

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138916.D
 Acq On : 10 Aug 2024 18:22
 Operator : RC/JU
 Sample : P3457-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 932-K1-WS-080224

Quant Time: Aug 12 01:17:28 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)

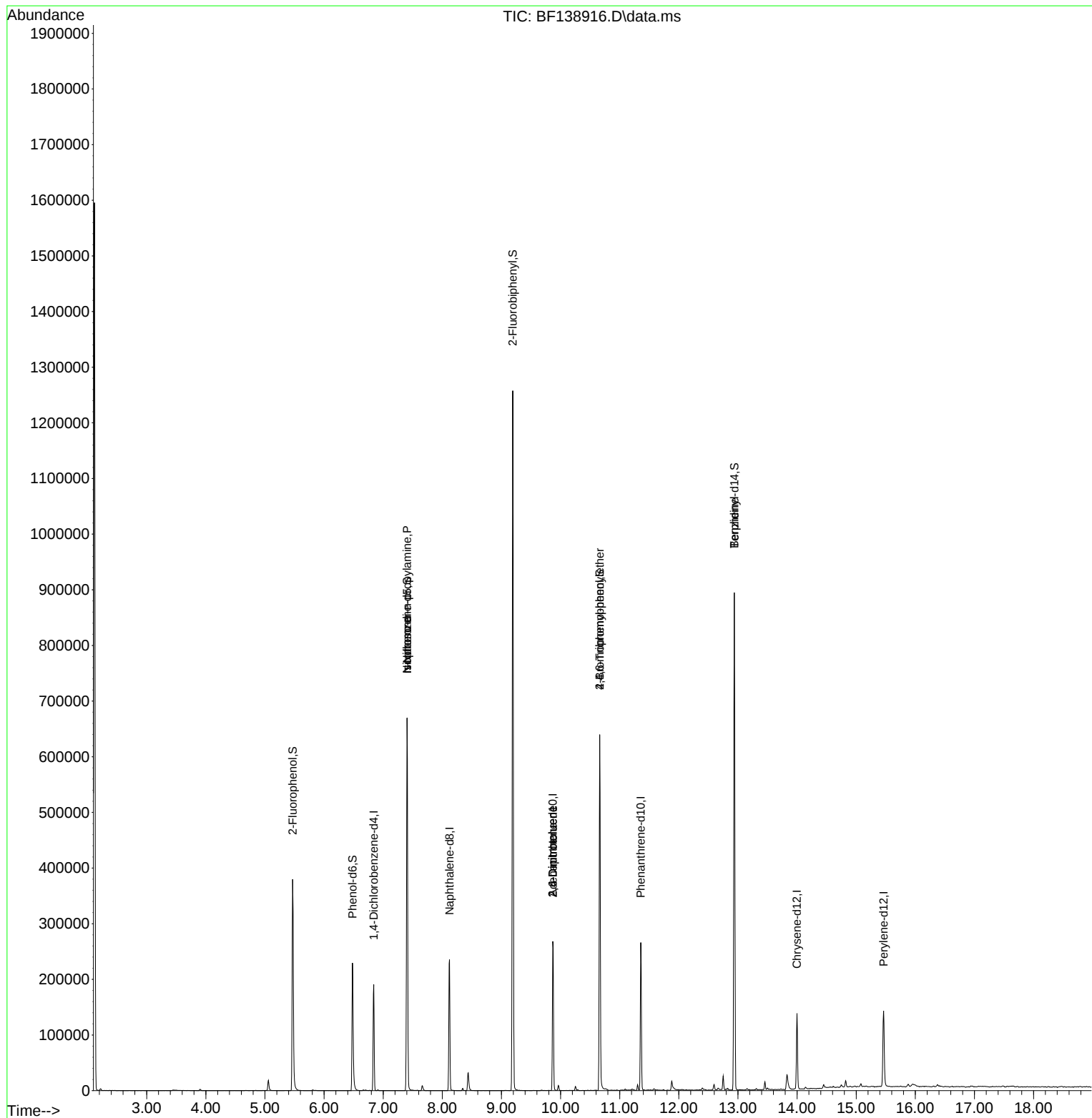
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	37230	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	143891	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	78846	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	133629	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	64457	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	79602	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	132816	55.069	ng	0.00
7) Phenol-d6	6.481	99	105633	32.622	ng	0.00
23) Nitrobenzene-d5	7.404	82	288003	97.858	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	91925	142.331	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	519141	98.928	ng	-0.01
79) Terphenyl-d14	12.939	244	409077	106.258	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	39723	20.311	ng	# 79
25) Isophorone	7.404	82	286235	56.957	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10655	9.365	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10655	7.340	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	6613	4.571	ng	# 1
77) Benzidine	12.939	184	6151	3.990	ng	# 93

