

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140551.D
 Acq On : 21 Nov 2024 22:18
 Operator : RC/JU
 Sample : P4916-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Quant Time: Nov 22 00:11:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

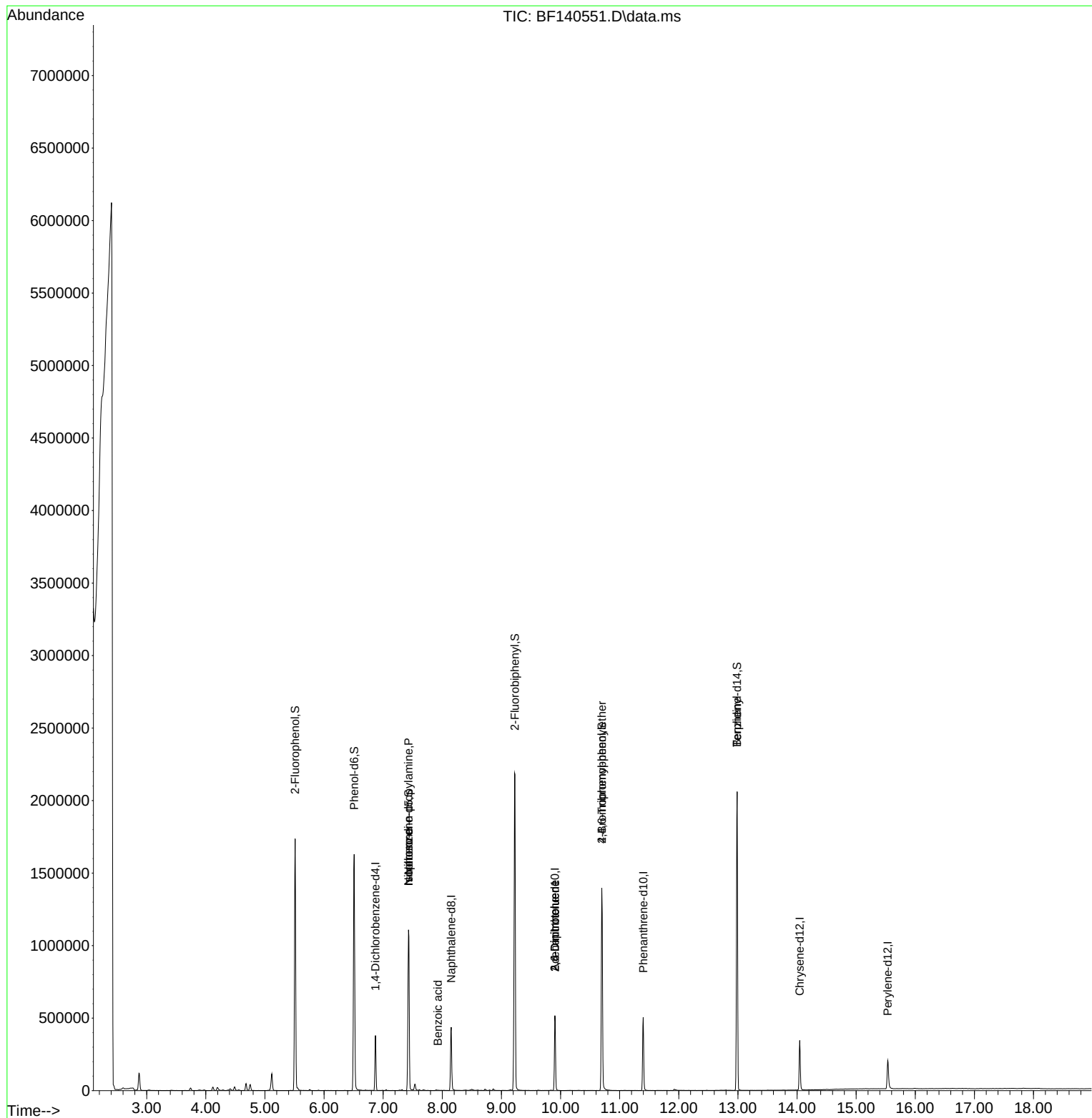
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80781	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	300494	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	161946	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	283437	20.000	ng	0.00
76) Chrysene-d12	14.045	240	173917	20.000	ng	0.00
86) Perylene-d12	15.533	264	134360	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	665107	140.480	ng	0.01
7) Phenol-d6	6.510	99	807335	128.985	ng	0.00
23) Nitrobenzene-d5	7.428	82	566022	96.349	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	249377	143.980	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1078834	99.255	ng	0.00
79) Terphenyl-d14	12.986	244	1026038	91.864	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	78845	21.314	ng	# 76
25) Isophorone	7.428	82	555040	56.645	ng	# 66
32) Benzoic acid	7.928	122	1369	7.607	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	20052	8.290	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	20052	6.237	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	15657	5.364	ng	# 1
77) Benzidine	12.986	184	13882	2.745	ng	# 90

