

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140547.D
 Acq On : 21 Nov 2024 20:33
 Operator : RC/JU
 Sample : P4929-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS520

Quant Time: Nov 22 00:11:02 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)

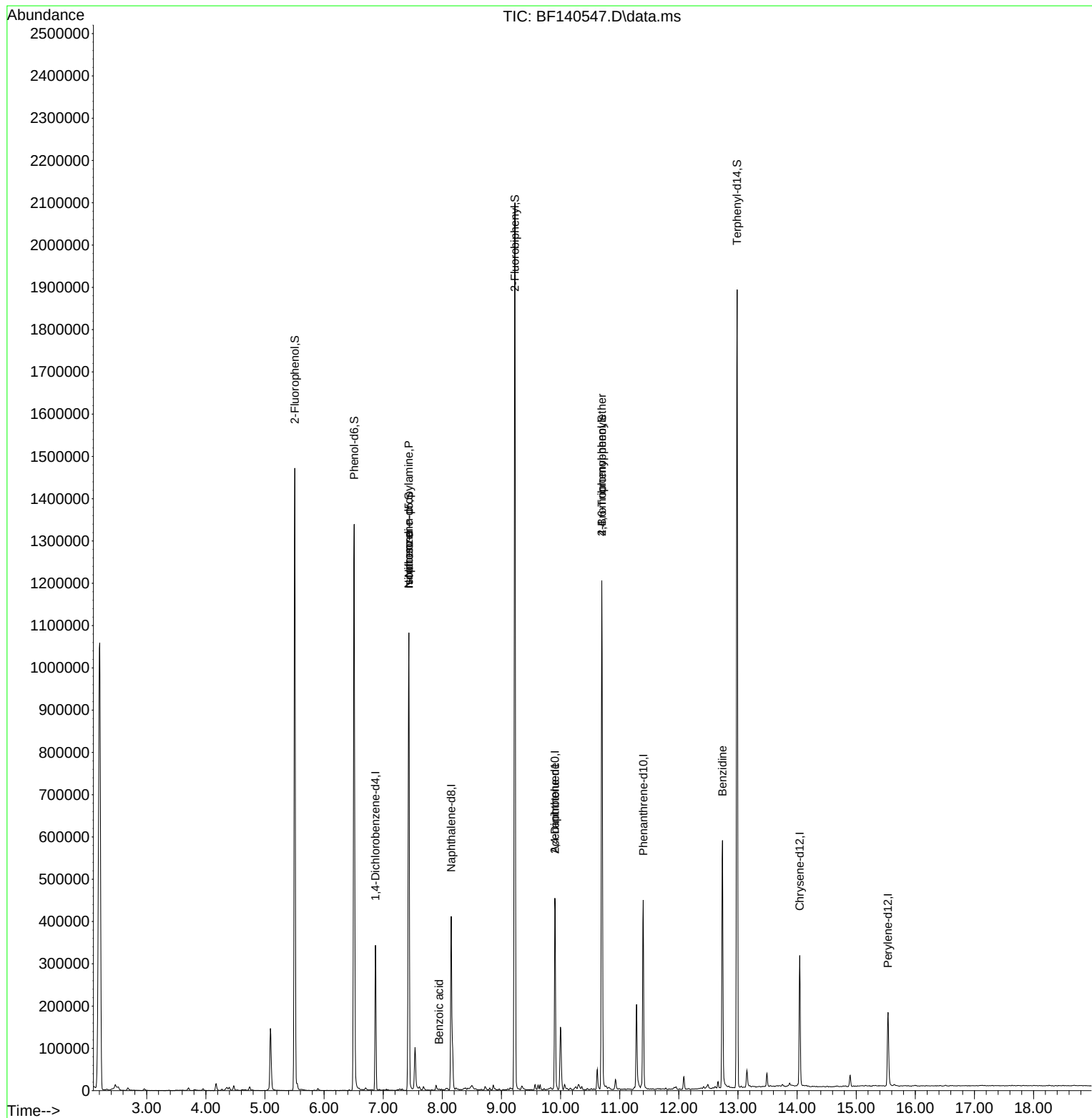
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70395	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	261239	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	136487	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	239249	20.000	ng	0.00
76) Chrysene-d12	14.045	240	146931	20.000	ng	0.00
86) Perylene-d12	15.539	264	112070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	546926	132.562	ng	0.00
7) Phenol-d6	6.510	99	635517	116.514	ng	0.00
23) Nitrobenzene-d5	7.433	82	505645	99.005	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	207450	142.115	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	937035	102.290	ng	0.00
79) Terphenyl-d14	12.986	244	921933	97.704	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	69797	21.652	ng	Qvalue
25) Isophorone	7.433	82	500747	58.783	ng	# 75
32) Benzoic acid	7.945	122	950	7.524	ng	# 66
57) 2,4-Dinitrotoluene	9.904	165	17001	6.275	ng	# 42
67) 4-Bromophenyl-phenylether	10.698	248	12928	5.247	ng	# 17
77) Benzidine	12.739	184	328479	76.892	ng	# 1

