

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139562.D
 Acq On : 26 Sep 2024 22:50
 Operator : RC/JU
 Sample : P4198-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-WC-1

Quant Time: Sep 27 01:10:49 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)

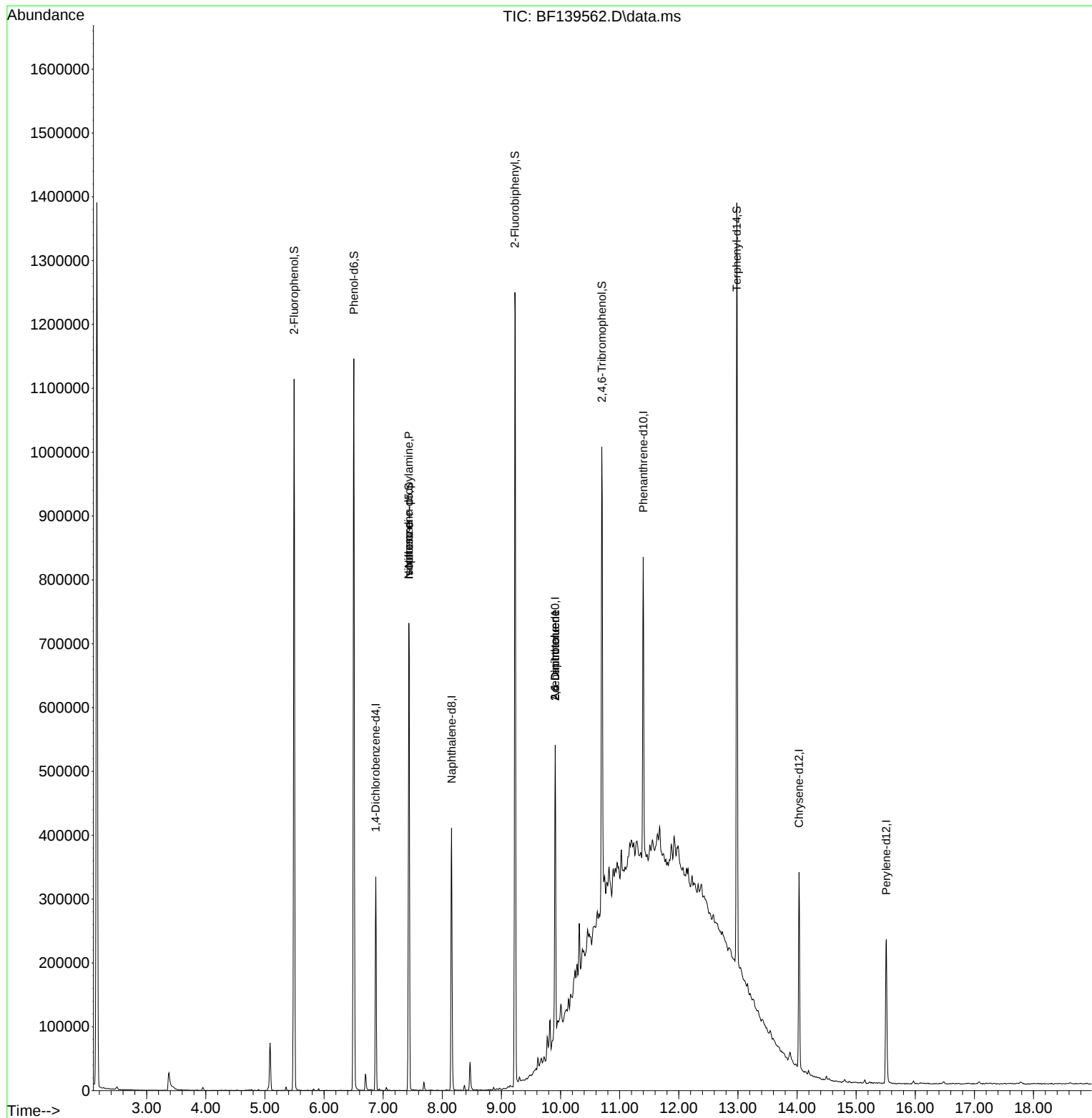
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	65854	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	240639	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	130658	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	237670	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	142564	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	141536	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	364648	90.331	ng	0.00
7) Phenol-d6	6.504	99	489994	92.477	ng	0.00
23) Nitrobenzene-d5	7.434	82	309627	60.489	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	111873	80.426	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	554462	59.517	ng	0.00
79) Terphenyl-d14	12.980	244	568139	65.412	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	41845	13.327	ng	# 75
25) Isophorone	7.434	82	308539	38.113	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17759	9.348	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17845	6.958	ng	# 17