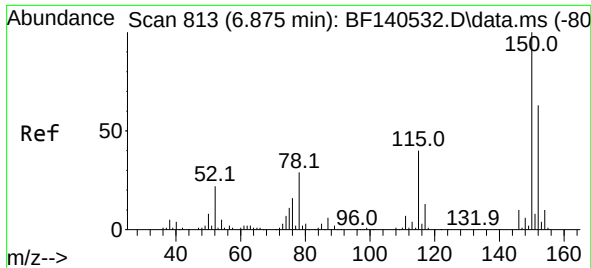
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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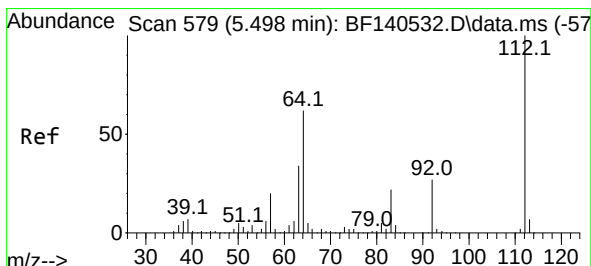
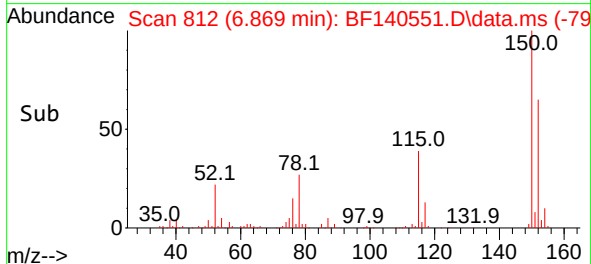
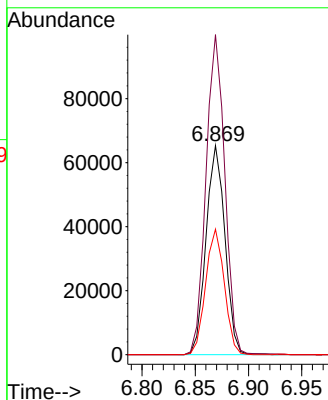
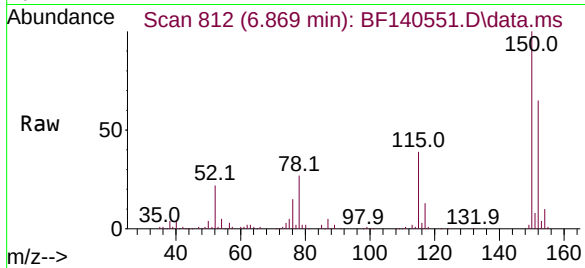




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

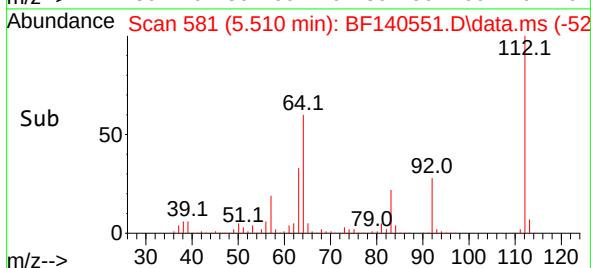
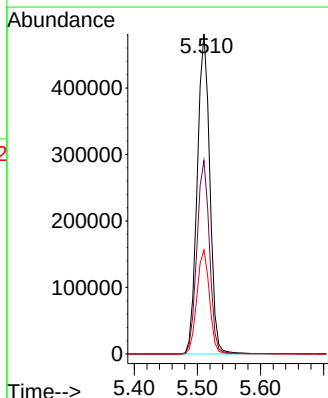
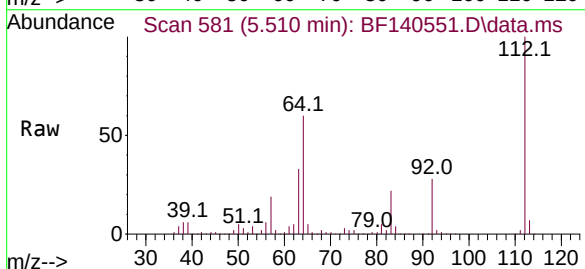
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

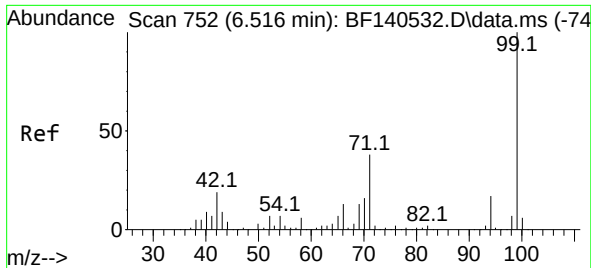
Tgt Ion:152 Resp: 80781
Ion Ratio Lower Upper
152 100
150 153.0 128.5 192.7
115 60.0 50.2 75.4



#5
2-Fluorophenol
Concen: 140.480 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Tgt Ion:112 Resp: 665107
Ion Ratio Lower Upper
112 100
64 60.5 49.2 73.8
63 32.5 27.0 40.4

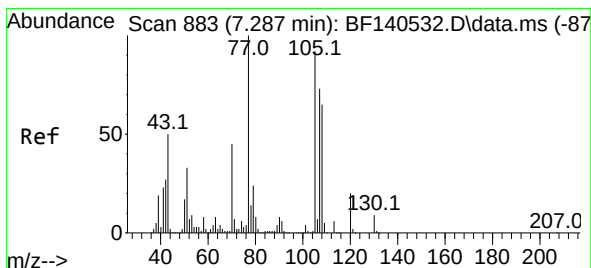
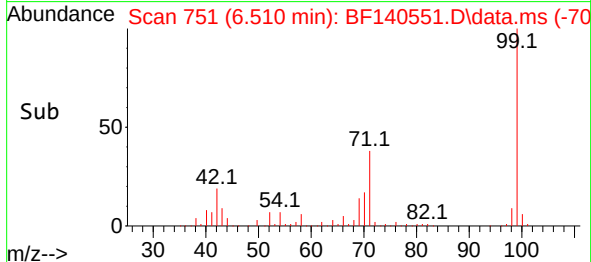
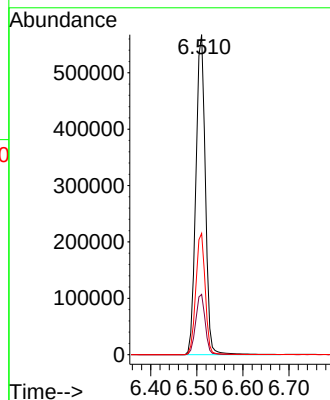
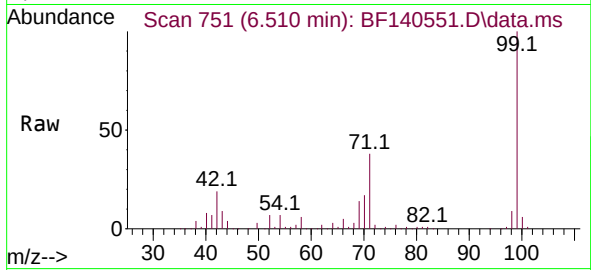