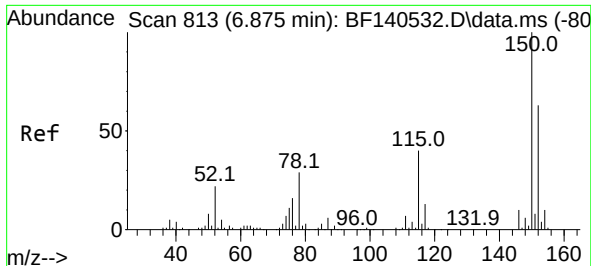
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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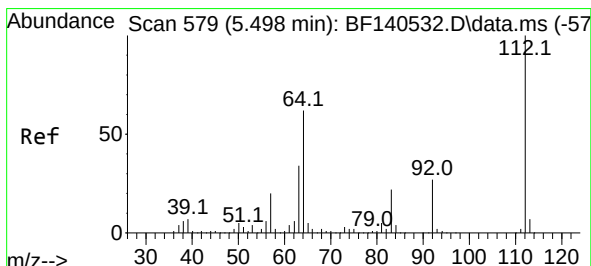
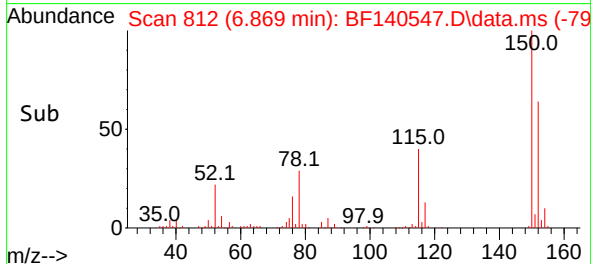
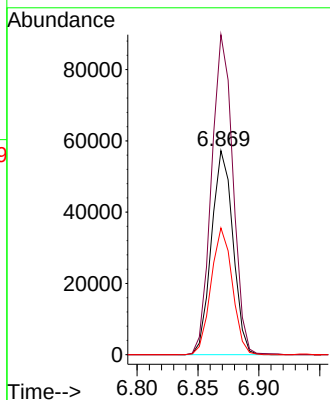
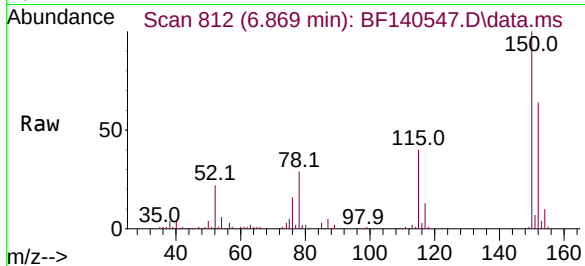




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

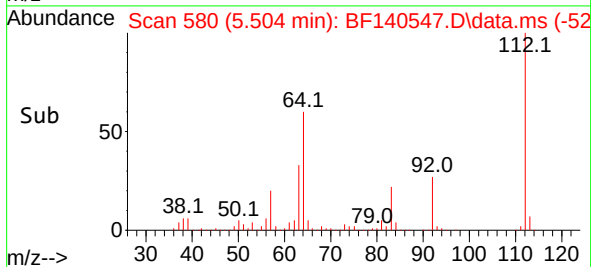
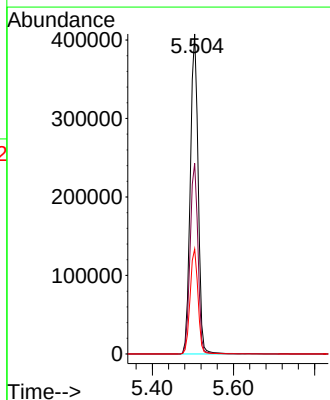
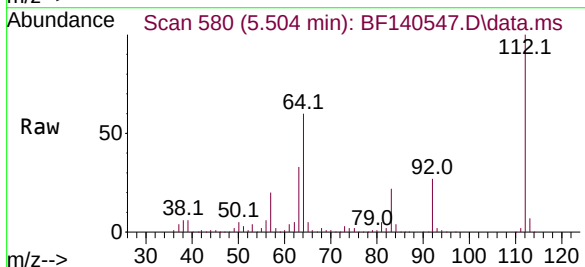
Instrument :
BNA_F
ClientSampleId :
ARS520

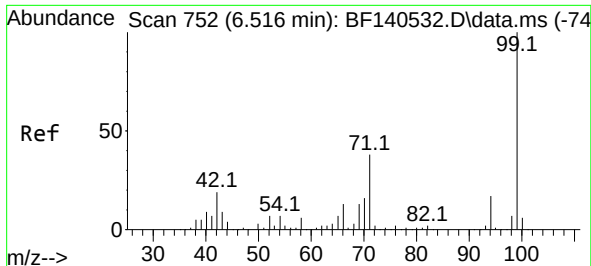
Tgt Ion:152 Resp: 70395
Ion Ratio Lower Upper
152 100
150 156.9 128.5 192.7
115 62.1 50.2 75.4



#5
2-Fluorophenol
Concen: 132.562 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:112 Resp: 546926
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 32.8 27.0 40.4





#7

Phenol-d6

Concen: 116.514 ng

RT: 6.510 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140547.D

Acq: 21 Nov 2024 20:33

Instrument :

BNA_F

ClientSampleId :

