

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072224\
 Data File : BF138606.D
 Acq On : 22 Jul 2024 14:14
 Operator : RC/JU
 Sample : P3314-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 285-290

Quant Time: Jul 22 14:48:04 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)

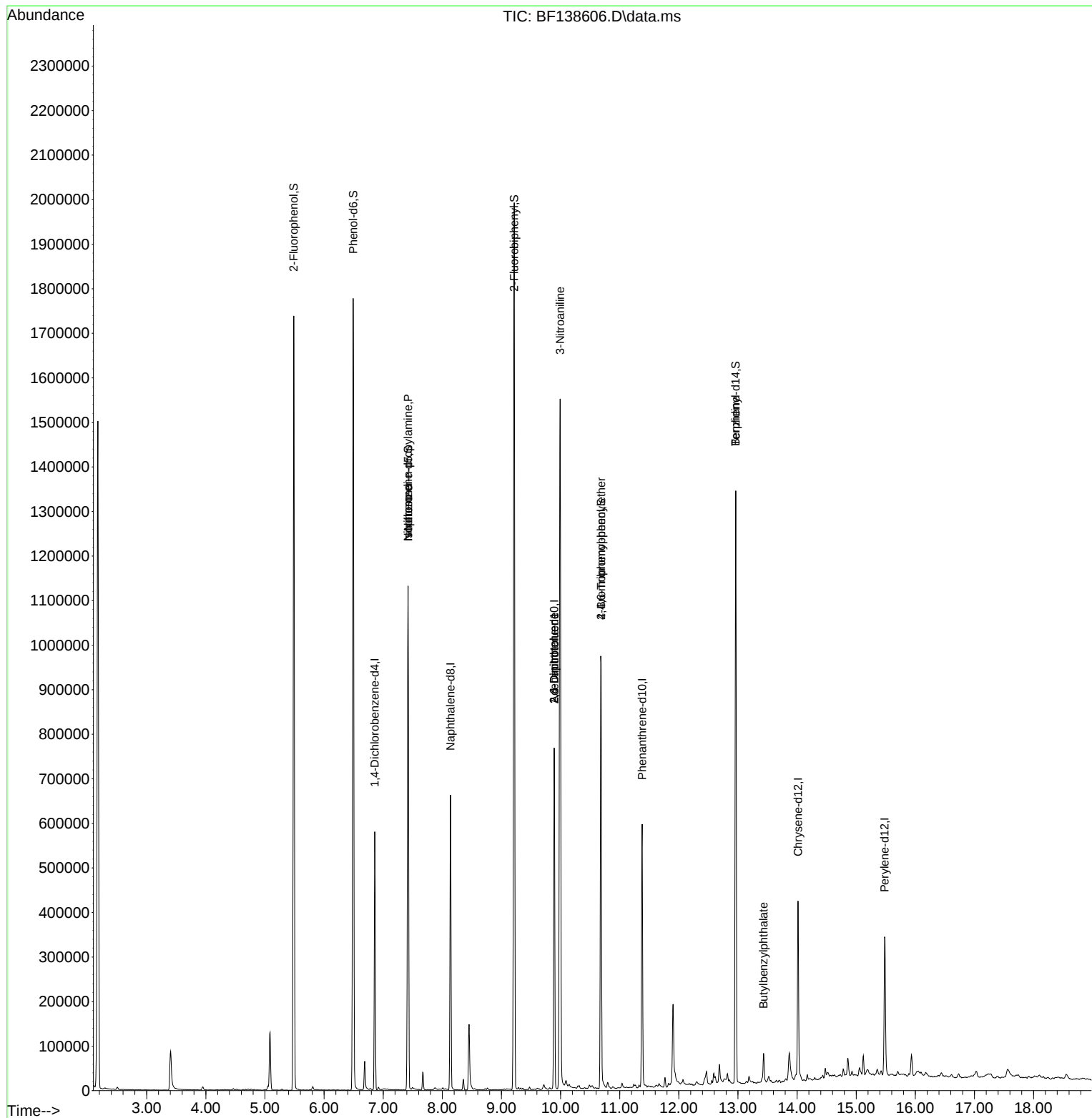
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109371	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	386071	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	219648	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	296355	20.000	ng	0.00
76) Chrysene-d12	14.015	240	172529	20.000	ng	-0.01
86) Perylene-d12	15.480	264	176744	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	576110	83.424	ng	0.00
7) Phenol-d6	6.492	99	805583	87.690	ng	-0.01
23) Nitrobenzene-d5	7.422	82	493593	62.772	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	157292	76.622	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	842004	59.913	ng	-0.01
79) Terphenyl-d14	12.963	244	614564	58.031	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	66430	11.703	ng	# 73
25) Isophorone	7.422	82	491312	36.383	ng	# 67
51) 2,6-Dinitrotoluene	9.892	165	27339	8.360	ng	# 24
53) 3-Nitroaniline	9.992	138	15455	4.611	ng	# 2
57) 2,4-Dinitrotoluene	9.892	165	27339	6.461	ng	# 19
67) 4-Bromophenyl-phenylether	10.686	248	9701	3.185	ng	# 1
77) Benzidine	12.963	184	8733	2.006	ng	# 93
80) Butylbenzylphthalate	13.433	149	14995	2.846	ng	97

