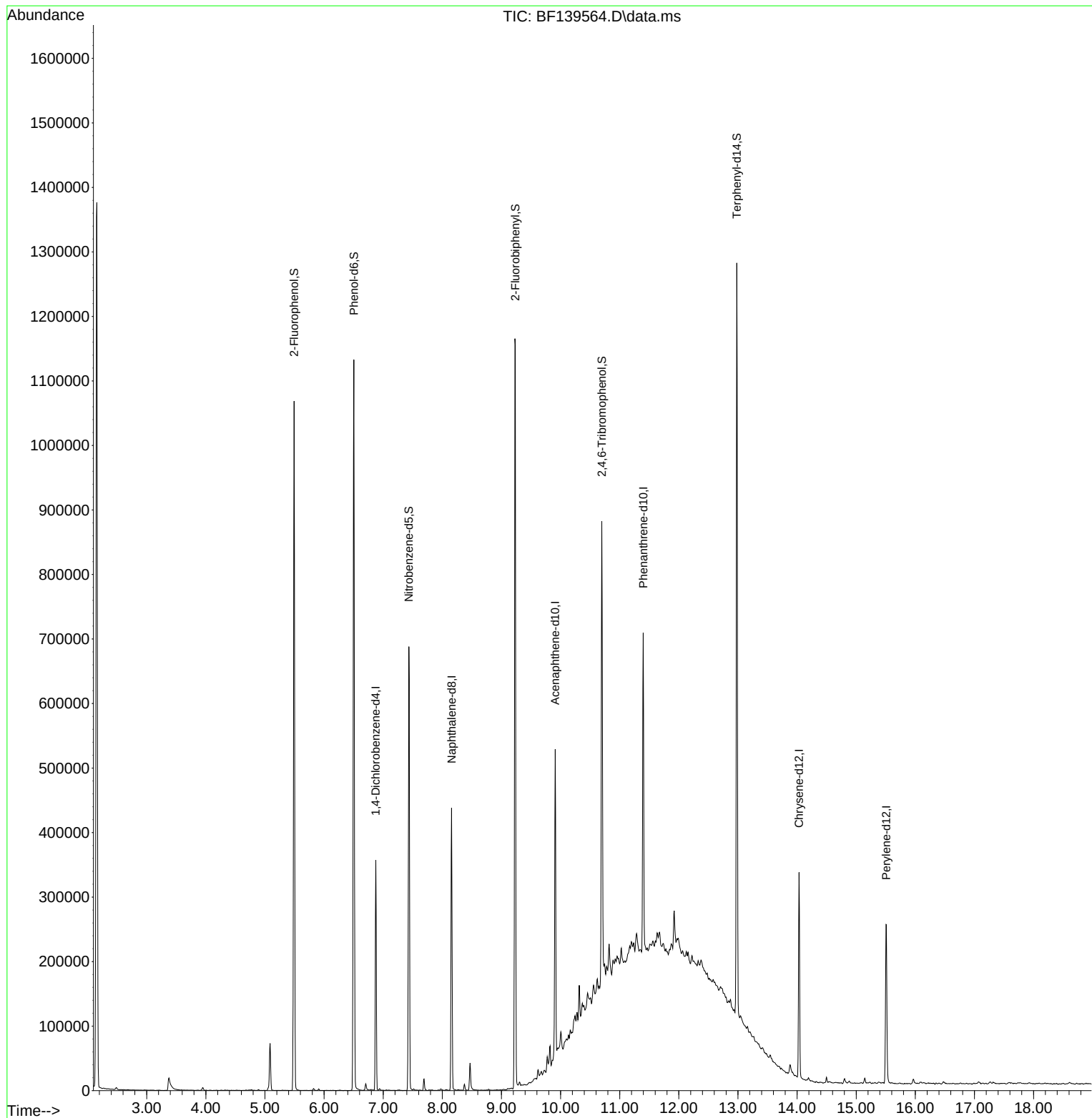
Target Compounds	Qvalue

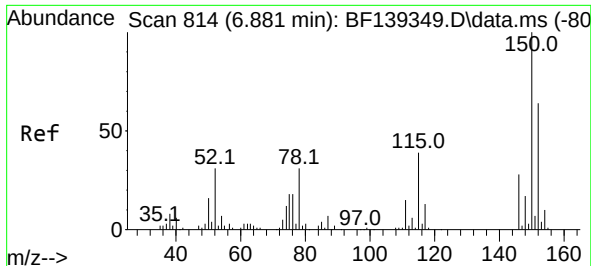
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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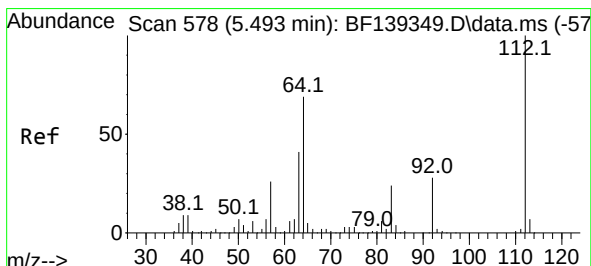
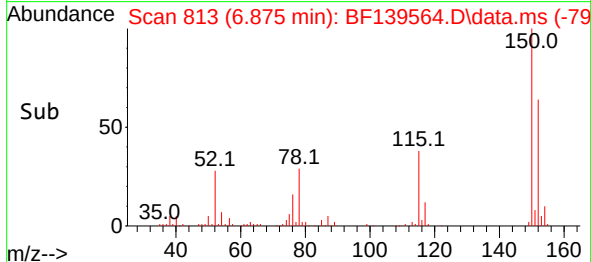
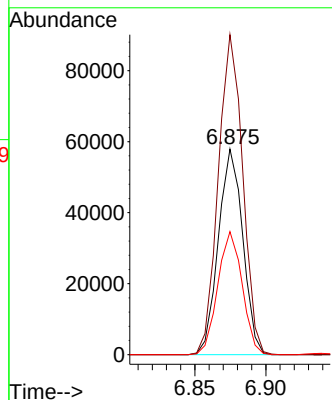
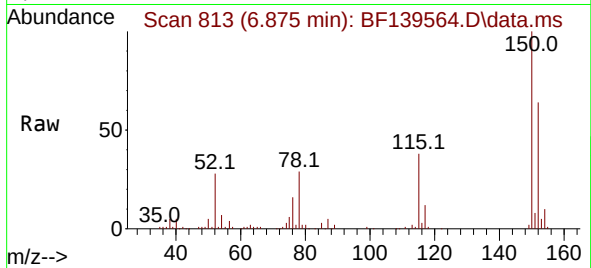




