

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093024\
 Data File : BF139575.D
 Acq On : 30 Sep 2024 13:24
 Operator : RC/JU
 Sample : PB163688TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163688TB

Quant Time: Sep 30 14:15:45 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)

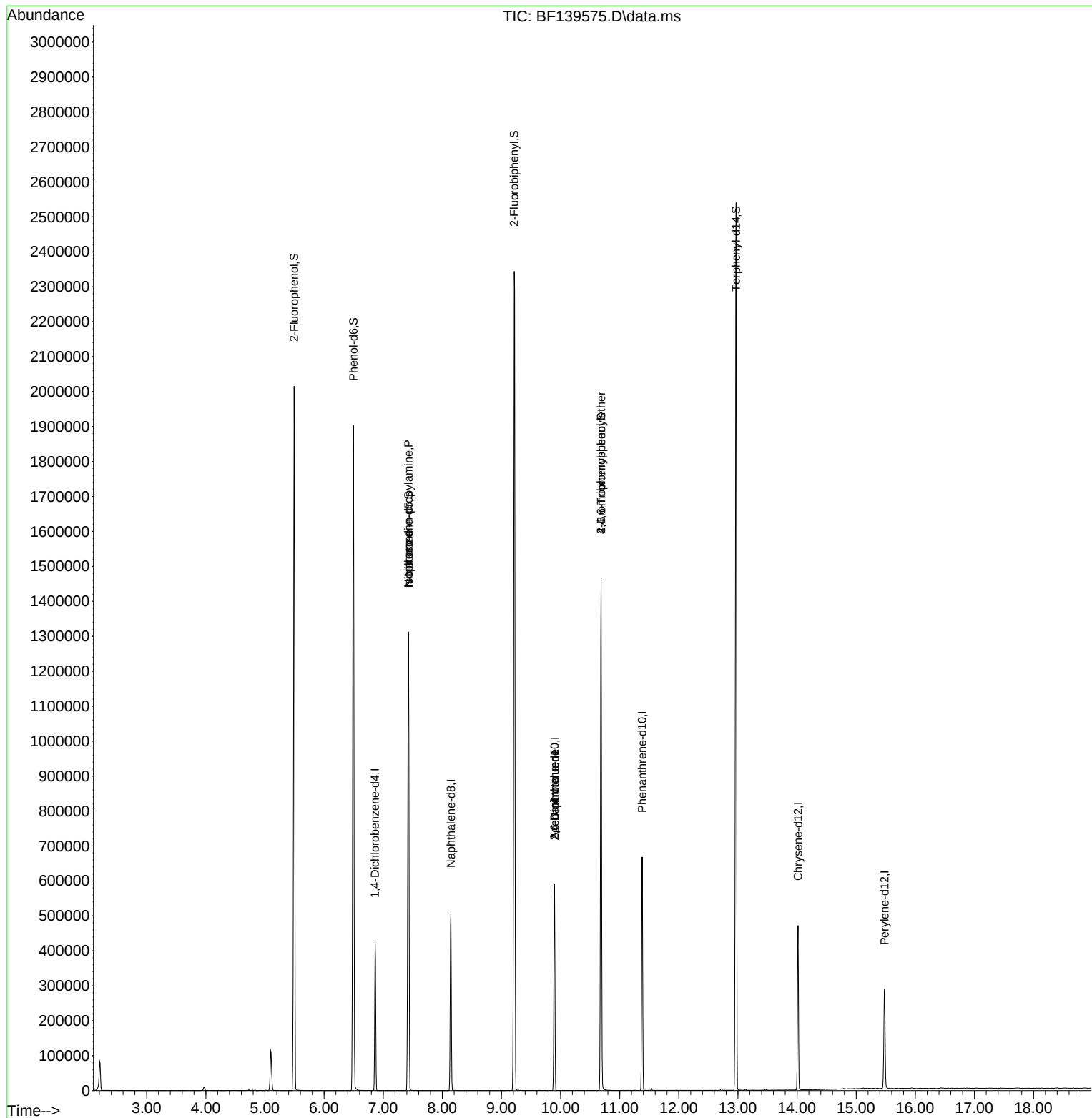
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84791	20.000	ng	-0.02
21) Naphthalene-d8	8.145	136	318811	20.000	ng	#-0.02
39) Acenaphthene-d10	9.898	164	176538	20.000	ng	-0.02
64) Phenanthrene-d10	11.380	188	343782	20.000	ng	#-0.02
76) Chrysene-d12	14.015	240	215192	20.000	ng	#-0.02
86) Perylene-d12	15.480	264	169799	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	696250	133.956	ng	0.00
7) Phenol-d6	6.498	99	912861	133.807	ng	0.00
23) Nitrobenzene-d5	7.428	82	599857	88.454	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	225079	119.757	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	1100524	87.432	ng	-0.02
79) Terphenyl-d14	12.968	244	1261174	96.197	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	81127	20.067	ng	# 75
25) Isophorone	7.428	82	598277	55.783	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	22513	8.771	ng	# 15
57) 2,4-Dinitrotoluene	9.898	165	22513	6.496	ng	# 17
67) 4-Bromophenyl-phenylether	10.686	248	15661	4.597	ng	# 1

