

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081024\
 Data File : BF138915.D
 Acq On : 10 Aug 2024 17:52
 Operator : RC/JU
 Sample : P3457-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Aug 12 01:17:11 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)

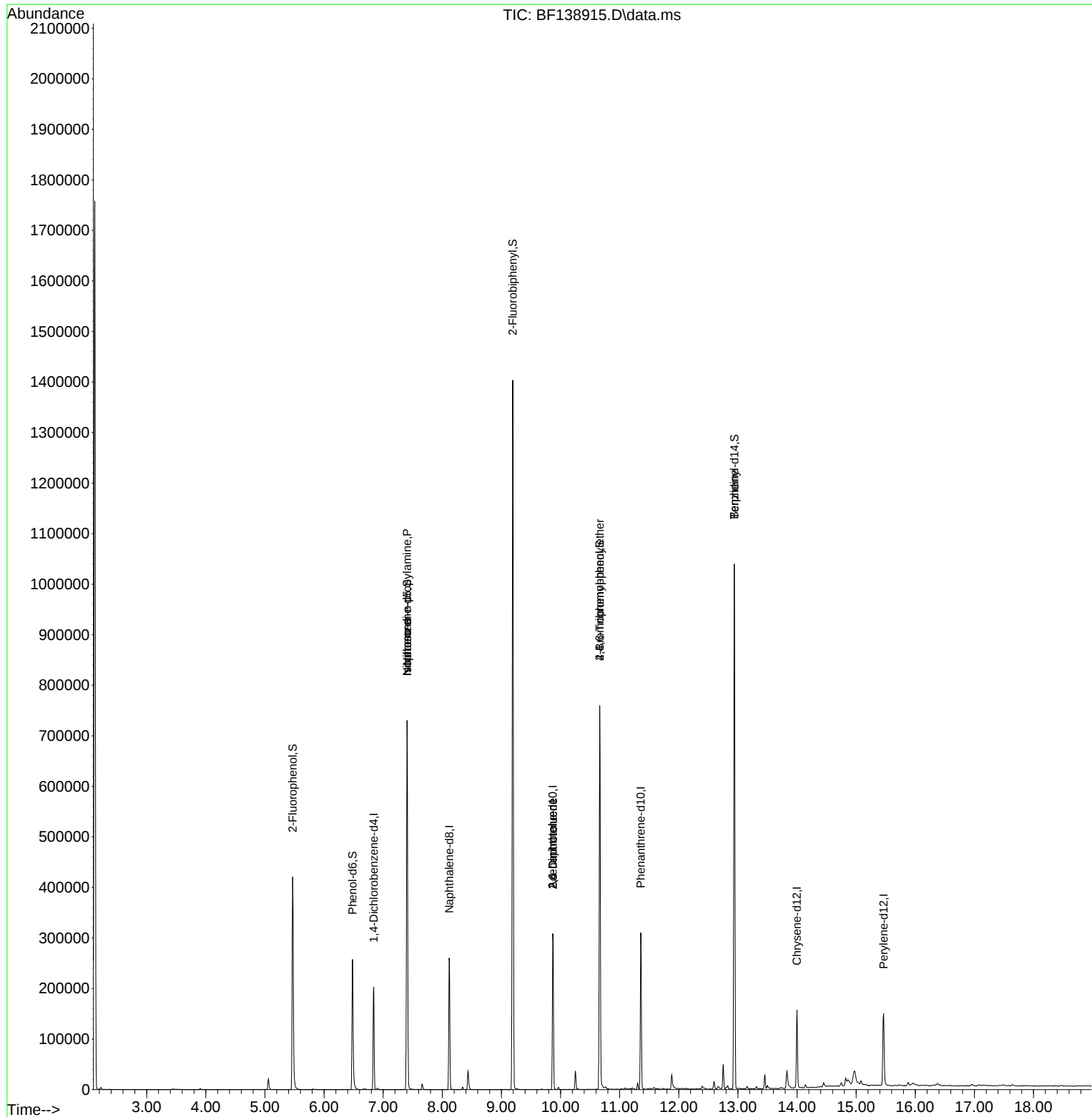
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	39664	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	160989	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89864	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	156314	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	70605	20.000	ng	0.00
86) Perylene-d12	15.463	264	83219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	144726	56.325	ng	0.00
7) Phenol-d6	6.481	99	114405	33.163	ng	0.00
23) Nitrobenzene-d5	7.404	82	313893	95.327	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	109341	148.540	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	586946	98.135	ng	-0.01
79) Terphenyl-d14	12.939	244	471222	111.742	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	42718	20.502	ng	# 80
25) Isophorone	7.404	82	313890	55.827	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	11277	8.696	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	11277	6.816	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	7952	4.699	ng	# 1
77) Benzidine	12.939	184	6663	3.946	ng	# 93

