

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138821.D
 Acq On : 06 Aug 2024 22:54
 Operator : RC/JU
 Sample : P3459-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-383-398

Quant Time: Aug 07 01:06:25 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)

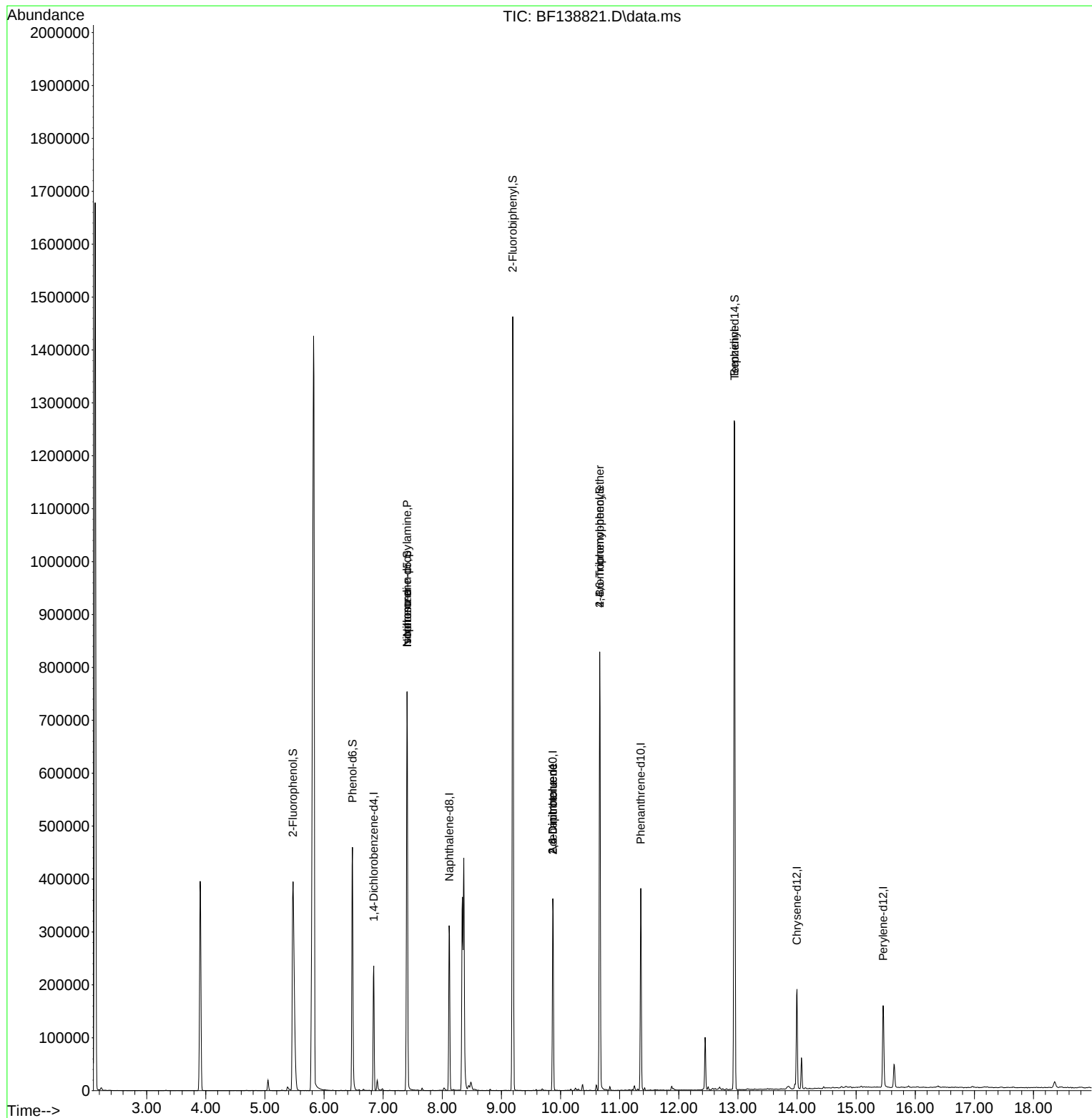
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	45596	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	188123	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	106190	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	187948	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	88684	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	89276	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	232965	78.870	ng	0.00
7) Phenol-d6	6.481	99	196676	49.594	ng	0.00
23) Nitrobenzene-d5	7.404	82	334265	86.872	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	124990	143.693	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	624928	88.422	ng	-0.01
79) Terphenyl-d14	12.945	244	634972	119.877	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	45904	19.165	ng	# 78
25) Isophorone	7.404	82	334263	50.875	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	14219	9.279	ng	# 21
57) 2,4-Dinitrotoluene	9.869	165	14219	7.273	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	9099	4.471	ng	# 1
77) Benzidine	12.939	184	8899	4.195	ng	# 92

