

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139034.D
 Acq On : 15 Aug 2024 21:14
 Operator : RC/JU
 Sample : P3475-01RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-S0-0-0.5-080524

Quant Time: Aug 16 00:28:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

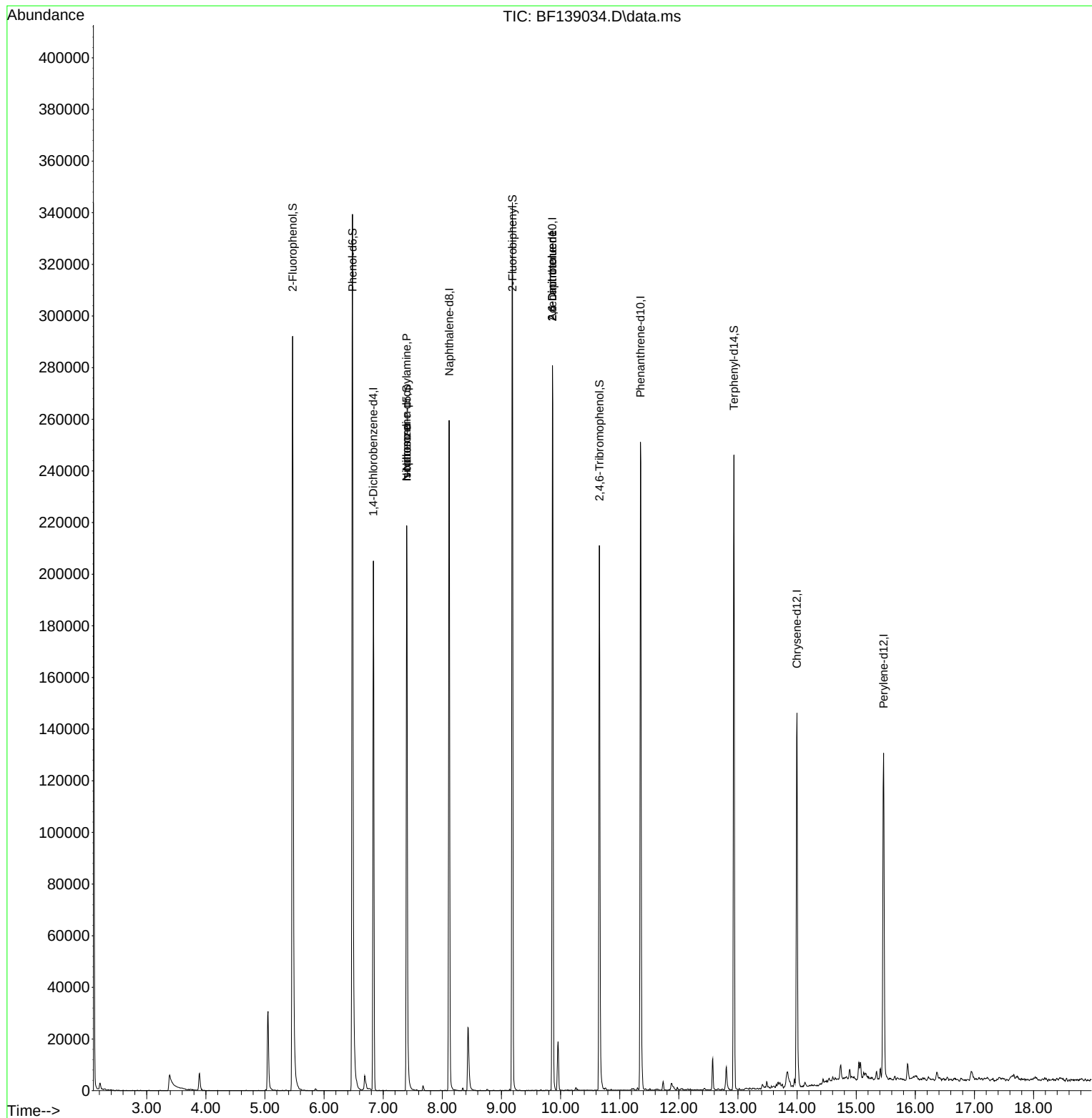
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	38760	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	154054	20.000	ng	#-0.01
39) Acenaphthene-d10	9.863	164	81517	20.000	ng	-0.02
64) Phenanthrene-d10	11.351	188	134152	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	66522	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	75058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	107935	42.986	ng	0.00
7) Phenol-d6	6.481	99	153974	45.674	ng	0.00
23) Nitrobenzene-d5	7.398	82	95344	30.259	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	30479	45.645	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	142934	26.345	ng	-0.02
79) Terphenyl-d14	12.933	244	112397	28.289	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	13246	6.505	ng	# 80
25) Isophorone	7.398	82	95343	17.720	ng	# 66
51) 2,6-Dinitrotoluene	9.863	165	10426	8.863	ng	# 19
57) 2,4-Dinitrotoluene	9.863	165	10426	6.947	ng	# 16