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

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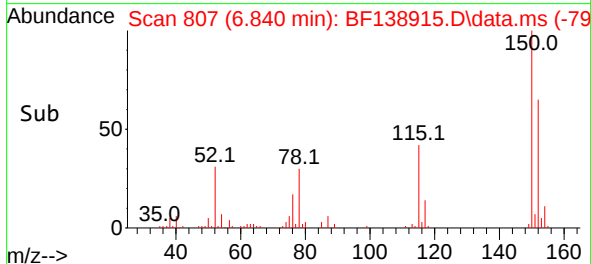
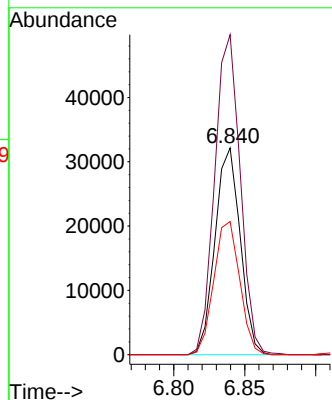
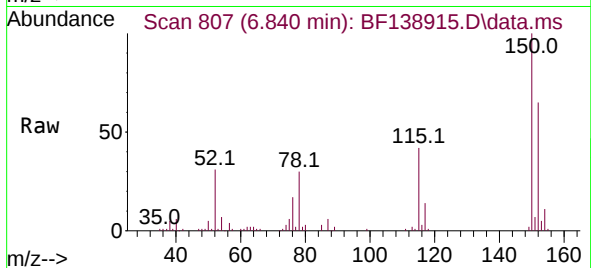




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

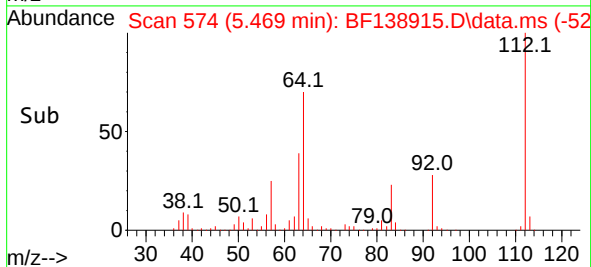
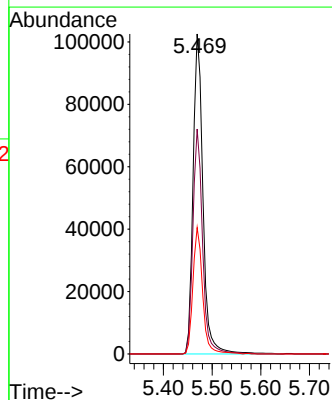
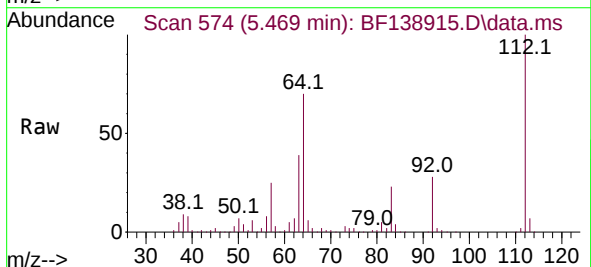
Instrument :
BNA_F
ClientSampleId :
924-K1-WS-080224

Tgt Ion:152 Resp: 39664
Ion Ratio Lower Upper
152 100
150 154.8 126.0 189.0
115 64.4 51.7 77.5



#5
2-Fluorophenol
Concen: 56.325 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

Tgt Ion:112 Resp: 144726
Ion Ratio Lower Upper
112 100
64 70.3 54.2 81.4
63 39.5 28.7 43.1

