

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092524\
 Data File : BF139532.D
 Acq On : 25 Sep 2024 16:40
 Operator : RC/JU
 Sample : PB163665BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163665BL

Quant Time: Sep 25 17:18:30 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)

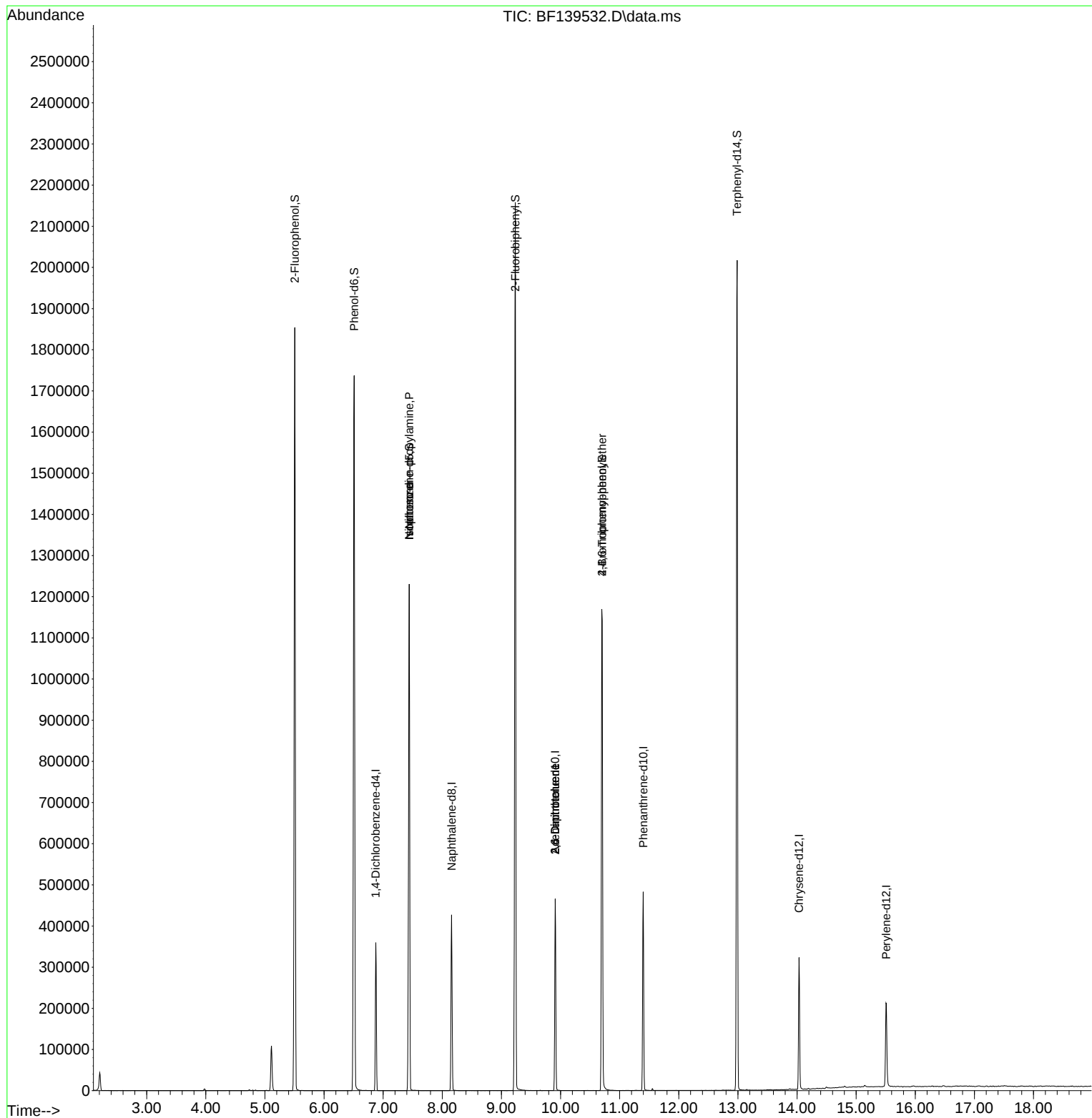
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69594	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	252876	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	135217	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	253266	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	151018	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	126891	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	635735	149.022	ng	0.01
7) Phenol-d6	6.510	99	815091	145.566	ng	0.00
23) Nitrobenzene-d5	7.440	82	540628	100.507	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	187080	129.957	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	952953	98.844	ng	0.00
79) Terphenyl-d14	12.986	244	1001622	108.865	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	74570	22.473	ng	# 73
25) Isophorone	7.440	82	539169	63.380	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17458	8.880	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	17458	6.577	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	12966	5.166	ng	# 1