ARS520

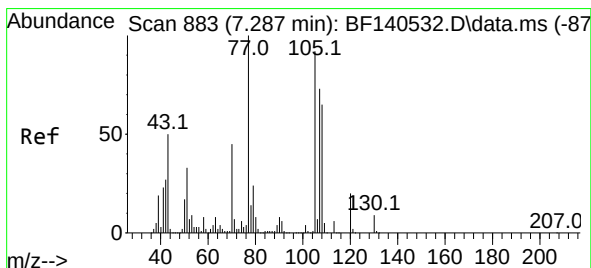
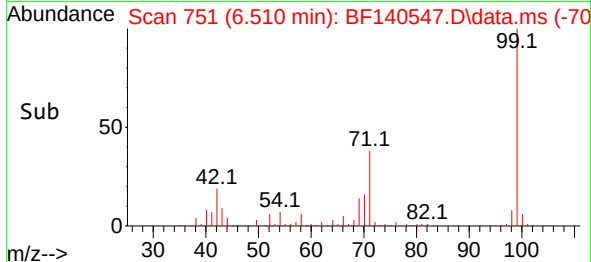
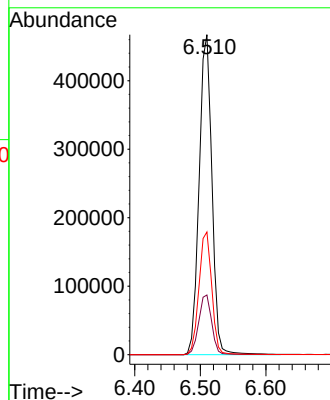
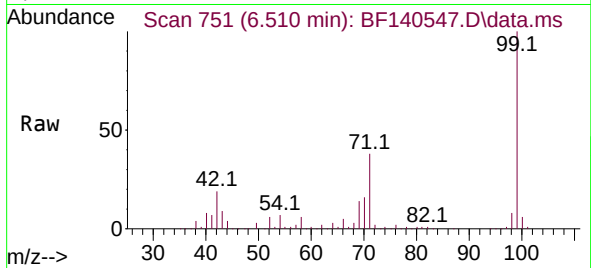
Tgt Ion: 99 Resp: 635517

Ion Ratio Lower Upper

99 100

42 18.7 15.4 23.0

71 38.4 30.6 46.0



#19

n-Nitroso-di-n-propylamine

Concen: 21.652 ng

RT: 7.433 min Scan# 908

Delta R.T. 0.147 min

Lab File: BF140547.D

Acq: 21 Nov 2024 20:33

Tgt Ion: 70 Resp: 69797

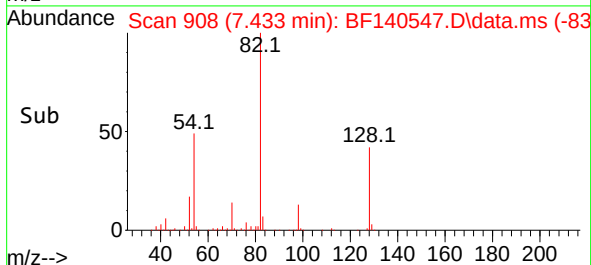
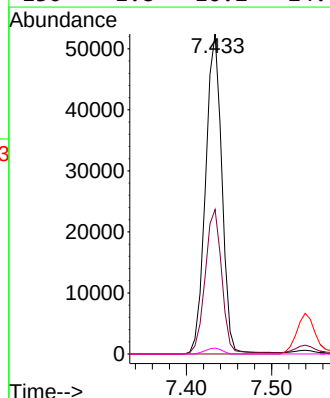
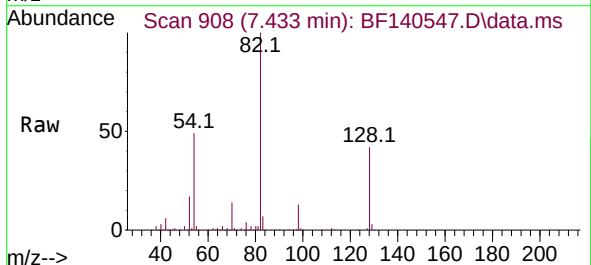
Ion Ratio Lower Upper

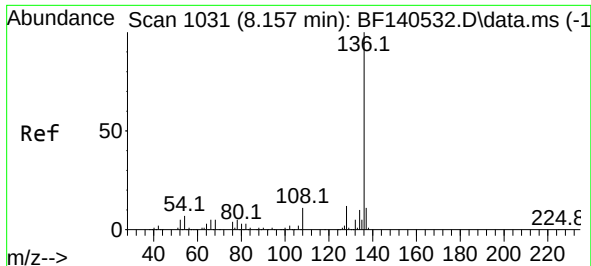
70 100

42 45.2 47.6 71.4#

101 0.0 7.6 11.4#

130 1.8 16.2 24.4#



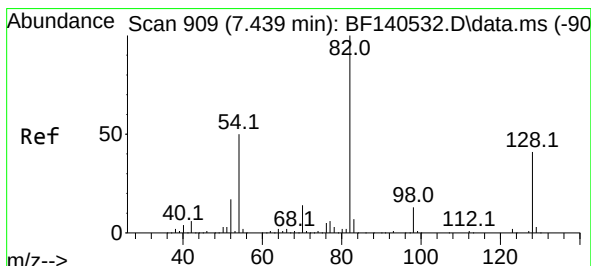
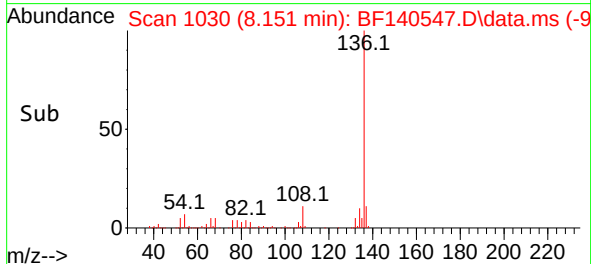
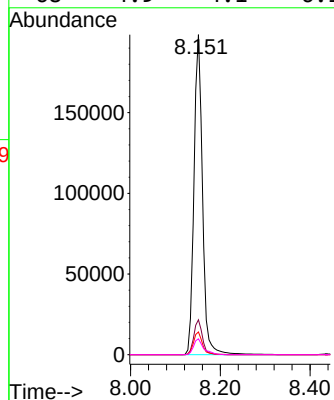
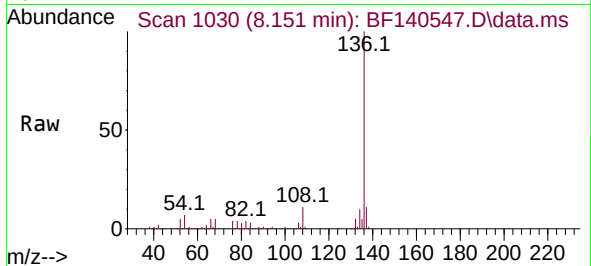