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

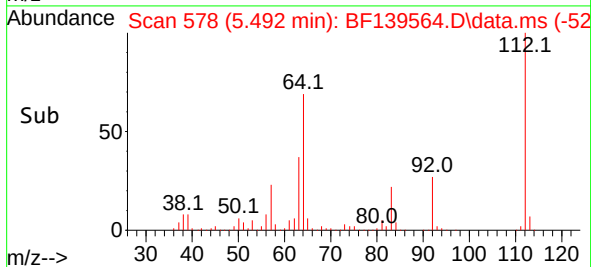
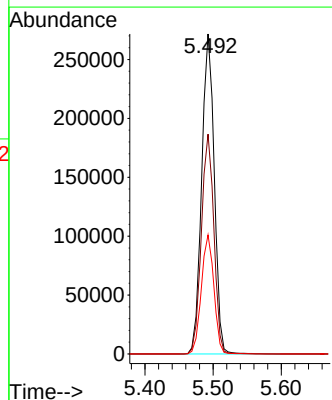
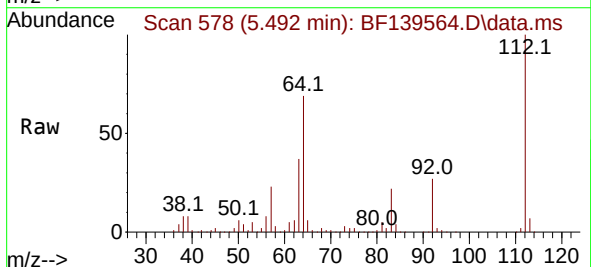
Instrument :
BNA_F
ClientSampleId :
TP1-5-WC-1

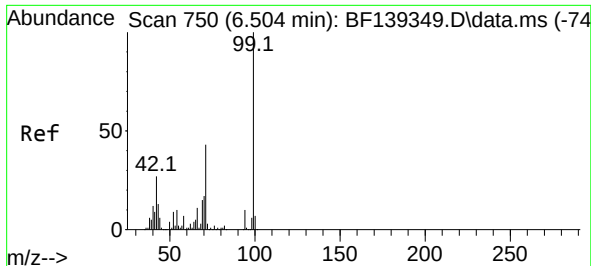
Tgt Ion:152 Resp: 69142
Ion Ratio Lower Upper
152 100
150 155.7 124.1 186.1
115 59.9 48.1 72.1



