

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080724\
 Data File : BF138844.D
 Acq On : 07 Aug 2024 16:05
 Operator : RC/JU
 Sample : P3451-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 921-J-WS-080124

Quant Time: Aug 07 16:45:20 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)

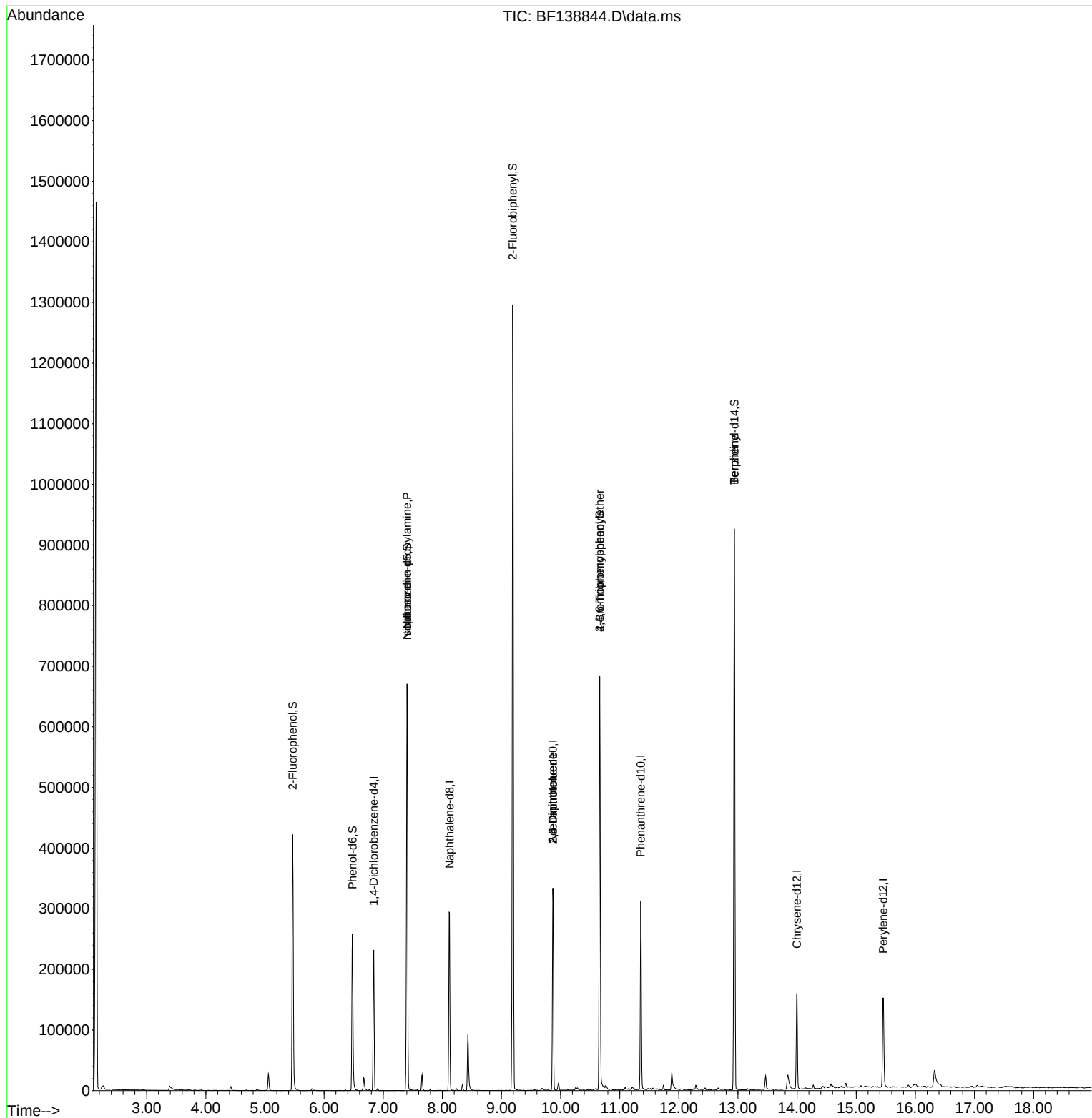
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	44294	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	184121	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	95656	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	153464	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	77095	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	83649	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	141062	49.160	ng	0.00
7) Phenol-d6	6.481	99	113888	29.562	ng	0.00
23) Nitrobenzene-d5	7.404	82	296026	78.606	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	100667	128.475	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	556721	87.446	ng	-0.01
79) Terphenyl-d14	12.939	244	438977	95.332	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	41369	17.779	ng	# 77
25) Isophorone	7.404	82	293617	45.660	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	12811	9.281	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	12811	7.274	ng	# 16
67) 4-Bromophenyl-phenylether	10.663	248	7092	4.268	ng	# 1
77) Benzidine	12.939	184	6414	3.478	ng	# 92