#7
Phenol-d6
Concen: 128.985 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

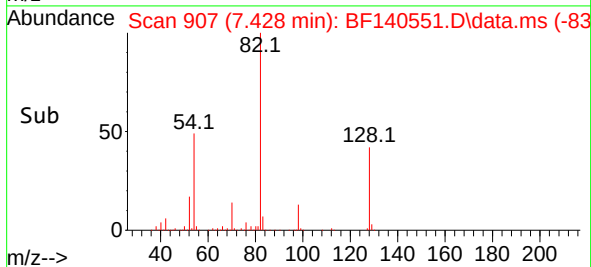
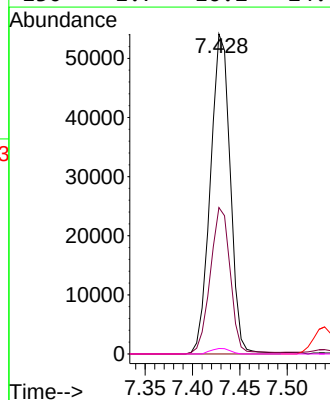
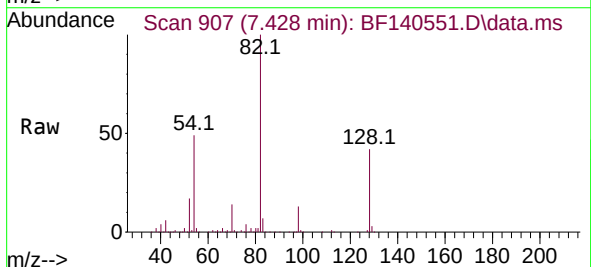
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

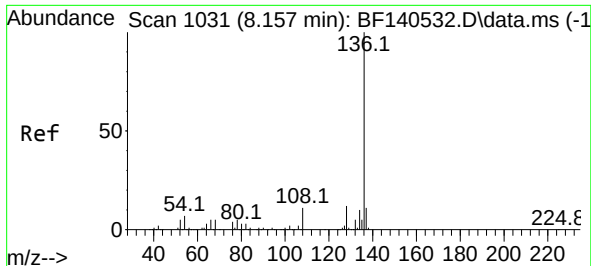
Tgt Ion: 99 Resp: 807335
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 37.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.314 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Tgt Ion: 70 Resp: 78845
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 7.6 11.4#
130 1.7 16.2 24.4#



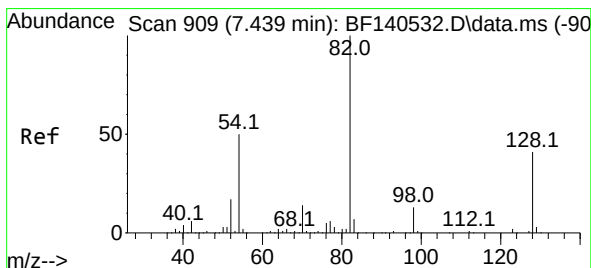
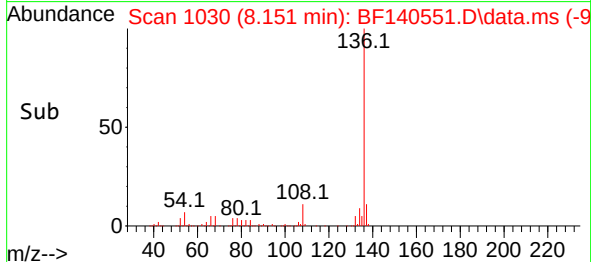
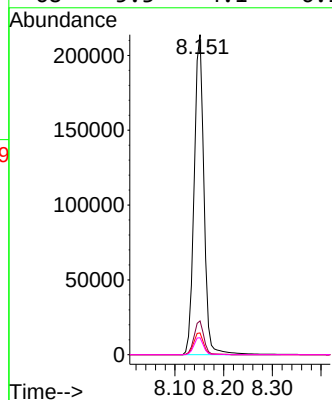
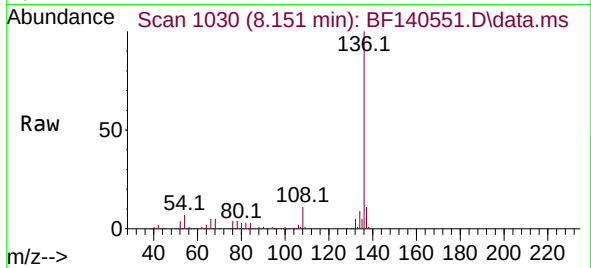


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Instrument :
BNA_F
ClientSampleId :
TP-2-WC

Tgt Ion:136 Resp: 300494

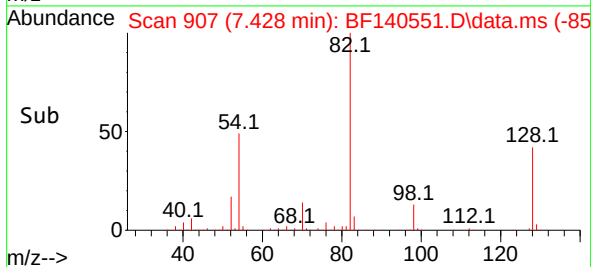
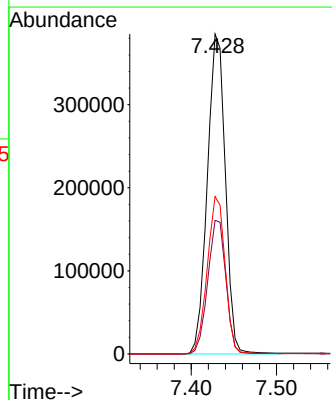
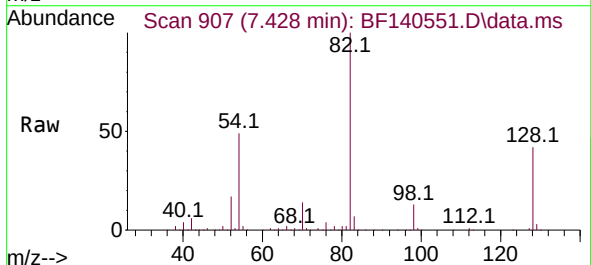
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.8	5.8	8.8
68	5.3	4.1	6.1

