

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101624\
 Data File : BF139827.D
 Acq On : 16 Oct 2024 13:10
 Operator : RC/JU
 Sample : P4400-01 3X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-101424

Quant Time: Oct 16 13:35:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

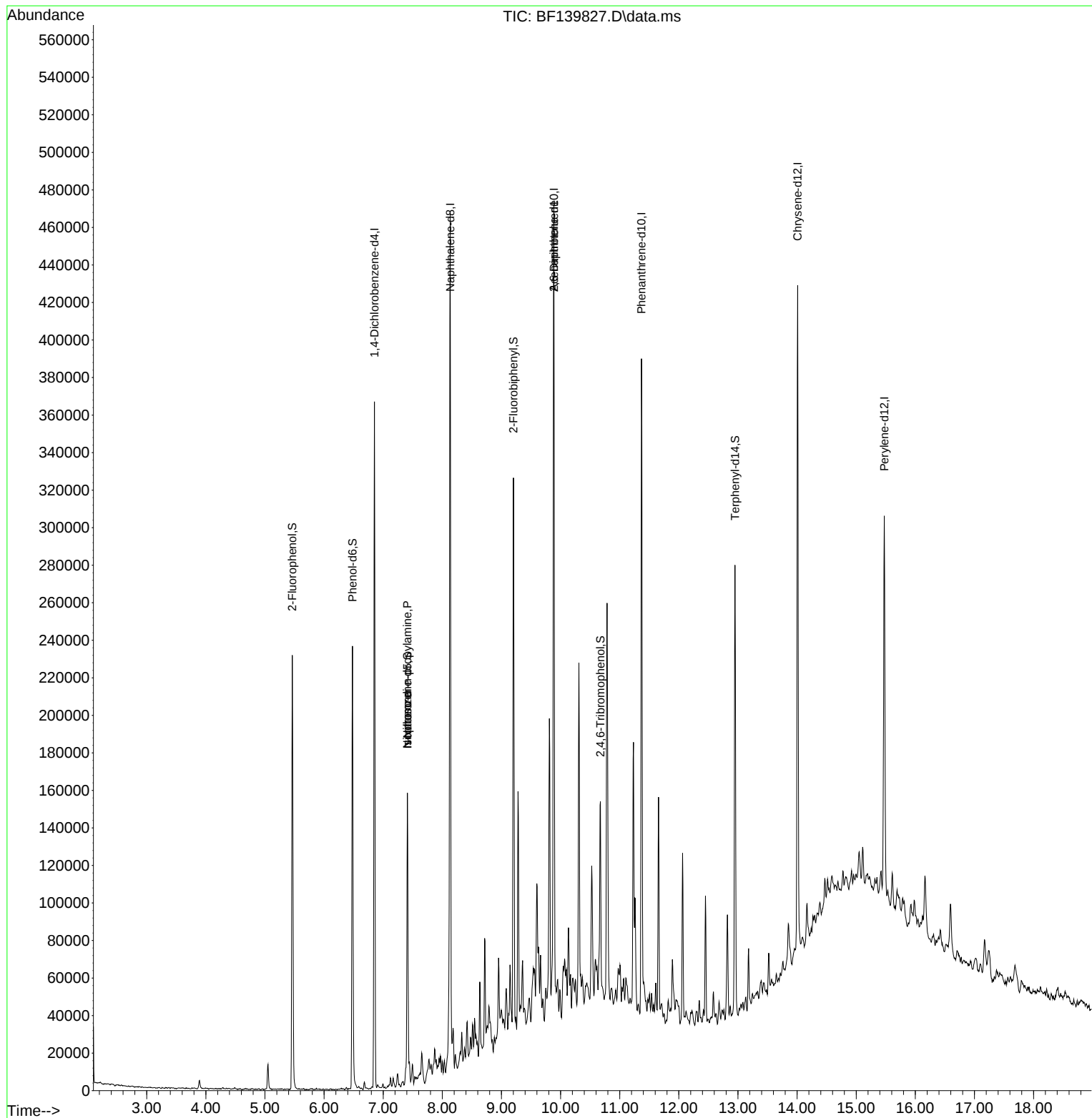
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	74167	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	267091	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	123394	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	181270	20.000	ng	0.00
76) Chrysene-d12	14.010	240	161911	20.000	ng	0.00
86) Perylene-d12	15.474	264	112710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	83508	18.998	ng	-0.01
7) Phenol-d6	6.481	99	107818	18.444	ng	-0.01
23) Nitrobenzene-d5	7.410	82	65115	12.548	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	16659	16.008	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	125512	15.214	ng	0.00
79) Terphenyl-d14	12.951	244	108055	5.175	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	9158	2.690	ng	# 79
25) Isophorone	7.410	82	64138	7.242	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	18127	10.518	ng	# 23