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

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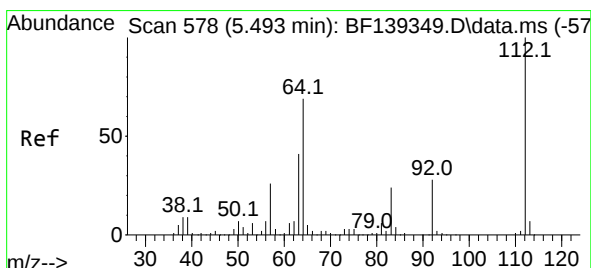
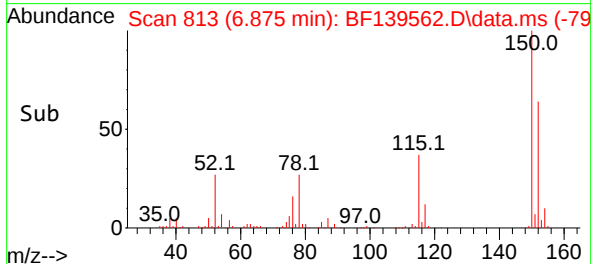
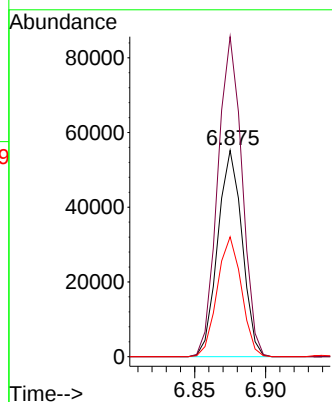
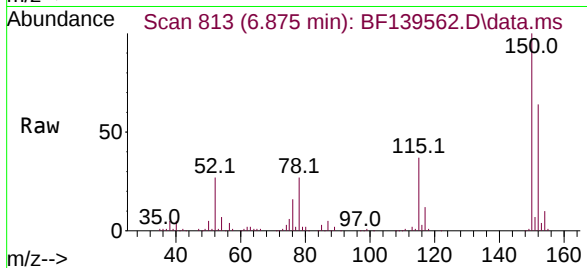




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

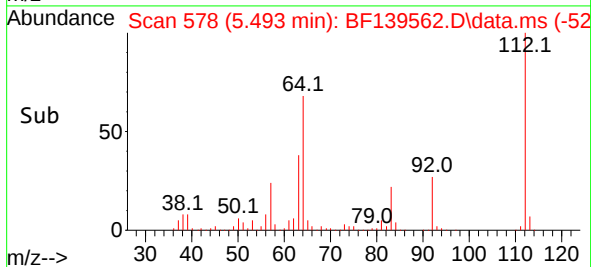
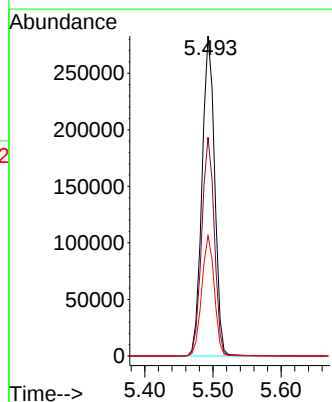
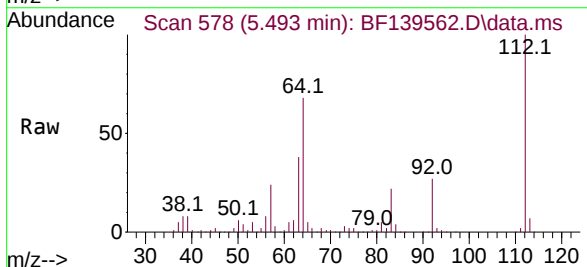
Instrument :
BNA_F
ClientSampleId :
TP2-WC-1

Tgt Ion:152 Resp: 65854
Ion Ratio Lower Upper
152 100
150 155.1 124.1 186.1
115 58.1 48.1 72.1



#5
2-Fluorophenol
Concen: 90.331 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

Tgt Ion:112 Resp: 364648
Ion Ratio Lower Upper
112 100
64 68.4 54.8 82.2
63 37.5 33.0 49.4