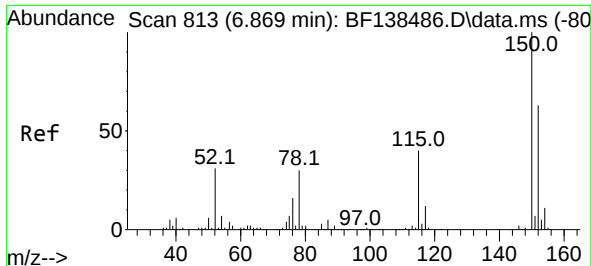
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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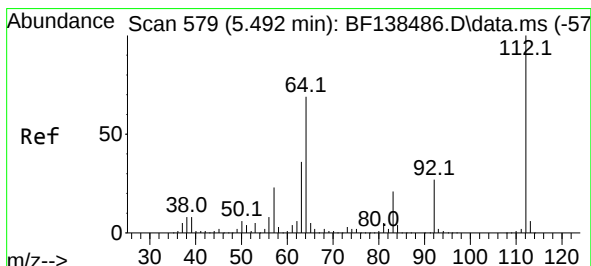
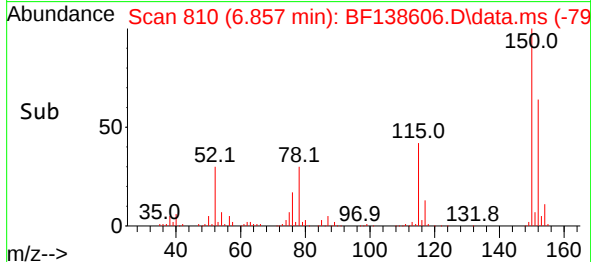
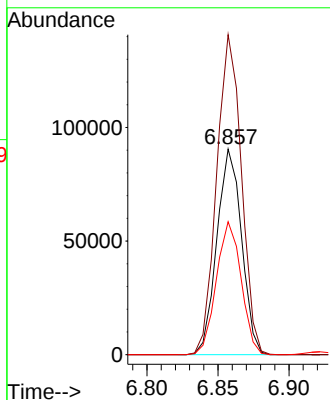
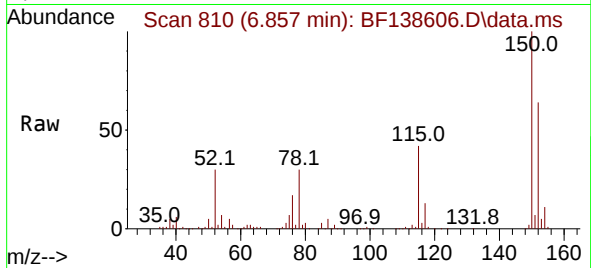




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

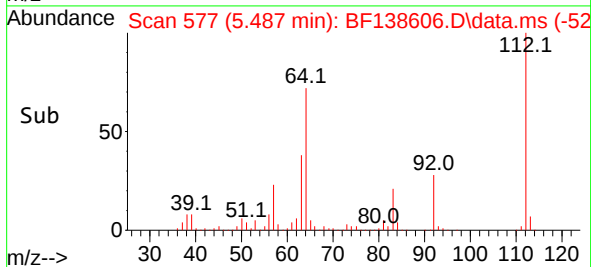
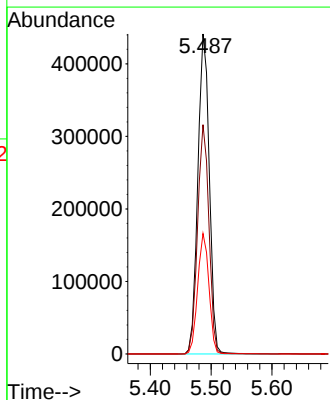
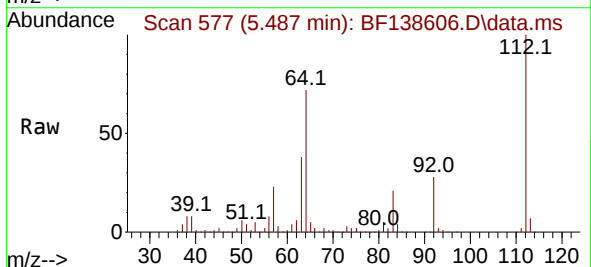
Instrument :
BNA_F
ClientSampleId :
285-290

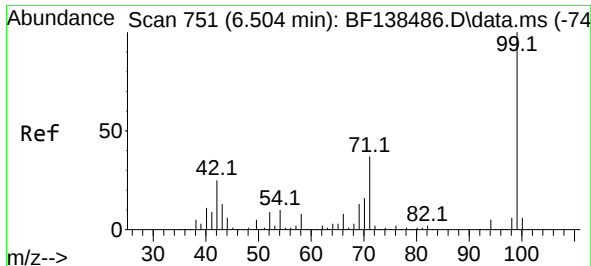
Tgt Ion:152 Resp: 109371
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.4
115 64.7 50.3 75.5



#5
2-Fluorophenol
Concen: 83.424 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion:112 Resp: 576110
Ion Ratio Lower Upper
112 100
64 71.7 55.1 82.7
63 37.7 29.0 43.6

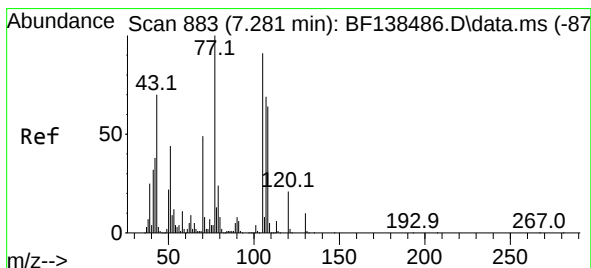
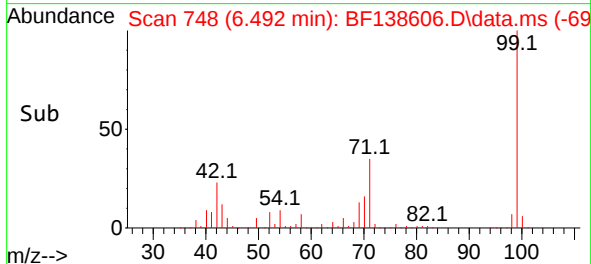
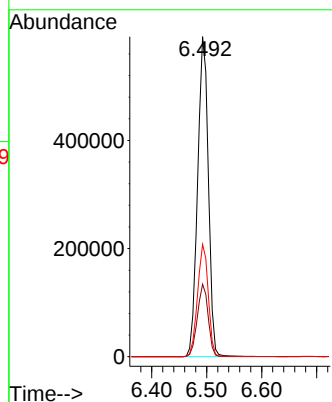
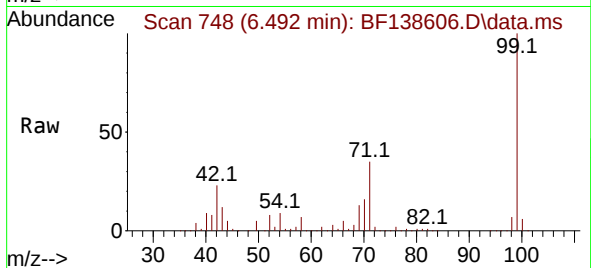




#7
Phenol-d6
Concen: 87.690 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

