

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140664.D
 Acq On : 27 Nov 2024 12:45
 Operator : RC/JU
 Sample : P4938-04RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Quant Time: Nov 27 13:06:54 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)

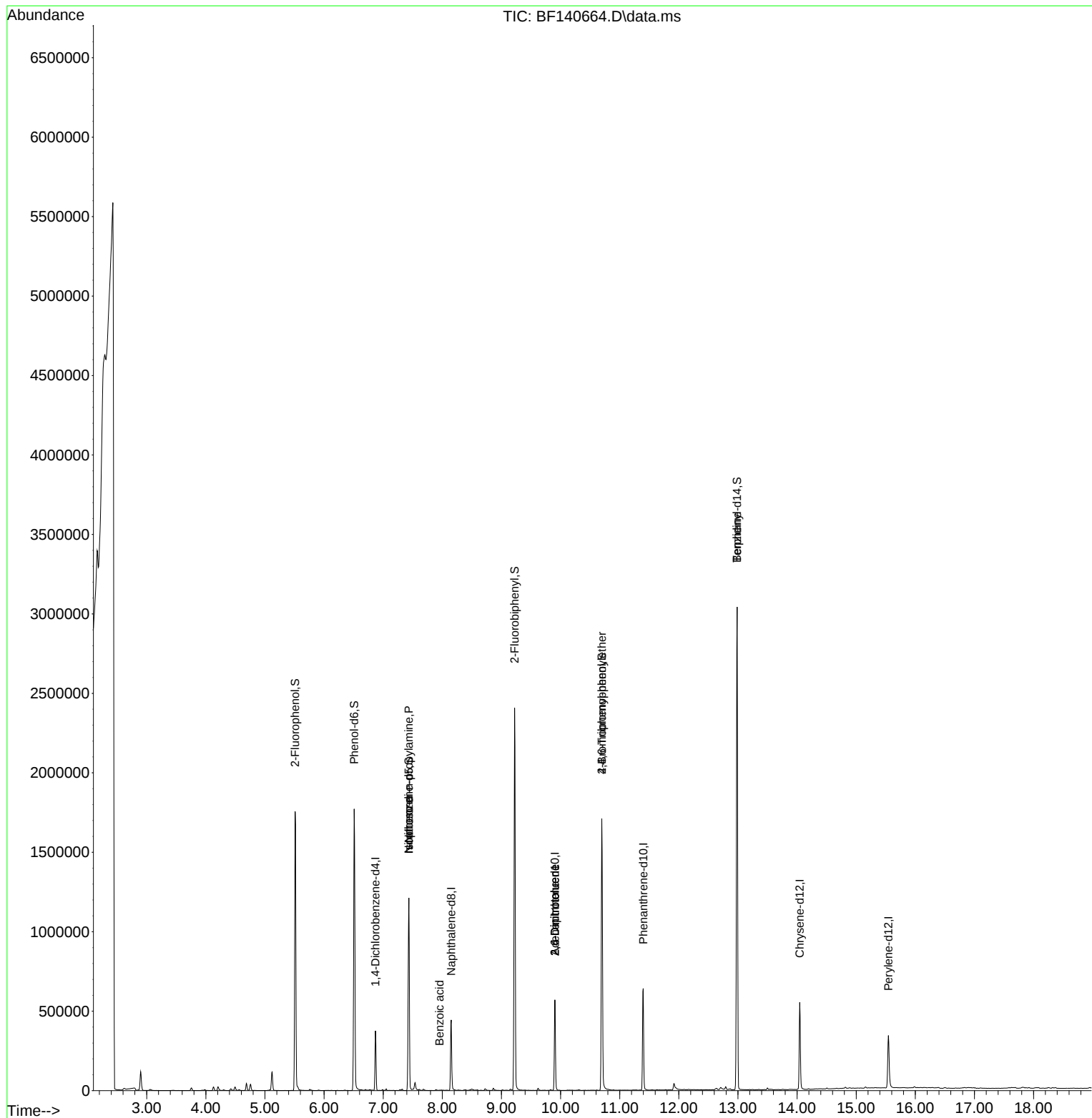
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	78972	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	301949	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	176702	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	363564	20.000	ng	0.00
76) Chrysene-d12	14.045	240	276420	20.000	ng	0.00
86) Perylene-d12	15.545	264	227099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	680747	147.077	ng	0.01
7) Phenol-d6	6.510	99	881128	143.999	ng	0.00
23) Nitrobenzene-d5	7.434	82	574194	97.269	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	317107	167.796	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1111348	93.708	ng	-0.01
79) Terphenyl-d14	12.986	244	1571465	88.524	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	77230	21.356	ng	# 75
25) Isophorone	7.434	82	564484	57.331	ng	# 66
32) Benzoic acid	7.951	122	1064	7.513	ng	# 43
51) 2,6-Dinitrotoluene	9.904	165	22167	8.399	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22167	6.319	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	19596	5.234	ng	# 1
77) Benzidine	12.986	184	20548	2.557	ng	# 93