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

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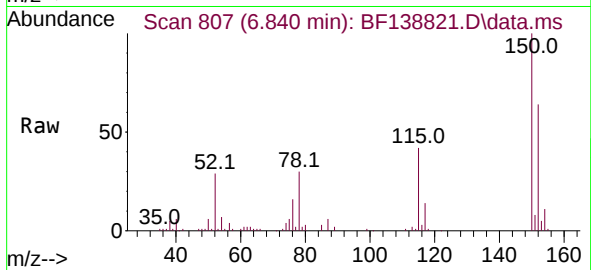
Quant Time: Aug 07 01:06:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



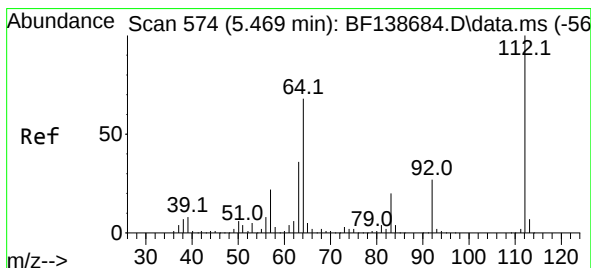
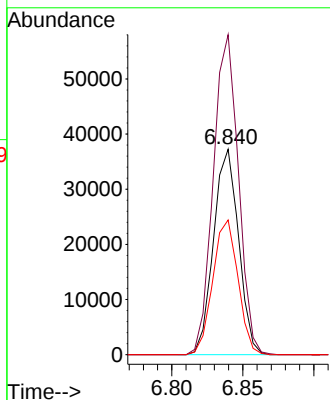
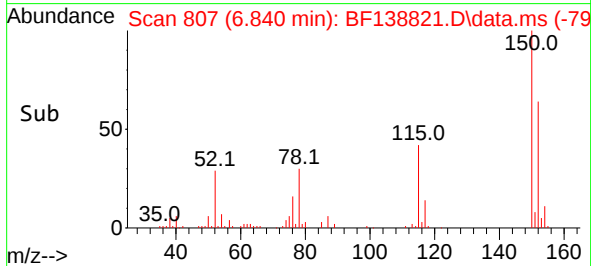


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

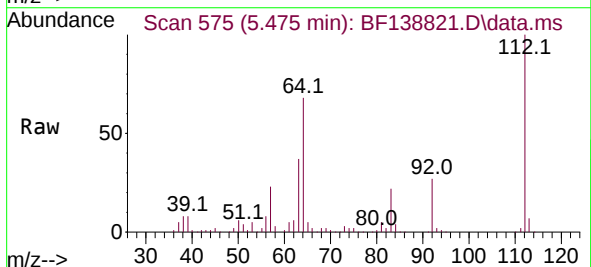
Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398



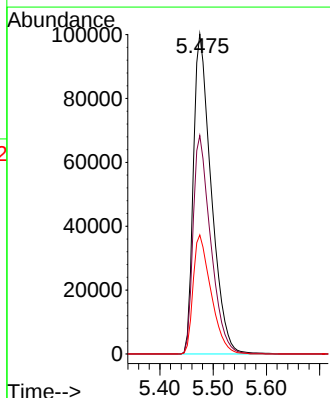
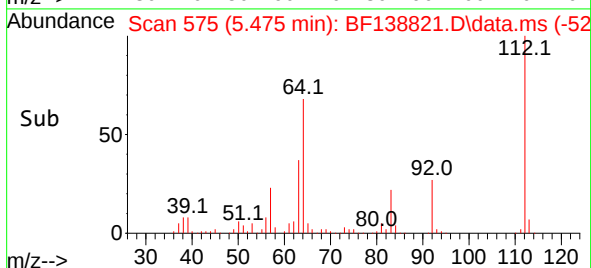
Tgt Ion:152 Resp: 45596
Ion Ratio Lower Upper
152 100
150 155.8 126.0 189.0
115 65.5 51.7 77.5



#5
2-Fluorophenol
Concen: 78.870 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54



Tgt Ion:112 Resp: 232965
Ion Ratio Lower Upper
112 100
64 68.3 54.2 81.4
63 37.2 28.7 43.1

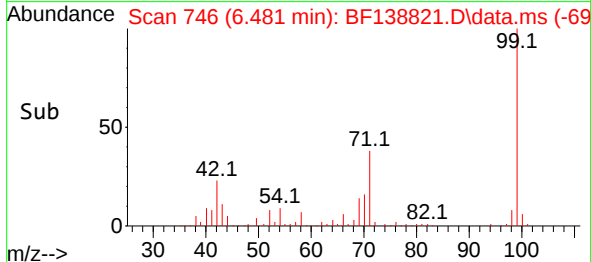
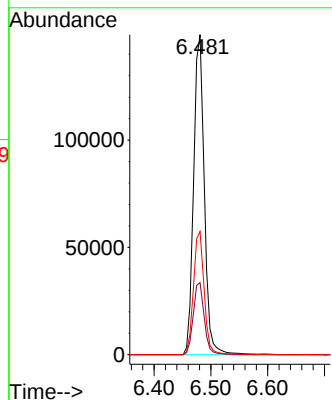
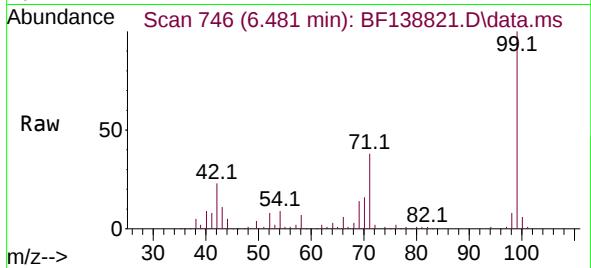




