

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139548.D
 Acq On : 26 Sep 2024 15:31
 Operator : RC/JU
 Sample : PB163697BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163697BL

Quant Time: Sep 26 16:00:16 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)

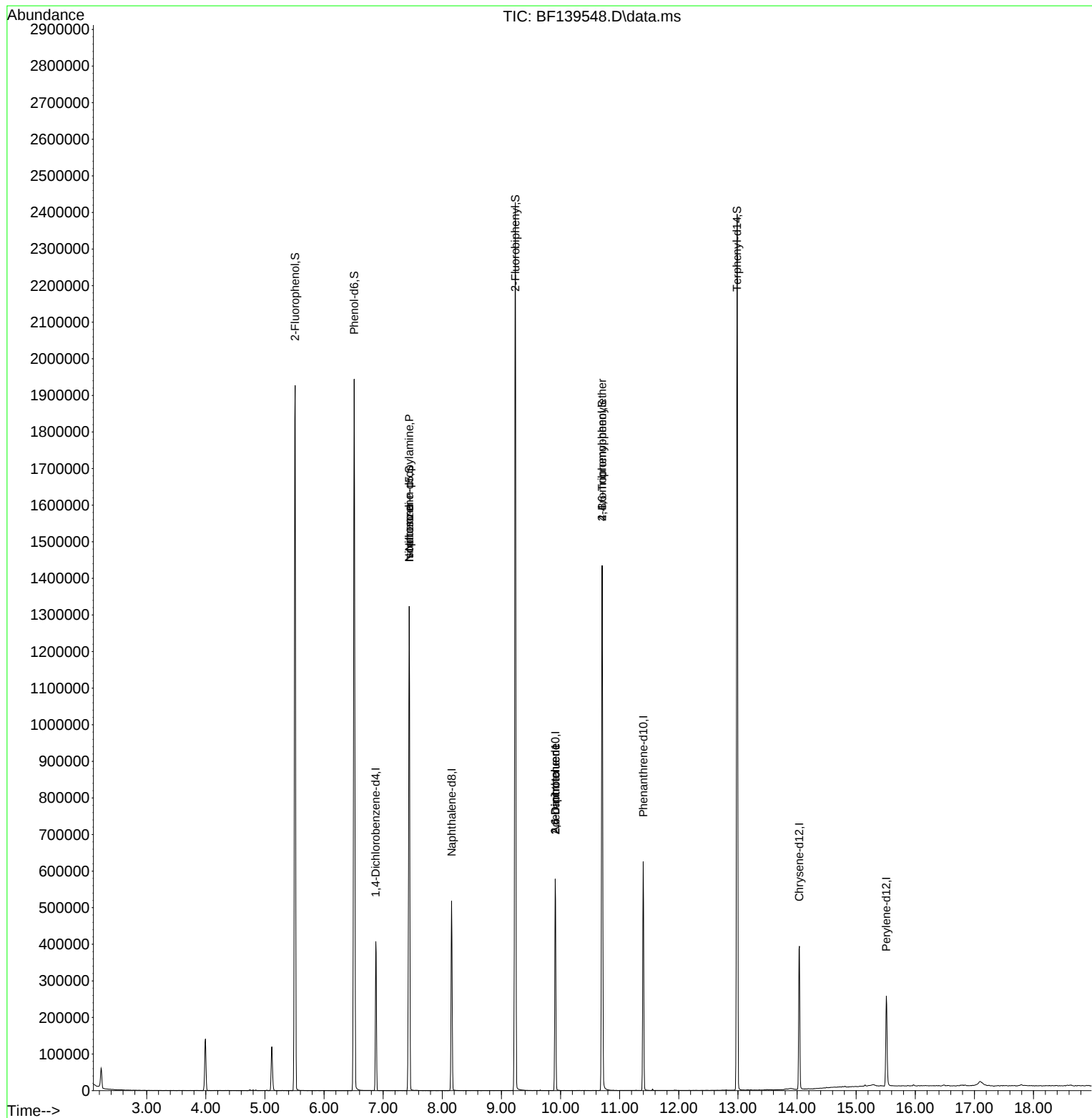
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	81130	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	310840	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	172665	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	326485	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	194540	20.000	ng	0.00
86) Perylene-d12	15.510	264	150997	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	685014	137.741	ng	0.02
7) Phenol-d6	6.510	99	894447	137.024	ng	0.00
23) Nitrobenzene-d5	7.440	82	597531	90.371	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	226724	123.338	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1088434	88.411	ng	0.00
79) Terphenyl-d14	12.986	244	1169473	98.672	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	81065	20.957	ng	# 74
25) Isophorone	7.440	82	595144	56.914	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	21756	8.666	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	21756	6.419	ng	# 16
67) 4-Bromophenyl-phenylether	10.704	248	15816	4.888	ng	# 1

