

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
 Data File : BF138752.D
 Acq On : 02 Aug 2024 17:46
 Operator : RC/JU
 Sample : P3396-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF04-01

Quant Time: Aug 02 18:11:49 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)

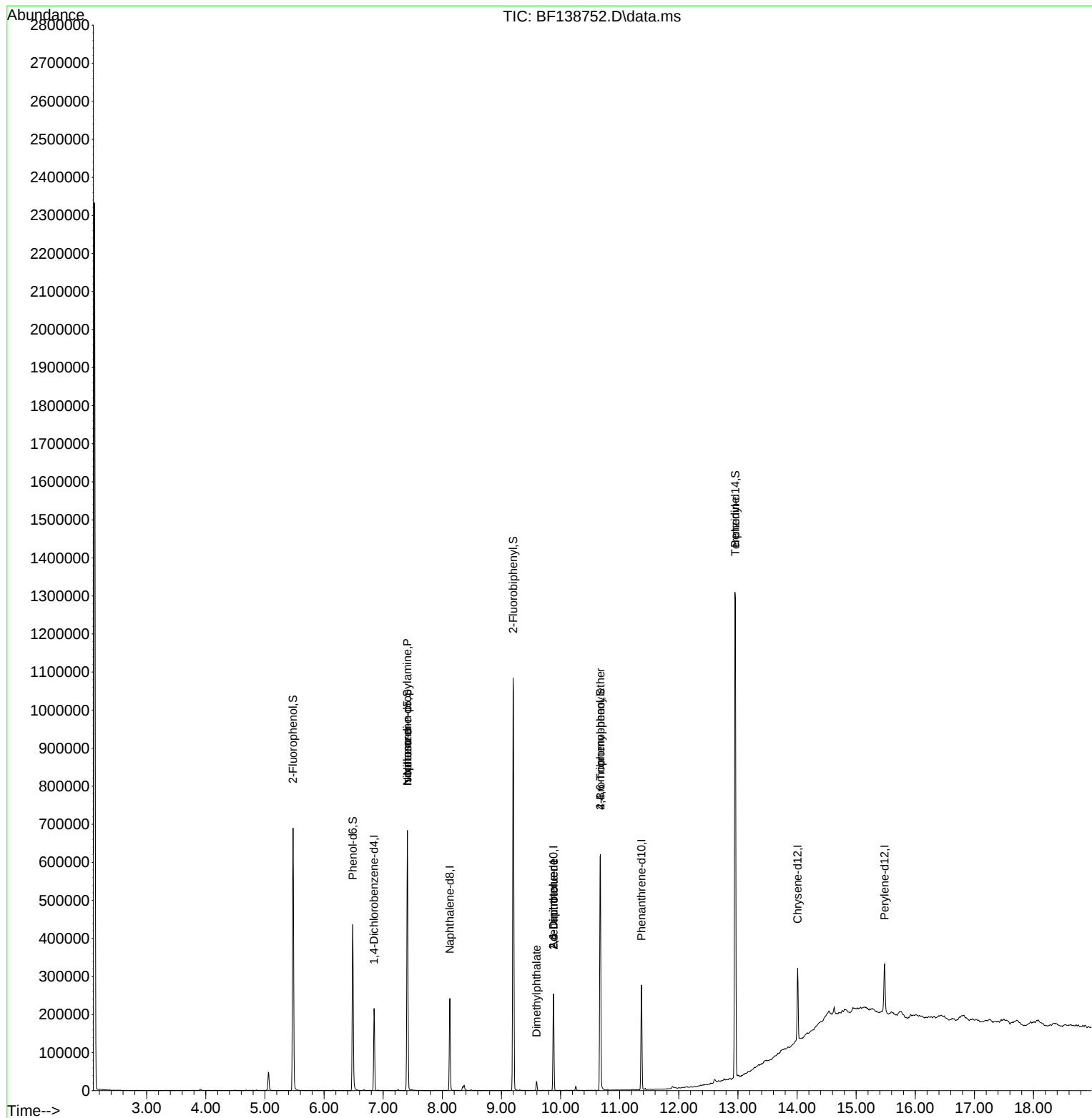
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	41758	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	139542	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	70552	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	136866	20.000	ng	0.00
76) Chrysene-d12	14.010	240	84942	20.000	ng	0.00
86) Perylene-d12	15.480	264	72116	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	232744	86.038	ng	0.00
7) Phenol-d6	6.487	99	188603	51.929	ng	0.00
23) Nitrobenzene-d5	7.410	82	288839	101.200	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	94376	163.304	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	462895	98.580	ng	0.00
79) Terphenyl-d14	12.957	244	618737	121.958	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	38234	17.430	ng	# 75
25) Isophorone	7.410	82	286056	58.696	ng	# 66
50) Dimethylphthalate	9.592	163	13279	2.944	ng	98
51) 2,6-Dinitrotoluene	9.881	165	9173	9.010	ng	# 19
57) 2,4-Dinitrotoluene	9.881	165	9173	7.062	ng	# 16
67) 4-Bromophenyl-phenylether	10.675	248	6802	4.590	ng	# 1
77) Benzidine	12.951	184	8783	4.323	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080224\
Data File : BF138752.D
Acq On : 02 Aug 2024 17:46
Operator : RC/JU
Sample : P3396-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

