

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080324\
 Data File : BF138774.D
 Acq On : 03 Aug 2024 17:17
 Operator : RC/JU
 Sample : P3448-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4

Quant Time: Aug 05 00:53:15 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)

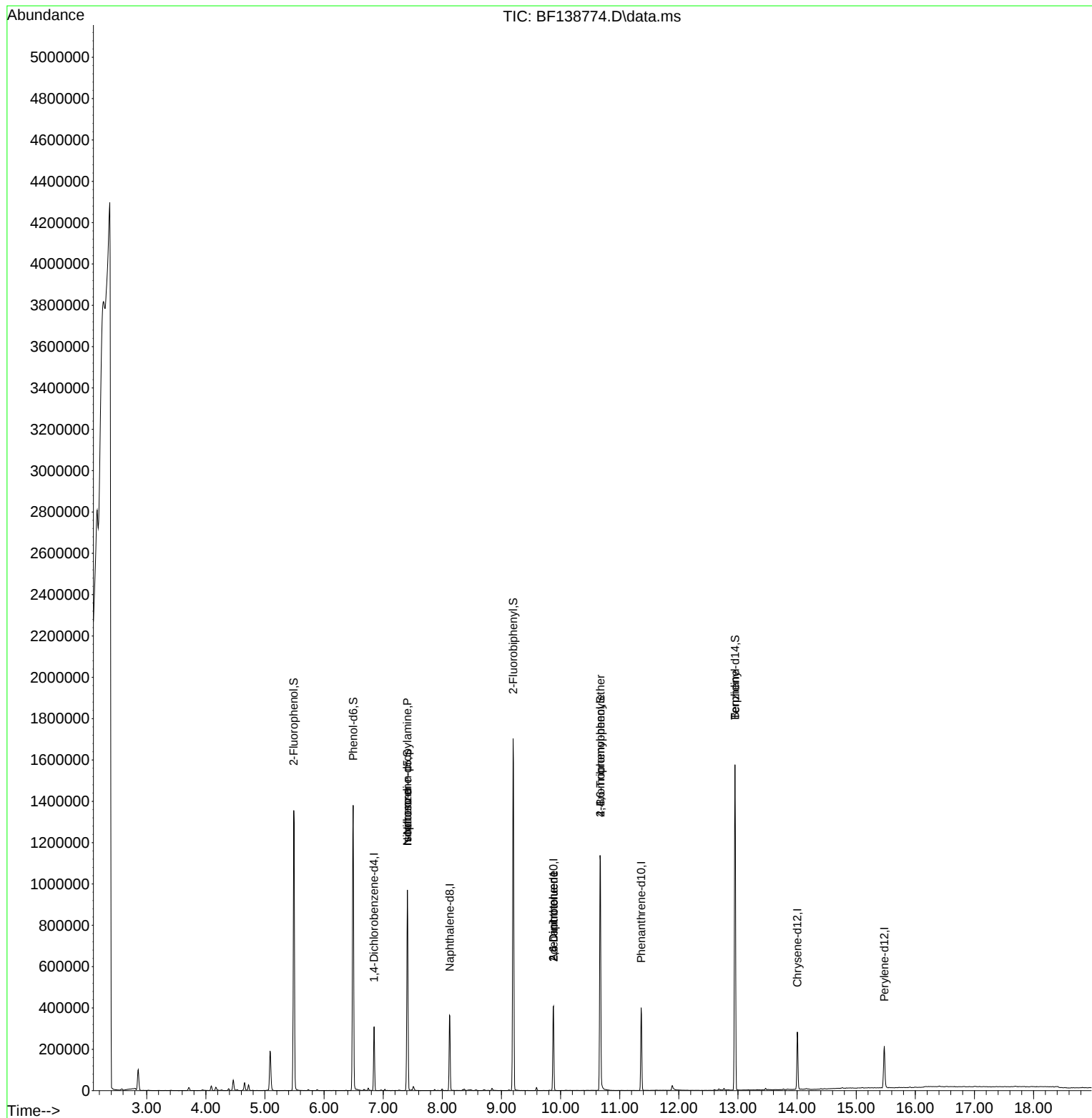
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	57133	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	224973	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	122272	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	207396	20.000	ng	0.00
76) Chrysene-d12	14.004	240	127828	20.000	ng	0.00
86) Perylene-d12	15.474	264	120668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	483333	130.590	ng	0.02
7) Phenol-d6	6.492	99	651203	131.048	ng	0.00
23) Nitrobenzene-d5	7.410	82	438438	95.282	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	181615	181.330	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	738613	90.762	ng	0.00
79) Terphenyl-d14	12.951	244	741819	97.162	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.410	70	59229	19.734	ng	Qvalue 75
25) Isophorone	7.410	82	434253	55.268	ng	# 66
51) 2,6-Dinitrotoluene	9.880	165	16059	9.102	ng	# 21
57) 2,4-Dinitrotoluene	9.880	165	16059	7.134	ng	# 18
67) 4-Bromophenyl-phenylether	10.674	248	12934	5.760	ng	# 1
77) Benzidine	12.951	184	9817	3.211	ng	# 93