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

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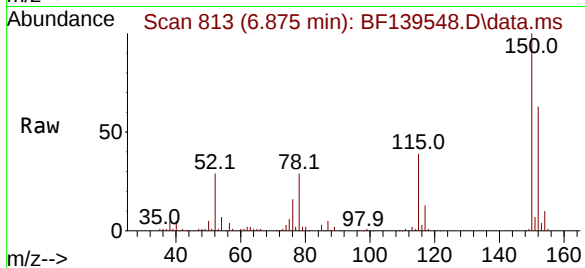
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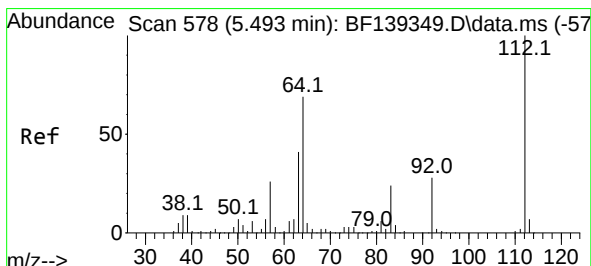
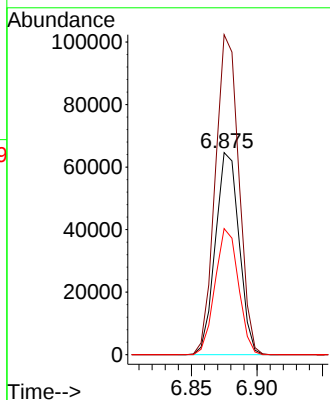
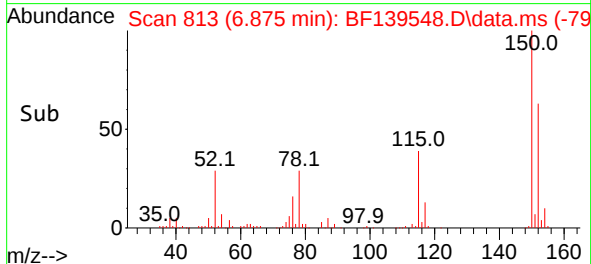


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31

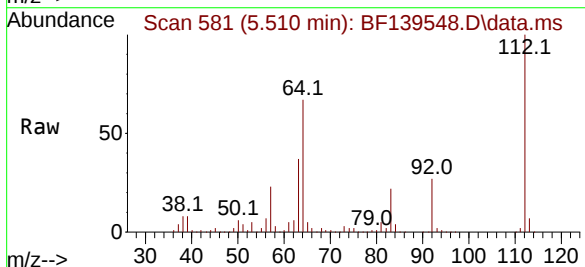
Instrument :
BNA_F
ClientSampleId :
PB163697BL



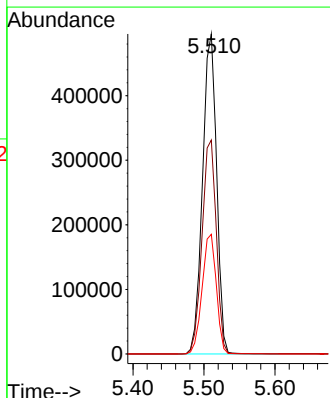
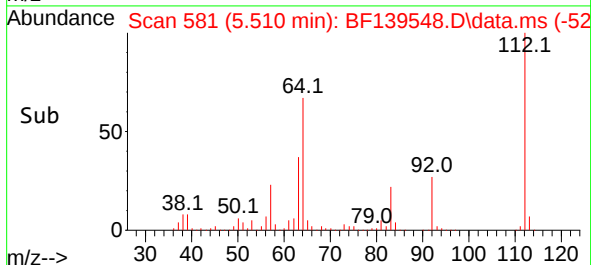
Tgt Ion:152 Resp: 81130
Ion Ratio Lower Upper
152 100
150 158.3 124.1 186.1
115 62.4 48.1 72.1

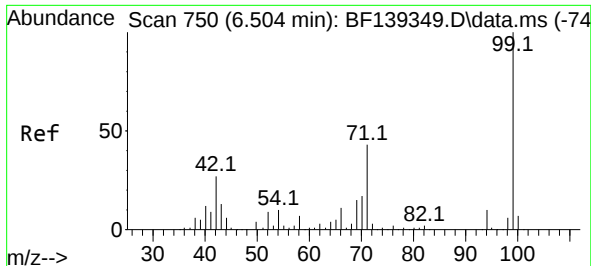


#5
2-Fluorophenol
Concen: 137.741 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.017 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31



Tgt Ion:112 Resp: 685014
Ion Ratio Lower Upper
112 100
64 66.8 54.8 82.2
63 37.4 33.0 49.4