#5
2-Fluorophenol
Concen: 82.240 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion:112 Resp: 348559
Ion Ratio Lower Upper
112 100
64 68.7 54.8 82.2
63 37.2 33.0 49.4





#7
Phenol-d6
Concen: 87.405 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

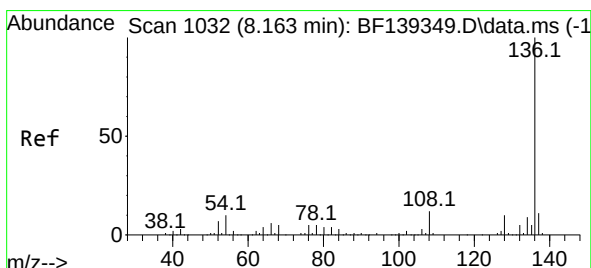
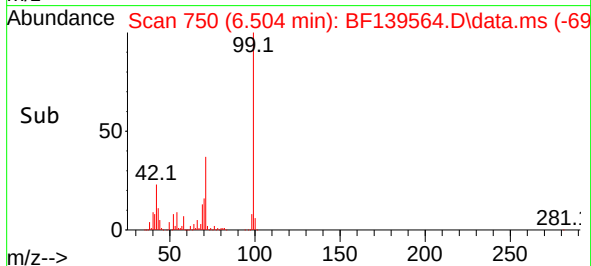
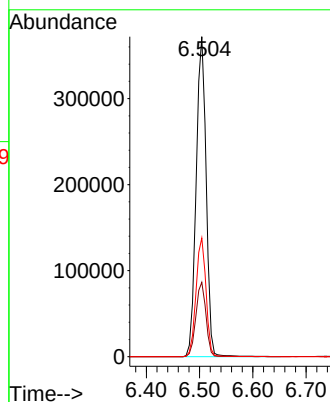
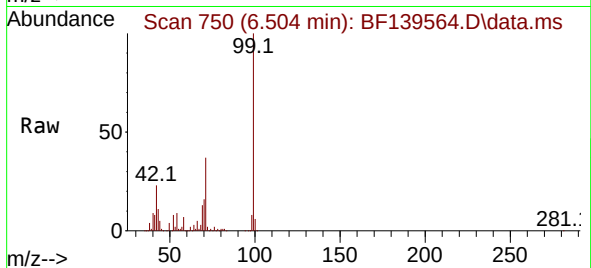
Instrument :

BNA_F

ClientSampleId :

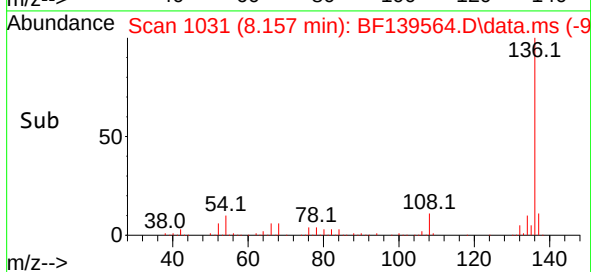
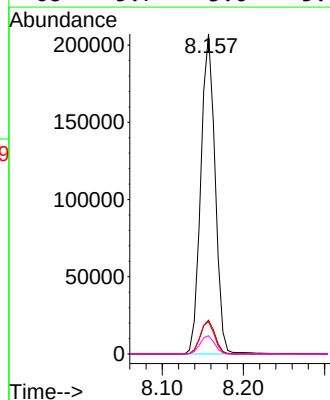
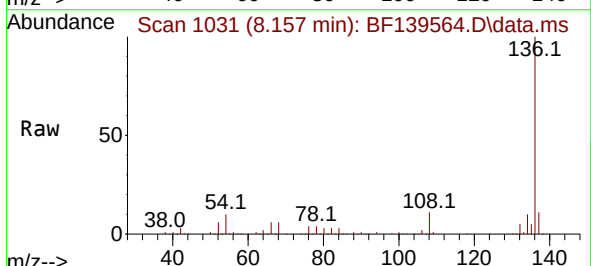
TP1-5-WC-1