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

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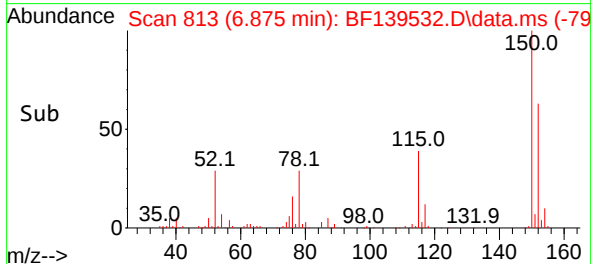
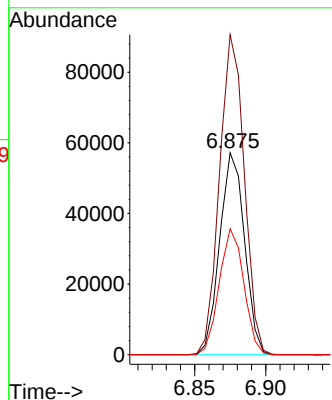
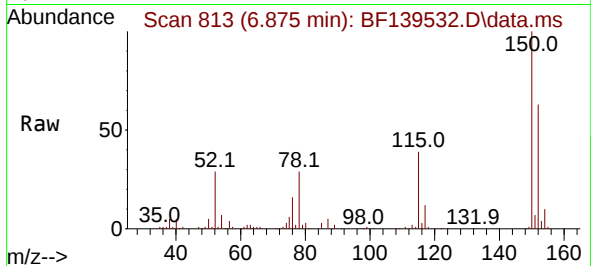




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

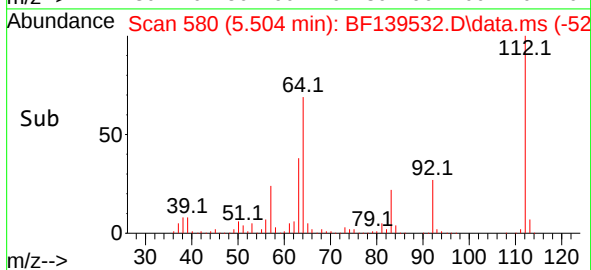
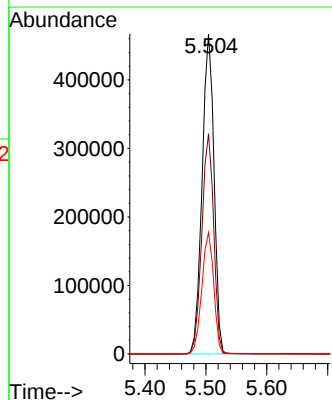
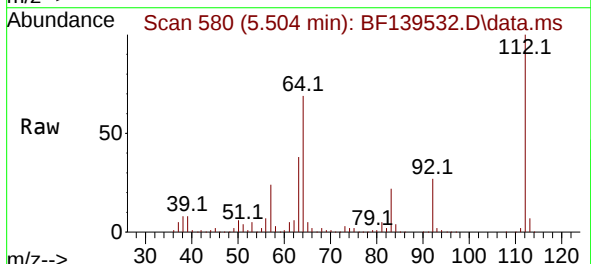
Instrument :
BNA_F
ClientSampleId :
PB163665BL

Tgt Ion:152 Resp: 69594
Ion Ratio Lower Upper
152 100
150 158.5 124.1 186.1
115 62.4 48.1 72.1



#5
2-Fluorophenol
Concen: 149.022 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

Tgt Ion:112 Resp: 635735
Ion Ratio Lower Upper
112 100
64 68.8 54.8 82.2
63 37.9 33.0 49.4

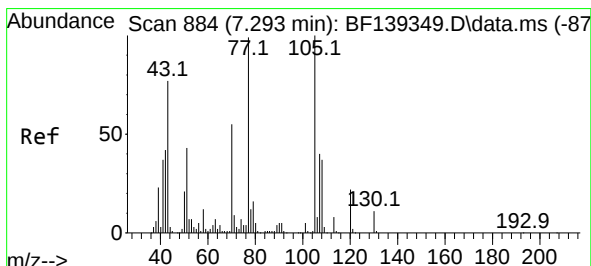
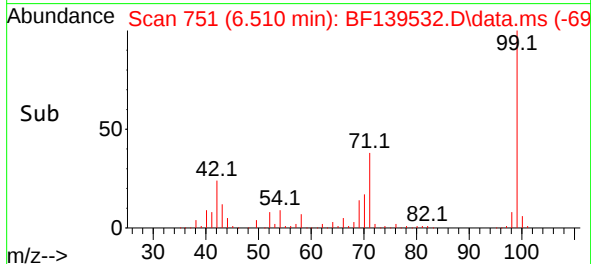
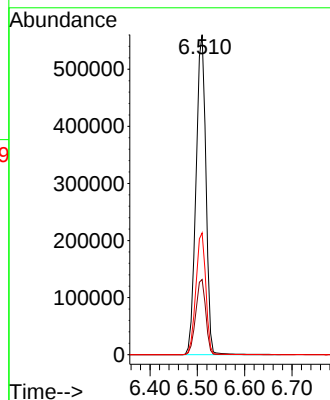
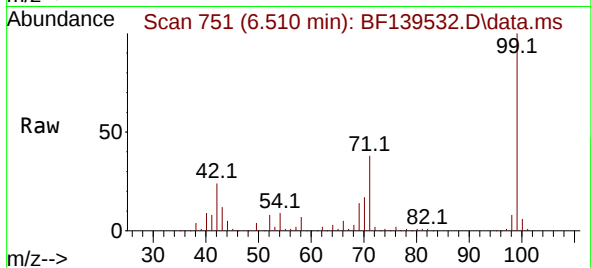