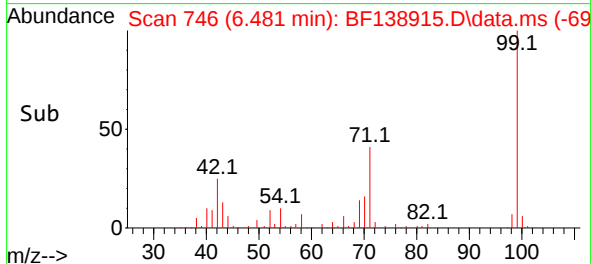
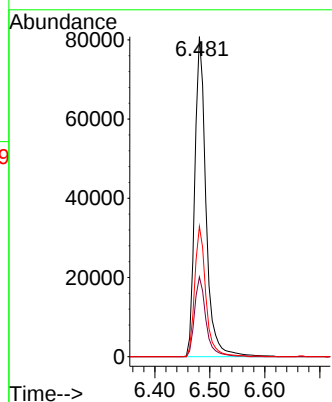
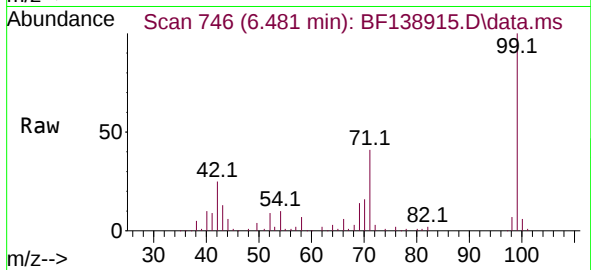




#7
Phenol-d6
Concen: 33.163 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

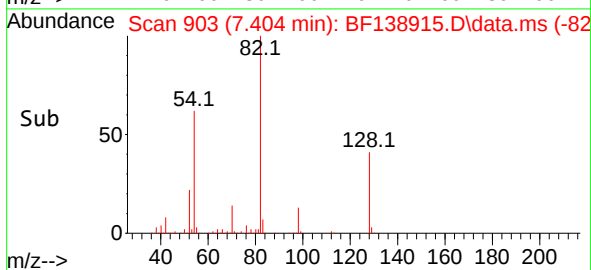
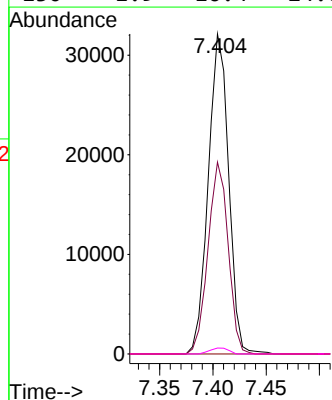
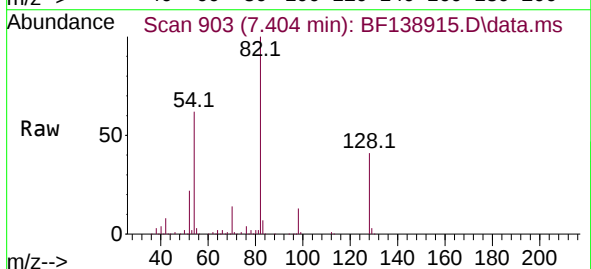
Instrument :
BNA_F
ClientSampleId :
924-K1-WS-080224

Tgt Ion: 99 Resp: 114405
Ion Ratio Lower Upper
99 100
42 24.9 17.4 26.0
71 40.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 20.502 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

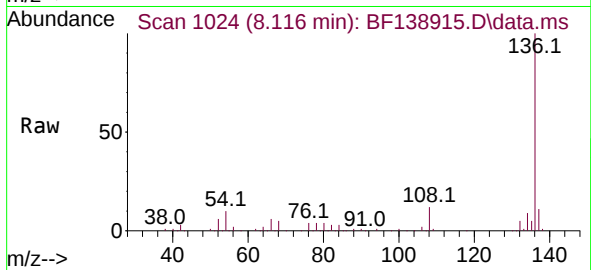
Tgt Ion: 70 Resp: 42718
Ion Ratio Lower Upper
70 100
42 60.0 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



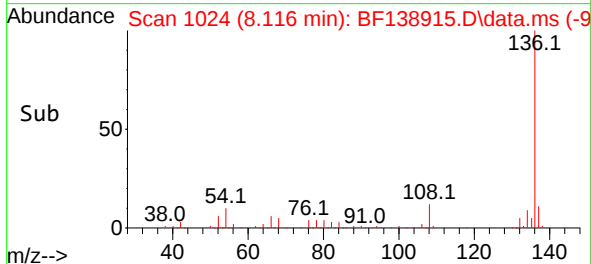
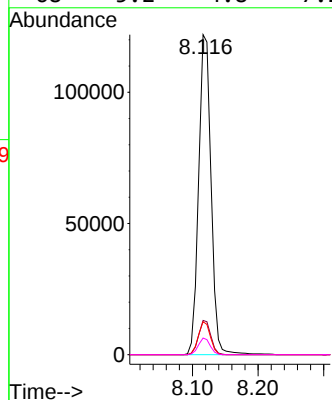