#7
Phenol-d6
Concen: 49.594 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

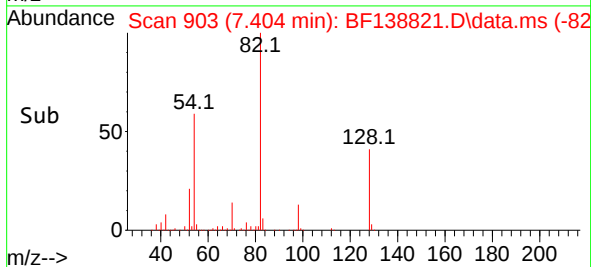
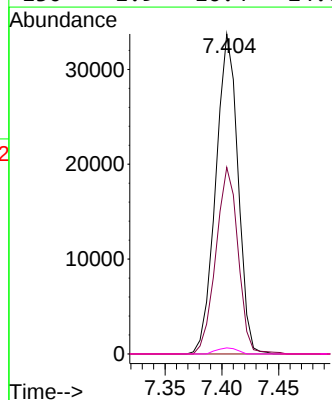
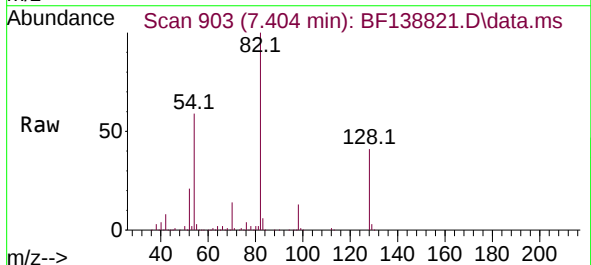
Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398

Tgt Ion: 99 Resp: 196676
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 38.5 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.165 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

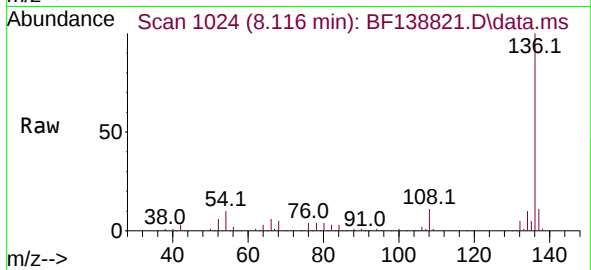
Tgt Ion: 70 Resp: 45904
Ion Ratio Lower Upper
70 100
42 58.3 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#





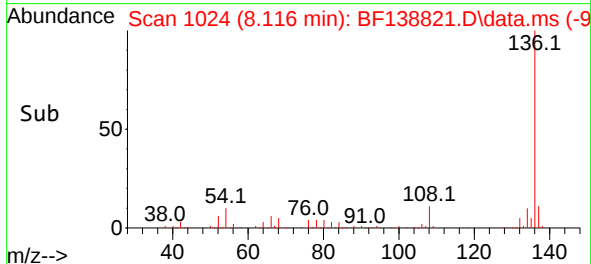
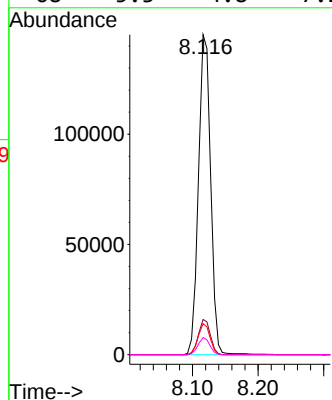
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398