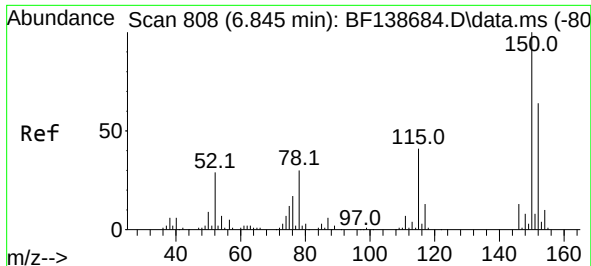
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

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S-866-N-S0-0-0.5-080524

Quant Time: Aug 16 00:28:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

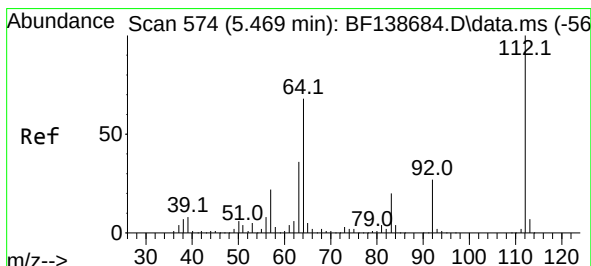
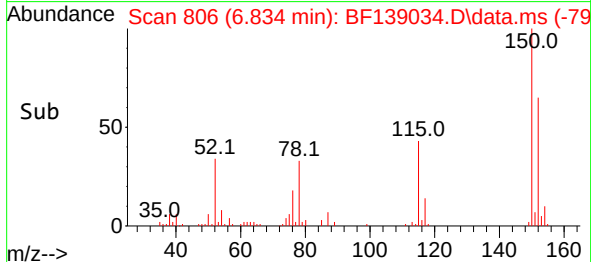
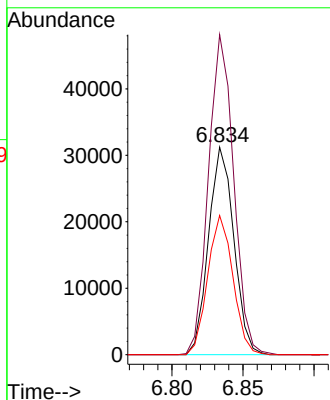
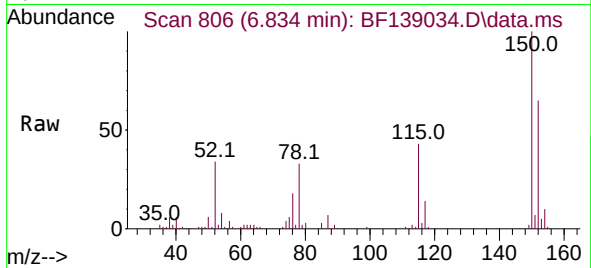




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

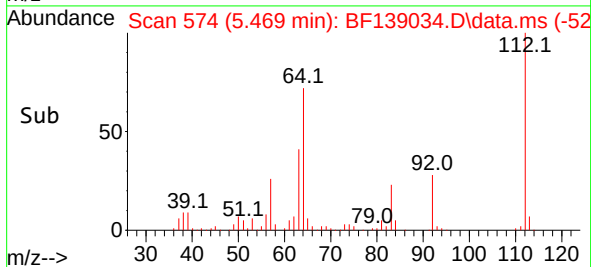
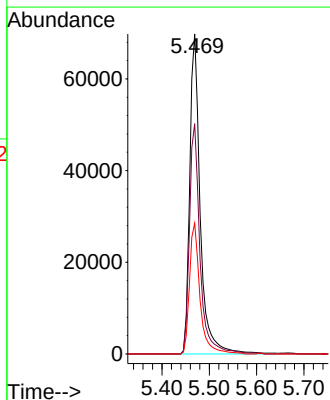
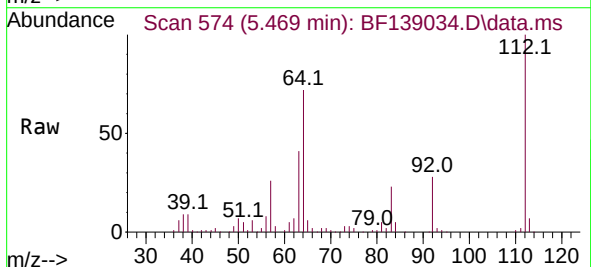
Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-0-0.5-080524

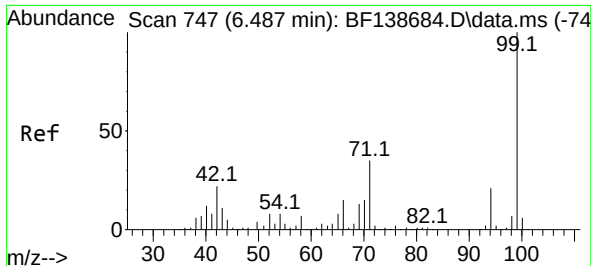
Tgt Ion:152 Resp: 38760
Ion Ratio Lower Upper
152 100
150 154.2 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 42.986 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Tgt Ion:112 Resp: 107935
Ion Ratio Lower Upper
112 100
64 72.0 54.2 81.4
63 40.8 28.7 43.1