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
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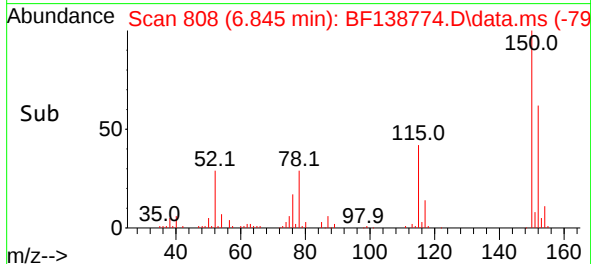
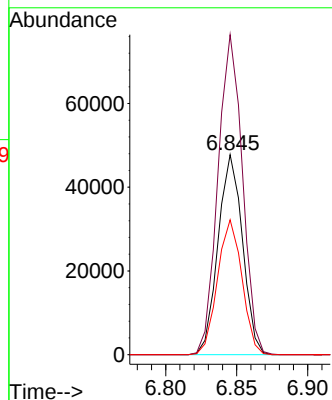
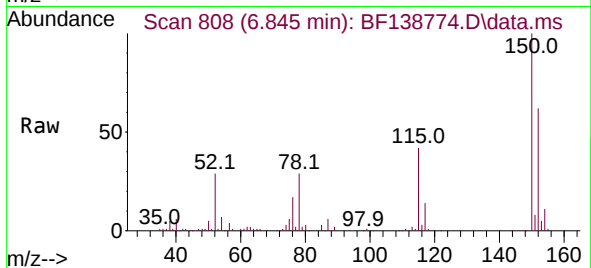




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

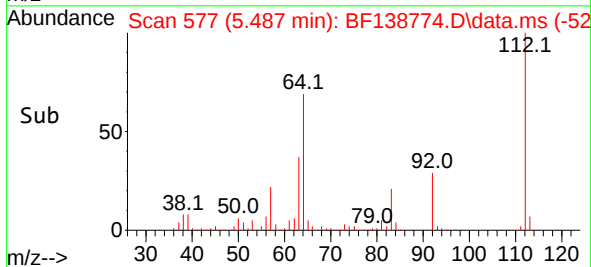
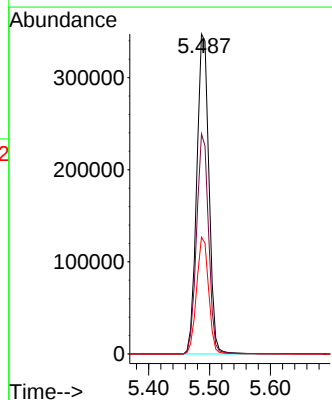
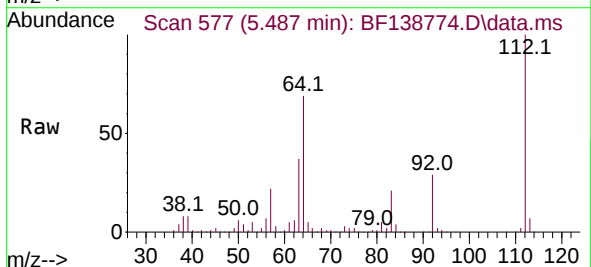
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion:152 Resp: 57133
Ion Ratio Lower Upper
152 100
150 160.0 126.0 189.0
115 67.5 51.7 77.5



#5
2-Fluorophenol
Concen: 130.590 ng
RT: 5.487 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

Tgt Ion:112 Resp: 483333
Ion Ratio Lower Upper
112 100
64 68.8 54.2 81.4
63 36.5 28.7 43.1

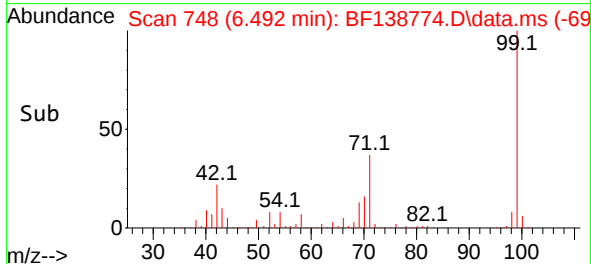
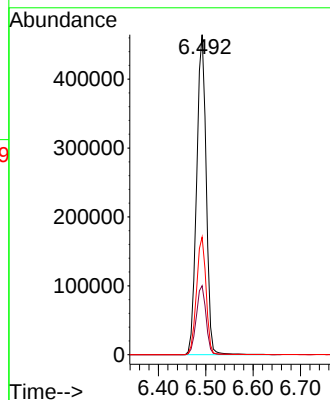
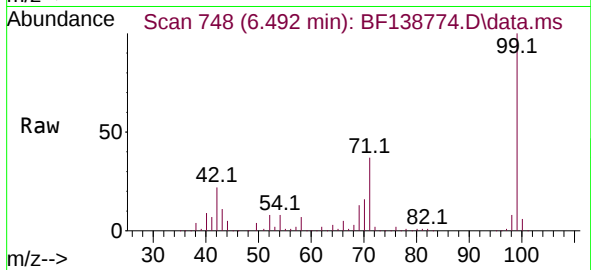