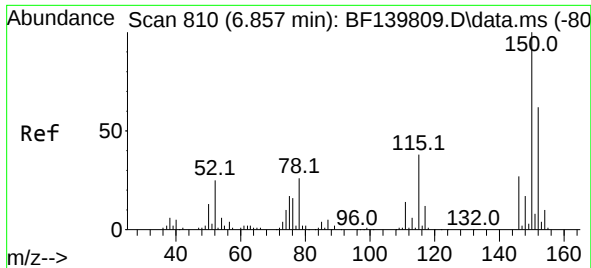
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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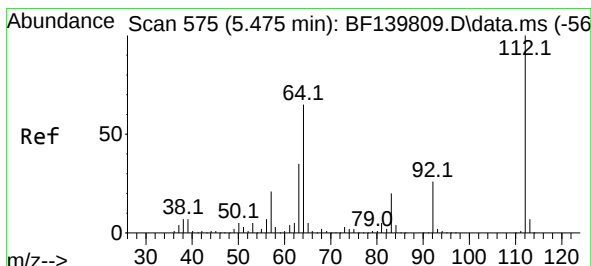
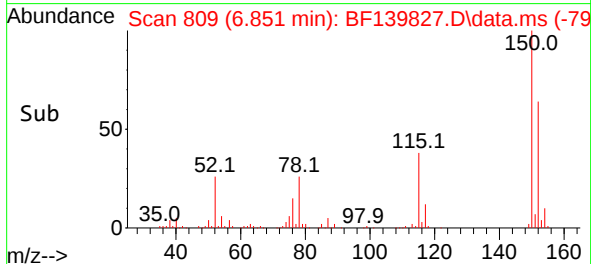
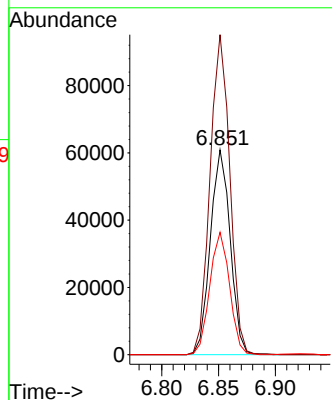
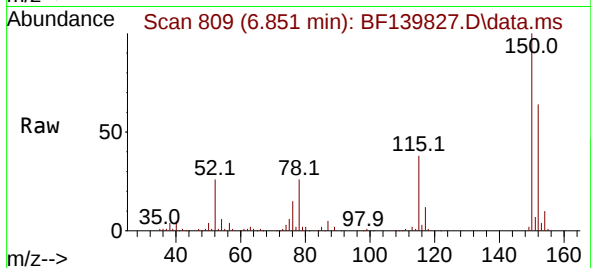




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

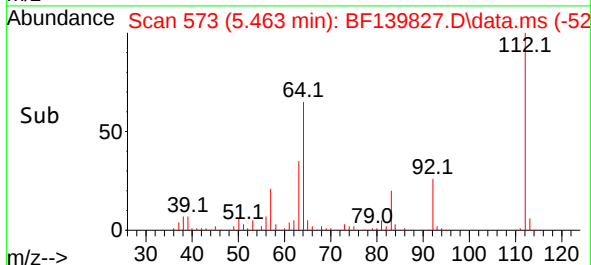
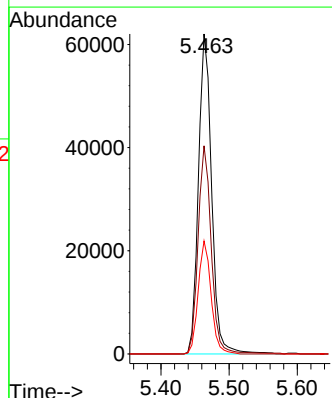
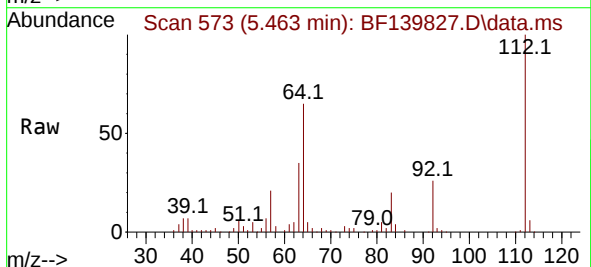
Instrument :
BNA_F
ClientSampleId :
NB-08-101424

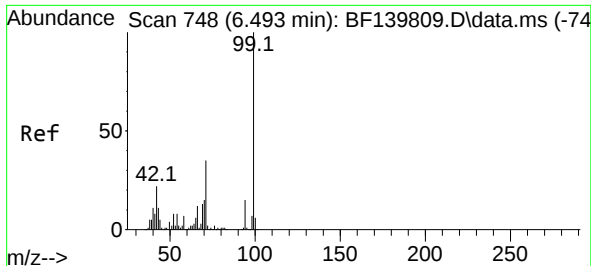
Tgt Ion:152 Resp: 74167
Ion Ratio Lower Upper
152 100
150 156.2 128.2 192.2
115 59.8 48.1 72.1