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

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Quant Time: Aug 07 16:45:20 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

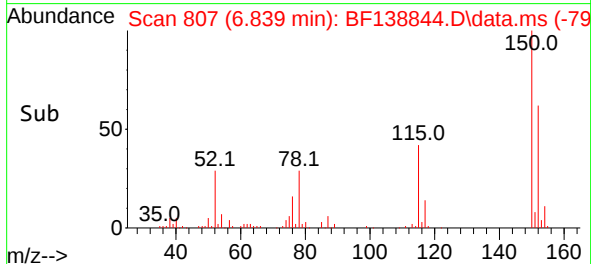
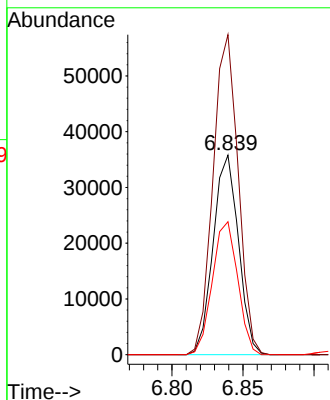
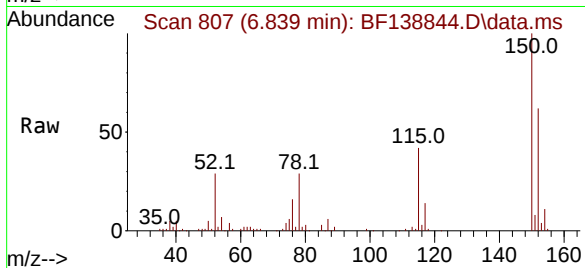




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

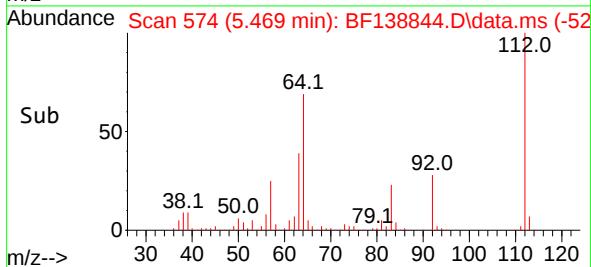
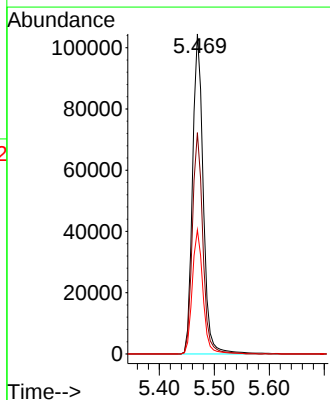
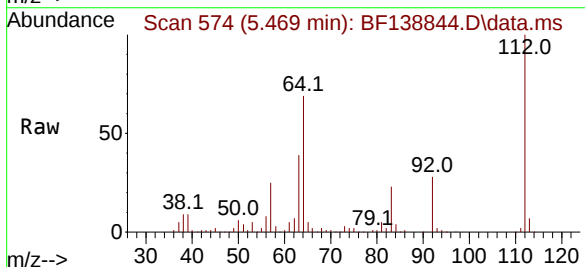
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion:152 Resp: 44294
Ion Ratio Lower Upper
152 100
150 160.3 126.0 189.0
115 66.6 51.7 77.5



#5
2-Fluorophenol
Concen: 49.160 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion:112 Resp: 141062
Ion Ratio Lower Upper
112 100
64 69.2 54.2 81.4
63 38.8 28.7 43.1

