

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138991.D
 Acq On : 14 Aug 2024 13:37
 Operator : RC/JU
 Sample : P3474-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-A1-COMP

Quant Time: Aug 14 14:17:52 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)

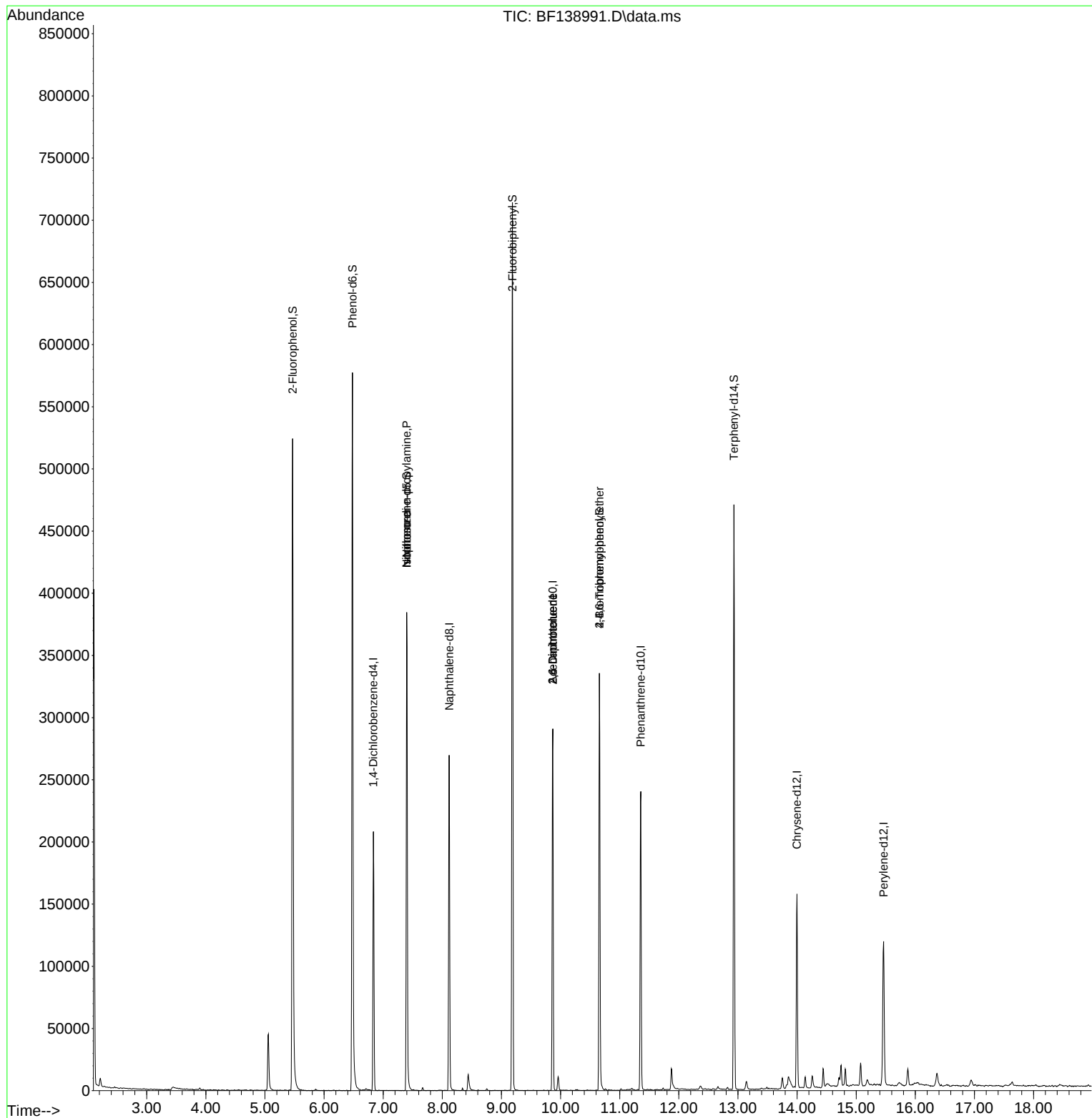
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	39301	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	155513	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	84689	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	127667	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	74161	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	66276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	181312	71.215	ng	0.00
7) Phenol-d6	6.481	99	247810	72.496	ng	0.00
23) Nitrobenzene-d5	7.398	82	163115	51.281	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	46637	67.228	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	284739	50.517	ng	-0.02
79) Terphenyl-d14	12.933	244	211311	47.706	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.398	70	22014	10.663	ng	# 81
25) Isophorone	7.398	82	163114	30.032	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	10083	8.251	ng	# 19
57) 2,4-Dinitrotoluene	9.869	165	10083	6.467	ng	# 16
67) 4-Bromophenyl-phenylether	10.657	248	3266	2.363	ng	# 1