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

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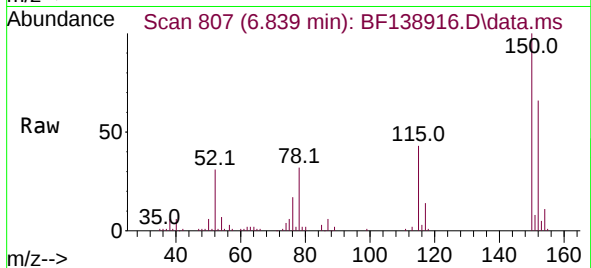
Quant Time: Aug 12 01:17:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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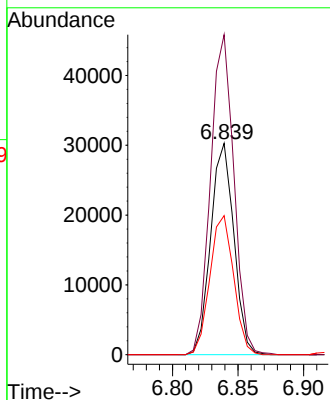
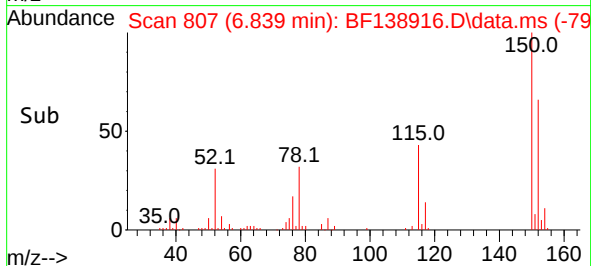


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Instrument :
BNA_F
ClientSampleId :
932-K1-WS-080224

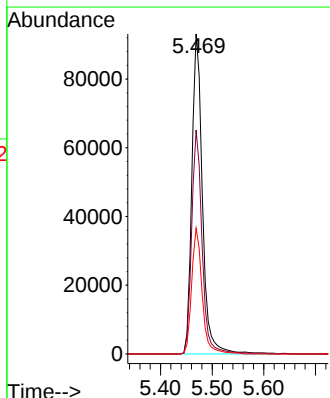
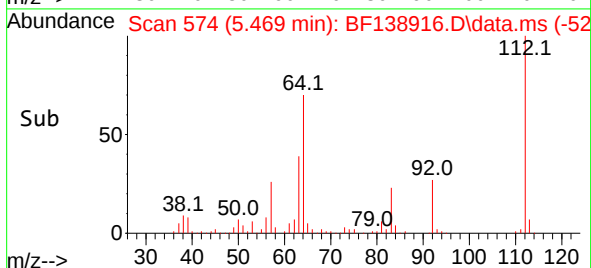
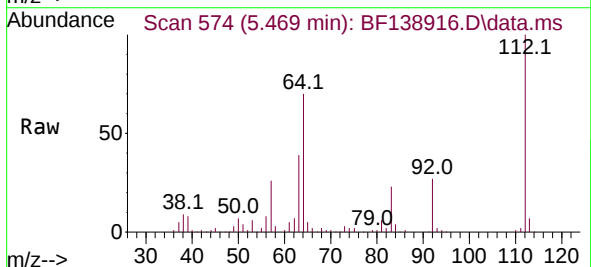


Tgt Ion:152 Resp: 37230
Ion Ratio Lower Upper
152 100
150 151.4 126.0 189.0
115 65.8 51.7 77.5



#5
2-Fluorophenol
Concen: 55.069 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion:112 Resp: 132816
Ion Ratio Lower Upper
112 100
64 70.0 54.2 81.4
63 39.2 28.7 43.1

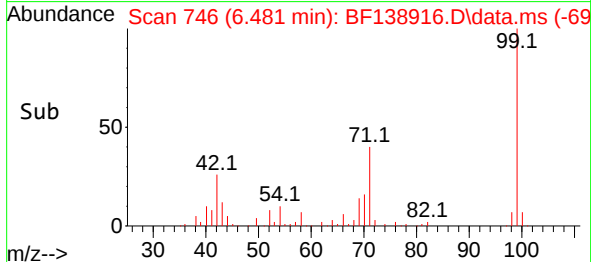
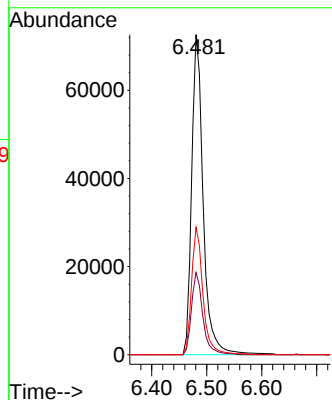
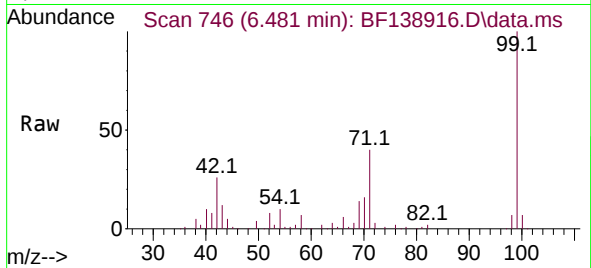