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

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Response via : Initial Calibration

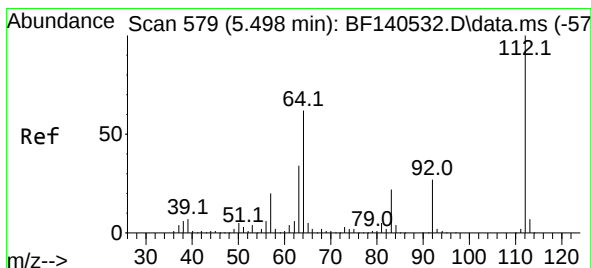
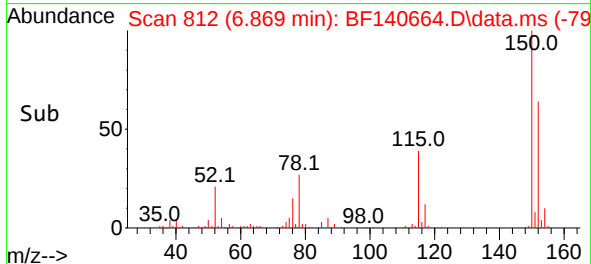
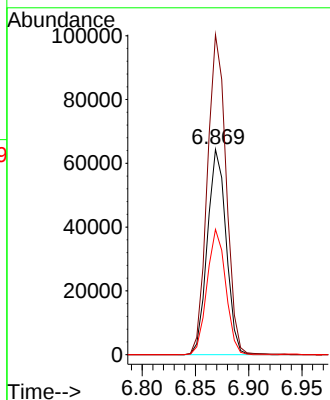
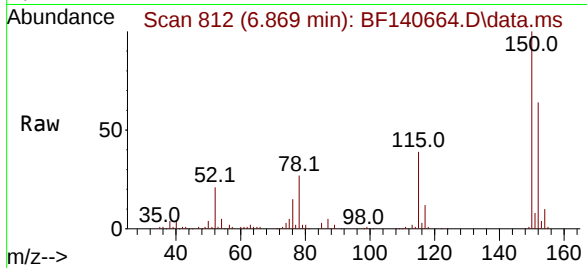




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

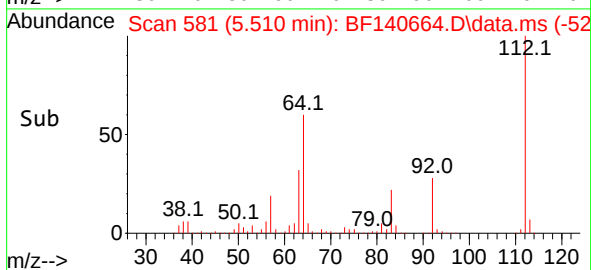
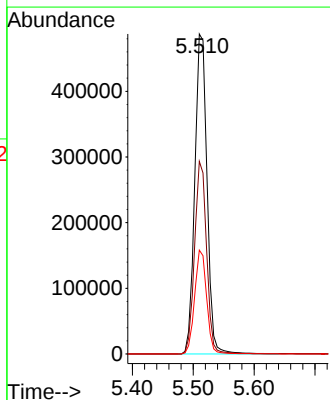
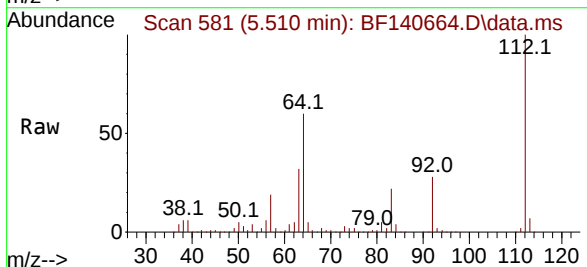
Instrument :
BNA_F
ClientSampleId :
MH-732

