

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138624.D
 Acq On : 23 Jul 2024 18:04
 Operator : RC/JU
 Sample : P3302-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-290

Quant Time: Jul 23 18:37:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

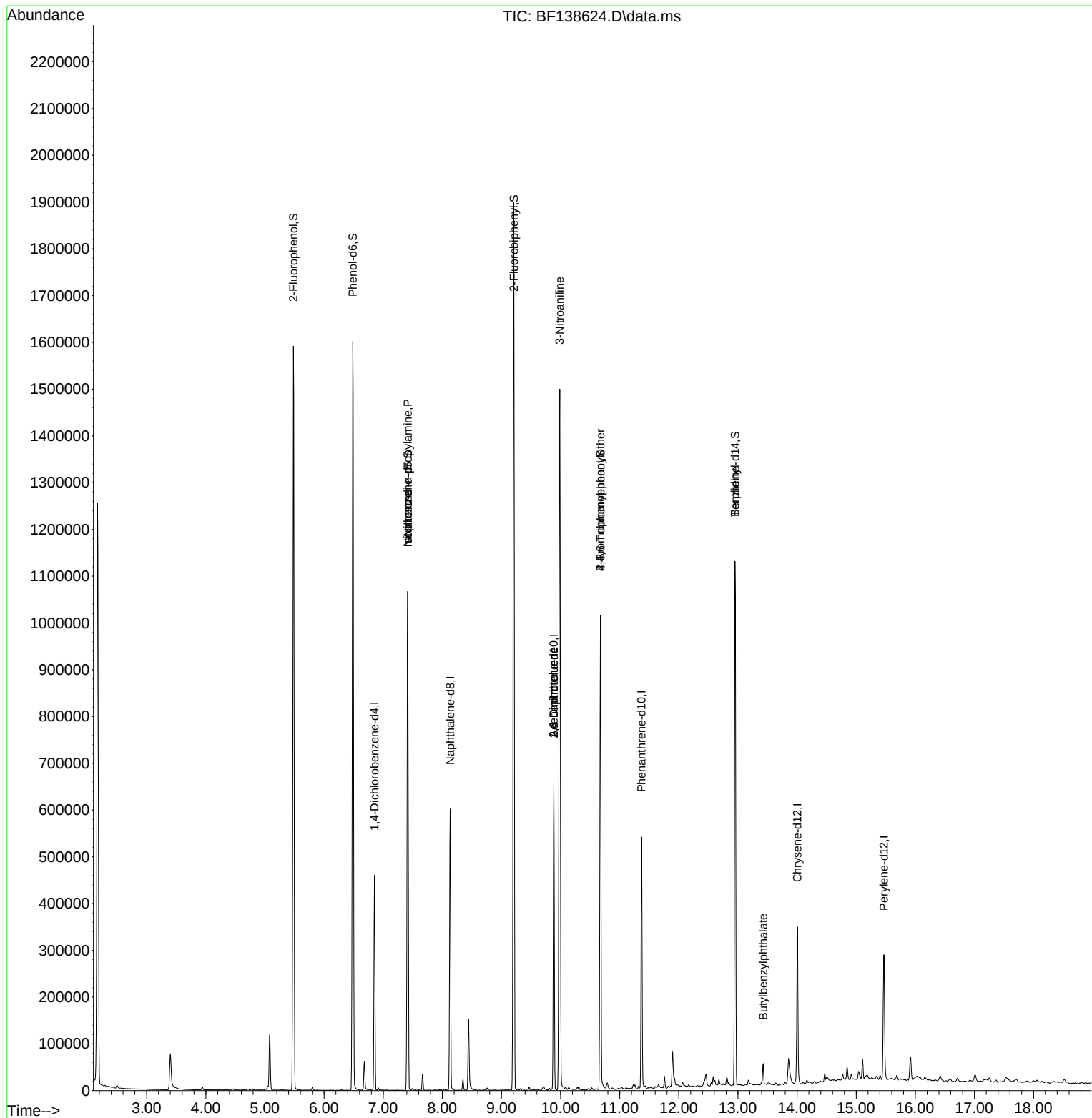
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	86221	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	354438	20.000	ng	-0.02
39) Acenaphthene-d10	9.886	164	186059	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	265875	20.000	ng	-0.02
76) Chrysene-d12	14.004	240	142127	20.000	ng	-0.02
86) Perylene-d12	15.468	264	145354	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	534238	98.132	ng	-0.01
7) Phenol-d6	6.487	99	736807	101.737	ng	-0.02
23) Nitrobenzene-d5	7.416	82	476993	66.074	ng	-0.02
42) 2,4,6-Tribromophenol	10.675	330	155364	89.346	ng	-0.02
45) 2-Fluorobiphenyl	9.210	172	815744	68.523	ng	-0.02
79) Terphenyl-d14	12.951	244	525181	60.198	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	65663	14.673	ng	# 71
25) Isophorone	7.416	82	474893	38.306	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	23276	8.403	ng	# 24
53) 3-Nitroaniline	9.986	138	15051	5.301	ng	# 3
57) 2,4-Dinitrotoluene	9.886	165	23276	6.494	ng	# 19
67) 4-Bromophenyl-phenylether	10.675	248	10107	3.699	ng	# 1
77) Benzidine	12.951	184	7636	2.129	ng	# 92
80) Butylbenzylphthalate	13.427	149	12728	2.933	ng	99