#7
Phenol-d6
Concen: 131.048 ng
RT: 6.492 min Scan# 74
Delta R.T. 0.006 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

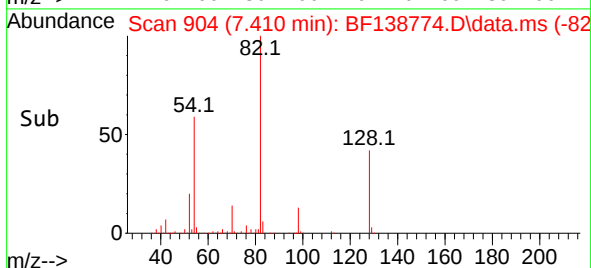
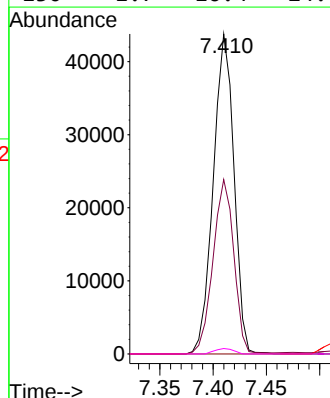
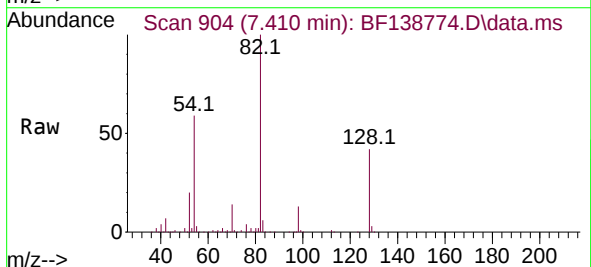
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion: 99 Resp: 651203
Ion Ratio Lower Upper
99 100
42 21.6 17.4 26.0
71 36.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 19.734 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

Tgt Ion: 70 Resp: 59229
Ion Ratio Lower Upper
70 100
42 54.5 57.4 86.0#
101 0.0 7.5 11.3#
130 1.7 16.4 24.6#

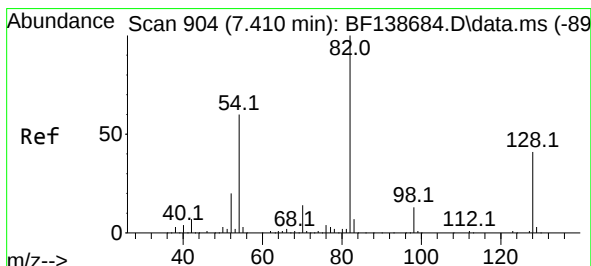
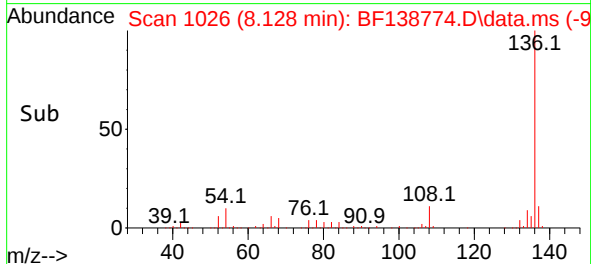
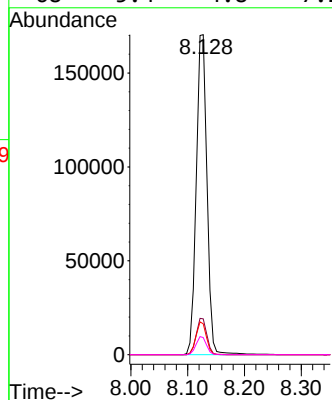
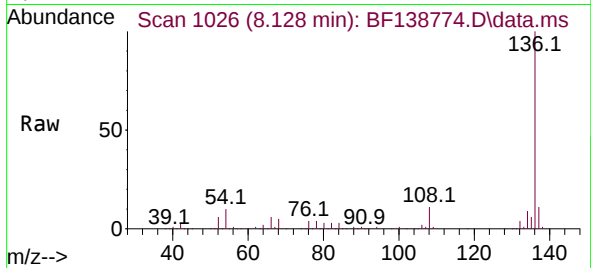