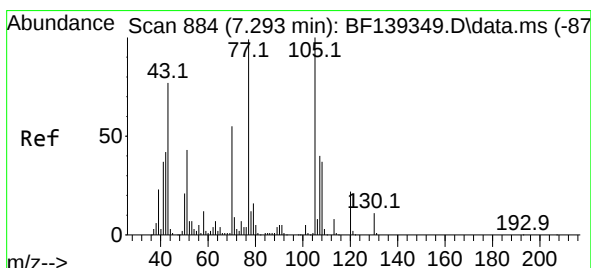
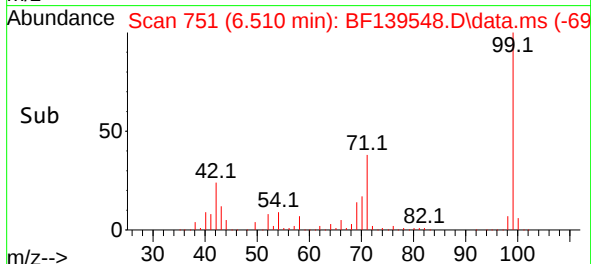
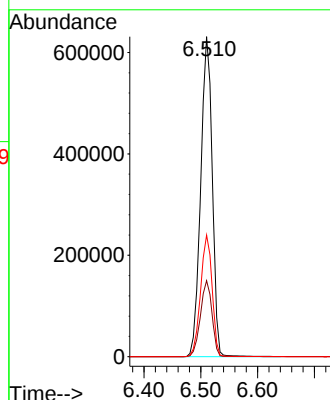
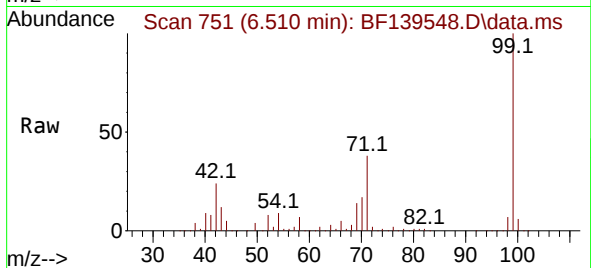




#7
Phenol-d6
Concen: 137.024 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31

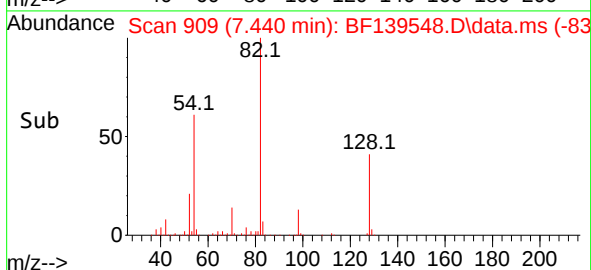
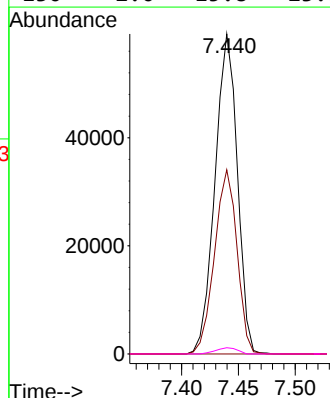
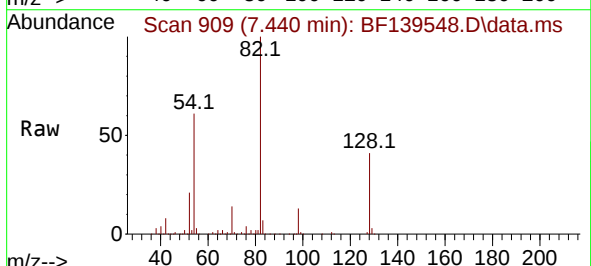
Instrument :
BNA_F
ClientSampleId :
PB163697BL

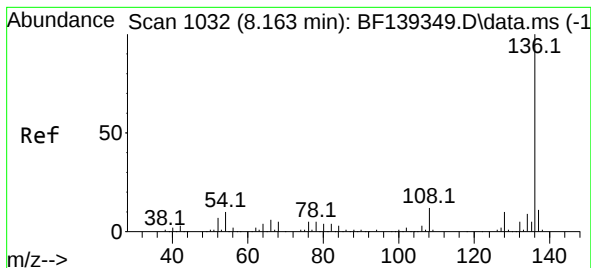
Tgt Ion: 99 Resp: 894447
Ion Ratio Lower Upper
99 100
42 23.7 21.9 32.9
71 38.0 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.957 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31

Tgt Ion: 70 Resp: 81065
Ion Ratio Lower Upper
70 100
42 57.5 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: BF139548.D

