

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138881.D
 Acq On : 09 Aug 2024 10:50
 Operator : RC/JU
 Sample : PB162358BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162358BL

Quant Time: Aug 09 11:51:46 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)

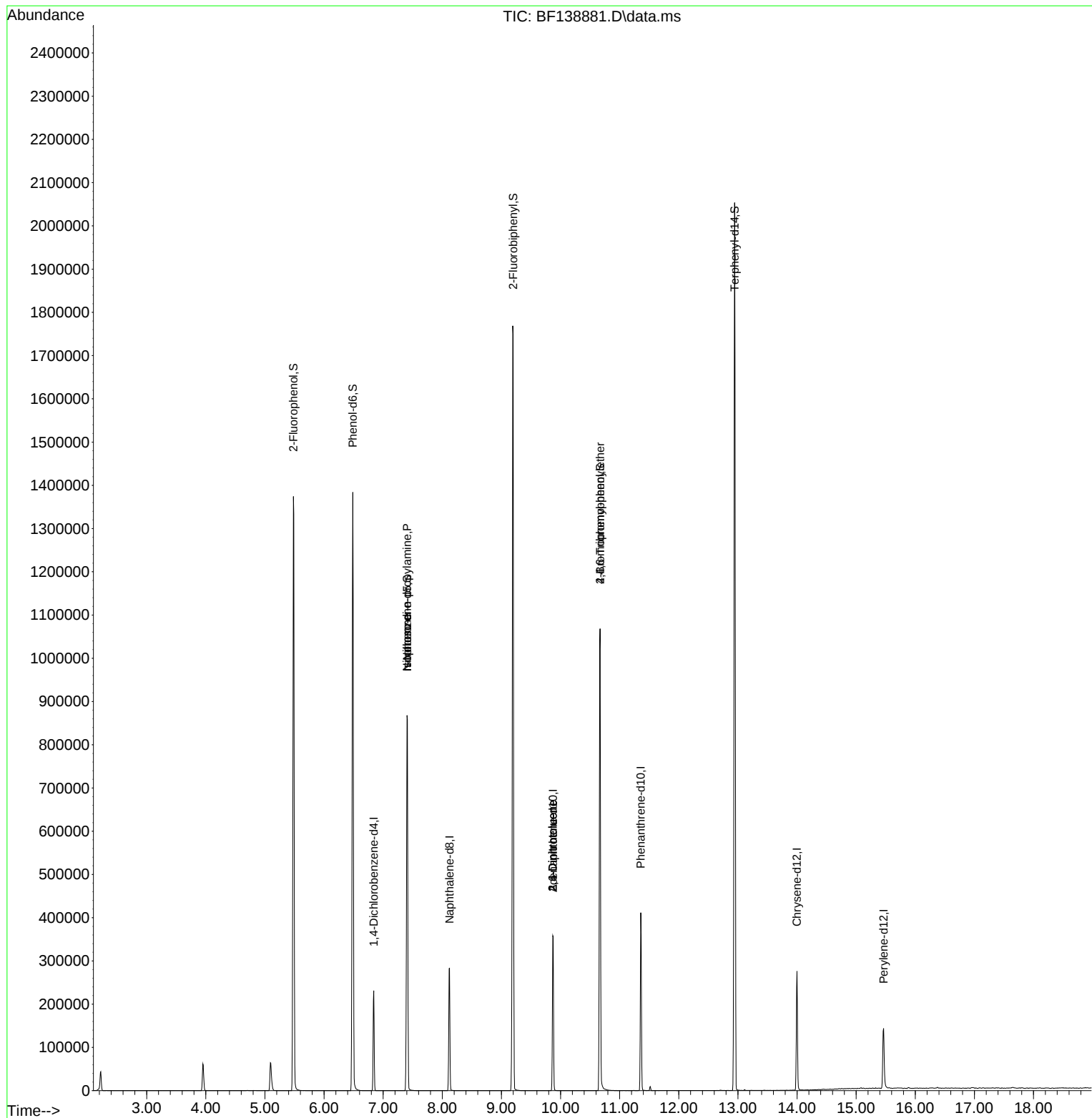
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	43125	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	181651	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	110150	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	210869	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	130997	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	89677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	481628	172.398	ng	0.01
7) Phenol-d6	6.487	99	647577	172.649	ng	0.00
23) Nitrobenzene-d5	7.404	82	419191	112.825	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	166969	185.053	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	811287	110.663	ng	0.00
79) Terphenyl-d14	12.945	244	1025986	131.131	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	58572	25.855	ng	# 77
25) Isophorone	7.404	82	415881	65.553	ng	# 66
51) 2,6-Dinitrotoluene	9.869	165	14366	9.038	ng	# 20
57) 2,4-Dinitrotoluene	9.869	165	14366	7.084	ng	# 17
67) 4-Bromophenyl-phenylether	10.669	248	12783	5.599	ng	# 1