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

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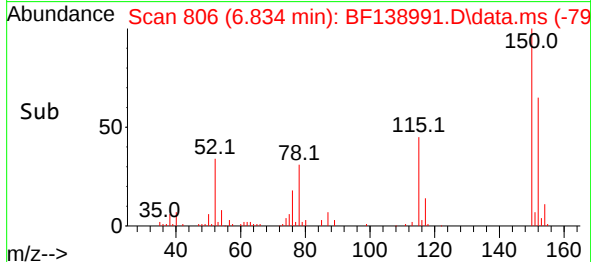
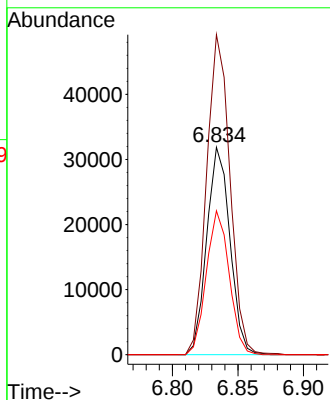
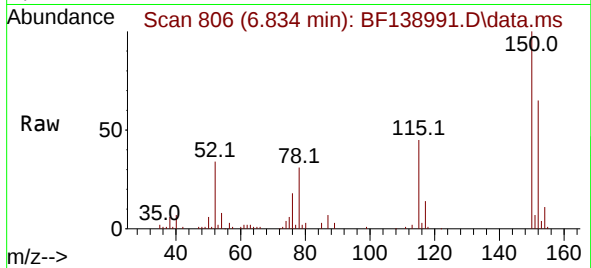




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

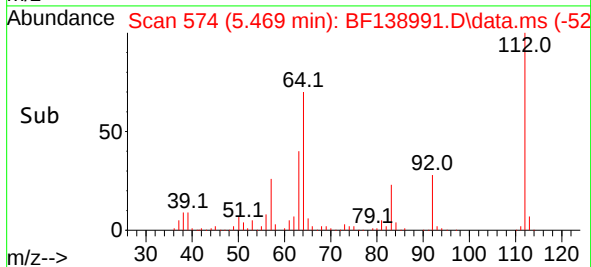
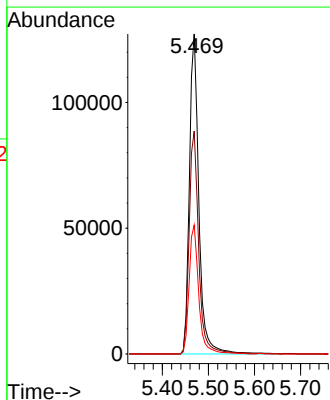
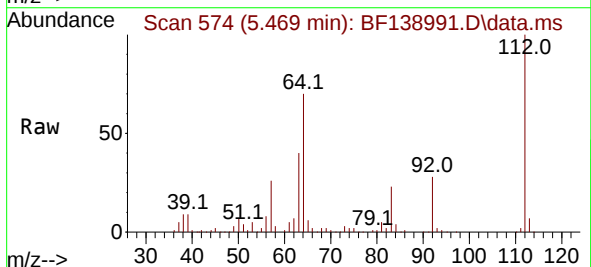
Instrument :
BNA_F
ClientSampleId :
WC-A1-COMP

Tgt Ion:152 Resp: 39301
Ion Ratio Lower Upper
152 100
150 154.3 126.0 189.0
115 69.4 51.7 77.5



#5
2-Fluorophenol
Concen: 71.215 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

Tgt Ion:112 Resp: 181312
Ion Ratio Lower Upper
112 100
64 69.6 54.2 81.4
63 40.3 28.7 43.1

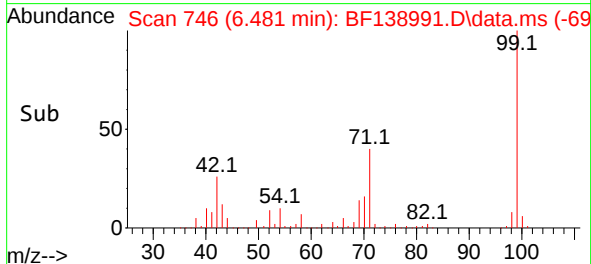
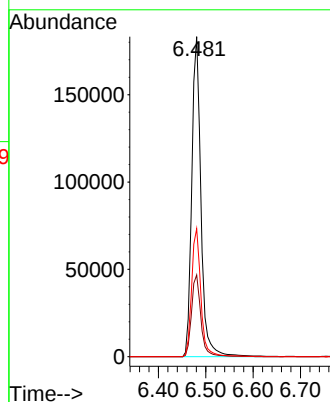
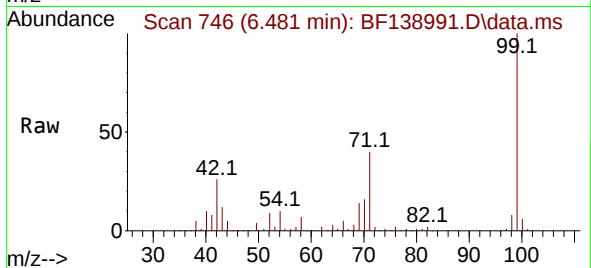