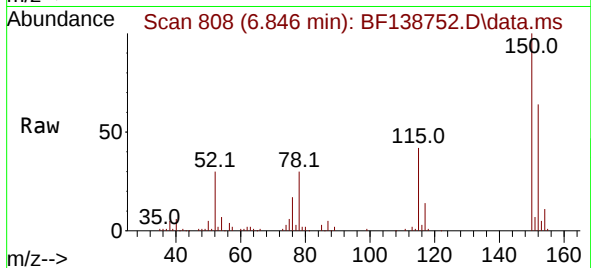
Quant Time: Aug 02 18:11:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration



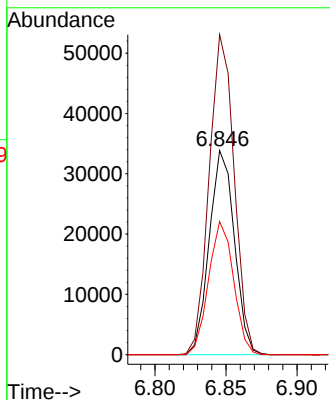
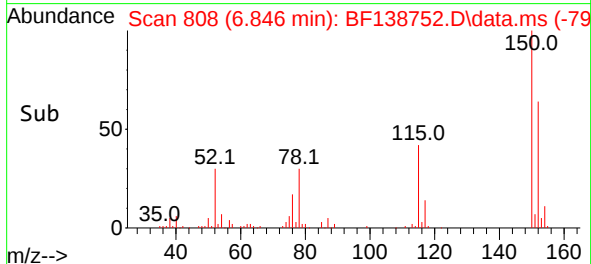


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

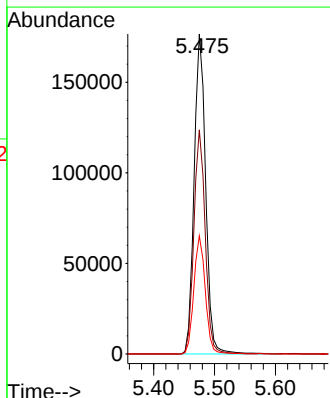
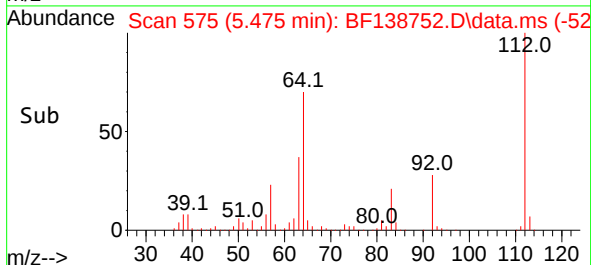
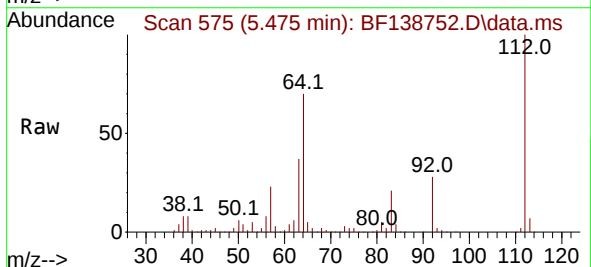


Tgt Ion:152 Resp: 41758
Ion Ratio Lower Upper
152 100
150 156.8 126.0 189.0
115 65.2 51.7 77.5



#5
2-Fluorophenol
Concen: 86.038 ng
RT: 5.475 min Scan# 575
Delta R.T. 0.006 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Tgt Ion:112 Resp: 232744
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 36.9 28.7 43.1

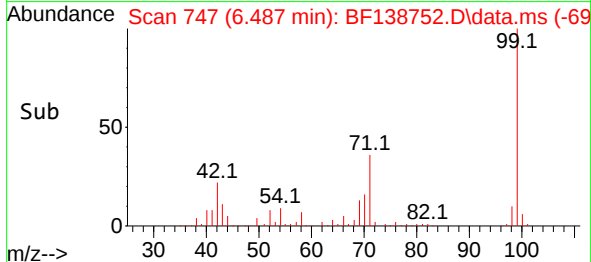
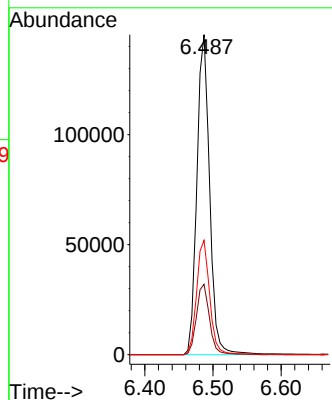
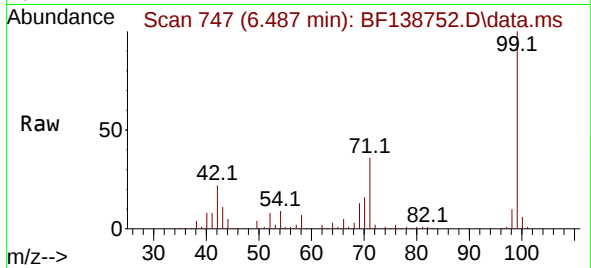




#7
Phenol-d6
Concen: 51.929 ng
RT: 6.487 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