#5
2-Fluorophenol
Concen: 18.998 ng
RT: 5.463 min Scan# 573
Delta R.T. -0.012 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

Tgt Ion:112 Resp: 83508
Ion Ratio Lower Upper
112 100
64 65.1 52.1 78.1
63 35.3 27.6 41.4

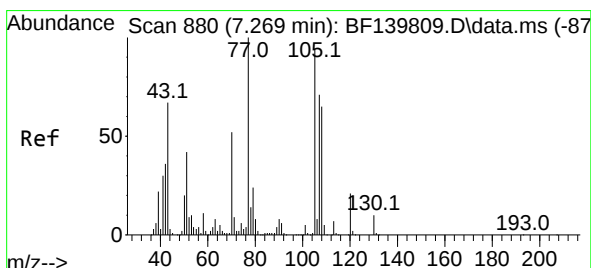
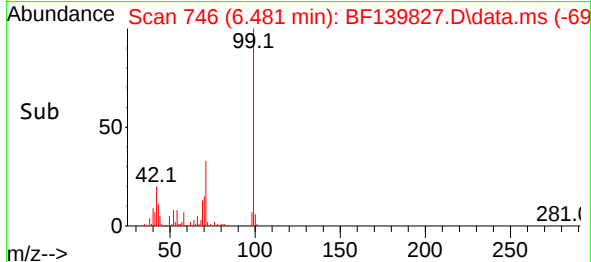
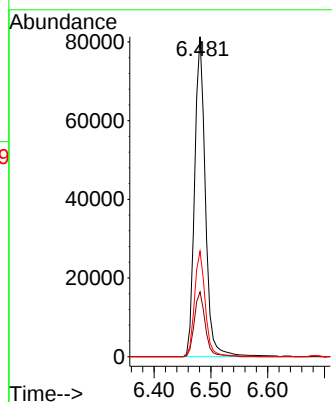
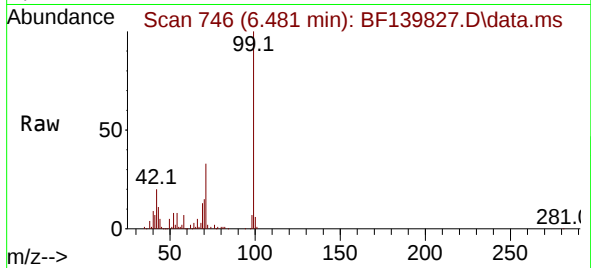




#7
Phenol-d6
Concen: 18.444 ng
RT: 6.481 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

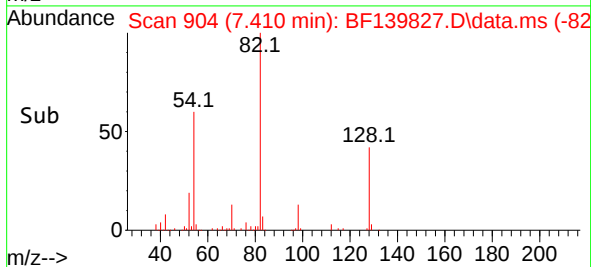
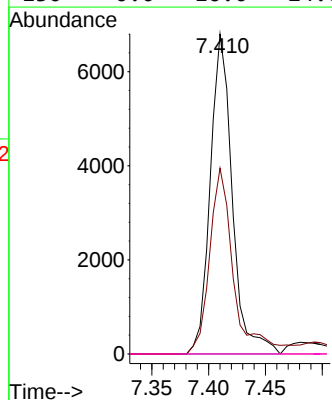
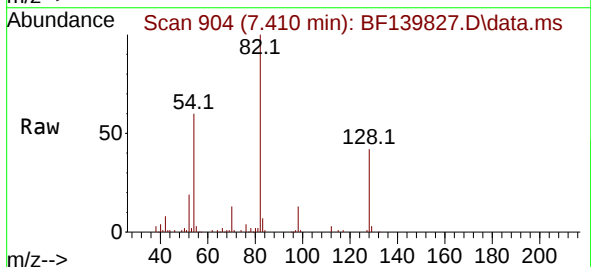
Instrument :
BNA_F
ClientSampleId :
NB-08-101424

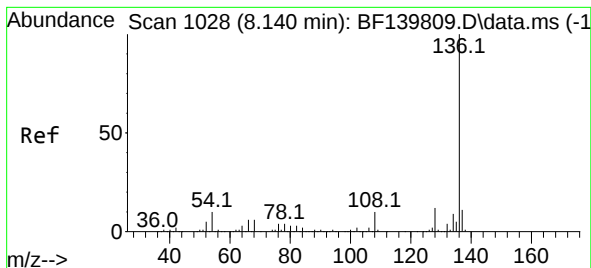
Tgt Ion: 99 Resp: 107818
Ion Ratio Lower Upper
99 100
42 20.2 17.3 25.9
71 32.9 27.8 41.6