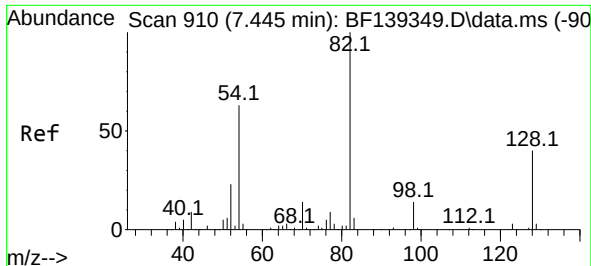
Tgt Ion: 99 Resp: 486242
Ion Ratio Lower Upper
99 100
42 23.3 21.9 32.9
71 37.1 34.6 52.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion: 136 Resp: 254099
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 10.1 7.8 11.8
68 5.7 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 53.115 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139564.D

Acq: 26 Sep 2024 23:48

Instrument :

BNA_F

ClientSampleId :

TP1-5-WC-1

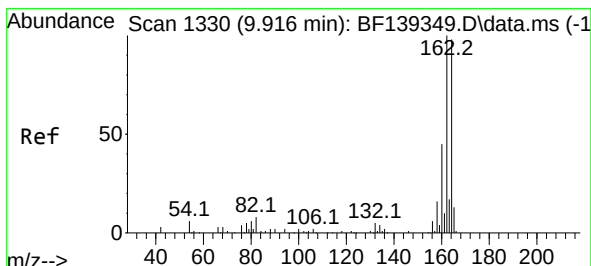
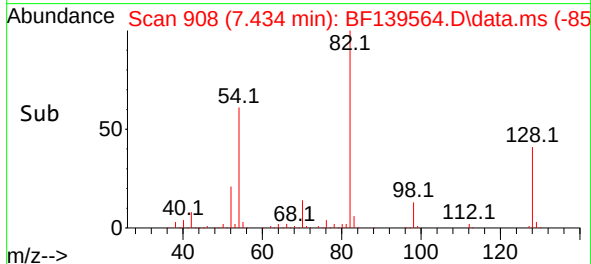
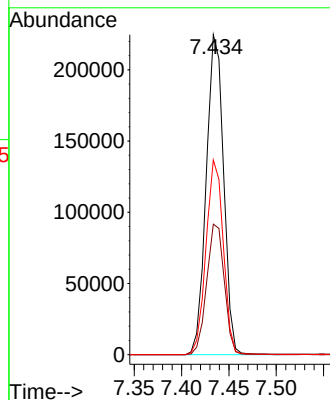
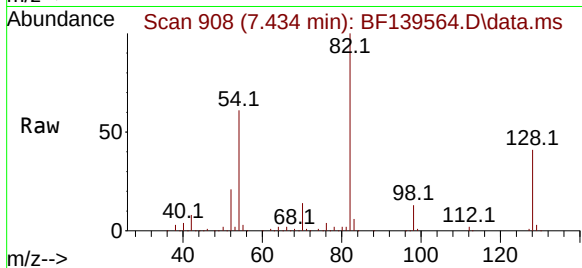
Tgt Ion: 82 Resp: 287089

Ion Ratio Lower Upper

82 100

128 40.8 31.8 47.6

54 60.8 50.6 75.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF139564.D

Acq: 26 Sep 2024 23:48

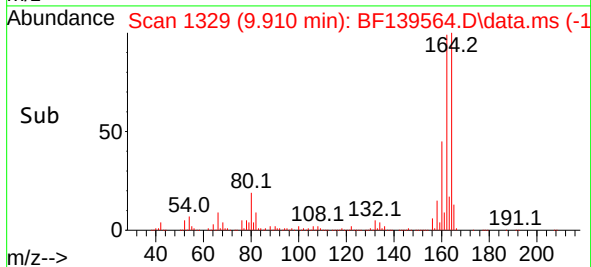
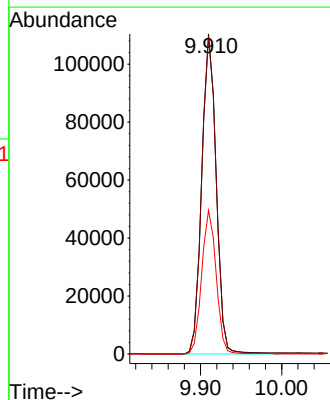
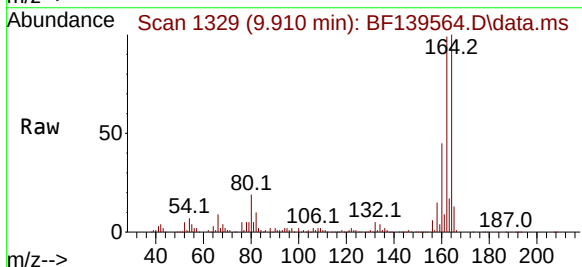
Tgt Ion:164 Resp: 136720