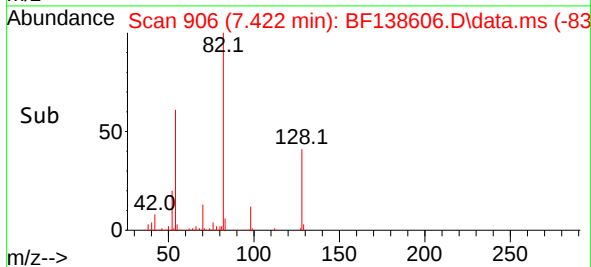
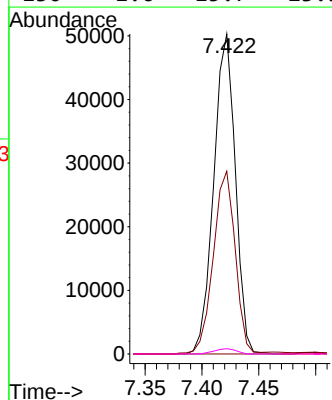
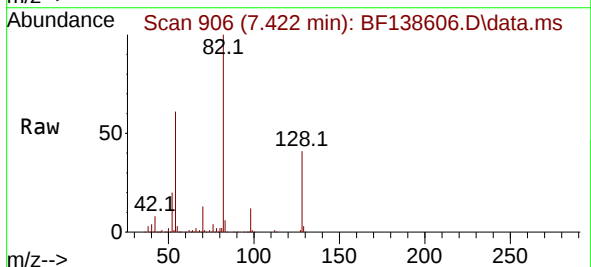
Instrument :
BNA_F
ClientSampleId :
285-290

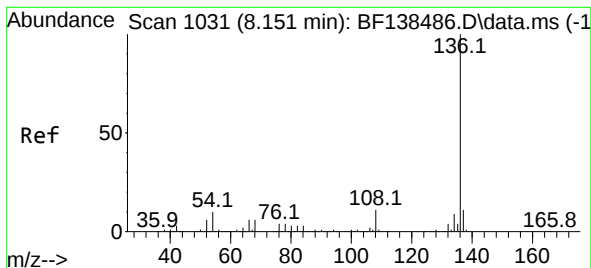
Tgt Ion: 99 Resp: 805583
Ion Ratio Lower Upper
99 100
42 22.7 19.7 29.5
71 35.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 11.703 ng
RT: 7.422 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion: 70 Resp: 66430
Ion Ratio Lower Upper
70 100
42 57.1 62.4 93.6#
101 0.0 7.2 10.8#
130 1.6 15.7 23.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138606.D

Acq: 22 Jul 2024 14:14

Instrument :

BNA_F

ClientSampleId :

285-290

Tgt Ion:136 Resp: 386071

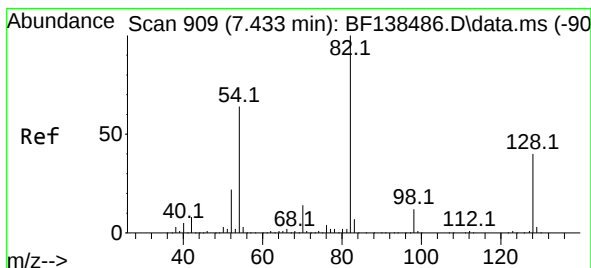
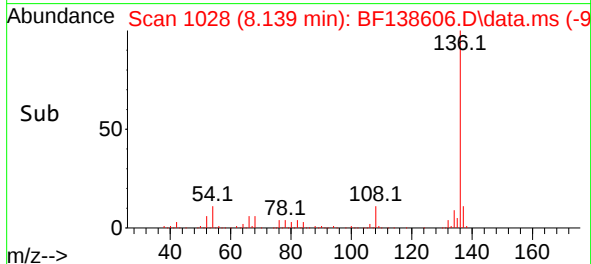
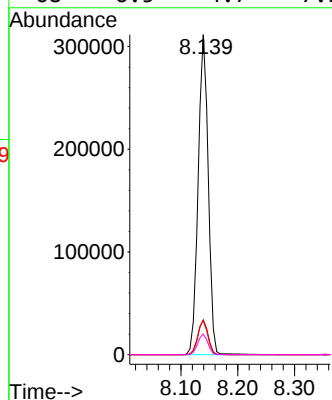
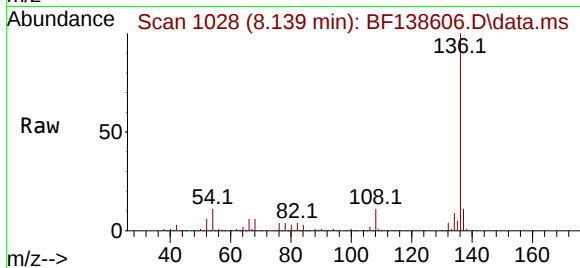
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.6 8.1 12.1

68 6.5 4.7 7.1



#23

Nitrobenzene-d5

Concen: 62.772 ng

RT: 7.422 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF138606.D

Acq: 22 Jul 2024 14:14

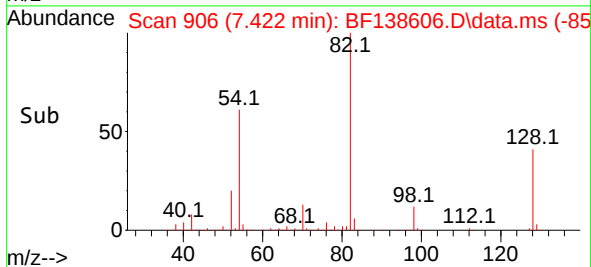
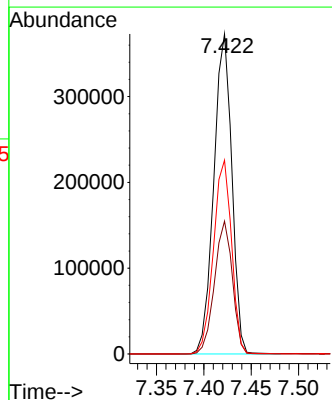
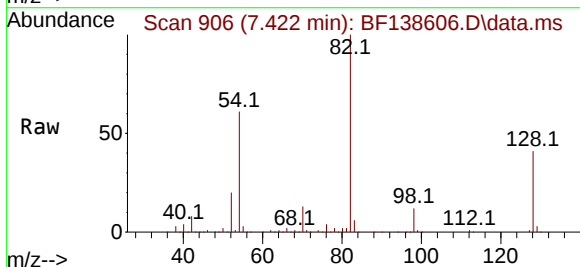
Tgt Ion: 82 Resp: 493593