#7
Phenol-d6
Concen: 145.566 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

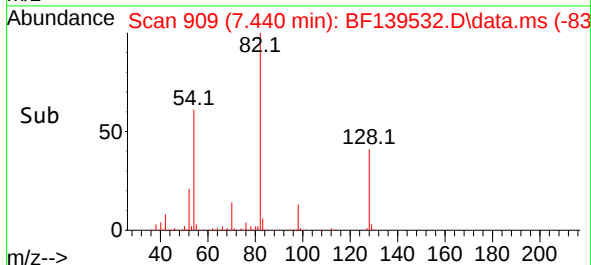
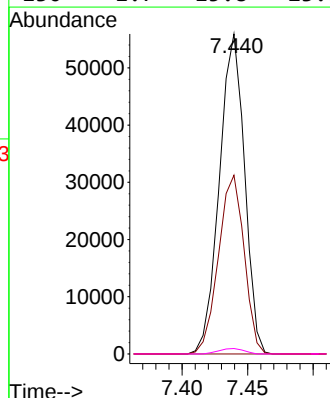
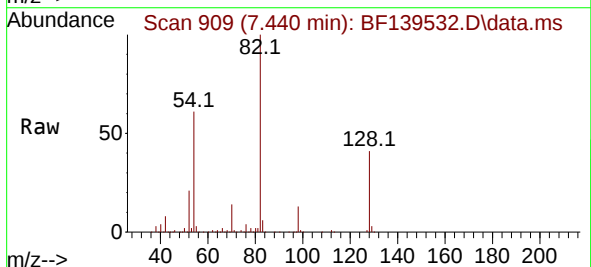
Instrument :
BNA_F
ClientSampleId :
PB163665BL

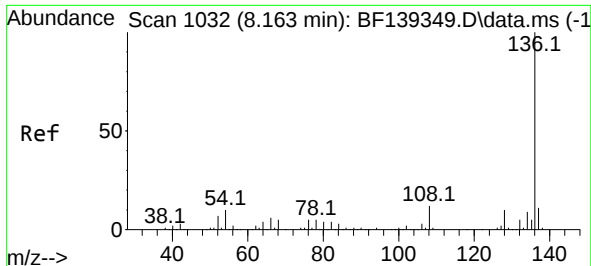
Tgt Ion: 99 Resp: 815091
Ion Ratio Lower Upper
99 100
42 23.5 21.9 32.9
71 38.0 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.473 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

Tgt Ion: 70 Resp: 74570
Ion Ratio Lower Upper
70 100
42 55.8 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

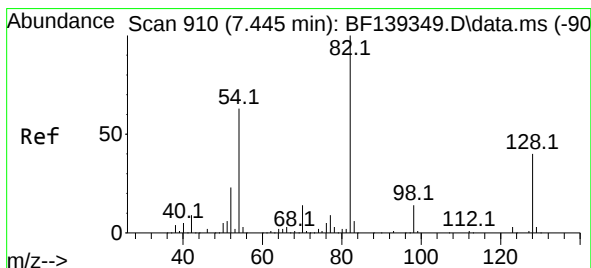
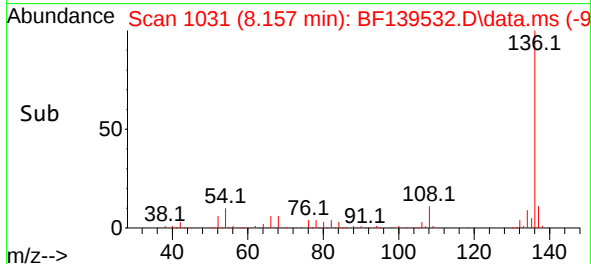
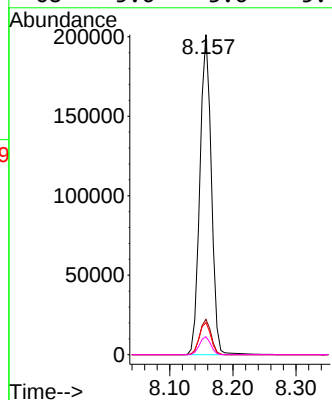
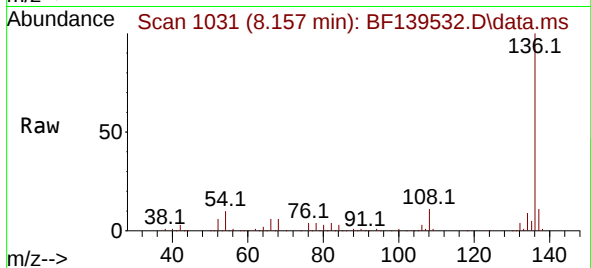
Instrument :

BNA_F

ClientSampleId :