Acq: 26 Sep 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB163697BL

Tgt Ion:136 Resp: 310840

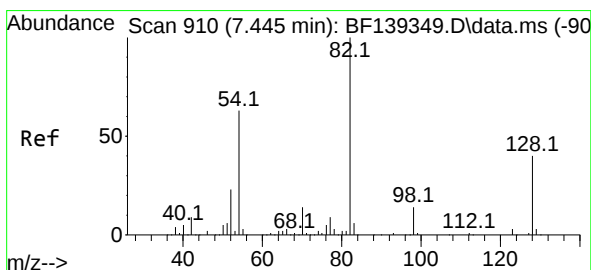
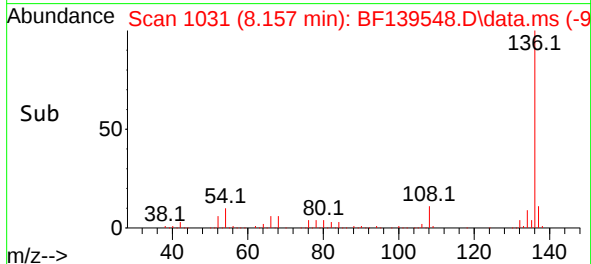
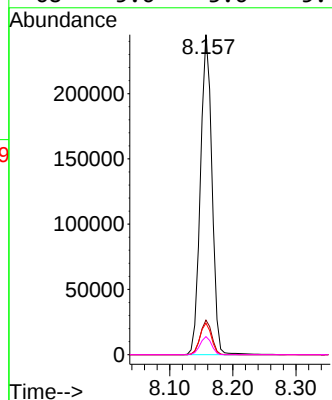
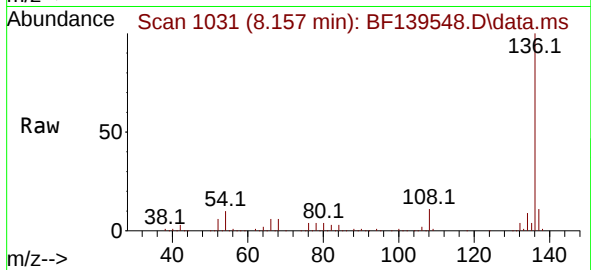
Ion Ratio Lower Upper

136 100

137 10.8 8.6 12.8

54 9.9 7.8 11.8

68 5.6 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 90.371 ng

RT: 7.440 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139548.D

Acq: 26 Sep 2024 15:31

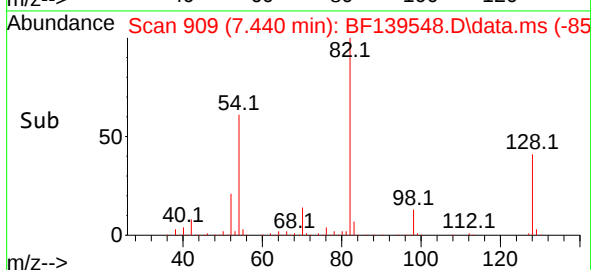
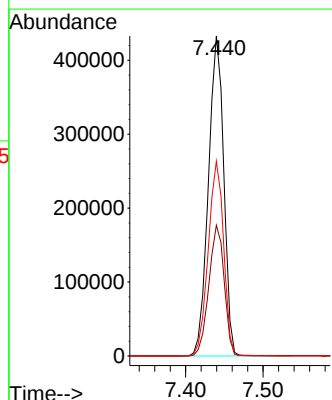
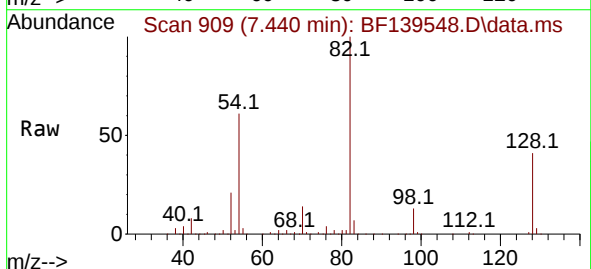
Tgt Ion: 82 Resp: 597531

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.6

54 60.8 50.6 75.8

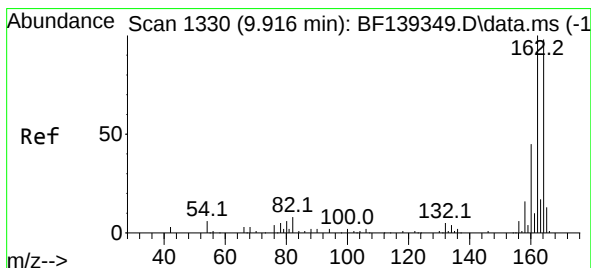
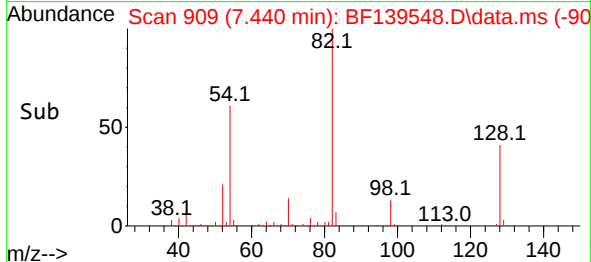
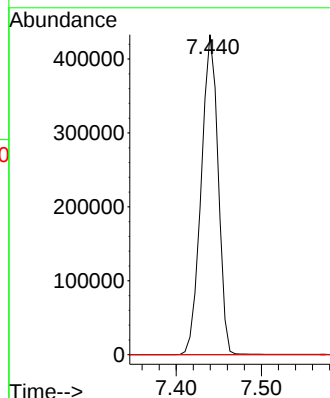
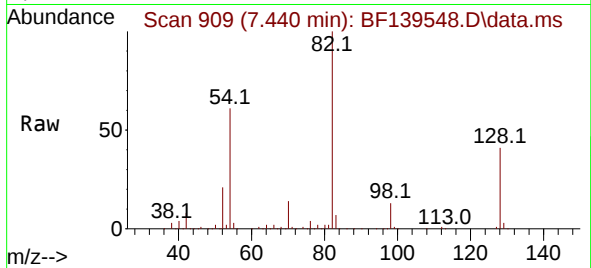