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

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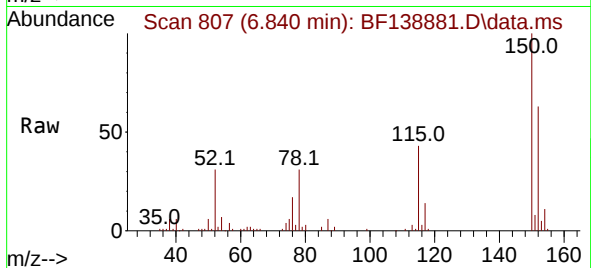
Quant Time: Aug 09 11:51:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



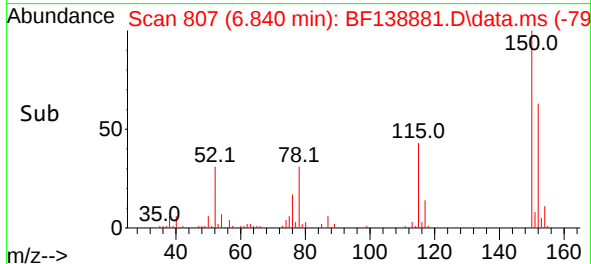
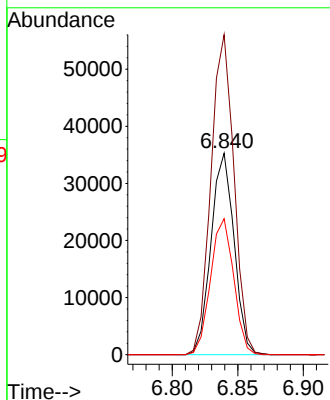


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB162358BL

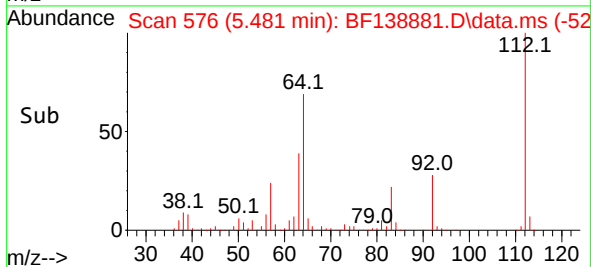
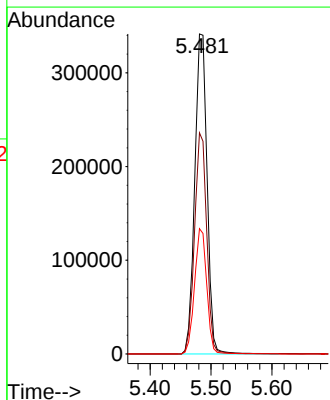
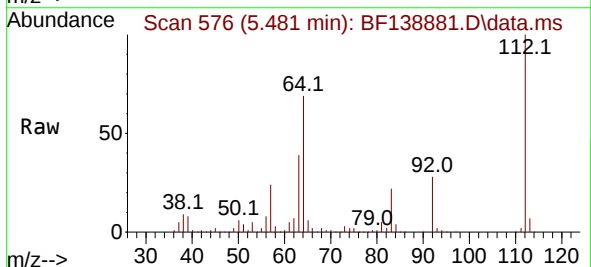


Tgt Ion:152 Resp: 43125
Ion Ratio Lower Upper
152 100
150 158.8 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 172.398 ng
RT: 5.481 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion:112 Resp: 481628
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 39.1 28.7 43.1

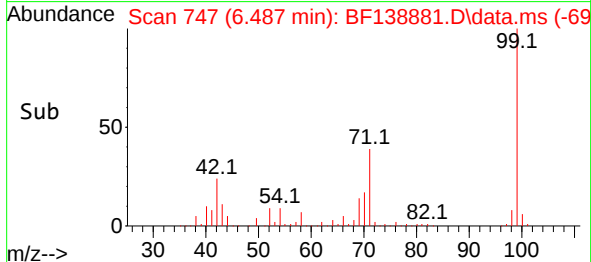
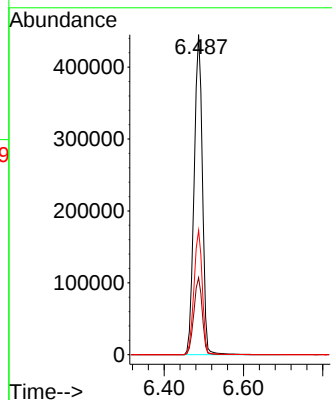
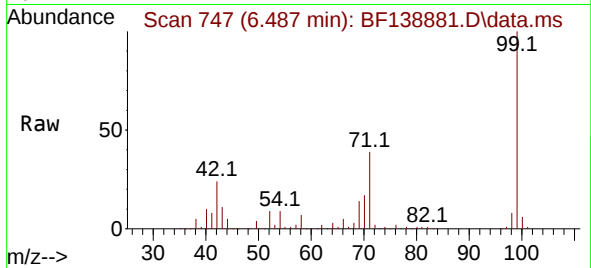