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Instrument :
BNA_F
ClientSampleId :
ARS520

Tgt Ion:136 Resp: 261239

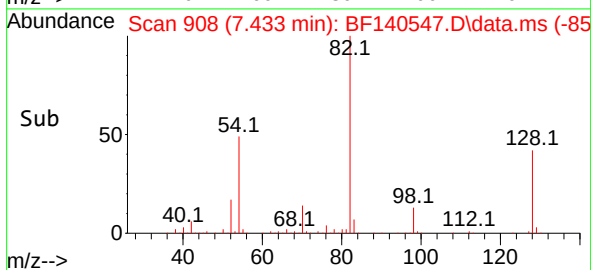
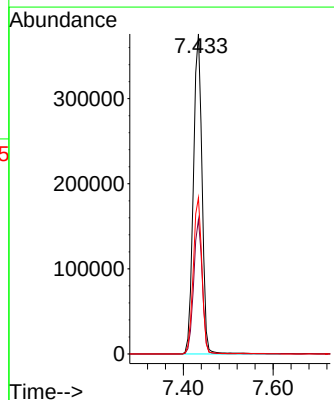
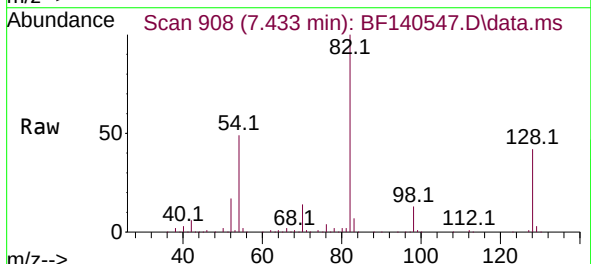
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.1	5.8	8.8
68	4.9	4.1	6.1

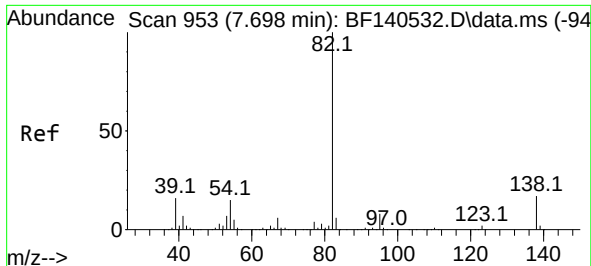


#23
Nitrobenzene-d5
Concen: 99.005 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion: 82 Resp: 505645

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.0	49.4
54	48.8	39.5	59.3

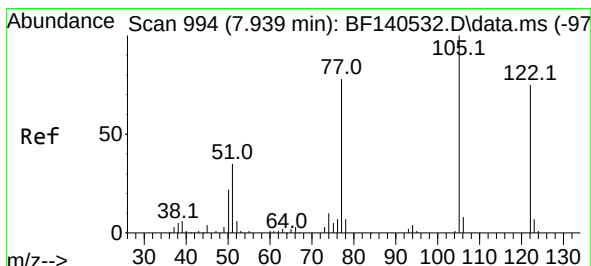
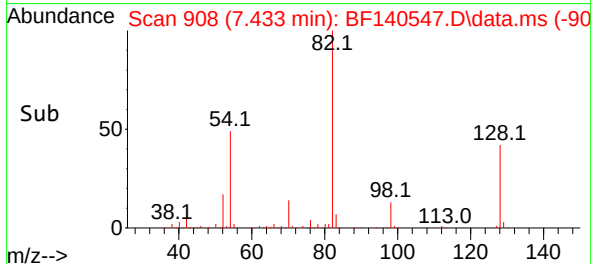
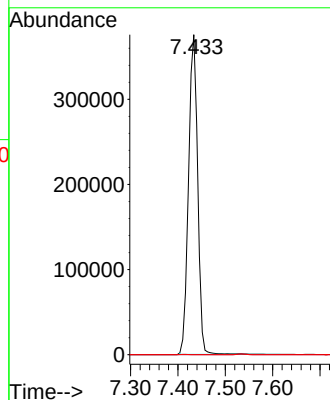
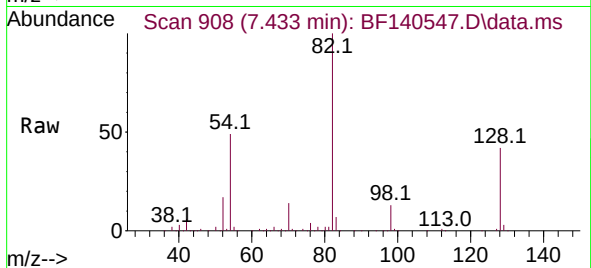




#25
Isophorone
Concen: 58.783 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

