

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080524\
 Data File : BF138784.D
 Acq On : 05 Aug 2024 14:13
 Operator : RC/JU
 Sample : P3448-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1

Quant Time: Aug 05 14:50:04 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)

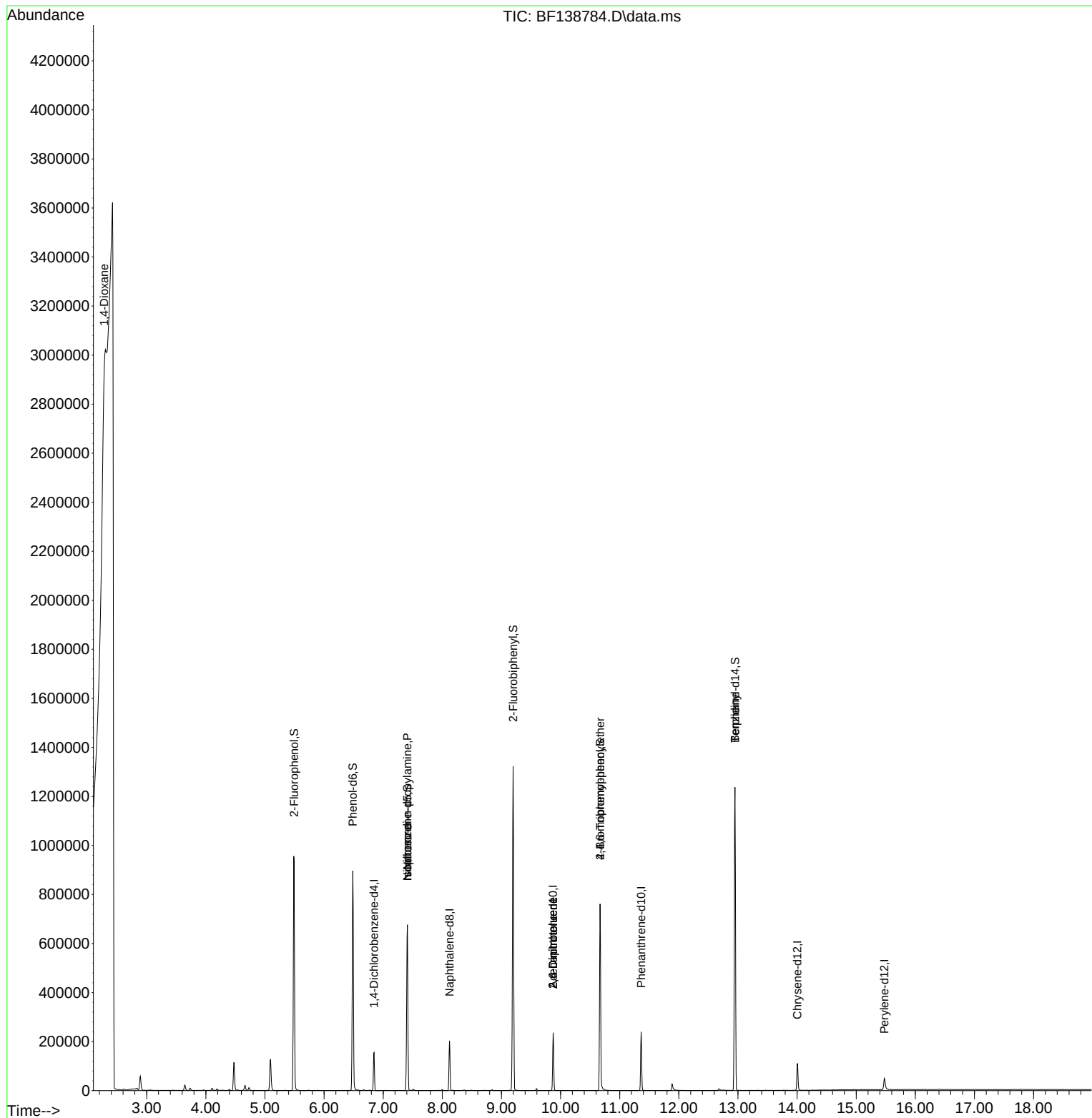
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	30595	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	123545	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	69922	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	123121	20.000	ng	0.00
76) Chrysene-d12	14.004	240	57633	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	32145	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	341409	172.256	ng	0.02
7) Phenol-d6	6.486	99	412614	155.058	ng	0.00
23) Nitrobenzene-d5	7.410	82	315925	125.023	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	117601	205.325	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	589796	126.736	ng	0.00
79) Terphenyl-d14	12.951	244	613090	178.106	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.281	88	10349	11.927	ng	# 49
19) n-Nitroso-di-n-propyla...	7.410	70	42862	26.669	ng	# 76
25) Isophorone	7.410	82	313951	72.761	ng	# 66
51) 2,6-Dinitrotoluene	9.874	165	8802	8.723	ng	# 19
57) 2,4-Dinitrotoluene	9.874	165	8802	6.837	ng	# 16
67) 4-Bromophenyl-phenylether	10.669	248	8690	6.519	ng	# 1
77) Benzidine	12.951	184	7885	5.720	ng	# 91