#19
n-Nitroso-di-n-propylamine
Concen: 2.690 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.141 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

Tgt Ion: 70 Resp: 9158
Ion Ratio Lower Upper
70 100
42 58.1 55.8 83.6
101 0.0 7.4 11.0#
130 0.0 16.0 24.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 1

Delta R.T. -0.007 min

Lab File: BF139827.D

Acq: 16 Oct 2024 13:10

Instrument :

BNA_F

ClientSampleId :

NB-08-101424

Tgt Ion:136 Resp: 267091

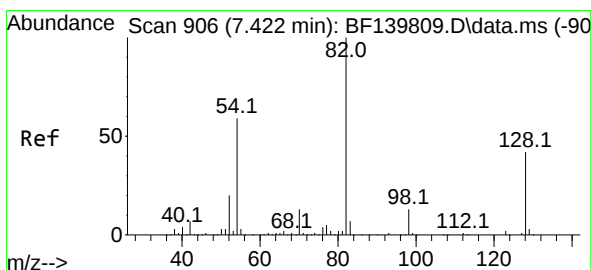
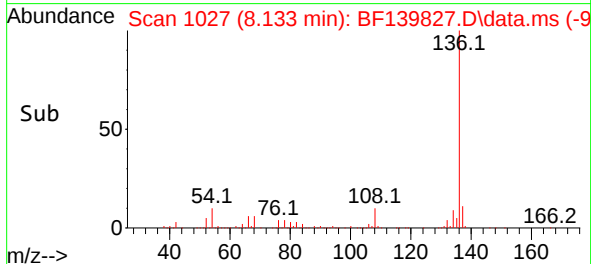
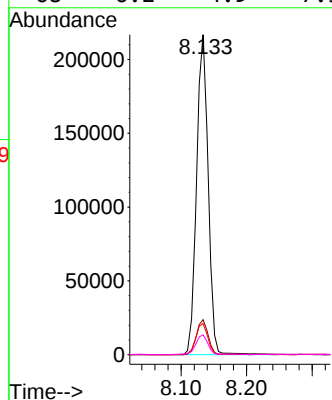
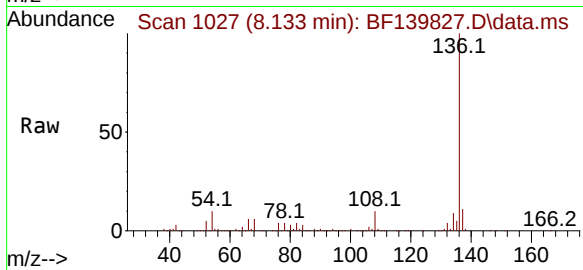
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.8 7.7 11.5

68 6.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 12.548 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139827.D

Acq: 16 Oct 2024 13:10

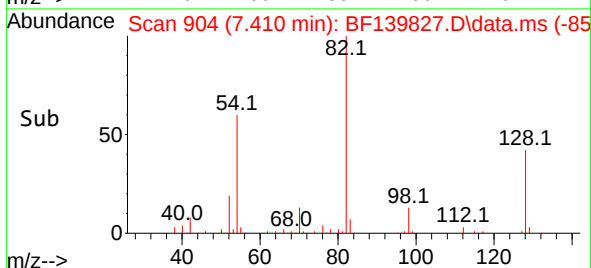
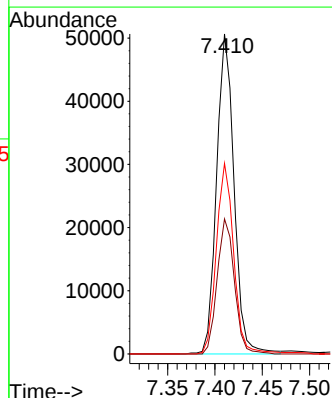
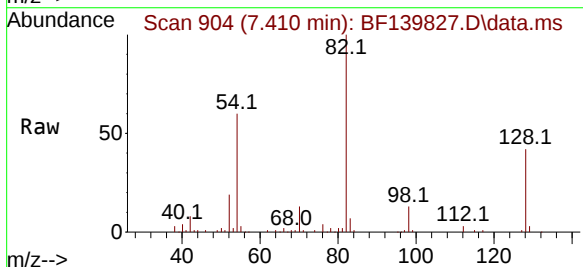
Tgt Ion: 82 Resp: 65115