Tgt Ion:136 Resp: 188123

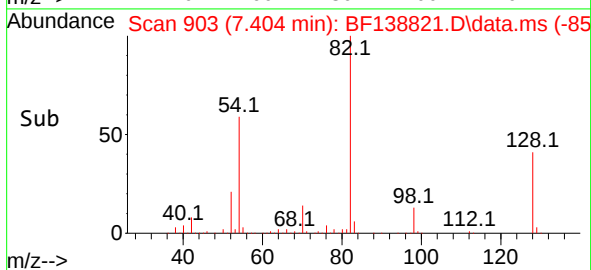
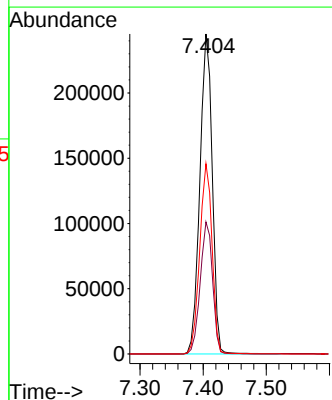
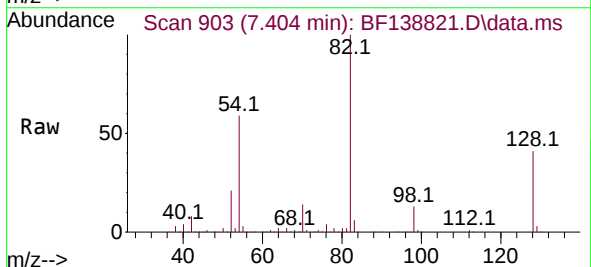
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	9.7	8.6	12.8
68	5.3	4.8	7.2

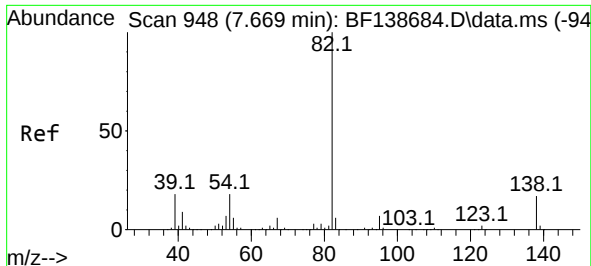


#23
Nitrobenzene-d5
Concen: 86.872 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Tgt Ion: 82 Resp: 334265

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	59.5	48.3	72.5

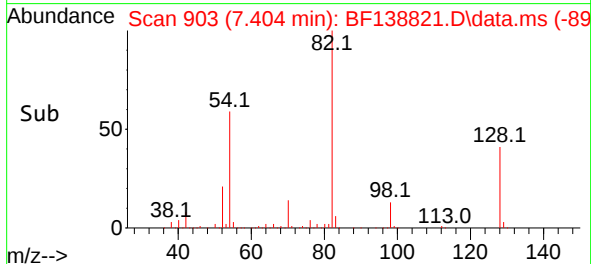
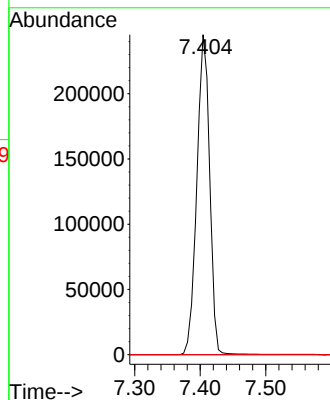
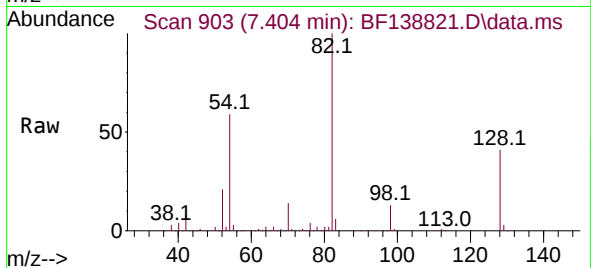




#25
Isophorone
Concen: 50.875 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

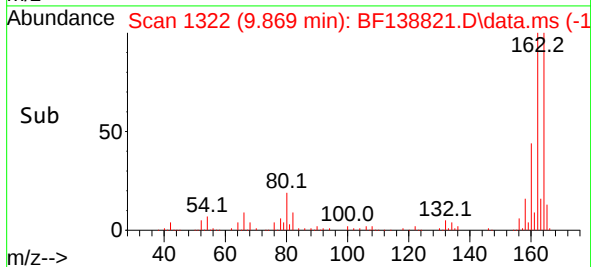
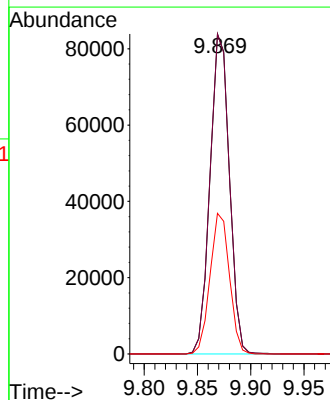
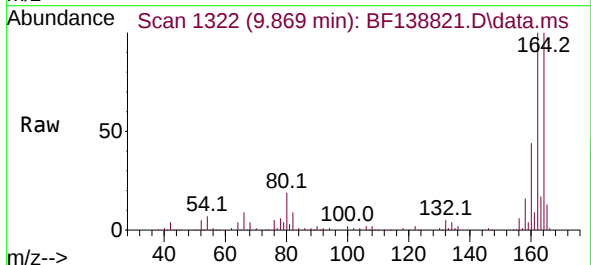
Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398

Tgt Ion: 82 Resp: 334263
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: BF138821.D
Acq: 06 Aug 2024 22:54