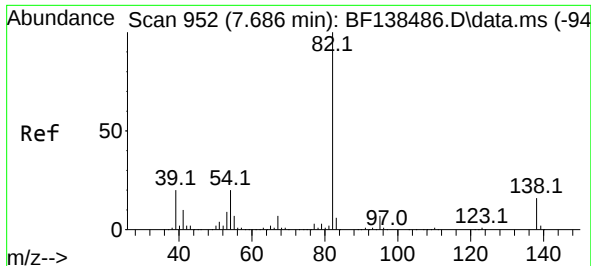
Ion Ratio Lower Upper

82 100

128 41.5 32.3 48.5

54 60.6 51.4 77.0

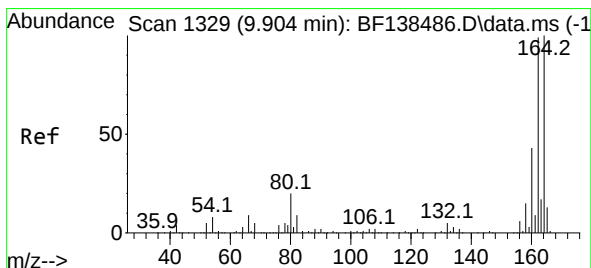
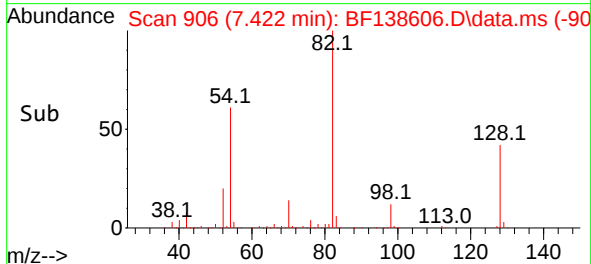
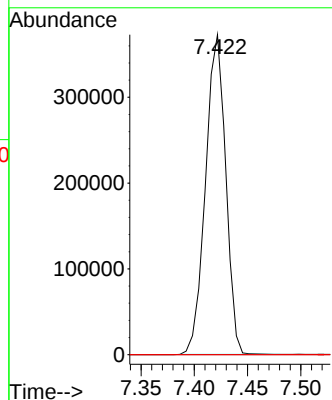
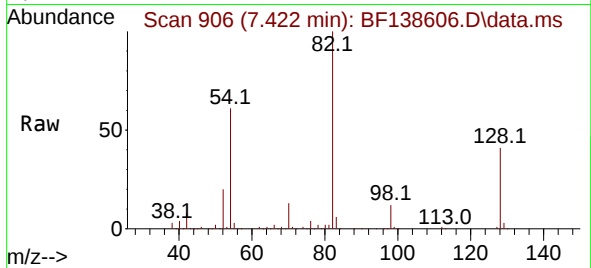




#25
Isophorone
Concen: 36.383 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

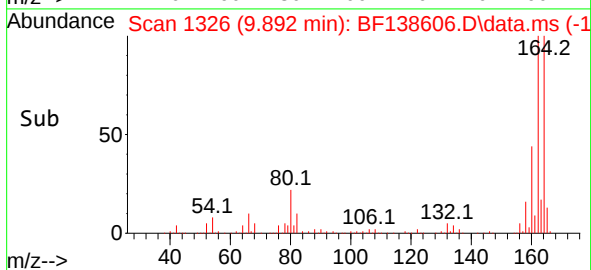
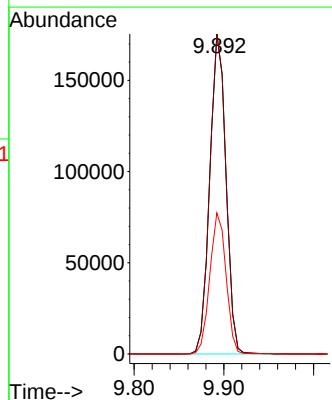
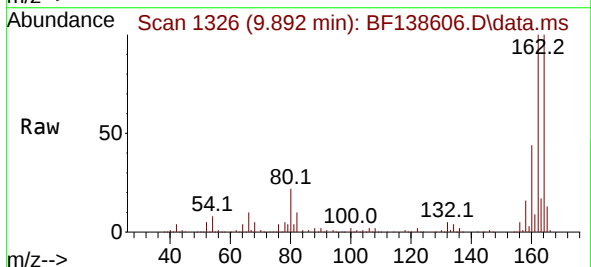
Instrument :
BNA_F
ClientSampleId :
285-290

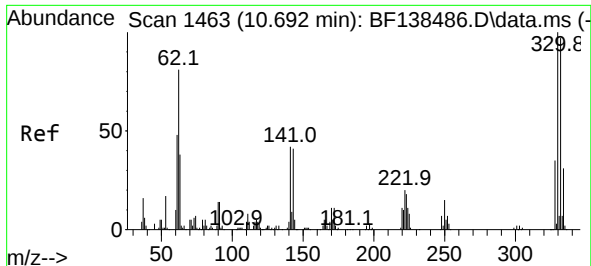
Tgt Ion: 82 Resp: 491312
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.8 19.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion: 164 Resp: 219648
Ion Ratio Lower Upper
164 100
162 100.1 79.0 118.6
160 44.1 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 76.622 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.006 min

Lab File: BF138606.D

Acq: 22 Jul 2024 14:14

Instrument :

BNA_F

ClientSampleId :