#7
Phenol-d6
Concen: 172.649 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

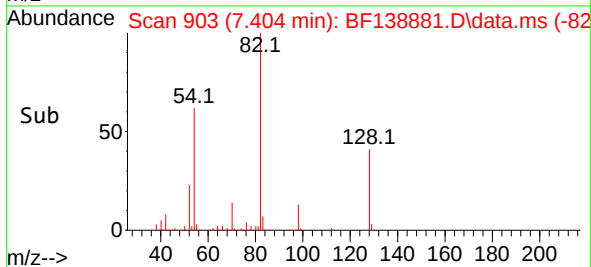
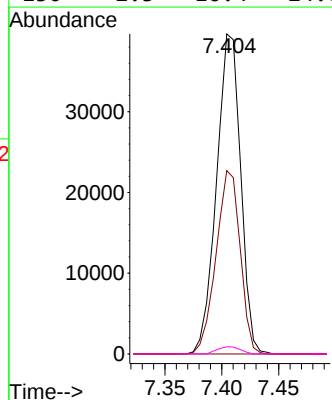
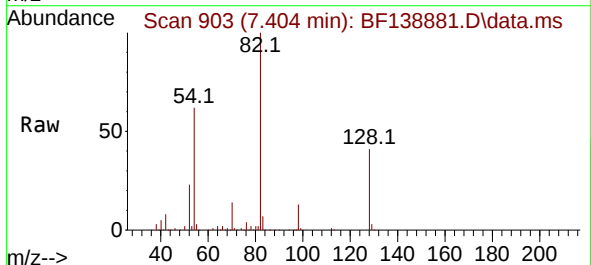
Instrument :
BNA_F
ClientSampleId :
PB162358BL

Tgt Ion: 99 Resp: 647577
Ion Ratio Lower Upper
99 100
42 24.1 17.4 26.0
71 38.9 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 25.855 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

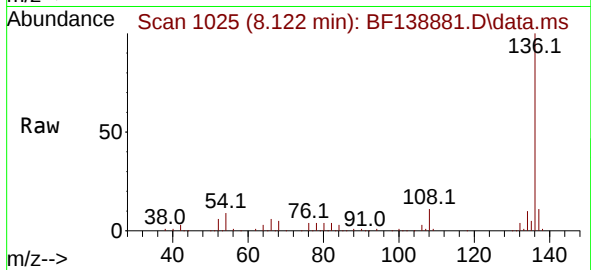
Tgt Ion: 70 Resp: 58572
Ion Ratio Lower Upper
70 100
42 57.3 57.4 86.0#
101 0.0 7.5 11.3#
130 2.3 16.4 24.6#



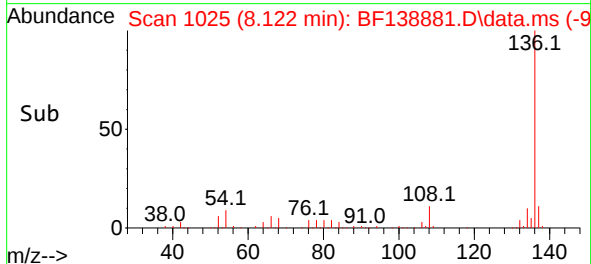
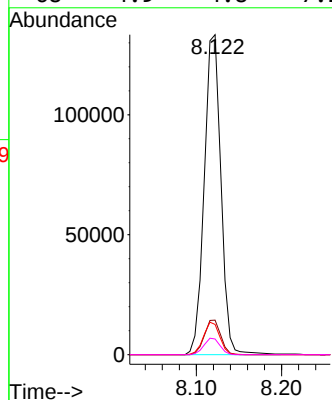


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Instrument :
BNA_F
ClientSampleId :
PB162358BL