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

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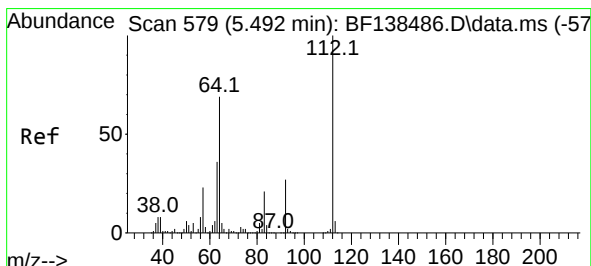
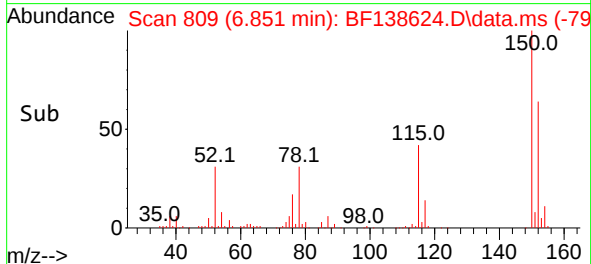
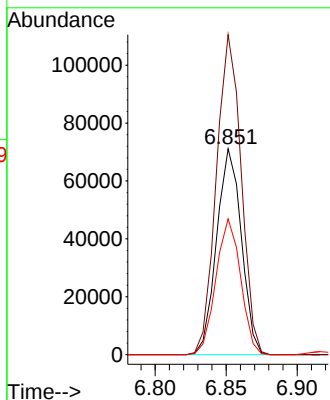
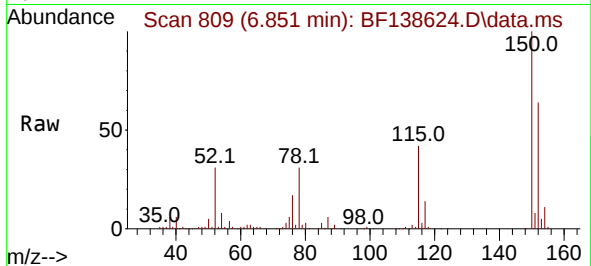




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 809
Delta R.T. -0.018 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

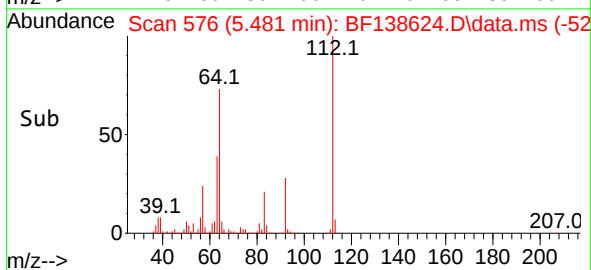
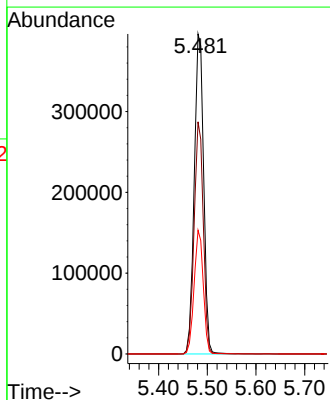
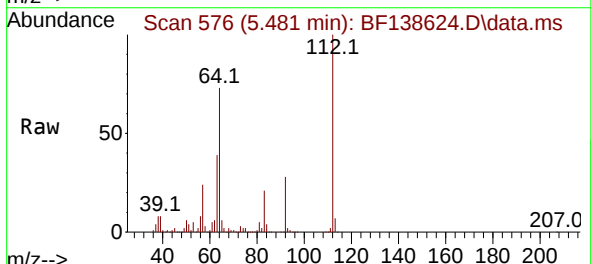
Instrument :
BNA_F
ClientSampleId :
285-290

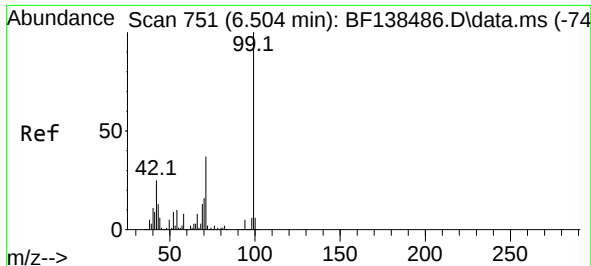
Tgt Ion:152 Resp: 86221
Ion Ratio Lower Upper
152 100
150 155.4 126.2 189.4
115 66.0 50.3 75.5



#5
2-Fluorophenol
Concen: 98.132 ng
RT: 5.481 min Scan# 576
Delta R.T. -0.012 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

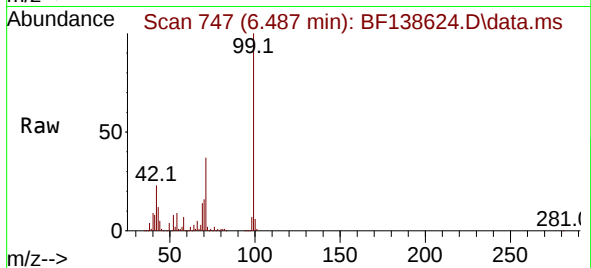
Tgt Ion:112 Resp: 534238
Ion Ratio Lower Upper
112 100
64 72.5 55.1 82.7
63 38.6 29.0 43.6



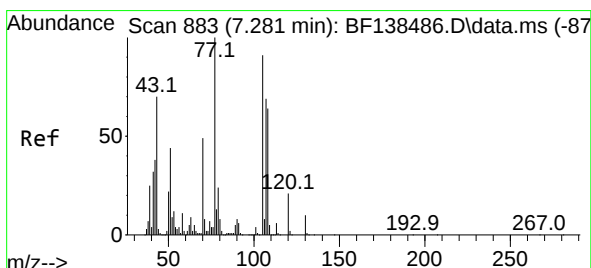
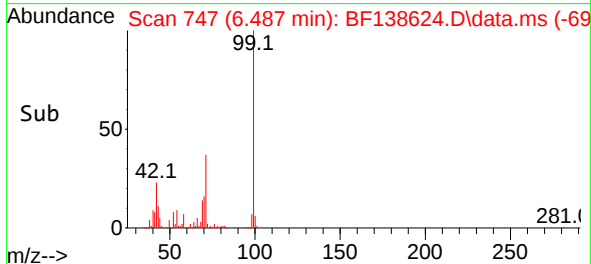
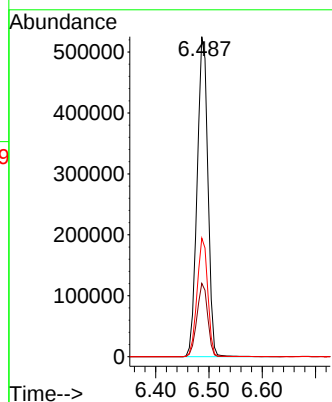


#7
Phenol-d6
Concen: 101.737 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