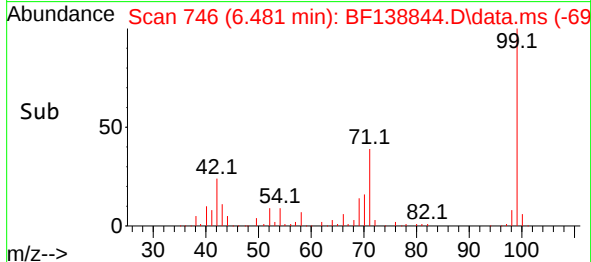
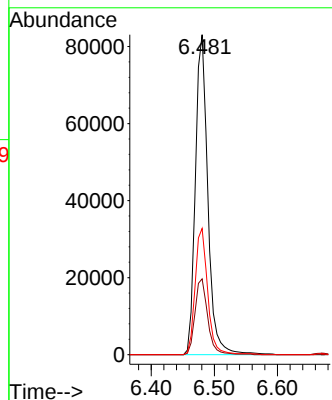
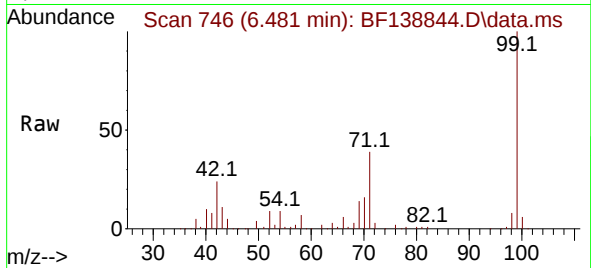




#7
Phenol-d6
Concen: 29.562 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

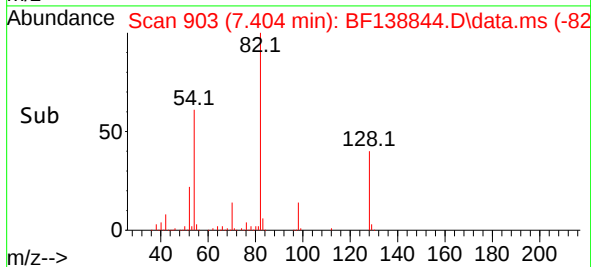
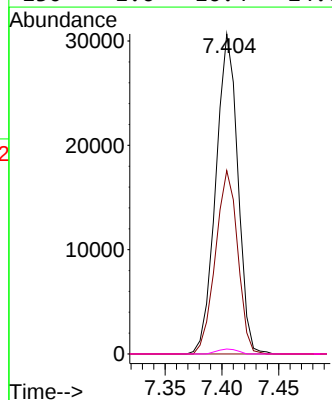
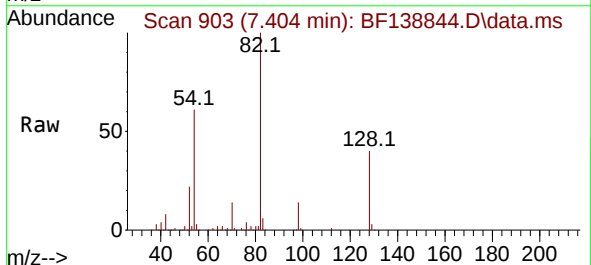
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion: 99 Resp: 113888
Ion Ratio Lower Upper
99 100
42 23.7 17.4 26.0
71 39.4 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.779 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion: 70 Resp: 41369
Ion Ratio Lower Upper
70 100
42 57.3 57.4 86.0#
101 0.0 7.5 11.3#
130 1.6 16.4 24.6#

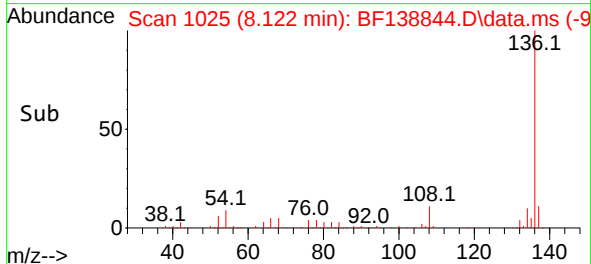
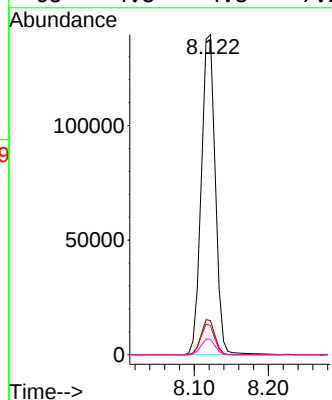
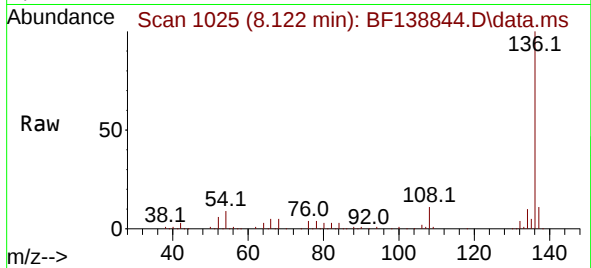




