

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140550.D
 Acq On : 21 Nov 2024 21:51
 Operator : RC/JU
 Sample : P4916-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3-WC

Quant Time: Nov 22 00:11:39 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)

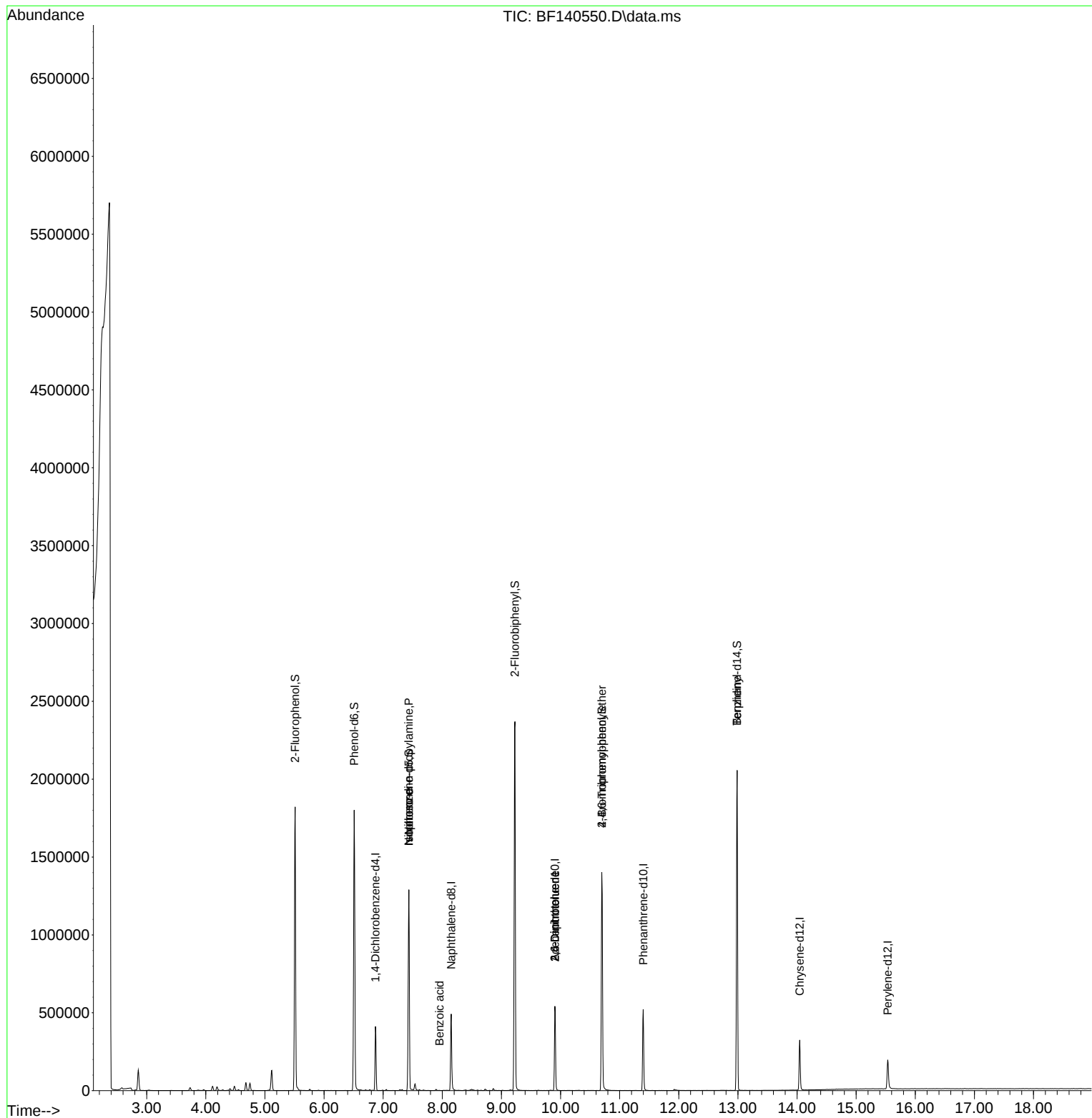
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	86207	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	316234	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	166420	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	292532	20.000	ng	0.00
76) Chrysene-d12	14.045	240	164777	20.000	ng	0.00
86) Perylene-d12	15.533	264	127120	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	690793	136.722	ng	0.01
7) Phenol-d6	6.510	99	868474	130.019	ng	0.00
23) Nitrobenzene-d5	7.434	82	592421	95.823	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	248991	139.893	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1105640	98.987	ng	0.00
79) Terphenyl-d14	12.986	244	1016794	96.086	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	82017	20.776	ng	# 75
25) Isophorone	7.434	82	585524	56.782	ng	# 66
32) Benzoic acid	7.951	122	546	7.349	ng	# 38
51) 2,6-Dinitrotoluene	9.904	165	20882	8.401	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	20882	6.321	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16046	5.326	ng	# 1
77) Benzidine	12.986	184	13893	2.900	ng	# 92