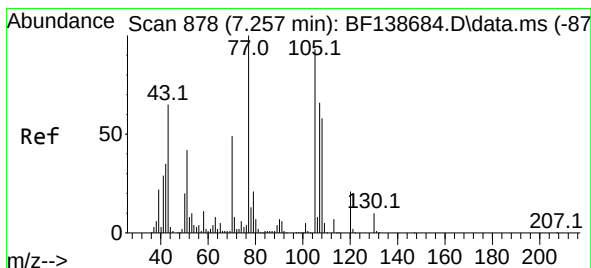
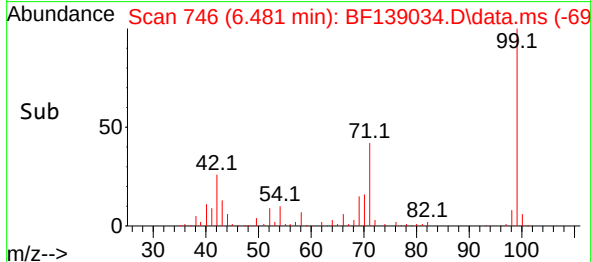
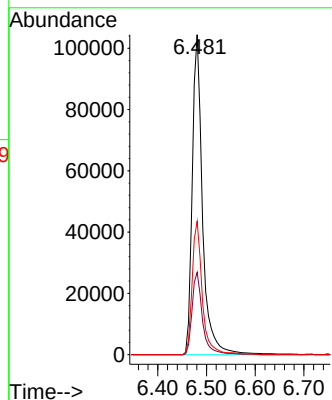
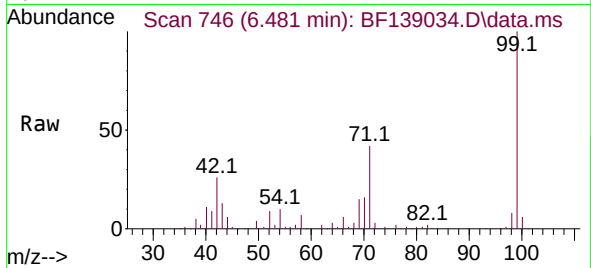




#7
Phenol-d6
Concen: 45.674 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

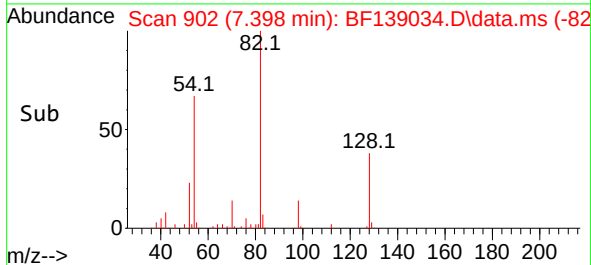
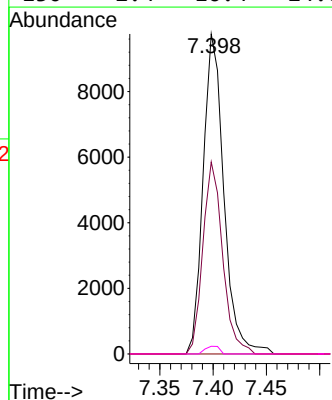
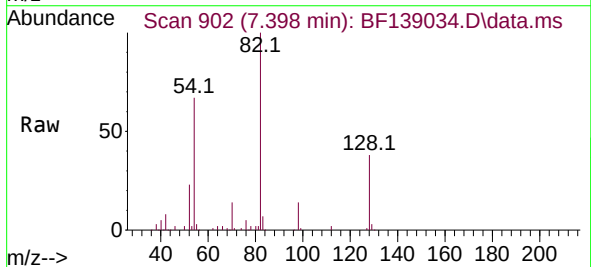
Instrument :
BNA_F
ClientSampleId :
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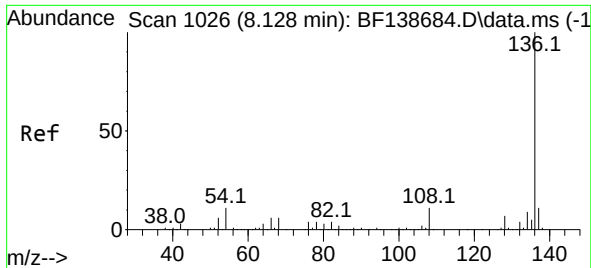
Tgt Ion: 99 Resp: 153974
Ion Ratio Lower Upper
99 100
42 25.7 17.4 26.0
71 41.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 6.505 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

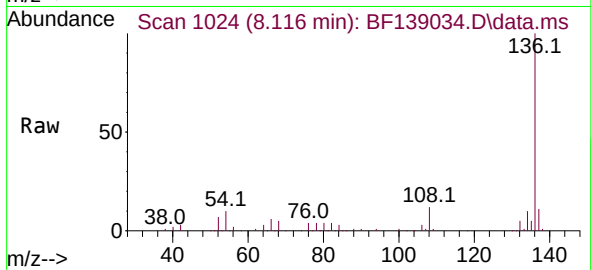
Tgt Ion: 70 Resp: 13246
Ion Ratio Lower Upper
70 100
42 60.0 57.4 86.0
101 0.0 7.5 11.3#
130 2.4 16.4 24.6#