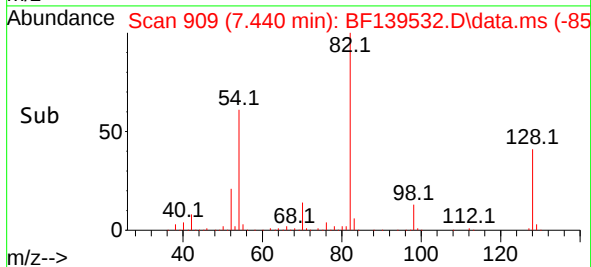
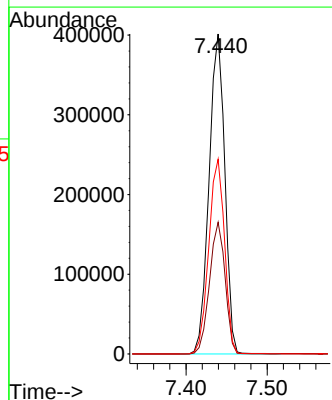
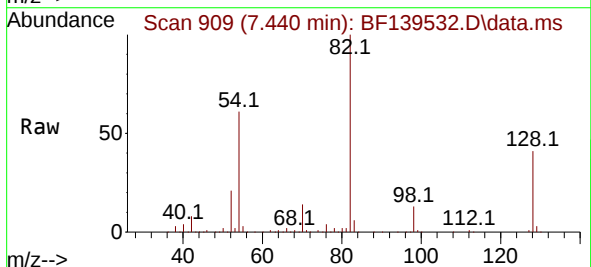
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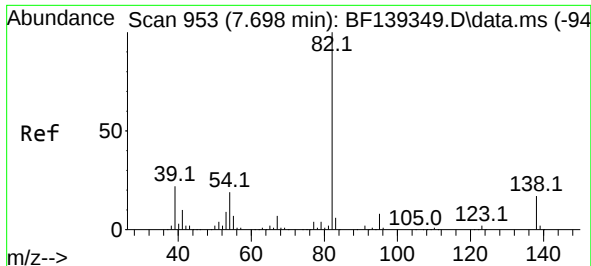
Tgt Ion:136 Resp: 252876
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 10.1 7.8 11.8
68 5.6 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 100.507 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

Tgt Ion: 82 Resp: 540628
Ion Ratio Lower Upper
82 100
128 41.1 31.8 47.6
54 60.8 50.6 75.8

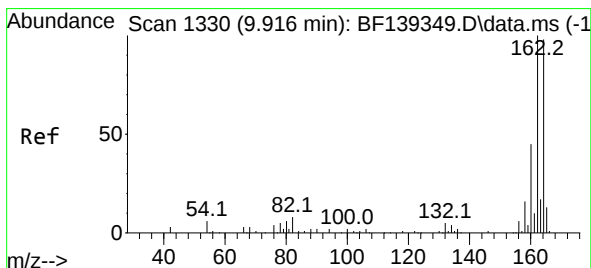
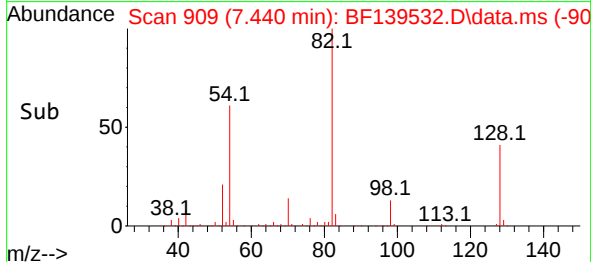
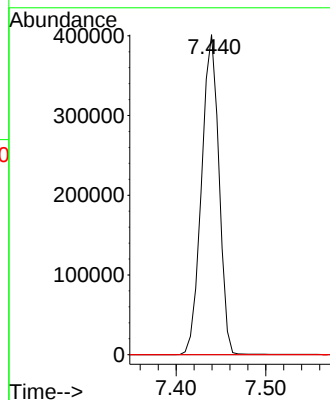
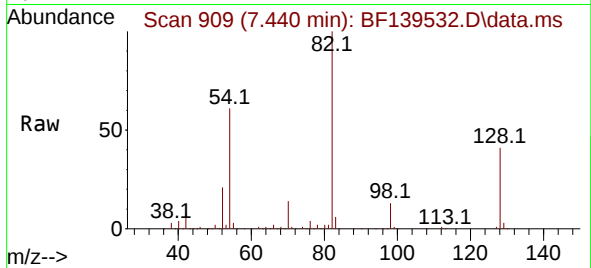




#25
Isophorone
Concen: 63.380 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