#7
Phenol-d6
Concen: 72.496 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

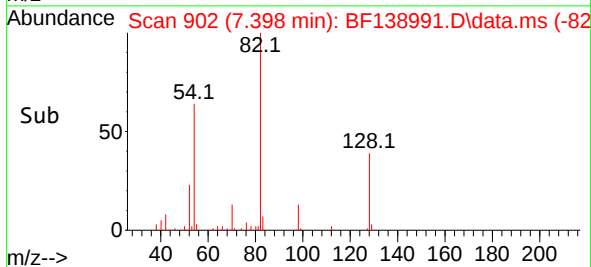
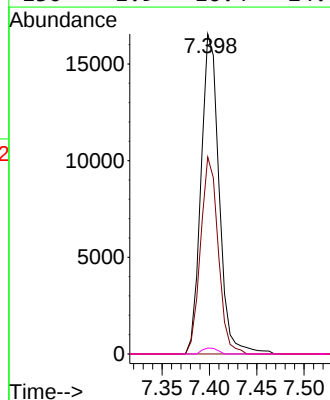
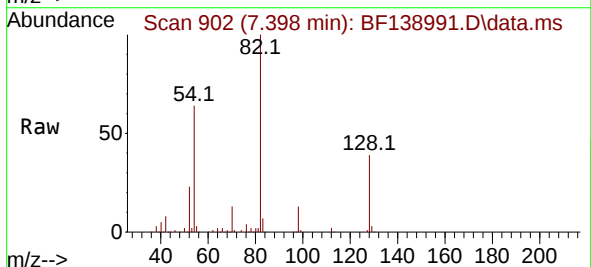
Instrument :
BNA_F
ClientSampleId :
WC-A1-COMP

Tgt Ion: 99 Resp: 247810
Ion Ratio Lower Upper
99 100
42 25.5 17.4 26.0
71 40.0 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 10.663 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

Tgt Ion: 70 Resp: 22014
Ion Ratio Lower Upper
70 100
42 61.6 57.4 86.0
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#



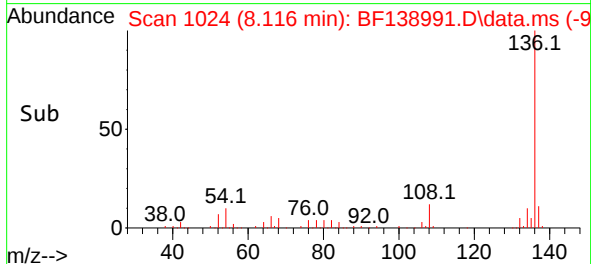
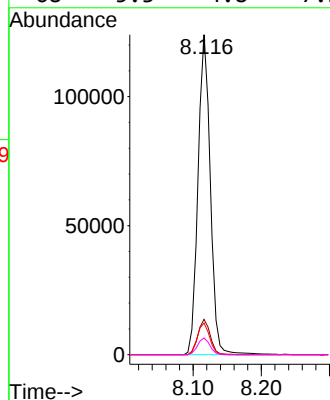
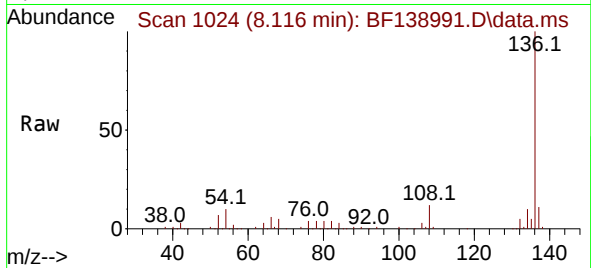