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

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

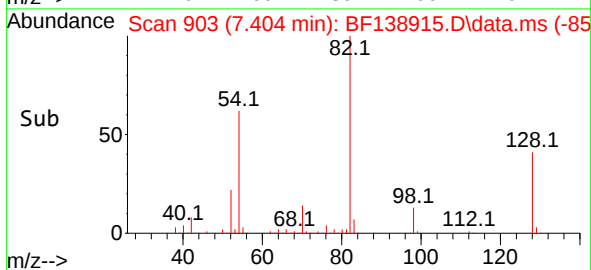
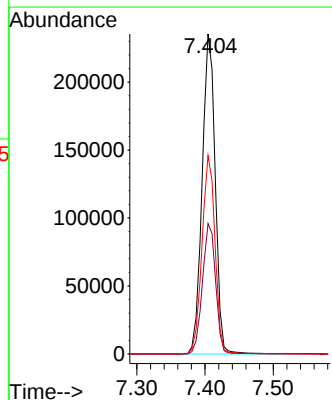
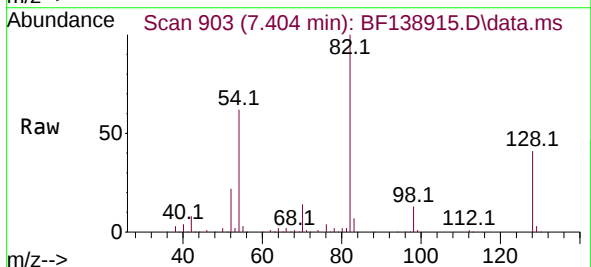


Tgt Ion:136 Resp: 160989
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.3 8.6 12.8
68 5.2 4.8 7.2



#23
Nitrobenzene-d5
Concen: 95.327 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

Tgt Ion: 82 Resp: 313893
Ion Ratio Lower Upper
82 100
128 40.8 32.8 49.2
54 62.0 48.3 72.5

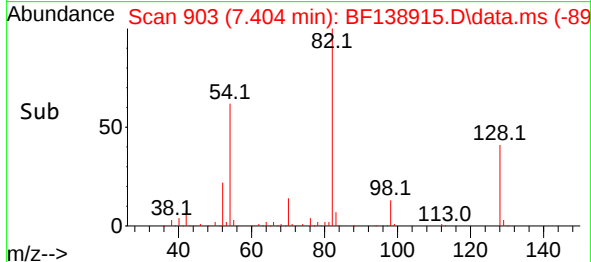
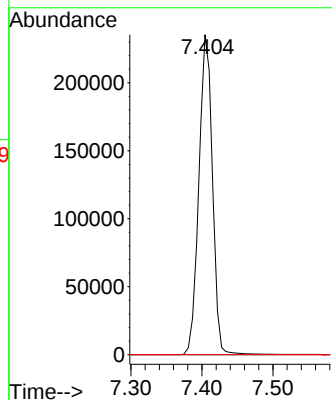
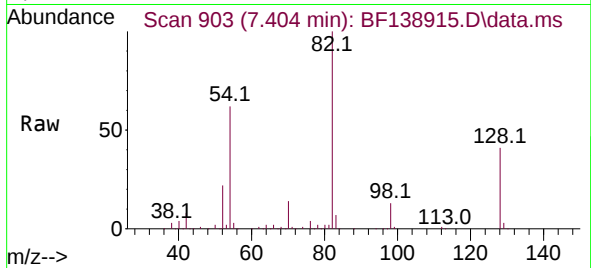




#25
Isophorone
Concen: 55.827 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

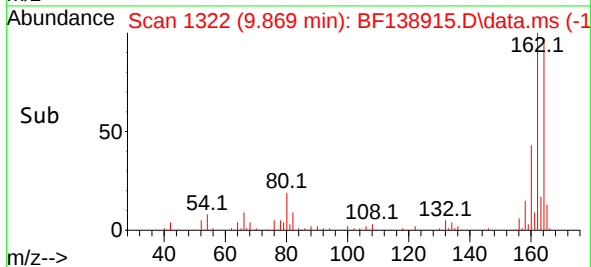
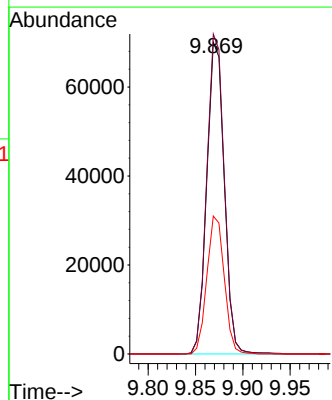
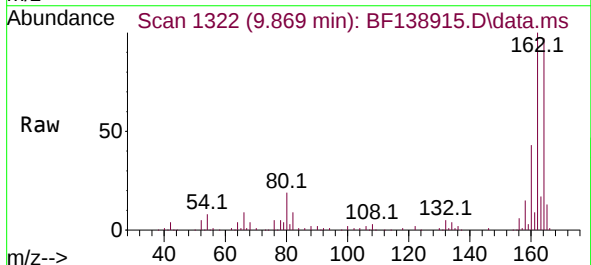
Instrument :
BNA_F
ClientSampleId :
924-K1-WS-080224