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

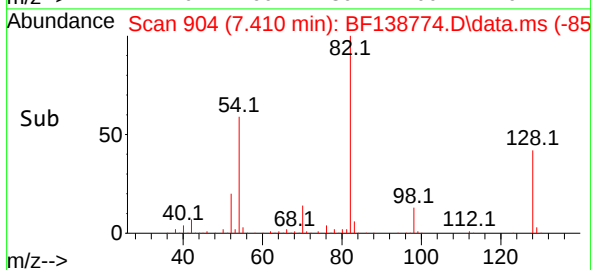
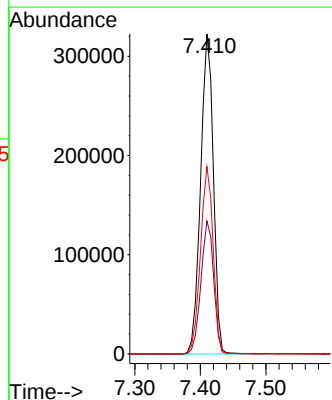
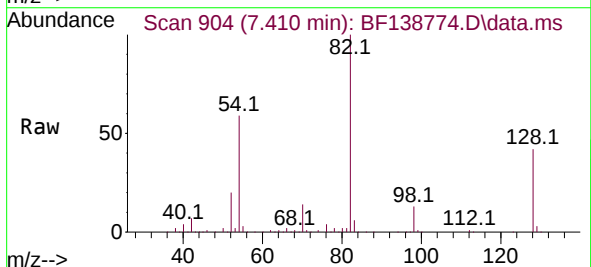
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion:	136	Resp:	224973
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.6	8.6	12.8
68	5.4	4.8	7.2



#23
Nitrobenzene-d5
Concen: 95.282 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

Tgt Ion:	82	Resp:	438438
Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	58.5	48.3	72.5

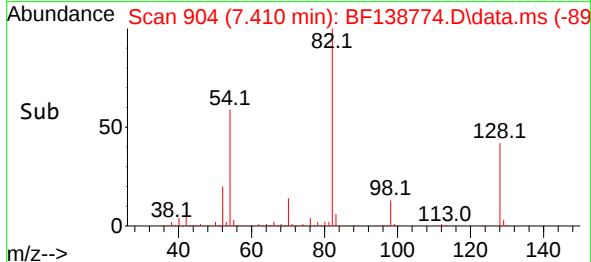
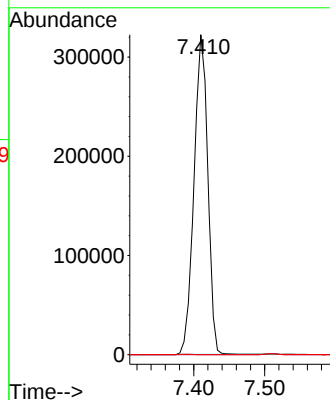
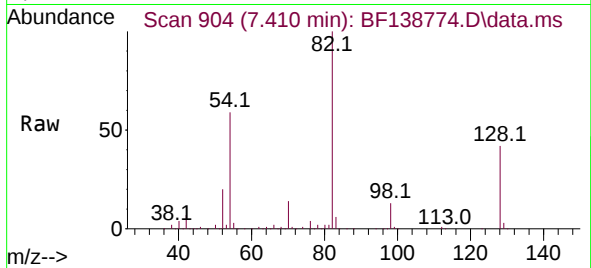




#25
Isophorone
Concen: 55.268 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

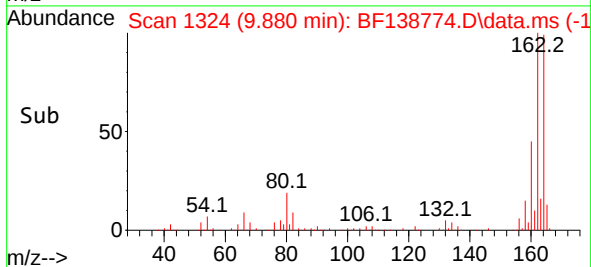
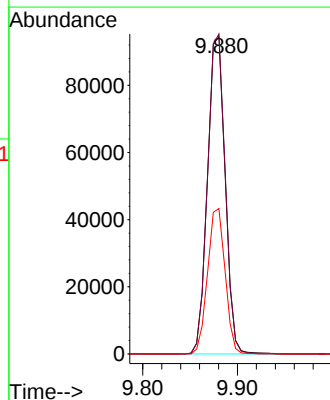
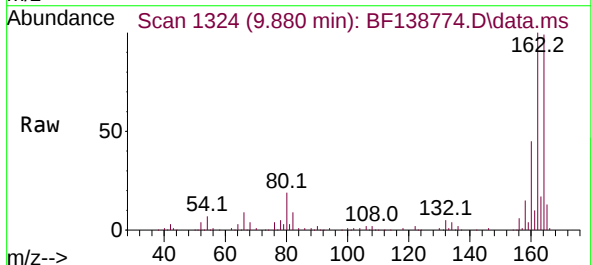
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion: 82 Resp: 434253
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: 9.880 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

Tgt Ion:164 Resp: 122272
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 45.9 35.1 52.7