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

Instrument :
BNA_F
ClientSampleId :
WC-A1-COMP

Tgt Ion:136 Resp: 155513

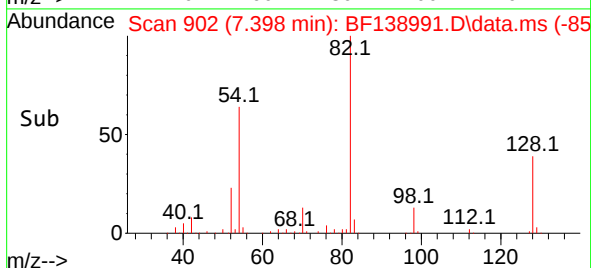
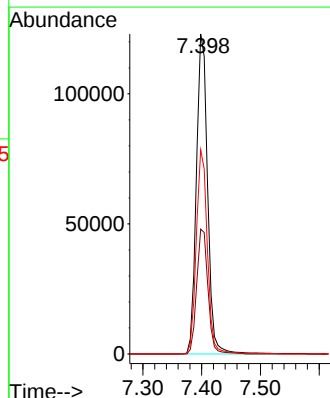
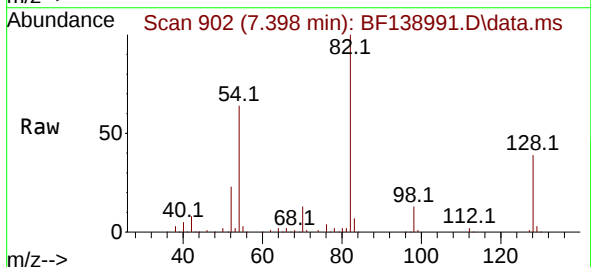
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	9.9	8.6	12.8
68	5.3	4.8	7.2



#23
Nitrobenzene-d5
Concen: 51.281 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

Tgt Ion: 82 Resp: 163115

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.8	49.2
54	63.8	48.3	72.5

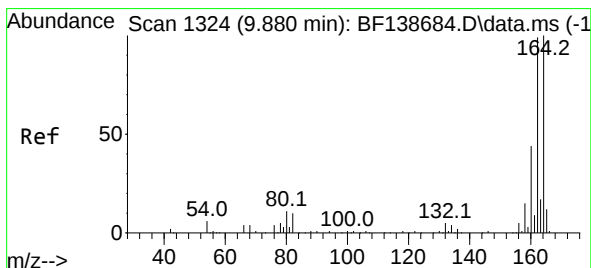
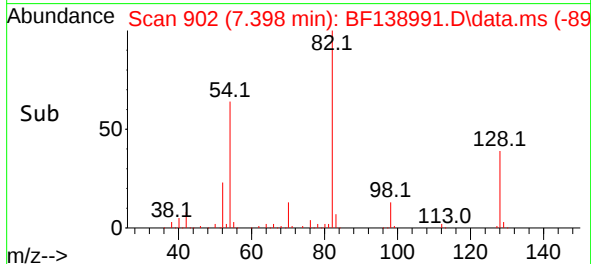
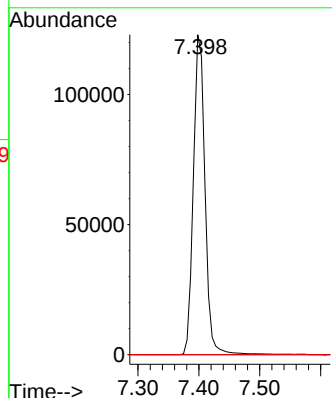
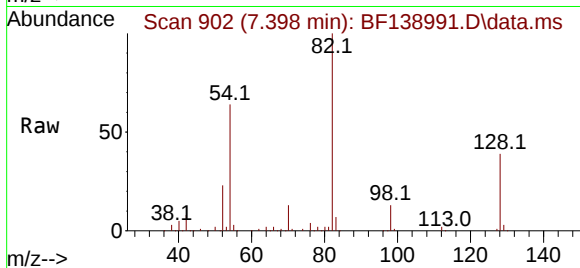




#25
Isophorone
Concen: 30.032 ng
RT: 7.398 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

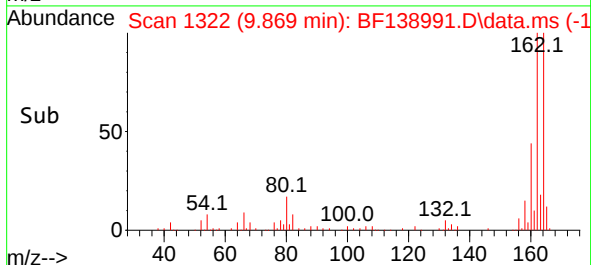
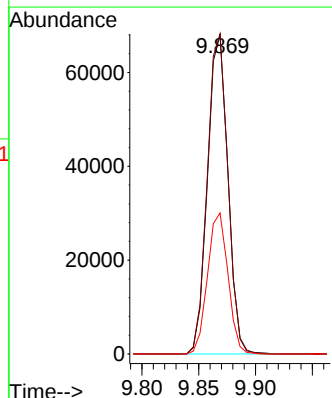
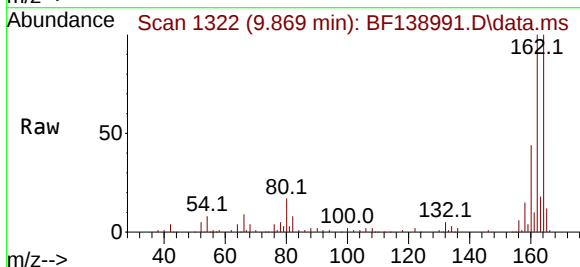
Instrument :
BNA_F
ClientSampleId :
WC-A1-COMP