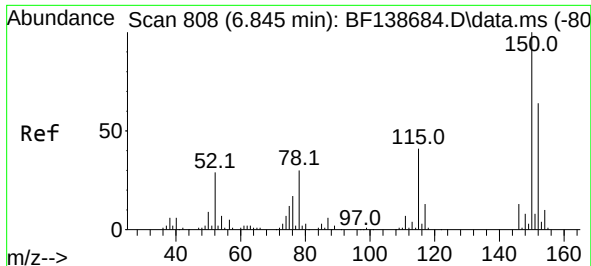
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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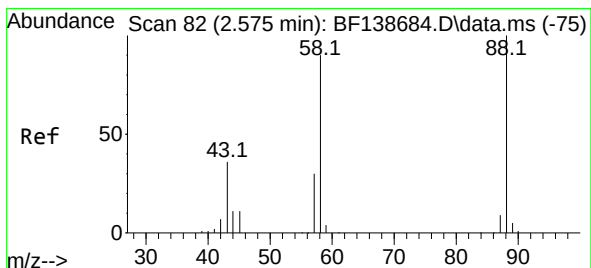
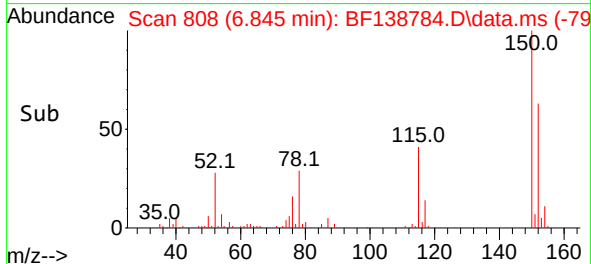
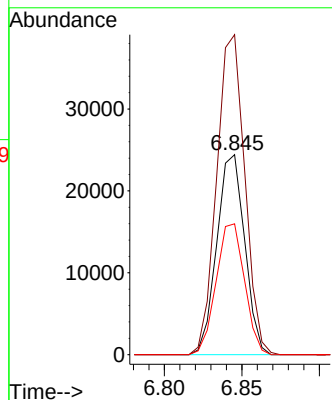
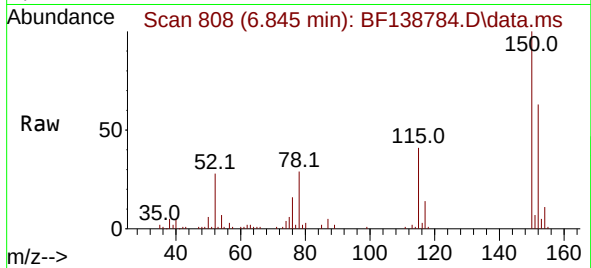




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF138784.D
 Acq: 05 Aug 2024 14:13

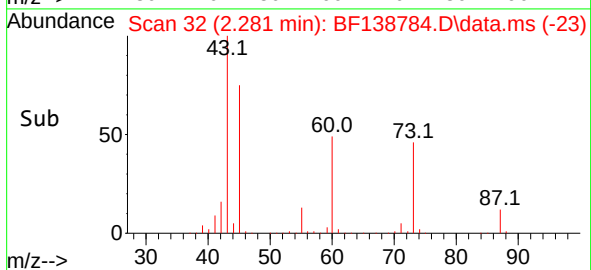
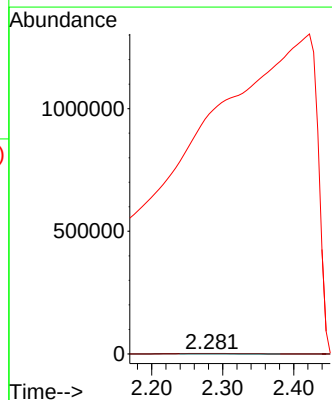
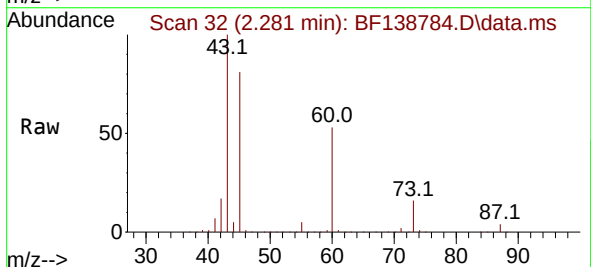
Instrument :
 BNA_F
 ClientSampleId :
 TP1

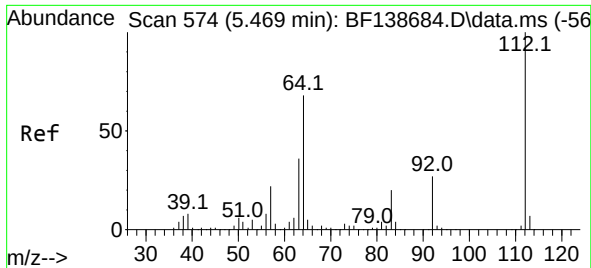
Tgt Ion:152 Resp: 30595
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.0 189.0
 115 65.4 51.7 77.5



#2
 1,4-Dioxane
 Concen: 11.927 ng
 RT: 2.281 min Scan# 32
 Delta R.T. -0.294 min
 Lab File: BF138784.D
 Acq: 05 Aug 2024 14:13

Tgt Ion: 88 Resp: 10349
 Ion Ratio Lower Upper
 88 100
 58 45.8 71.6 107.4#
 43 0.0 28.7 43.1#

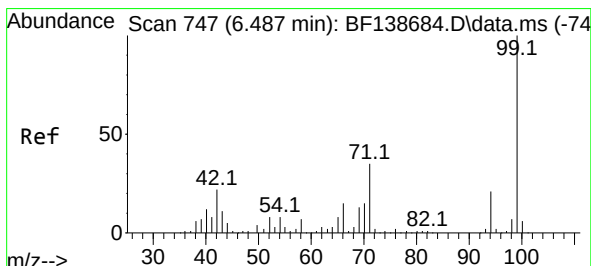
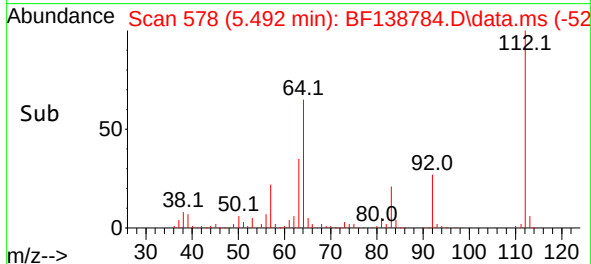
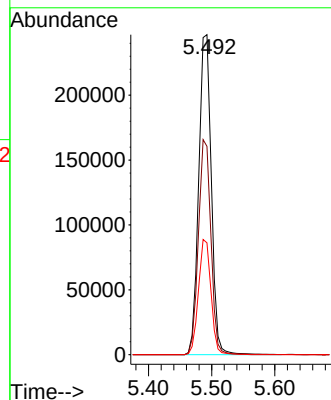
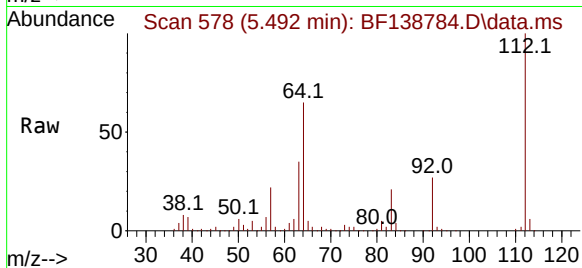