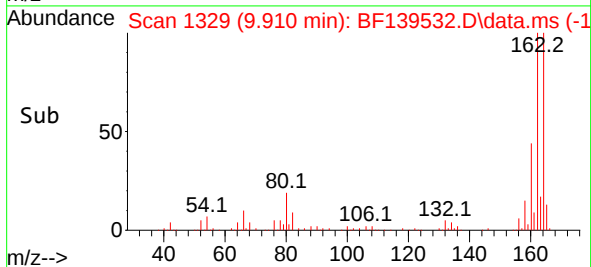
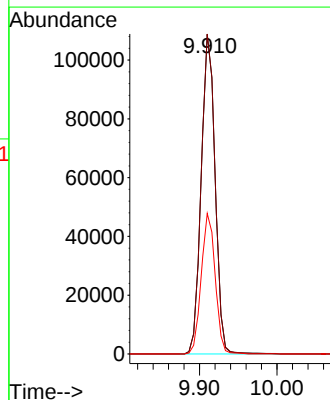
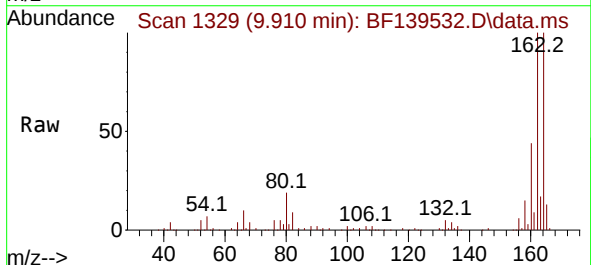
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BNA_F
ClientSampleId :
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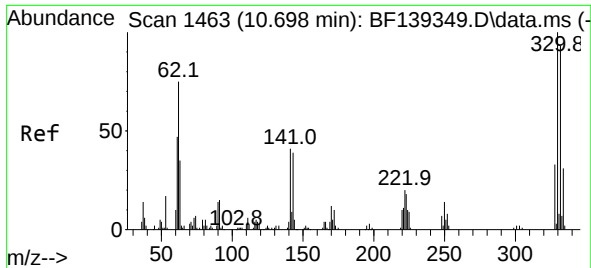
Tgt Ion: 82 Resp: 539169
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

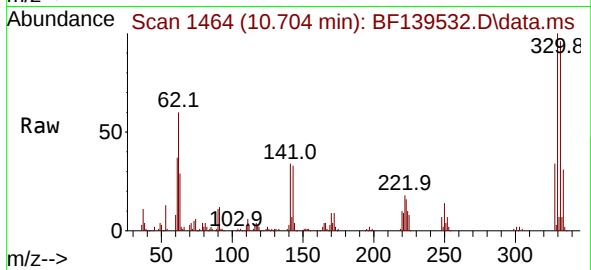
Tgt Ion:164 Resp: 135217
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 44.0 36.4 54.6



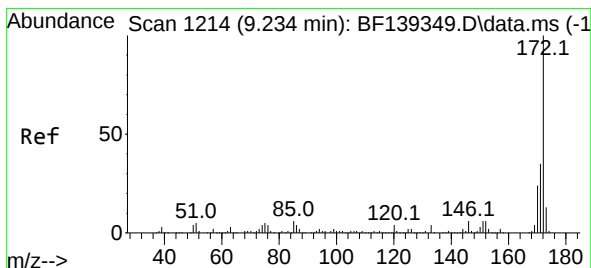
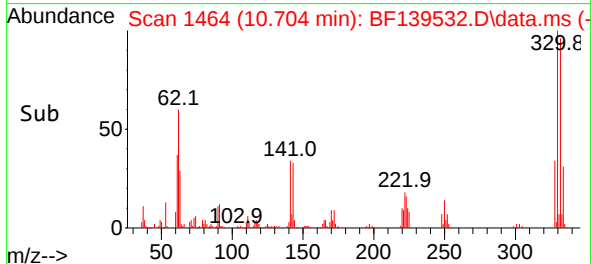
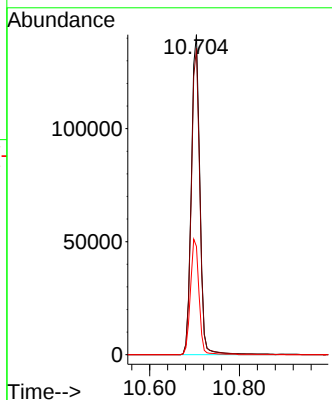


#42
2,4,6-Tribromophenol
Concen: 129.957 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

Instrument :
BNA_F
ClientSampleId :
PB163665BL

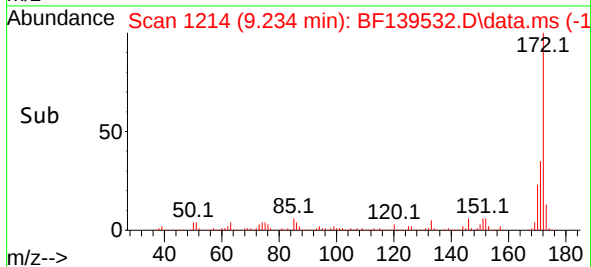
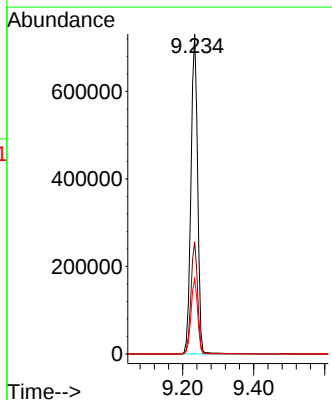
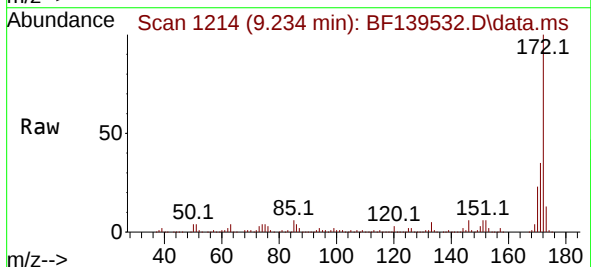