Tgt Ion: 82 Resp: 163114
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: BF138991.D
Acq: 14 Aug 2024 13:37

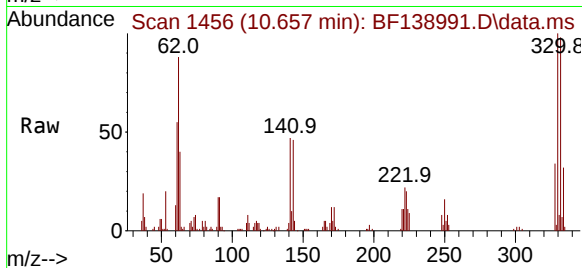
Tgt Ion:164 Resp: 84689
Ion Ratio Lower Upper
164 100
162 100.3 79.4 119.0
160 44.2 35.1 52.7



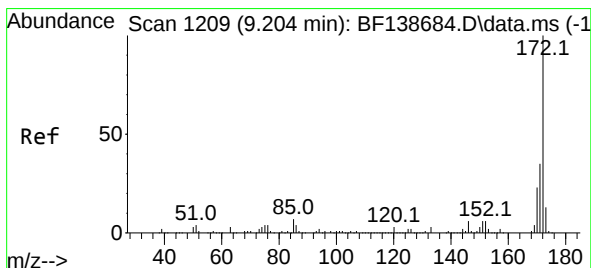
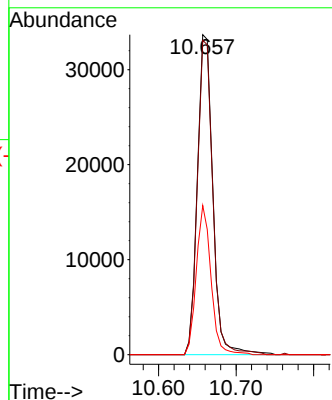
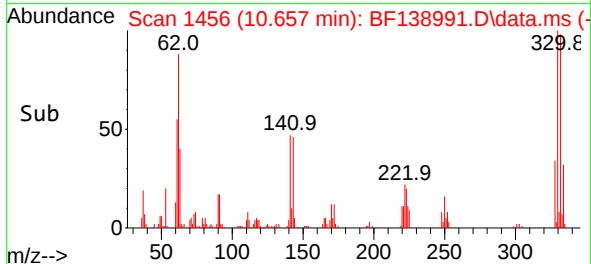


#42
2,4,6-Tribromophenol
Concen: 67.228 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

Instrument :
BNA_F
ClientSampleId :
WC-A1-COMP

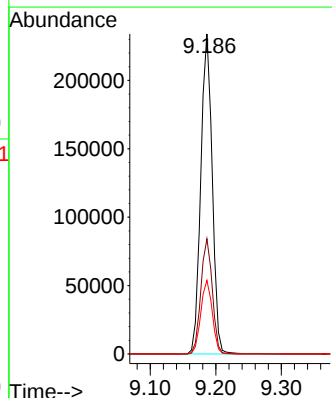
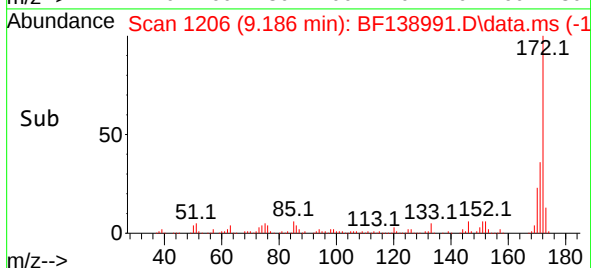
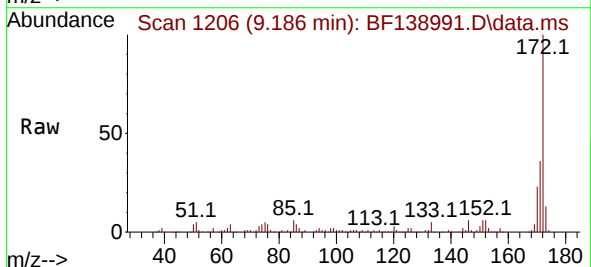


Tgt Ion:330 Resp: 46637
Ion Ratio Lower Upper
330 100
332 97.4 76.4 114.6
141 44.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 50.517 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

Tgt Ion:172 Resp: 284739
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.0 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.251 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.200 min