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

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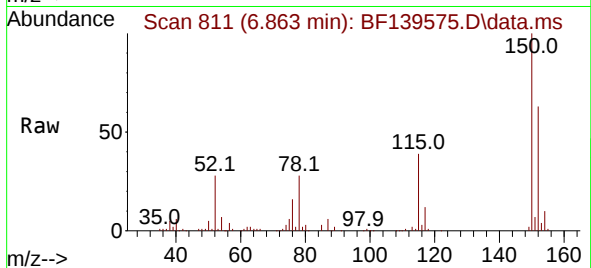
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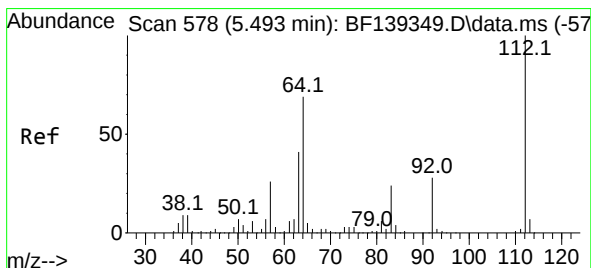
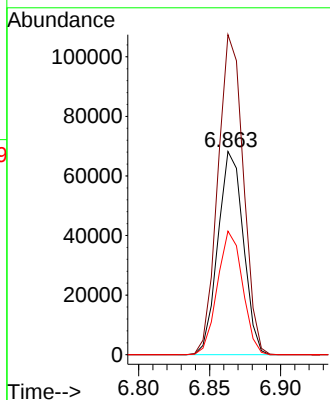
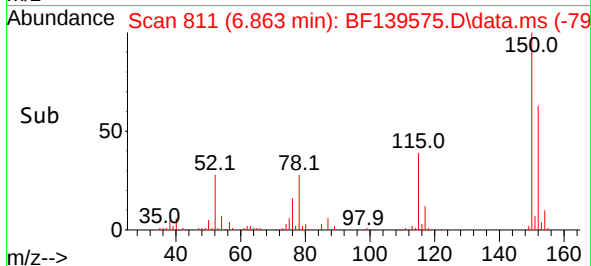


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 814
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Instrument :
BNA_F
ClientSampleId :
PB163688TB

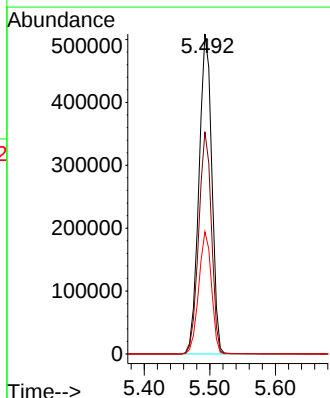
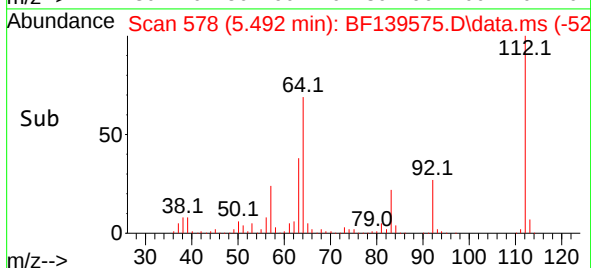
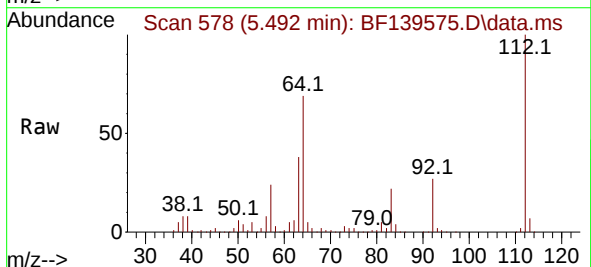


Tgt Ion:152 Resp: 84791
Ion Ratio Lower Upper
152 100
150 157.5 124.1 186.1
115 60.8 48.1 72.1



#5
2-Fluorophenol
Concen: 133.956 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion:112 Resp: 696250
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 38.2 33.0 49.4

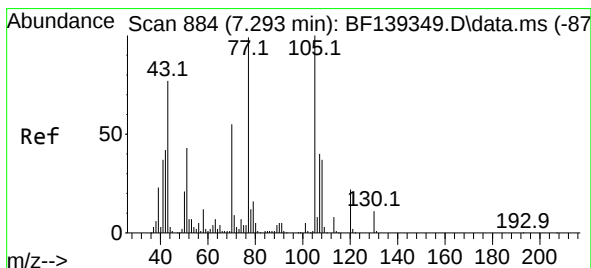
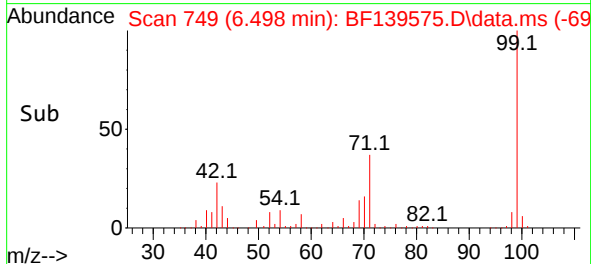
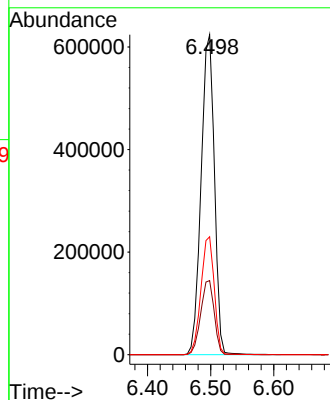
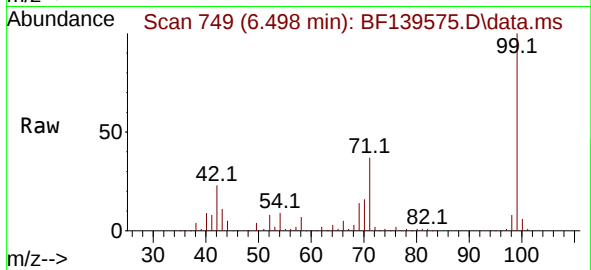