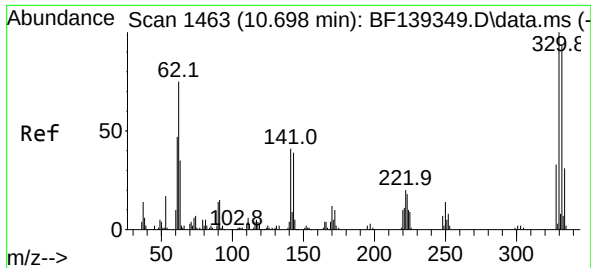
Ion Ratio Lower Upper

164 100

162 99.3 81.3 121.9

160 44.9 36.4 54.6

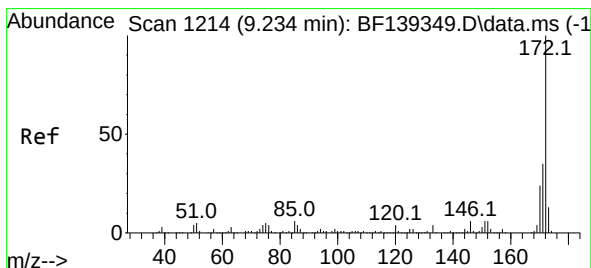
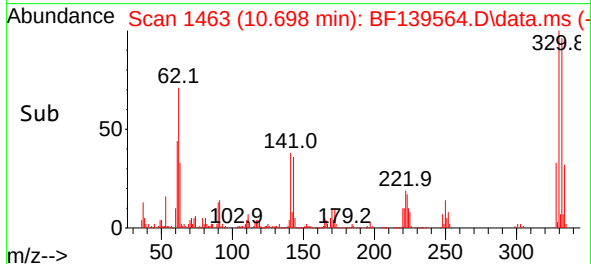
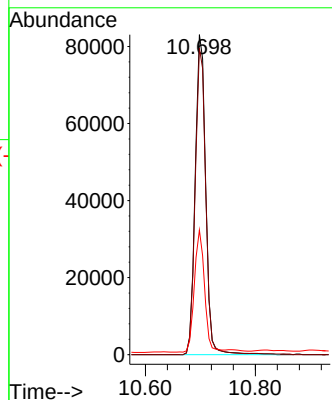
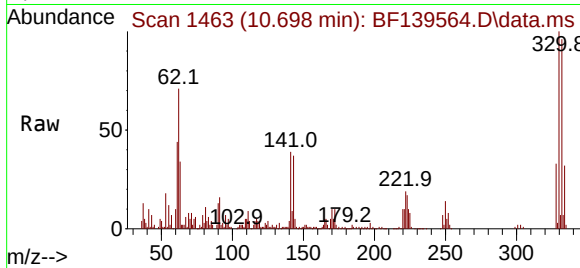




#42
2,4,6-Tribromophenol
Concen: 75.549 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