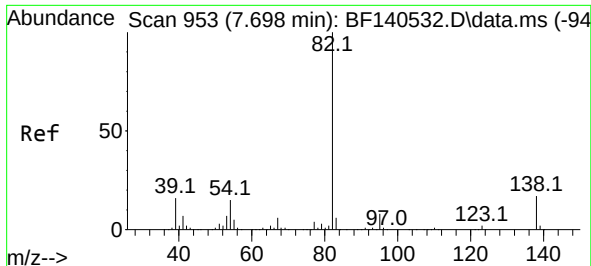


#23
Nitrobenzene-d5
Concen: 96.349 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Tgt Ion: 82 Resp: 566022

Ion	Ratio	Lower	Upper
82	100		
128	41.8	33.0	49.4
54	49.2	39.5	59.3





#25

Isophorone

Concen: 56.645 ng

RT: 7.428 min Scan# 90

Delta R.T. -0.270 min

Lab File: BF140551.D

Acq: 21 Nov 2024 22:18

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

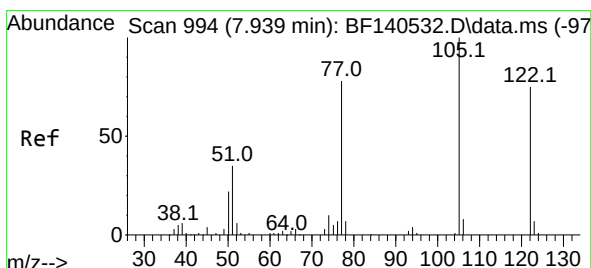
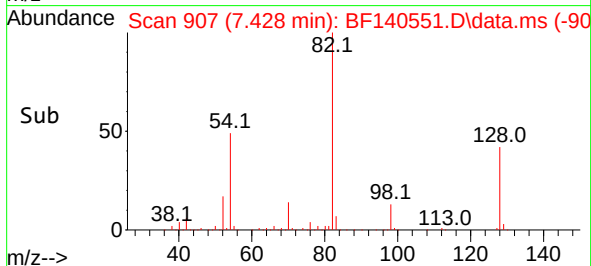
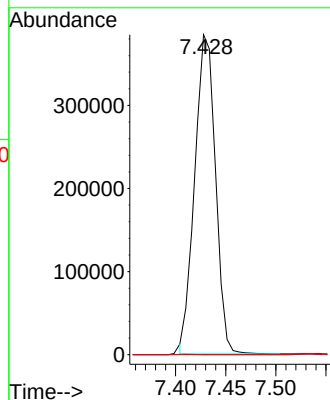
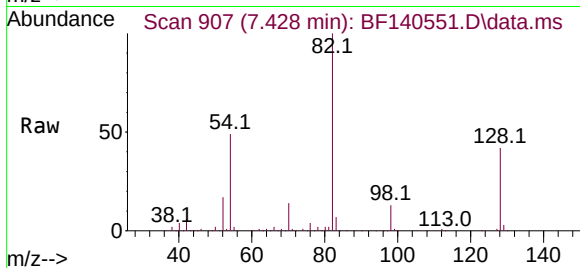
Tgt Ion: 82 Resp: 555040

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.0 13.8 20.6#



#32

Benzoic acid

Concen: 7.607 ng

RT: 7.928 min Scan# 992

Delta R.T. -0.011 min

Lab File: BF140551.D

Acq: 21 Nov 2024 22:18

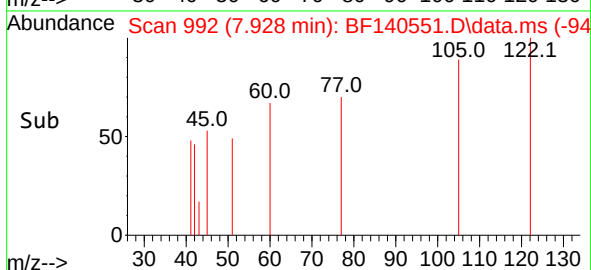
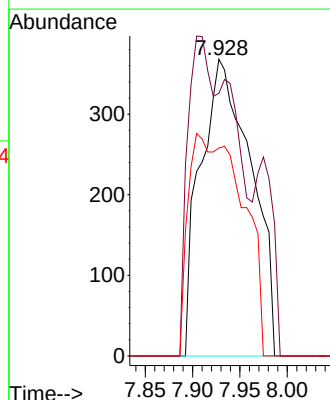
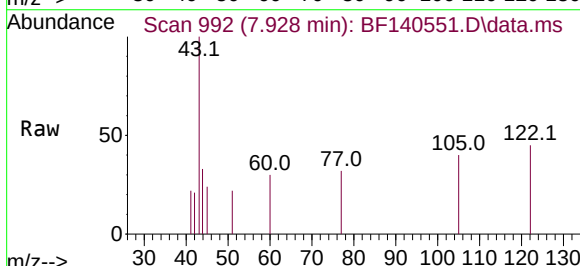
Tgt Ion:122 Resp: 1369