#7
Phenol-d6
Concen: 133.807 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

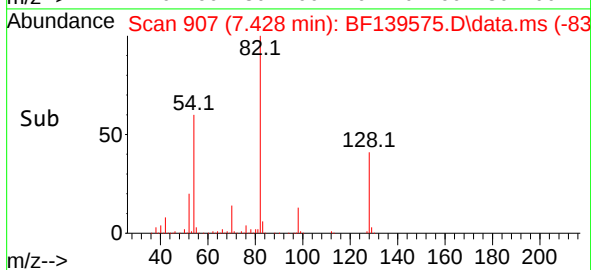
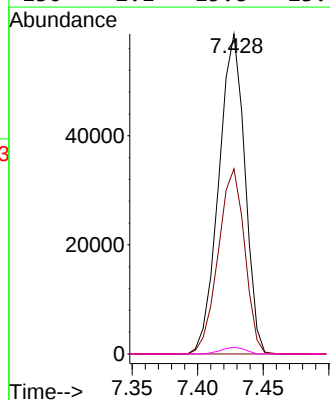
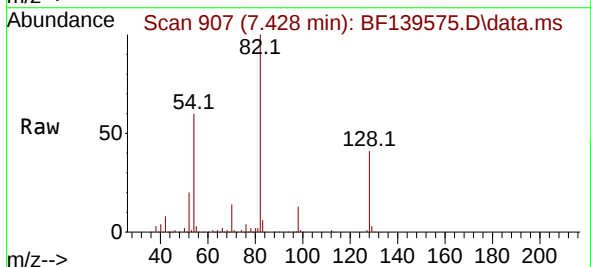
Instrument :
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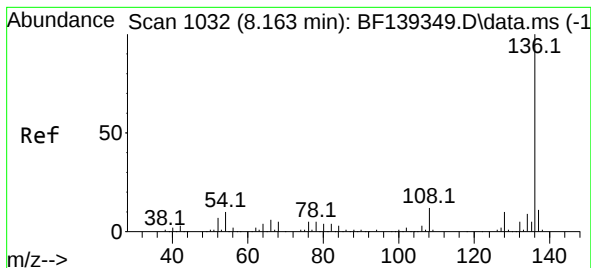
Tgt Ion: 99 Resp: 912861
Ion Ratio Lower Upper
99 100
42 23.1 21.9 32.9
71 36.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.067 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.135 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion: 70 Resp: 81127
Ion Ratio Lower Upper
70 100
42 57.9 61.2 91.8#
101 0.0 7.5 11.3#
130 2.1 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139575.D

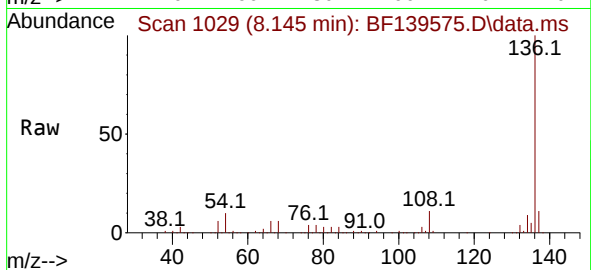
Acq: 30 Sep 2024 13:24

Instrument :

BNA_F

ClientSampleId :

PB163688TB



Tgt Ion:136 Resp: 318811

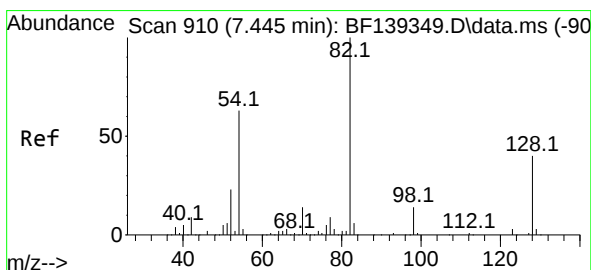
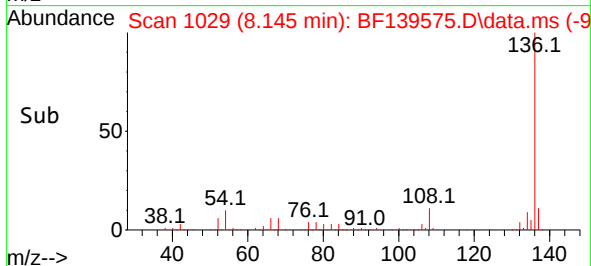
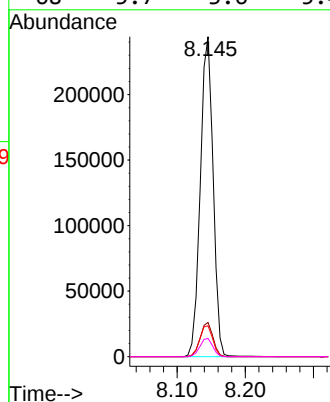
Ion Ratio Lower Upper