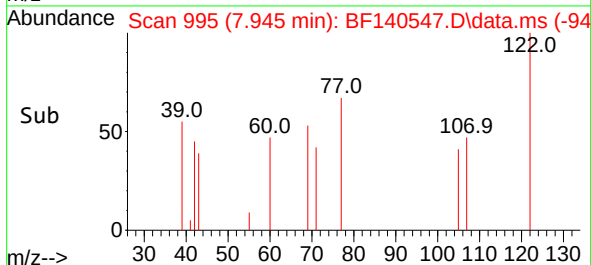
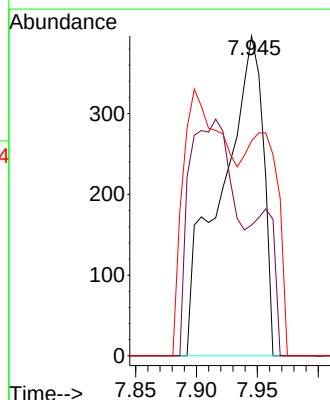
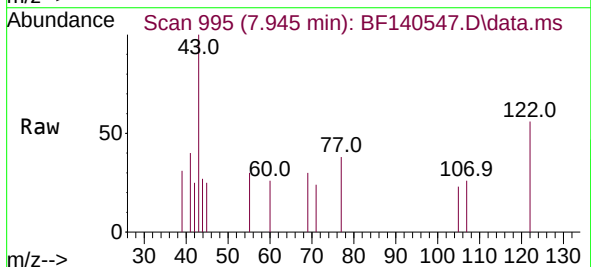
Instrument :
BNA_F
ClientSampleId :
ARS520

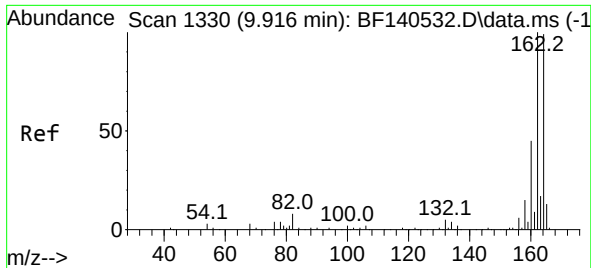
Tgt Ion: 82 Resp: 500747
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.524 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion: 122 Resp: 950
Ion Ratio Lower Upper
122 100
105 40.9 109.3 149.3#
77 67.2 82.3 122.3#

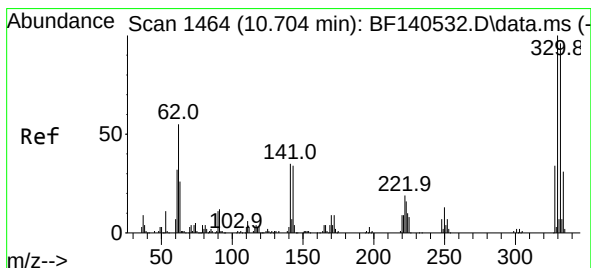
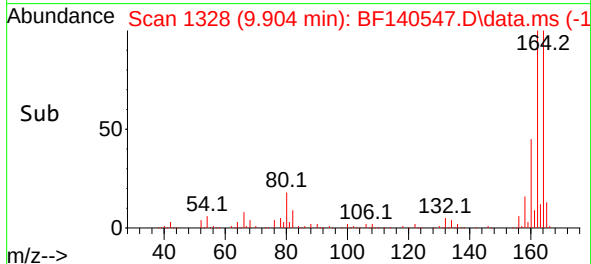
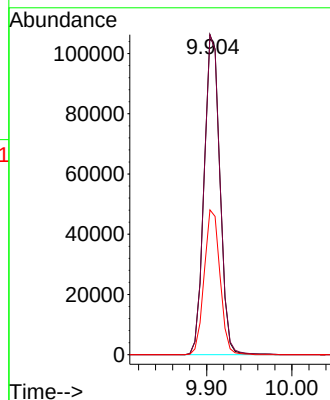
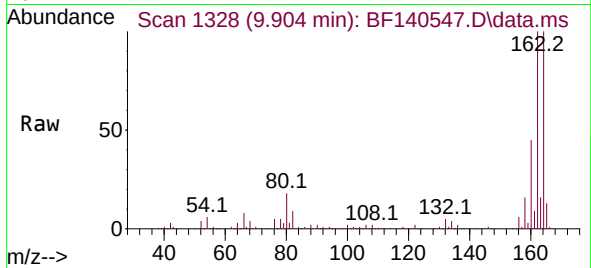




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

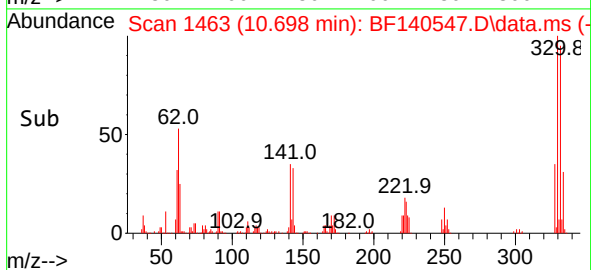
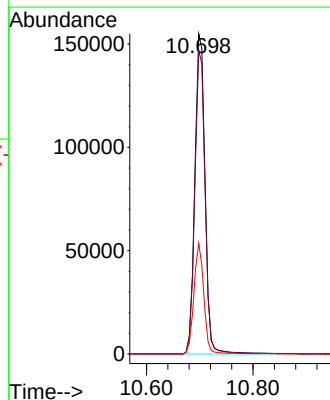
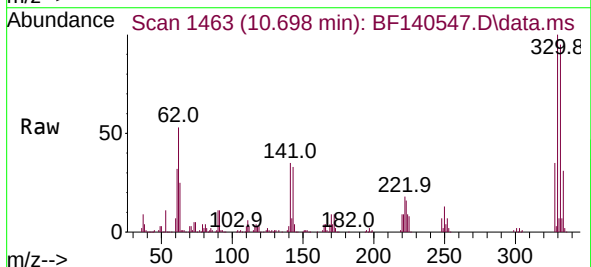
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ClientSampleId :
ARS520