#7
Phenol-d6
Concen: 32.622 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

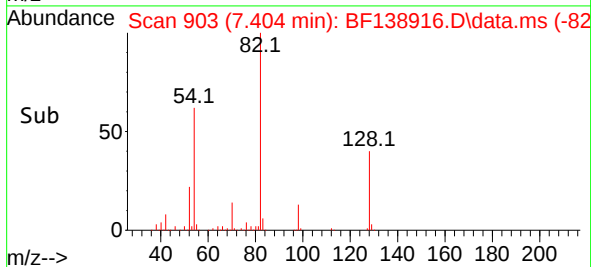
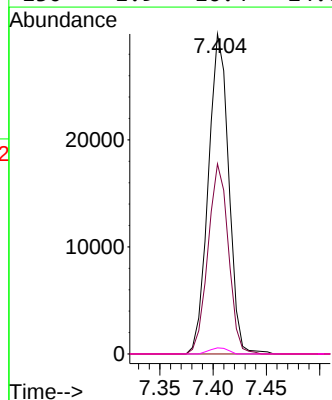
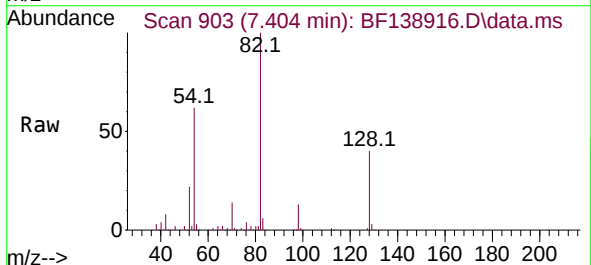
Instrument :
BNA_F
ClientSampleId :
932-K1-WS-080224

Tgt Ion: 99 Resp: 105633
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 39.8 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.311 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

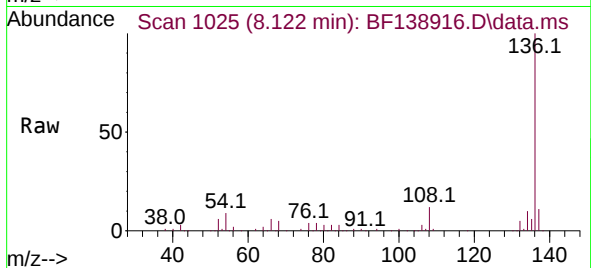
Tgt Ion: 70 Resp: 39723
Ion Ratio Lower Upper
70 100
42 59.4 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



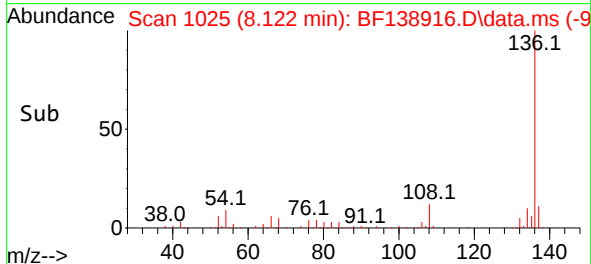
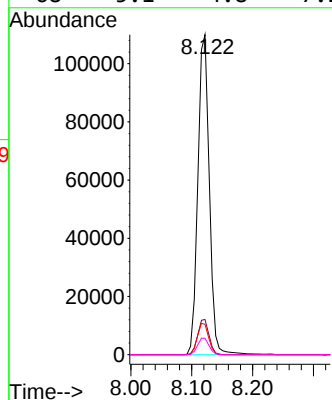


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

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BNA_F
ClientSampleId :
932-K1-WS-080224