136 100

137 10.7 8.6 12.8

54 9.7 7.8 11.8

68 5.7 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 88.454 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.018 min

Lab File: BF139575.D

Acq: 30 Sep 2024 13:24

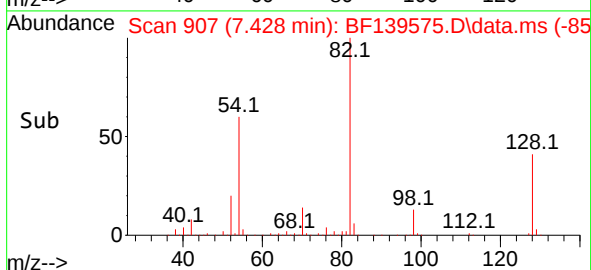
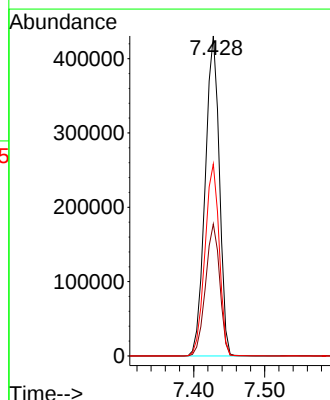
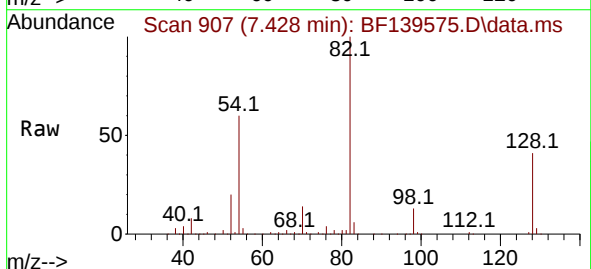
Tgt Ion: 82 Resp: 599857

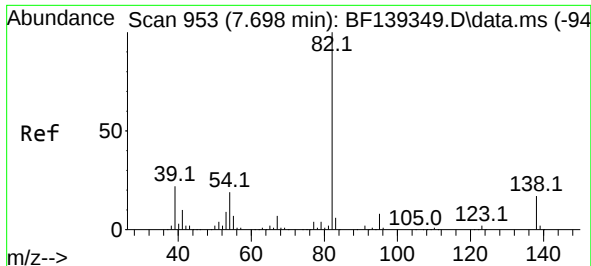
Ion Ratio Lower Upper

82 100

128 41.3 31.8 47.6

54 60.0 50.6 75.8

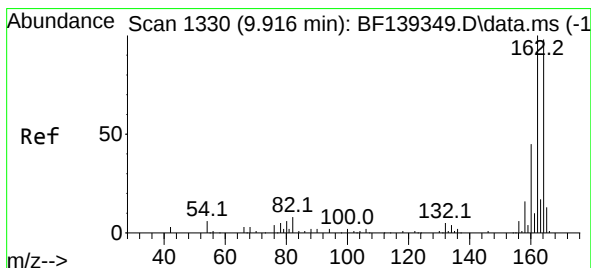
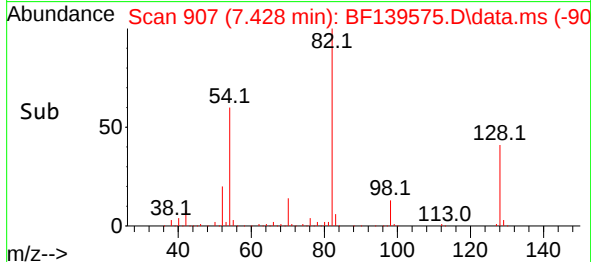
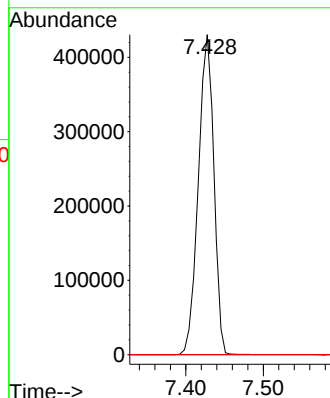
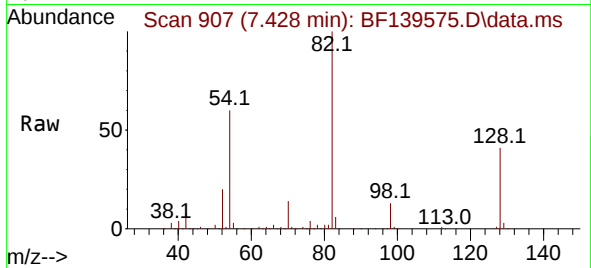