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

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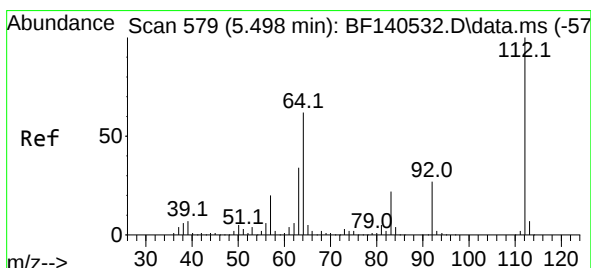
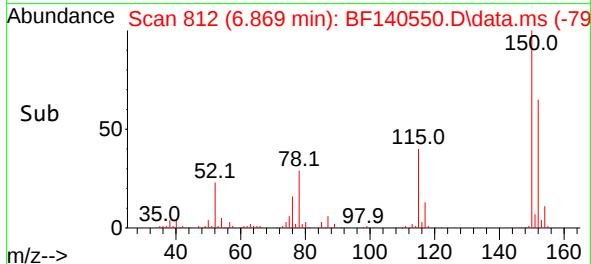
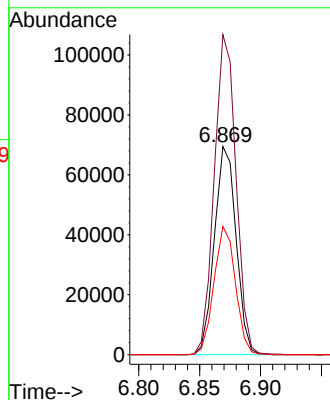
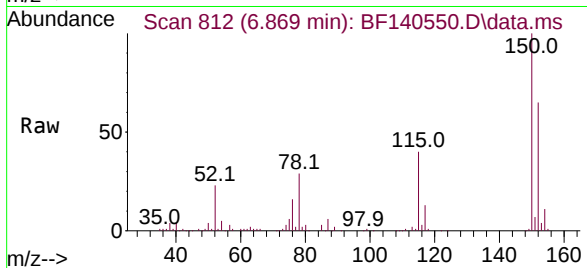




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

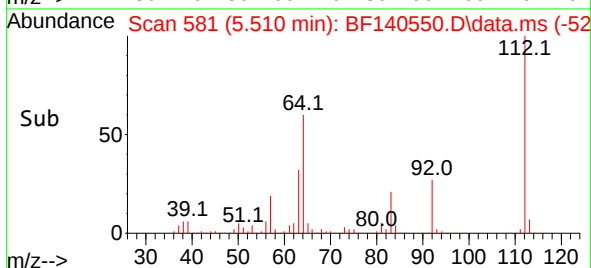
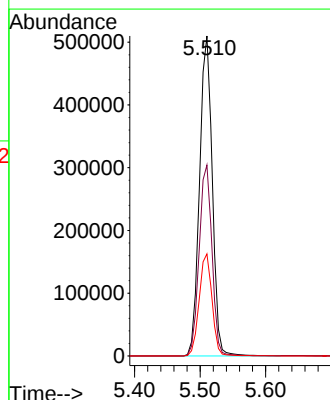
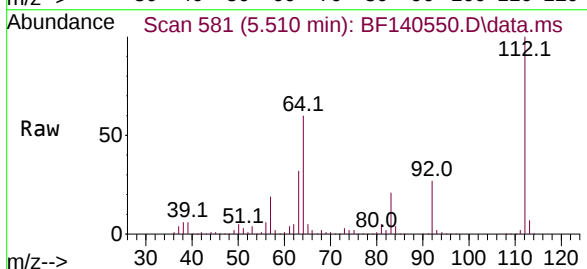
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Tgt Ion:152 Resp: 86207
Ion Ratio Lower Upper
152 100
150 153.7 128.5 192.7
115 61.6 50.2 75.4



#5
2-Fluorophenol
Concen: 136.722 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion:112 Resp: 690793
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.9 27.0 40.4

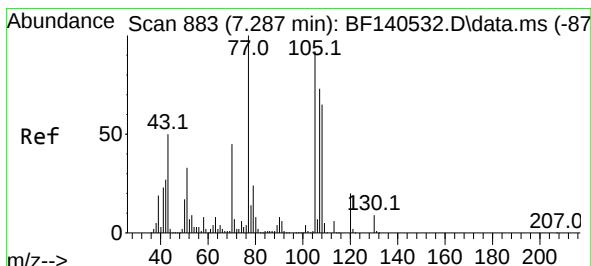
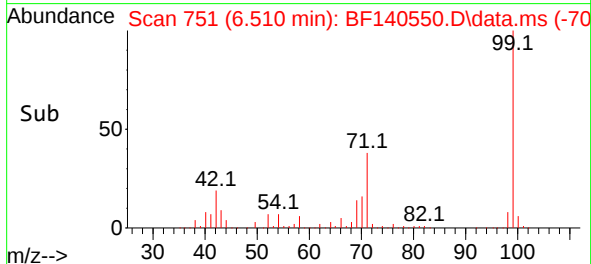
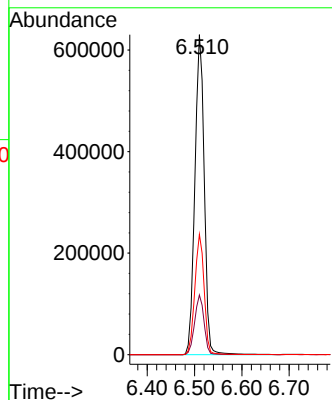
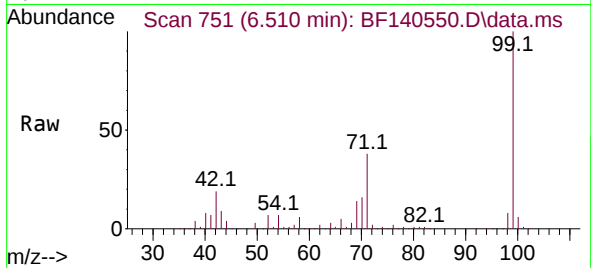




#7
Phenol-d6
Concen: 130.019 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