285-290

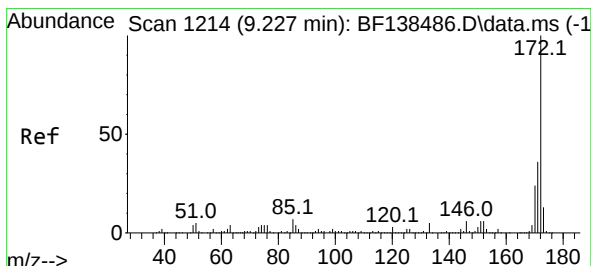
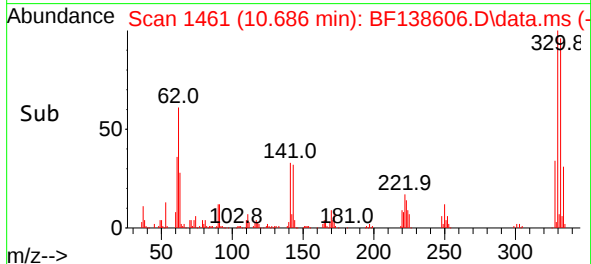
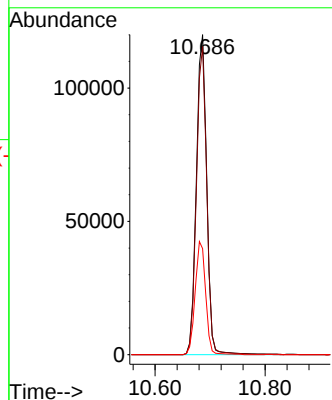
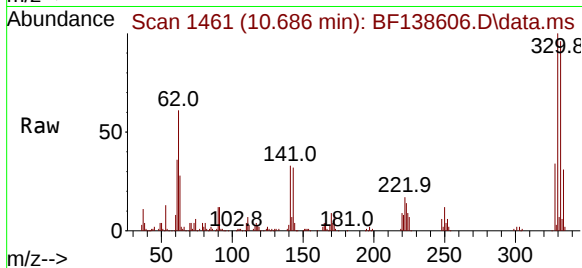
Tgt Ion:330 Resp: 157292

Ion Ratio Lower Upper

330 100

332 95.6 76.8 115.2

141 35.7 29.4 44.2



#45

2-Fluorobiphenyl

Concen: 59.913 ng

RT: 9.216 min Scan# 1211

Delta R.T. -0.012 min

Lab File: BF138606.D

Acq: 22 Jul 2024 14:14

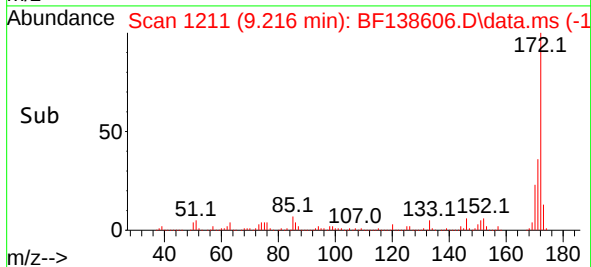
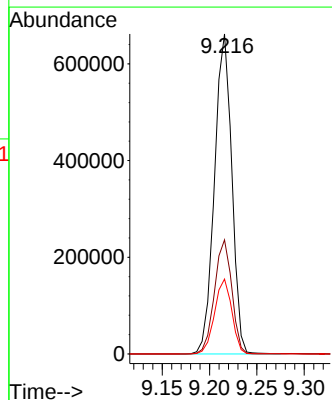
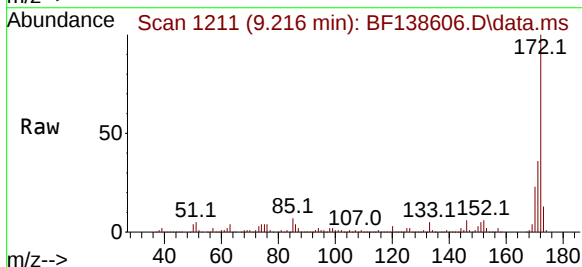
Tgt Ion:172 Resp: 842004

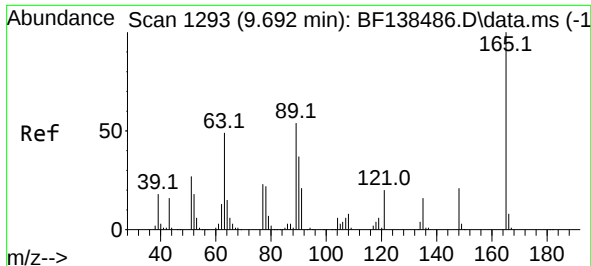
Ion Ratio Lower Upper

172 100

171 35.6 28.9 43.3

170 23.4 18.9 28.3

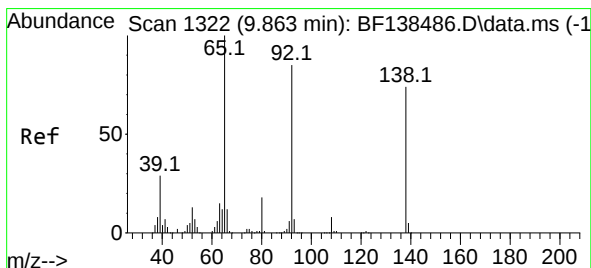
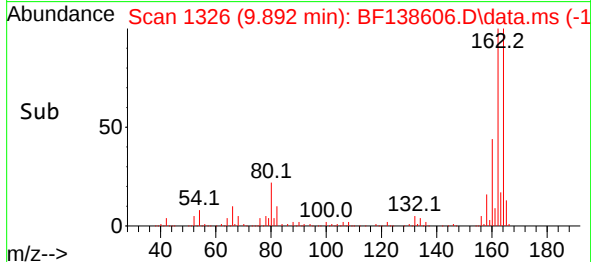
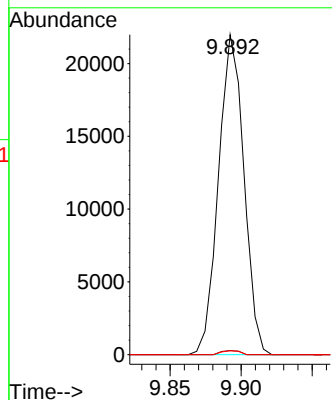
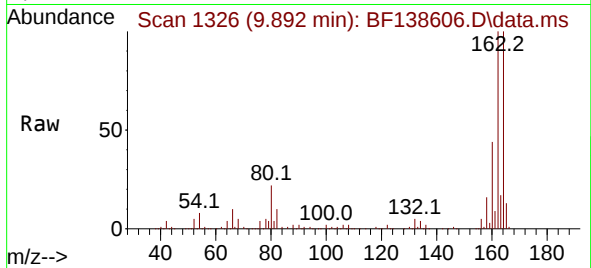




#51
2,6-Dinitrotoluene
Concen: 8.360 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