Tgt Ion:152 Resp: 78972
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 61.0 50.2 75.4



#5
2-Fluorophenol
Concen: 147.077 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion:112 Resp: 680747
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 32.5 27.0 40.4

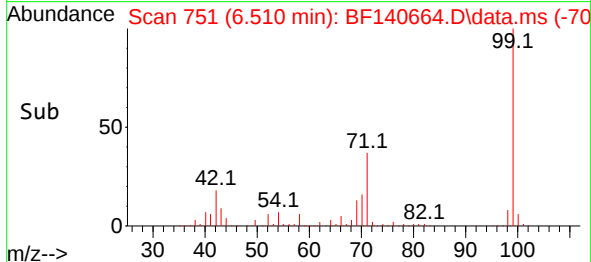
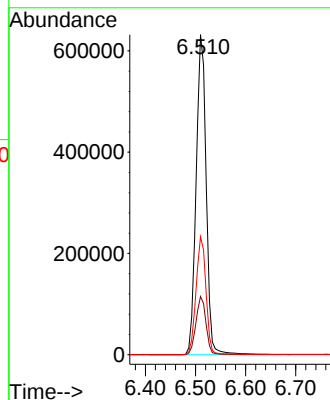
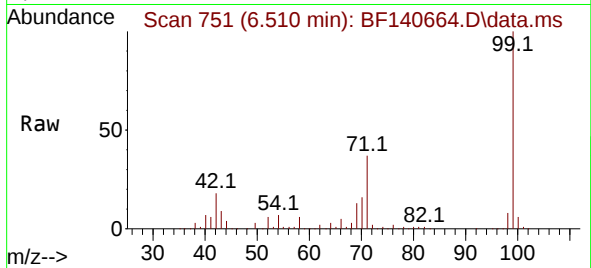




#7
Phenol-d6
Concen: 143.999 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

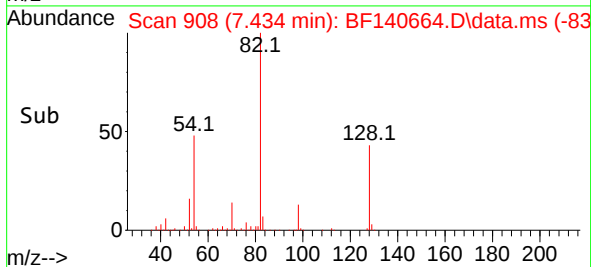
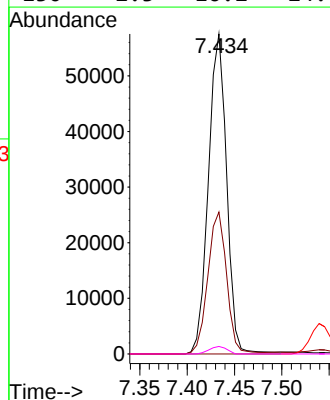
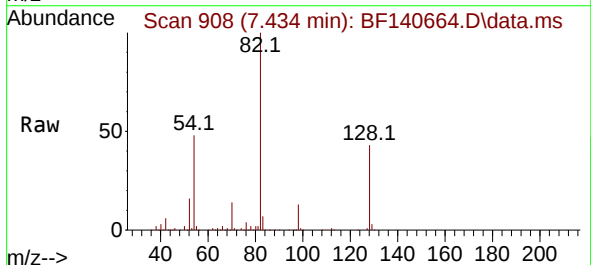
Instrument :
BNA_F
ClientSampleId :
MH-732

Tgt Ion: 99 Resp: 881128
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.356 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 70 Resp: 77230
Ion Ratio Lower Upper
70 100
42 44.3 47.6 71.4#
101 0.0 7.6 11.4#
130 2.3 16.2 24.4#