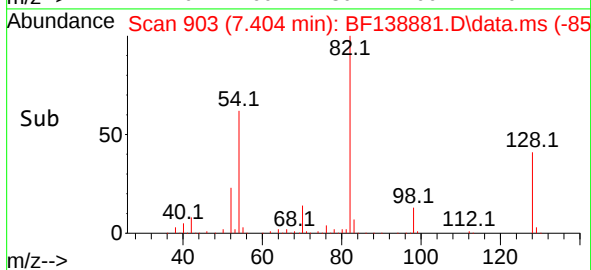
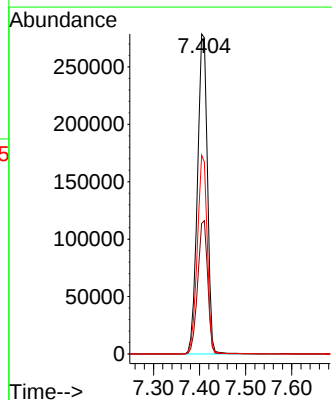
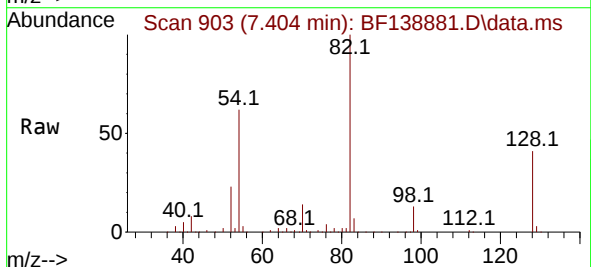


Tgt Ion:136 Resp: 181651
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.4 8.6 12.8
68 4.9 4.8 7.2



#23
Nitrobenzene-d5
Concen: 112.825 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion: 82 Resp: 419191
Ion Ratio Lower Upper
82 100
128 40.8 32.8 49.2
54 62.1 48.3 72.5

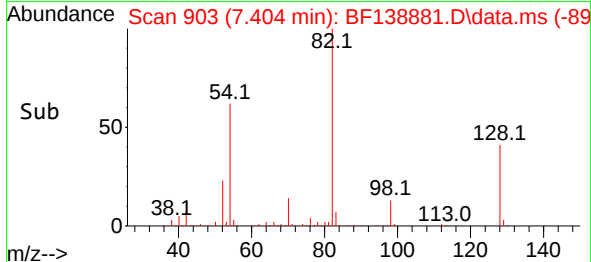
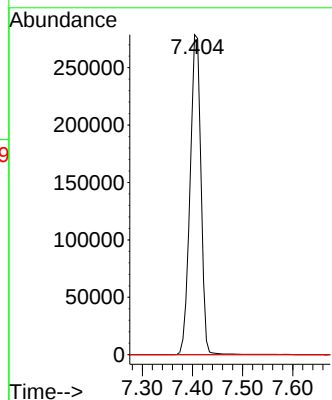
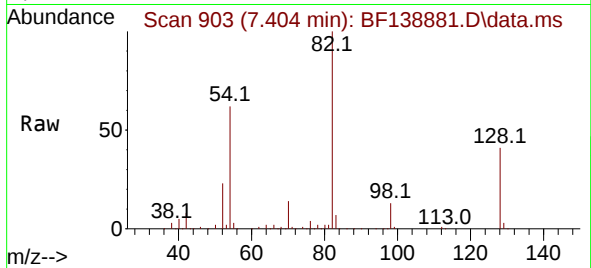




#25
Isophorone
Concen: 65.553 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

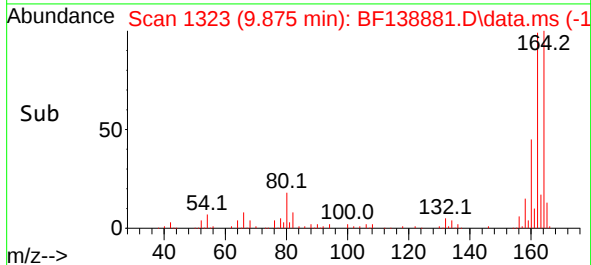
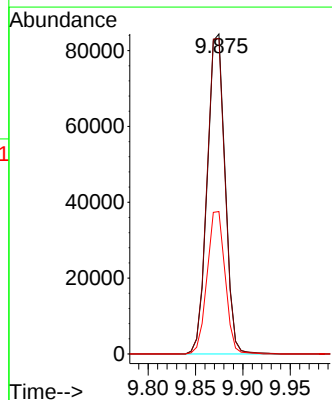
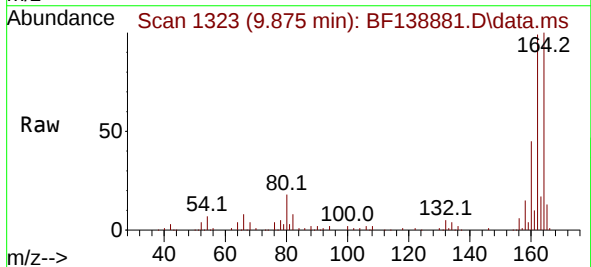
Instrument :
BNA_F
ClientSampleId :
PB162358BL