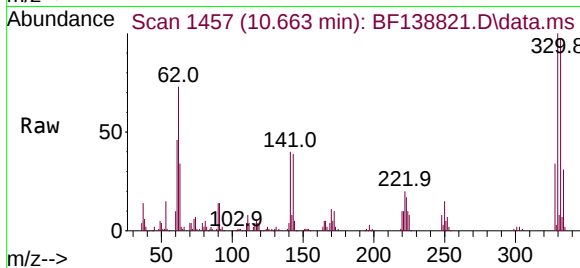
Tgt Ion: 164 Resp: 106190
Ion Ratio Lower Upper
164 100
162 100.0 79.4 119.0
160 43.9 35.1 52.7



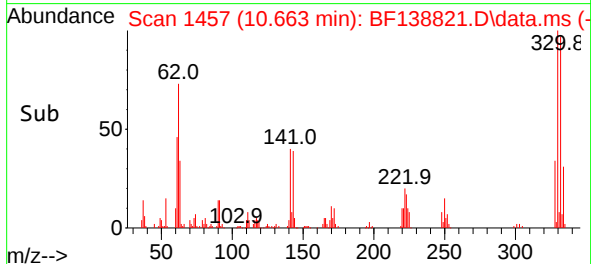
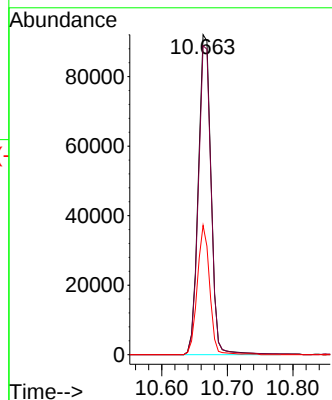


#42
2,4,6-Tribromophenol
Concen: 143.693 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398

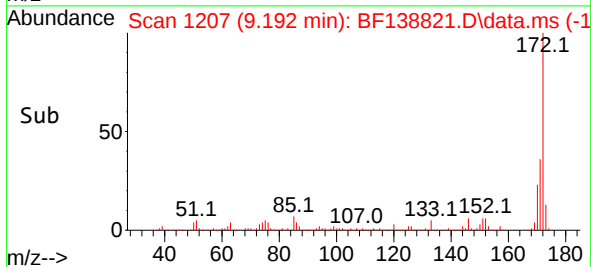
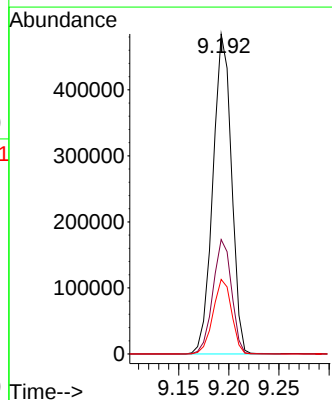
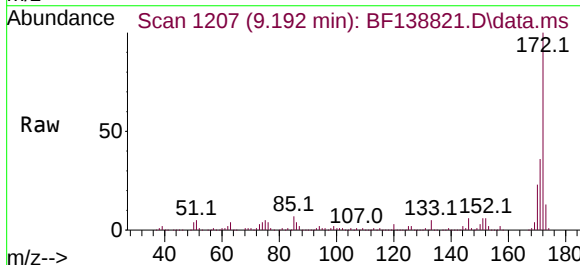


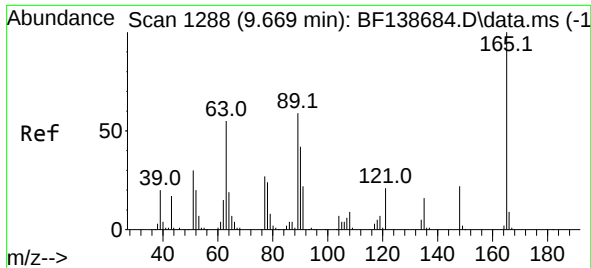
Tgt Ion:330 Resp: 124990
Ion Ratio Lower Upper
330 100
332 97.1 76.4 114.6
141 39.1 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 88.422 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Tgt Ion:172 Resp: 624928
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.3 18.8 28.2

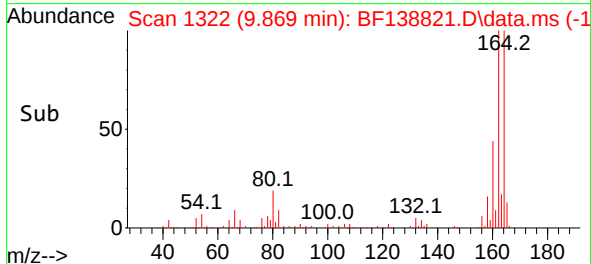
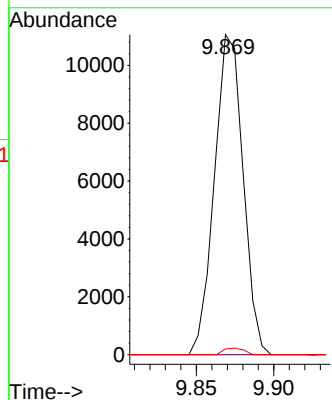
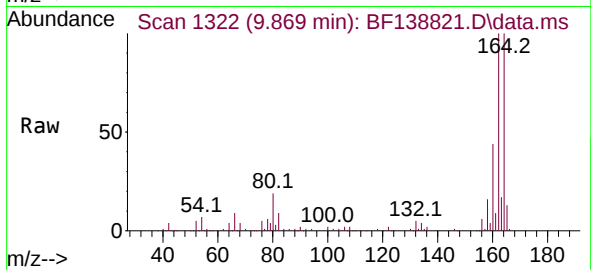