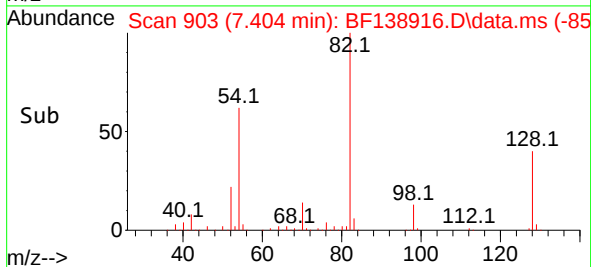
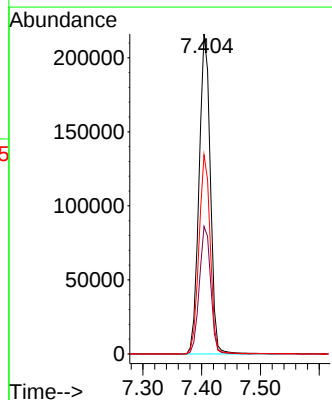
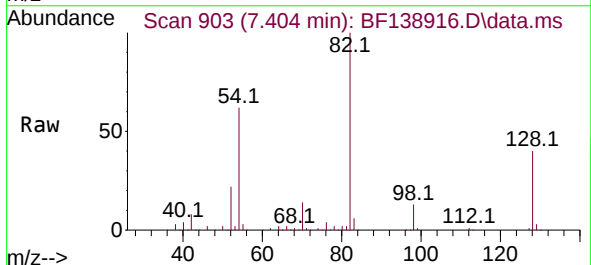


Tgt Ion:136 Resp: 143891
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.5 8.6 12.8
68 5.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 97.858 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion: 82 Resp: 288003
Ion Ratio Lower Upper
82 100
128 39.8 32.8 49.2
54 62.3 48.3 72.5

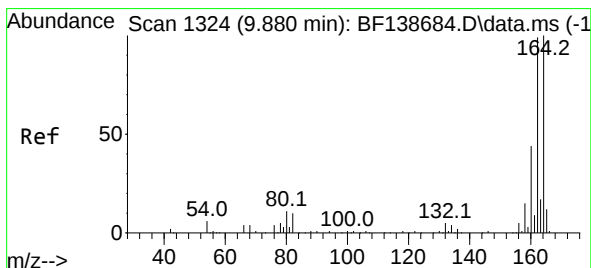
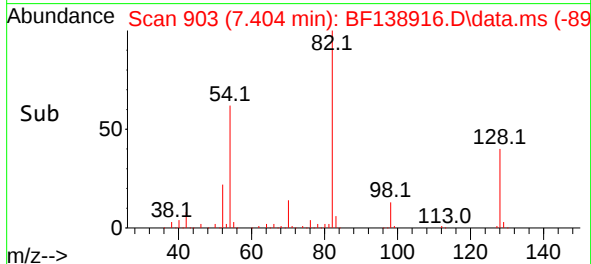
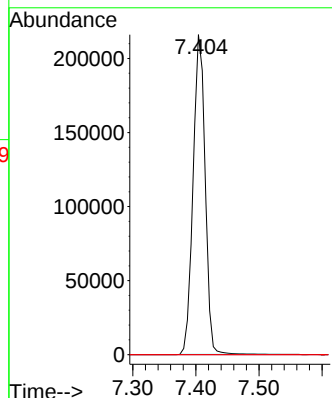
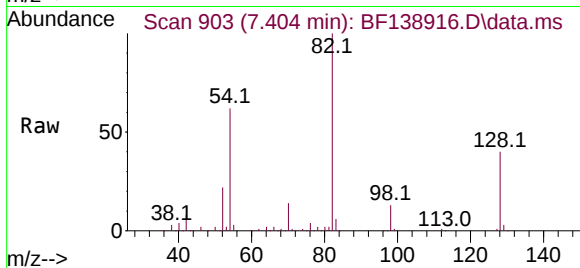




#25
Isophorone
Concen: 56.957 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

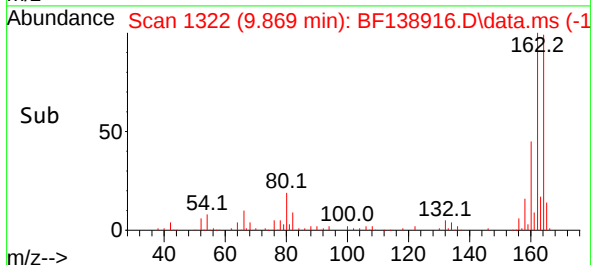
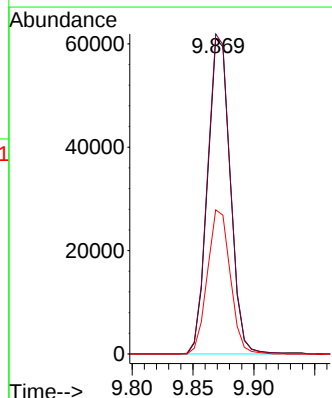
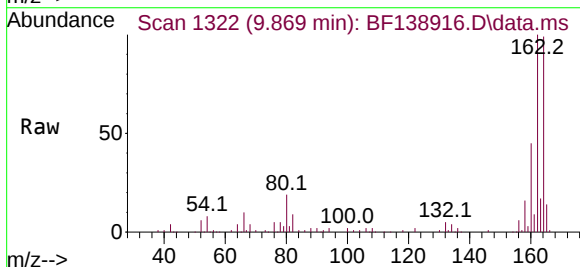
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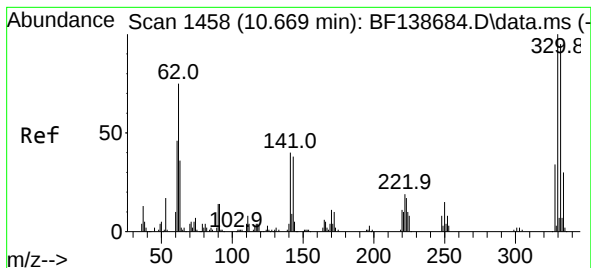
Tgt Ion: 82 Resp: 286235
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion: 164 Resp: 78846
Ion Ratio Lower Upper
164 100
162 101.3 79.4 119.0
160 45.6 35.1 52.7