Instrument :
BNA_F
ClientSampleId :
285-290

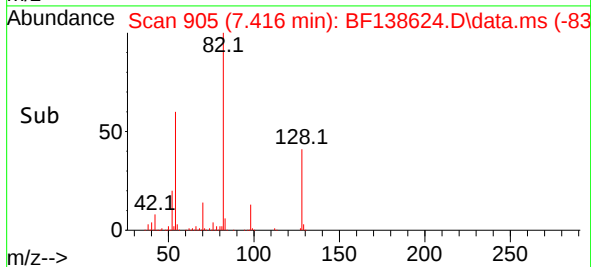
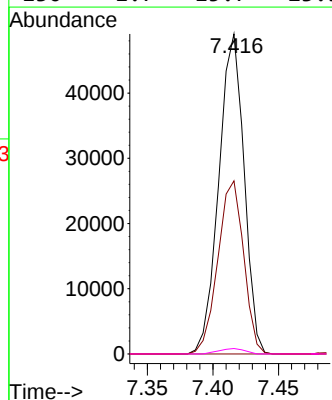
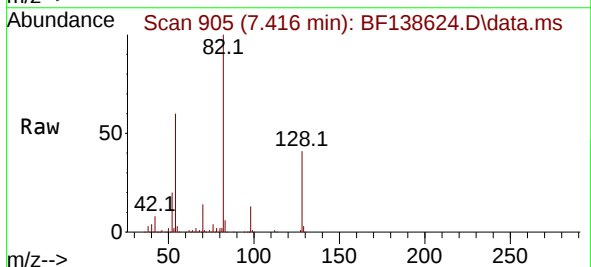


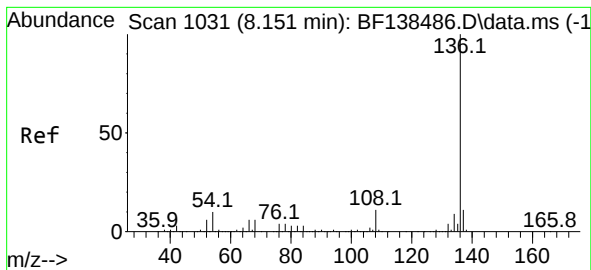
Tgt Ion: 99 Resp: 736807
Ion Ratio Lower Upper
99 100
42 22.9 19.7 29.5
71 37.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 14.673 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

Tgt Ion: 70 Resp: 65663
Ion Ratio Lower Upper
70 100
42 54.1 62.4 93.6#
101 0.0 7.2 10.8#
130 1.7 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.134 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF138624.D

Acq: 23 Jul 2024 18:04

Instrument :

BNA_F

ClientSampleId :

285-290

Tgt Ion:136 Resp: 354438

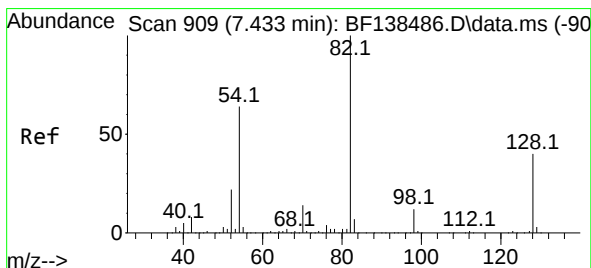
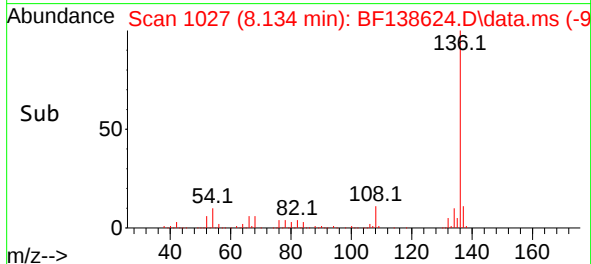
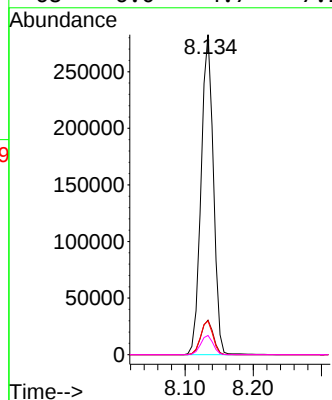
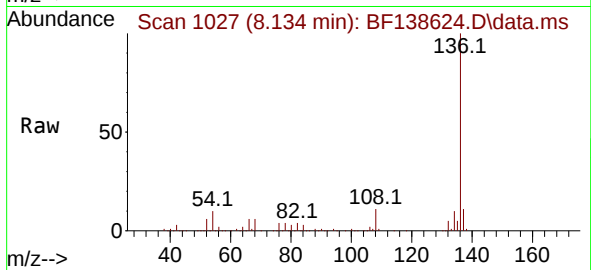
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.5 8.1 12.1

68 6.0 4.7 7.1



#23

Nitrobenzene-d5

Concen: 66.074 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.018 min

Lab File: BF138624.D

Acq: 23 Jul 2024 18:04

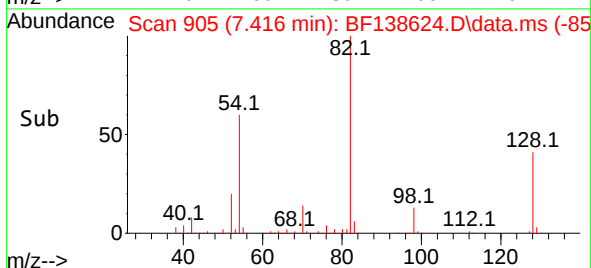
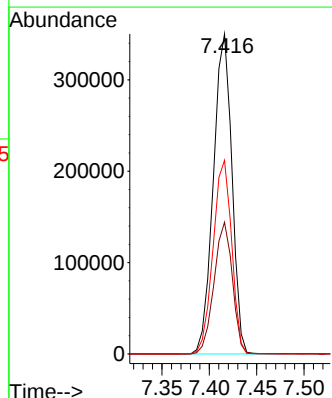
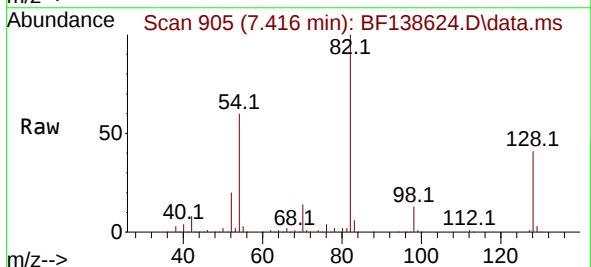
Tgt Ion: 82 Resp: 476993