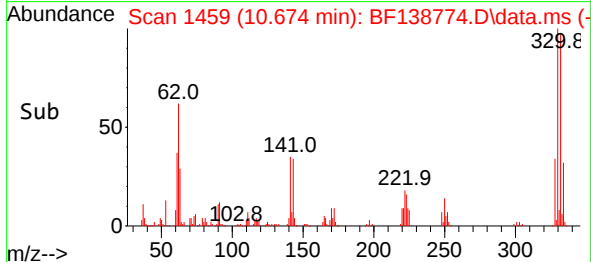
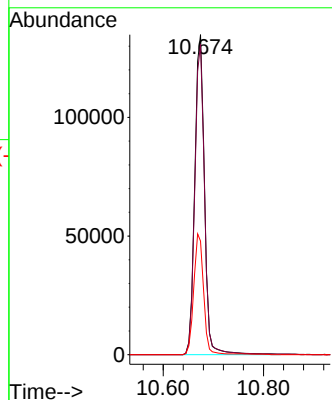
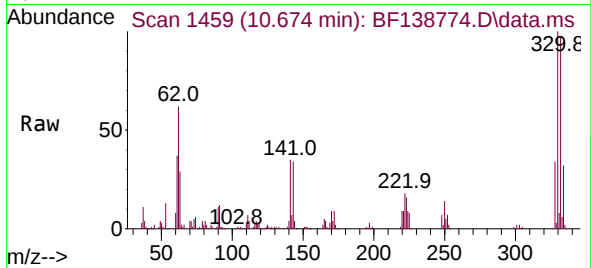




#42
2,4,6-Tribromophenol
Concen: 181.330 ng
RT: 10.674 min Scan# 1458
Delta R.T. 0.006 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

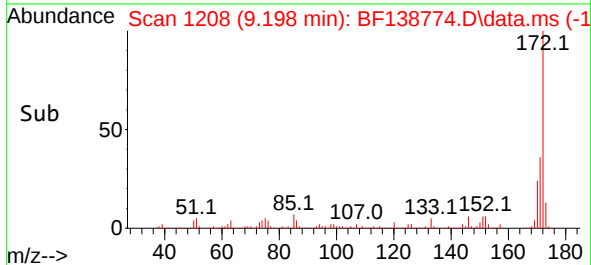
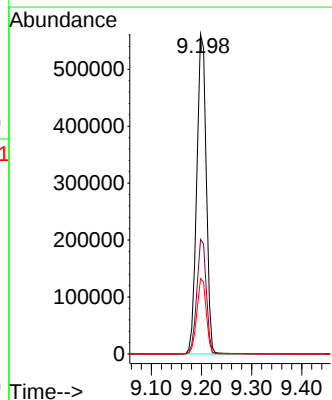
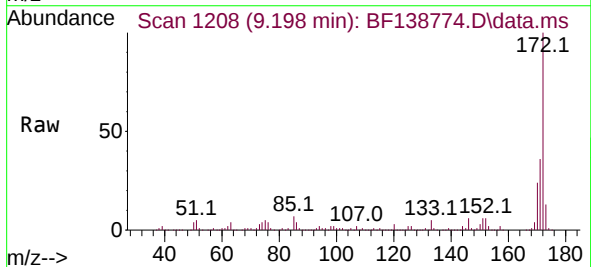
Instrument :
BNA_F
ClientSampleId :
TP4

Tgt Ion:330 Resp: 181615
Ion Ratio Lower Upper
330 100
332 97.0 76.4 114.6
141 37.9 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 90.762 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

Tgt Ion:172 Resp: 738613
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.6 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.102 ng

RT: 9.880 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF138774.D

Acq: 03 Aug 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP4

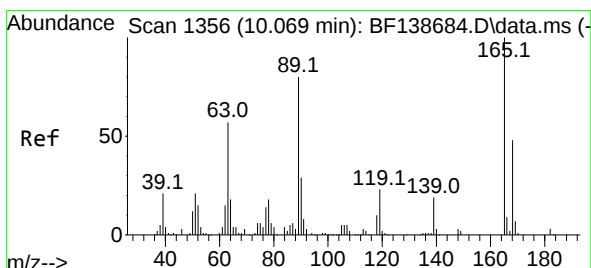
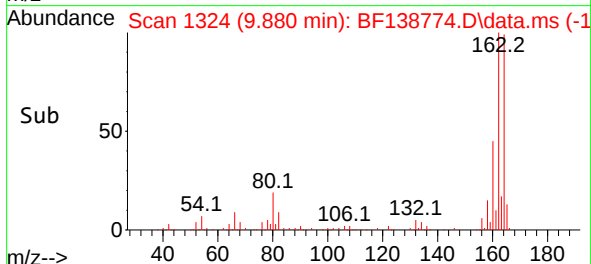
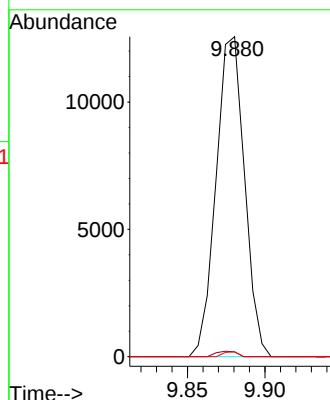
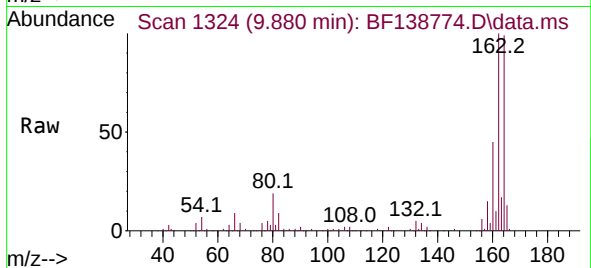
Tgt Ion:165 Resp: 16059