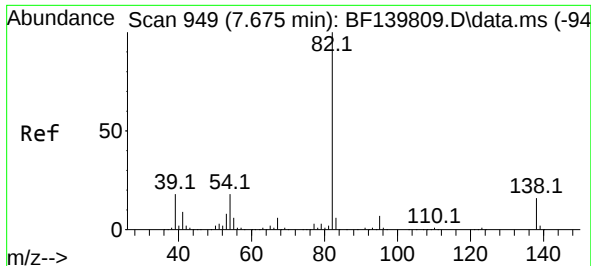
Ion Ratio Lower Upper

82 100

128 42.2 33.9 50.9

54 59.5 46.9 70.3

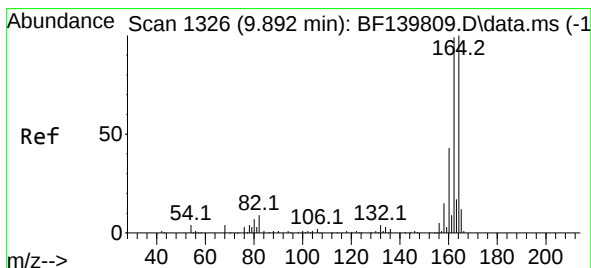
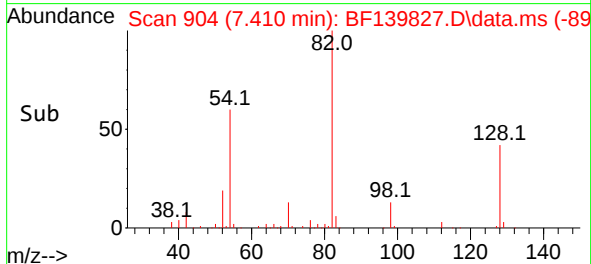
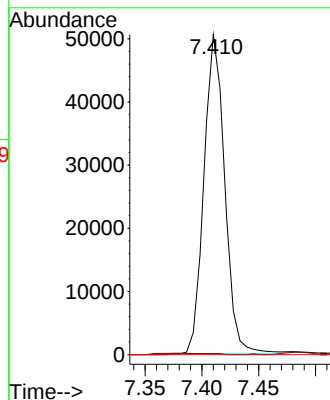
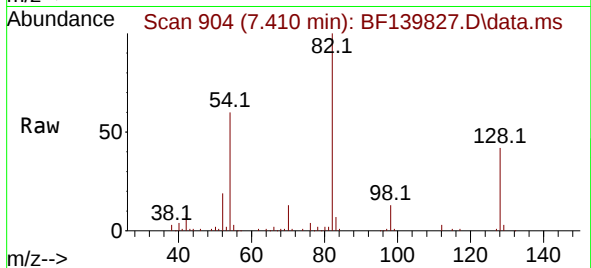




#25
Isophorone
Concen: 7.242 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.265 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

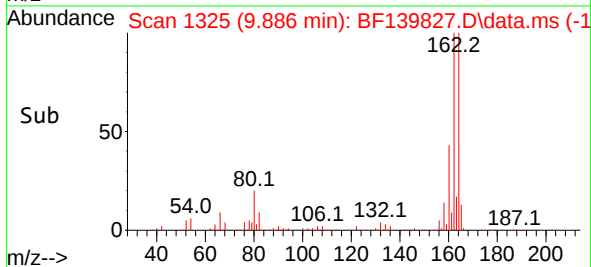
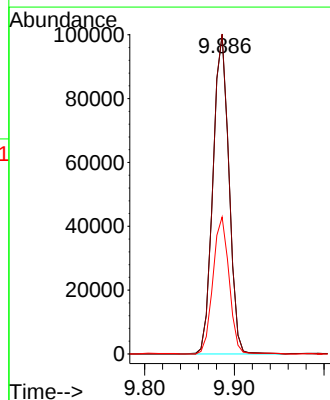
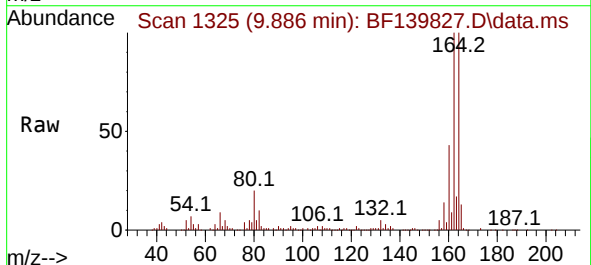
Instrument :
BNA_F
ClientSampleId :
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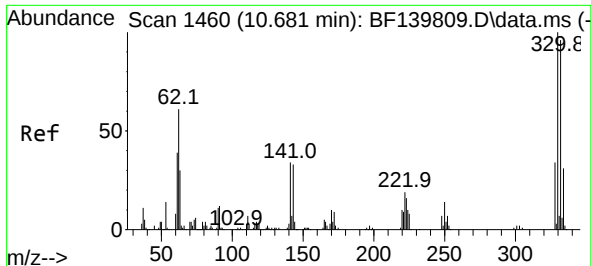
Tgt Ion: 82 Resp: 64138
Ion Ratio Lower Upper
82 100
95 0.4 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