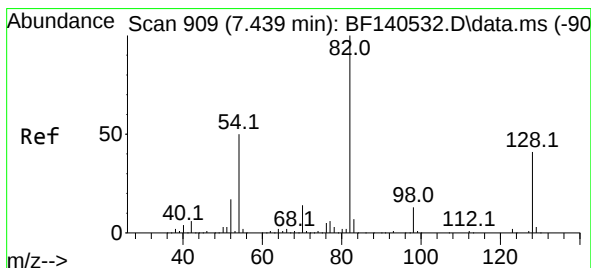
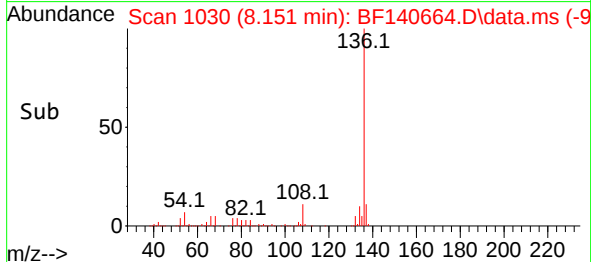
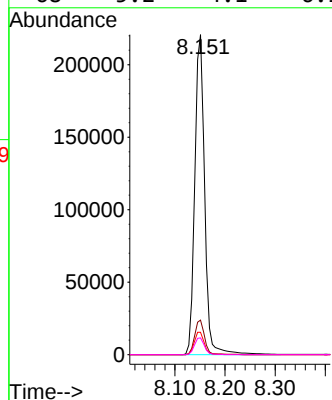
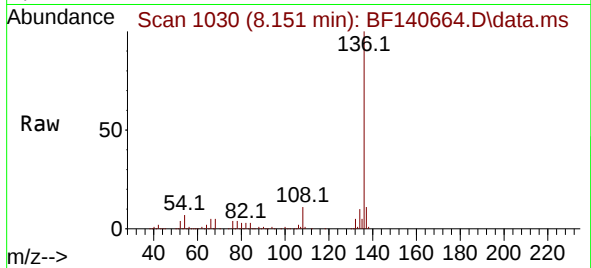




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

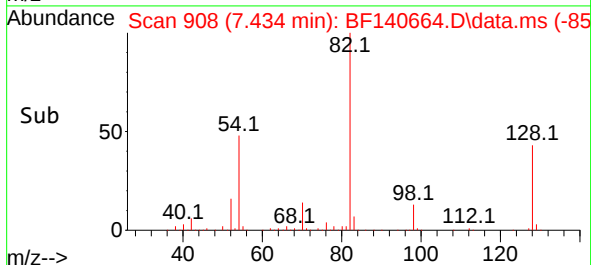
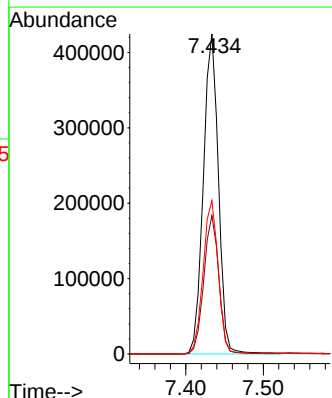
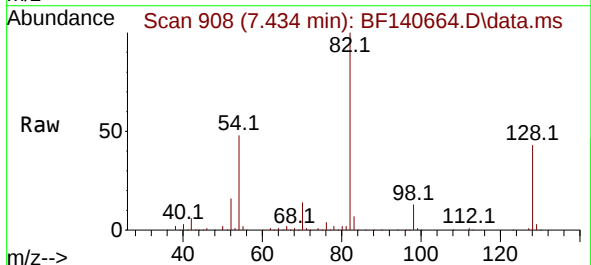
Instrument :
BNA_F
ClientSampleId :
MH-732

Tgt Ion:136	Resp: 301949
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 7.0	5.8 8.8
68 5.2	4.1 6.1



#23
Nitrobenzene-d5
Concen: 97.269 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 82	Resp: 574194
Ion Ratio	Lower Upper
82 100	
128 43.2	33.0 49.4
54 47.9	39.5 59.3