#5
2-Fluorophenol
Concen: 172.256 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

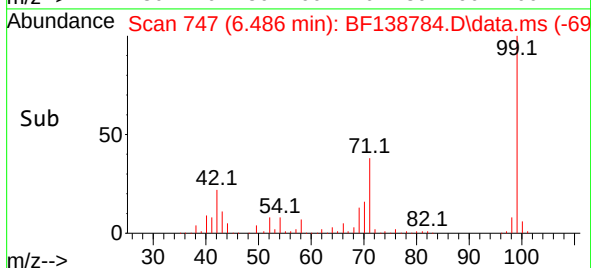
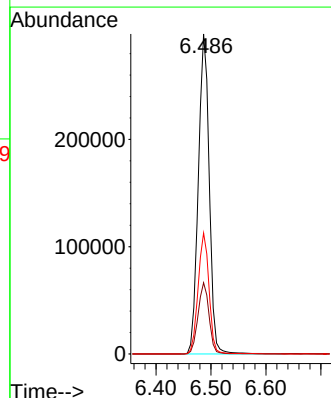
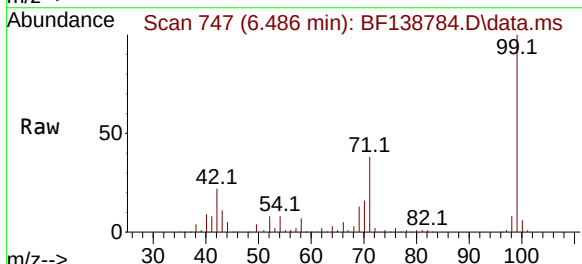
Instrument :
BNA_F
ClientSampleId :
TP1

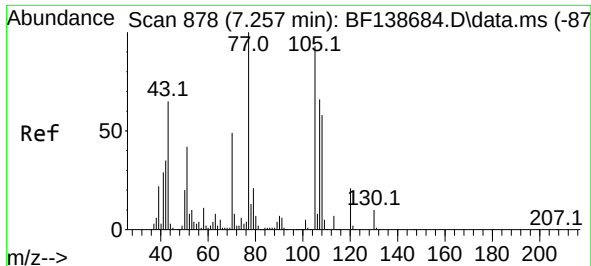
Tgt Ion:112 Resp: 341409
Ion Ratio Lower Upper
112 100
64 65.1 54.2 81.4
63 35.0 28.7 43.1



#7
Phenol-d6
Concen: 155.058 ng
RT: 6.486 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion: 99 Resp: 412614
Ion Ratio Lower Upper
99 100
42 22.2 17.4 26.0
71 37.8 28.1 42.1

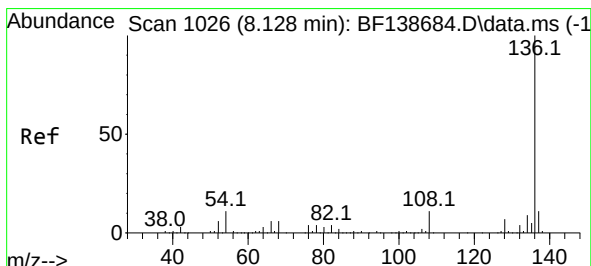
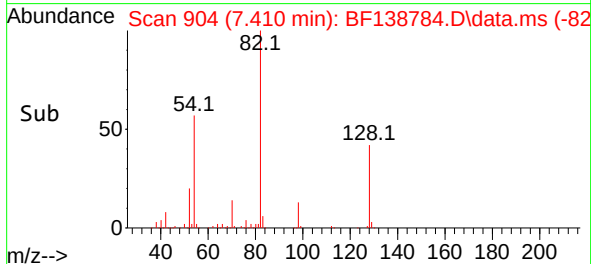
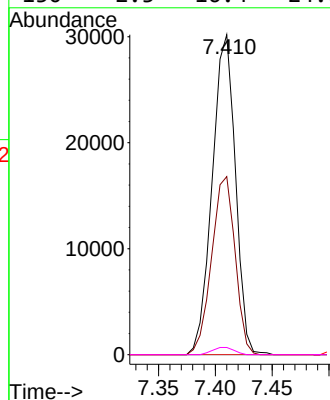
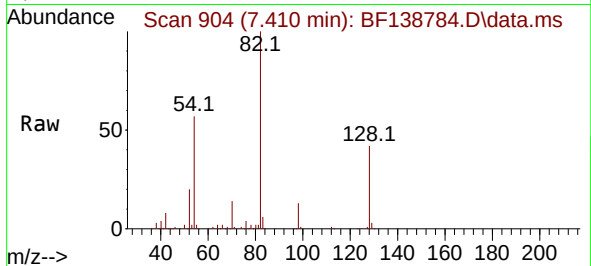




#19
n-Nitroso-di-n-propylamine
Concen: 26.669 ng
RT: 7.410 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