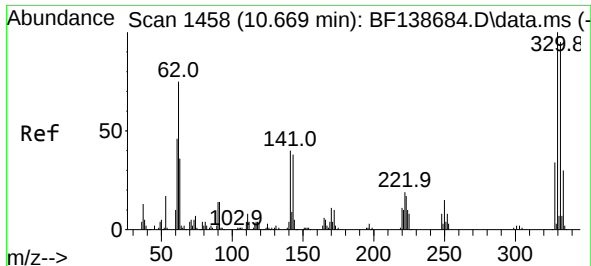
Tgt Ion: 82 Resp: 415881
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion:164 Resp: 110150
Ion Ratio Lower Upper
164 100
162 98.6 79.4 119.0
160 44.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 185.053 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138881.D

Acq: 09 Aug 2024 10:50

Instrument :

BNA_F

ClientSampleId :

PB162358BL

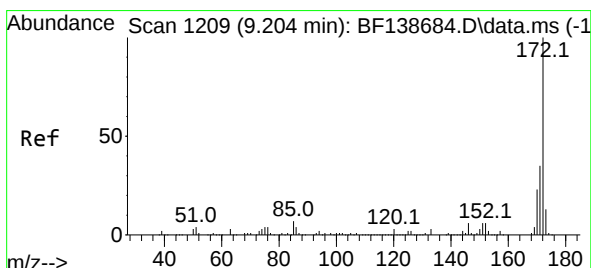
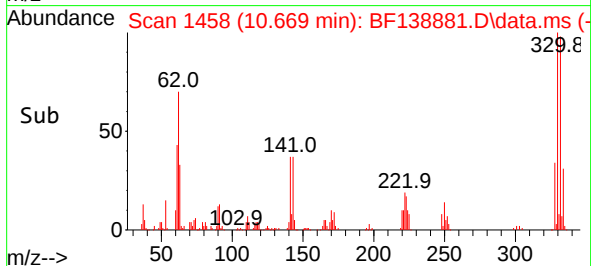
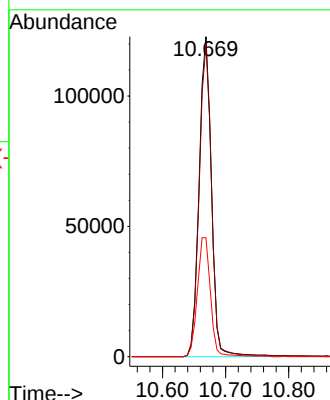
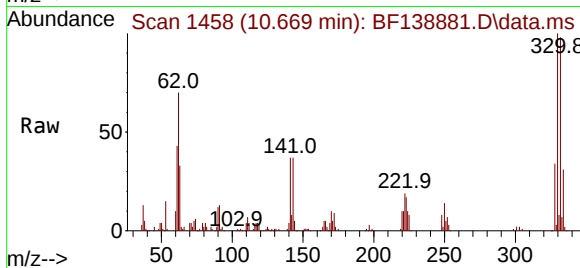
Tgt Ion:330 Resp: 166969

Ion Ratio Lower Upper

330 100

332 97.9 76.4 114.6

141 39.6 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 110.663 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138881.D

Acq: 09 Aug 2024 10:50

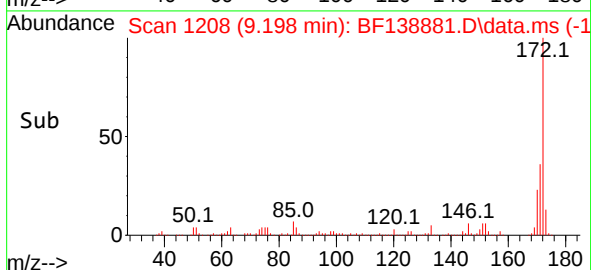
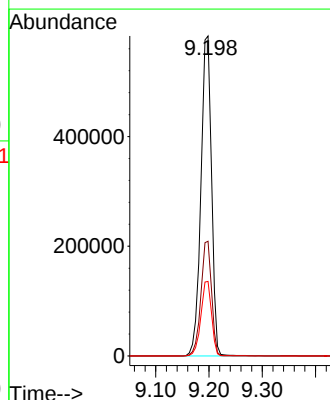
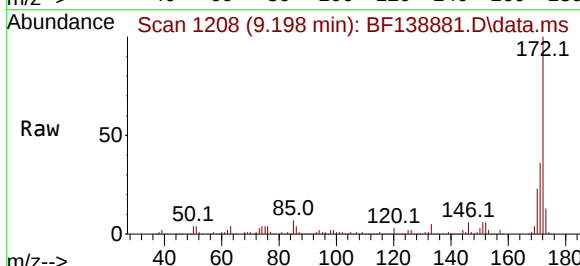
Tgt Ion:172 Resp: 811287