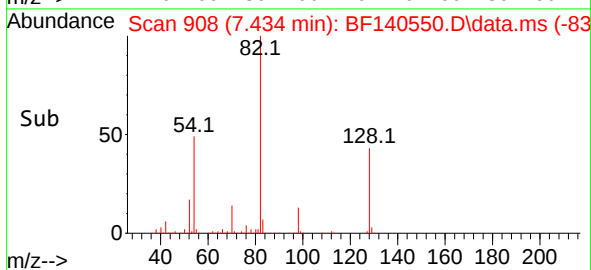
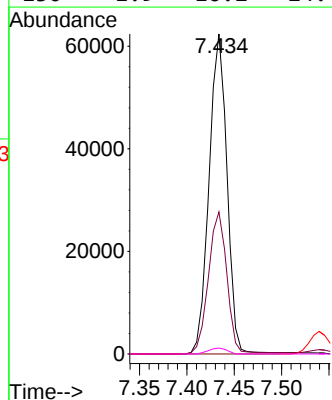
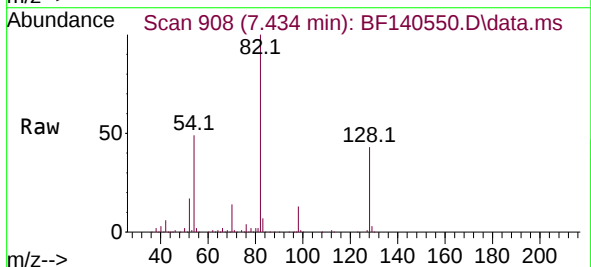
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Tgt Ion: 99 Resp: 868474
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 37.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.776 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion: 70 Resp: 82017
Ion Ratio Lower Upper
70 100
42 44.4 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



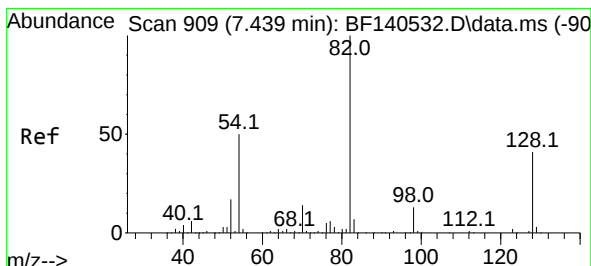
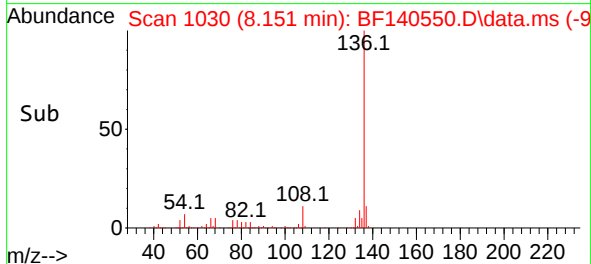
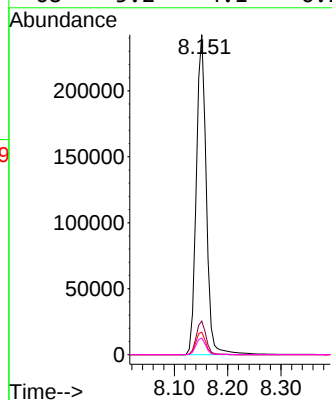
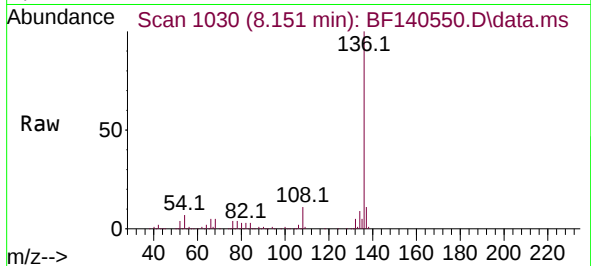


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Instrument :
BNA_F
ClientSampleId :
TP-3-WC

Tgt Ion:136 Resp: 316234

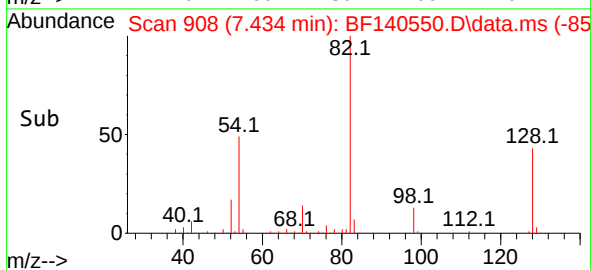
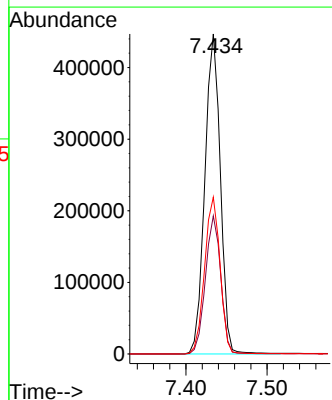
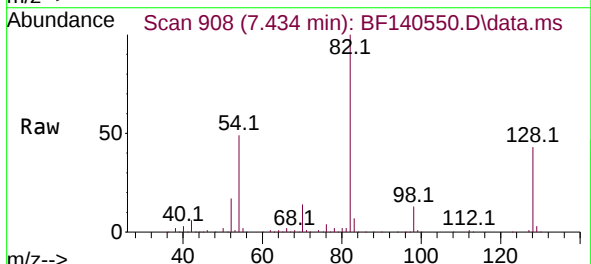
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.1	5.8	8.8
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 95.823 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion: 82 Resp: 592421