#51
2,6-Dinitrotoluene
Concen: 9.279 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

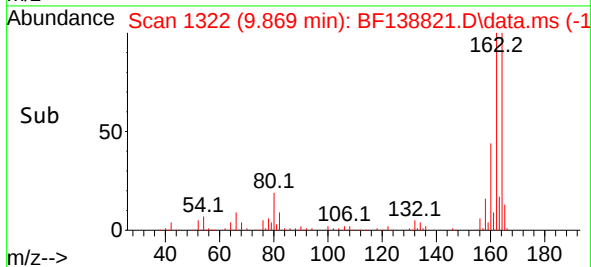
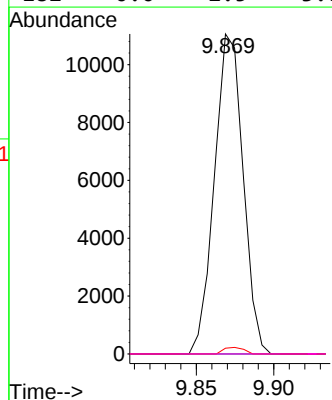
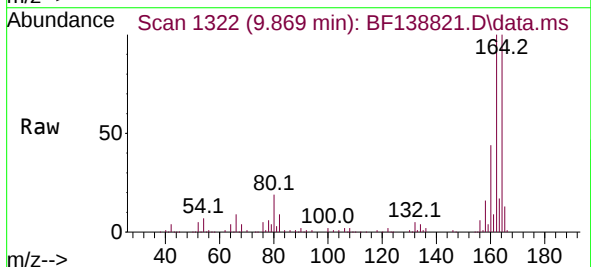
Instrument :
BNA_F
ClientSampleId :
MLS-15-383-398

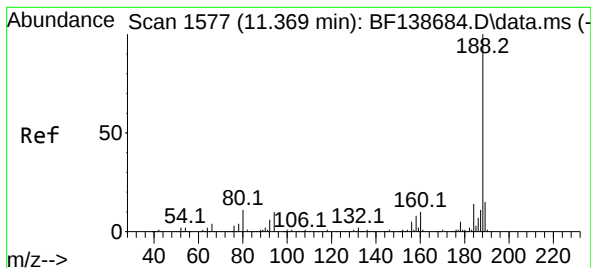
Tgt Ion:165 Resp: 14219
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.8 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.273 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138821.D
Acq: 06 Aug 2024 22:54

Tgt Ion:165 Resp: 14219
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.8 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: BF138821.D

Acq: 06 Aug 2024 22:54

Instrument :

BNA_F

ClientSampleId :

MLS-15-383-398

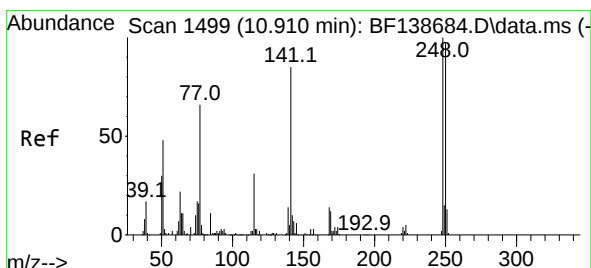
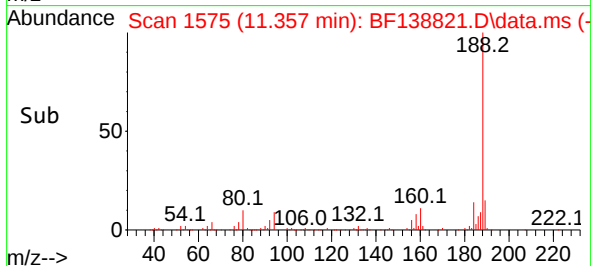
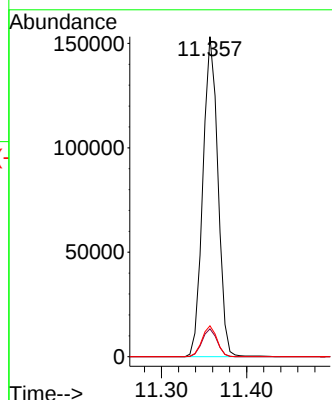
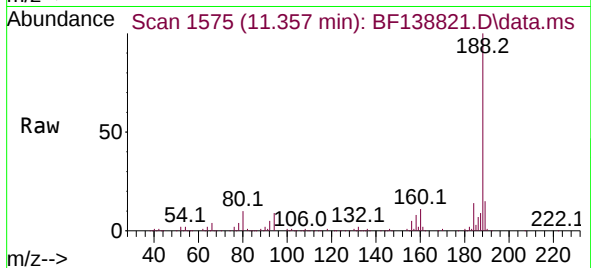
Tgt Ion:188 Resp: 187948