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.3 18.8 28.2

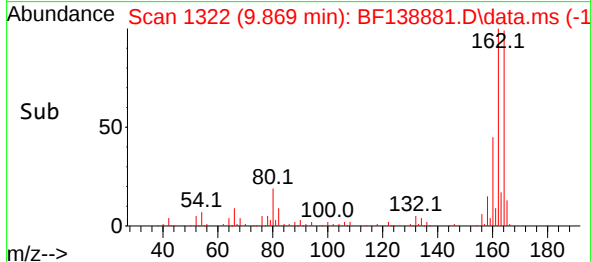
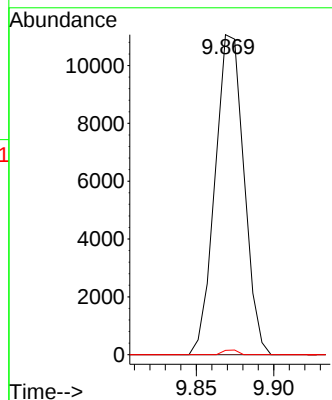
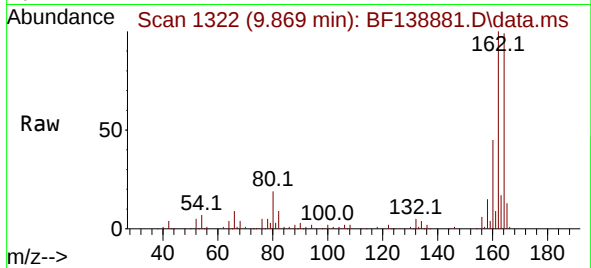




#51
2,6-Dinitrotoluene
Concen: 9.038 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

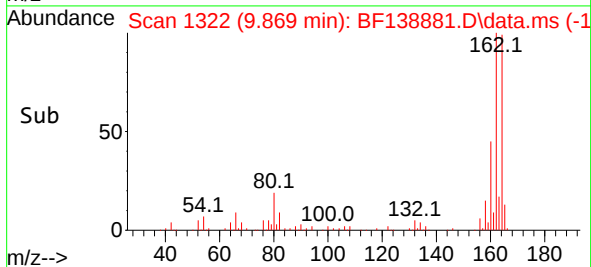
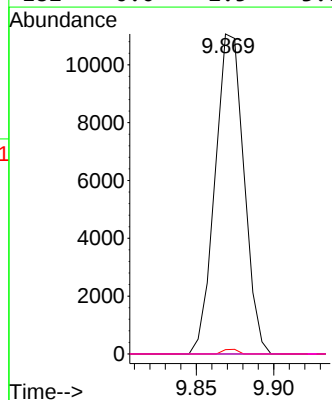
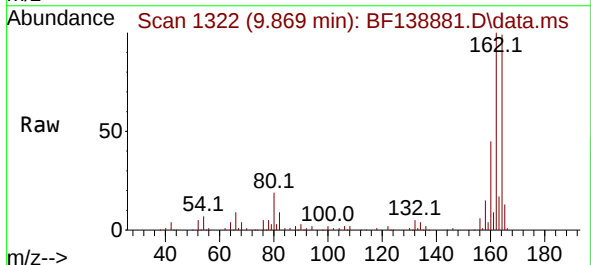
Instrument :
BNA_F
ClientSampleId :
PB162358BL

Tgt Ion:165 Resp: 14366
Ion Ratio Lower Upper
165 100
63 0.0 52.0 78.0#
89 1.4 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.084 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.200 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion:165 Resp: 14366
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 1.4 64.2 96.4#
182 0.0 2.5 3.7#