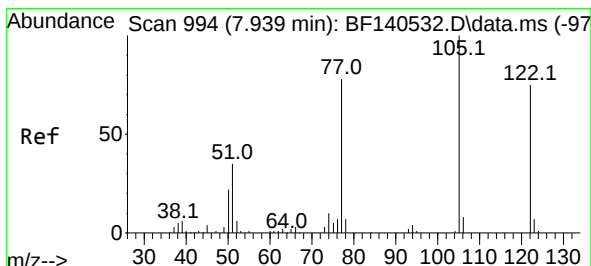
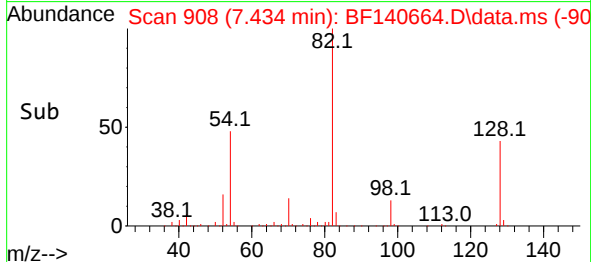
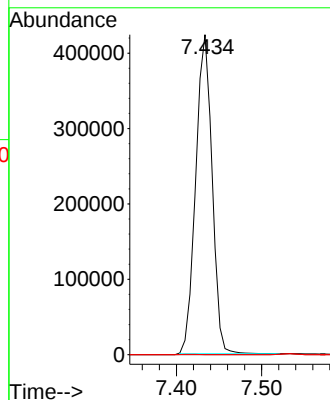
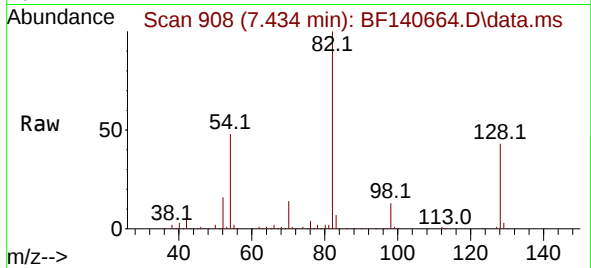




#25
Isophorone
Concen: 57.331 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

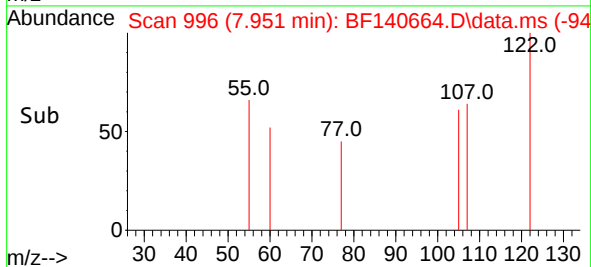
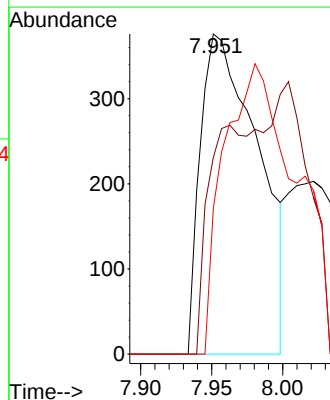
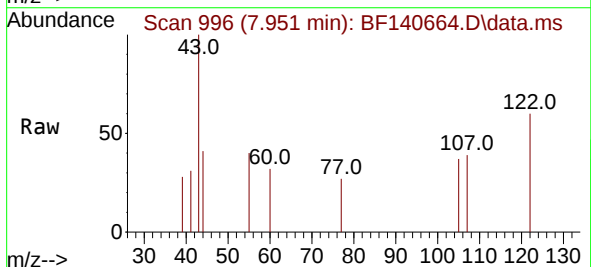
Instrument :
BNA_F
ClientSampleId :
MH-732

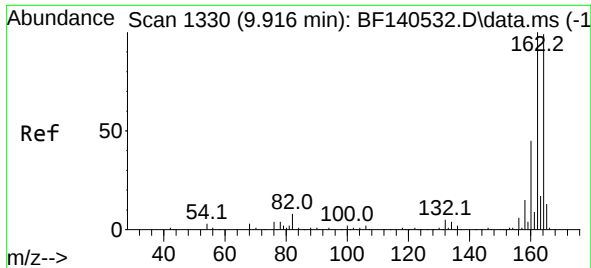
Tgt Ion: 82 Resp: 564484
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.513 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion: 122 Resp: 1064
Ion Ratio Lower Upper
122 100
105 61.4 109.3 149.3#
77 45.5 82.3 122.3#