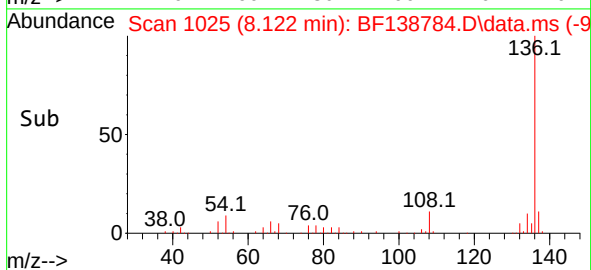
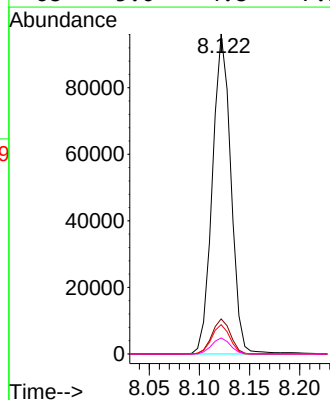
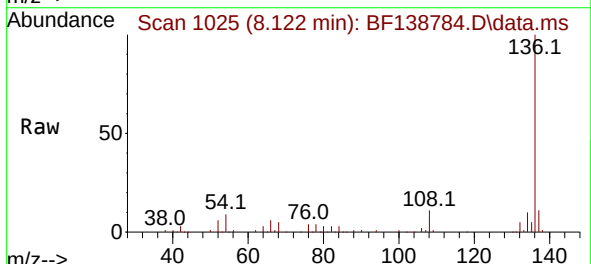
Instrument :
BNA_F
ClientSampleId :
TP1

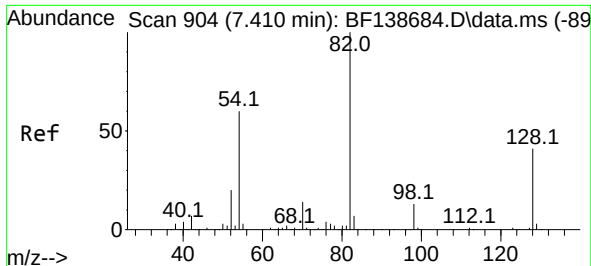
Tgt Ion: 70 Resp: 42862
Ion Ratio Lower Upper
70 100
42 55.6 57.4 86.0#
101 0.0 7.5 11.3#
130 2.3 16.4 24.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion: 136 Resp: 123545
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.1 8.6 12.8
68 5.0 4.8 7.2

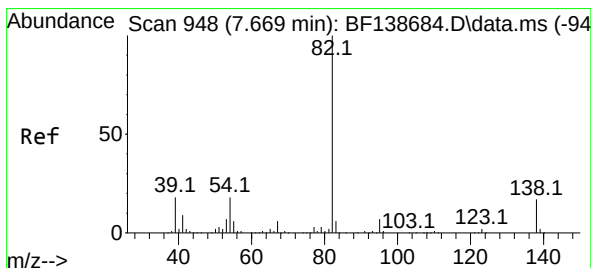
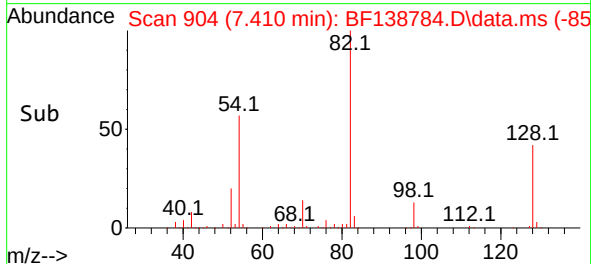
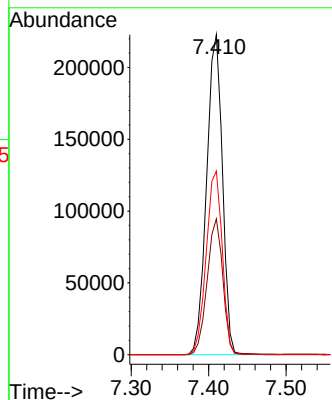
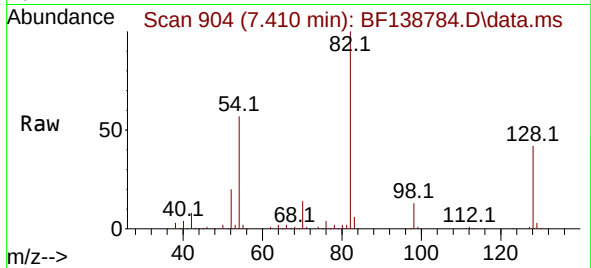




#23
Nitrobenzene-d5
Concen: 125.023 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

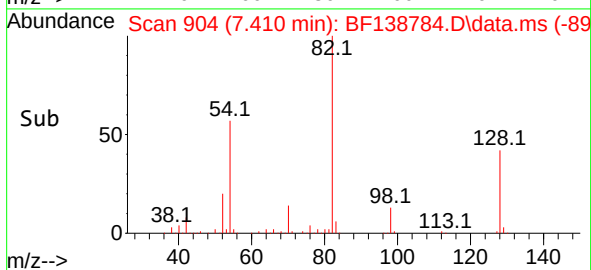
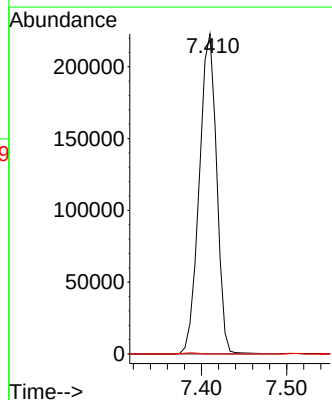
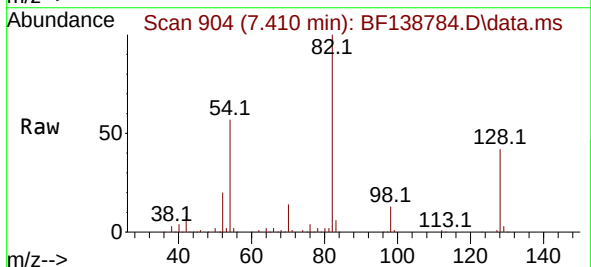
Instrument :
BNA_F
ClientSampleId :
TP1

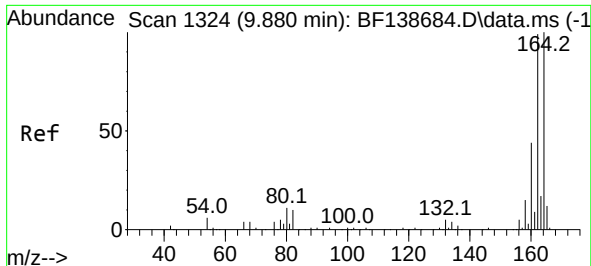
Tgt Ion: 82 Resp: 315925
Ion Ratio Lower Upper
82 100
128 42.4 32.8 49.2
54 57.4 48.3 72.5