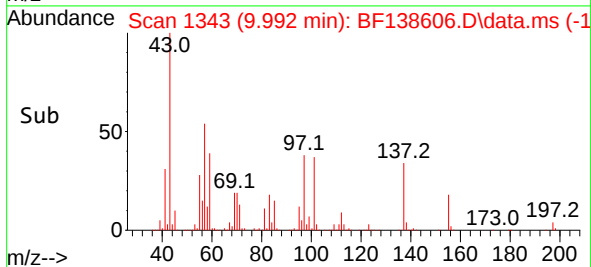
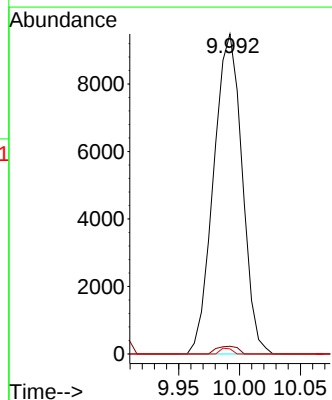
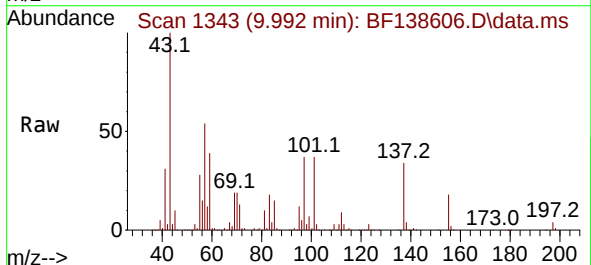
Instrument :
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285-290

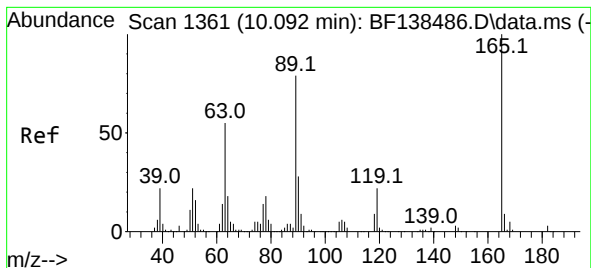
Tgt Ion:165 Resp: 27339
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.2 43.0 64.6#



#53
3-Nitroaniline
Concen: 4.611 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.129 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion:138 Resp: 15455
Ion Ratio Lower Upper
138 100
108 2.4 8.3 12.5#
92 1.6 92.6 138.8#

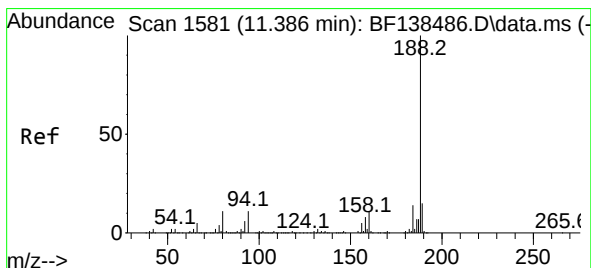
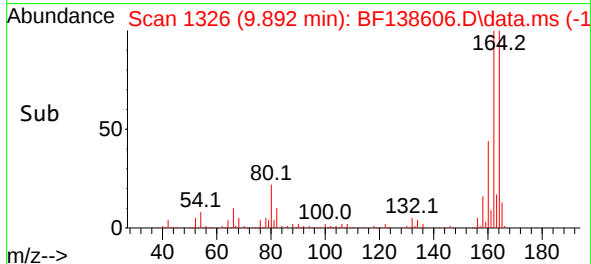
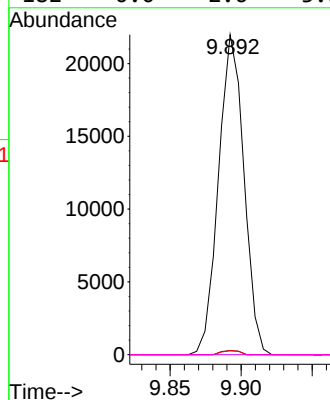
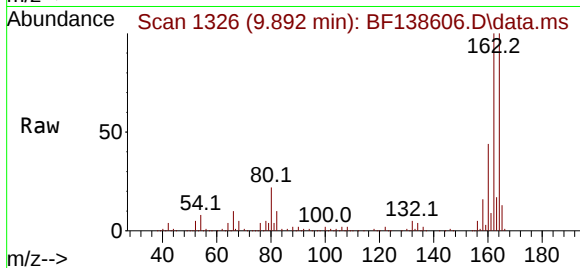




#57
2,4-Dinitrotoluene
Concen: 6.461 ng
RT: 9.892 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

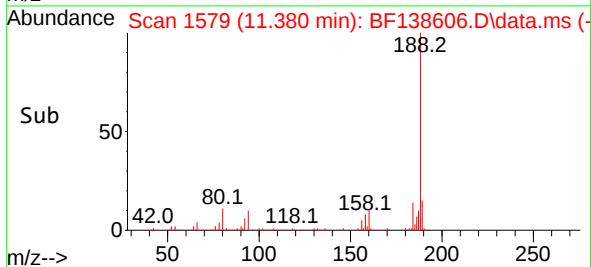
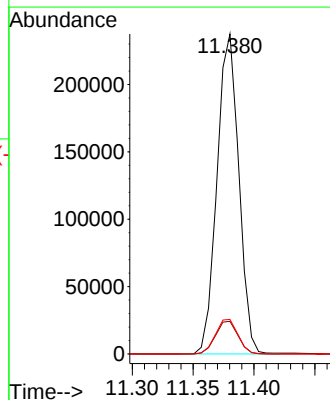
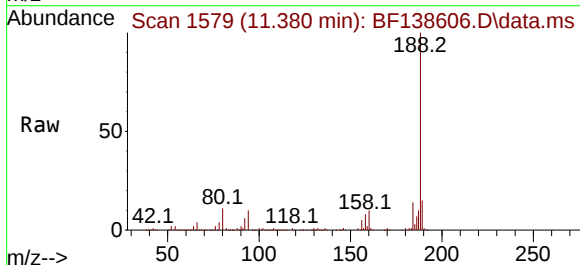
Instrument :
BNA_F
ClientSampleId :
285-290