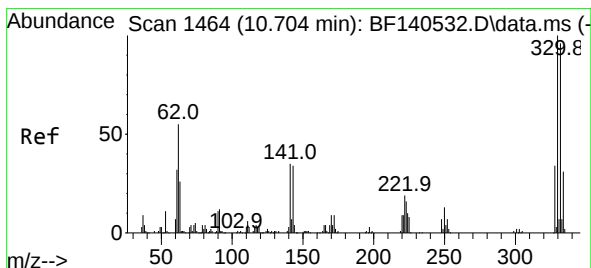
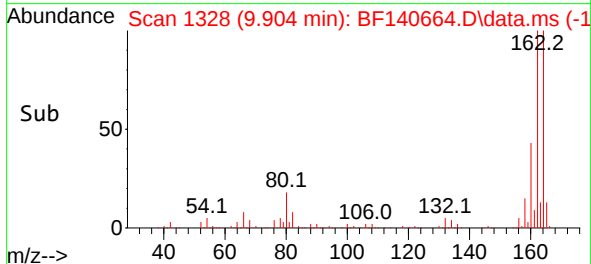
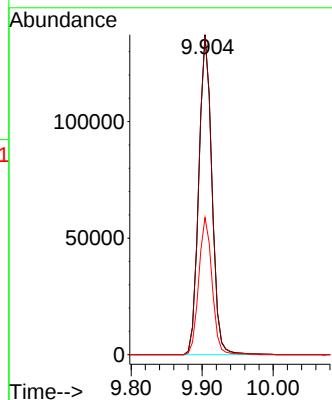
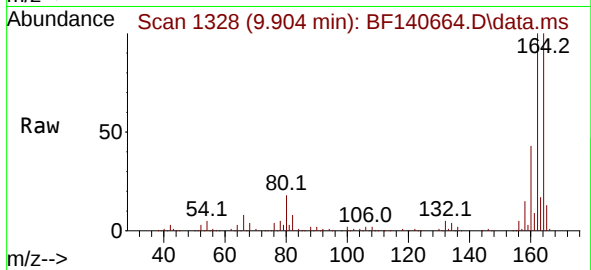




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

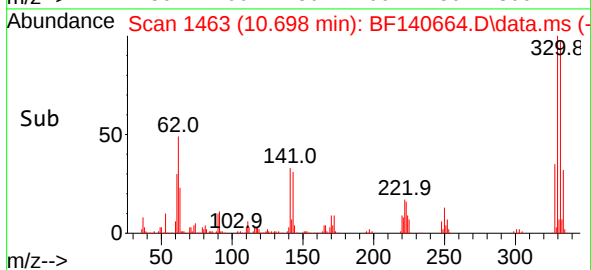
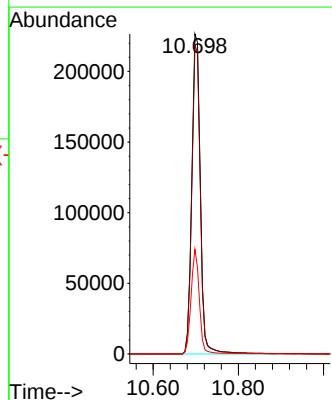
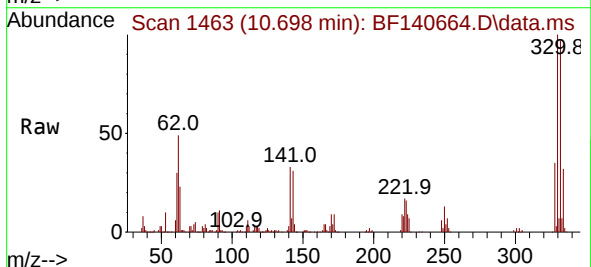
Instrument :
BNA_F
ClientSampleId :
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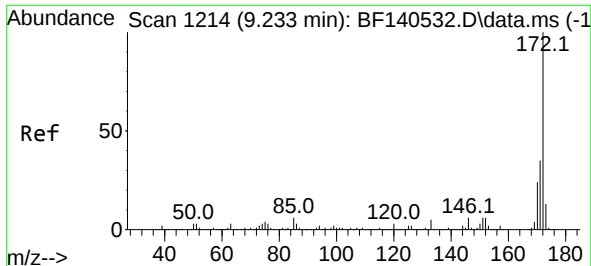
Tgt Ion:164 Resp: 176702
Ion Ratio Lower Upper
164 100
162 99.7 80.6 120.8
160 42.9 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 167.796 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion:330 Resp: 317107
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 31.7 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 93.708 ng