Ion Ratio Lower Upper

188 100

94 8.7 7.6 11.4

80 9.7 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 4.471 ng

RT: 10.663 min Scan# 1457

Delta R.T. -0.247 min

Lab File: BF138821.D

Acq: 06 Aug 2024 22:54

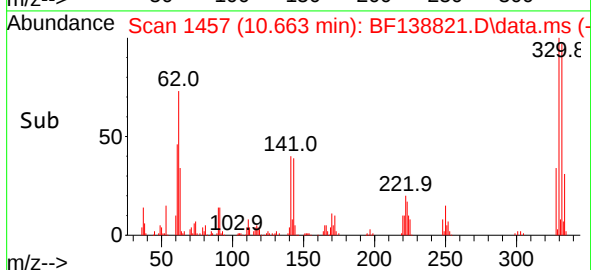
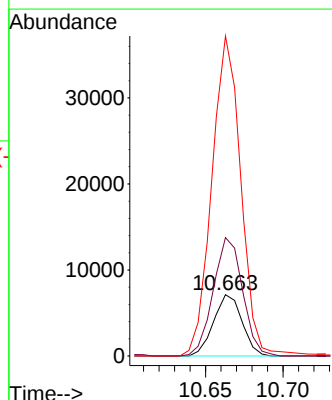
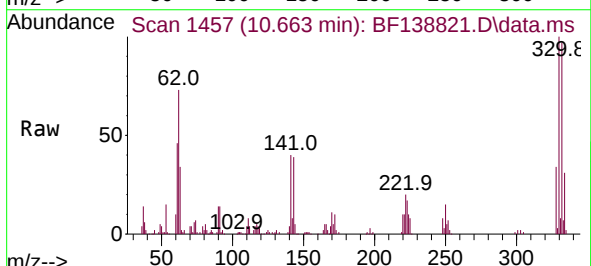
Tgt Ion:248 Resp: 9099

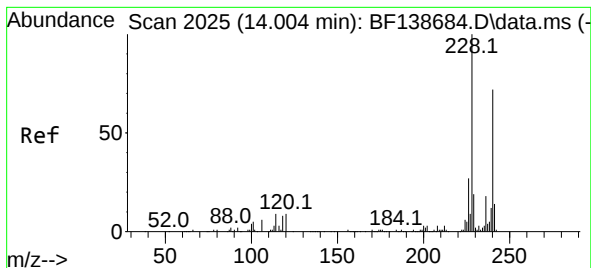
Ion Ratio Lower Upper

248 100

250 193.2 77.7 116.5#

141 522.3 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: BF138821.D

Acq: 06 Aug 2024 22:54

Instrument :

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MLS-15-383-398

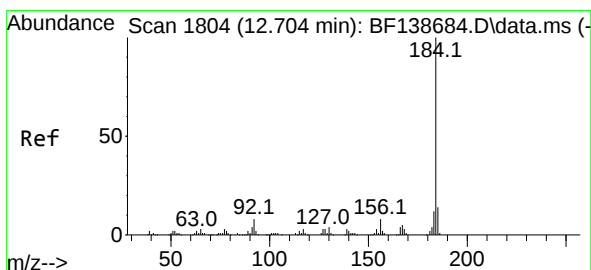
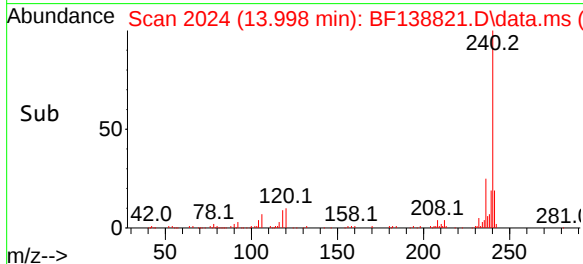
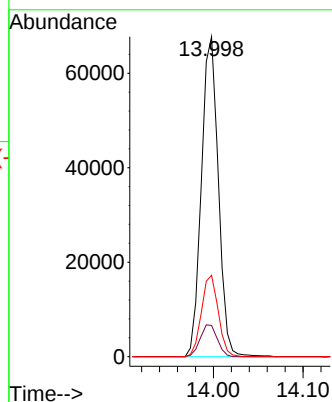
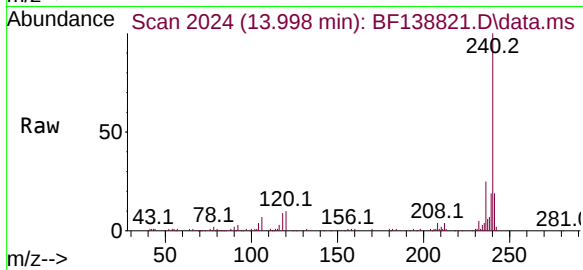
Tgt Ion:240 Resp: 88684