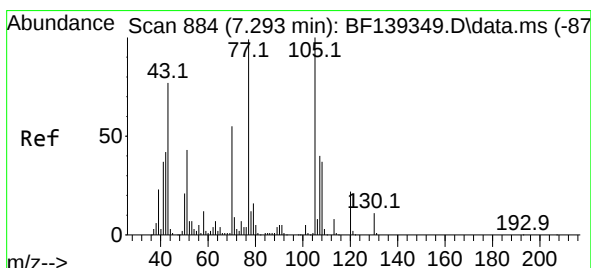
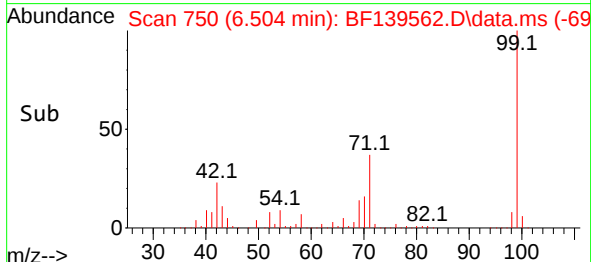
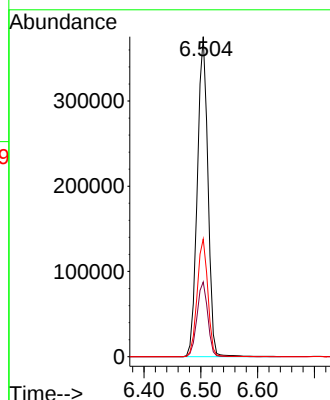
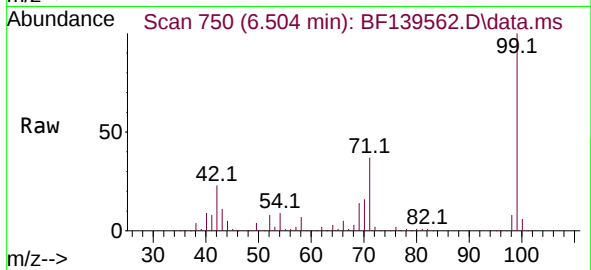




#7
Phenol-d6
Concen: 92.477 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

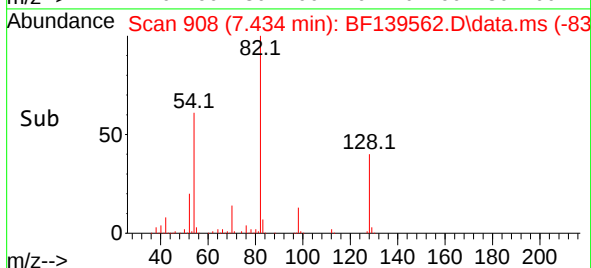
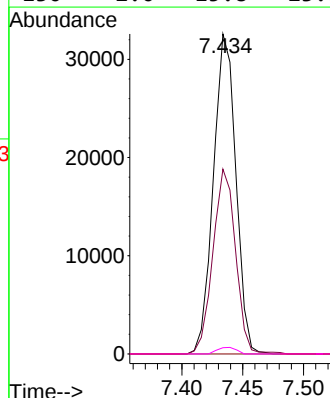
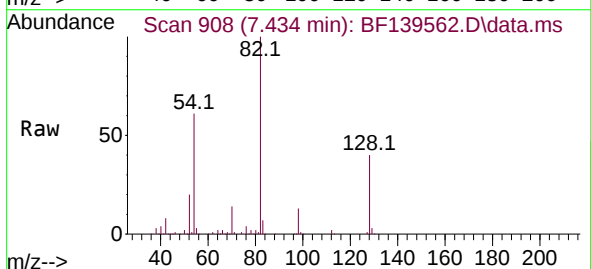
Instrument :
BNA_F
ClientSampleId :
TP2-WC-1

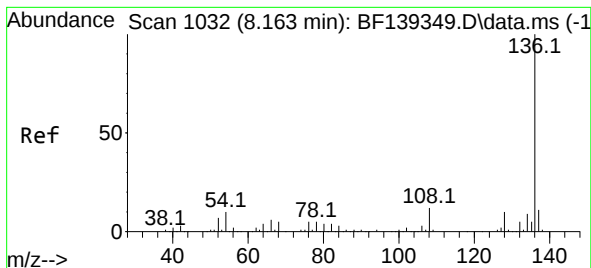
Tgt Ion: 99 Resp: 489994
Ion Ratio Lower Upper
99 100
42 23.4 21.9 32.9
71 36.8 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.327 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

Tgt Ion: 70 Resp: 41845
Ion Ratio Lower Upper
70 100
42 57.8 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Instrument :

BNA_F

ClientSampleId :