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.0	49.4
54	49.0	39.5	59.3

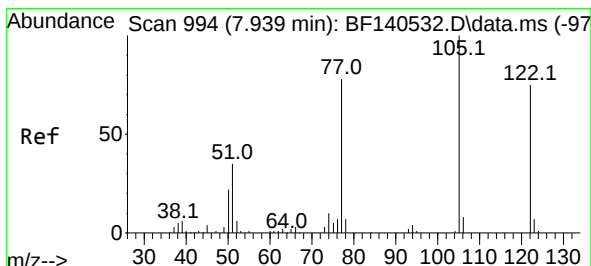
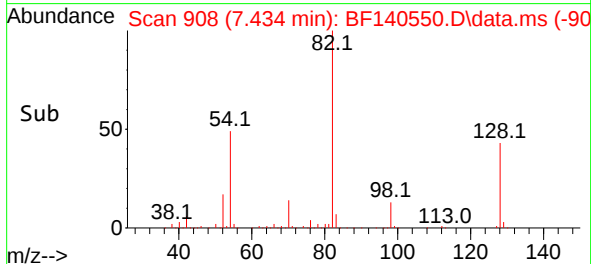
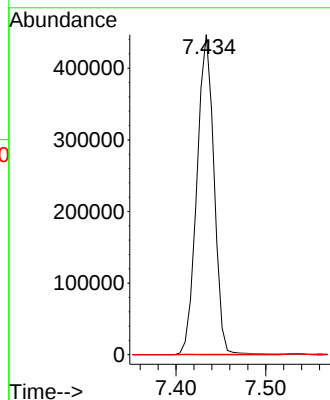
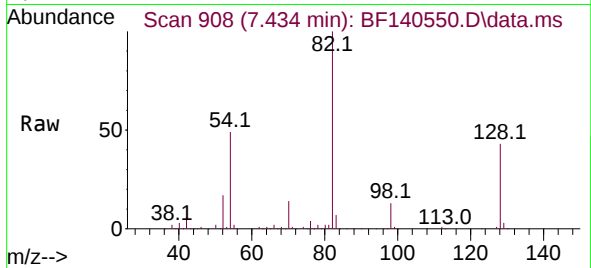




#25
Isophorone
Concen: 56.782 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

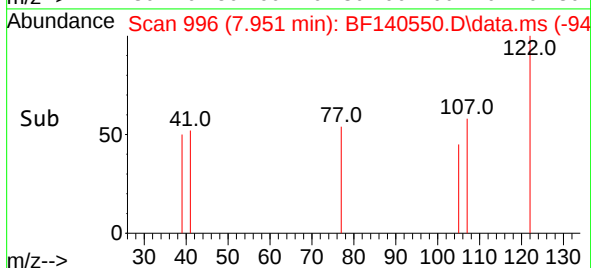
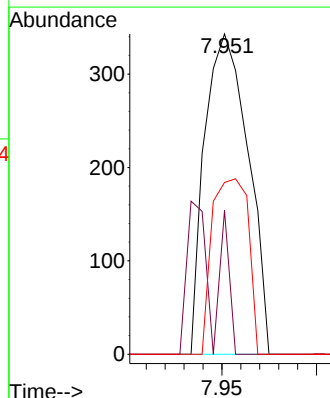
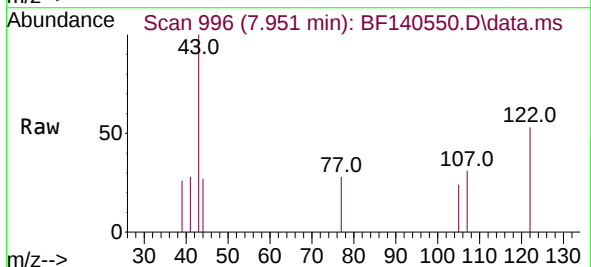
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

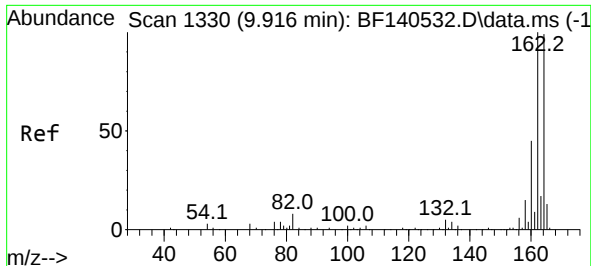
Tgt Ion: 82 Resp: 585524
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.349 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion:122 Resp: 546
Ion Ratio Lower Upper
122 100
105 44.9 109.3 149.3#
77 53.6 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: BF140550.D

Acq: 21 Nov 2024 21:51

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

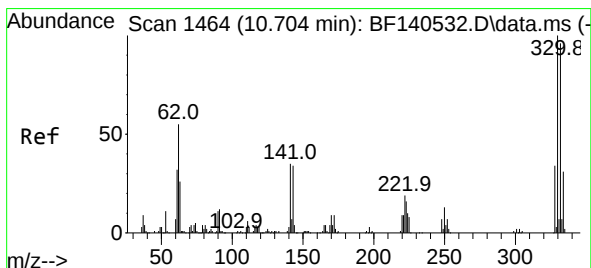
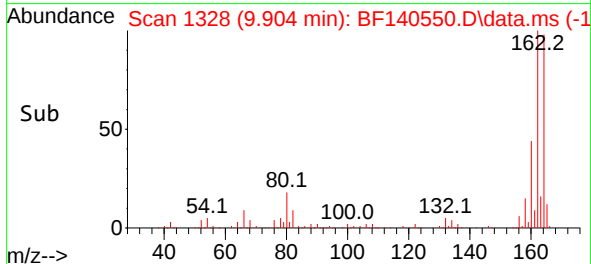
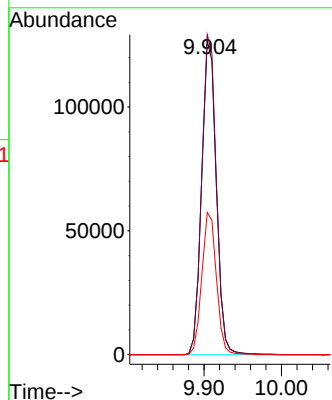
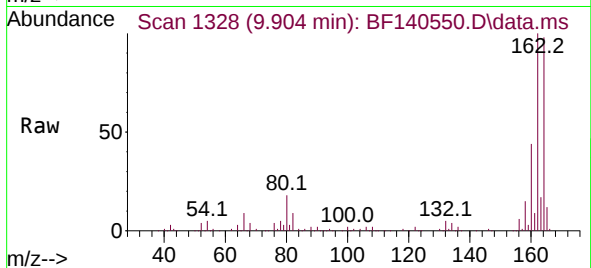
Tgt Ion:164 Resp: 166420