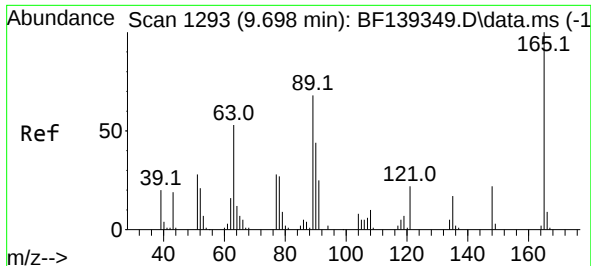
Tgt Ion:330 Resp: 187080
Ion Ratio Lower Upper
330 100
332 95.8 75.2 112.8
141 36.3 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 98.844 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

Tgt Ion:172 Resp: 952953
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 19.0 28.6

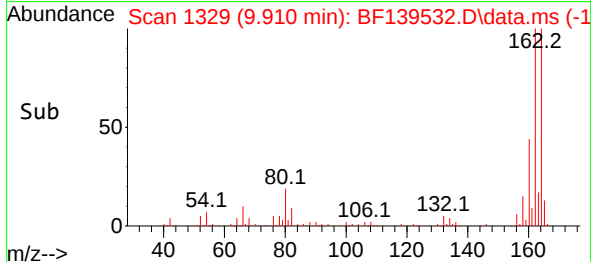
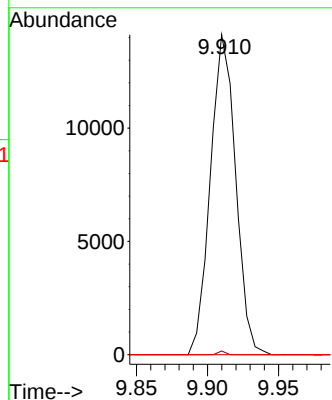
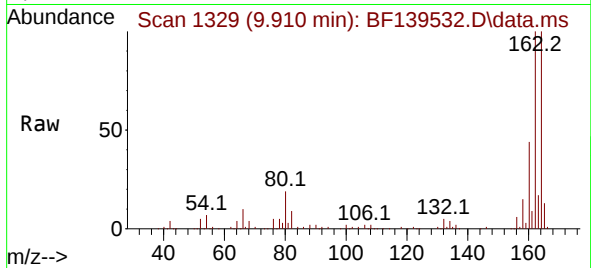




#51
2,6-Dinitrotoluene
Concen: 8.880 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

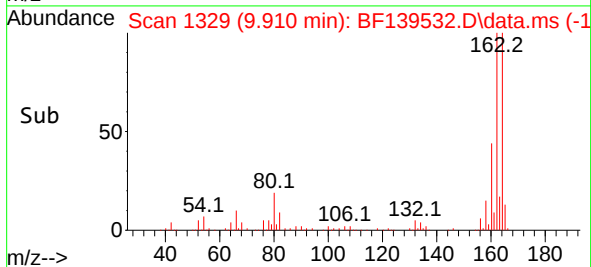
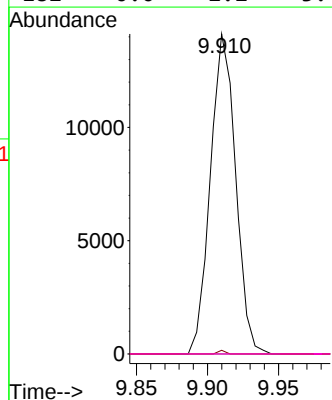
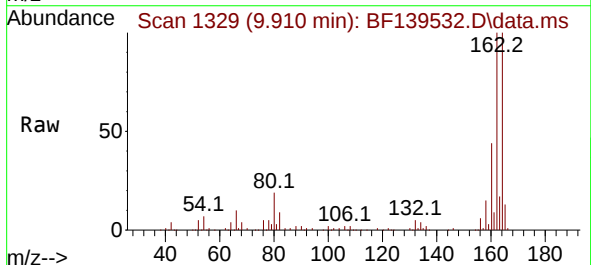
Instrument :
BNA_F
ClientSampleId :
PB163665BL

Tgt Ion:165 Resp: 17458
Ion Ratio Lower Upper
165 100
63 1.2 60.9 91.3#
89 0.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.577 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139532.D
Acq: 25 Sep 2024 16:40

Tgt Ion:165 Resp: 17458
Ion Ratio Lower Upper
165 100
63 1.2 47.8 71.6#
89 0.0 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: BF139532.D