TP2-WC-1

Tgt Ion:136 Resp: 240639

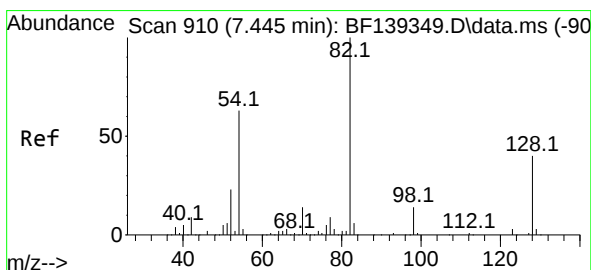
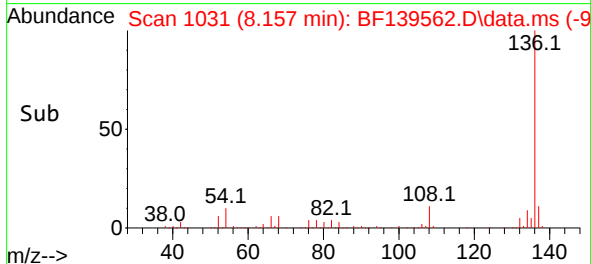
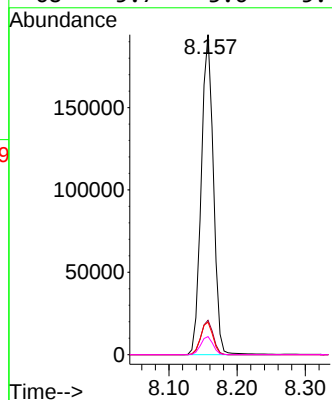
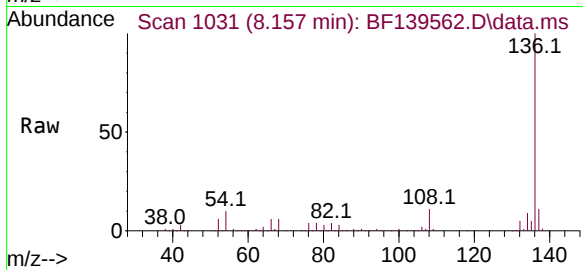
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 10.2 7.8 11.8

68 5.7 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 60.489 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

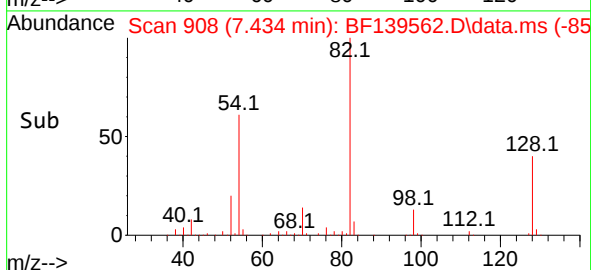
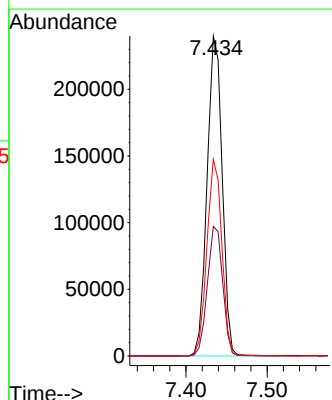
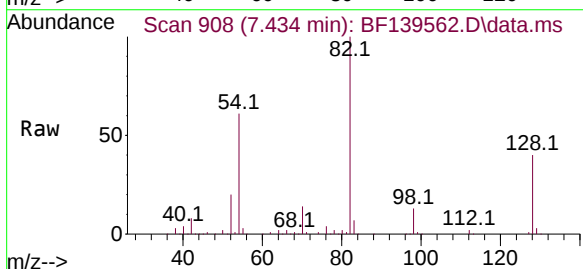
Tgt Ion: 82 Resp: 309627

Ion Ratio Lower Upper

82 100

128 40.5 31.8 47.6

54 61.4 50.6 75.8

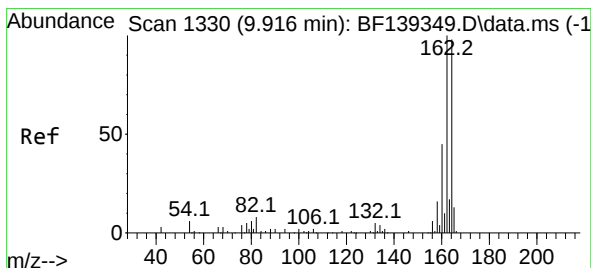
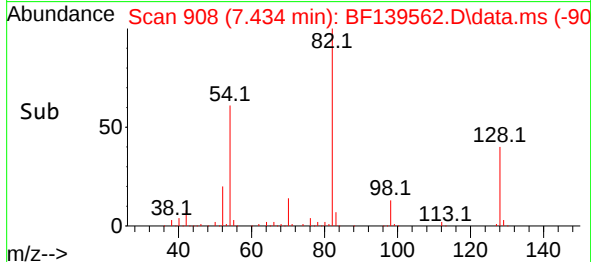
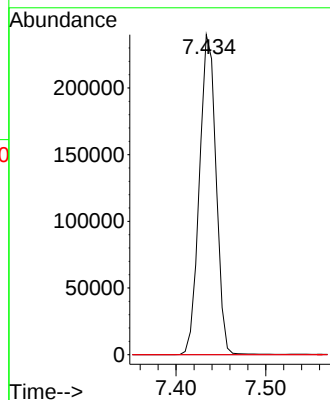
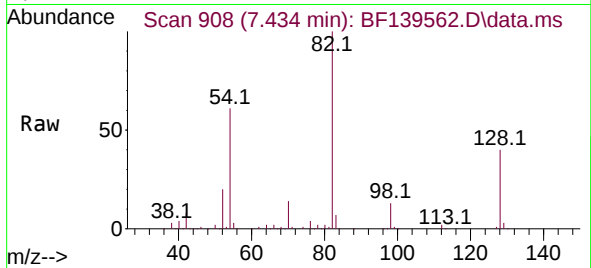