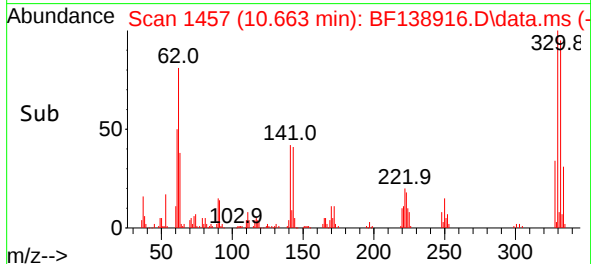
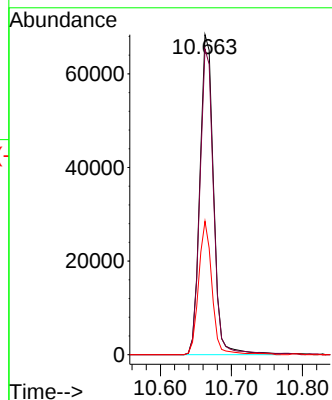
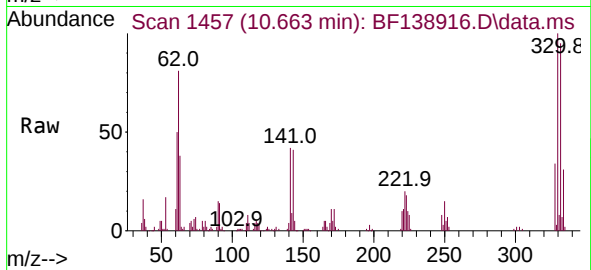




#42
2,4,6-Tribromophenol
Concen: 142.331 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

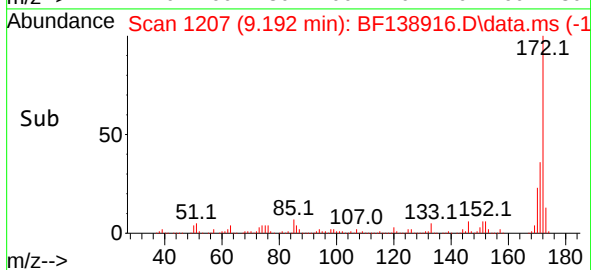
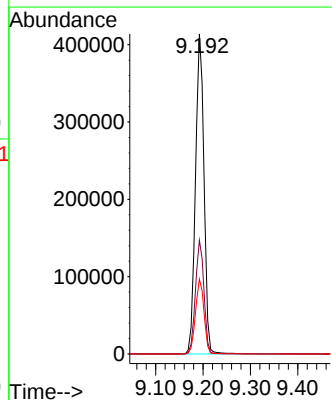
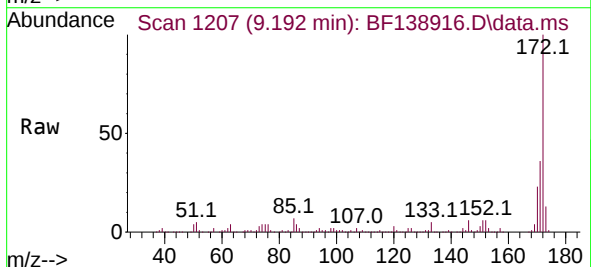
Instrument :
BNA_F
ClientSampleId :
932-K1-WS-080224

Tgt Ion: 330 Resp: 91925
Ion Ratio Lower Upper
330 100
332 96.0 76.4 114.6
141 40.8 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.928 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion: 172 Resp: 519141
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.4 18.8 28.2