#25
Isophorone
Concen: 72.761 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion: 82 Resp: 313951
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: 9.874 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

TP1

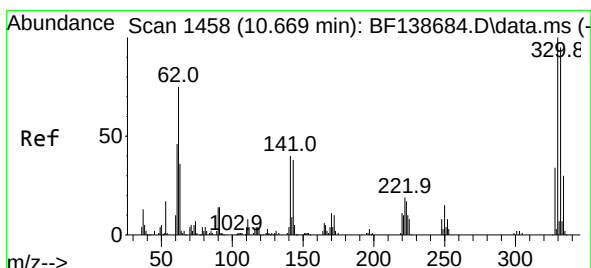
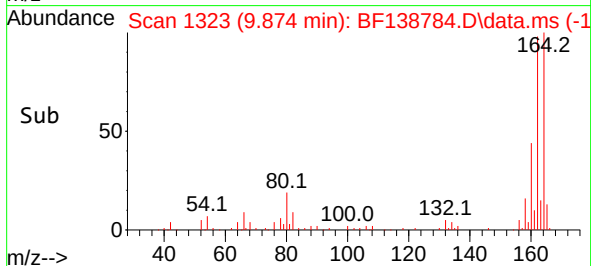
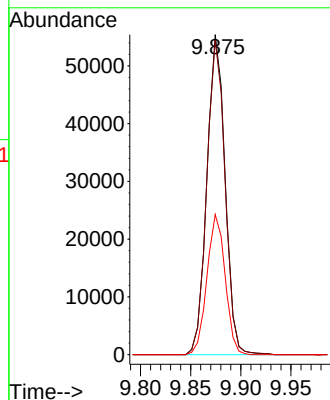
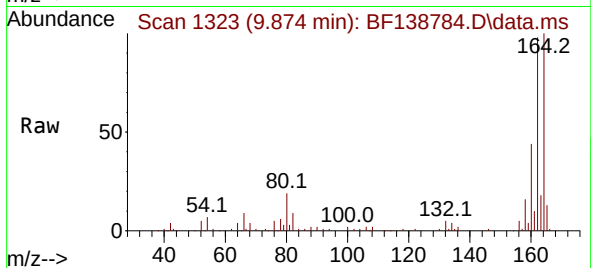
Tgt Ion:164 Resp: 69922

Ion Ratio Lower Upper

164 100

162 98.2 79.4 119.0

160 43.8 35.1 52.7



#42

2,4,6-Tribromophenol

Concen: 205.325 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

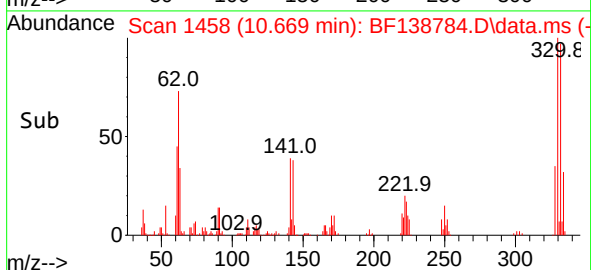
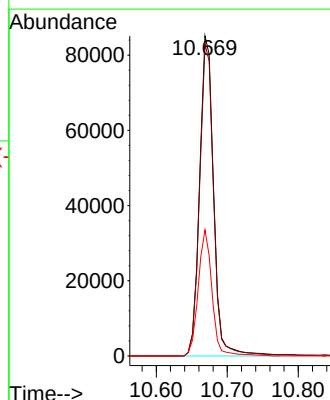
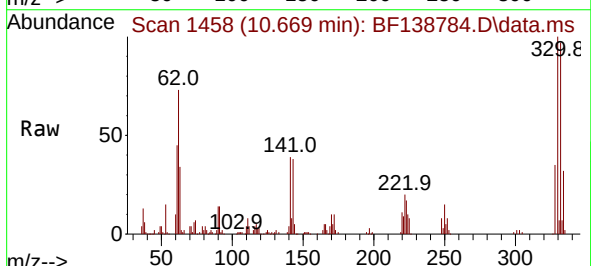
Tgt Ion:330 Resp: 117601

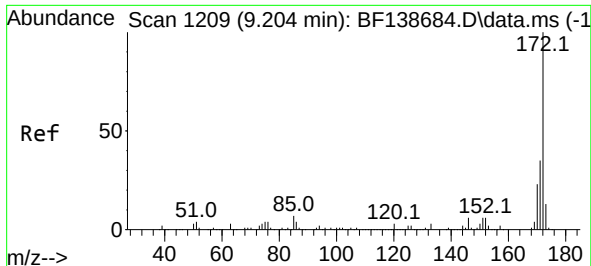
Ion Ratio Lower Upper

330 100

332 97.4 76.4 114.6

141 38.6 31.1 46.7





#45

2-Fluorobiphenyl

Concen: 126.736 ng

RT: 9.198 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

TP1

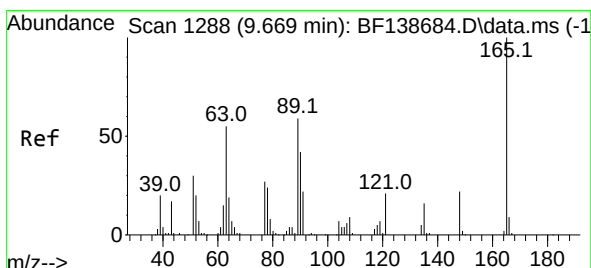
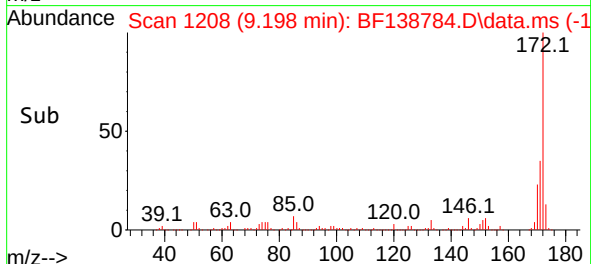
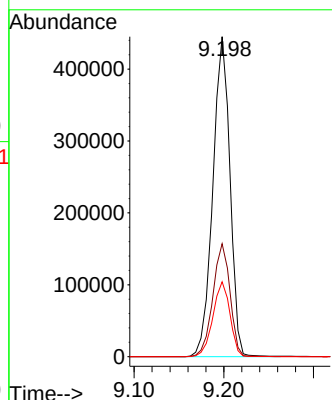
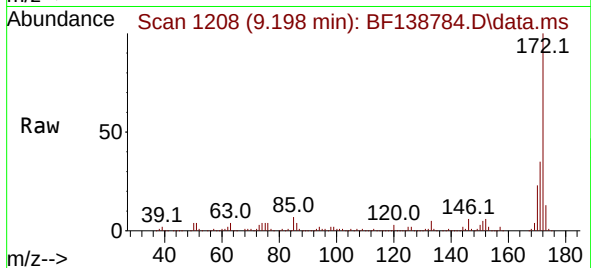
Tgt Ion:172 Resp: 589796