#25
Isophorone
Concen: 55.783 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

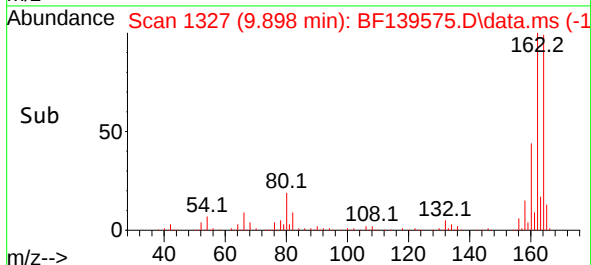
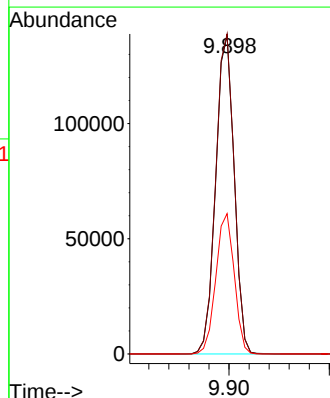
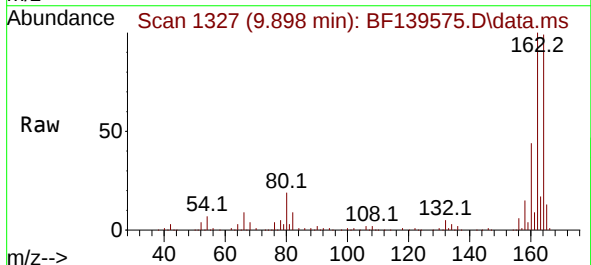
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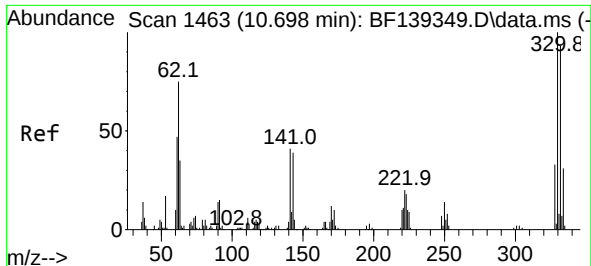
Tgt Ion: 82 Resp: 598277
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion:164 Resp: 176538
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 119.757 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.012 min

Lab File: BF139575.D

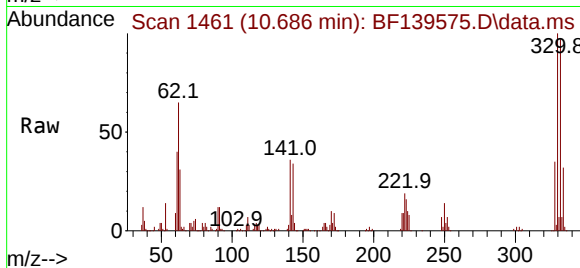
Acq: 30 Sep 2024 13:24

Instrument :

BNA_F

ClientSampleId :

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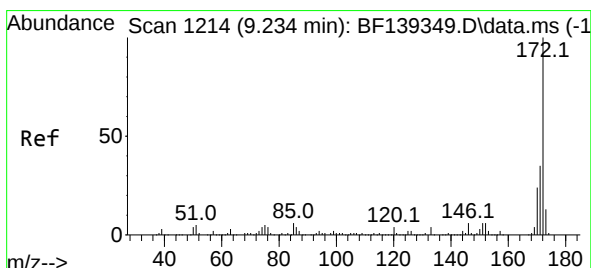
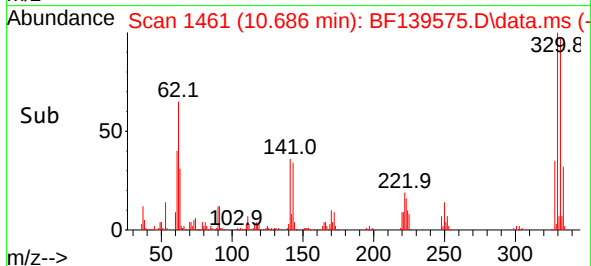
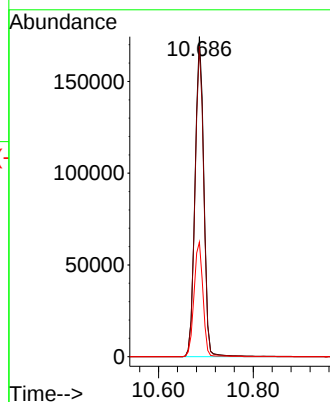
Tgt Ion:330 Resp: 225079

Ion Ratio Lower Upper

330 100

332 96.8 75.2 112.8

141 36.4 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 87.432 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.018 min