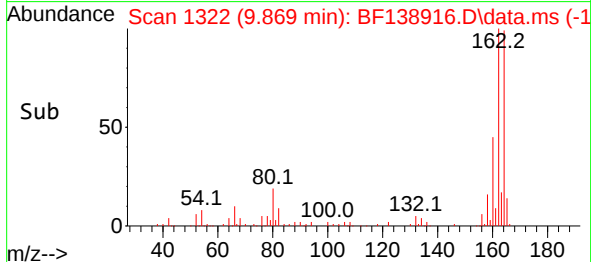
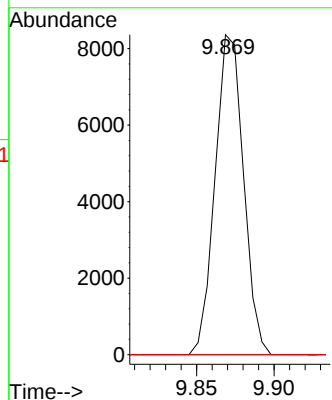
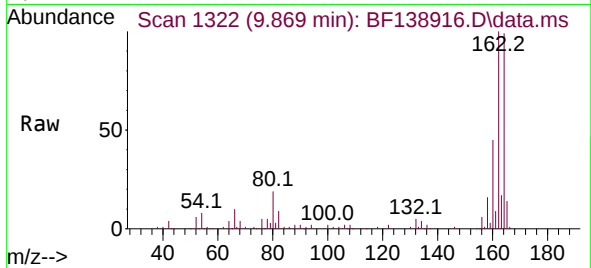




#51
2,6-Dinitrotoluene
Concen: 9.365 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

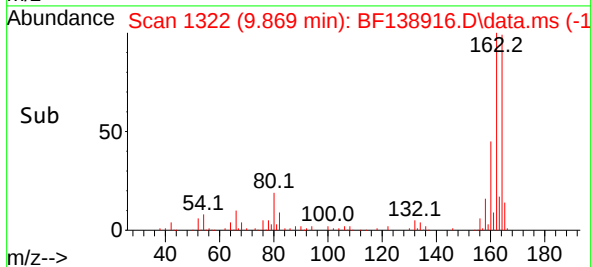
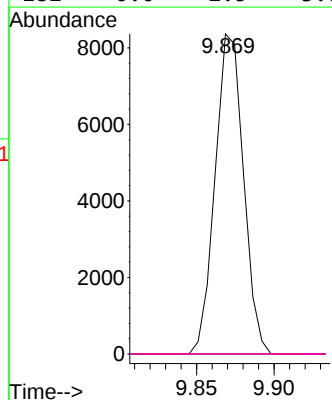
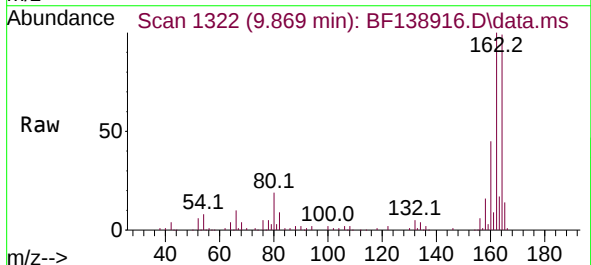
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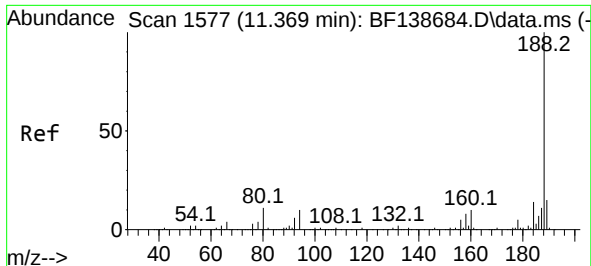
Tgt Ion:165 Resp: 10655
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.340 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion:165 Resp: 10655
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#

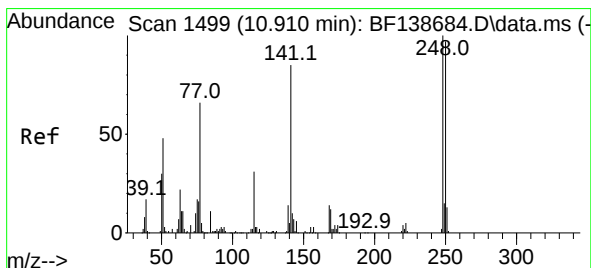
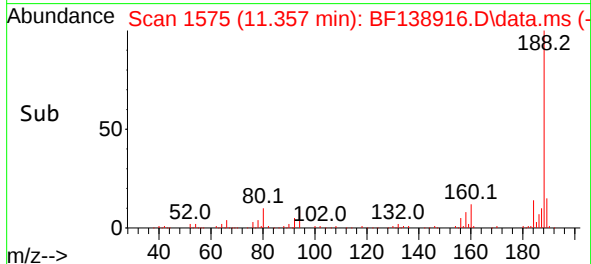
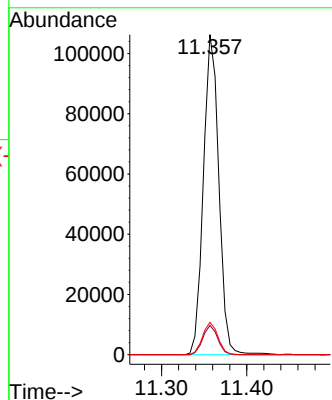
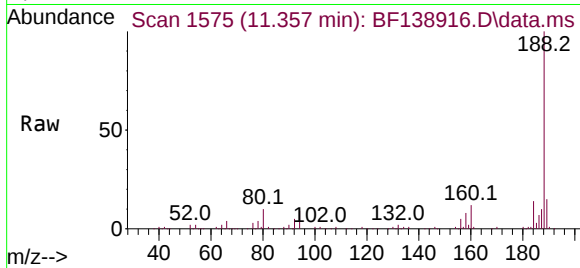