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.4 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 8.723 ng

RT: 9.874 min Scan# 1323

Delta R.T. 0.206 min

Lab File: BF138784.D

Acq: 05 Aug 2024 14:13

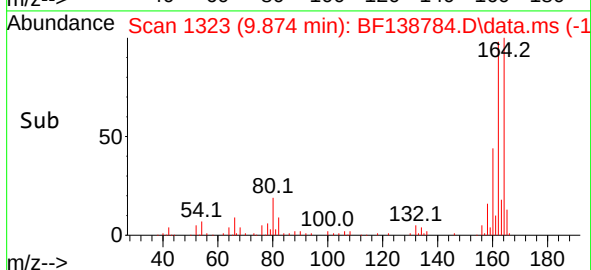
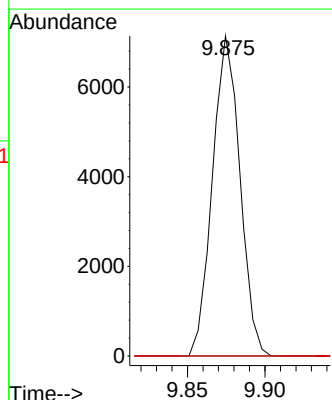
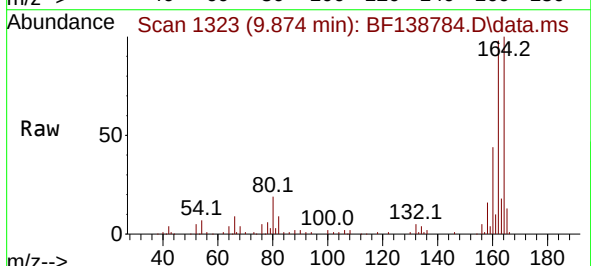
Tgt Ion:165 Resp: 8802

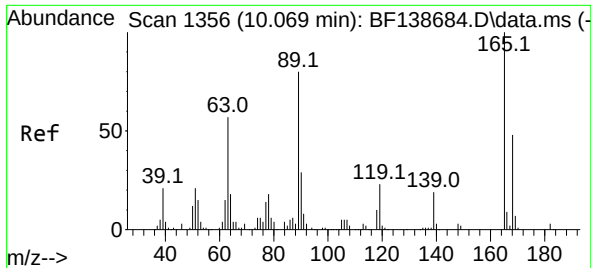
Ion Ratio Lower Upper

165 100

63 0.0 52.0 78.0#

89 0.0 47.0 70.6#

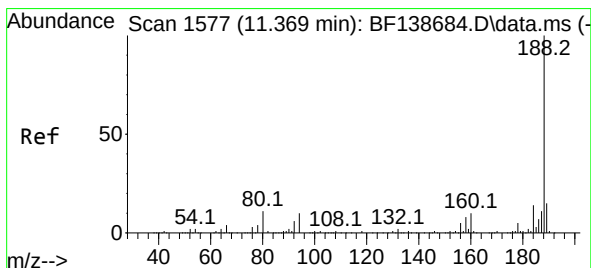
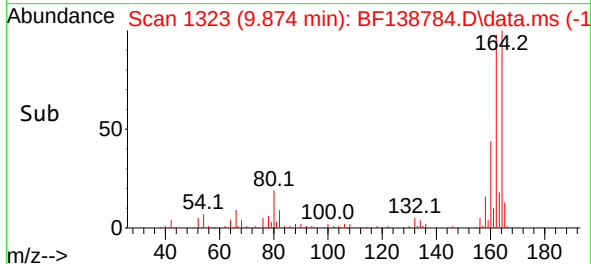
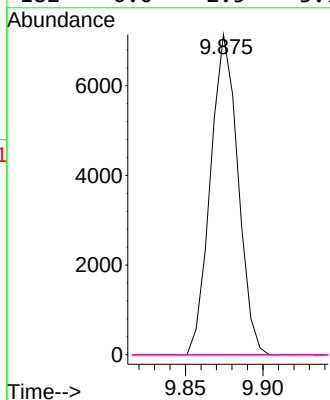
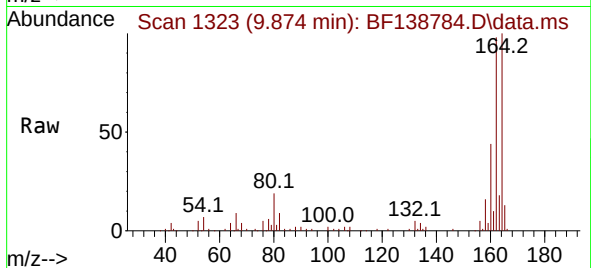




#57
2,4-Dinitrotoluene
Concen: 6.837 ng
RT: 9.874 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