Lab File: BF138991.D

Acq: 14 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

WC-A1-COMP

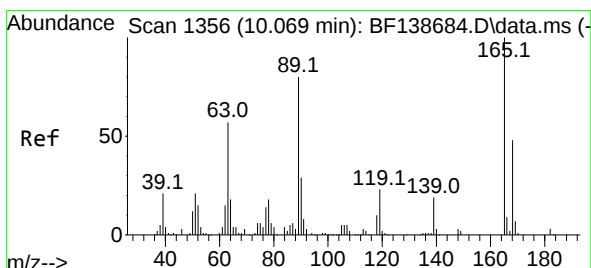
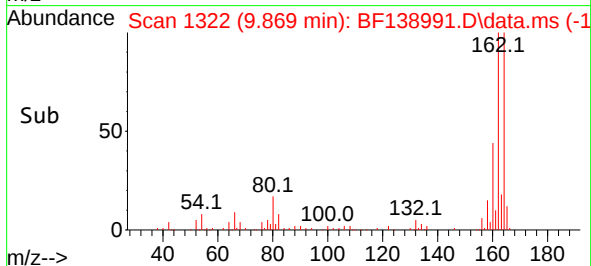
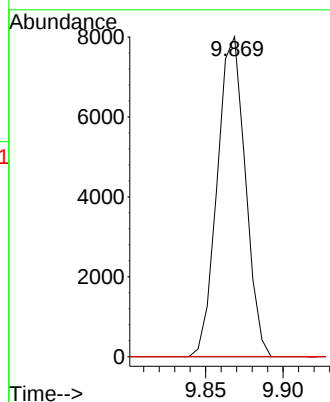
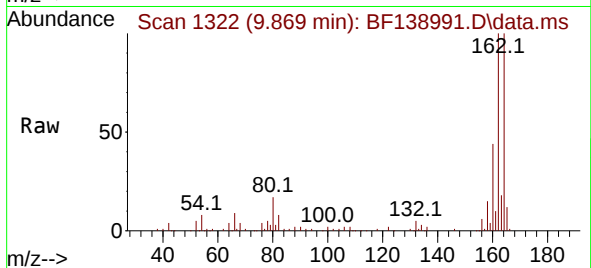
Tgt Ion:165 Resp: 10083

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: 6.467 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.200 min

Lab File: BF138991.D

Acq: 14 Aug 2024 13:37

Tgt Ion:165 Resp: 10083

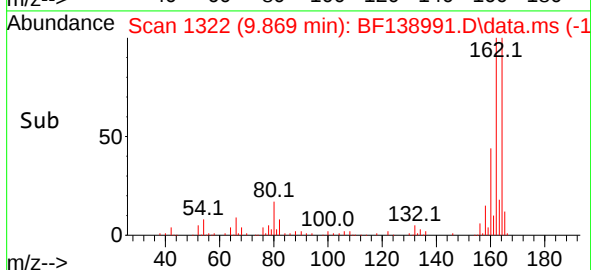
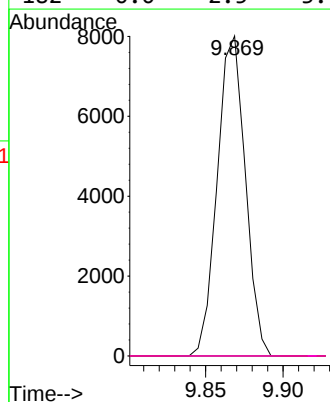
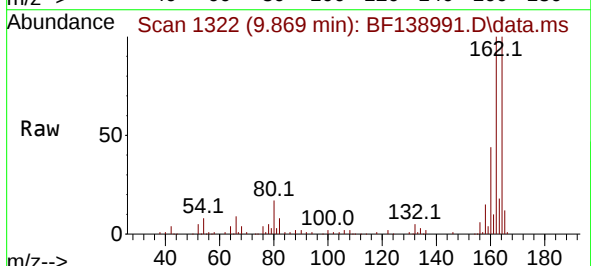
Ion Ratio Lower Upper