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

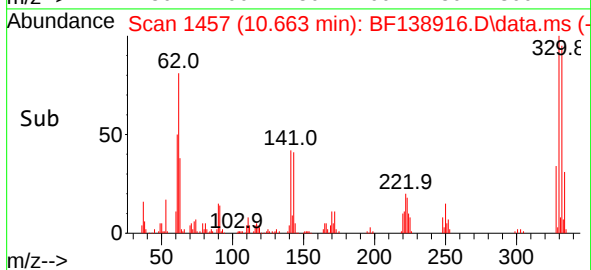
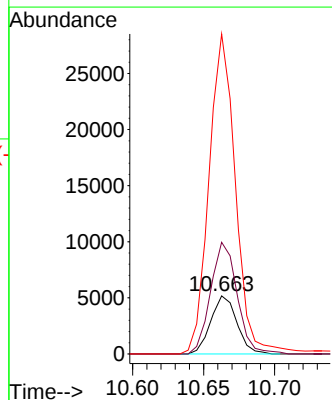
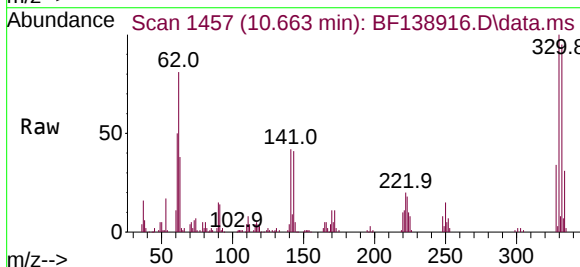
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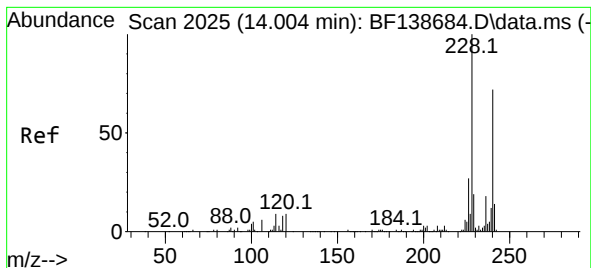
Tgt Ion:188 Resp: 133629
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.1 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.571 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion:248 Resp: 6613
Ion Ratio Lower Upper
248 100
250 192.3 77.7 116.5#
141 551.0 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.998 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF138916.D

Acq: 10 Aug 2024 18:22

Instrument :

BNA_F

ClientSampleId :

932-K1-WS-080224

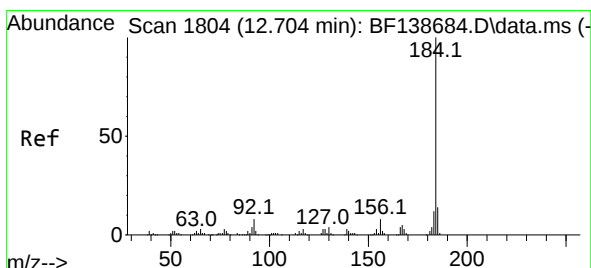
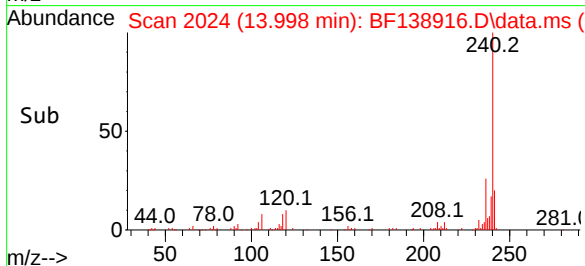
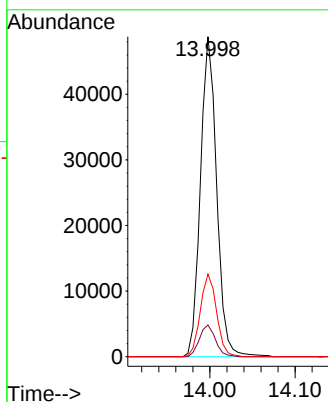
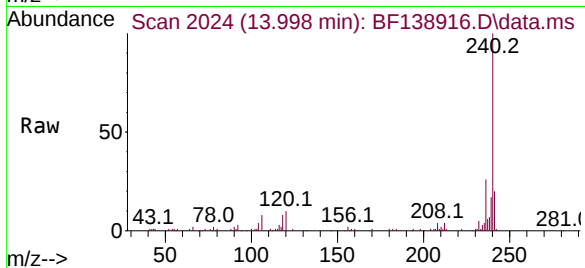
Tgt Ion:240 Resp: 64457