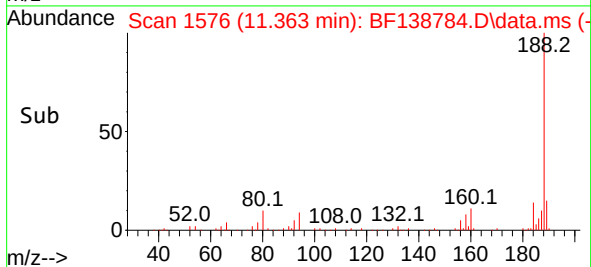
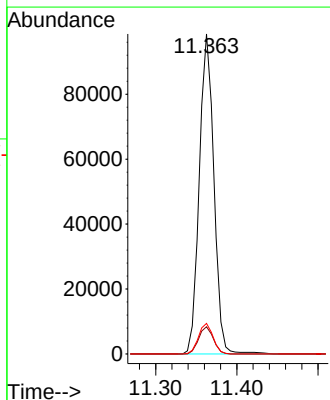
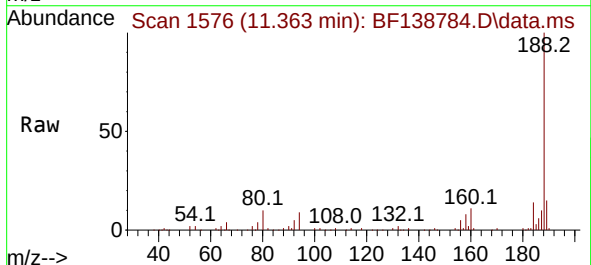
Instrument :
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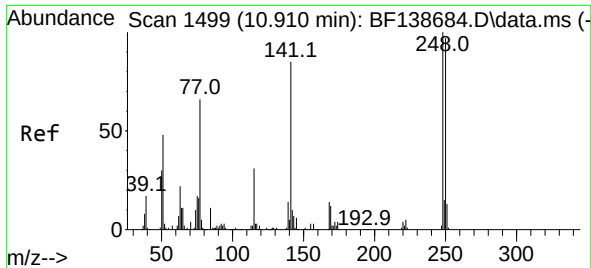
Tgt Ion:165	Resp:	8802
Ion Ratio	Lower	Upper
165	100	
63	0.0	46.3 69.5#
89	0.0	64.2 96.4#
182	0.0	2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion:188	Resp:	123121
Ion Ratio	Lower	Upper
188	100	
94	8.5	7.6 11.4
80	9.6	8.6 12.8

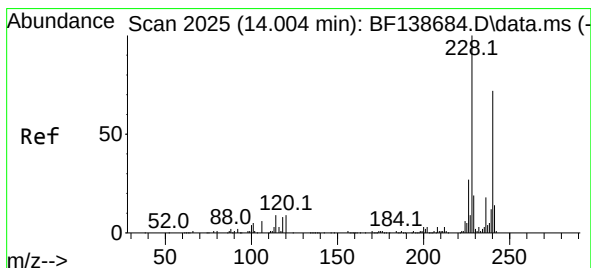
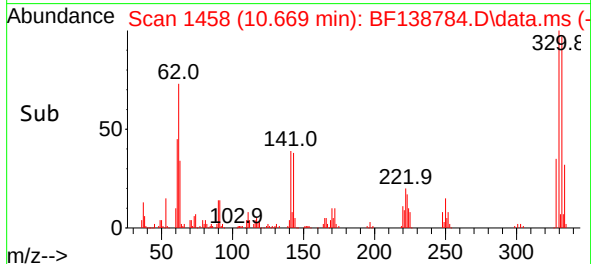
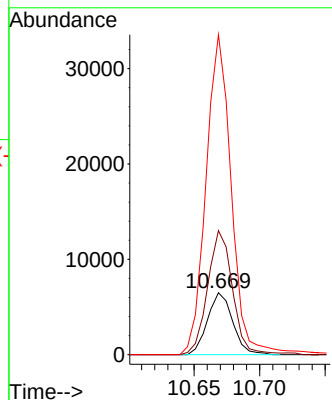
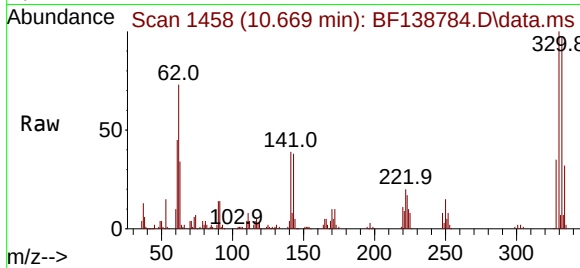




#67
4-Bromophenyl-phenylether
Concen: 6.519 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

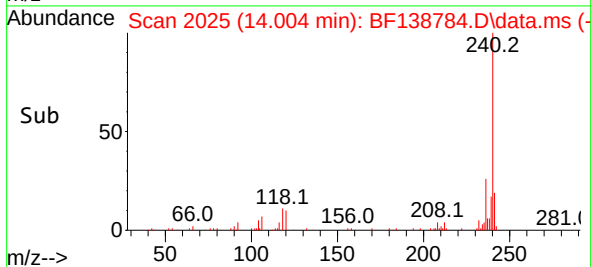
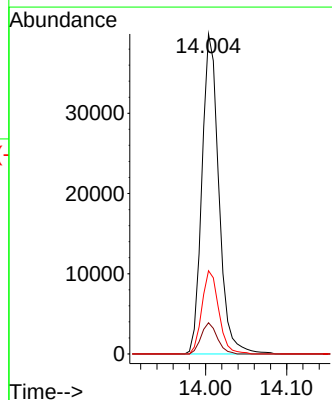
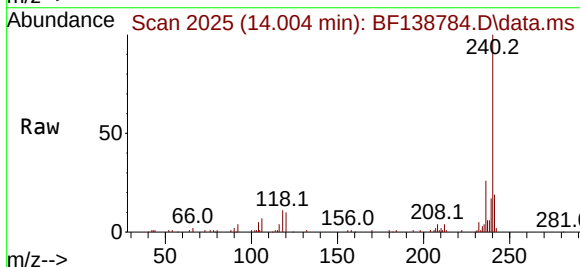
Instrument :
BNA_F
ClientSampleId :
TP1