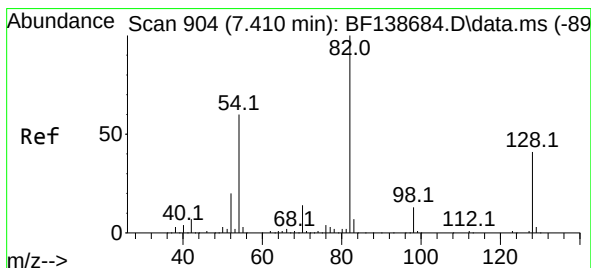
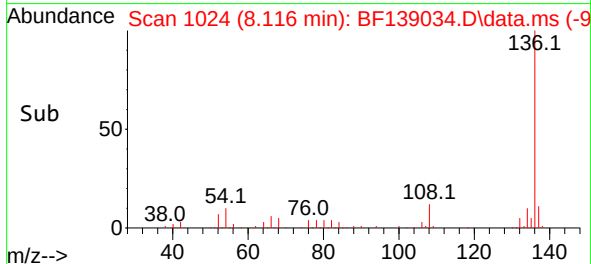
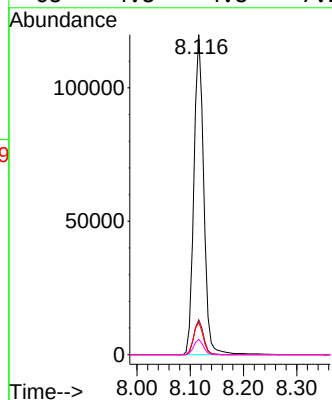


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Instrument :
BNA_F
ClientSampleId :
S-866-N-S0-0-0.5-080524

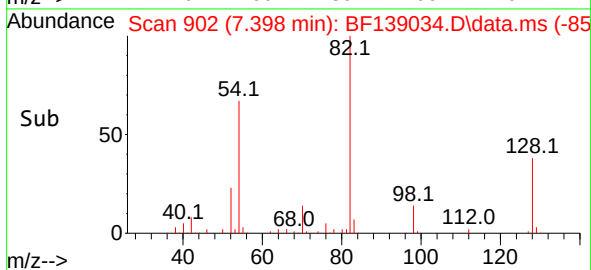
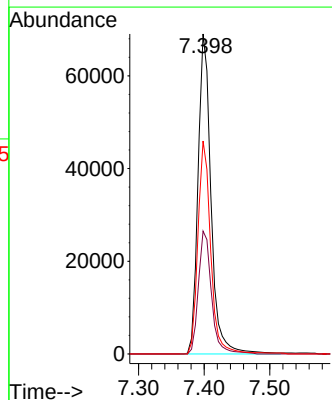
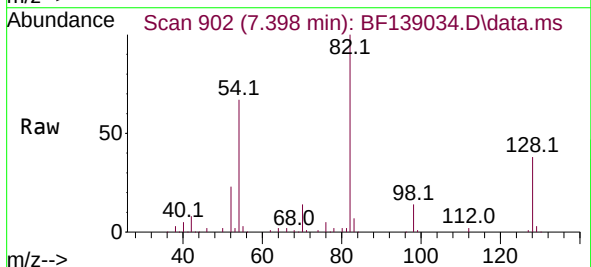


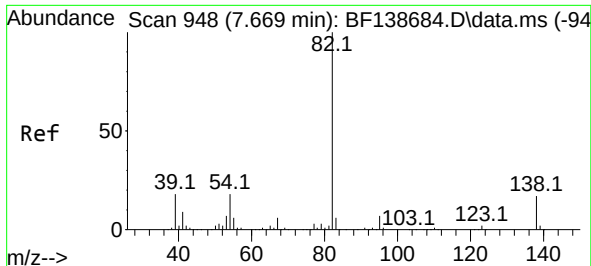
Tgt Ion:136 Resp: 154054
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 8.6 12.8
68 4.8 4.8 7.2#



#23
Nitrobenzene-d5
Concen: 30.259 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Tgt Ion: 82 Resp: 95344
Ion Ratio Lower Upper
82 100
128 38.4 32.8 49.2
54 66.6 48.3 72.5