Ion Ratio Lower Upper

164 100

162 101.9 80.6 120.8

160 45.2 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 139.893 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140550.D

Acq: 21 Nov 2024 21:51

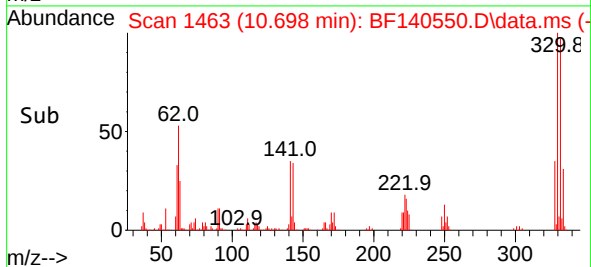
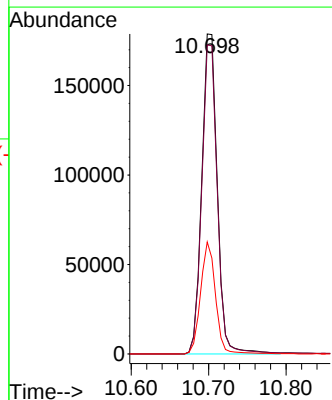
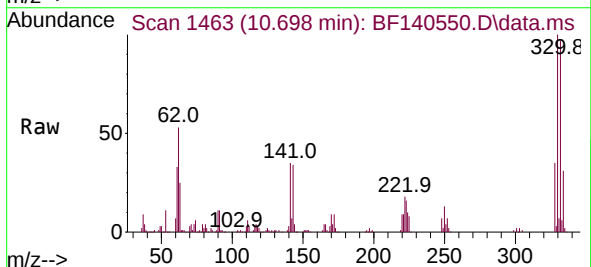
Tgt Ion:330 Resp: 248991

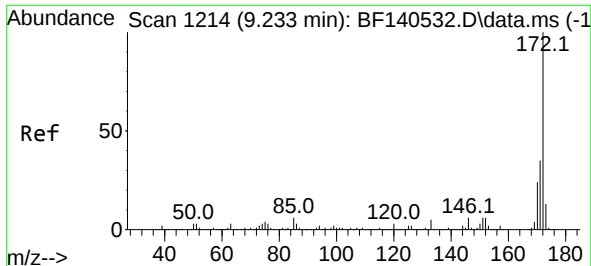
Ion Ratio Lower Upper

330 100

332 97.2 76.9 115.3

141 33.7 26.7 40.1

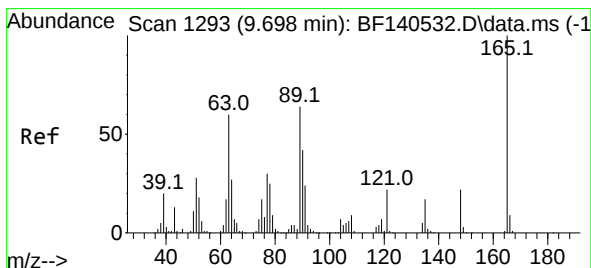
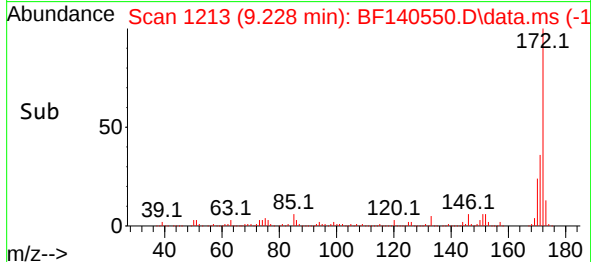
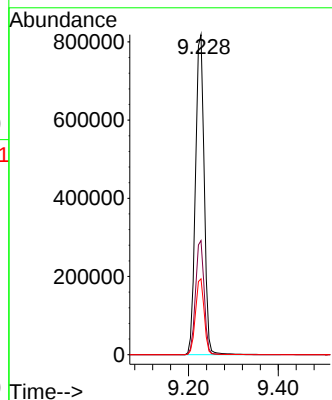
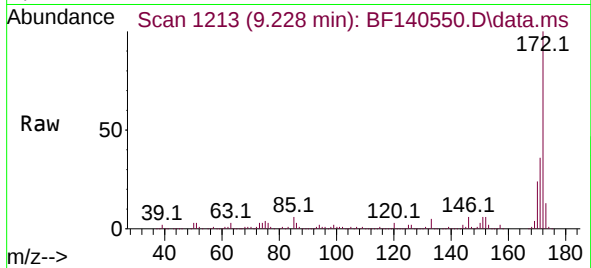




#45
2-Fluorobiphenyl
Concen: 98.987 ng
RT: 9.228 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