Ion Ratio Lower Upper

165 100

63 1.5 52.0 78.0#

89 1.5 47.0 70.6#



#57

2,4-Dinitrotoluene

Concen: 7.134 ng

RT: 9.880 min Scan# 1324

Delta R.T. -0.188 min

Lab File: BF138774.D

Acq: 03 Aug 2024 17:17

Tgt Ion:165 Resp: 16059

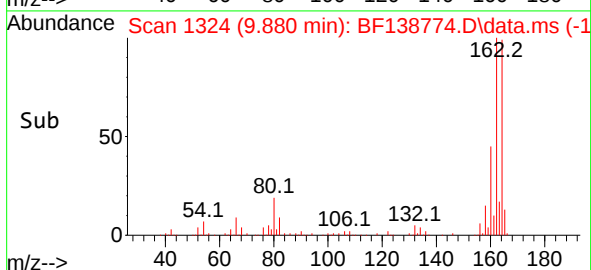
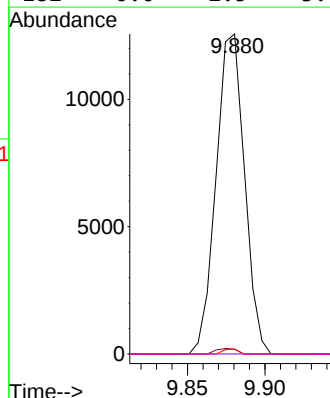
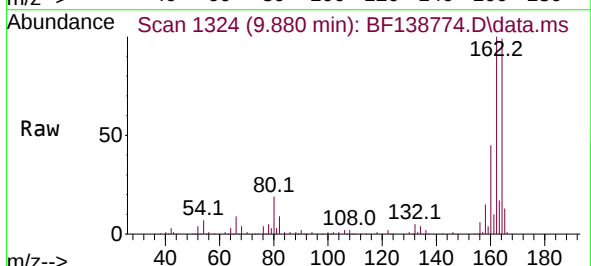
Ion Ratio Lower Upper

165 100

63 1.5 46.3 69.5#

89 1.5 64.2 96.4#

182 0.0 2.5 3.7#

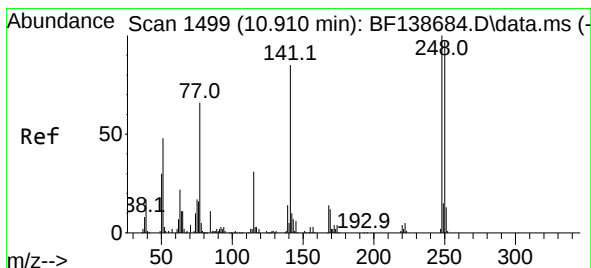
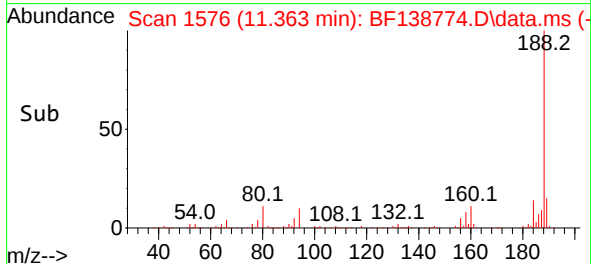
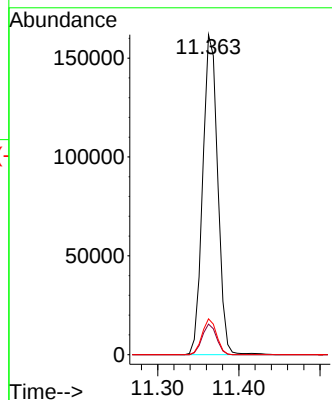
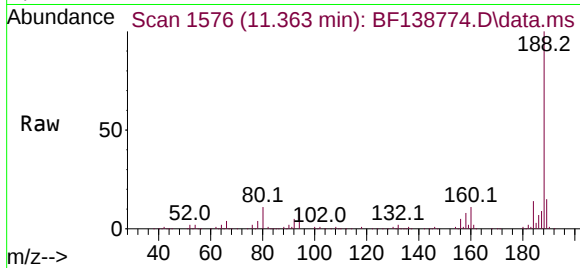