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

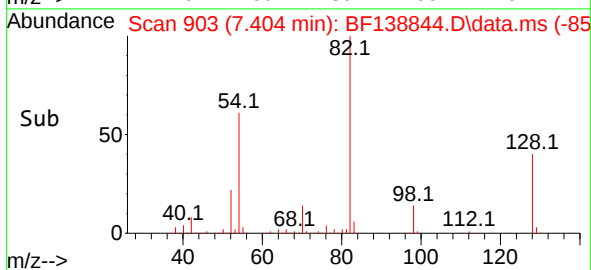
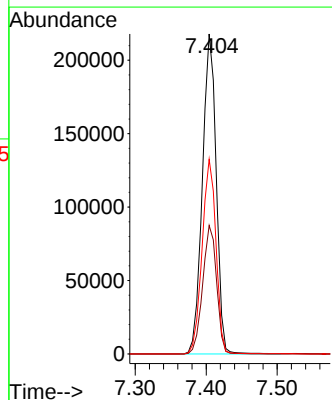
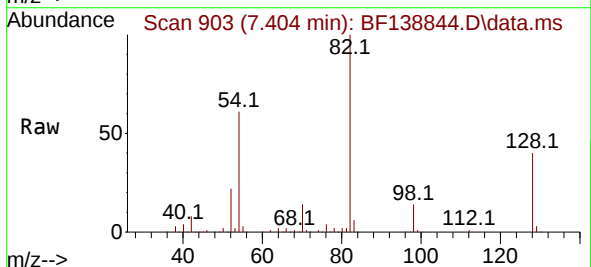
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion:	136	Resp:	184121
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.0	8.6	12.8
68	4.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 78.606 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion:	82	Resp:	296026
Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.8	49.2
54	60.9	48.3	72.5

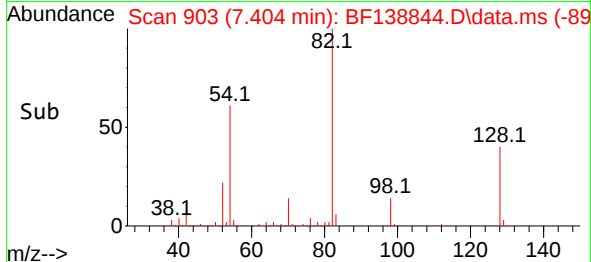
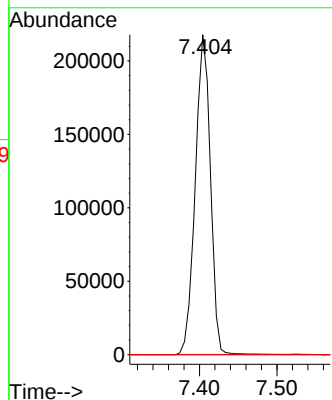
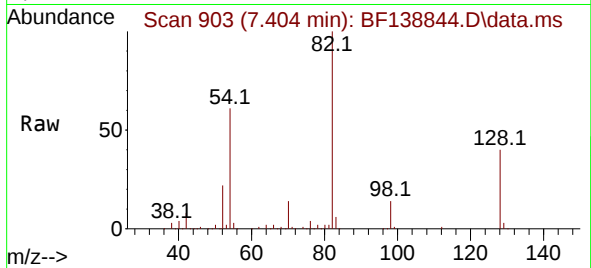




#25
Isophorone
Concen: 45.660 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

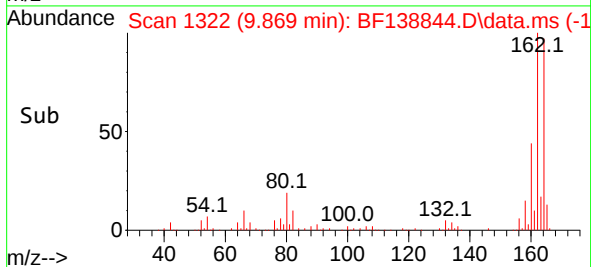
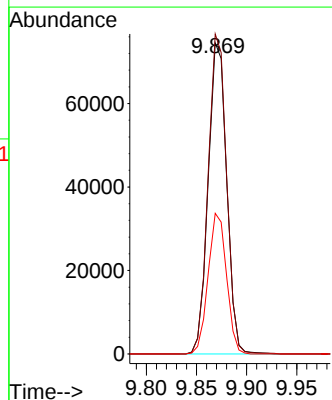
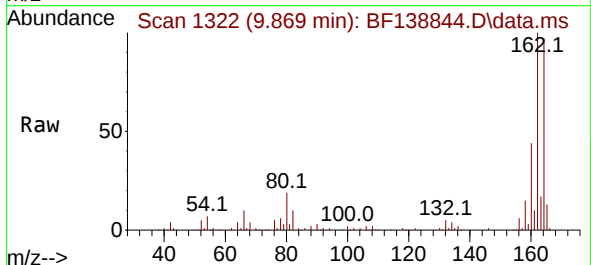
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion: 82 Resp: 293617
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: BF138844.D
Acq: 07 Aug 2024 16:05