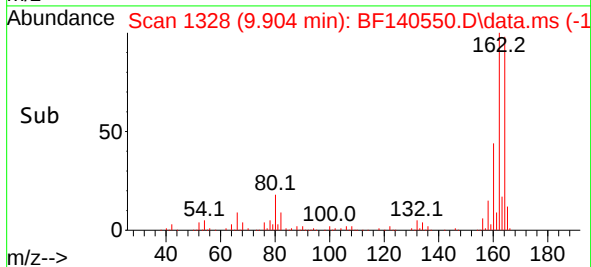
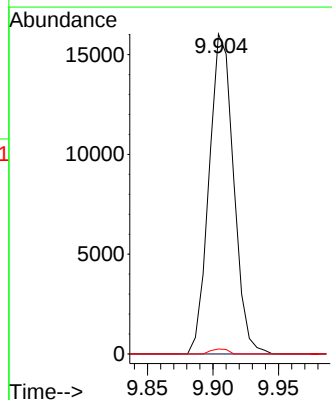
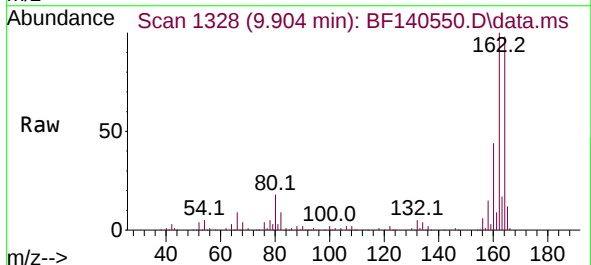
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

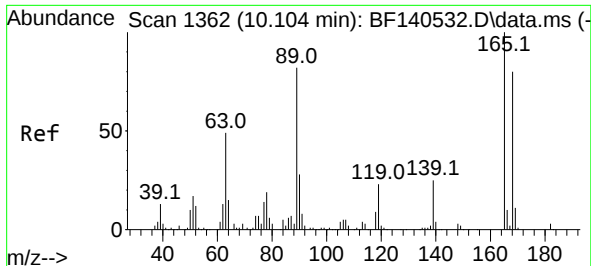
Tgt Ion:172 Resp: 1105640
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.401 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion:165 Resp: 20882
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 1.5 50.9 76.3#

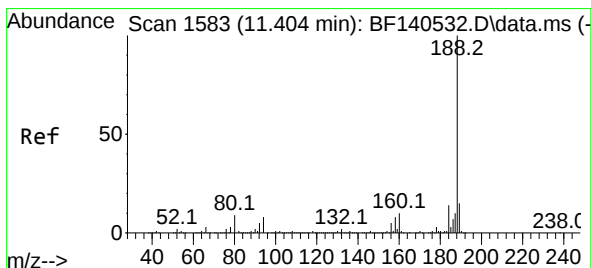
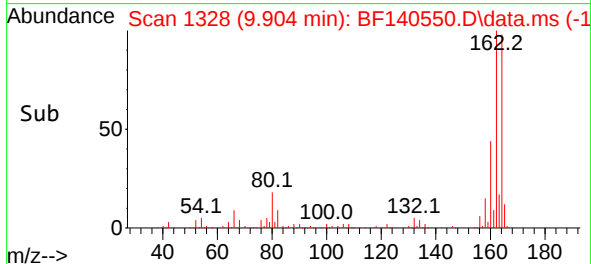
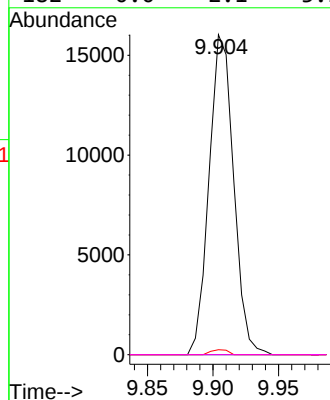
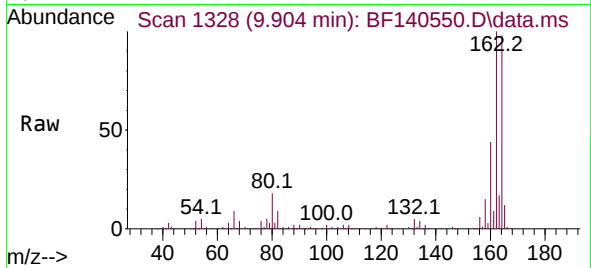




#57
2,4-Dinitrotoluene
Concen: 6.321 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

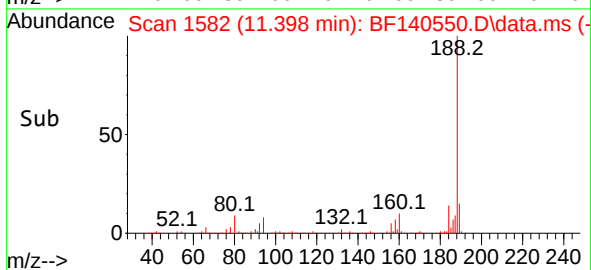
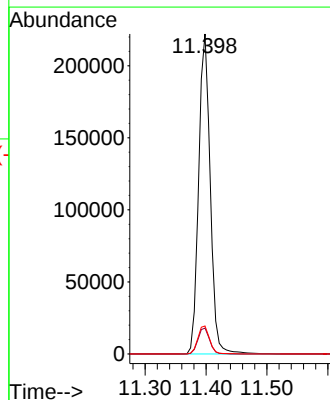
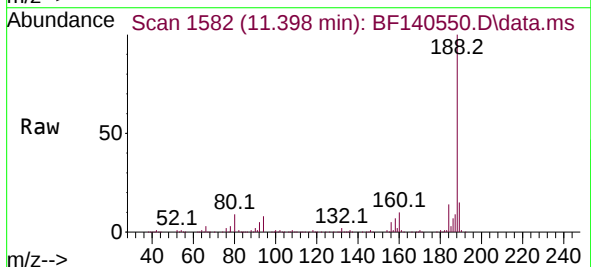
Instrument :
BNA_F
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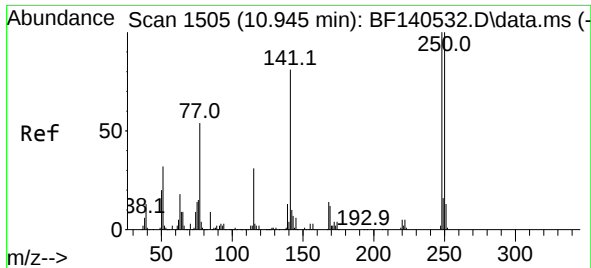
Tgt Ion:165 Resp: 20882
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 1.5 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion:188 Resp: 292532
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.7 6.9 10.3