Ion Ratio Lower Upper

82 100

128 41.2 32.3 48.5

54 60.5 51.4 77.0

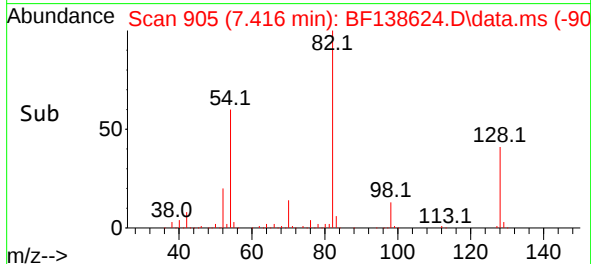
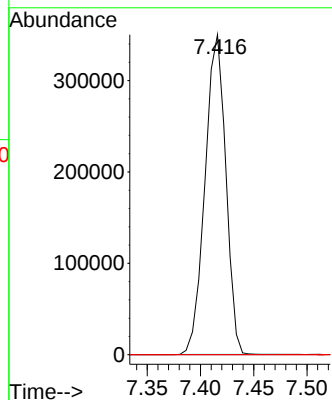
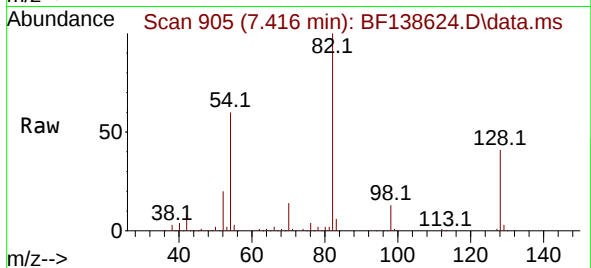




#25
Isophorone
Concen: 38.306 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.270 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

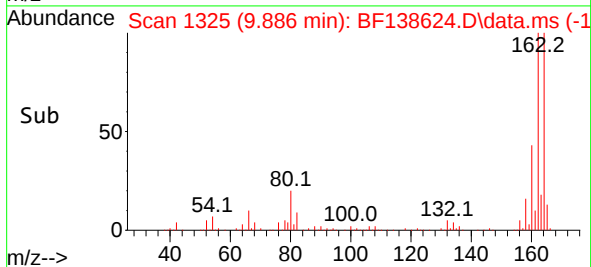
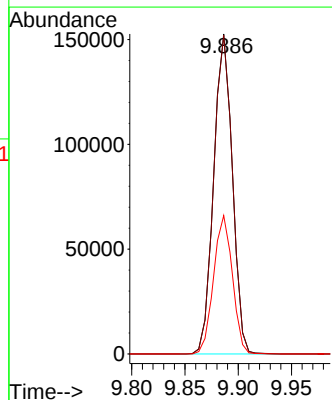
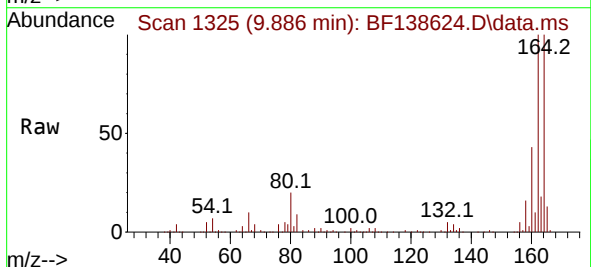
Instrument :
BNA_F
ClientSampleId :
285-290

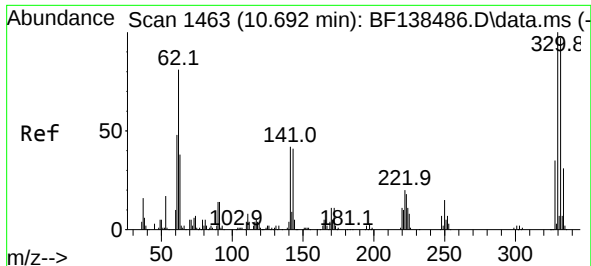
Tgt Ion: 82 Resp: 474893
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.018 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

Tgt Ion:164 Resp: 186059
Ion Ratio Lower Upper
164 100
162 99.6 79.0 118.6
160 43.2 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 89.346 ng

RT: 10.675 min Scan# 1463

Delta R.T. -0.018 min

Lab File: BF138624.D

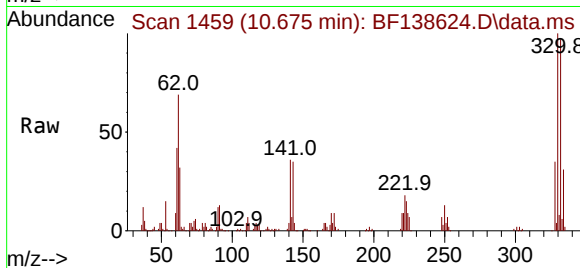
Acq: 23 Jul 2024 18:04

Instrument :

BNA_F

ClientSampleId :

285-290



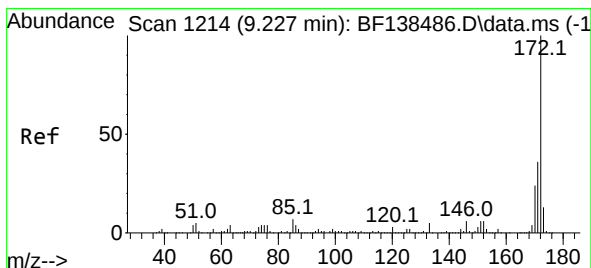
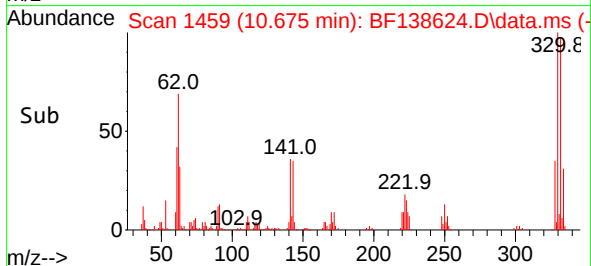
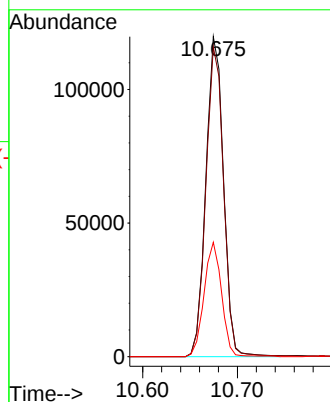
Tgt Ion:330 Resp: 155364