#25
Isophorone
Concen: 38.113 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

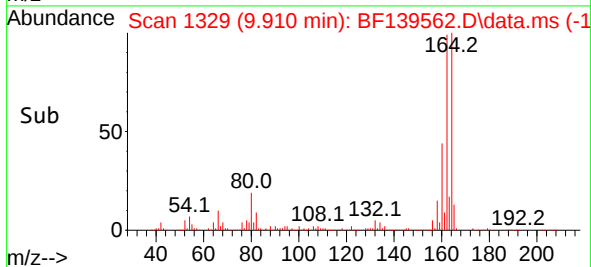
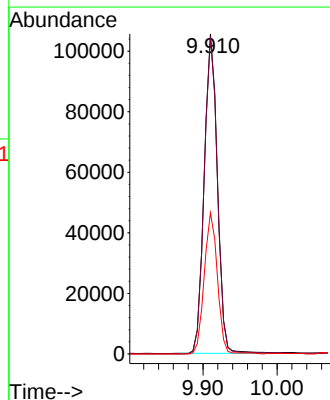
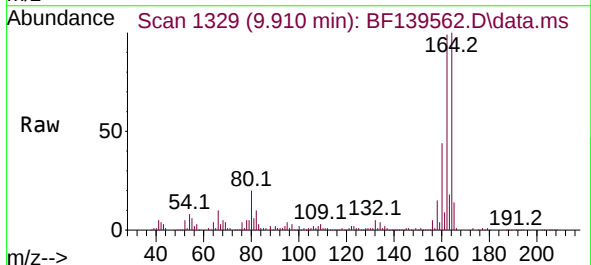
Instrument :
BNA_F
ClientSampleId :
TP2-WC-1

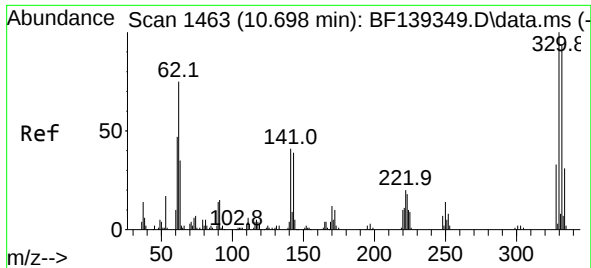
Tgt Ion: 82 Resp: 308539
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

Tgt Ion: 164 Resp: 130658
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 44.1 36.4 54.6

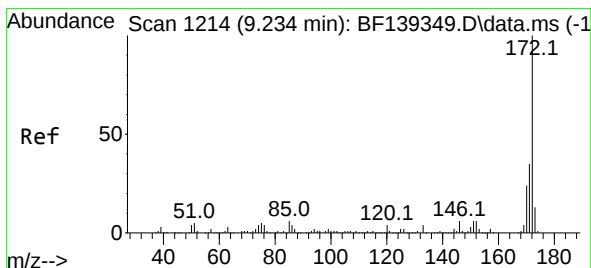
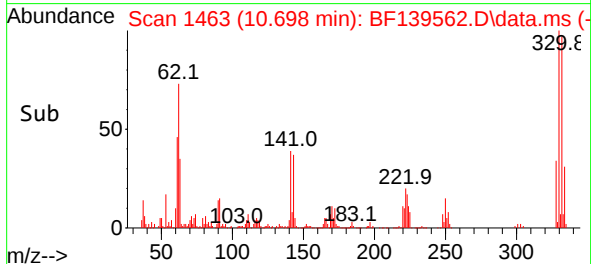
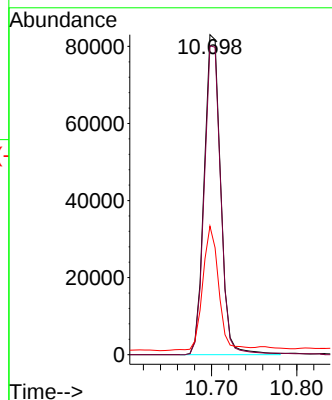
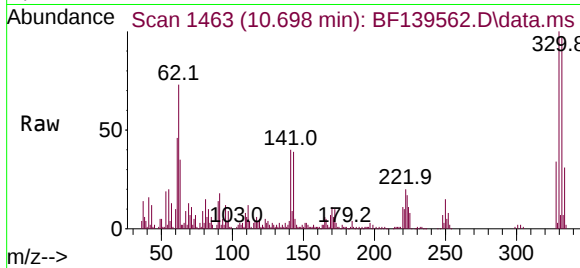