Acq: 25 Sep 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PB163665BL

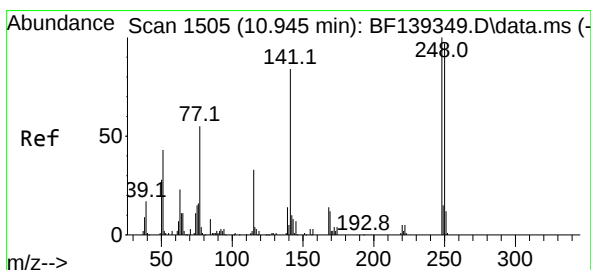
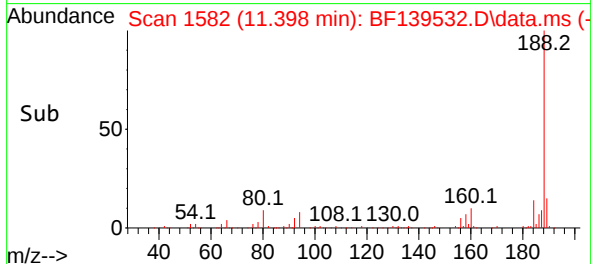
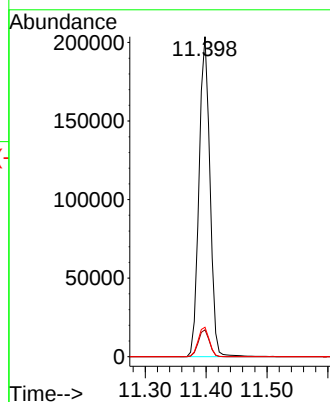
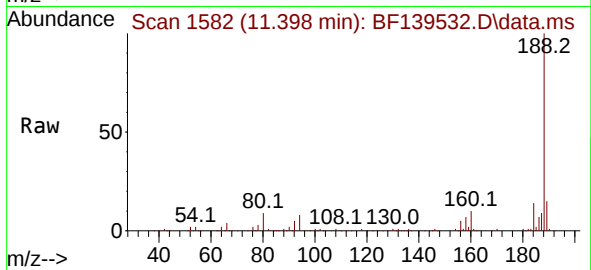
Tgt Ion:188 Resp: 253266

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.2 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.166 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF139532.D

Acq: 25 Sep 2024 16:40

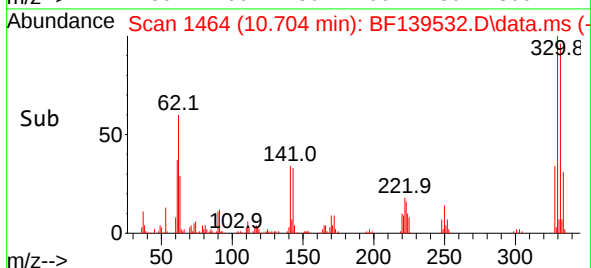
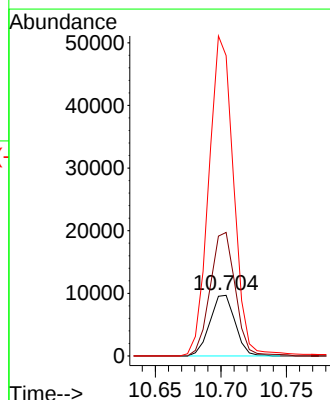
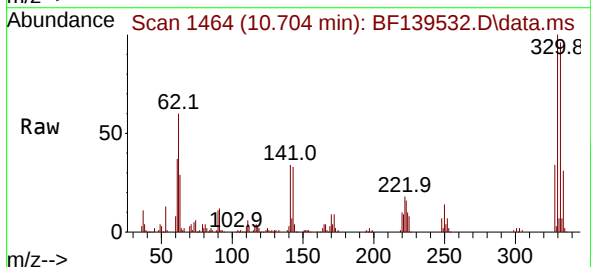
Tgt Ion:248 Resp: 12966