Lab File: BF139575.D

Acq: 30 Sep 2024 13:24

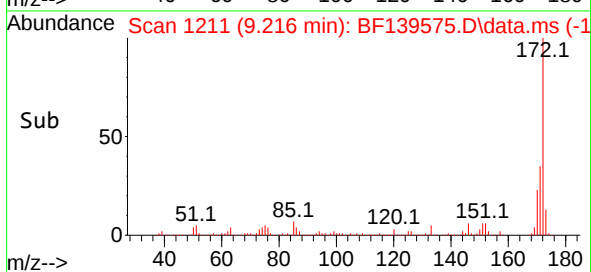
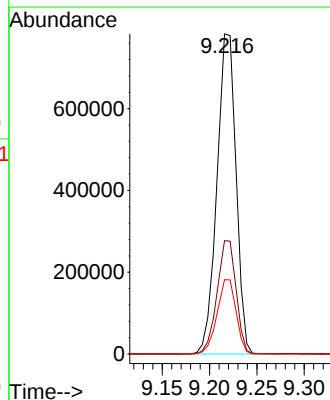
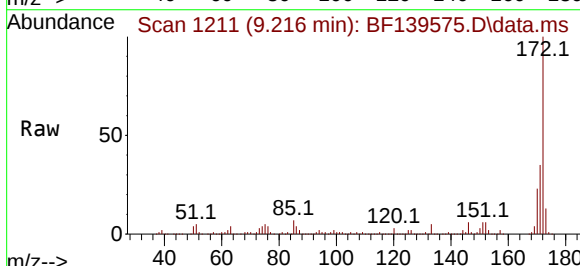
Tgt Ion:172 Resp: 1100524

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.2 19.0 28.6

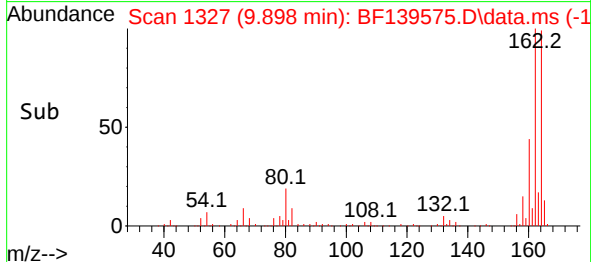
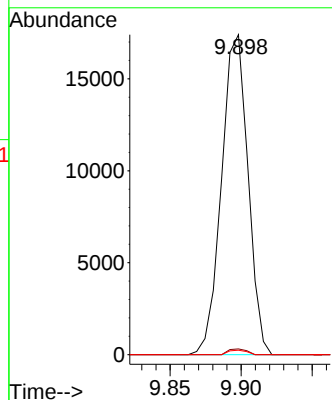
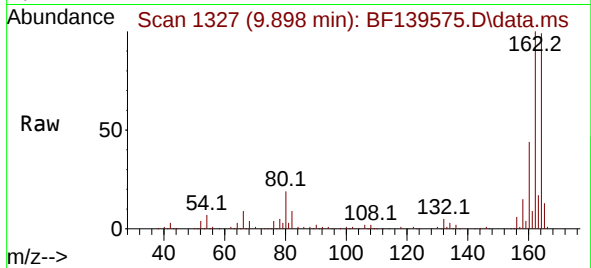




#51
2,6-Dinitrotoluene
Concen: 8.771 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

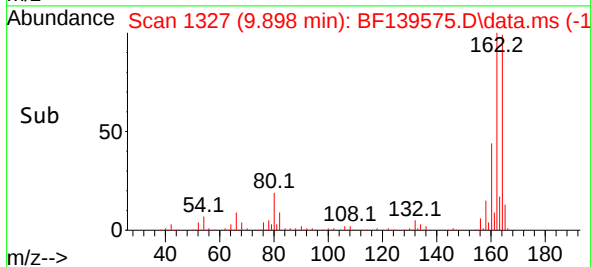
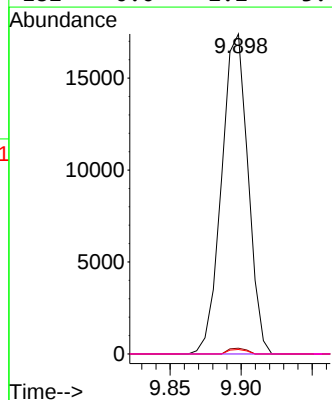
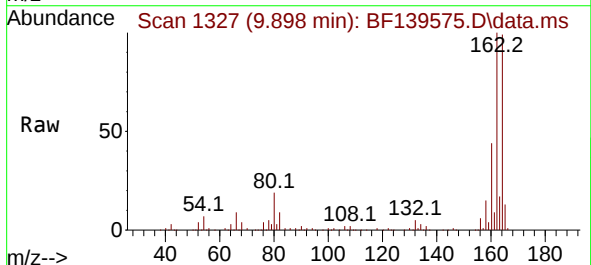
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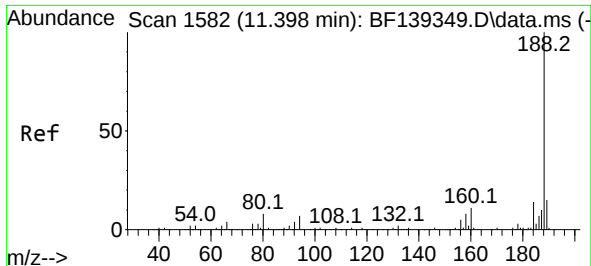
Tgt Ion:165 Resp: 22513
Ion Ratio Lower Upper
165 100
63 1.8 60.9 91.3#
89 1.4 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.496 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.200 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion:165 Resp: 22513
Ion Ratio Lower Upper
165 100
63 1.8 47.8 71.6#
89 1.4 66.7 100.1#
182 0.0 2.2 3.4#