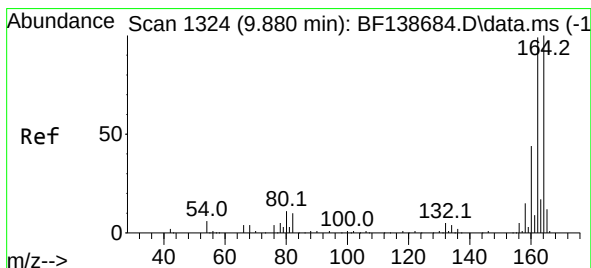
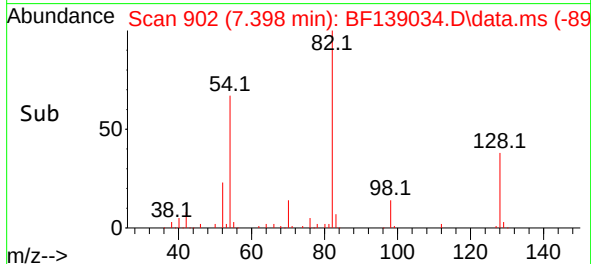
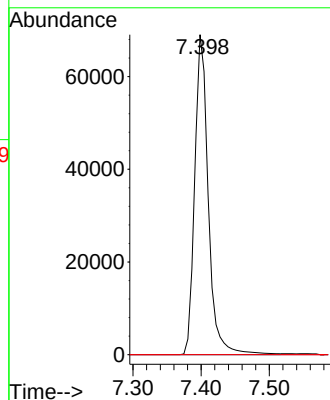
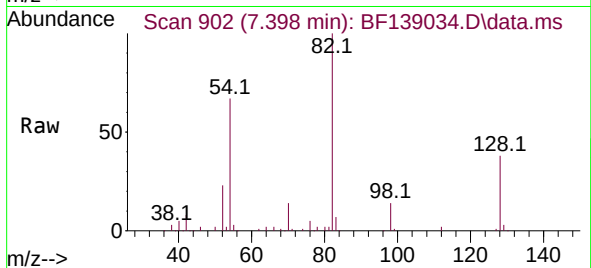




#25
Isophorone
Concen: 17.720 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

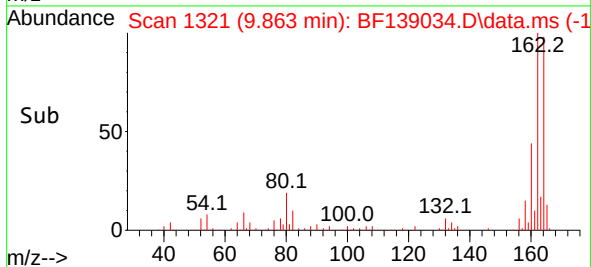
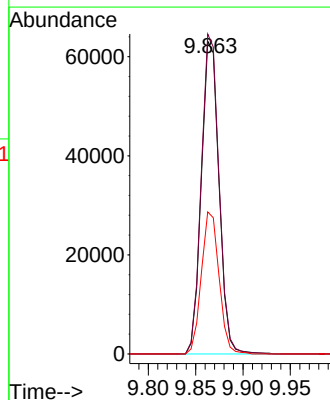
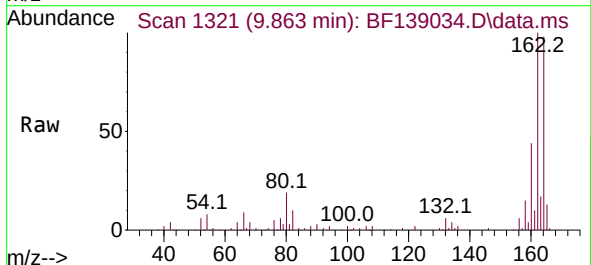
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ClientSampleId :
S-866-N-S0-0-0.5-080524

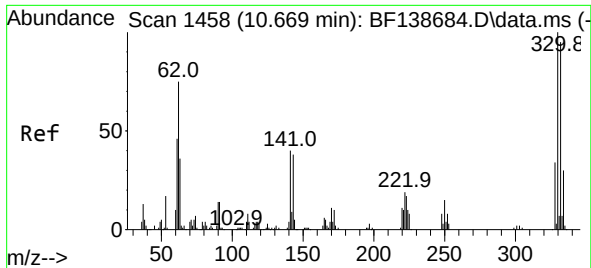
Tgt Ion: 82 Resp: 95343
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.017 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Tgt Ion: 164 Resp: 81517
Ion Ratio Lower Upper
164 100
162 102.3 79.4 119.0
160 45.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 45.645 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF139034.D

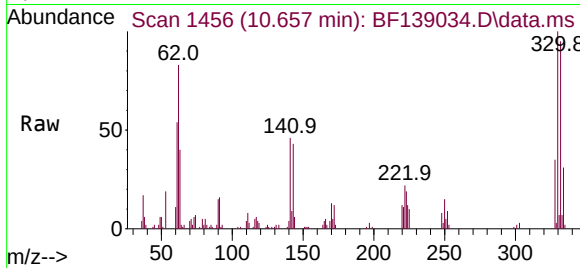
Acq: 15 Aug 2024 21:14

Instrument :

BNA_F

ClientSampleId :