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 35.5 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 68.523 ng

RT: 9.210 min Scan# 1210

Delta R.T. -0.018 min

Lab File: BF138624.D

Acq: 23 Jul 2024 18:04

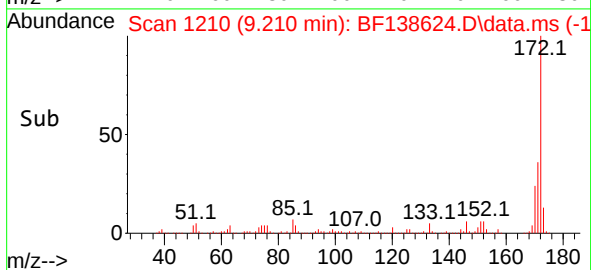
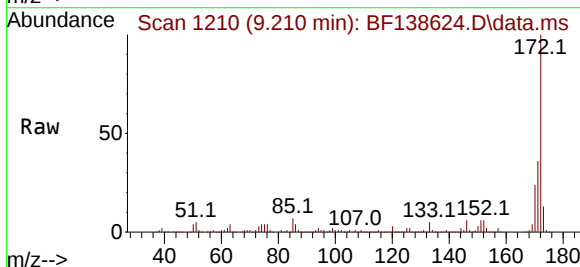
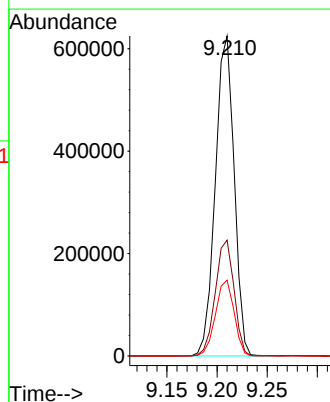
Tgt Ion:172 Resp: 815744

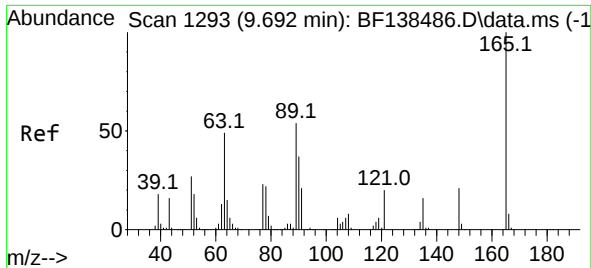
Ion Ratio Lower Upper

172 100

171 36.2 28.9 43.3

170 23.7 18.9 28.3

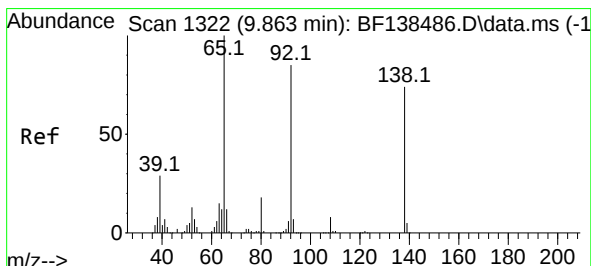
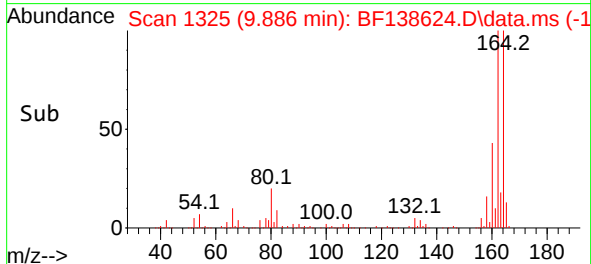
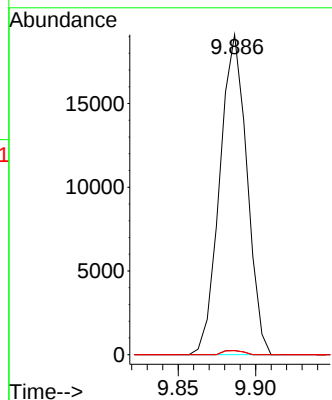
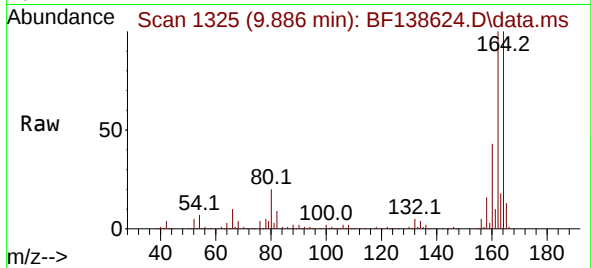




#51
2,6-Dinitrotoluene
Concen: 8.403 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