RT: 9.222 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140664.D

Acq: 27 Nov 2024 12:45

Instrument :

BNA_F

ClientSampleId :

MH-732

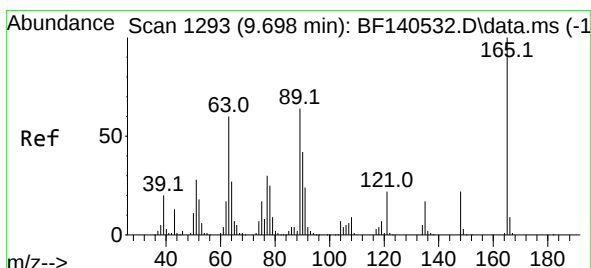
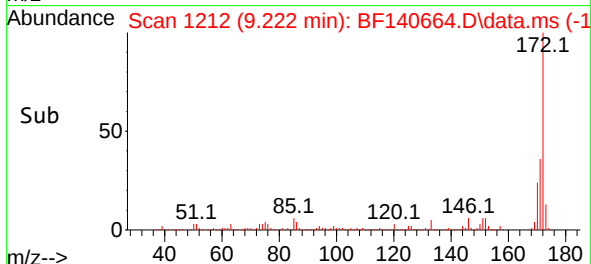
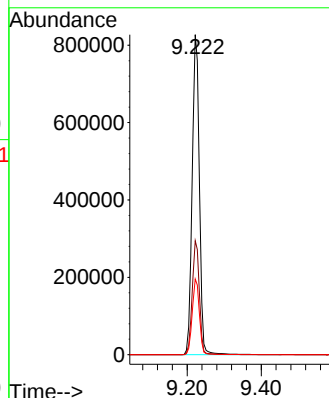
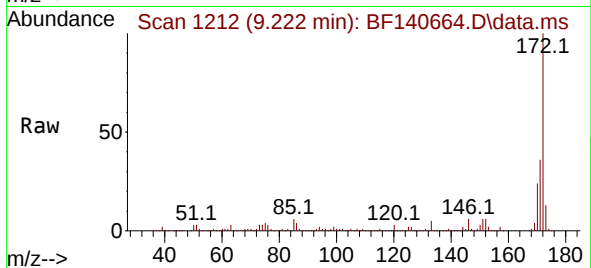
Tgt Ion:172 Resp: 1111348

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.7 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.399 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140664.D

Acq: 27 Nov 2024 12:45

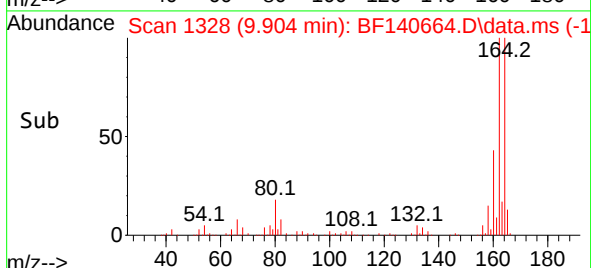
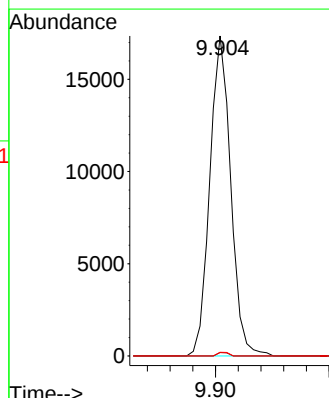
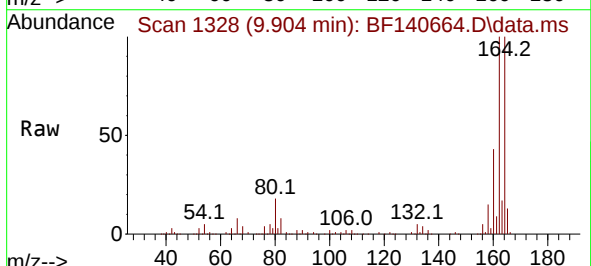
Tgt Ion:165 Resp: 22167