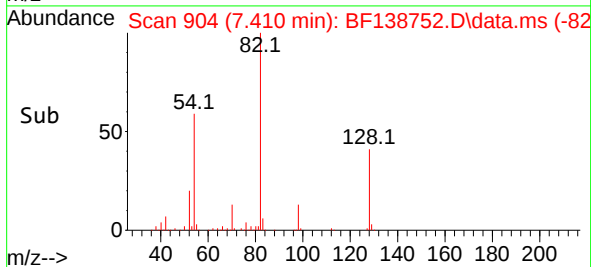
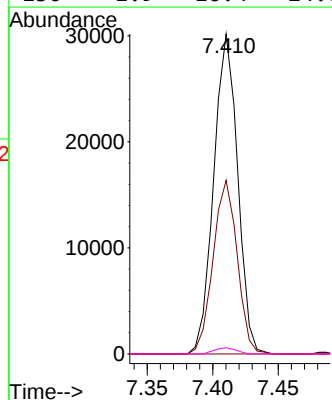
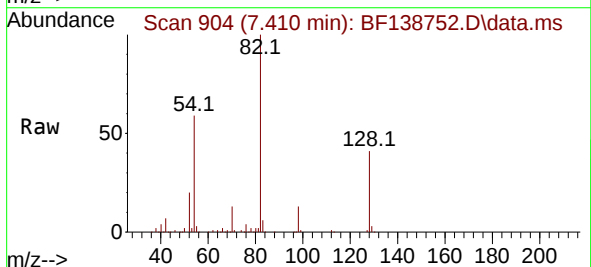
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

Tgt Ion: 99 Resp: 188603
Ion Ratio Lower Upper
99 100
42 22.0 17.4 26.0
71 35.7 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 17.430 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.153 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Tgt Ion: 70 Resp: 38234
Ion Ratio Lower Upper
70 100
42 54.3 57.4 86.0#
101 0.0 7.5 11.3#
130 1.9 16.4 24.6#





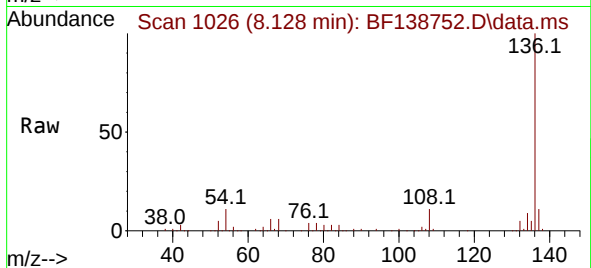
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Instrument :

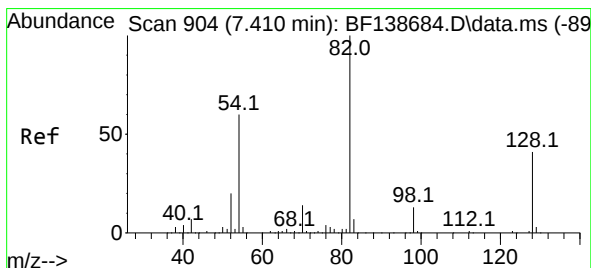
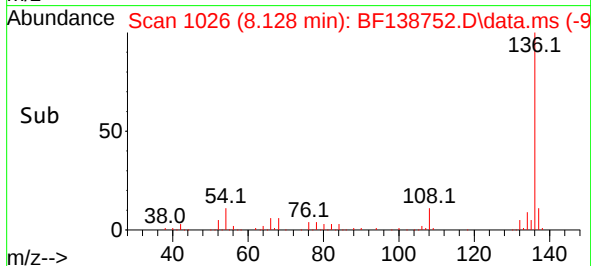
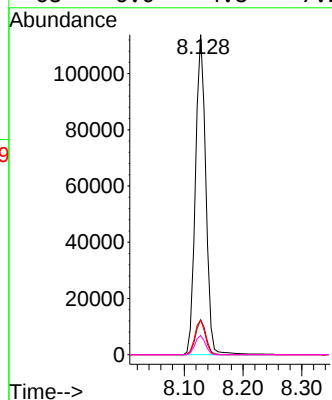
BNA_F

ClientSampleId :

P001-CF04-01

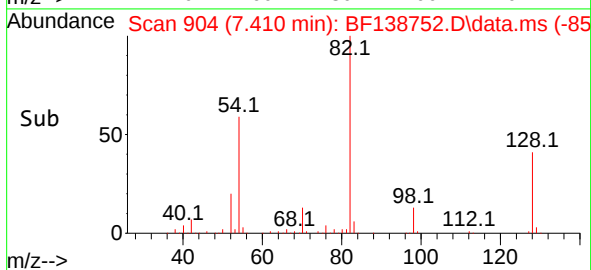
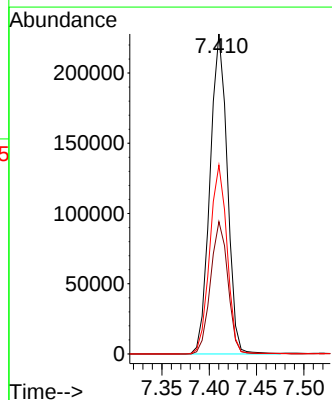
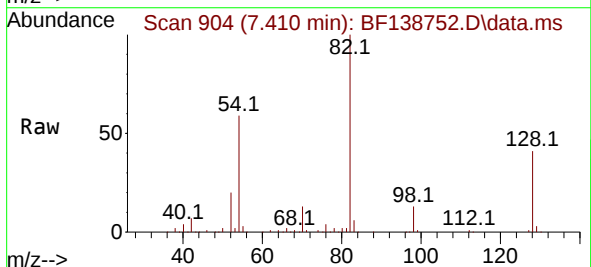


Tgt	Ion:136	Resp:	139542
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	10.9	8.6	12.8
68	6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 101.200 ng
RT: 7.410 min Scan# 904
Delta R.T. 0.000 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Tgt Ion: 82	Resp: 288839
Ion Ratio	Lower Upper
82 100	
128 41.4	32.8 49.2
54 59.0	48.3 72.5