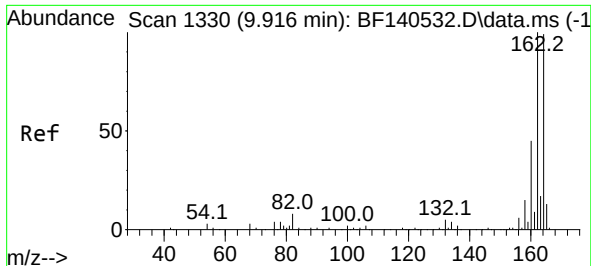
Ion Ratio Lower Upper

122 100

105 88.6 109.3 149.3#

77 70.1 82.3 122.3#

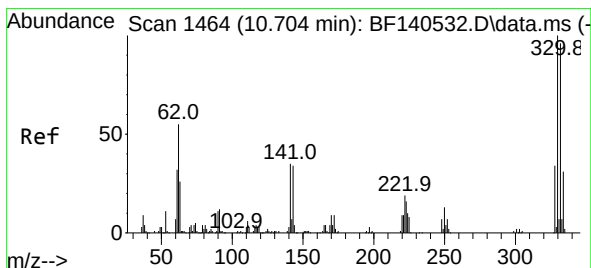
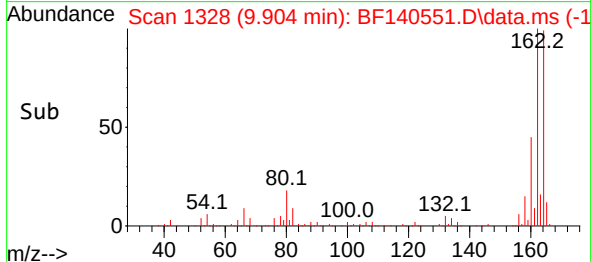
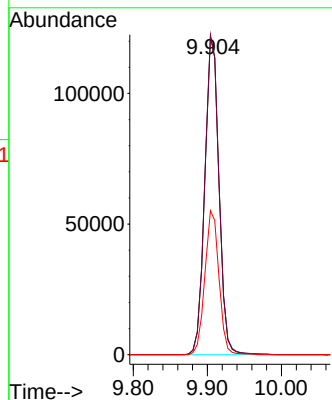
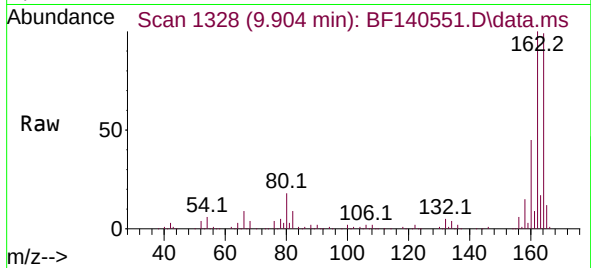




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

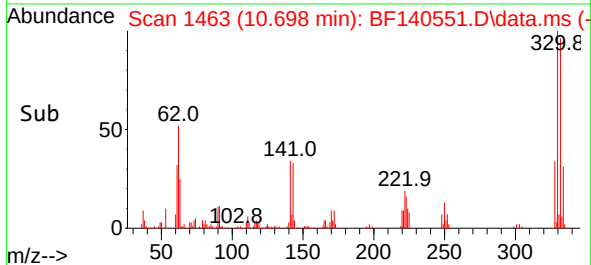
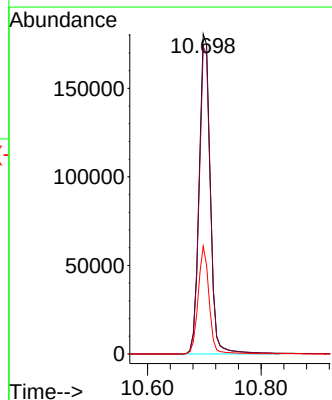
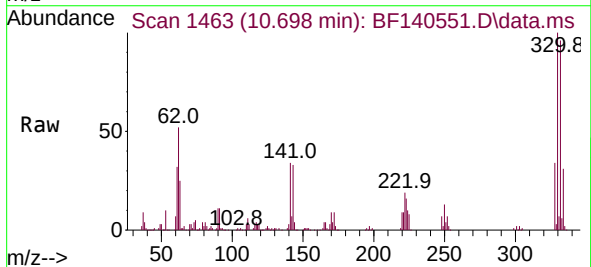
Instrument :
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ClientSampleId :
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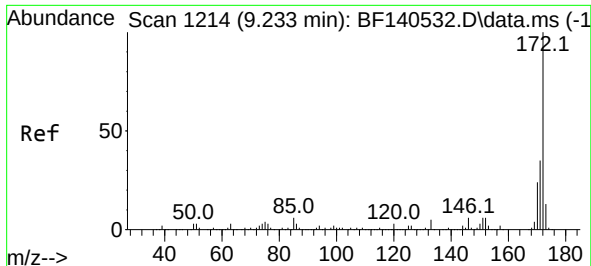
Tgt Ion:164 Resp: 161946
Ion Ratio Lower Upper
164 100
162 100.7 80.6 120.8
160 45.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 143.980 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Tgt Ion:330 Resp: 249377
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 32.7 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 99.255 ng

RT: 9.228 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140551.D

Acq: 21 Nov 2024 22:18

Instrument :

BNA_F

ClientSampleId :