Tgt Ion: 82 Resp: 313890
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: BF138915.D
Acq: 10 Aug 2024 17:52

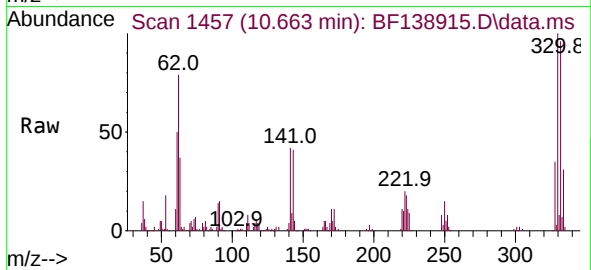
Tgt Ion: 164 Resp: 89864
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.0
160 44.2 35.1 52.7



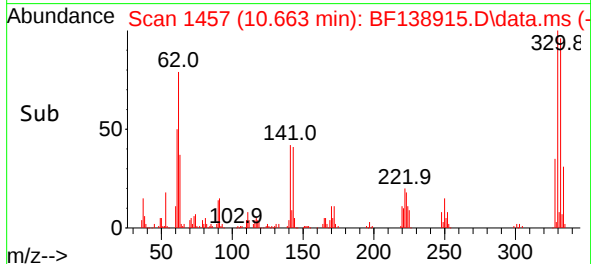
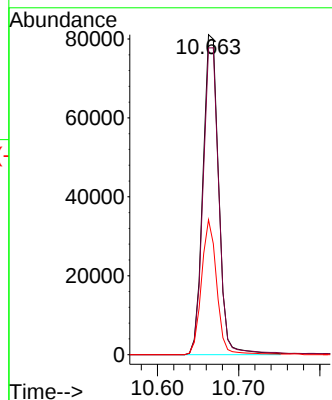


#42
2,4,6-Tribromophenol
Concen: 148.540 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

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

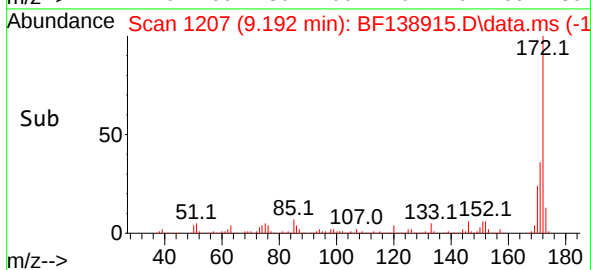
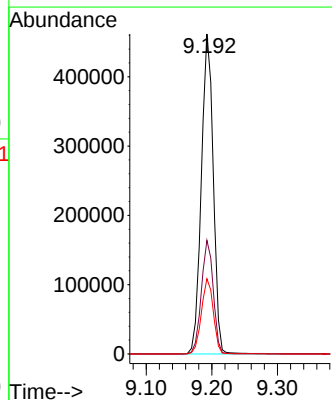
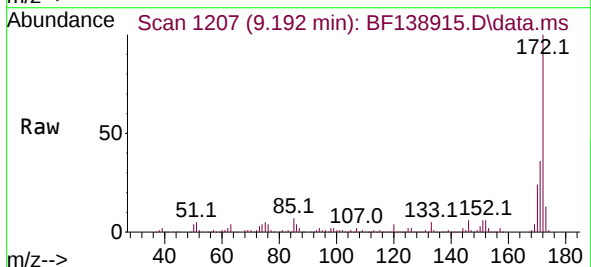


Tgt Ion:330 Resp: 109341
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 41.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 98.135 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

Tgt Ion:172 Resp: 586946
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.5 18.8 28.2