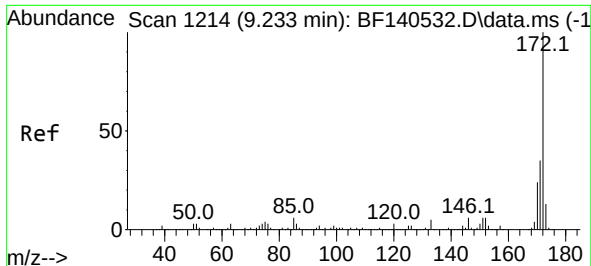
Tgt Ion:164 Resp: 136487
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.3 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 142.115 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:330 Resp: 207450
Ion Ratio Lower Upper
330 100
332 95.0 76.9 115.3
141 33.5 26.7 40.1

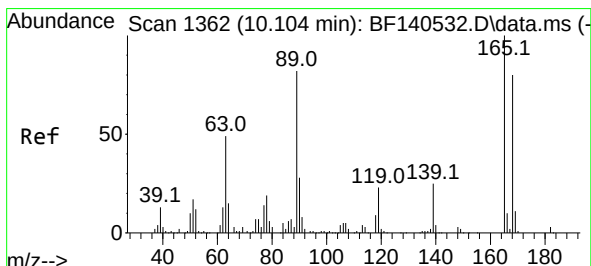
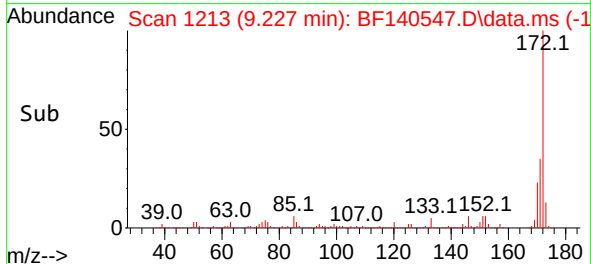
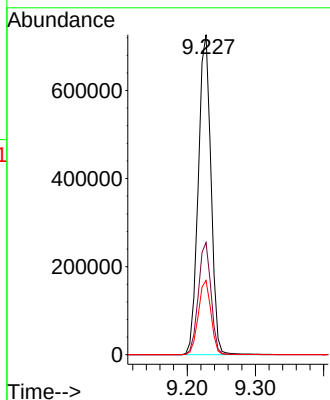
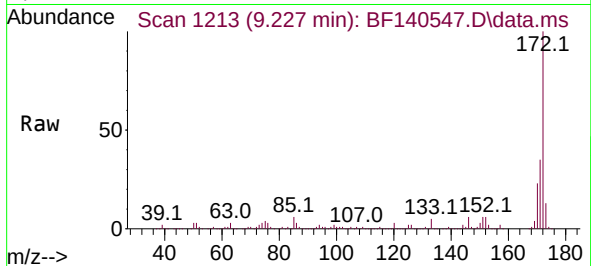




#45
2-Fluorobiphenyl
Concen: 102.290 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

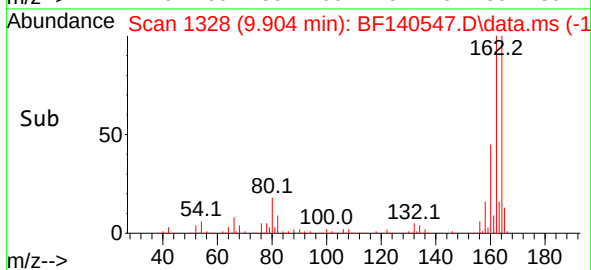
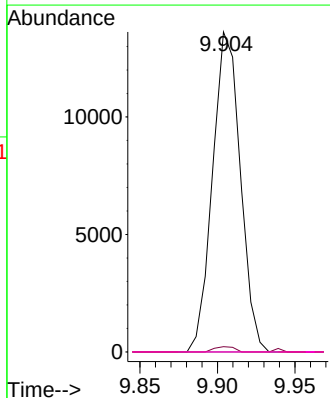
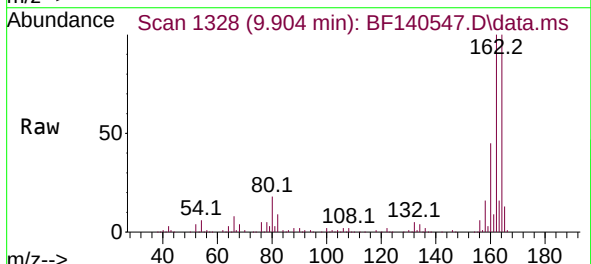
Instrument :
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ClientSampleId :
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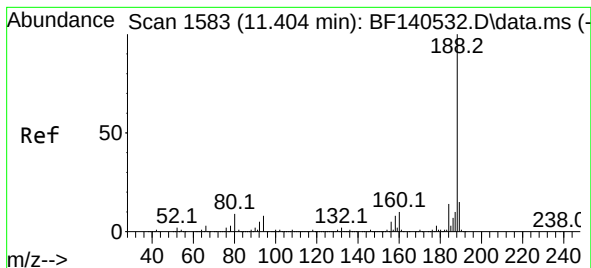
Tgt Ion:172 Resp: 937035
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.2 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 6.275 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:165 Resp: 17001
Ion Ratio Lower Upper
165 100
63 1.7 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140547.D

Acq: 21 Nov 2024 20:33

Instrument :

BNA_F

ClientSampleId :