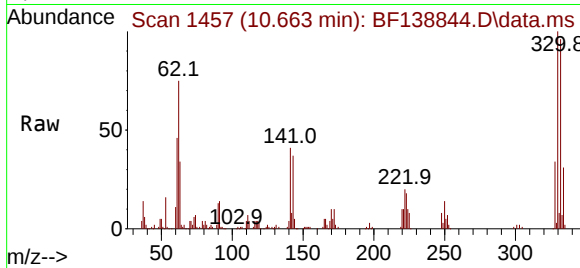
Tgt Ion: 164 Resp: 95656
Ion Ratio Lower Upper
164 100
162 102.9 79.4 119.0
160 45.2 35.1 52.7



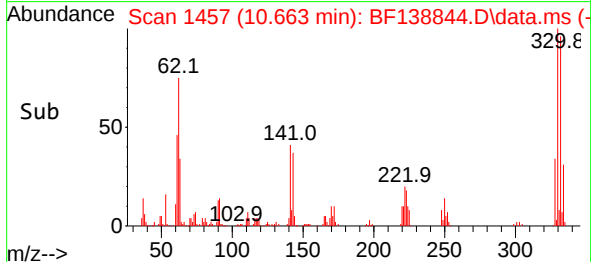
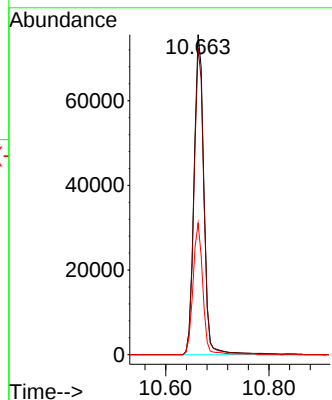


#42
2,4,6-Tribromophenol
Concen: 128.475 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

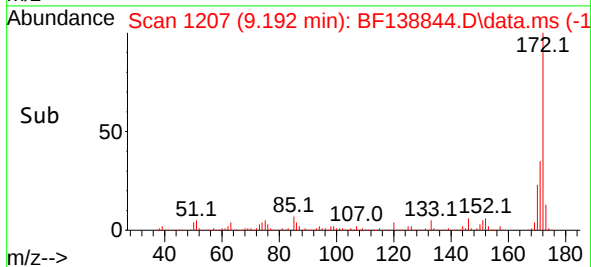
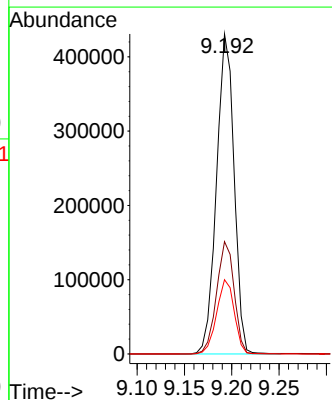
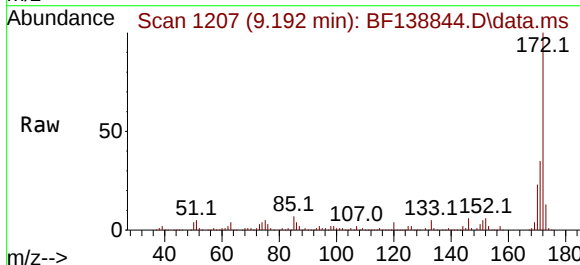


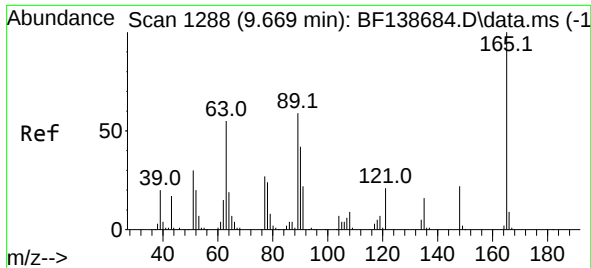
Tgt Ion:330 Resp: 100667
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 40.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 87.446 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion:172 Resp: 556721
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 18.8 28.2