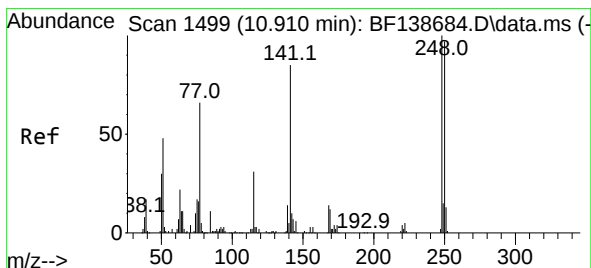
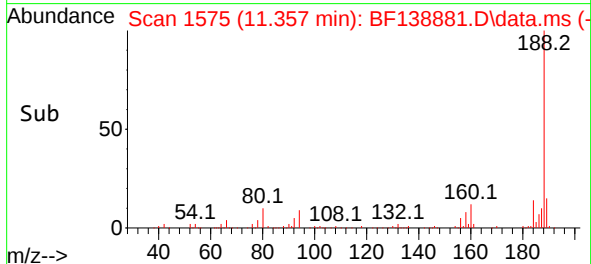
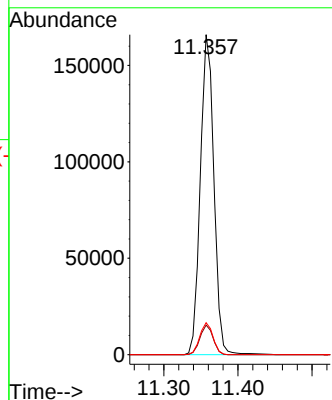
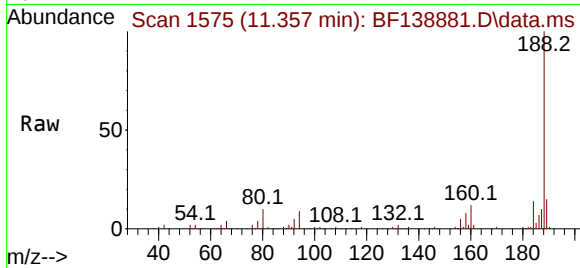




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

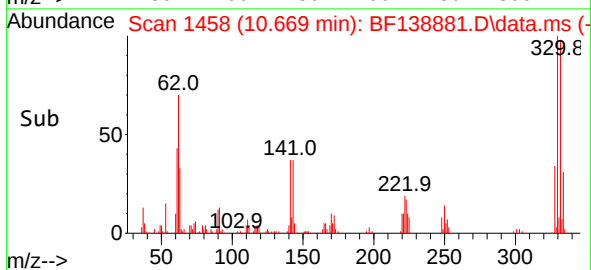
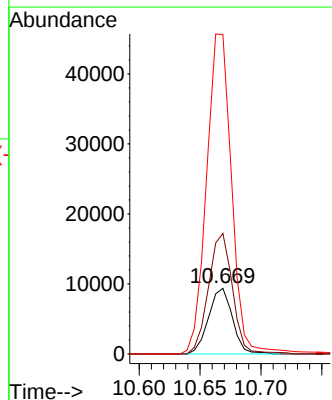
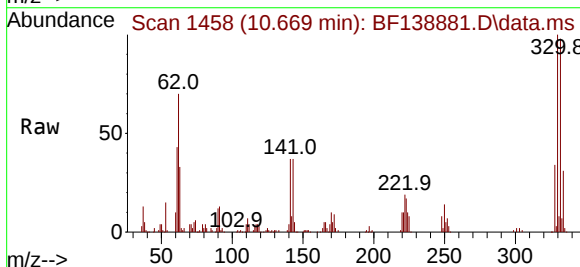
Instrument :
BNA_F
ClientSampleId :
PB162358BL

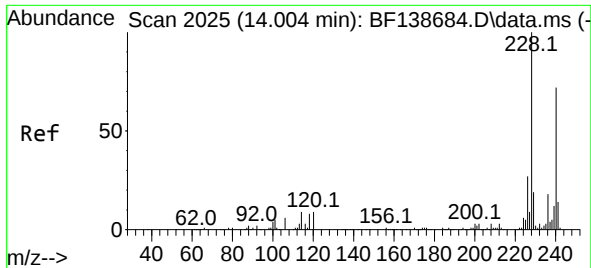
Tgt Ion:188 Resp: 210869
Ion Ratio Lower Upper
188 100
94 9.2 7.6 11.4
80 10.0 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.599 ng
RT: 10.669 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion:248 Resp: 12783
Ion Ratio Lower Upper
248 100
250 183.5 77.7 116.5#
141 486.7 68.0 102.0#