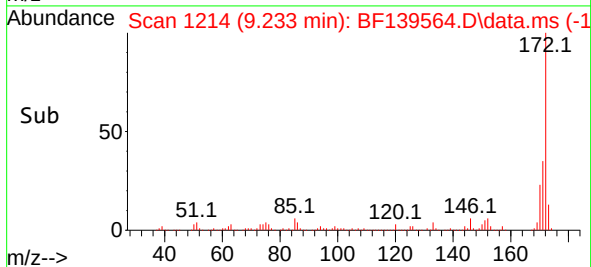
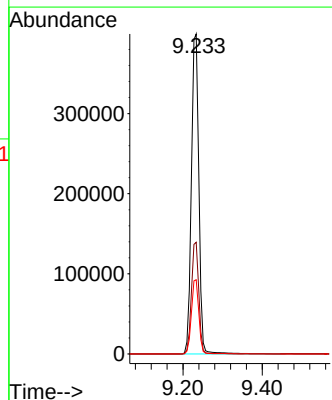
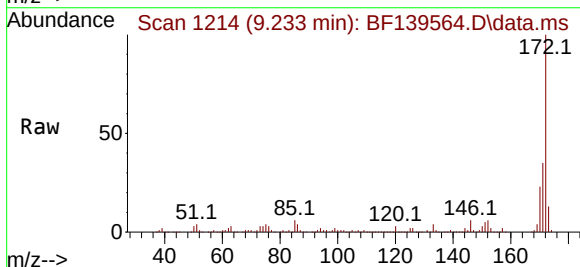
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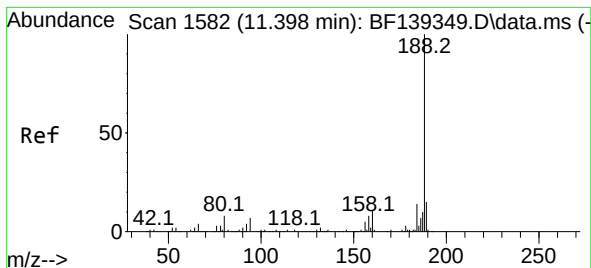
Tgt Ion:330 Resp: 109965
Ion Ratio Lower Upper
330 100
332 95.9 75.2 112.8
141 36.9 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 53.705 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139564.D
Acq: 26 Sep 2024 23:48

Tgt Ion:172 Resp: 523522
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.2 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: BF139564.D

Acq: 26 Sep 2024 23:48

Instrument :

BNA_F

ClientSampleId :

TP1-5-WC-1

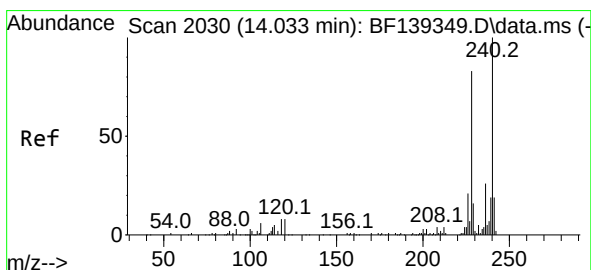
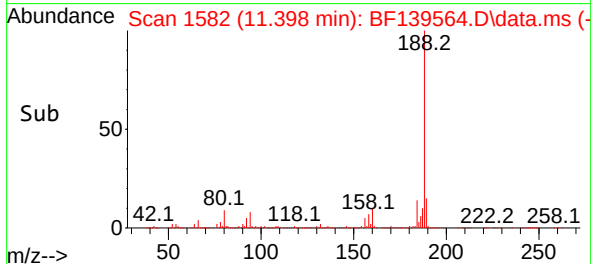
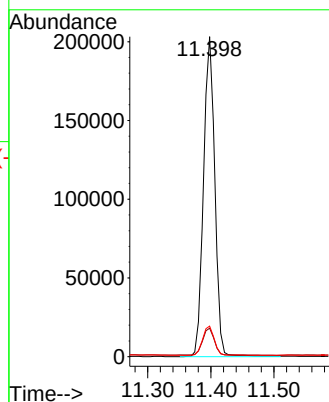
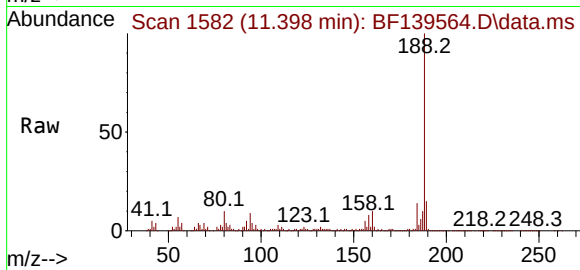
Tgt Ion:188 Resp: 253077