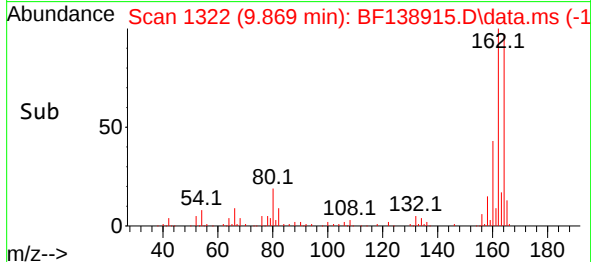
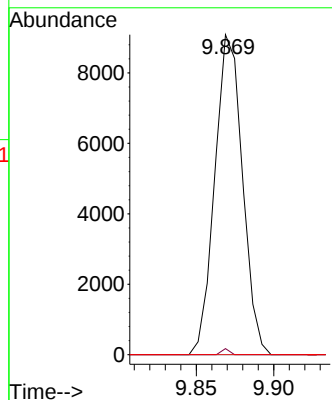
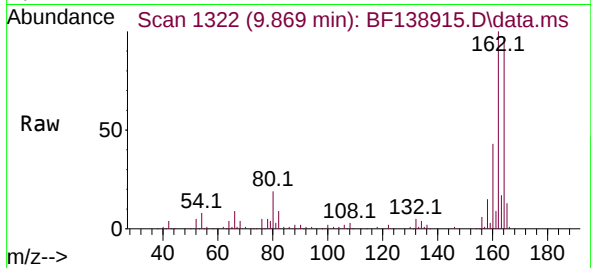




#51
2,6-Dinitrotoluene
Concen: 8.696 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

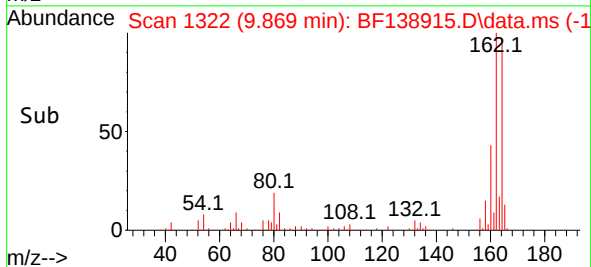
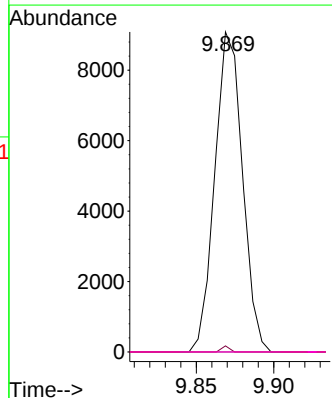
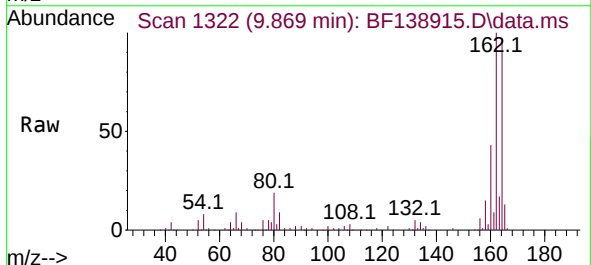
Instrument :
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924-K1-WS-080224

Tgt Ion:165 Resp: 11277
Ion Ratio Lower Upper
165 100
63 1.9 52.0 78.0#
89 0.0 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

Tgt Ion:165 Resp: 11277
Ion Ratio Lower Upper
165 100
63 1.9 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#

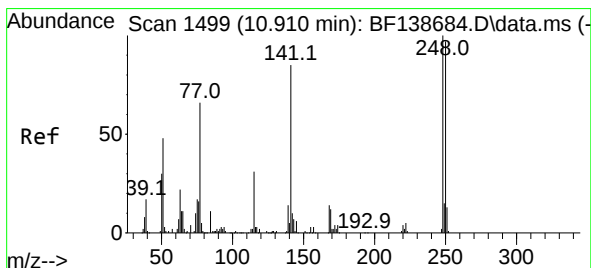
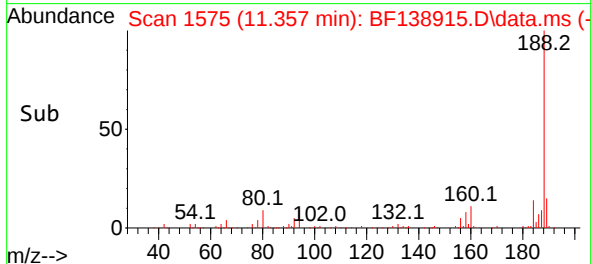
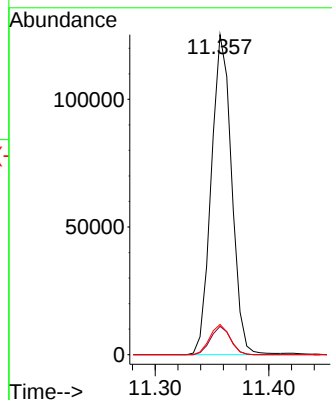
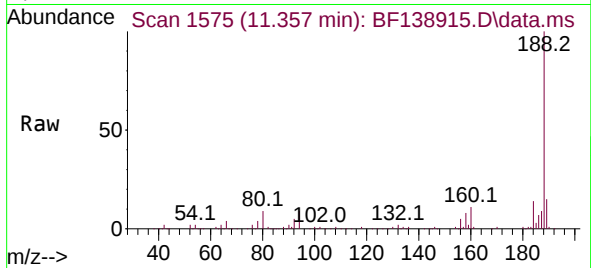