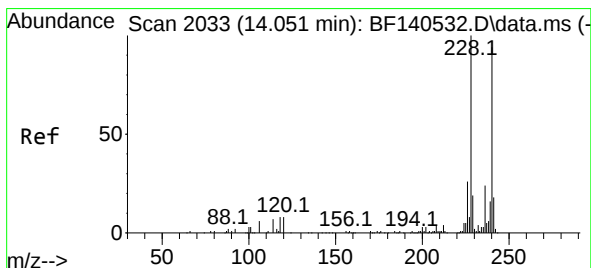
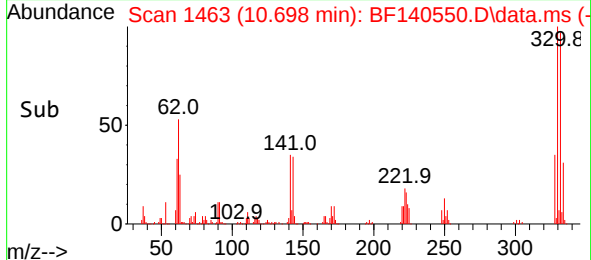
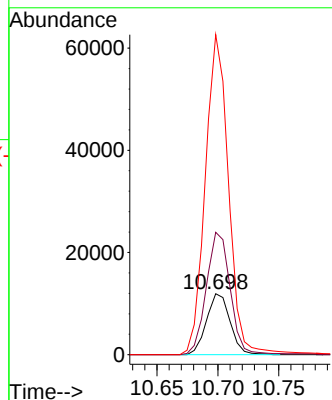
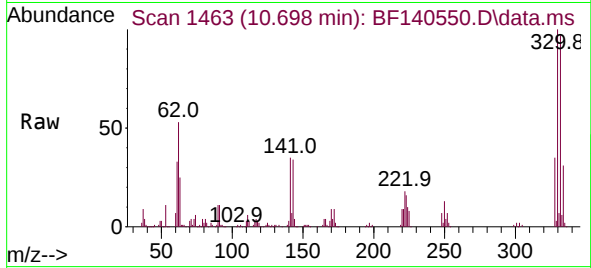




#67
4-Bromophenyl-phenylether
Concen: 5.326 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

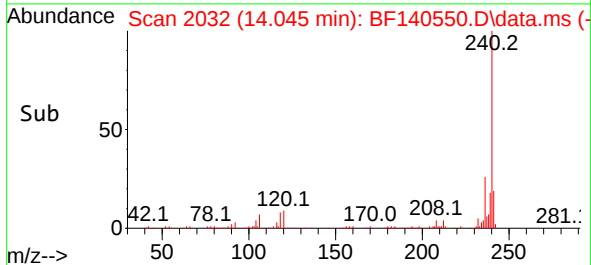
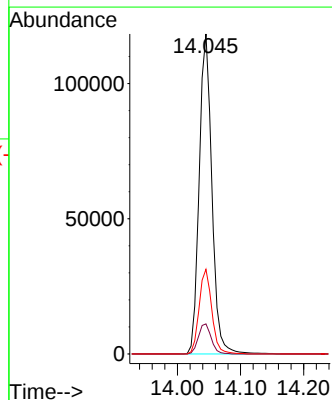
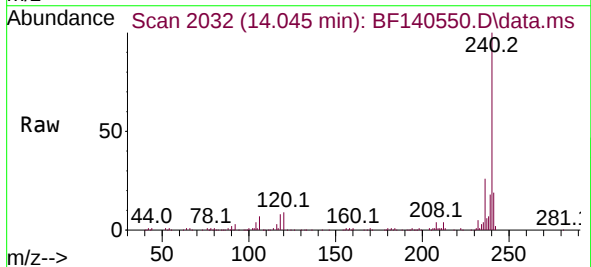
Instrument :
BNA_F
ClientSampleId :
TP-3-WC

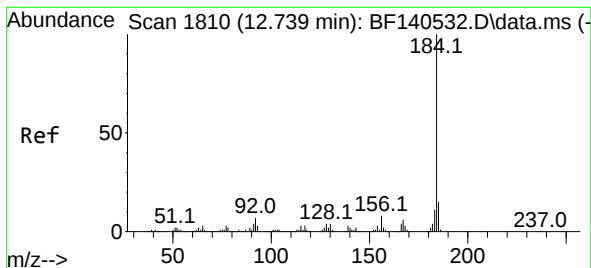
Tgt Ion:248 Resp: 16046
Ion Ratio Lower Upper
248 100
250 200.4 79.8 119.8#
141 524.3 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Tgt Ion:240 Resp: 164777
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.4 20.6 31.0