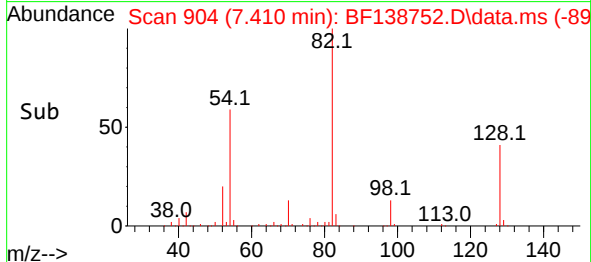
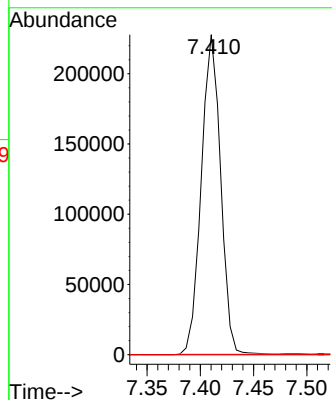
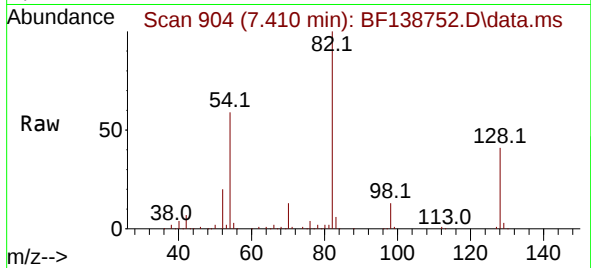




#25
Isophorone
Concen: 58.696 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.259 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

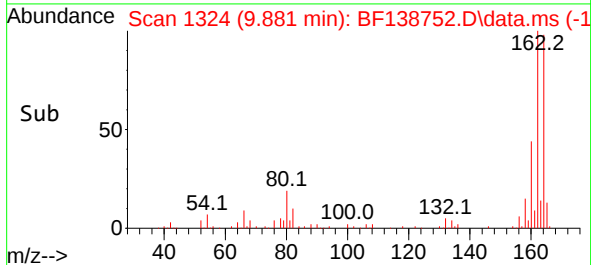
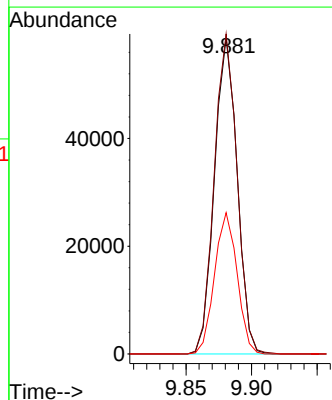
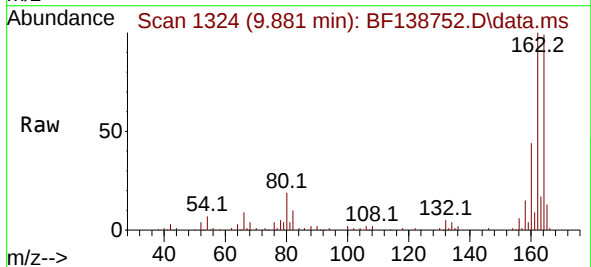
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

Tgt Ion: 82 Resp: 286056
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: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Tgt Ion:164 Resp: 70552
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 44.7 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 163.304 ng

RT: 10.675 min Scan# 1458

Delta R.T. 0.006 min

Lab File: BF138752.D

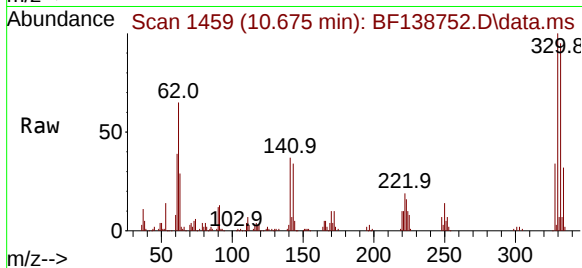
Acq: 02 Aug 2024 17:46

Instrument :

BNA_F

ClientSampleId :

P001-CF04-01



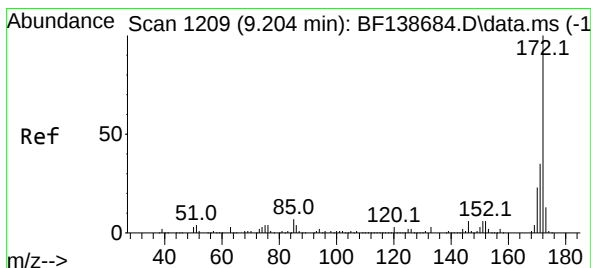
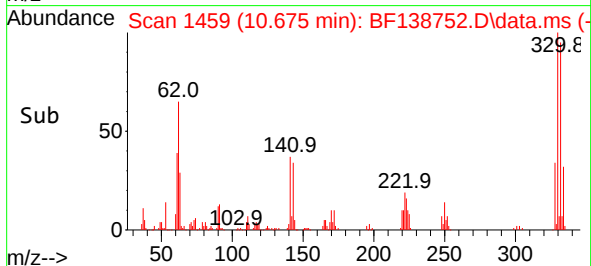
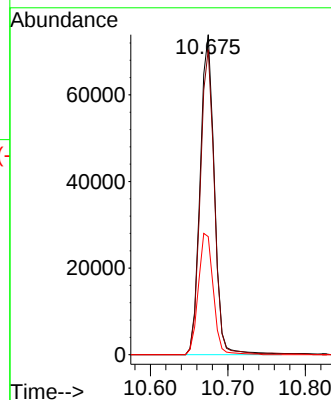
Tgt Ion:330 Resp: 94376