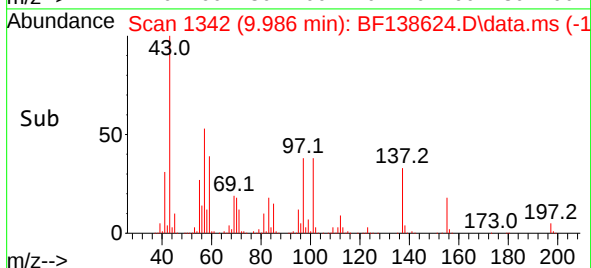
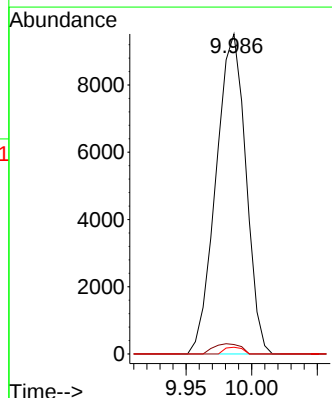
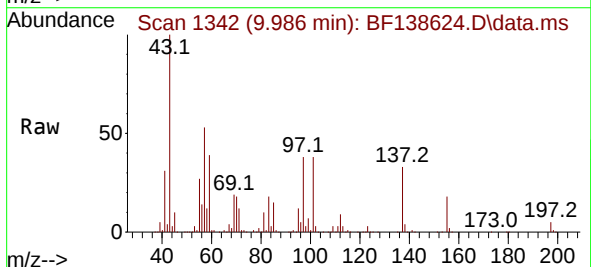
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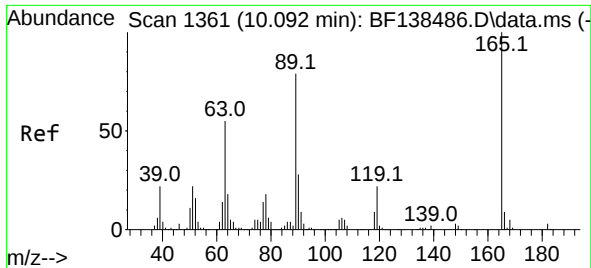
Tgt Ion:165 Resp: 23276
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.3 43.0 64.6#



#53
3-Nitroaniline
Concen: 5.301 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.124 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

Tgt Ion:138 Resp: 15051
Ion Ratio Lower Upper
138 100
108 3.0 8.3 12.5#
92 2.1 92.6 138.8#

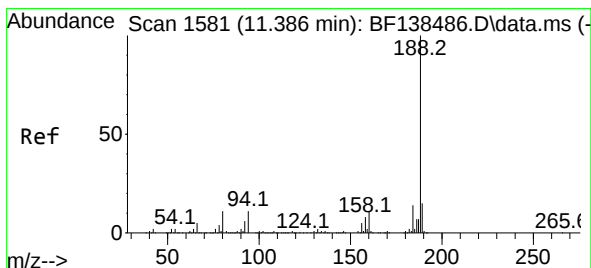
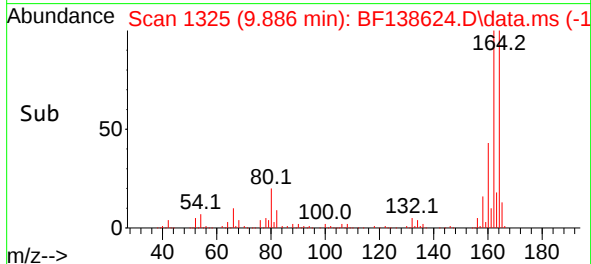
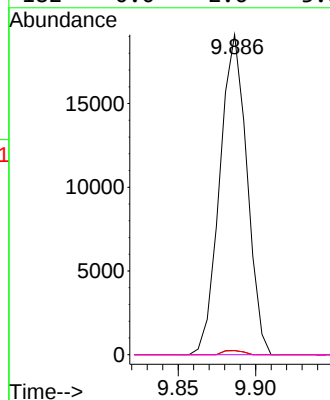
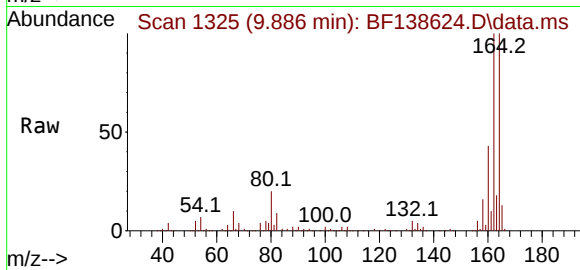




#57
2,4-Dinitrotoluene
Concen: 6.494 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

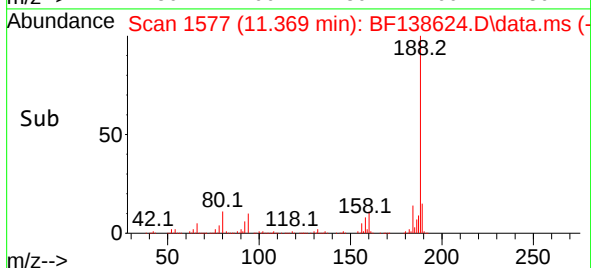
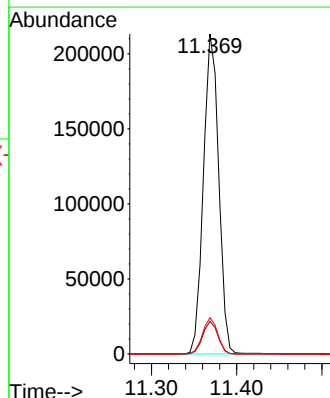
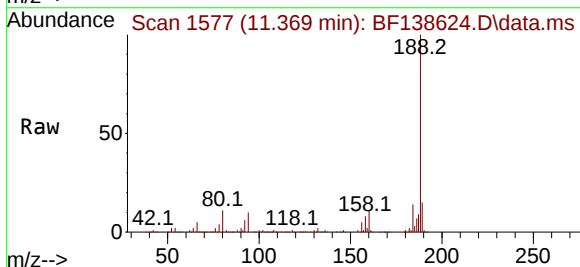
Instrument :
BNA_F
ClientSampleId :
285-290

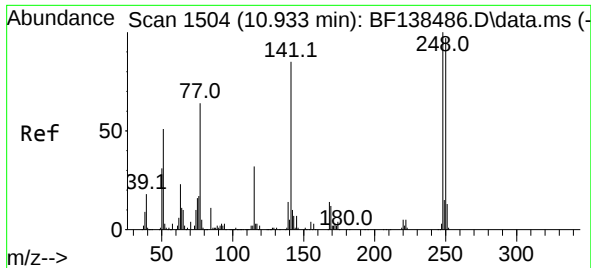
Tgt Ion:165	Resp:	23276
Ion Ratio	Lower	Upper
165	100	
63	1.3	44.6 66.8#
89	1.3	63.4 95.2#
182	0.0	2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. -0.018 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

Tgt Ion:188	Resp:	265875
Ion Ratio	Lower	Upper
188	100	
94	10.2	8.7 13.1
80	11.3	9.0 13.4