Ion Ratio Lower Upper

240 100

120 9.7 10.2 15.4#

236 25.5 19.8 29.8



#77

Benzdine

Concen: 4.195 ng

RT: 12.939 min Scan# 1844

Delta R.T. 0.235 min

Lab File: BF138821.D

Acq: 06 Aug 2024 22:54

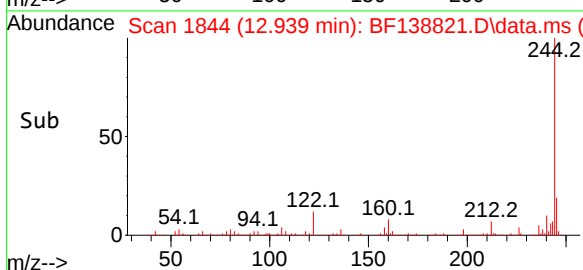
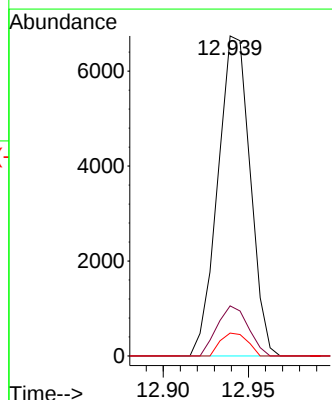
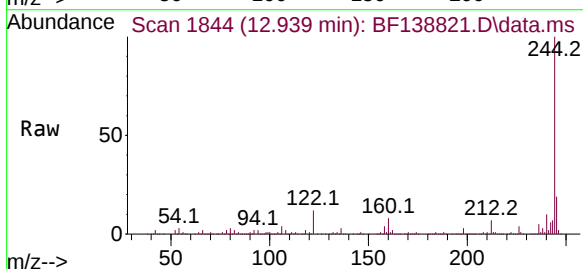
Tgt Ion:184 Resp: 8899

Ion Ratio Lower Upper

184 100

185 15.7 11.1 16.7

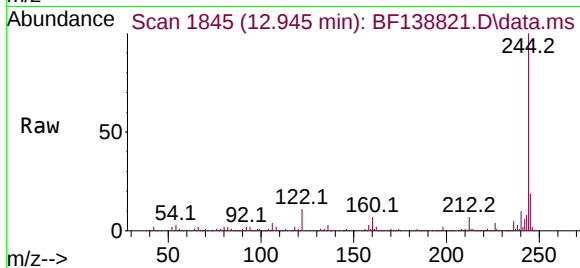
183 7.2 9.6 14.4#





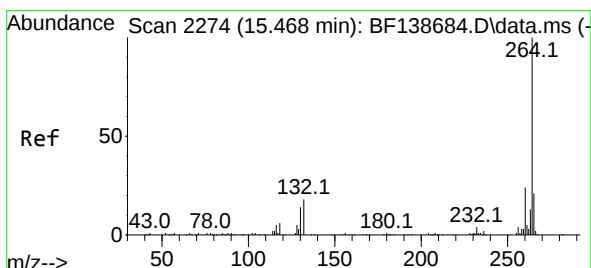
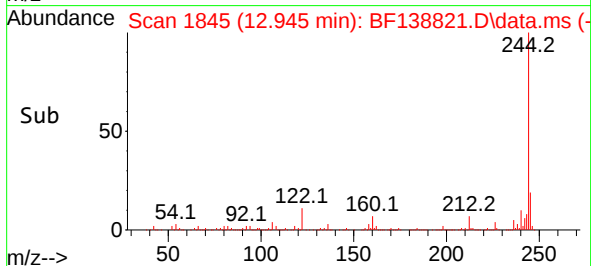
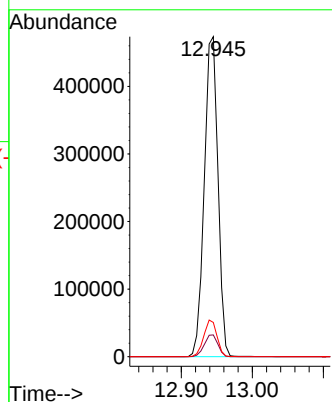
#79
 Terphenyl-d14
 Concen: 119.877 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: BF138821.D
 Acq: 06 Aug 2024 22:54

Instrument :
 BNA_F
 ClientSampleId :
 MLS-15-383-398



Tgt Ion:244 Resp: 634972

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.7	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: BF138821.D
 Acq: 06 Aug 2024 22:54

Tgt Ion:264 Resp: 89276

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.6
265	20.9	17.0	25.6