Ion Ratio Lower Upper

330 100

332 94.4 76.4 114.6

141 39.7 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 98.580 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138752.D

Acq: 02 Aug 2024 17:46

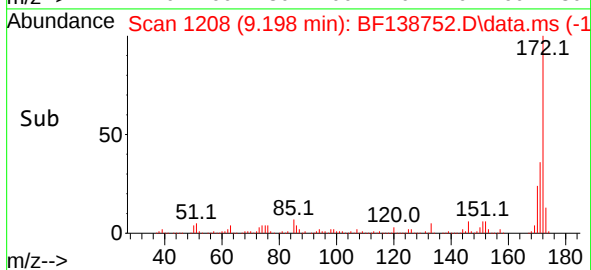
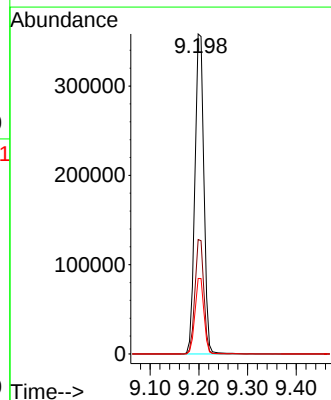
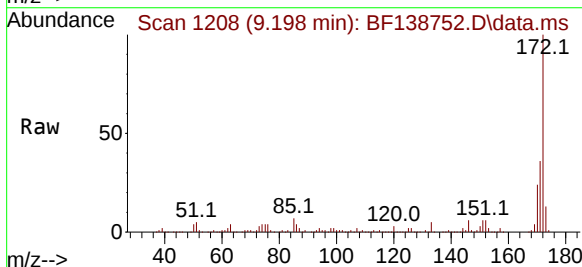
Tgt Ion:172 Resp: 462895

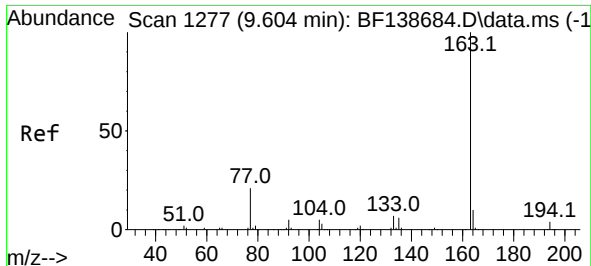
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 18.8 28.2

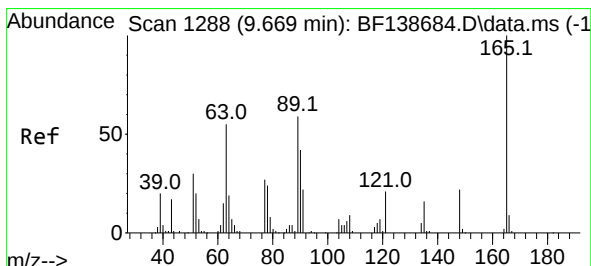
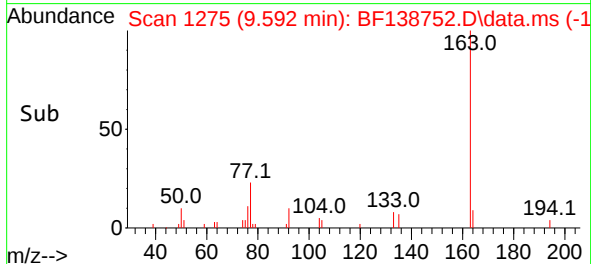
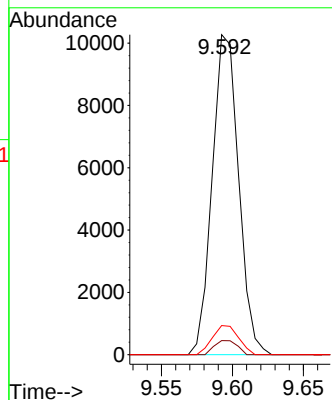
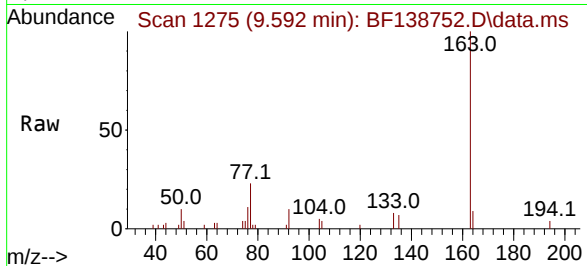




#50
Dimethylphthalate
Concen: 2.944 ng
RT: 9.592 min Scan# 13279
Delta R.T. -0.012 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