S-866-N-S0-0-0.5-080524



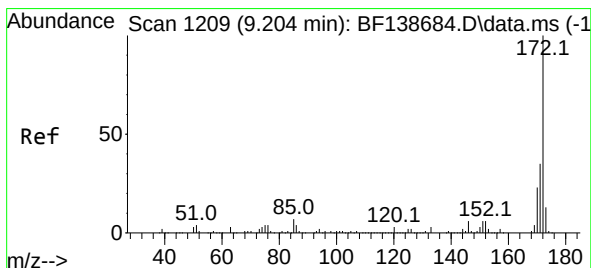
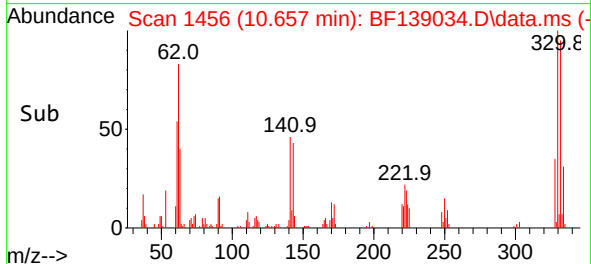
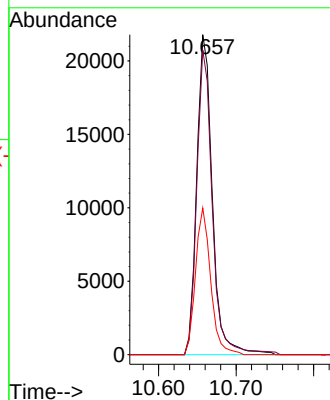
Tgt Ion:330 Resp: 30479

Ion Ratio Lower Upper

330 100

332 94.7 76.4 114.6

141 44.5 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 26.345 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139034.D

Acq: 15 Aug 2024 21:14

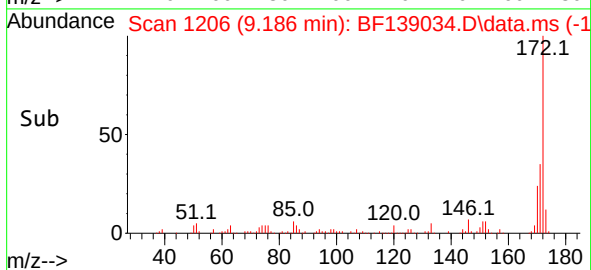
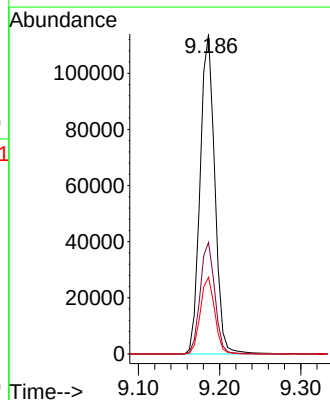
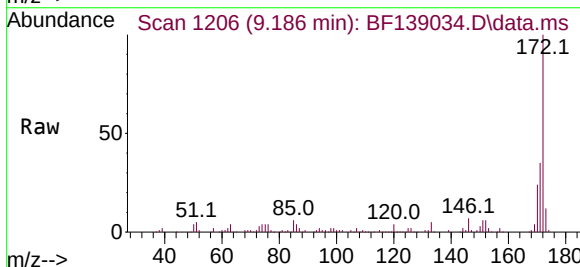
Tgt Ion:172 Resp: 142934

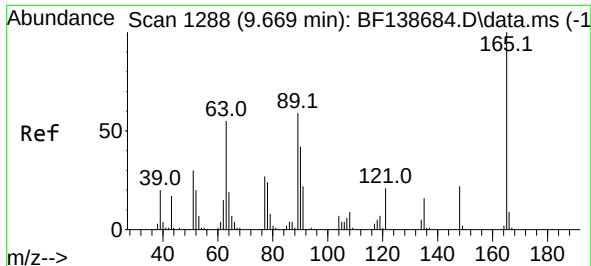
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 24.0 18.8 28.2

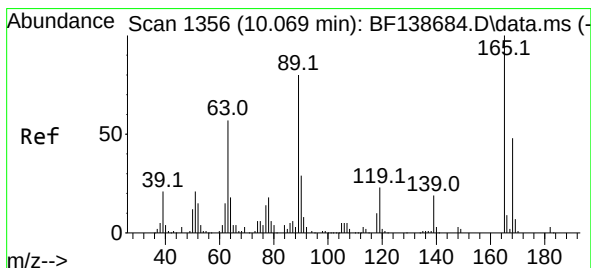
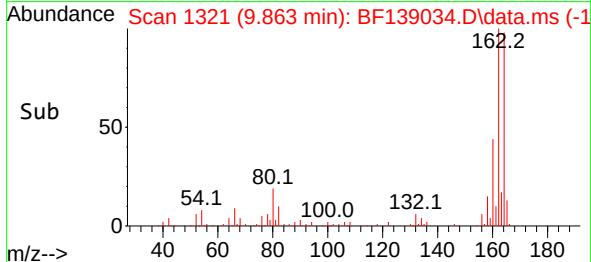
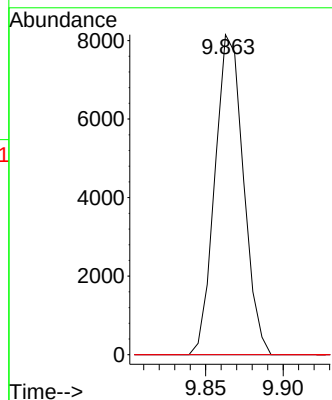
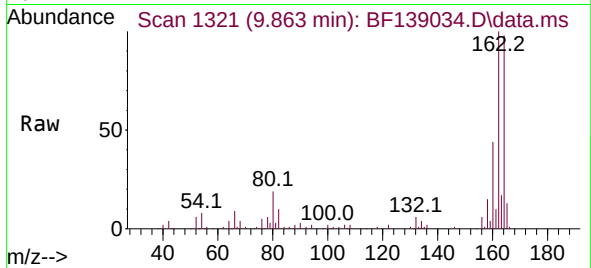