#77

Benzidine

Concen: 2.900 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140550.D

Acq: 21 Nov 2024 21:51

Instrument :

BNA_F

ClientSampleId :

TP-3-WC

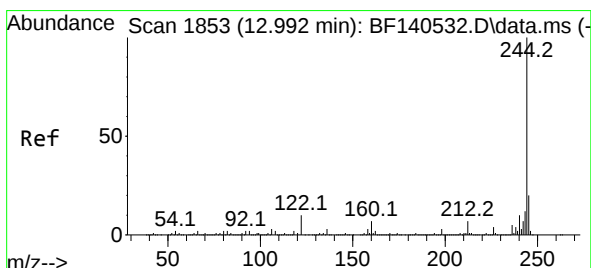
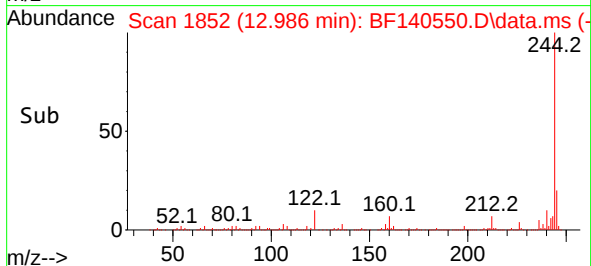
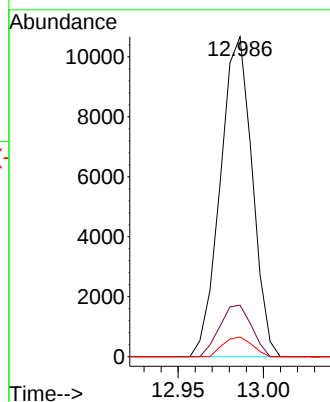
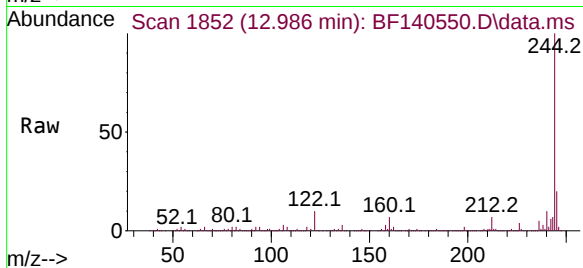
Tgt Ion:184 Resp: 13893

Ion Ratio Lower Upper

184 100

185 16.1 11.7 17.5

183 6.2 8.8 13.2#



#79

Terphenyl-d14

Concen: 96.086 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140550.D

Acq: 21 Nov 2024 21:51

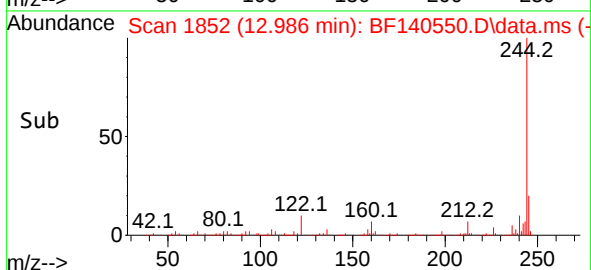
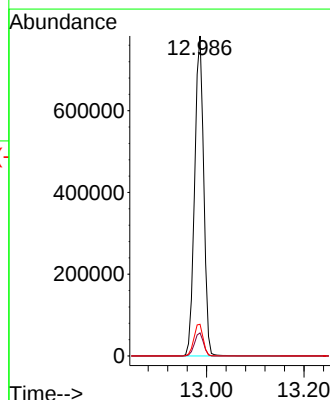
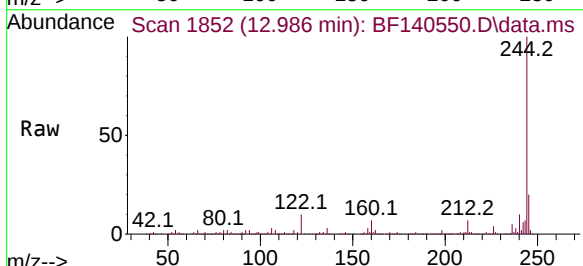
Tgt Ion:244 Resp: 1016794

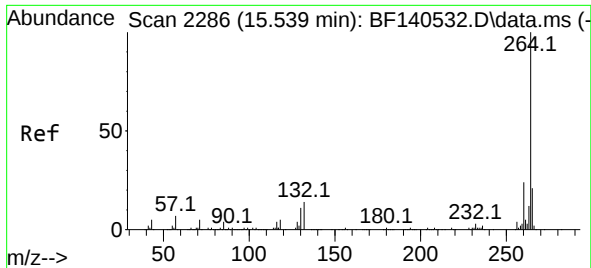
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

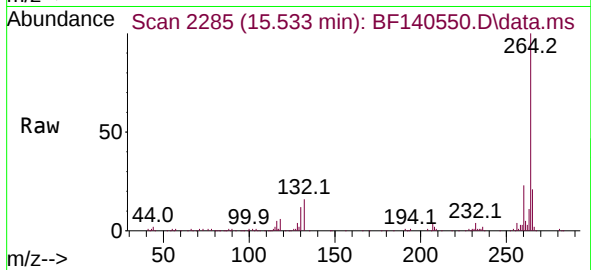
122 9.9 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF140550.D
Acq: 21 Nov 2024 21:51

Instrument :
BNA_F
ClientSampleId :
TP-3-WC



Tgt Ion:264 Resp: 127120
Ion Ratio Lower Upper
264 100
260 22.6 19.0 28.6
265 21.0 16.6 25.0