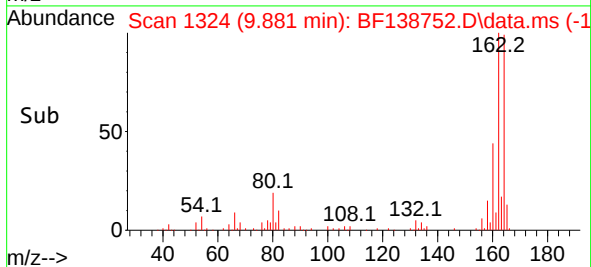
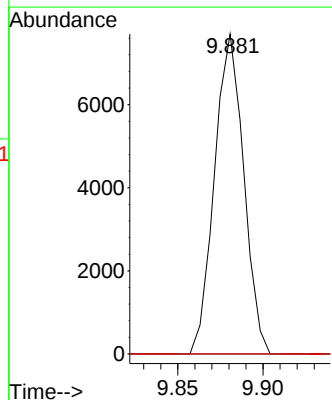
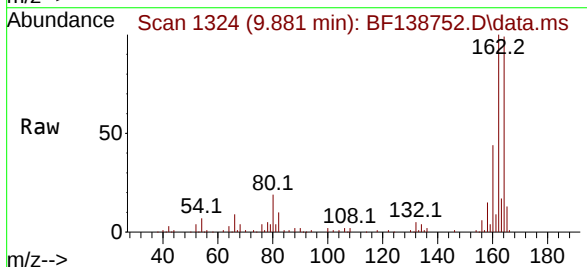
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

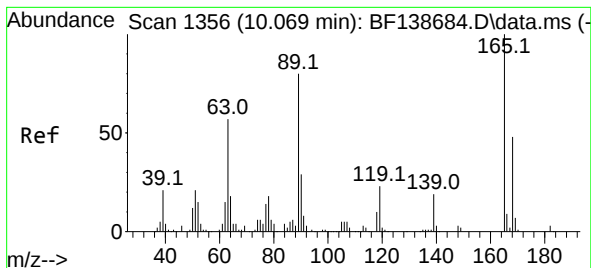
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.1	4.7
164	9.1	7.8	11.8



#51
2,6-Dinitrotoluene
Concen: 9.010 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.212 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.0	78.0#
89	0.0	47.0	70.6#

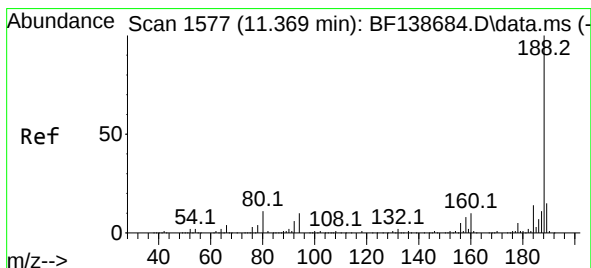
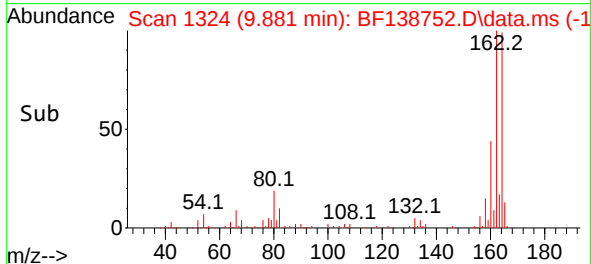
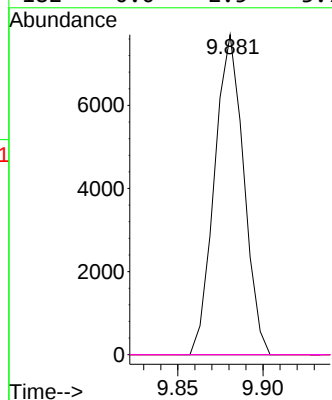
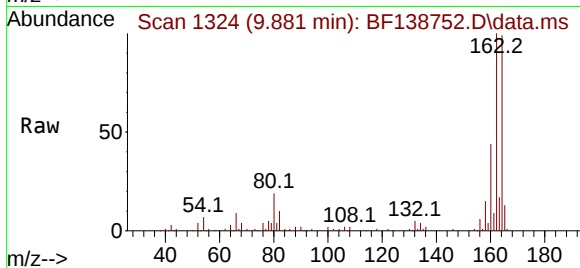




#57
2,4-Dinitrotoluene
Concen: 7.062 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

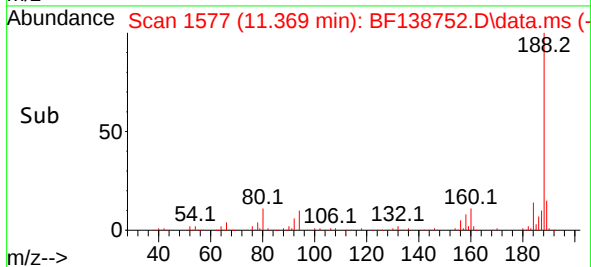
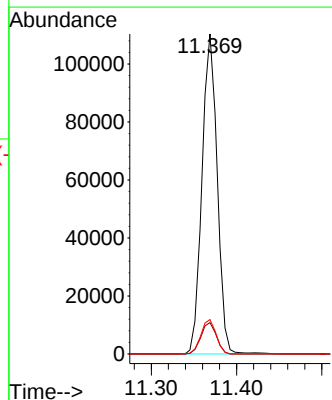
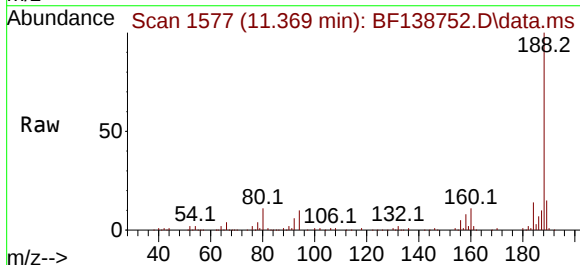
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