TP-2-WC

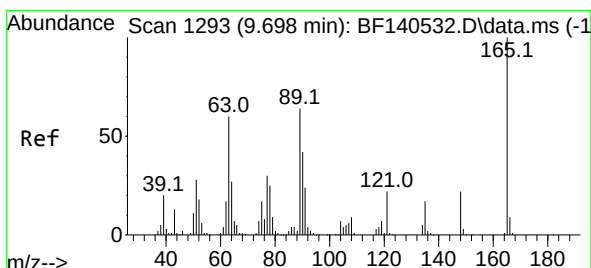
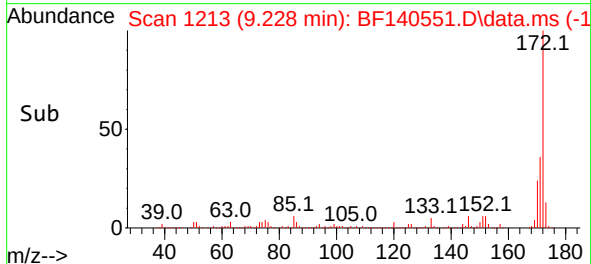
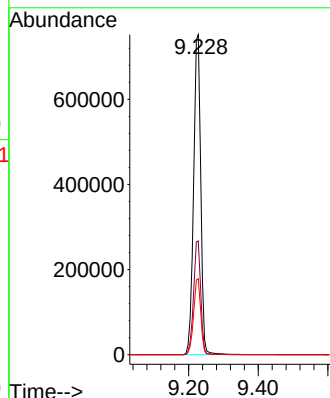
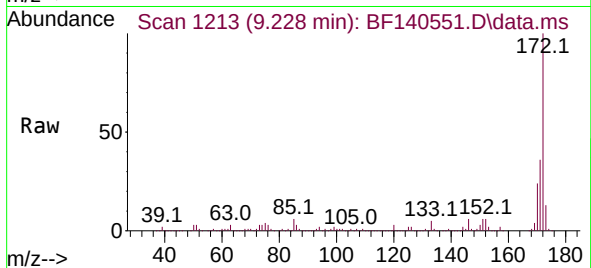
Tgt Ion:172 Resp: 1078834

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.290 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140551.D

Acq: 21 Nov 2024 22:18

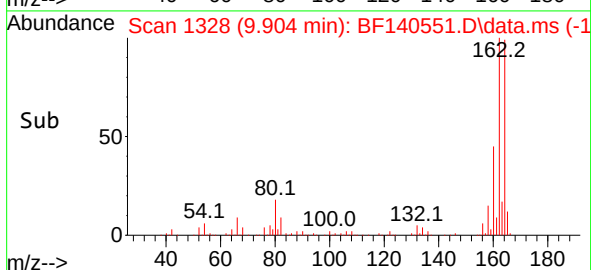
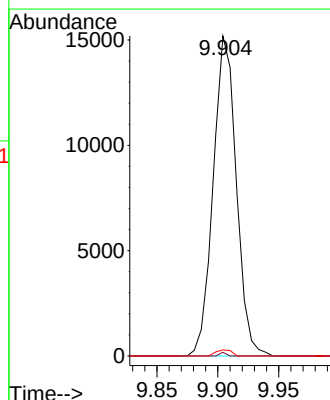
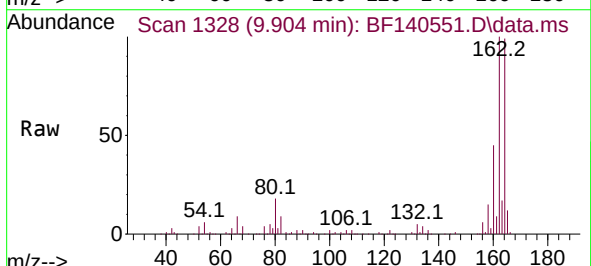
Tgt Ion:165 Resp: 20052

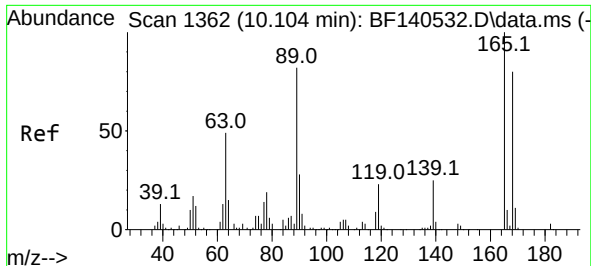
Ion Ratio Lower Upper

165 100

63 1.1 49.9 74.9#

89 1.9 50.9 76.3#

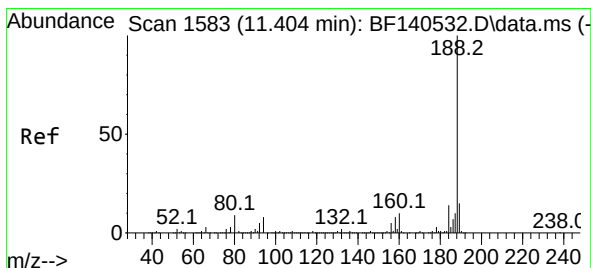
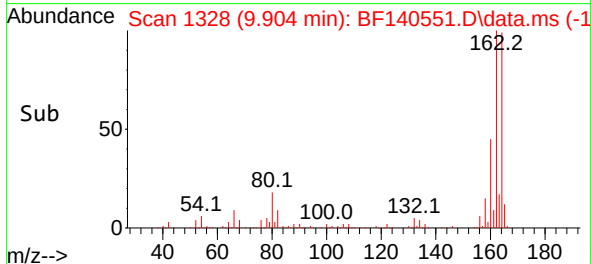
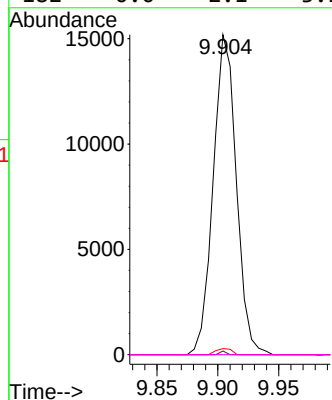
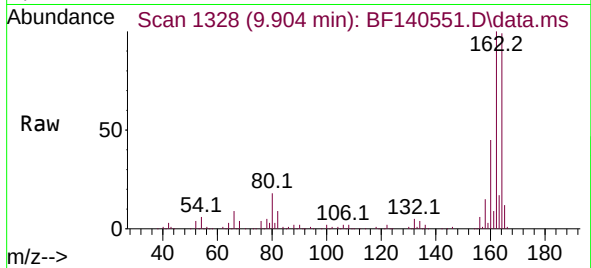




#57
2,4-Dinitrotoluene
Concen: 6.237 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