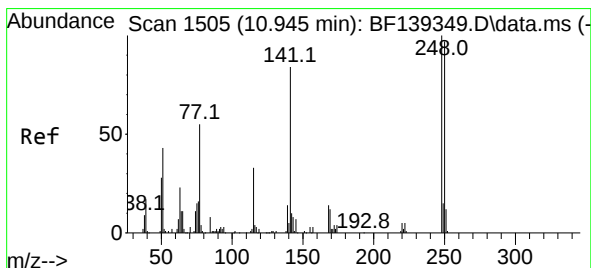
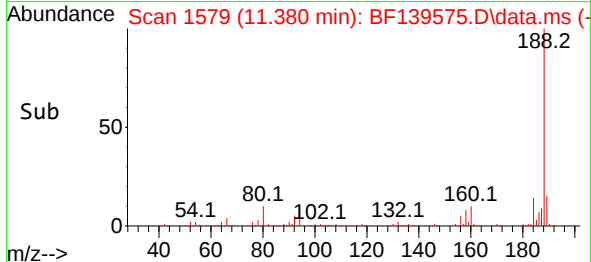
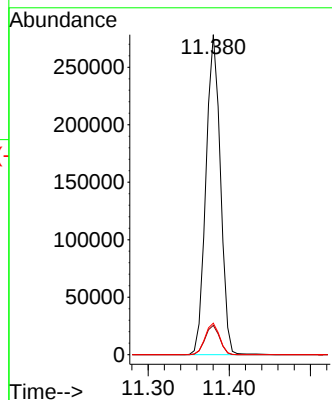
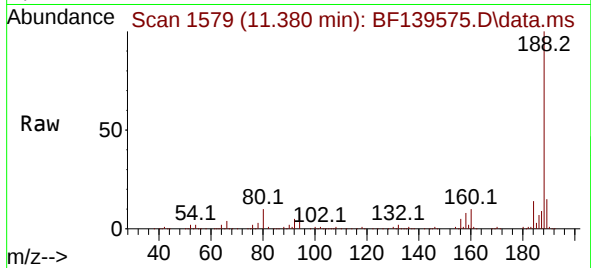




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

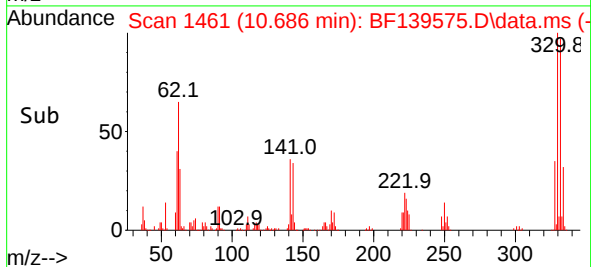
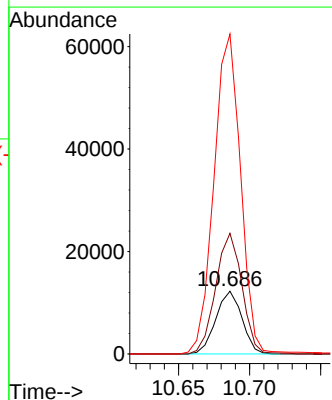
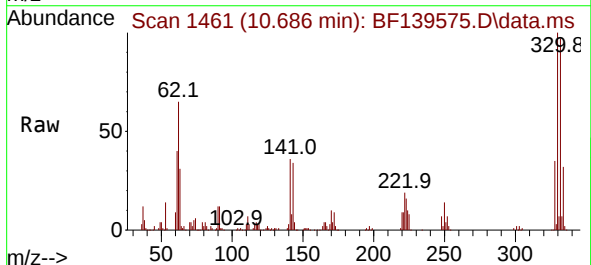
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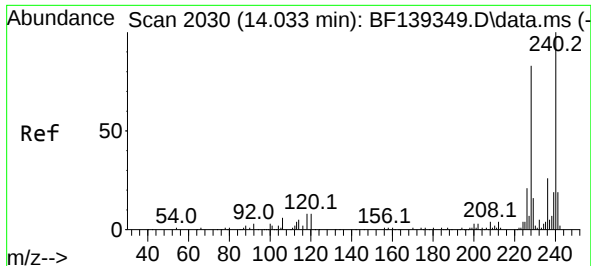
Tgt Ion:188 Resp: 343782
Ion Ratio Lower Upper
188 100
94 9.2 5.5 8.3#
80 9.8 6.6 9.8#



#67
4-Bromophenyl-phenylether
Concen: 4.597 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.259 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

Tgt Ion:248 Resp: 15661
Ion Ratio Lower Upper
248 100
250 192.3 77.6 116.4#
141 510.2 66.9 100.3#