Ion Ratio Lower Upper

188 100

94 8.9 5.5 8.3#

80 9.5 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139564.D

Acq: 26 Sep 2024 23:48

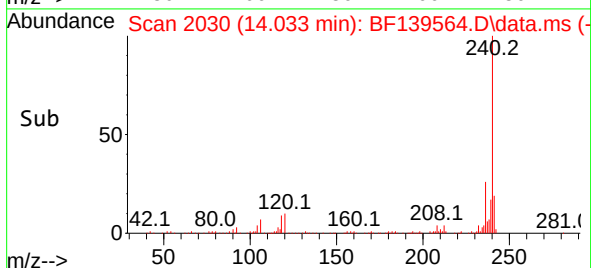
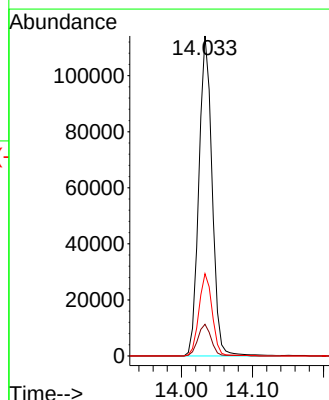
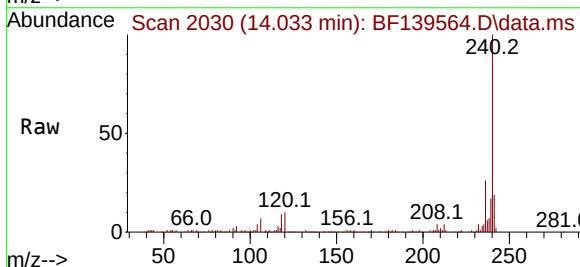
Tgt Ion:240 Resp: 148456

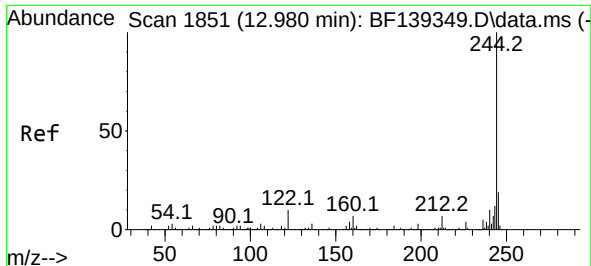
Ion Ratio Lower Upper

240 100

120 9.9 6.2 9.2#

236 25.7 20.9 31.3

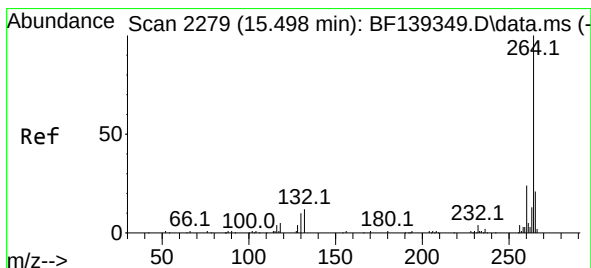
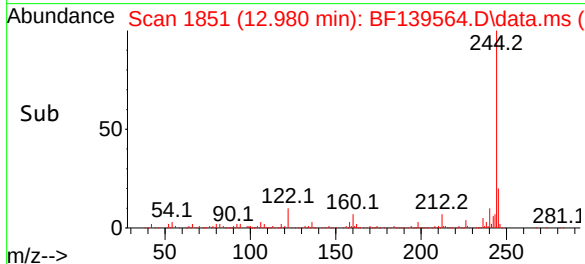
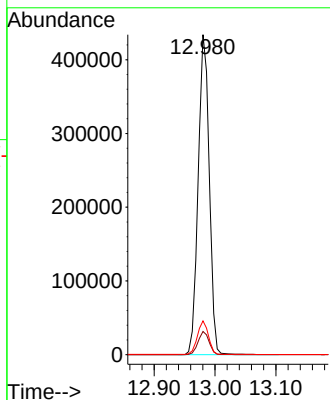
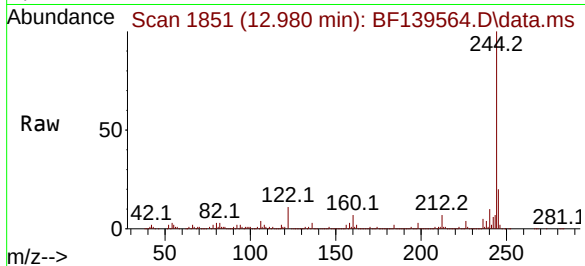




#79
 Terphenyl-d14
 Concen: 60.825 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139564.D
 Acq: 26 Sep 2024 23:48

Instrument :
 BNA_F
 ClientSampleId :
 TP1-5-WC-1

Tgt Ion:244 Resp: 550137
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.6 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2281
 Delta R.T. 0.012 min
 Lab File: BF139564.D
 Acq: 26 Sep 2024 23:48

Tgt Ion:264 Resp: 153585
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.8 16.6 25.0