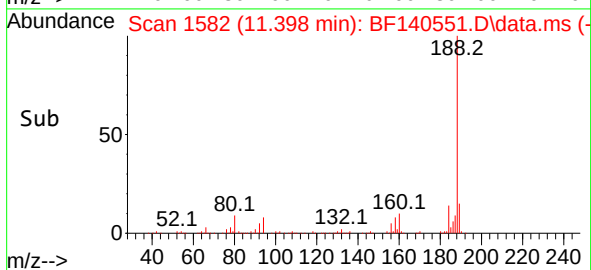
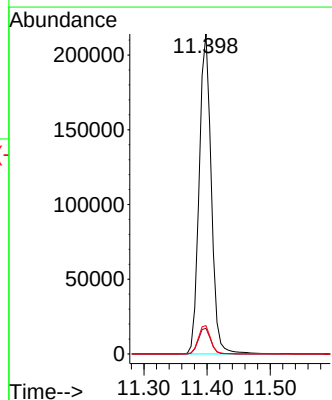
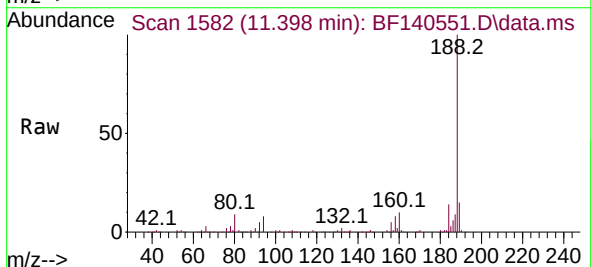
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

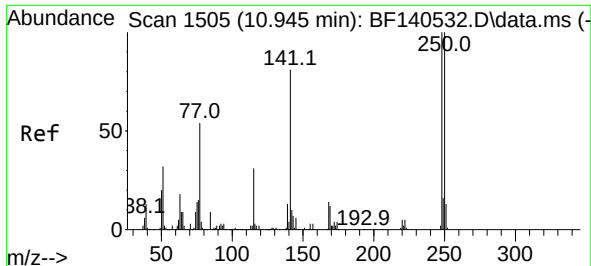
Tgt Ion:165	Resp:	20052
Ion Ratio	Lower	Upper
165	100	
63	1.1	41.7 62.5#
89	1.9	65.8 98.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Tgt Ion:188	Resp:	283437
Ion Ratio	Lower	Upper
188	100	
94	8.0	6.4 9.6
80	8.9	6.9 10.3

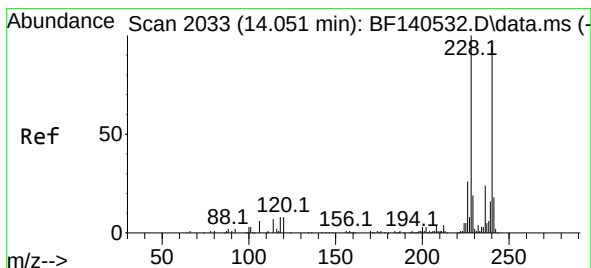
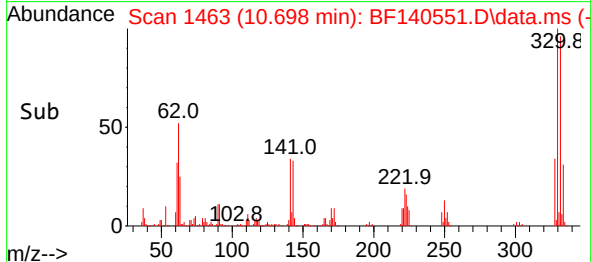
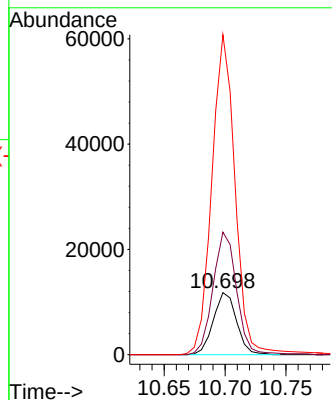
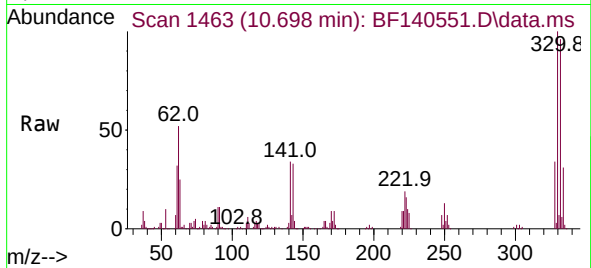




#67
4-Bromophenyl-phenylether
Concen: 5.364 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

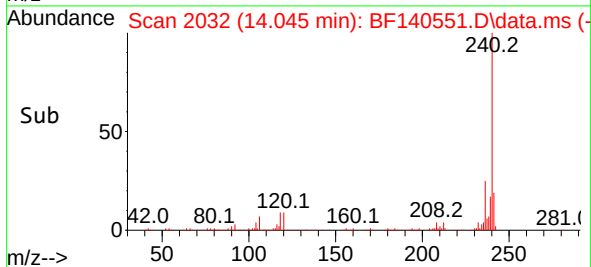
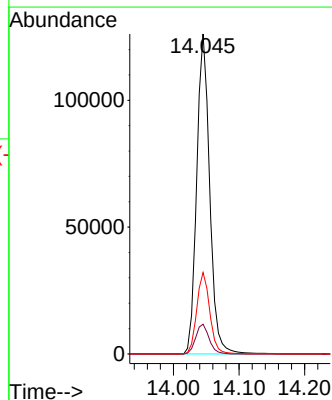
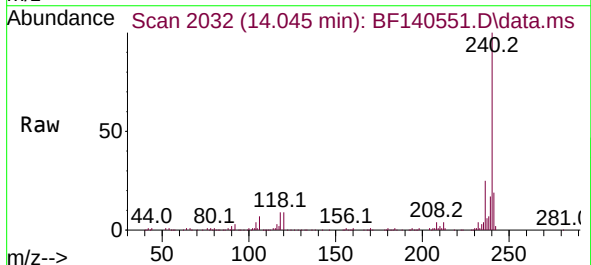
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