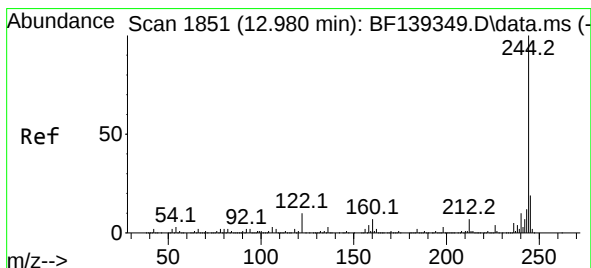
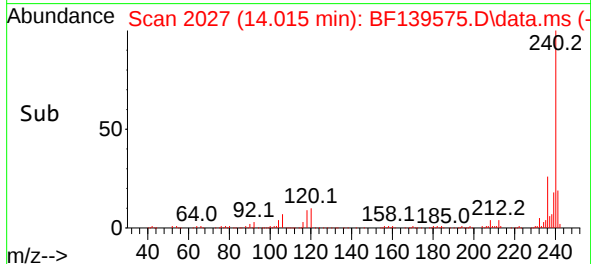
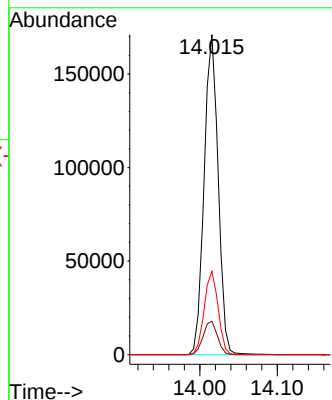
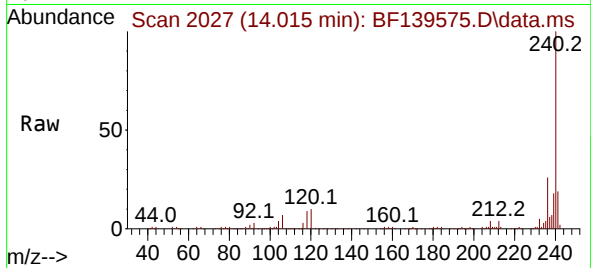




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

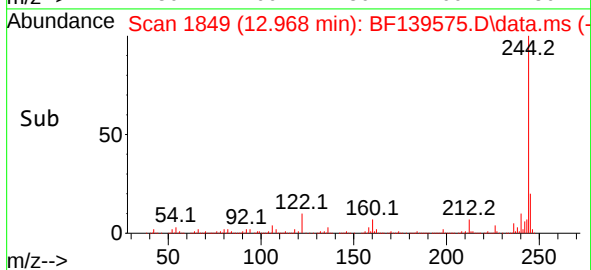
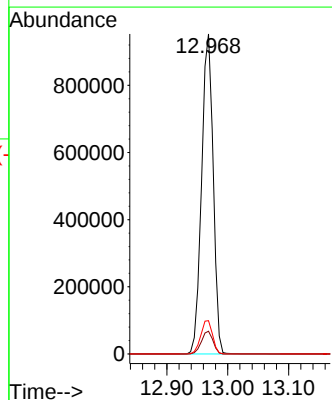
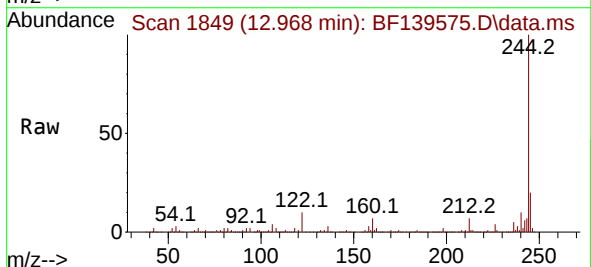
Instrument :
BNA_F
ClientSampleId :
PB163688TB

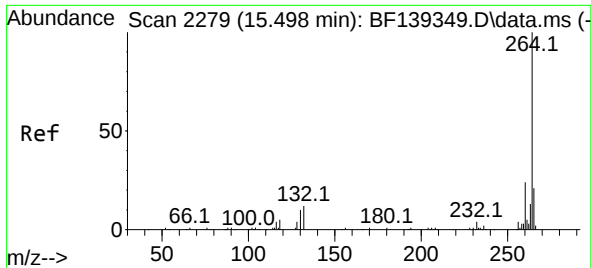
Tgt Ion:240 Resp: 215192
Ion Ratio Lower Upper
240 100
120 10.4 6.2 9.2#
236 26.0 20.9 31.3



#79
Terphenyl-d14
Concen: 96.197 ng
RT: 12.968 min Scan# 1849
Delta R.T. -0.012 min
Lab File: BF139575.D
Acq: 30 Sep 2024 13:24

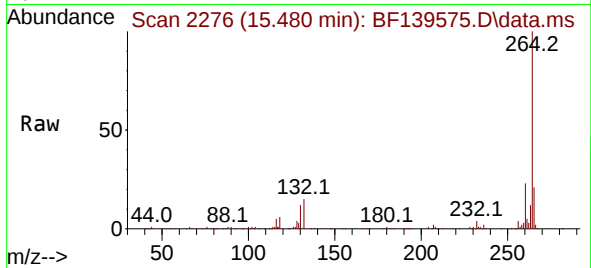
Tgt Ion:244 Resp: 1261174
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 10.4 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF139575.D
 Acq: 30 Sep 2024 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB163688TB



Tgt Ion:264 Resp: 169799
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.3 16.6 25.0