Tgt Ion:164 Resp: 123394
Ion Ratio Lower Upper
164 100
162 100.5 79.1 118.7
160 43.0 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 16.008 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF139827.D

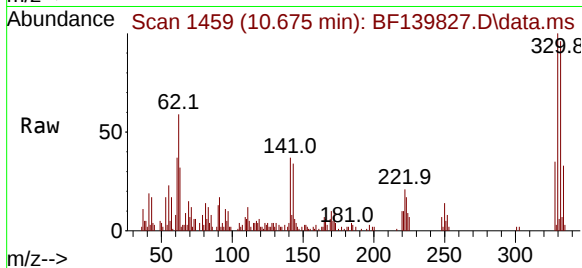
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Instrument :

BNA_F

ClientSampleId :

NB-08-101424



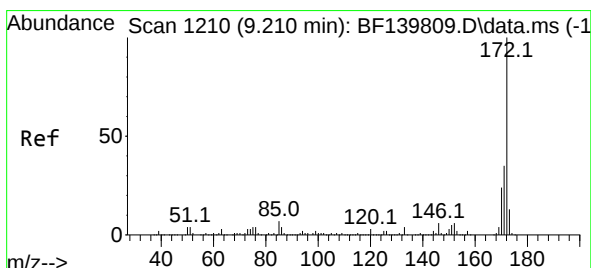
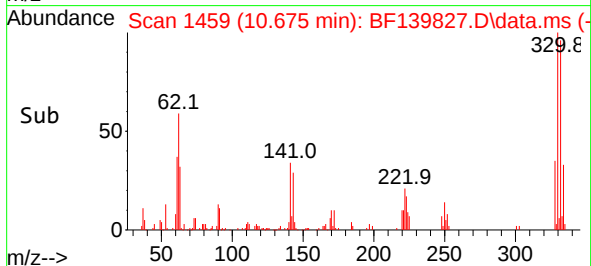
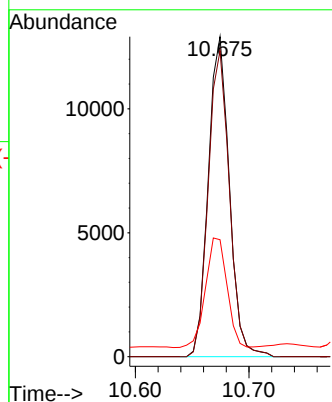
Tgt Ion:330 Resp: 16659

Ion Ratio Lower Upper

330 100

332 96.4 76.6 114.8

141 35.0 27.8 41.6



#45

2-Fluorobiphenyl

Concen: 15.214 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF139827.D

Acq: 16 Oct 2024 13:10

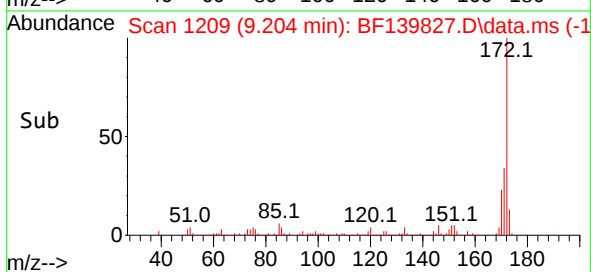
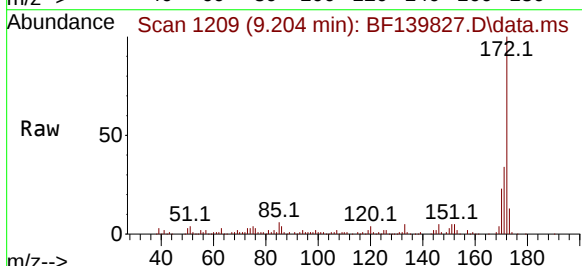
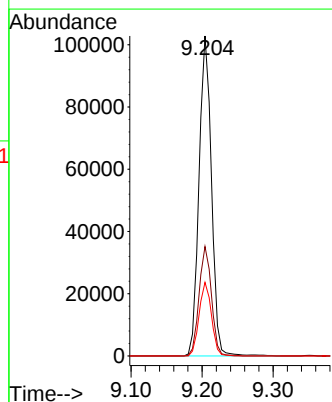
Tgt Ion:172 Resp: 125512