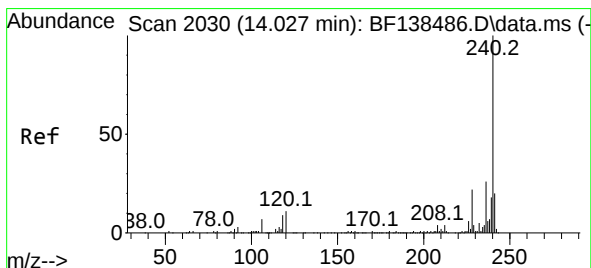
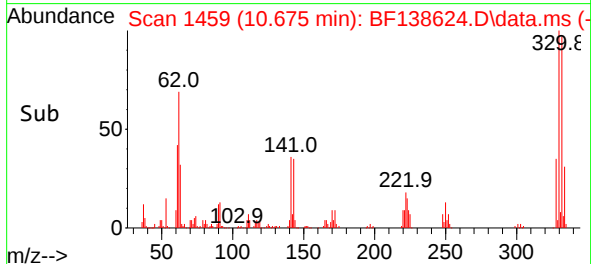
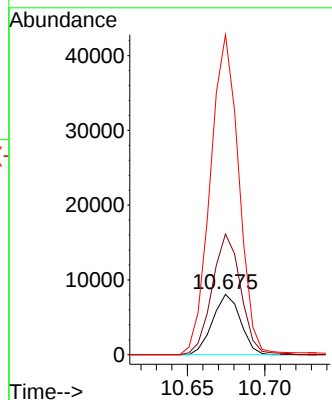
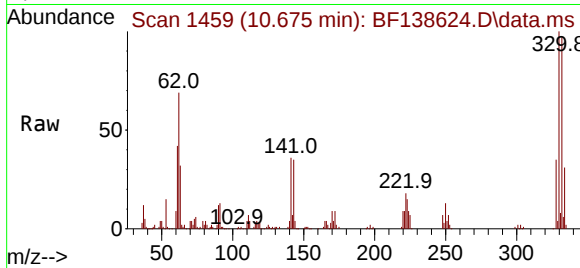




#67
4-Bromophenyl-phenylether
Concen: 3.699 ng
RT: 10.675 min Scan# 141
Delta R.T. -0.259 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

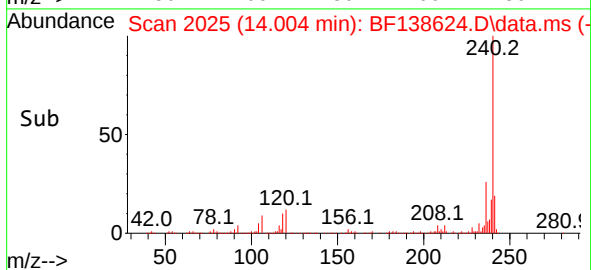
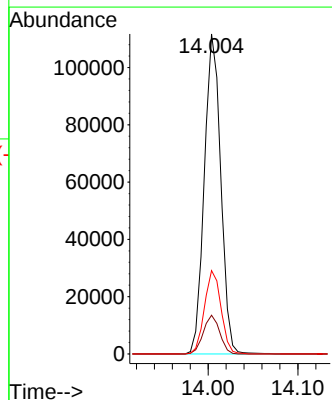
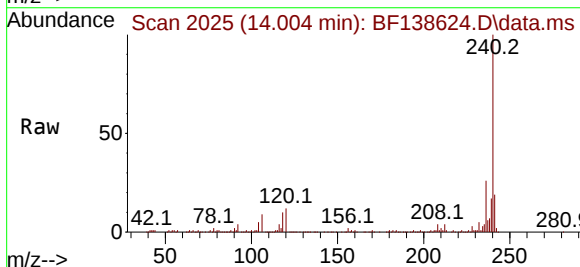
Instrument :
BNA_F
ClientSampleId :
285-290

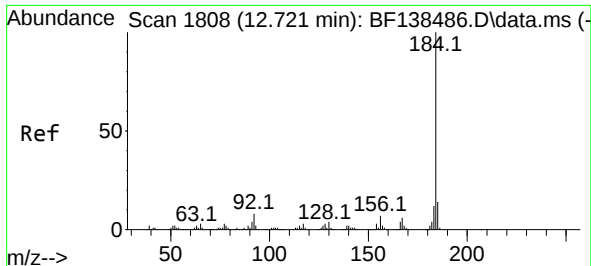
Tgt Ion:248 Resp: 10107
Ion Ratio Lower Upper
248 100
250 200.0 77.9 116.9#
141 530.4 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.023 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

Tgt Ion:240 Resp: 142127
Ion Ratio Lower Upper
240 100
120 12.1 8.6 12.8
236 26.1 21.0 31.6

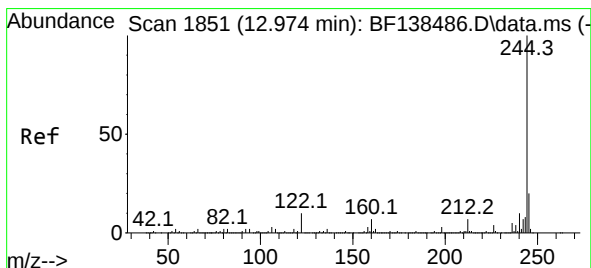
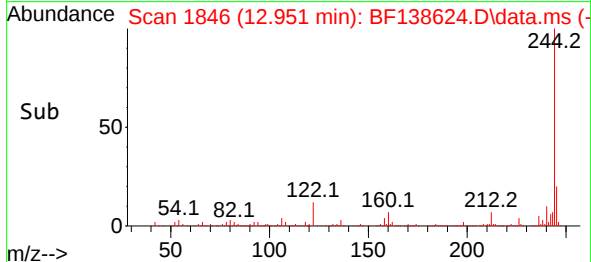
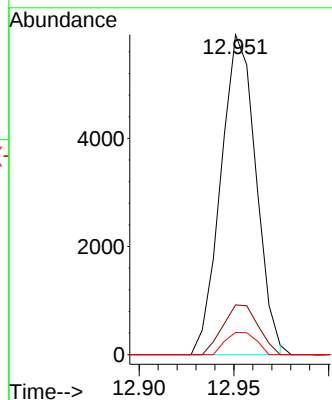
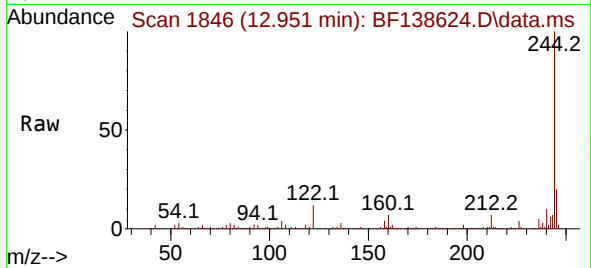