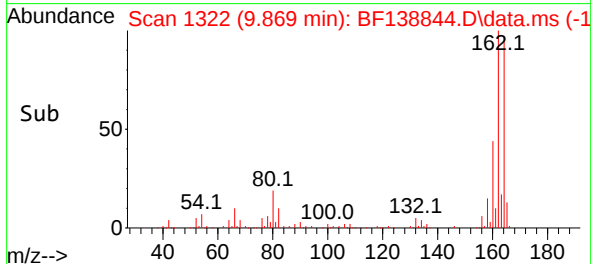
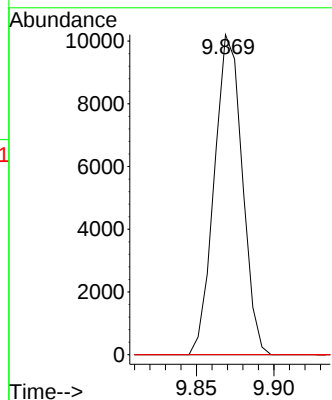
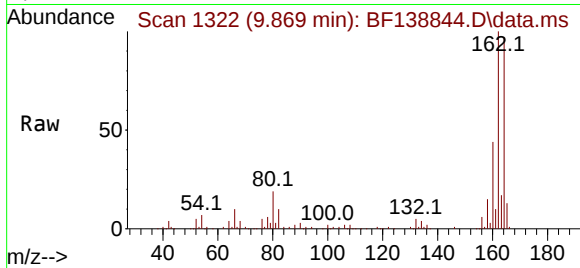




#51
2,6-Dinitrotoluene
Concen: 9.281 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

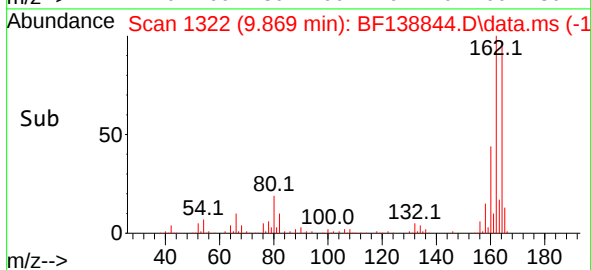
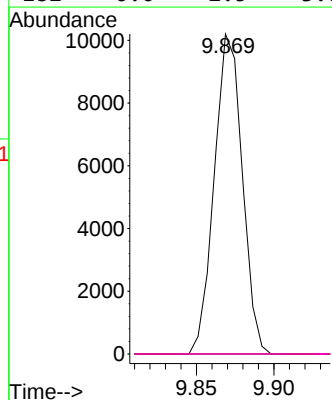
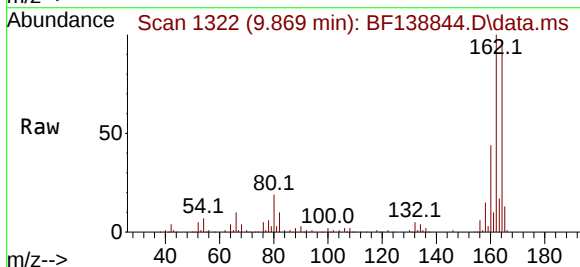
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion:165 Resp: 12811
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: 7.274 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion:165 Resp: 12811
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# 1

Delta R.T. -0.012 min

Lab File: BF138844.D

Acq: 07 Aug 2024 16:05

Instrument :

BNA_F

ClientSampleId :

921-J-WS-080124

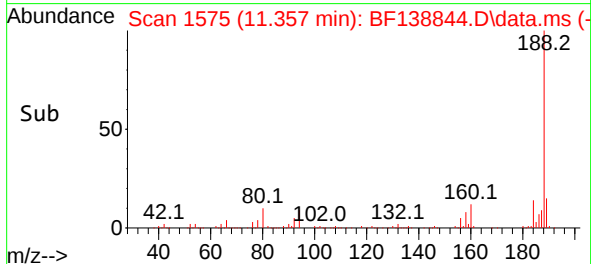
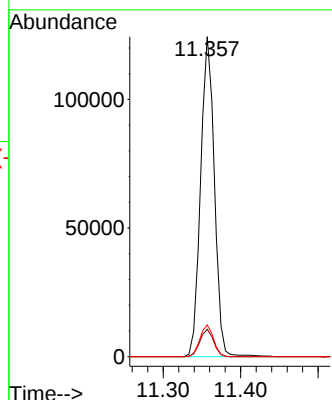
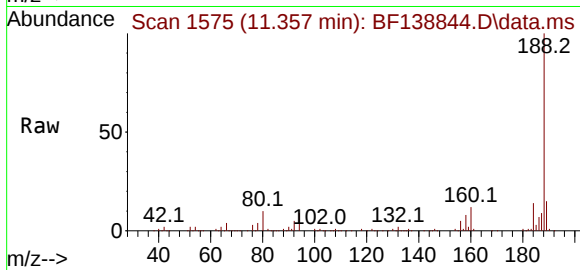
Tgt Ion:188 Resp: 153464