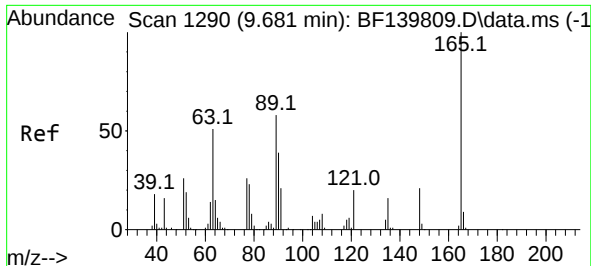
Ion Ratio Lower Upper

172 100

171 34.2 28.2 42.2

170 23.0 18.9 28.3

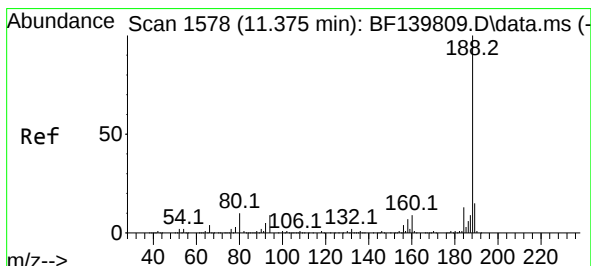
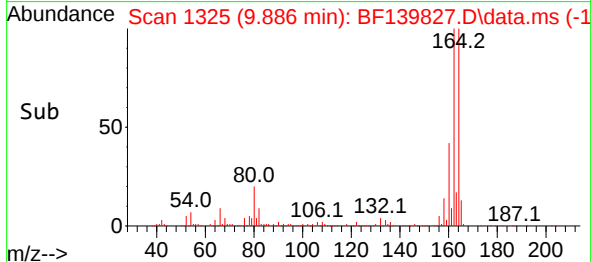
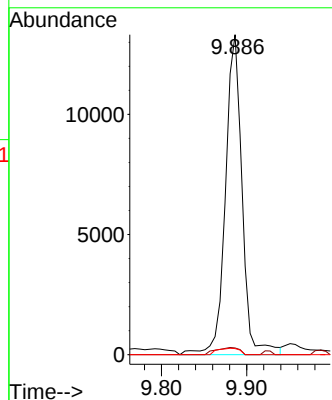
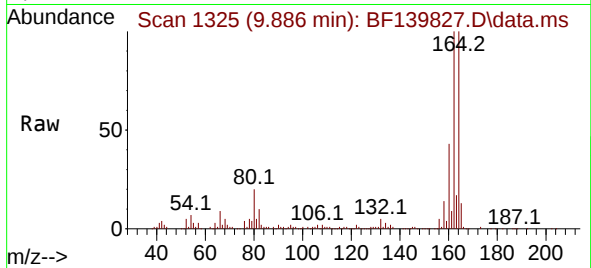




#51
2,6-Dinitrotoluene
Concen: 10.518 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

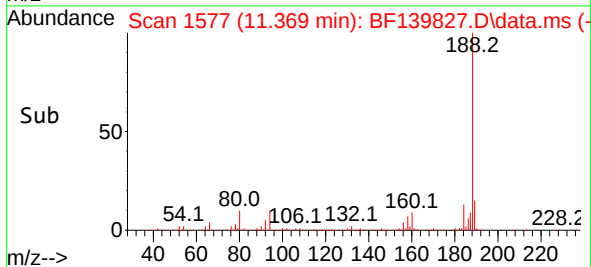
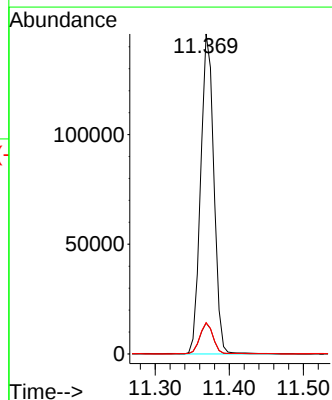
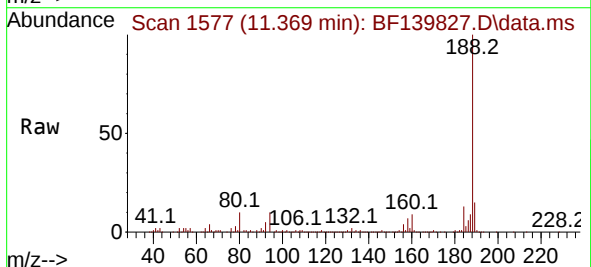
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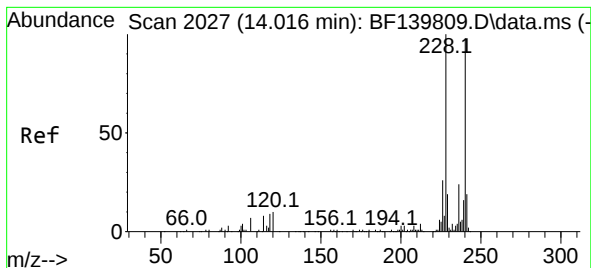
Tgt Ion:165 Resp: 18127
Ion Ratio Lower Upper
165 100
63 2.1 50.0 75.0#
89 1.9 46.8 70.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

Tgt Ion:188 Resp: 181270
Ion Ratio Lower Upper
188 100
94 9.7 7.3 10.9
80 9.8 7.8 11.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139827.D

Acq: 16 Oct 2024 13:10

Instrument :

BNA_F

ClientSampleId :