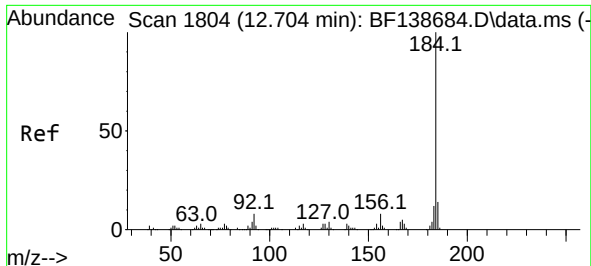
Tgt Ion:248 Resp: 8690
Ion Ratio Lower Upper
248 100
250 200.2 77.7 116.5#
141 516.7 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion:240 Resp: 57633
Ion Ratio Lower Upper
240 100
120 9.7 10.2 15.4#
236 26.0 19.8 29.8

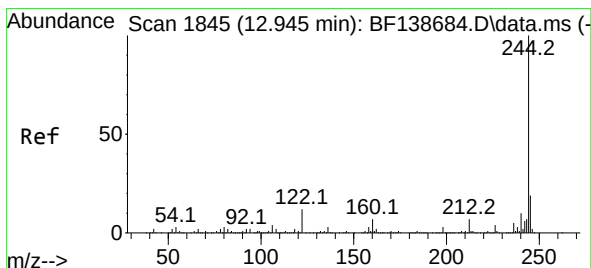
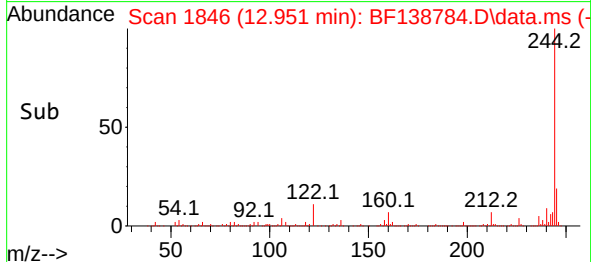
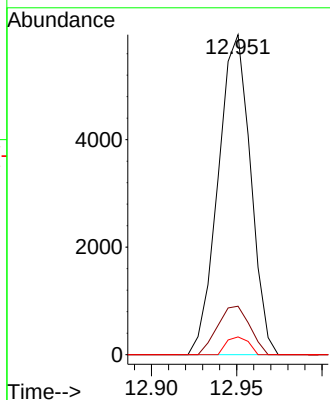
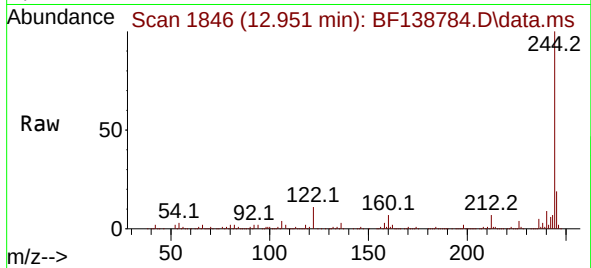




#77
Benzidine
Concen: 5.720 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

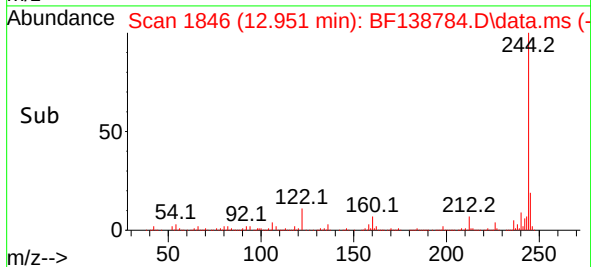
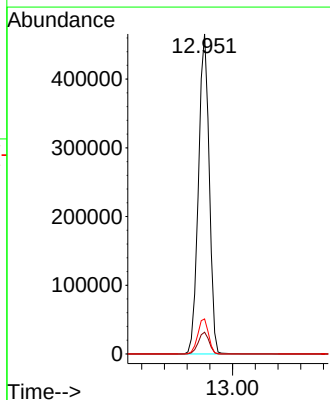
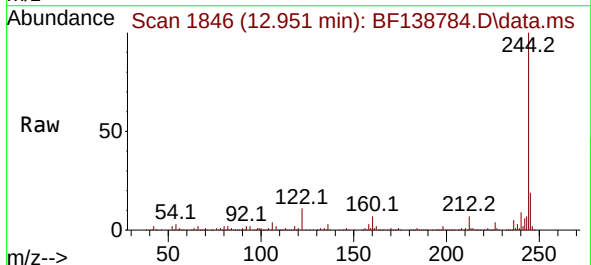
Instrument :
BNA_F
ClientSampleId :
TP1

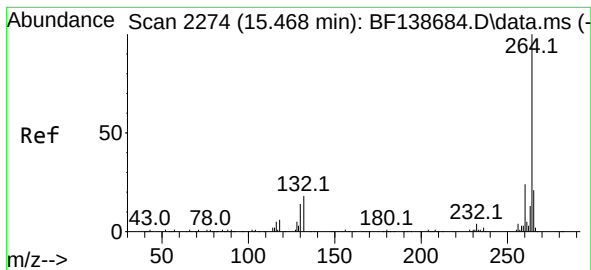
Tgt Ion:184 Resp: 7885
Ion Ratio Lower Upper
184 100
185 15.2 11.1 16.7
183 5.5 9.6 14.4#



#79
Terphenyl-d14
Concen: 178.106 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138784.D
Acq: 05 Aug 2024 14:13

Tgt Ion:244 Resp: 613090
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 11.0 9.6 14.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138784.D

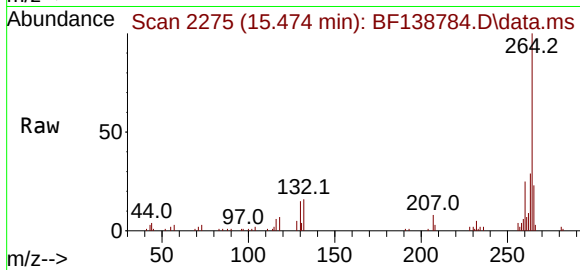
Acq: 05 Aug 2024 14:13

Instrument :

BNA_F

ClientSampleId :

TP1



Tgt Ion:264 Resp: 32145

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 22.8 17.0 25.6