#42
2,4,6-Tribromophenol
Concen: 80.426 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

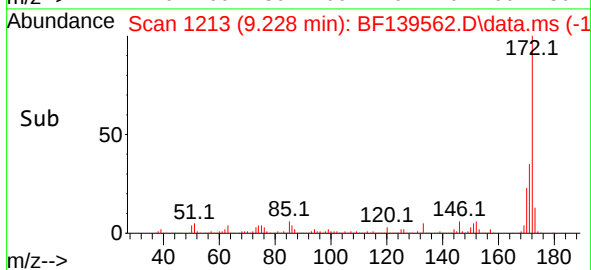
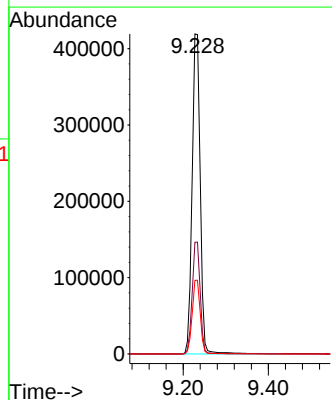
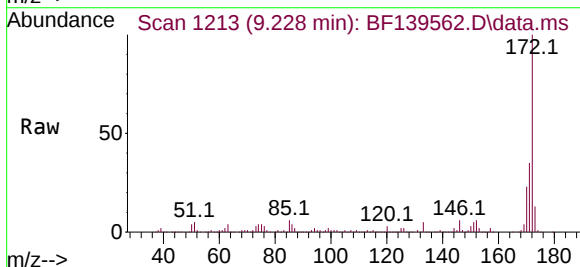
Instrument :
BNA_F
ClientSampleId :
TP2-WC-1

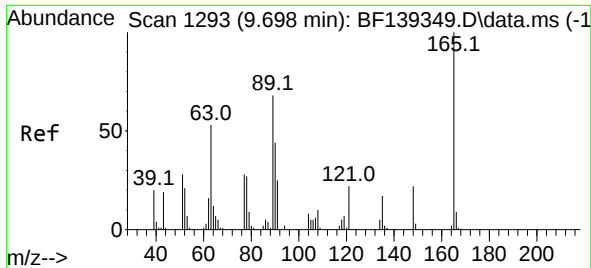
Tgt Ion:330 Resp: 111873
Ion Ratio Lower Upper
330 100
332 96.9 75.2 112.8
141 37.7 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 59.517 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

Tgt Ion:172 Resp: 554462
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 19.0 28.6

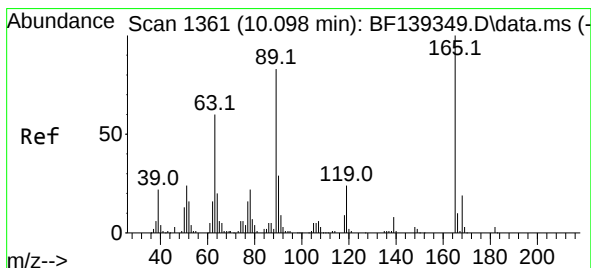
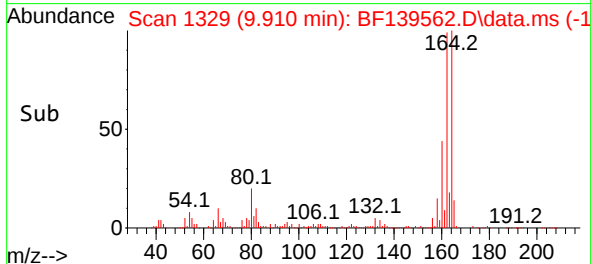
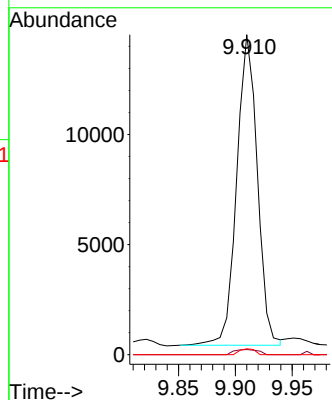
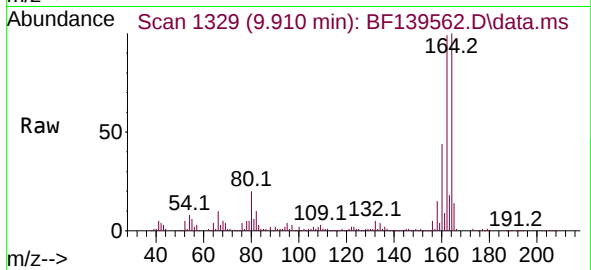




#51
2,6-Dinitrotoluene
Concen: 9.348 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