NB-08-101424

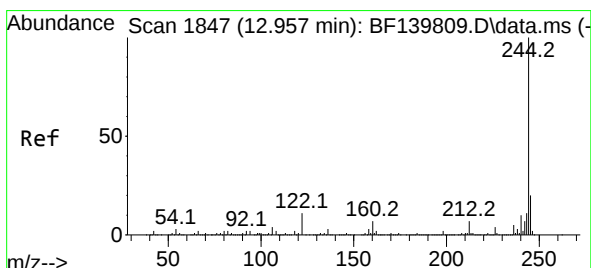
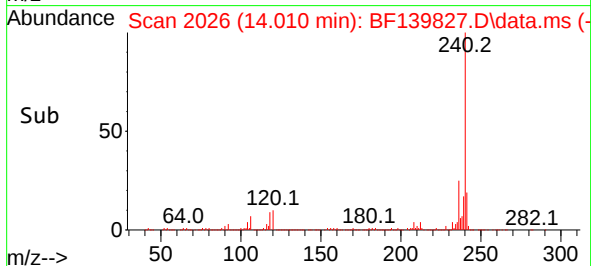
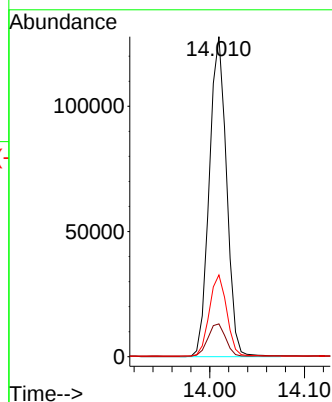
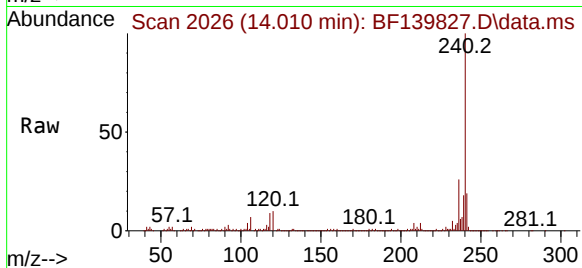
Tgt Ion:240 Resp: 161911

Ion Ratio Lower Upper

240 100

120 10.3 8.6 12.8

236 25.6 20.0 30.0



#79

Terphenyl-d14

Concen: 5.175 ng

RT: 12.951 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BF139827.D

Acq: 16 Oct 2024 13:10

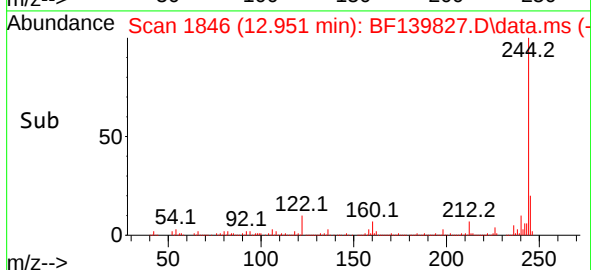
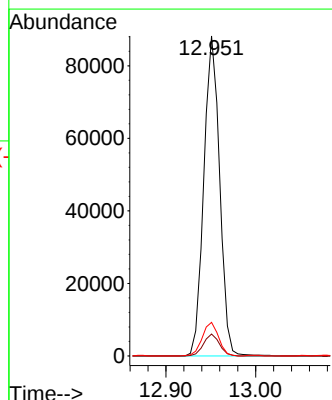
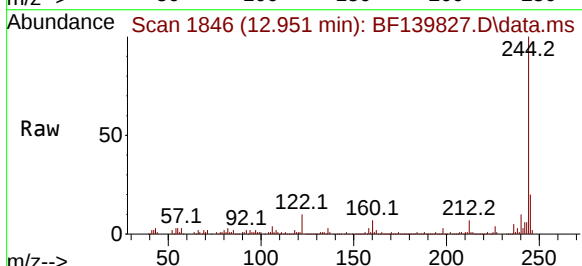
Tgt Ion:244 Resp: 108055

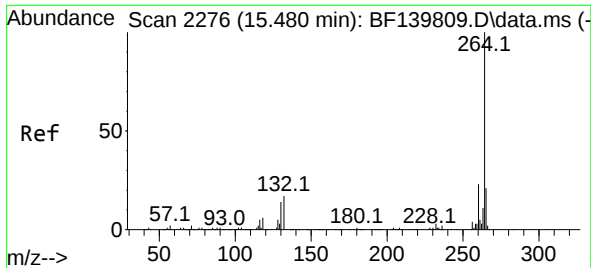
Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

122 10.5 8.9 13.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139827.D
Acq: 16 Oct 2024 13:10

Instrument :
BNA_F
ClientSampleId :
NB-08-101424

Tgt Ion:264 Resp: 112710

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.8	28.2
265	21.4	17.2	25.8