Ion Ratio Lower Upper

188 100

94 8.6 7.6 11.4

80 9.9 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.268 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138844.D

Acq: 07 Aug 2024 16:05

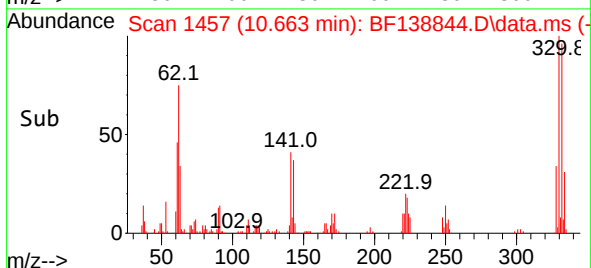
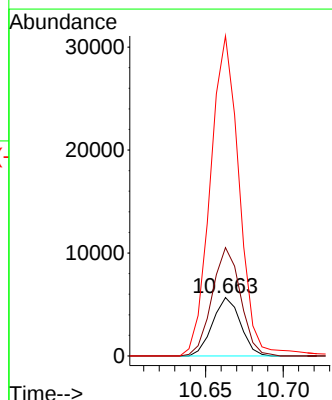
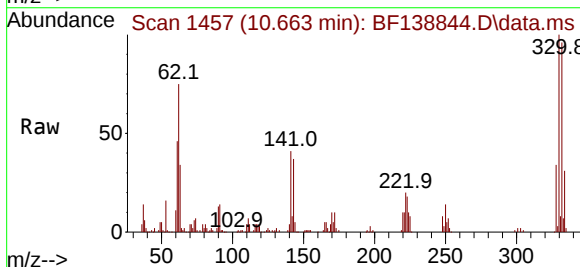
Tgt Ion:248 Resp: 7092

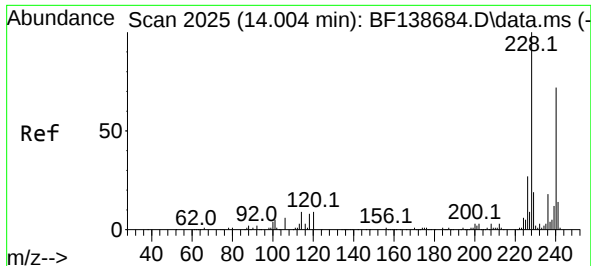
Ion Ratio Lower Upper

248 100

250 185.3 77.7 116.5#

141 547.2 68.0 102.0#

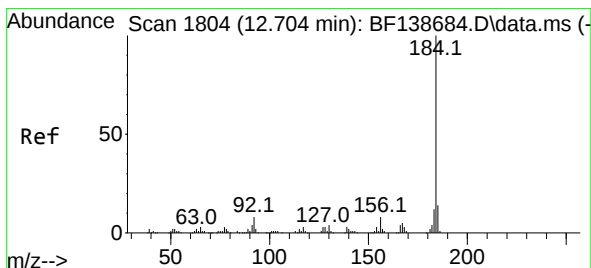
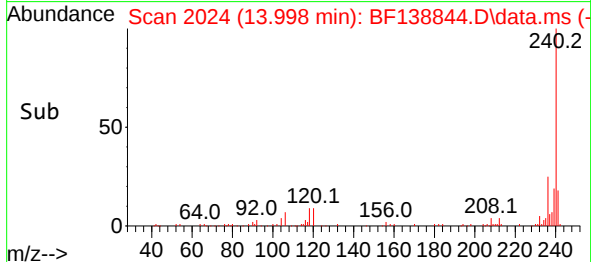
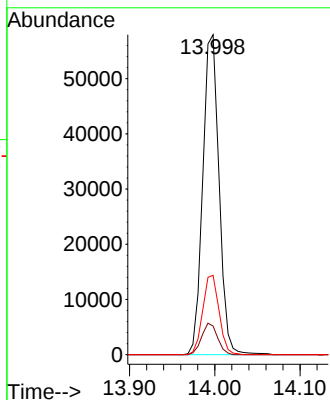
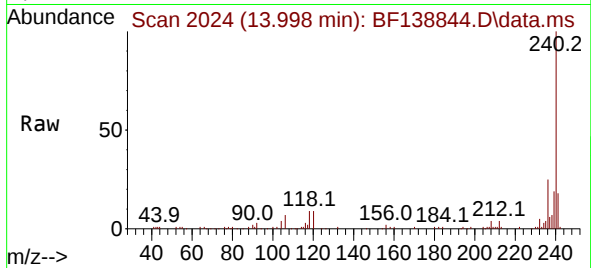