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

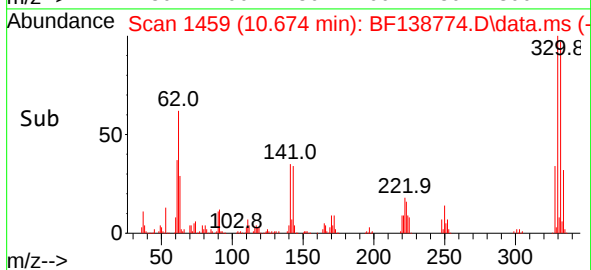
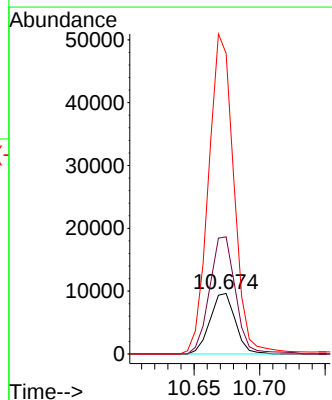
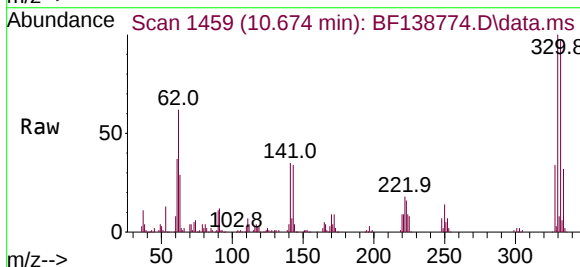
Instrument :
BNA_F
ClientSampleId :
TP4

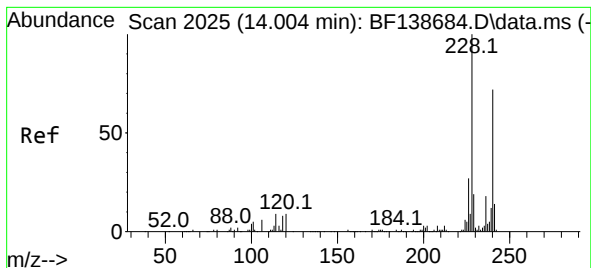
Tgt Ion:188 Resp: 207396
Ion Ratio Lower Upper
188 100
94 9.6 7.6 11.4
80 11.2 8.6 12.8



#67
4-Bromophenyl-phenylether
Concen: 5.760 ng
RT: 10.674 min Scan# 1459
Delta R.T. -0.235 min
Lab File: BF138774.D
Acq: 03 Aug 2024 17:17

Tgt Ion:248 Resp: 12934
Ion Ratio Lower Upper
248 100
250 193.6 77.7 116.5#
141 496.8 68.0 102.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BF138774.D

Acq: 03 Aug 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP4

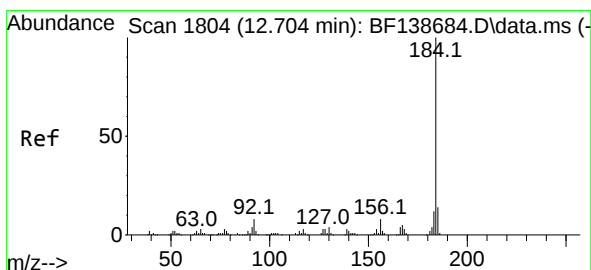
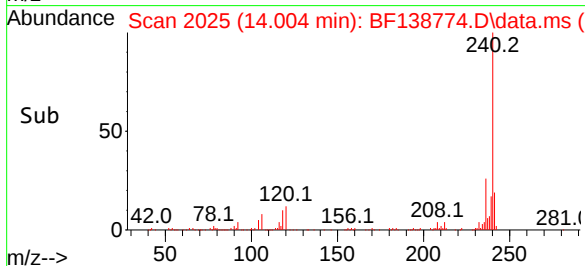
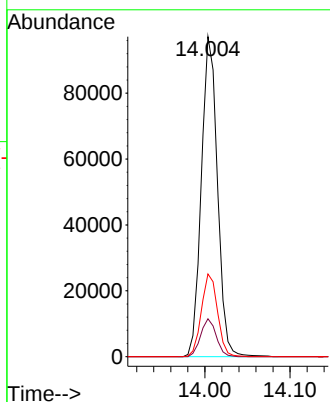
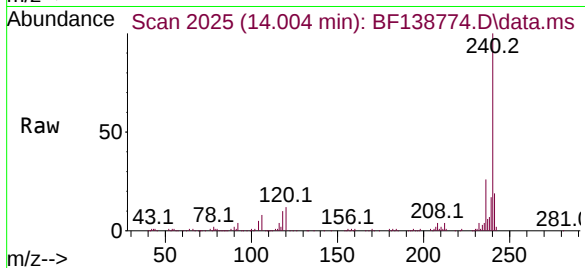
Tgt Ion:240 Resp: 127828