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: BF138991.D

Acq: 14 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

WC-A1-COMP

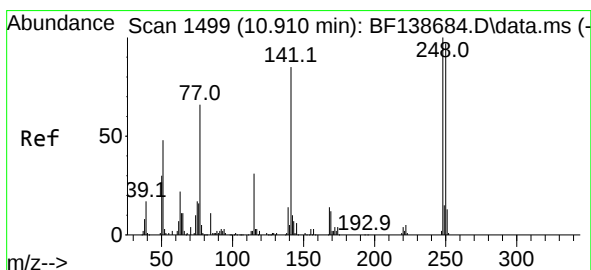
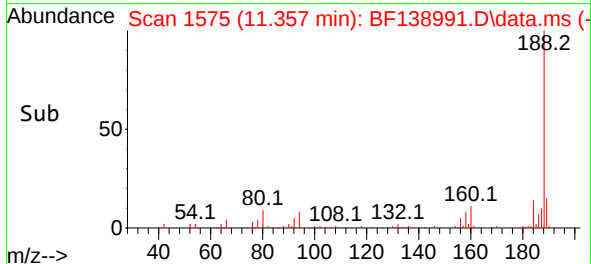
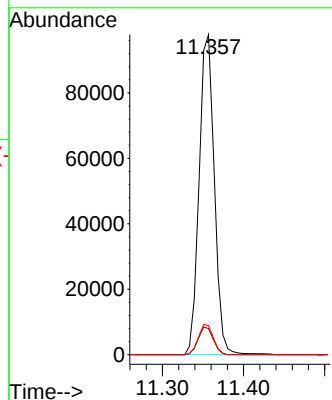
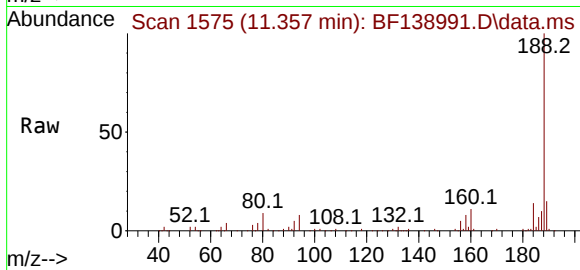
Tgt Ion:188 Resp: 127667

Ion Ratio Lower Upper

188 100

94 8.2 7.6 11.4

80 9.1 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 2.363 ng

RT: 10.657 min Scan# 1456

Delta R.T. -0.253 min

Lab File: BF138991.D

Acq: 14 Aug 2024 13:37

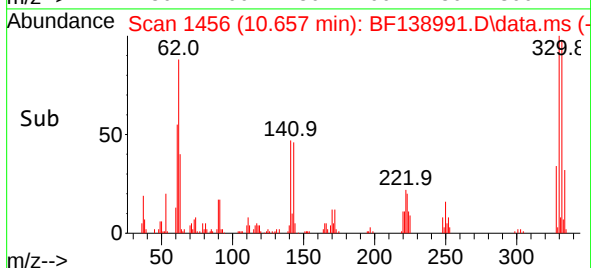
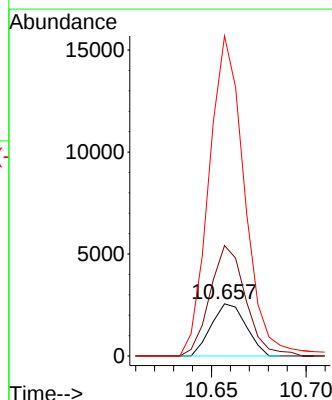
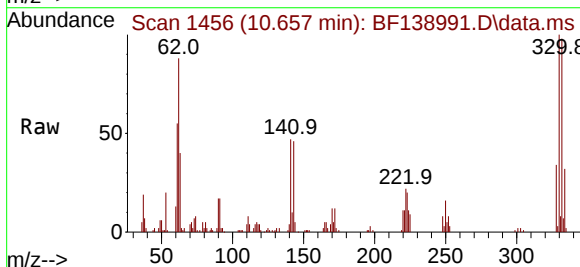
Tgt Ion:248 Resp: 3266