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

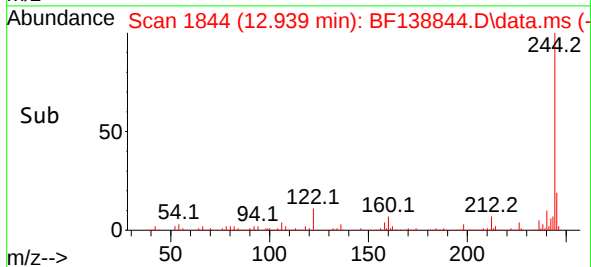
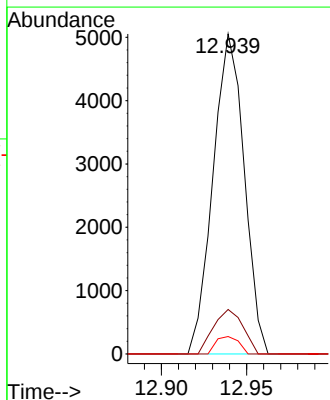
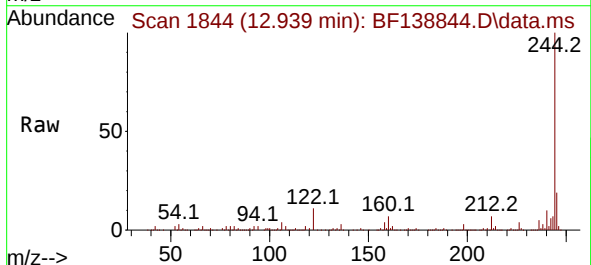
Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124

Tgt Ion:240 Resp: 77095
Ion Ratio Lower Upper
240 100
120 9.0 10.2 15.4#
236 24.8 19.8 29.8



#77
Benzidine
Concen: 3.478 ng
RT: 12.939 min Scan# 1844
Delta R.T. 0.235 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

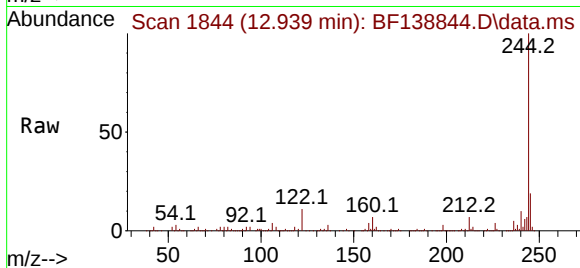
Tgt Ion:184 Resp: 6414
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 5.4 9.6 14.4#



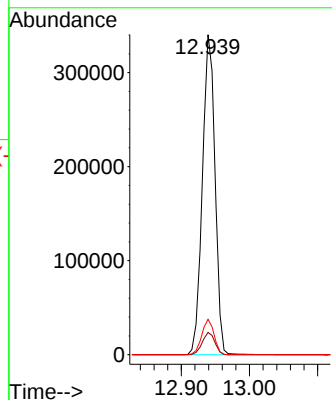
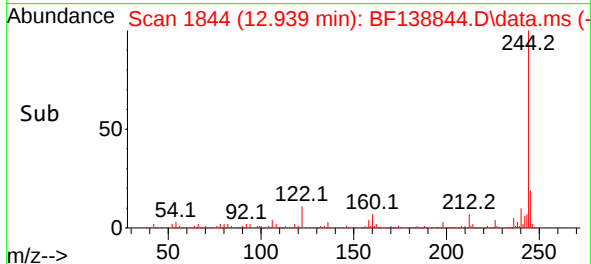


#79
Terphenyl-d14
Concen: 95.332 ng
RT: 12.939 min Scan# 1844
Delta R.T. -0.006 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Instrument :
BNA_F
ClientSampleId :
921-J-WS-080124



Tgt Ion:244 Resp: 438977
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.0 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF138844.D
Acq: 07 Aug 2024 16:05

Tgt Ion:264 Resp: 83649
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 20.7 17.0 25.6