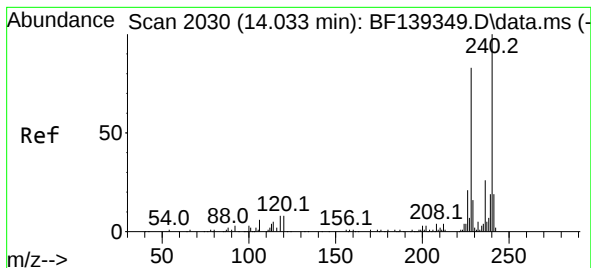
Ion Ratio Lower Upper

248 100

250 203.4 77.6 116.4#

141 494.7 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139532.D

Acq: 25 Sep 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PB163665BL

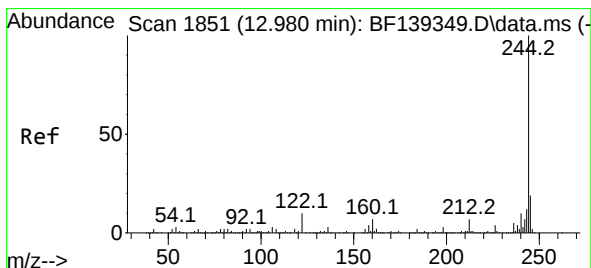
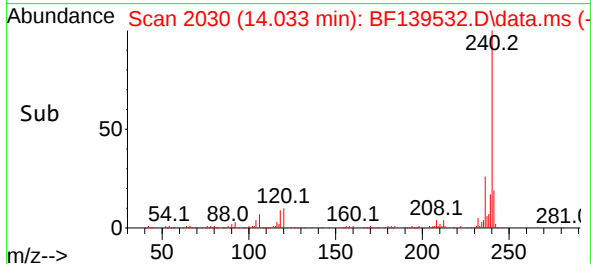
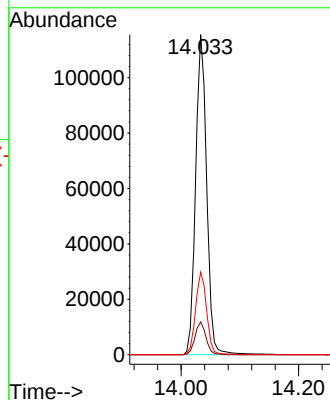
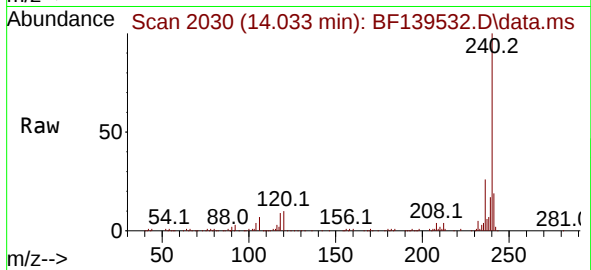
Tgt Ion:240 Resp: 151018

Ion Ratio Lower Upper

240 100

120 10.3 6.2 9.2#

236 25.8 20.9 31.3



#79

Terphenyl-d14

Concen: 108.865 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.006 min

Lab File: BF139532.D

Acq: 25 Sep 2024 16:40

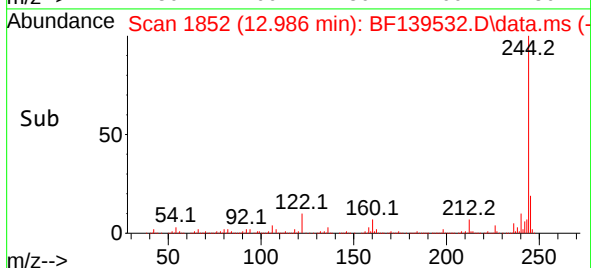
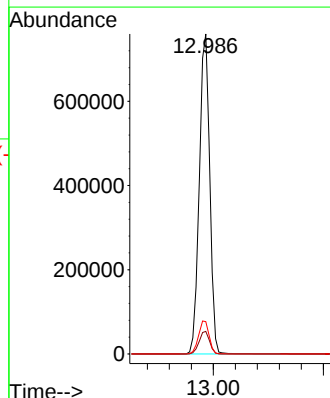
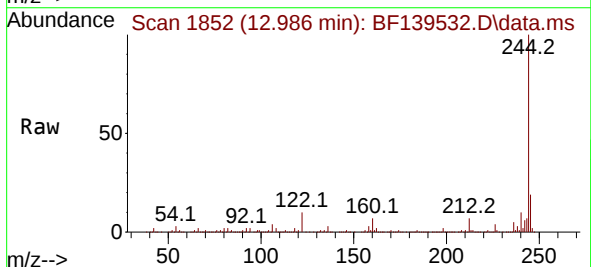
Tgt Ion:244 Resp: 1001622

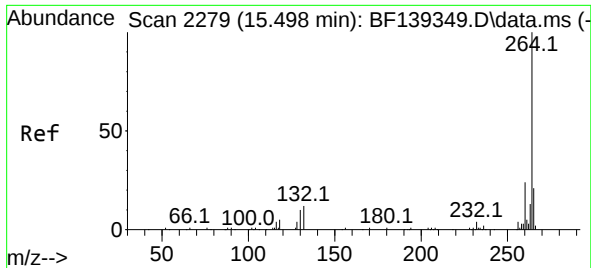
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.1 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: BF139532.D

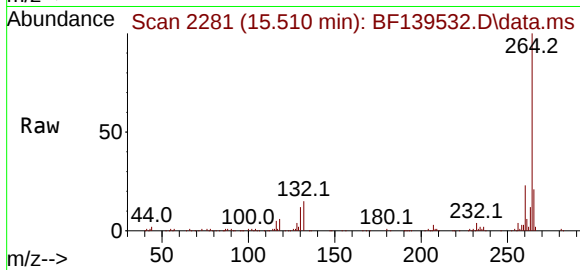
Acq: 25 Sep 2024 16:40

Instrument :

BNA_F

ClientSampleId :

PB163665BL



Tgt Ion:264 Resp: 126891

Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

265 20.8 16.6 25.0