#77
Benzidine
Concen: 2.129 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.230 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

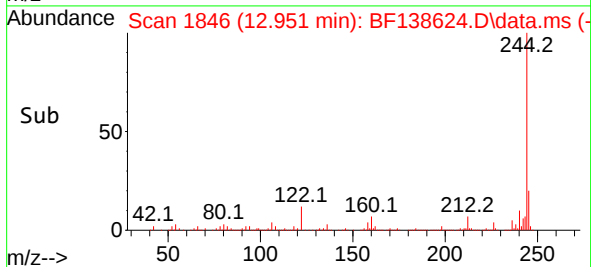
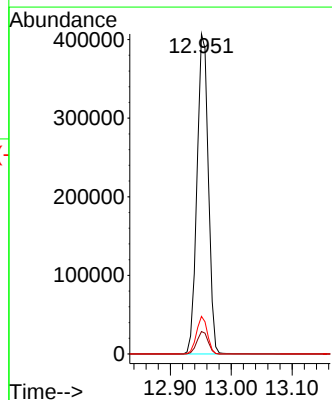
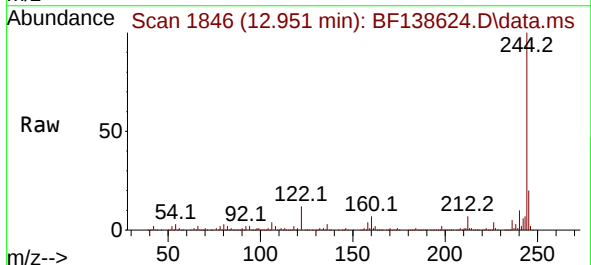
Instrument :
BNA_F
ClientSampleId :
285-290

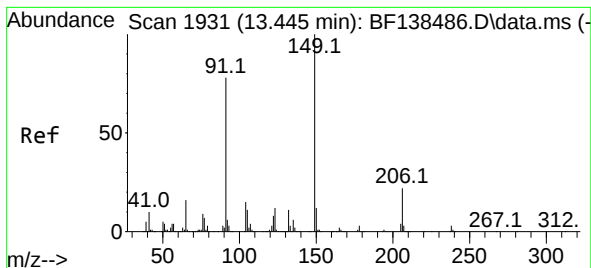
Tgt Ion:184 Resp: 7636
Ion Ratio Lower Upper
184 100
185 15.5 11.3 16.9
183 6.9 9.5 14.3#



#79
Terphenyl-d14
Concen: 60.198 ng
RT: 12.951 min Scan# 1846
Delta R.T. -0.023 min
Lab File: BF138624.D
Acq: 23 Jul 2024 18:04

Tgt Ion:244 Resp: 525181
Ion Ratio Lower Upper
244 100
212 7.0 5.5 8.3
122 11.7 7.8 11.8





#80

Butylbenzylphthalate

Concen: 2.933 ng

RT: 13.427 min Scan# 1931

Delta R.T. -0.018 min

Lab File: BF138624.D

Acq: 23 Jul 2024 18:04

Instrument :

BNA_F

ClientSampleId :

285-290

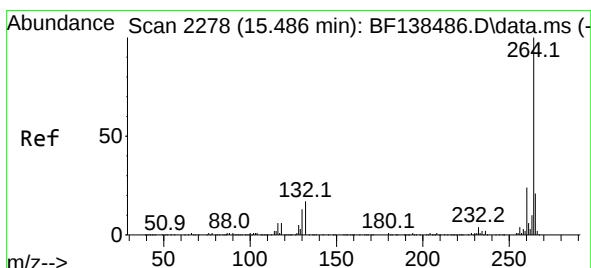
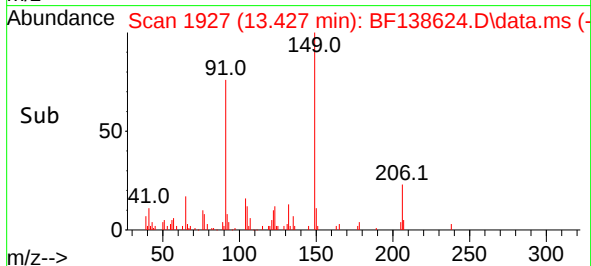
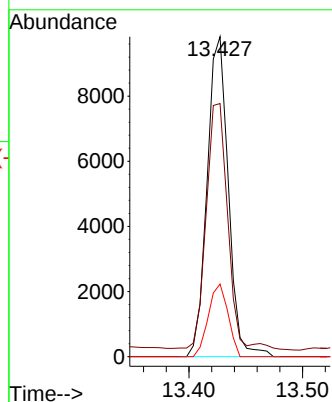
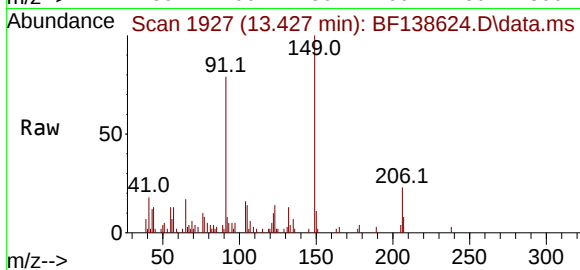
Tgt Ion:149 Resp: 12728

Ion Ratio Lower Upper

149 100

91 79.1 62.1 93.1

206 22.7 18.0 27.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.018 min

Lab File: BF138624.D

Acq: 23 Jul 2024 18:04

Tgt Ion:264 Resp: 145354

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 21.7 17.0 25.4