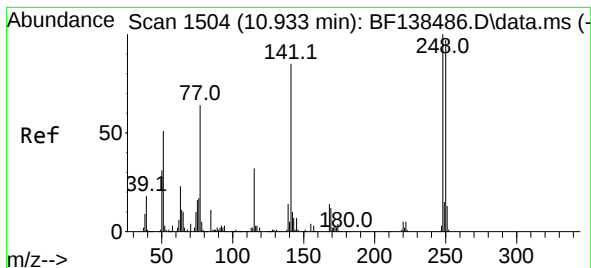
Tgt Ion:165 Resp: 27339
Ion Ratio Lower Upper
165 100
63 1.3 44.6 66.8#
89 1.2 63.4 95.2#
182 0.0 2.6 3.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion:188 Resp: 296355
Ion Ratio Lower Upper
188 100
94 10.2 8.7 13.1
80 10.8 9.0 13.4

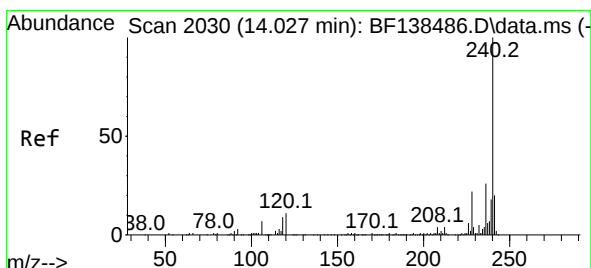
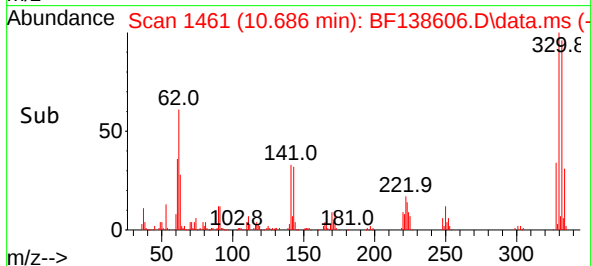
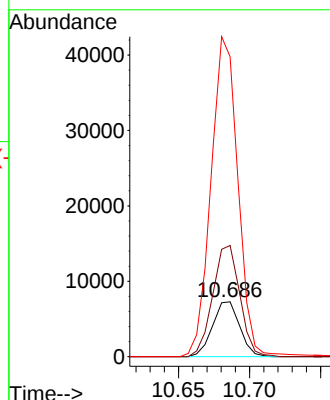
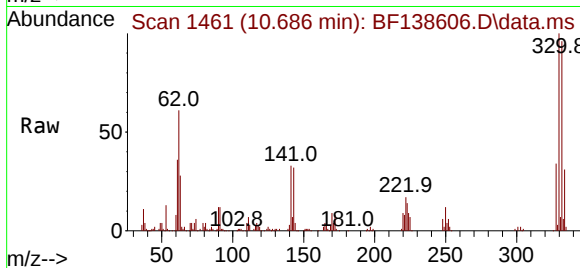




#67
4-Bromophenyl-phenylether
Concen: 3.185 ng
RT: 10.686 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

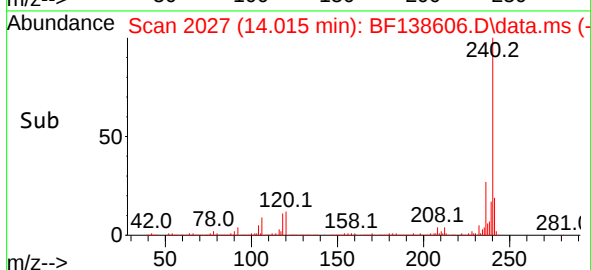
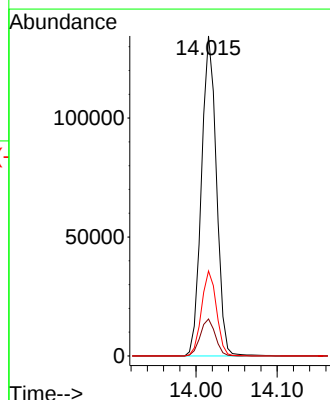
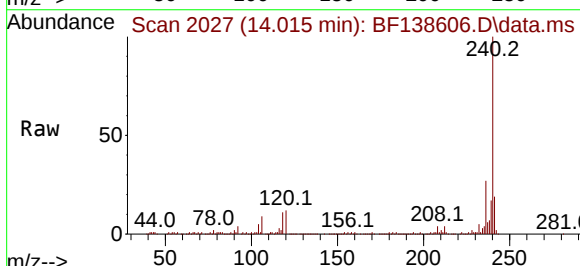
Instrument :
BNA_F
ClientSampleId :
285-290

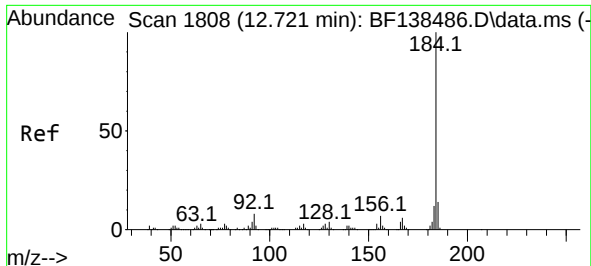
Tgt Ion:248 Resp: 9701
Ion Ratio Lower Upper
248 100
250 202.4 77.9 116.9#
141 545.7 67.7 101.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion:240 Resp: 172529
Ion Ratio Lower Upper
240 100
120 11.5 8.6 12.8
236 26.6 21.0 31.6