#25
Isophorone
Concen: 56.914 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31

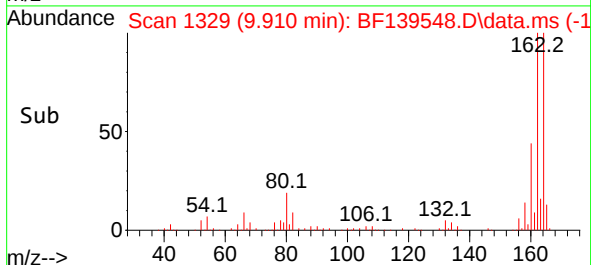
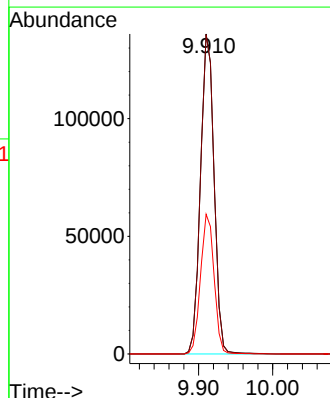
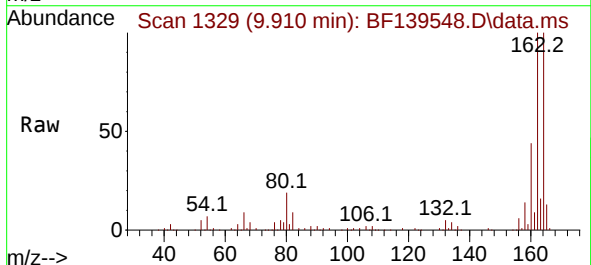
Instrument :
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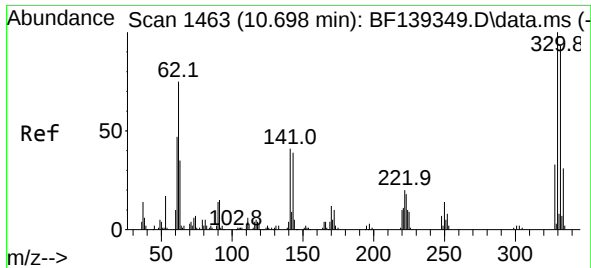
Tgt Ion: 82 Resp: 595144
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31

Tgt Ion:164 Resp: 172665
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 43.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 123.338 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.006 min

Lab File: BF139548.D

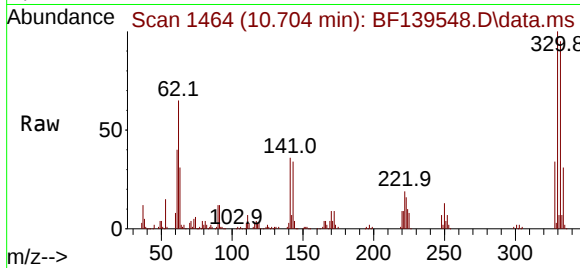
Acq: 26 Sep 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB163697BL



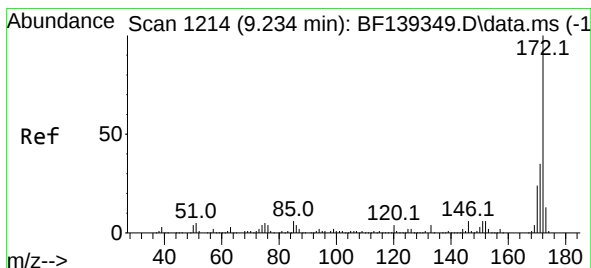
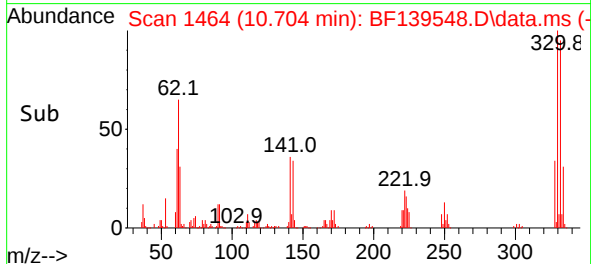
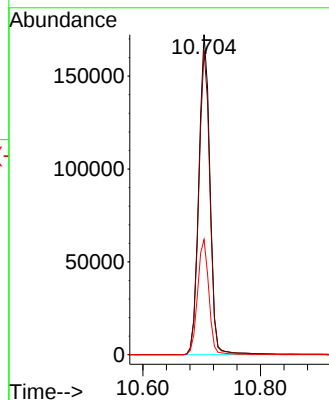
Tgt Ion:330 Resp: 226724