ARS520

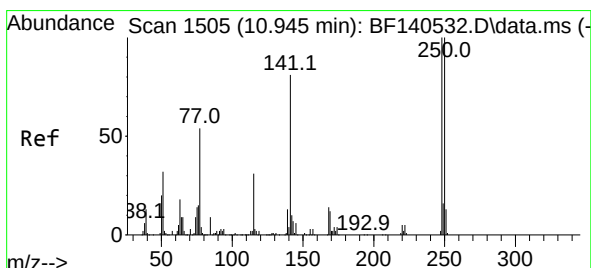
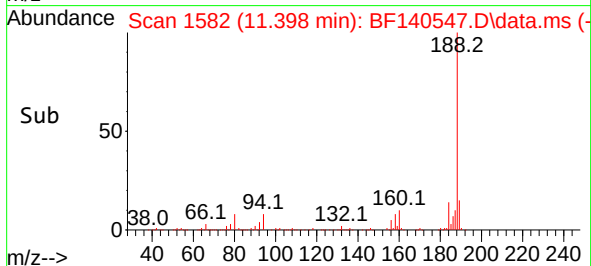
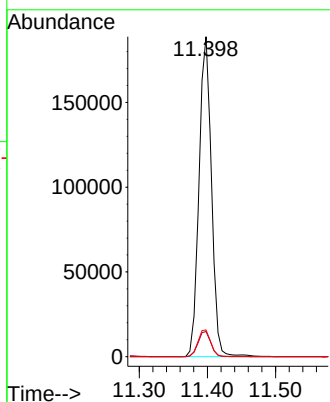
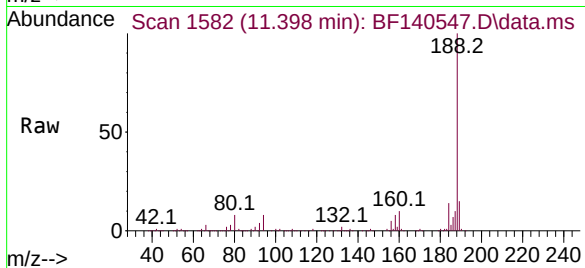
Tgt Ion:188 Resp: 239249

Ion Ratio Lower Upper

188 100

94 7.9 6.4 9.6

80 8.3 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.247 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140547.D

Acq: 21 Nov 2024 20:33

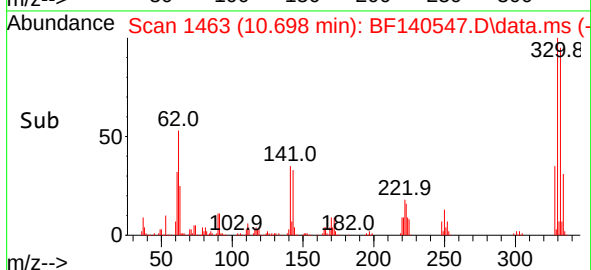
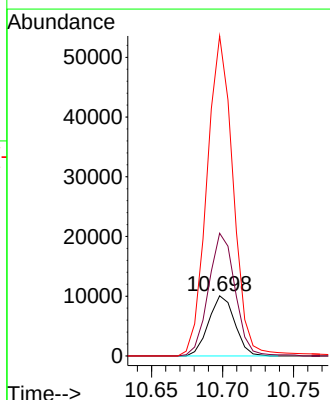
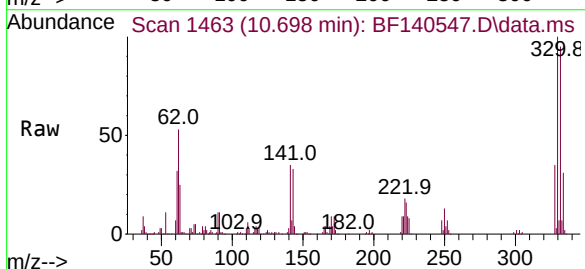
Tgt Ion:248 Resp: 12928

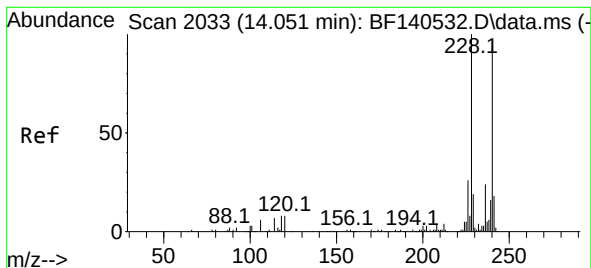
Ion Ratio Lower Upper

248 100

250 203.9 79.8 119.8#

141 531.8 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: BF140547.D

Acq: 21 Nov 2024 20:33

Instrument :

BNA_F

ClientSampleId :

ARS520

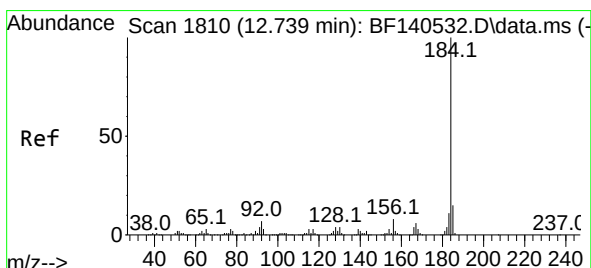
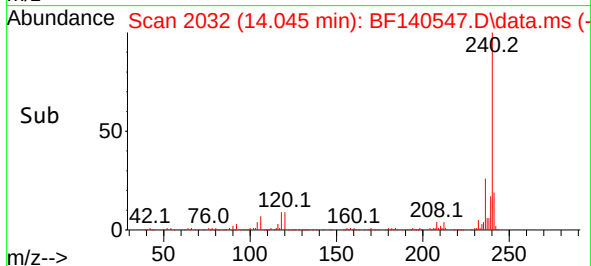
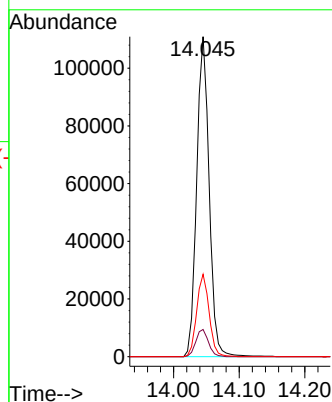
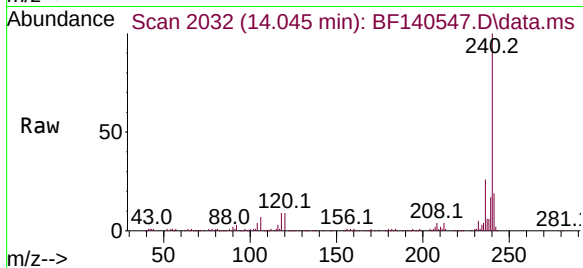
Tgt Ion:240 Resp: 146931