Ion Ratio Lower Upper

240 100

120 9.9 10.2 15.4#

236 25.8 19.8 29.8



#77

Benidine

Concen: 3.990 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138916.D

Acq: 10 Aug 2024 18:22

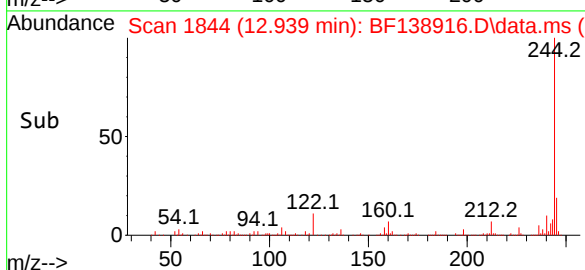
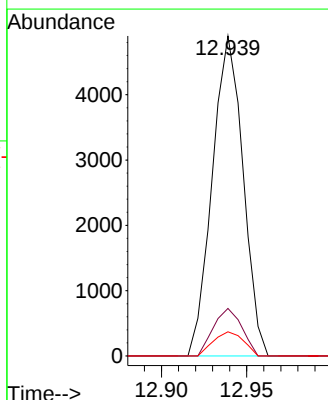
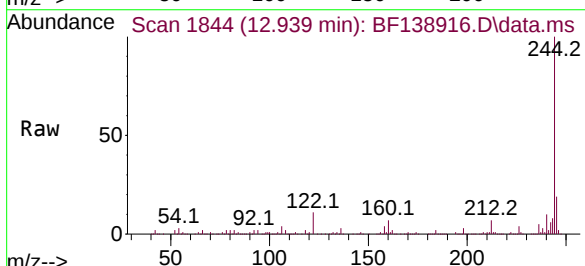
Tgt Ion:184 Resp: 6151

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

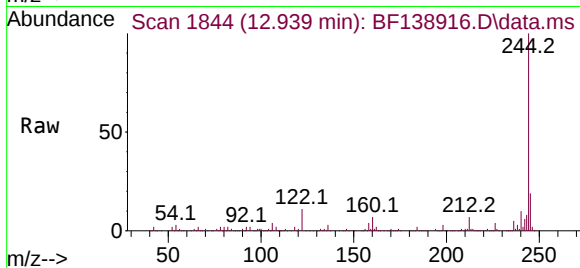
183 7.6 9.6 14.4#



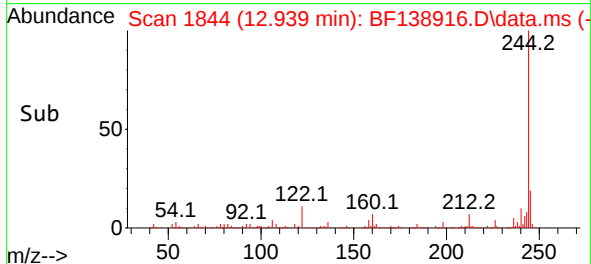
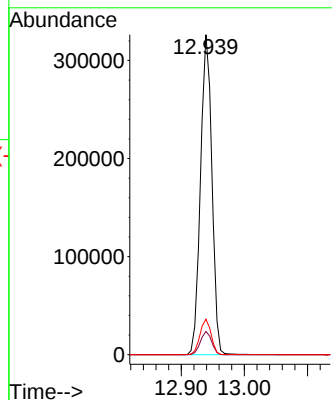


#79
Terphenyl-d14
Concen: 106.258 ng
RT: 12.939 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138916.D
Acq: 10 Aug 2024 18:22

Instrument :
BNA_F
ClientSampleId :
932-K1-WS-080224



Tgt Ion:244 Resp: 409077
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.1 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: BF138916.D
Acq: 10 Aug 2024 18:22

Tgt Ion:264 Resp: 79602
Ion Ratio Lower Upper
264 100
260 23.5 19.0 28.6
265 20.5 17.0 25.6