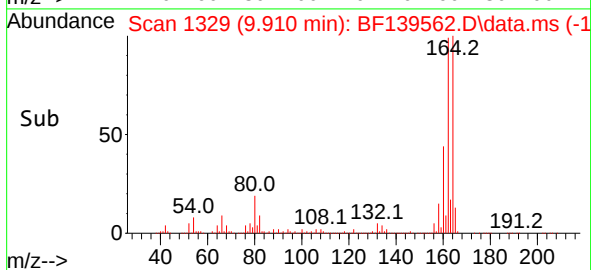
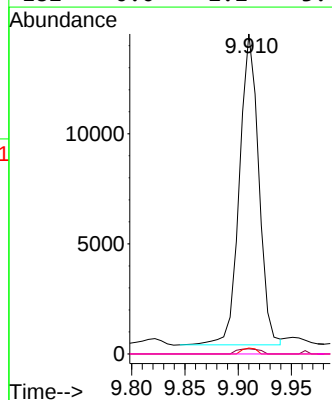
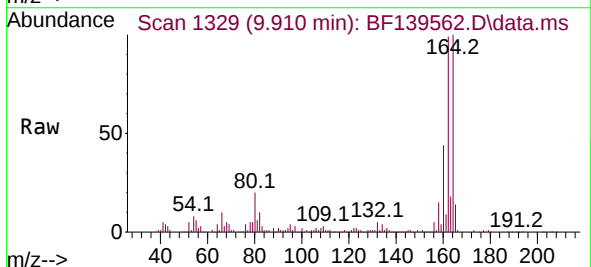
Instrument :
BNA_F
ClientSampleId :
TP2-WC-1

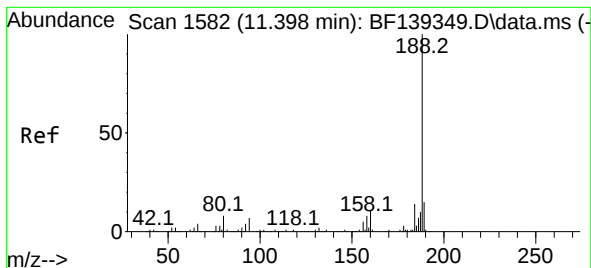
Tgt Ion:165 Resp: 17759
Ion Ratio Lower Upper
165 100
63 1.6 60.9 91.3#
89 1.8 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.958 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139562.D
Acq: 26 Sep 2024 22:50

Tgt Ion:165 Resp: 17845
Ion Ratio Lower Upper
165 100
63 1.6 47.8 71.6#
89 1.8 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Instrument :

BNA_F

ClientSampleId :

TP2-WC-1

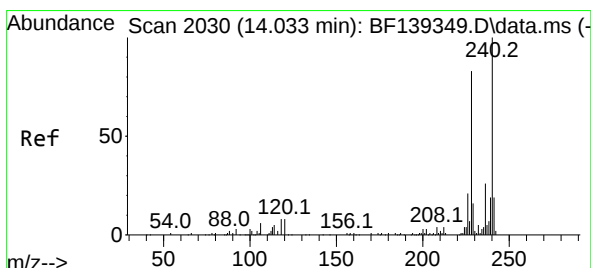
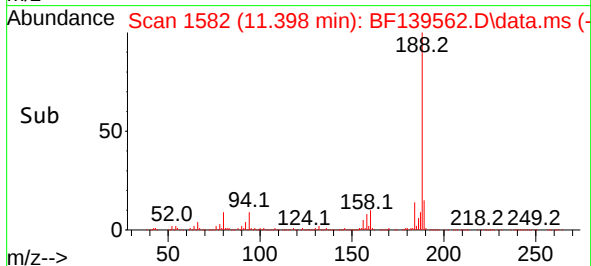
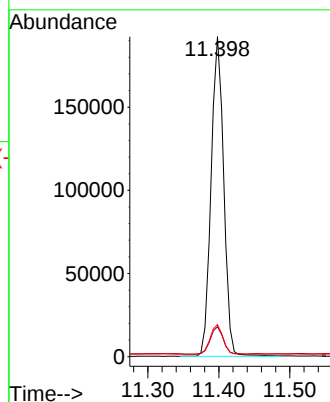
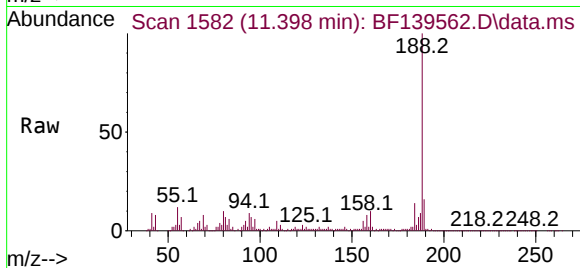
Tgt Ion:188 Resp: 237670