Ion Ratio Lower Upper

330 100

332 94.4 75.2 112.8

141 36.2 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 88.411 ng

RT: 9.234 min Scan# 1214

Delta R.T. 0.000 min

Lab File: BF139548.D

Acq: 26 Sep 2024 15:31

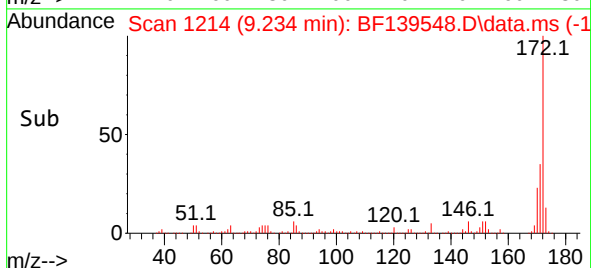
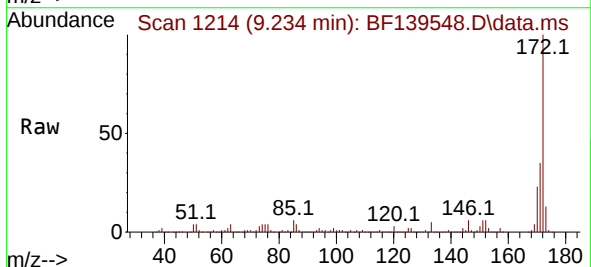
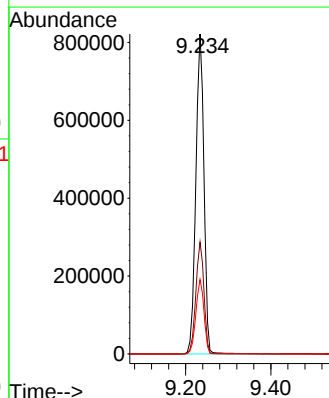
Tgt Ion:172 Resp: 1088434

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.3 19.0 28.6

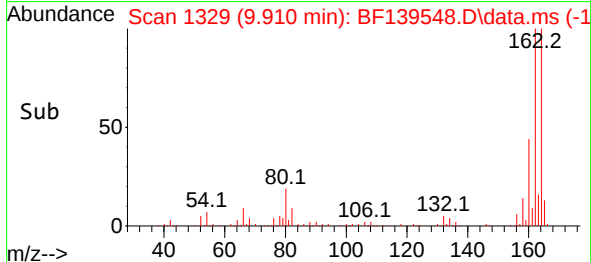
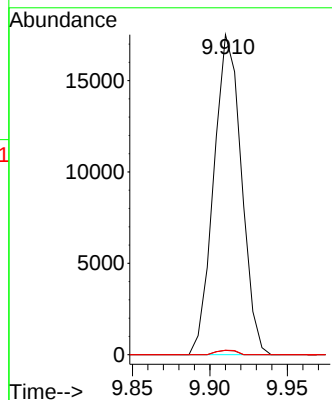
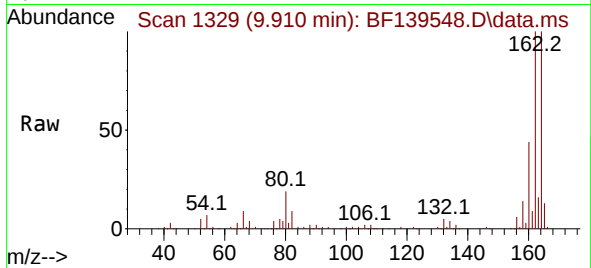




#51
2,6-Dinitrotoluene
Concen: 8.666 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31

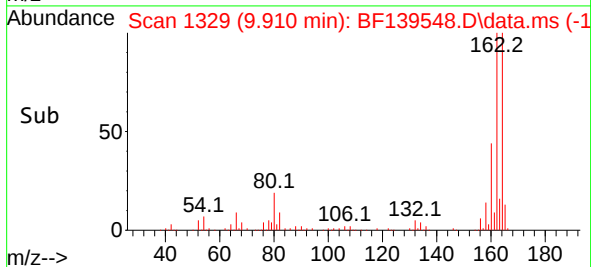
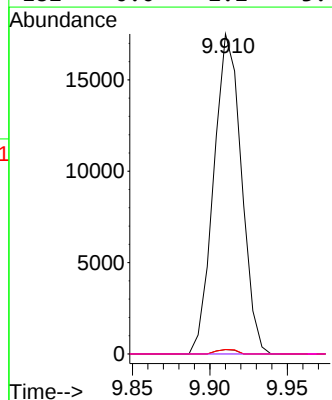
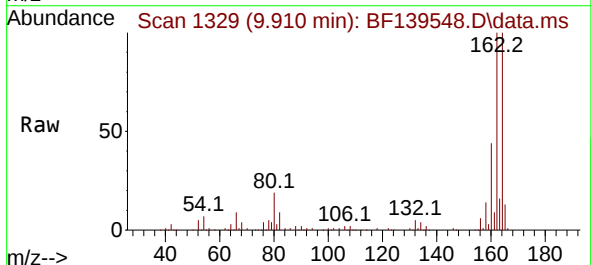
Instrument :
BNA_F
ClientSampleId :
PB163697BL