Ion Ratio Lower Upper

240 100

120 8.5 7.3 10.9

236 25.7 20.6 31.0



#77

Benzidine

Concen: 76.892 ng

RT: 12.739 min Scan# 1810

Delta R.T. -0.000 min

Lab File: BF140547.D

Acq: 21 Nov 2024 20:33

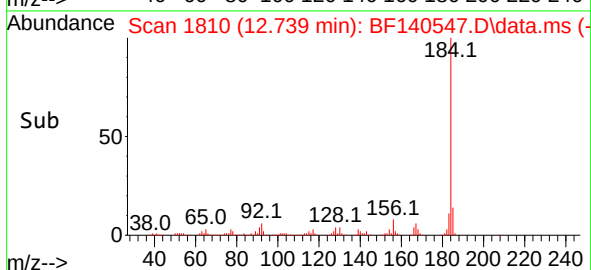
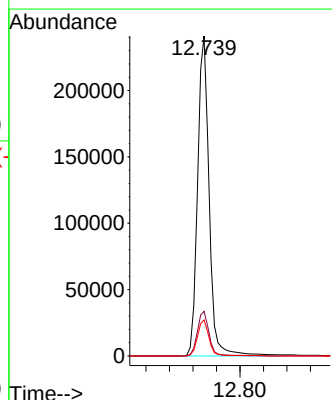
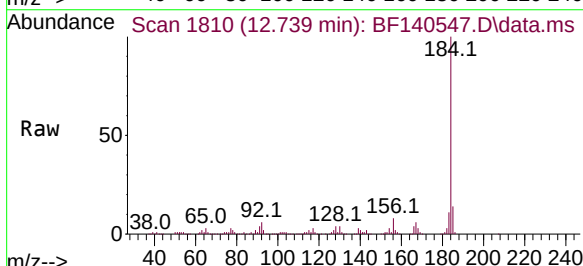
Tgt Ion:184 Resp: 328479

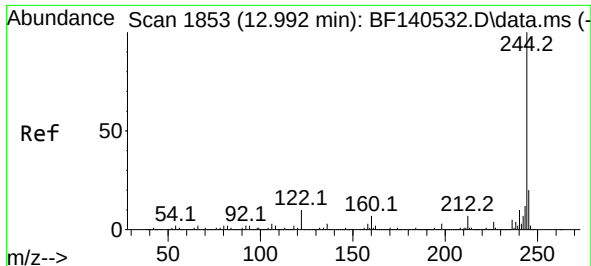
Ion Ratio Lower Upper

184 100

185 13.9 11.7 17.5

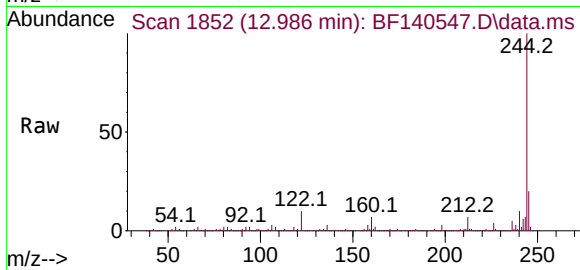
183 11.2 8.8 13.2



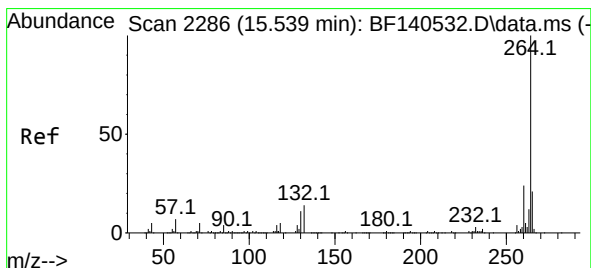
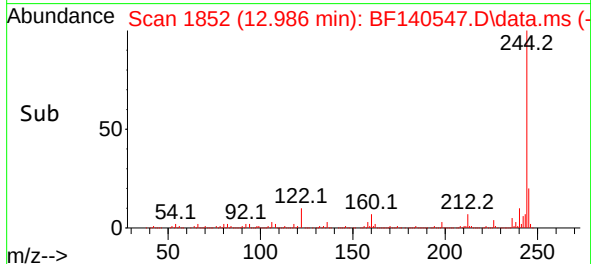
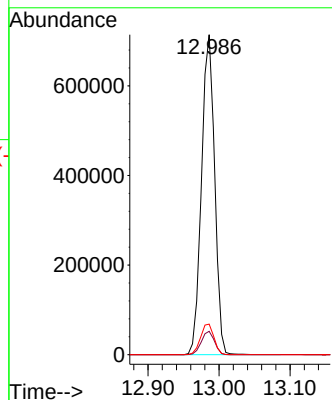


#79
Terphenyl-d14
Concen: 97.704 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Instrument :
BNA_F
ClientSampleId :
ARS520



Tgt Ion:244 Resp: 921933
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:264 Resp: 112070
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 22.3 16.6 25.0