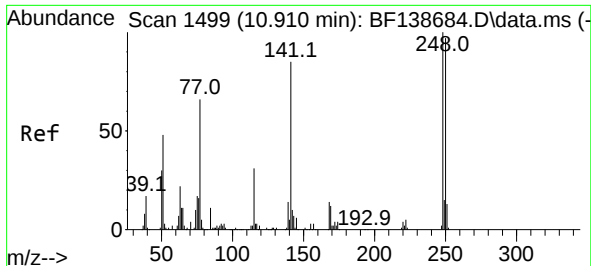
Tgt Ion:165 Resp: 9173
Ion Ratio Lower Upper
165 100
63 0.0 46.3 69.5#
89 0.0 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Tgt Ion:188 Resp: 136866
Ion Ratio Lower Upper
188 100
94 9.8 7.6 11.4
80 10.8 8.6 12.8

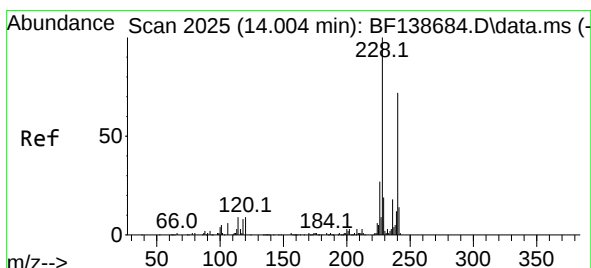
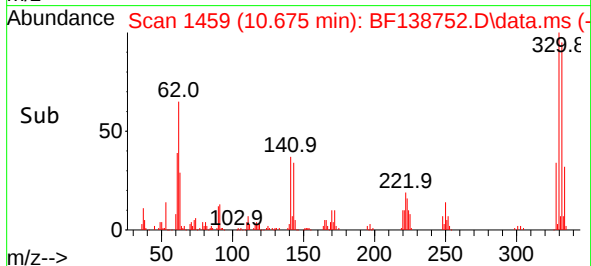
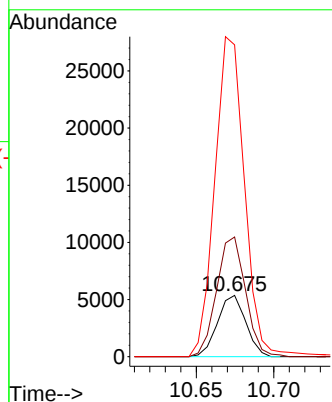
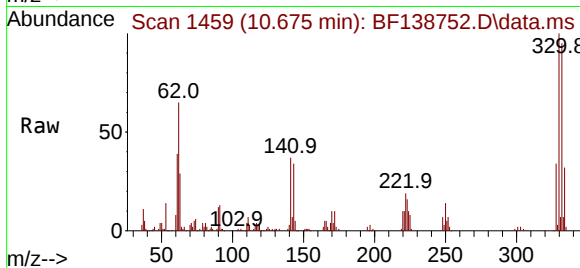




#67
4-Bromophenyl-phenylether
Concen: 4.590 ng
RT: 10.675 min Scan# 1499
Delta R.T. -0.235 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

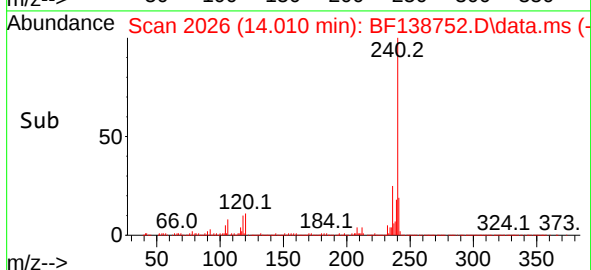
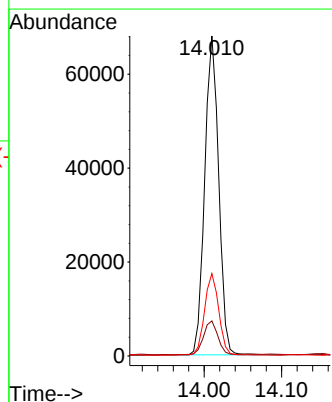
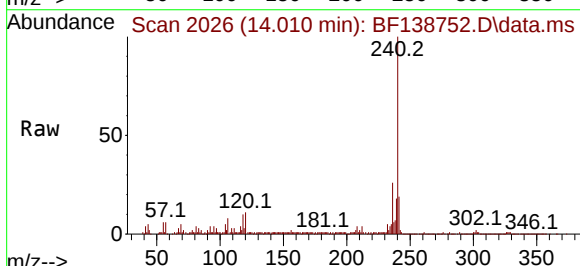
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

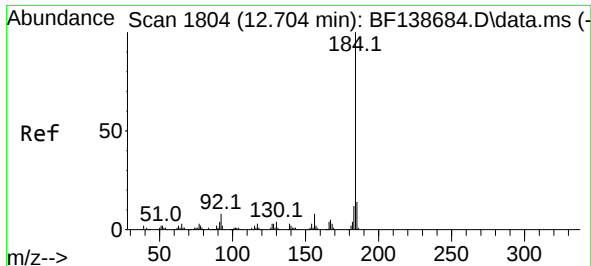
Tgt Ion:248 Resp: 6802
Ion Ratio Lower Upper
248 100
250 195.5 77.7 116.5#
141 509.5 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Tgt Ion:240 Resp: 84942
Ion Ratio Lower Upper
240 100
120 11.0 10.2 15.4
236 25.7 19.8 29.8