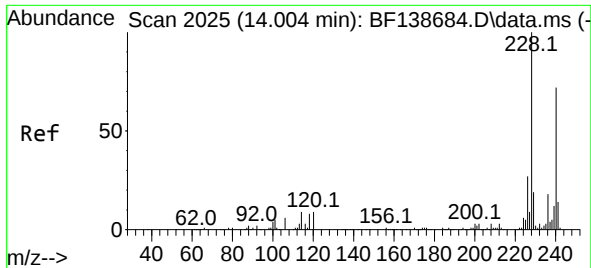
Ion Ratio Lower Upper

248 100

250 211.5 77.7 116.5#

141 613.0 68.0 102.0#

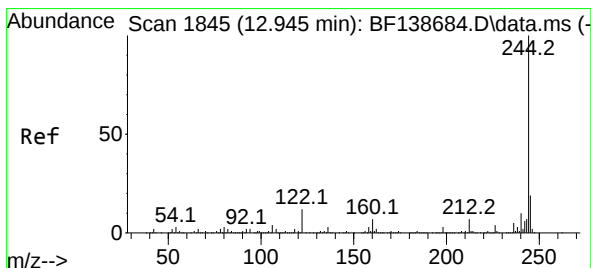
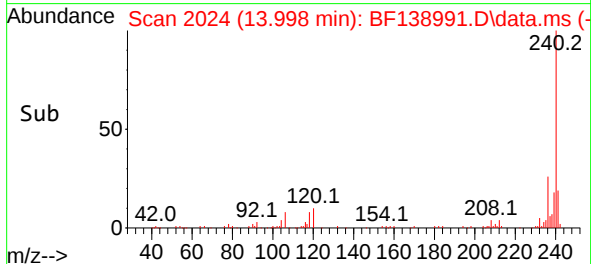
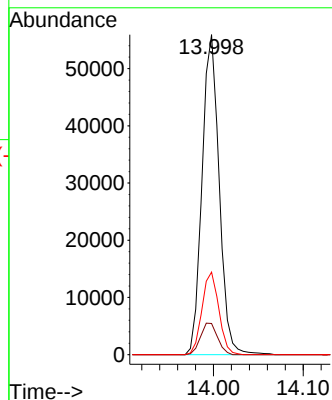
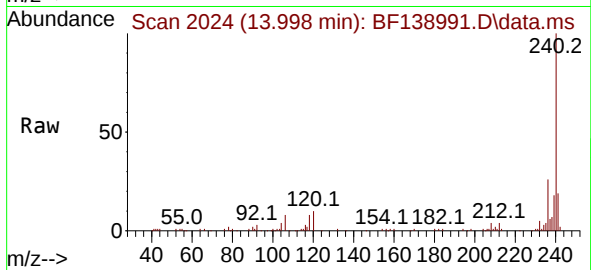




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

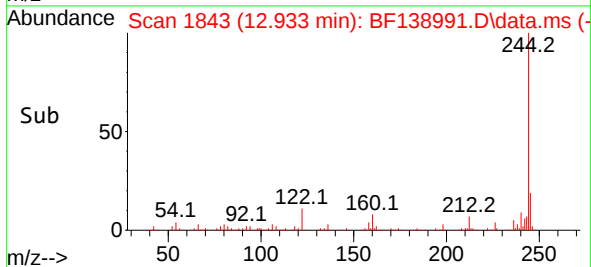
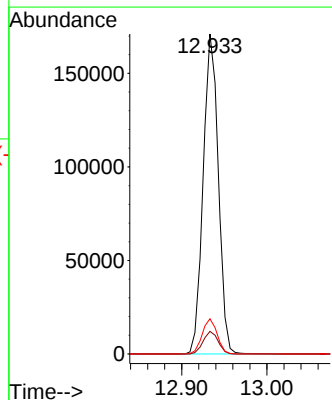
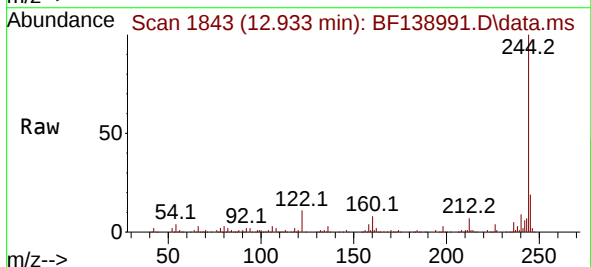
Instrument :
BNA_F
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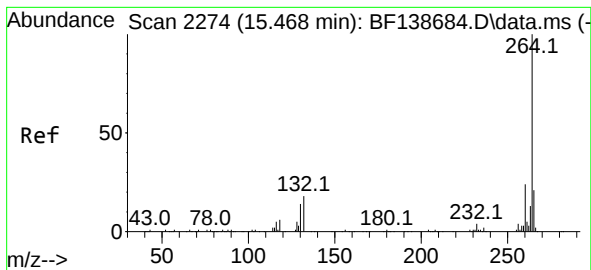
Tgt Ion:240 Resp: 74161
Ion Ratio Lower Upper
240 100
120 9.8 10.2 15.4#
236 25.8 19.8 29.8



#79
Terphenyl-d14
Concen: 47.706 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF138991.D
Acq: 14 Aug 2024 13:37

Tgt Ion:244 Resp: 211311
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 11.0 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.462 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138991.D

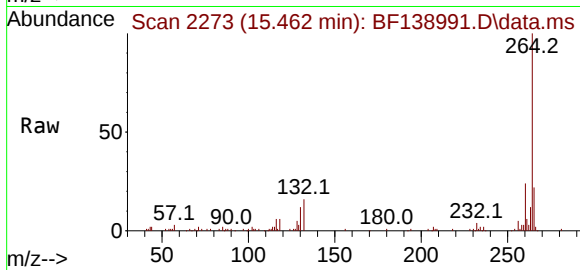
Acq: 14 Aug 2024 13:37

Instrument :

BNA_F

ClientSampleId :

WC-A1-COMP



Tgt Ion:264 Resp: 66276

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 22.1 17.0 25.6