#51
2,6-Dinitrotoluene
Concen: 8.863 ng
RT: 9.863 min Scan# 1321
Delta R.T. 0.194 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

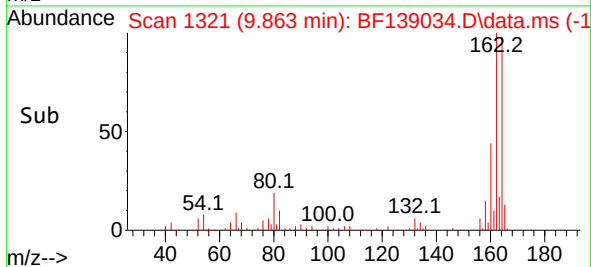
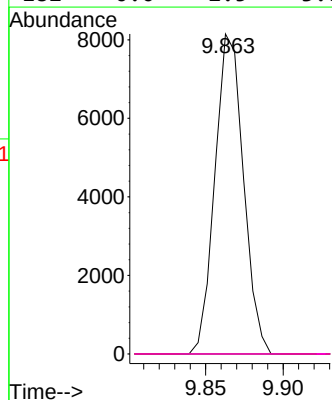
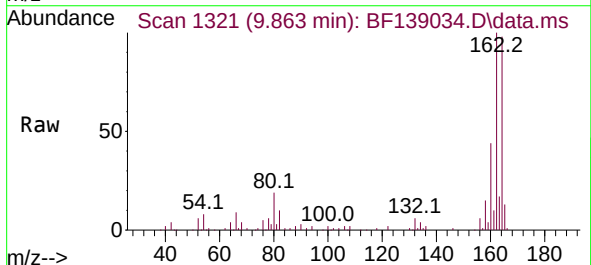
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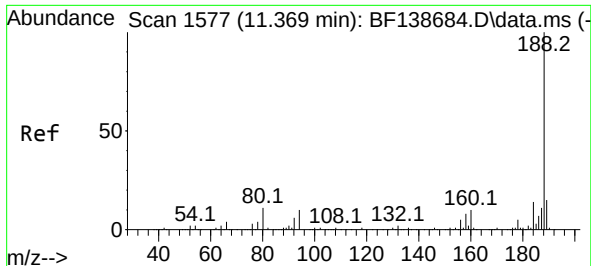
Tgt Ion:165 Resp: 10426
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.947 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.206 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Tgt Ion:165 Resp: 10426
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

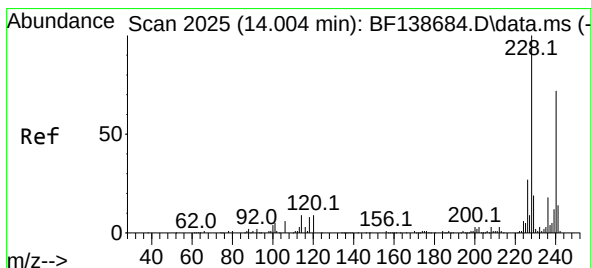
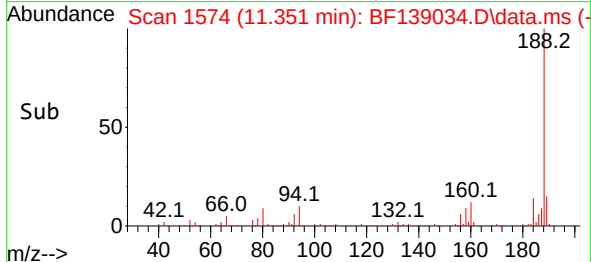
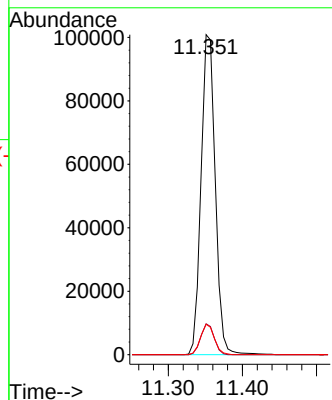
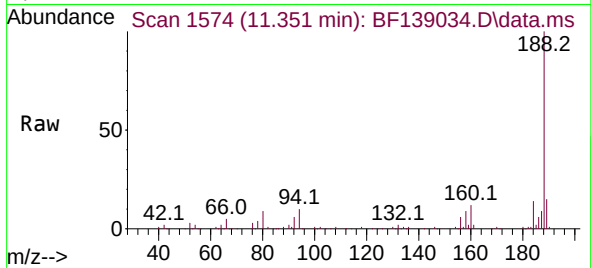