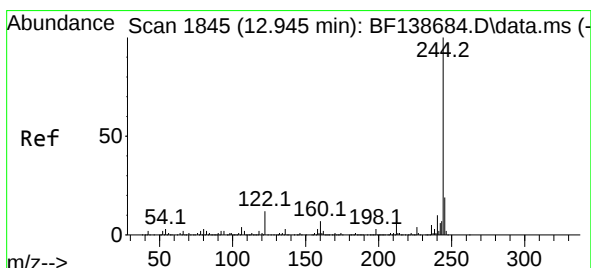
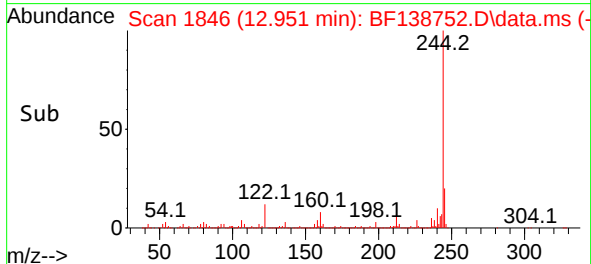
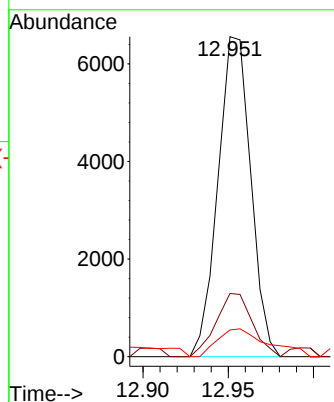
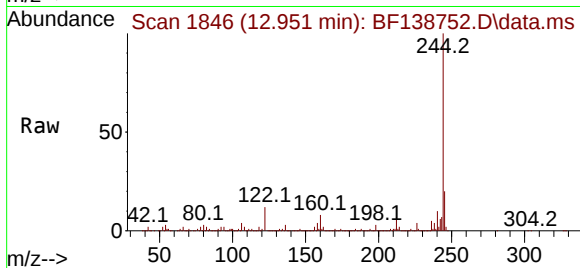




#77
Benzidine
Concen: 4.323 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.247 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

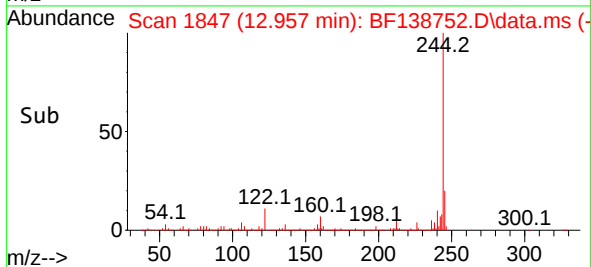
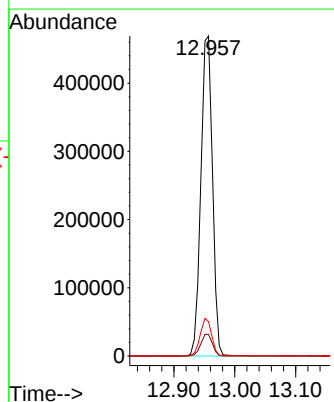
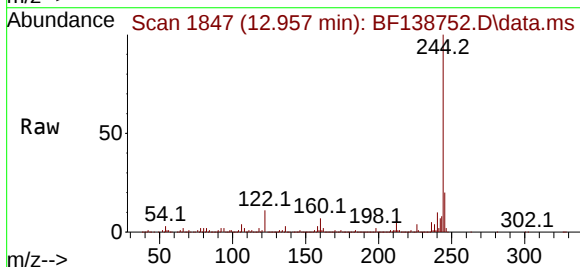
Instrument :
BNA_F
ClientSampleId :
P001-CF04-01

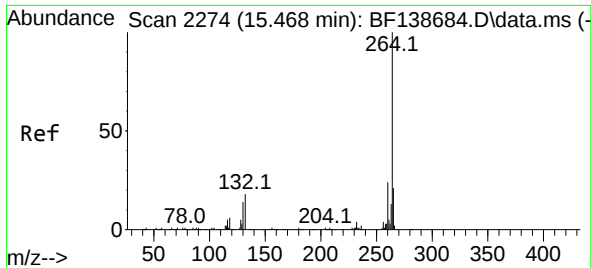
Tgt Ion:184 Resp: 8783
Ion Ratio Lower Upper
184 100
185 19.7 11.1 16.7#
183 8.4 9.6 14.4#



#79
Terphenyl-d14
Concen: 121.958 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.012 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

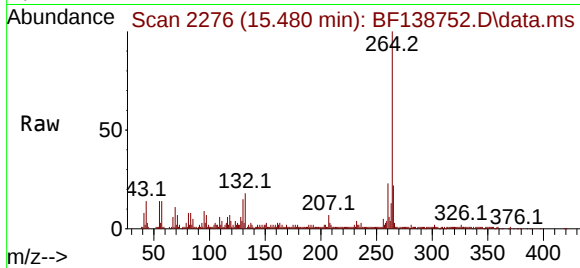
Tgt Ion:244 Resp: 618737
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.2
122 10.7 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF138752.D
Acq: 02 Aug 2024 17:46

Instrument :
BNA_F
ClientSampleId :
P001-CF04-01



Tgt Ion:	264	Resp:	72116
Ion Ratio	Lower	Upper	
264	100		
260	23.2	19.0	28.6
265	22.0	17.0	25.6