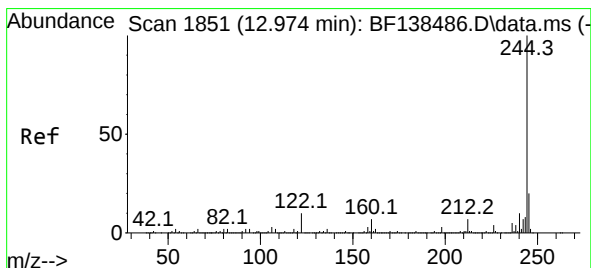
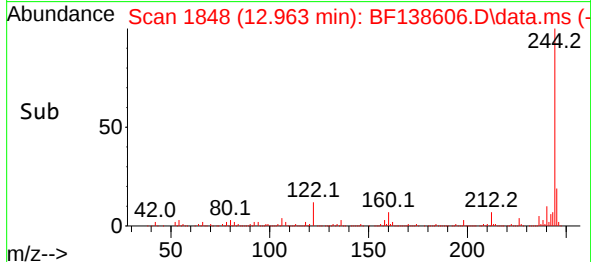
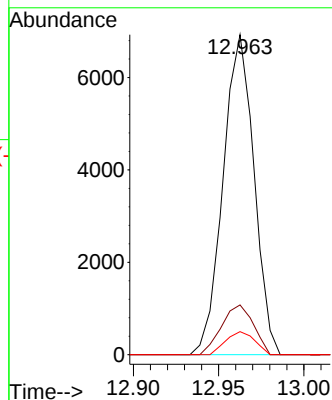
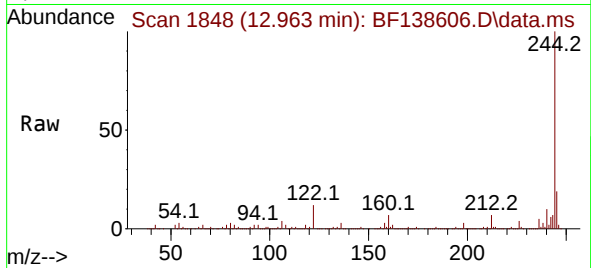




#77
Benzidine
Concen: 2.006 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.242 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

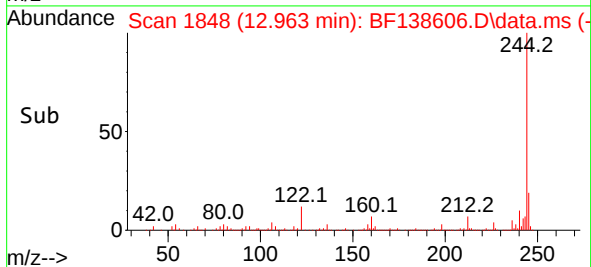
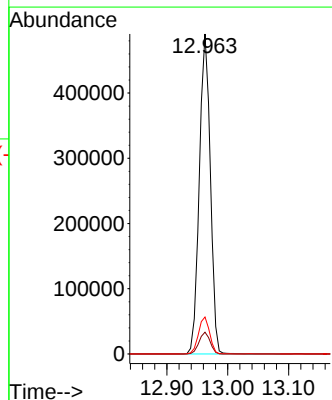
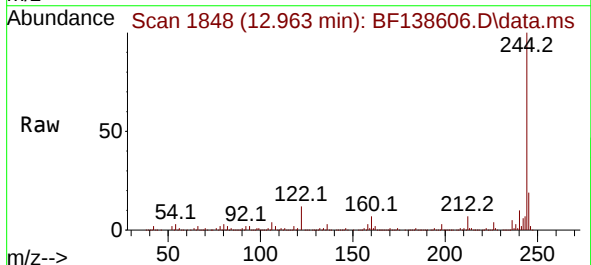
Instrument :
BNA_F
ClientSampleId :
285-290

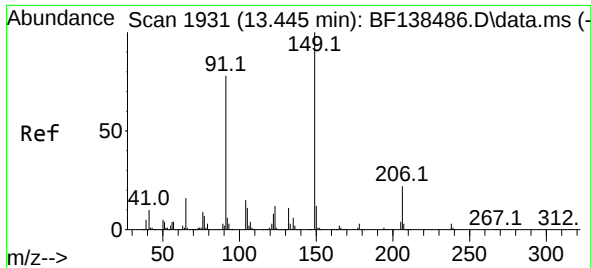
Tgt Ion:184 Resp: 8733
Ion Ratio Lower Upper
184 100
185 15.6 11.3 16.9
183 7.2 9.5 14.3#



#79
Terphenyl-d14
Concen: 58.031 ng
RT: 12.963 min Scan# 1848
Delta R.T. -0.012 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion:244 Resp: 614564
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.6 7.8 11.8

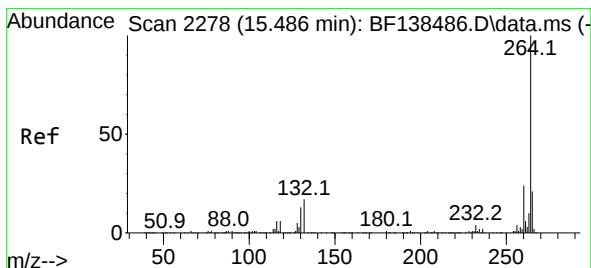
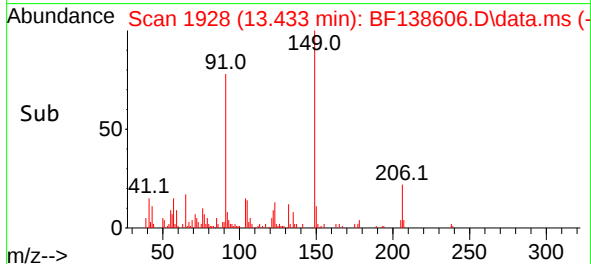
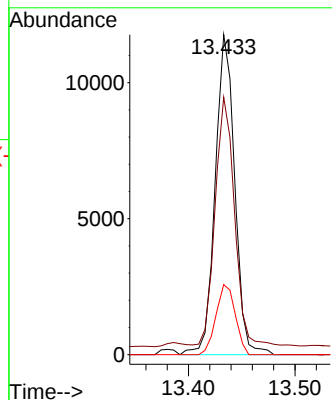
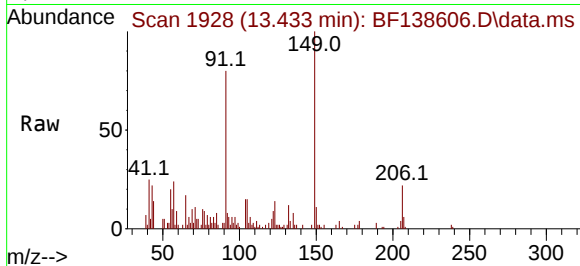




#80
Butylbenzylphthalate
Concen: 2.846 ng
RT: 13.433 min Scan# 1931
Delta R.T. -0.012 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Instrument :
BNA_F
ClientSampleId :
285-290

Tgt Ion:	149	Resp:	14995
Ion Ratio	Lower	Upper	
149	100		
91	80.5	62.1	93.1
206	21.9	18.0	27.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.480 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF138606.D
Acq: 22 Jul 2024 14:14

Tgt Ion:	264	Resp:	176744
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.0	28.6
265	21.3	17.0	25.4