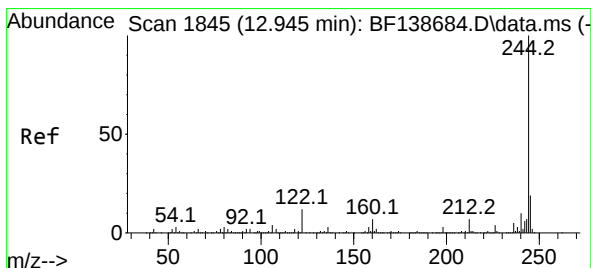
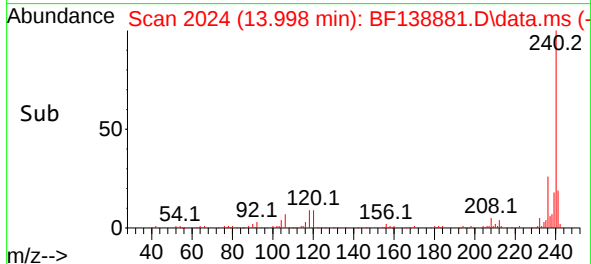
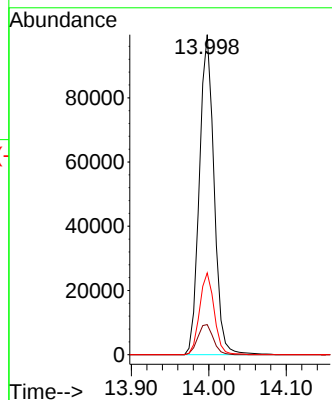
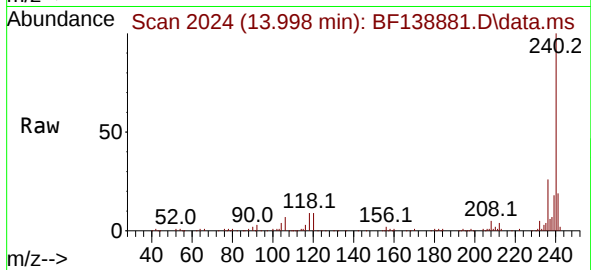




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

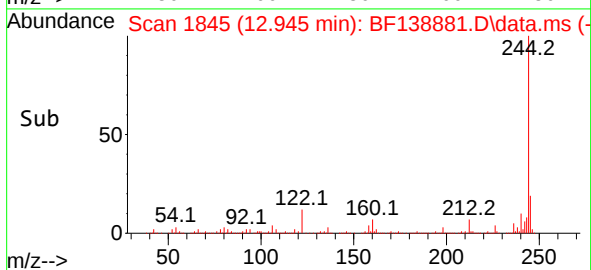
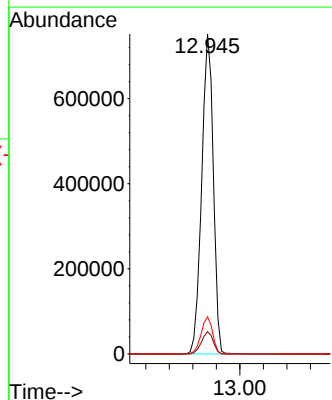
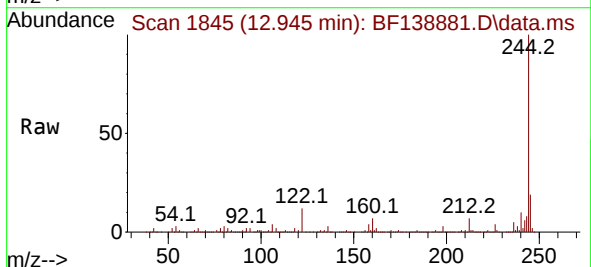
Instrument :
BNA_F
ClientSampleId :
PB162358BL

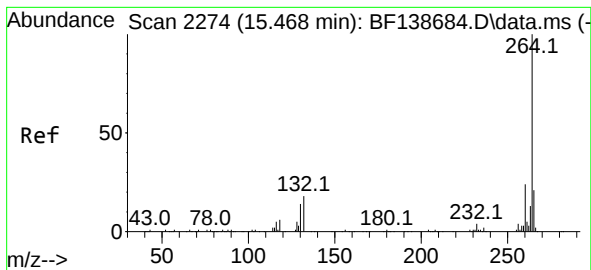
Tgt Ion:240 Resp: 130997
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 25.6 19.8 29.8



#79
Terphenyl-d14
Concen: 131.131 ng
RT: 12.945 min Scan# 1845
Delta R.T. 0.000 min
Lab File: BF138881.D
Acq: 09 Aug 2024 10:50

Tgt Ion:244 Resp: 1025986
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.6 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.463 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF138881.D

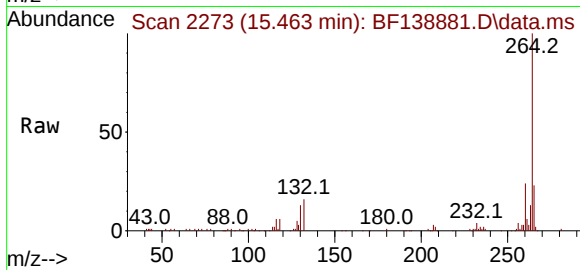
Acq: 09 Aug 2024 10:50

Instrument :

BNA_F

ClientSampleId :

PB162358BL



Tgt Ion:264 Resp: 89677

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 22.8 17.0 25.6