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

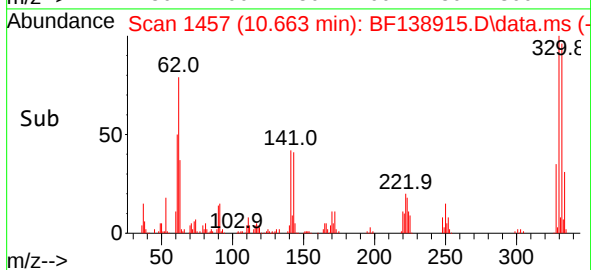
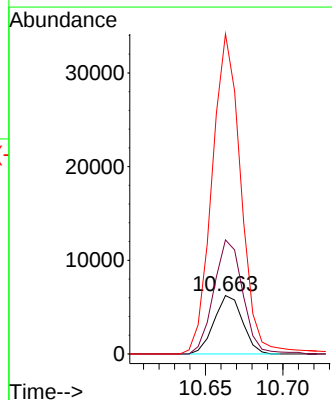
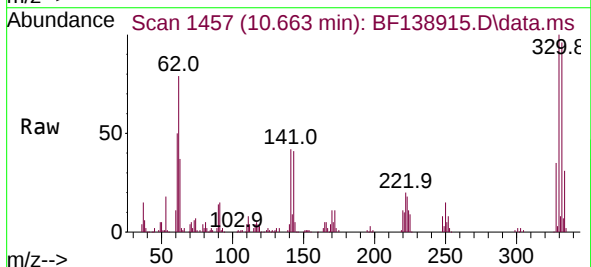
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924-K1-WS-080224

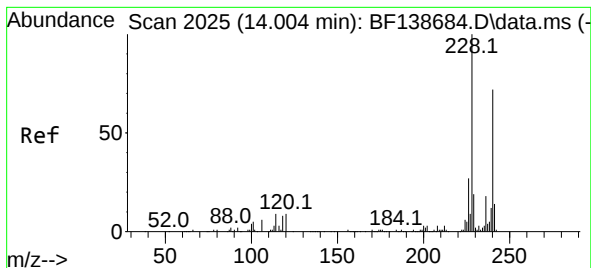
Tgt Ion:188 Resp: 156314
Ion Ratio Lower Upper
188 100
94 8.9 7.6 11.4
80 9.4 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 4.699 ng
RT: 10.663 min Scan# 1457
Delta R.T. -0.247 min
Lab File: BF138915.D
Acq: 10 Aug 2024 17:52

Tgt Ion:248 Resp: 7952
Ion Ratio Lower Upper
248 100
250 195.3 77.7 116.5#
141 547.6 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: BF138915.D

Acq: 10 Aug 2024 17:52

Instrument :

BNA_F

ClientSampleId :

924-K1-WS-080224

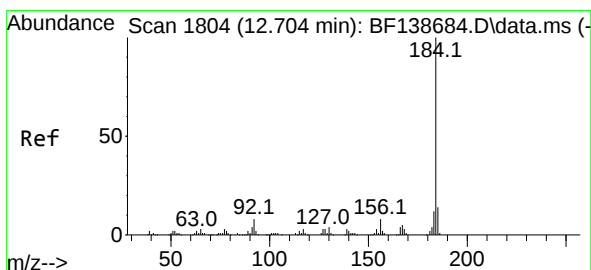
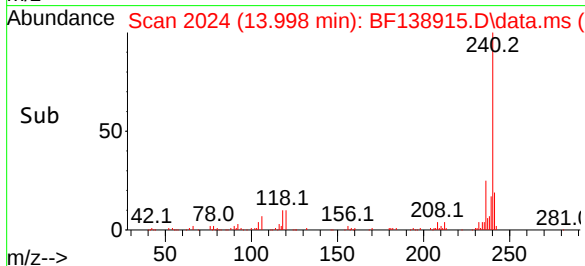
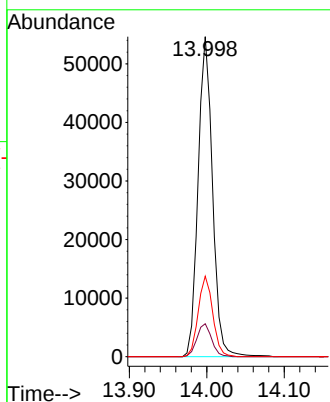
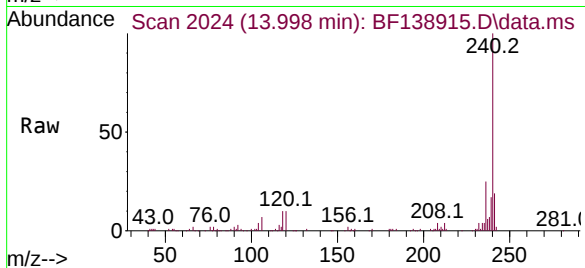
Tgt Ion:240 Resp: 70605