Tgt Ion:165 Resp: 21756
Ion Ratio Lower Upper
165 100
63 1.3 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.419 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139548.D
Acq: 26 Sep 2024 15:31

Tgt Ion:165 Resp: 21756
Ion Ratio Lower Upper
165 100
63 1.3 47.8 71.6#
89 1.4 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: BF139548.D

Acq: 26 Sep 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB163697BL

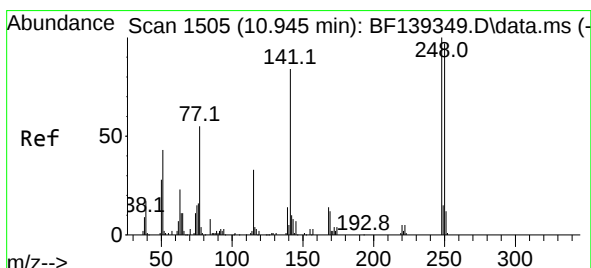
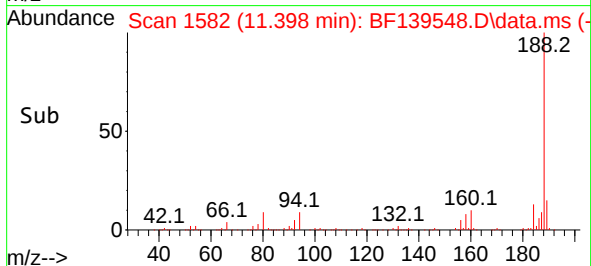
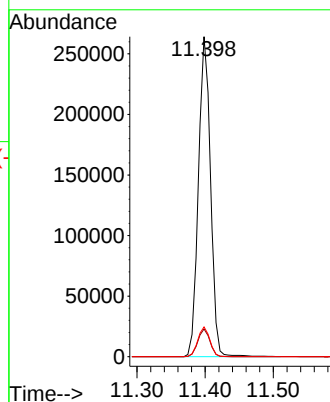
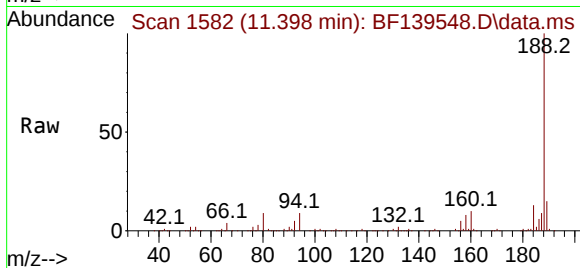
Tgt Ion:188 Resp: 326485

Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3#

80 9.3 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.888 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF139548.D

Acq: 26 Sep 2024 15:31

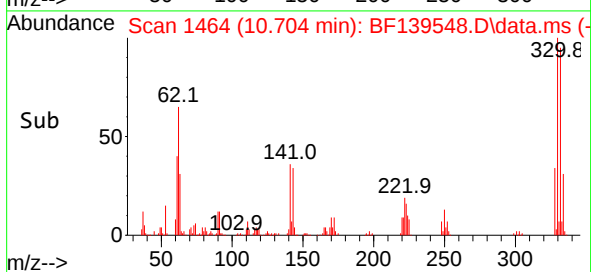
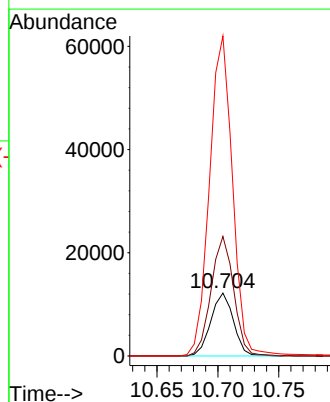
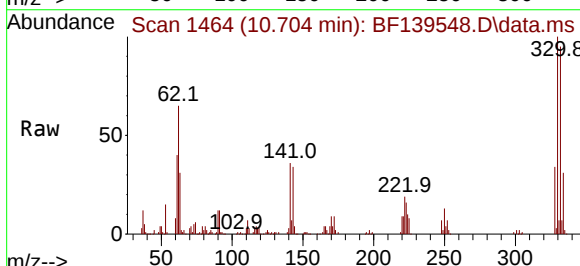
Tgt Ion:248 Resp: 15816