Ion Ratio Lower Upper

188 100

94 9.4 5.5 8.3#

80 10.0 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: BF139562.D

Acq: 26 Sep 2024 22:50

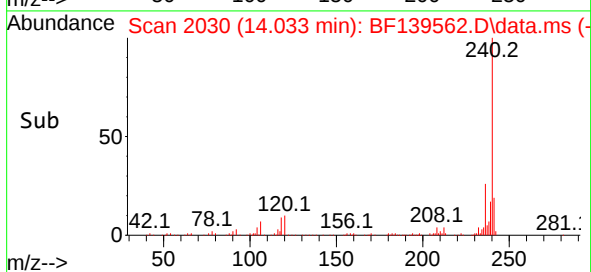
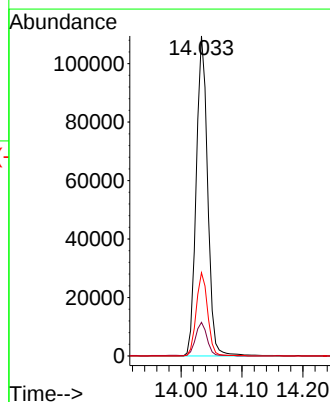
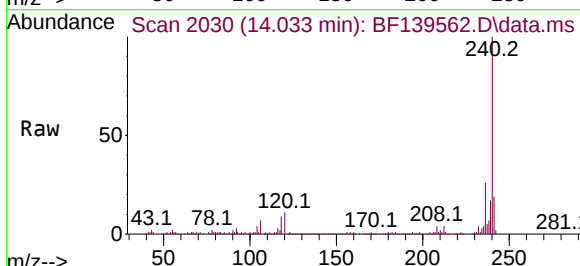
Tgt Ion:240 Resp: 142564

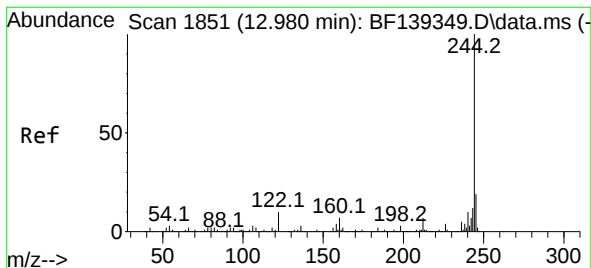
Ion Ratio Lower Upper

240 100

120 10.5 6.2 9.2#

236 26.0 20.9 31.3





#79

Terphenyl-d14

Concen: 65.412 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Instrument :

BNA_F

ClientSampleId :

TP2-WC-1

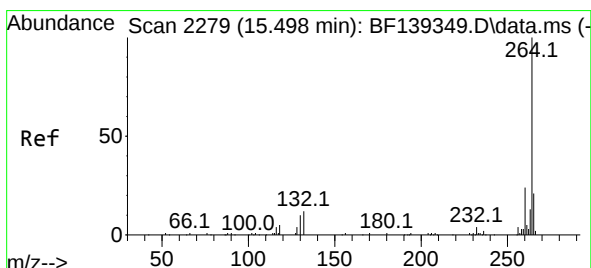
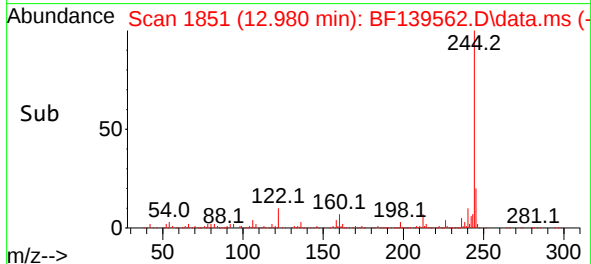
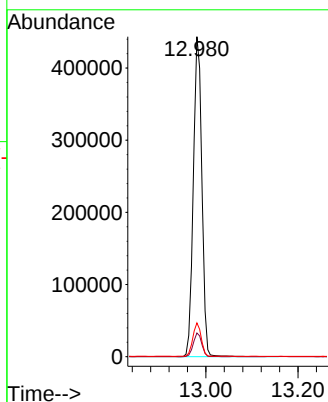
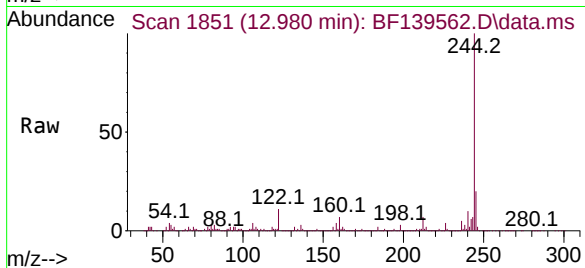
Tgt Ion:244 Resp: 568139

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.6 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.012 min

Lab File: BF139562.D

Acq: 26 Sep 2024 22:50

Tgt Ion:264 Resp: 141536

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 21.4 16.6 25.0