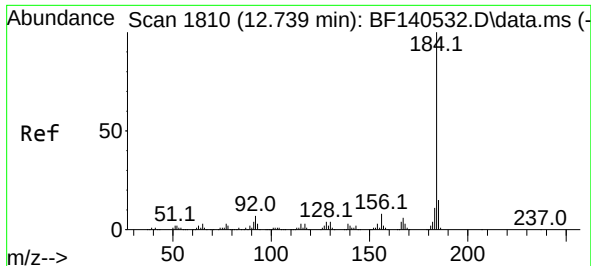
Tgt Ion:248 Resp: 15657
Ion Ratio Lower Upper
248 100
250 197.2 79.8 119.8#
141 514.8 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Tgt Ion:240 Resp: 173917
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.5 20.6 31.0

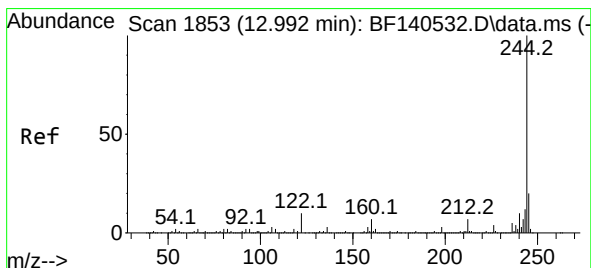
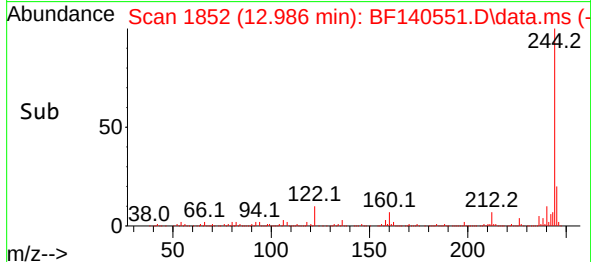
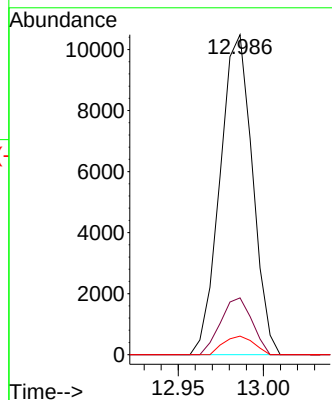
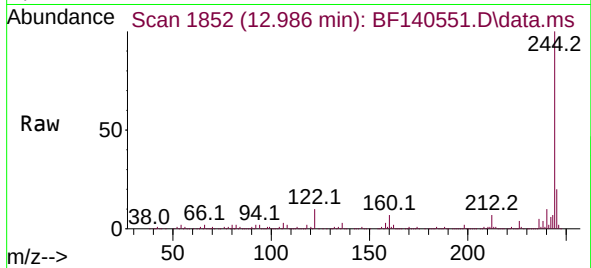




#77
Benzidine
Concen: 2.745 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.247 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

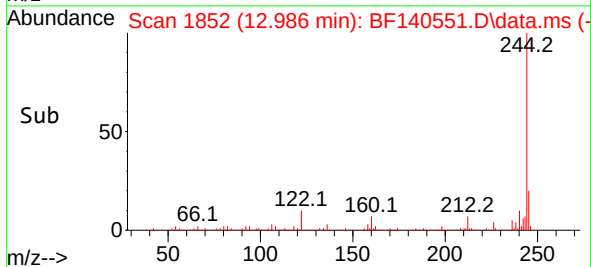
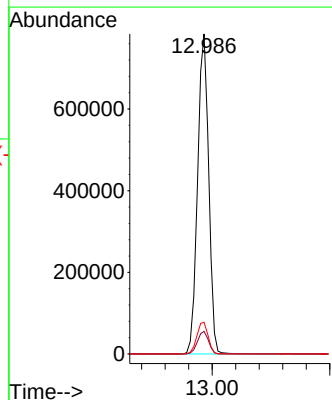
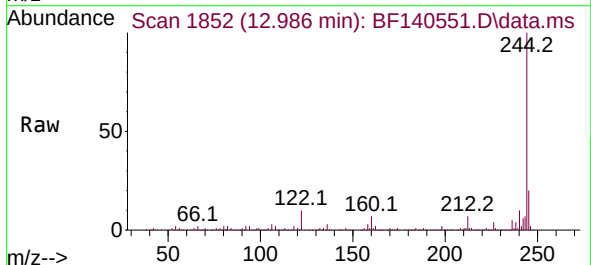
Instrument :
BNA_F
ClientSampleId :
TP-2-WC

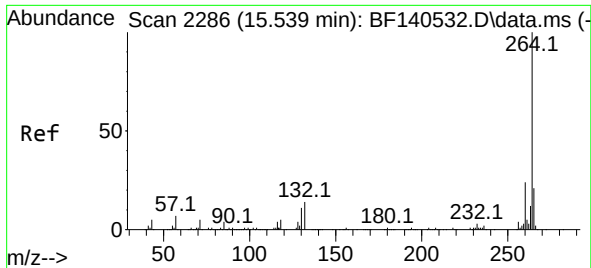
Tgt Ion:184 Resp: 13882
Ion Ratio Lower Upper
184 100
185 17.7 11.7 17.5#
183 5.8 8.8 13.2#



#79
Terphenyl-d14
Concen: 91.864 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140551.D
Acq: 21 Nov 2024 22:18

Tgt Ion:244 Resp: 1026038
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.9 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF140551.D
 Acq: 21 Nov 2024 22:18

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-WC

Tgt Ion:264 Resp: 134360
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.8 16.6 25.0