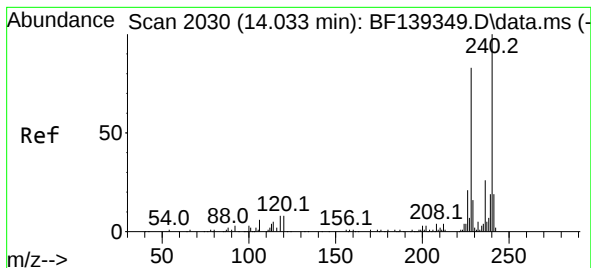
Ion Ratio Lower Upper

248 100

250 189.8 77.6 116.4#

141 508.5 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2030

Delta R.T. 0.006 min

Lab File: BF139548.D

Acq: 26 Sep 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB163697BL

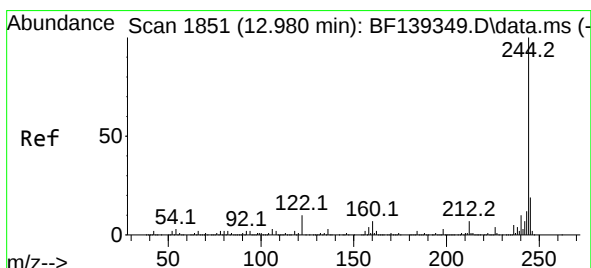
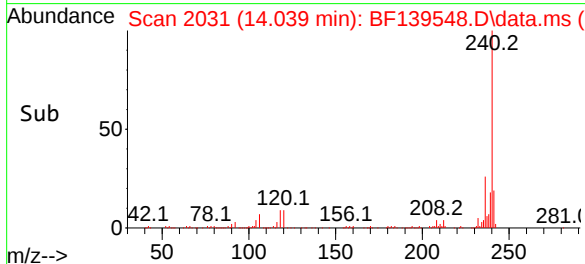
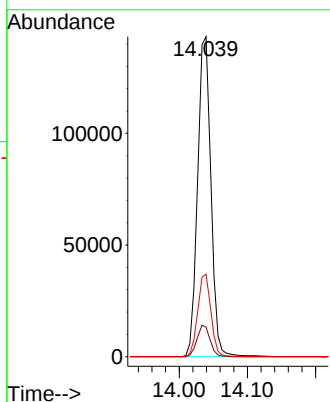
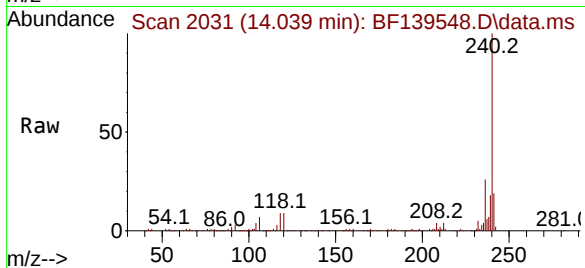
Tgt Ion:240 Resp: 194540

Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 98.672 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF139548.D

Acq: 26 Sep 2024 15:31

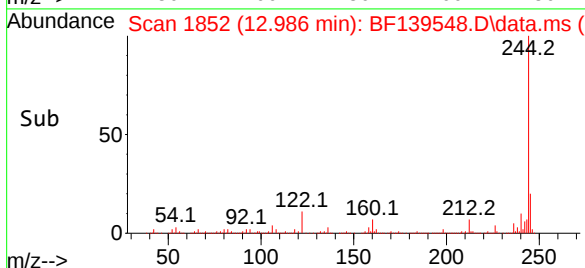
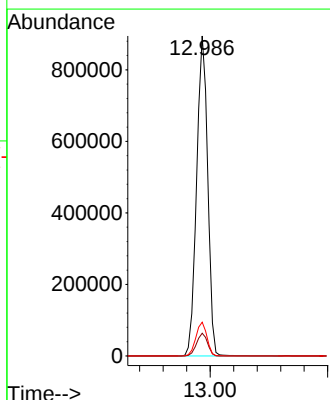
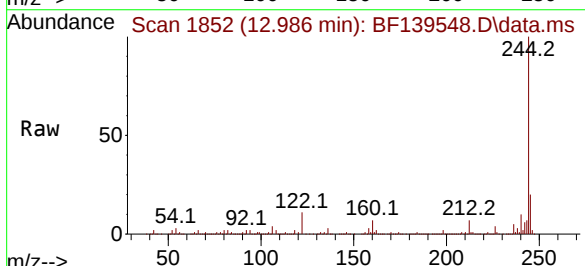
Tgt Ion:244 Resp: 1169473

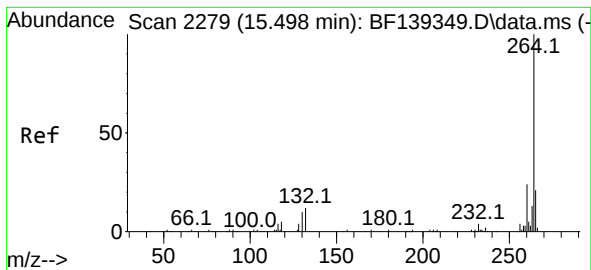
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 10.6 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: BF139548.D

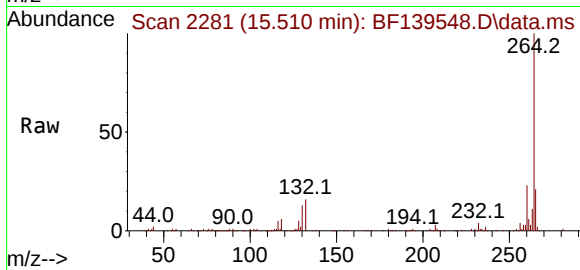
Acq: 26 Sep 2024 15:31

Instrument :

BNA_F

ClientSampleId :

PB163697BL



Tgt Ion:264 Resp: 150997

Ion Ratio Lower Upper

264 100

260 22.9 19.5 29.3

265 21.1 16.6 25.0