Ion Ratio Lower Upper

240 100

120 10.3 10.2 15.4

236 25.2 19.8 29.8



#77

Benzidine

Concen: 3.946 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138915.D

Acq: 10 Aug 2024 17:52

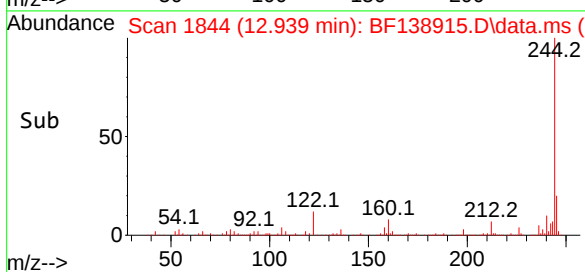
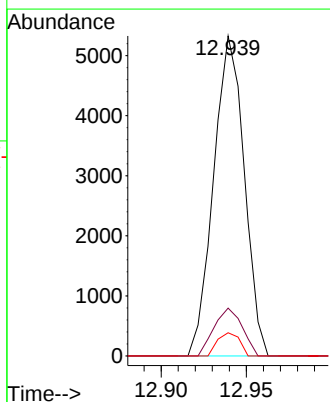
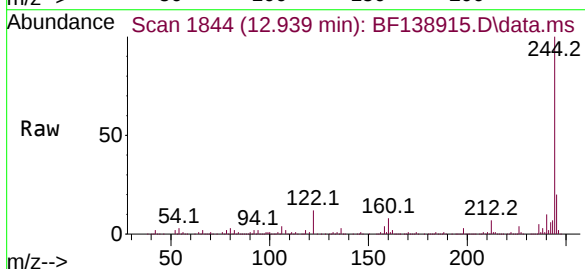
Tgt Ion:184 Resp: 6663

Ion Ratio Lower Upper

184 100

185 14.9 11.1 16.7

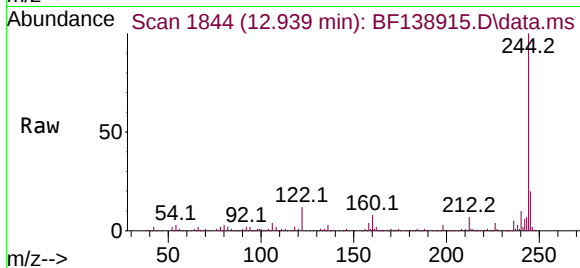
183 7.2 9.6 14.4#



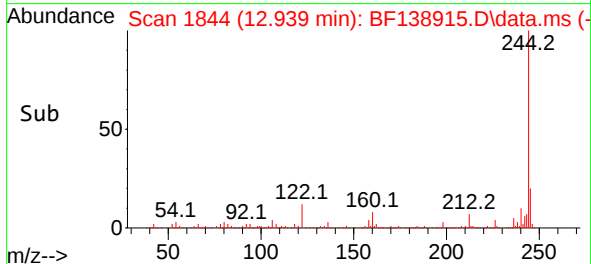
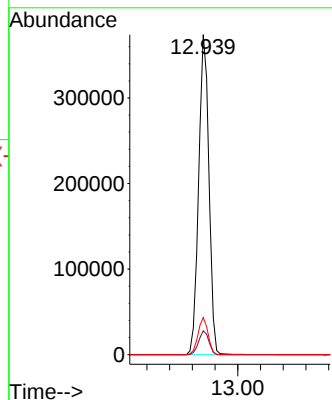


#79
 Terphenyl-d14
 Concen: 111.742 ng
 RT: 12.939 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: BF138915.D
 Acq: 10 Aug 2024 17:52

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



Tgt Ion:244 Resp: 471222
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 11.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF138915.D
 Acq: 10 Aug 2024 17:52

Tgt Ion:264 Resp: 83219
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.2 17.0 25.6