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

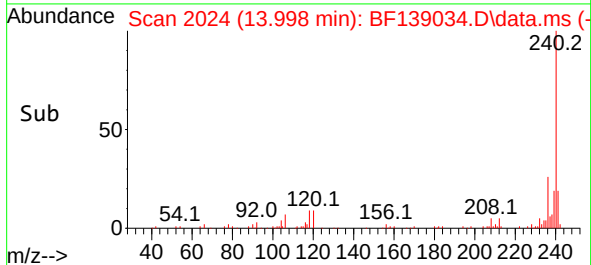
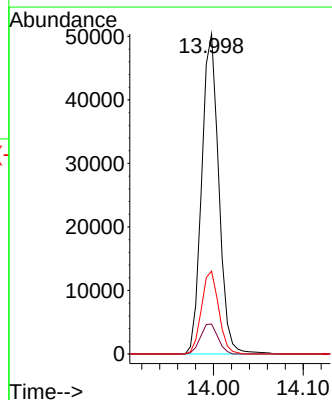
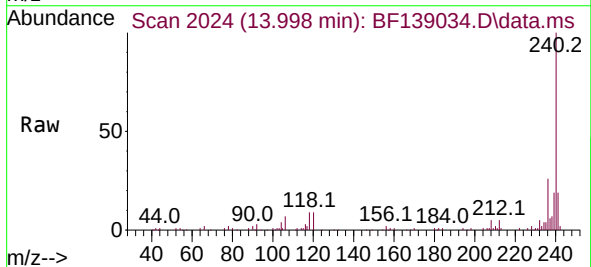
Instrument :
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S-866-N-S0-0-0.5-080524

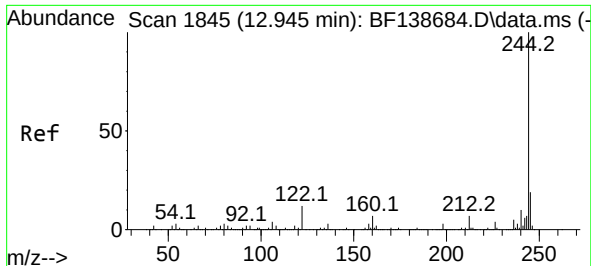
Tgt Ion:188 Resp: 134152
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 9.5 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139034.D
Acq: 15 Aug 2024 21:14

Tgt Ion:240 Resp: 66522
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 25.9 19.8 29.8

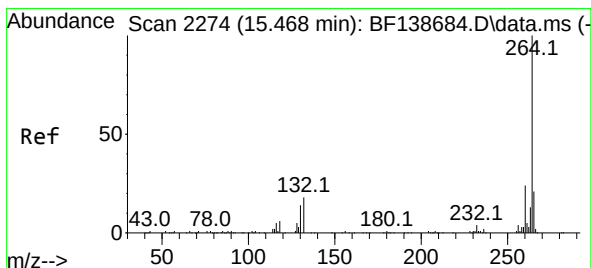
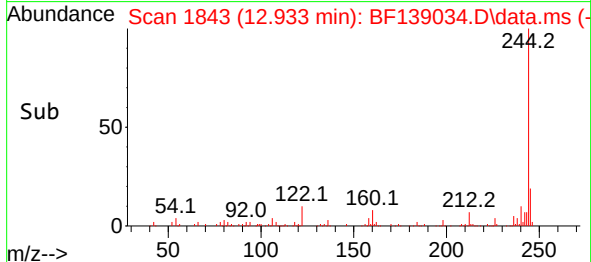
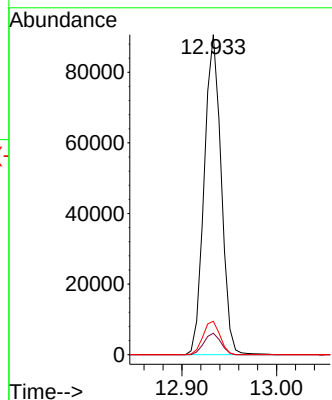
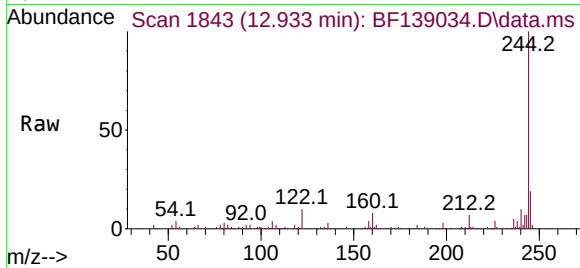




#79
 Terphenyl-d14
 Concen: 28.289 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF139034.D
 Acq: 15 Aug 2024 21:14

Instrument :
 BNA_F
 ClientSampleId :
 S-866-N-S0-0-0.5-080524

Tgt Ion:244 Resp: 112397
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.5 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139034.D
 Acq: 15 Aug 2024 21:14

Tgt Ion:264 Resp: 75058
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 20.6 17.0 25.6