Ion Ratio Lower Upper

240 100

120 11.9 10.2 15.4

236 25.9 19.8 29.8



#77

Benzidine

Concen: 3.211 ng

RT: 12.951 min Scan# 1846

Delta R.T. 0.247 min

Lab File: BF138774.D

Acq: 03 Aug 2024 17:17

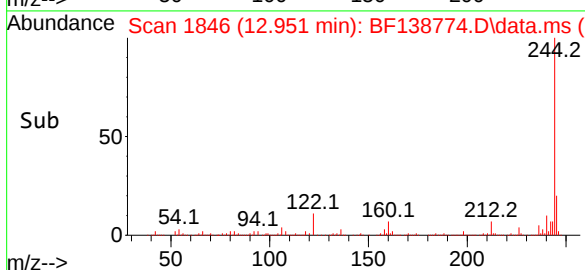
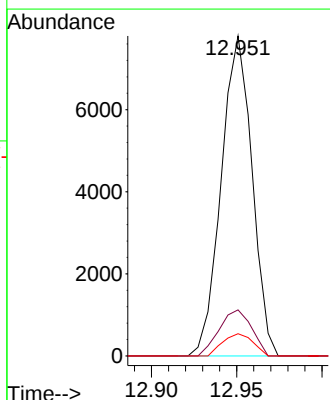
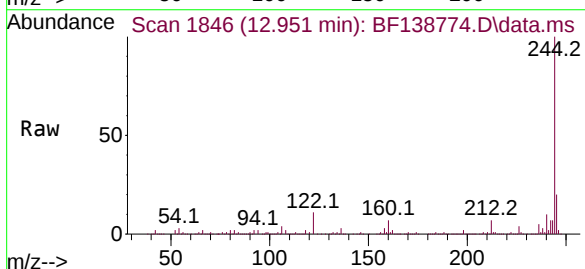
Tgt Ion:184 Resp: 9817

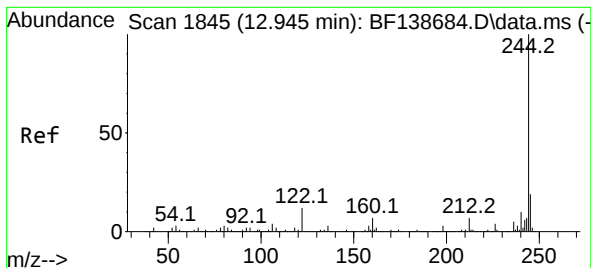
Ion Ratio Lower Upper

184 100

185 14.4 11.1 16.7

183 7.0 9.6 14.4#





#79

Terphenyl-d14

Concen: 97.162 ng

RT: 12.951 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138774.D

Acq: 03 Aug 2024 17:17

Instrument :

BNA_F

ClientSampleId :

TP4

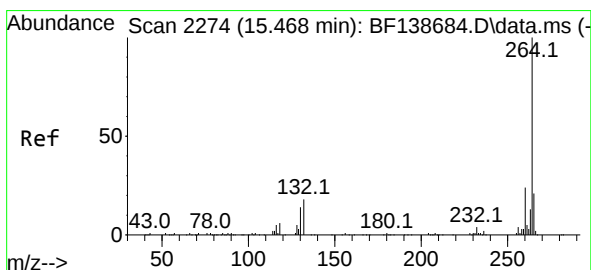
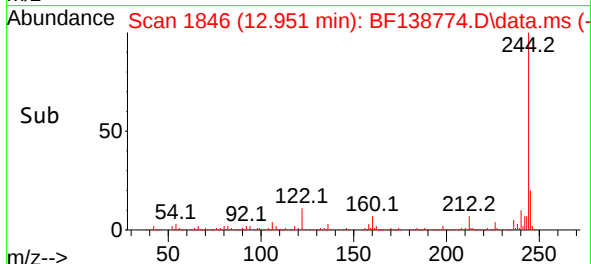
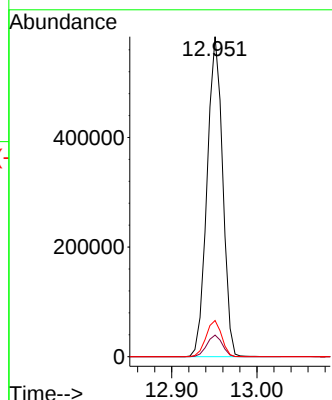
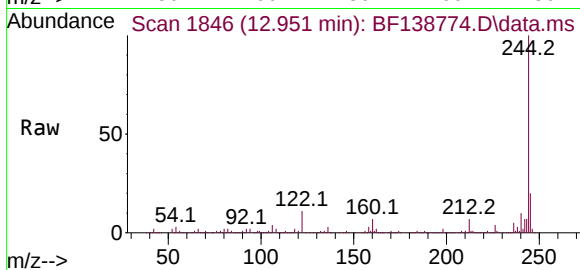
Tgt Ion:244 Resp: 741819

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 11.3 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. 0.006 min

Lab File: BF138774.D

Acq: 03 Aug 2024 17:17

Tgt Ion:264 Resp: 120668

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.5 17.0 25.6