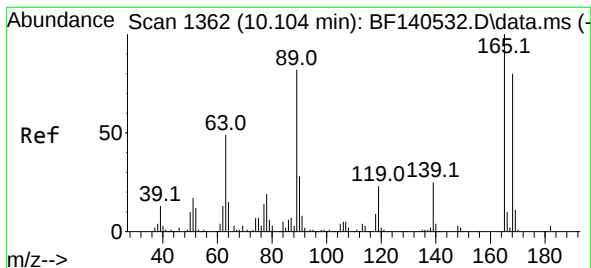
Ion Ratio Lower Upper

165 100

63 1.0 49.9 74.9#

89 1.2 50.9 76.3#

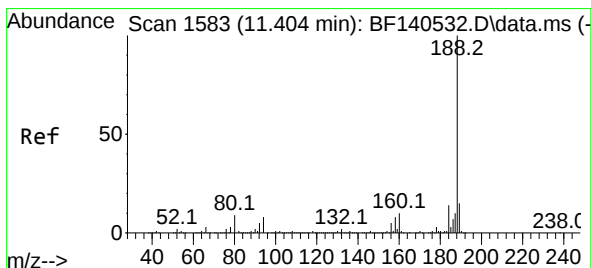
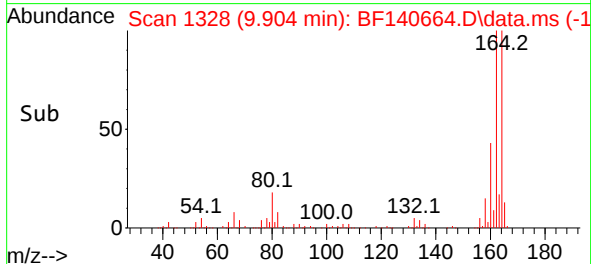
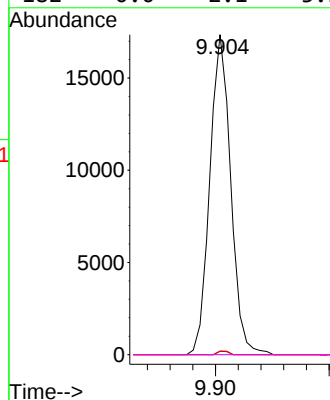
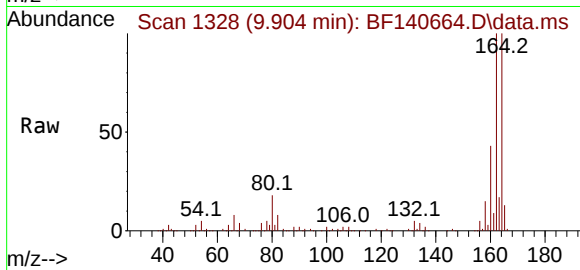




#57
2,4-Dinitrotoluene
Concen: 6.319 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

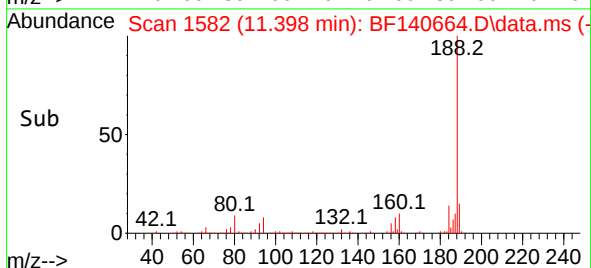
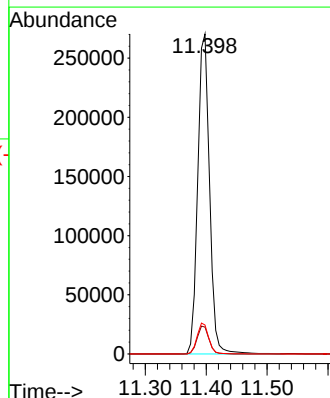
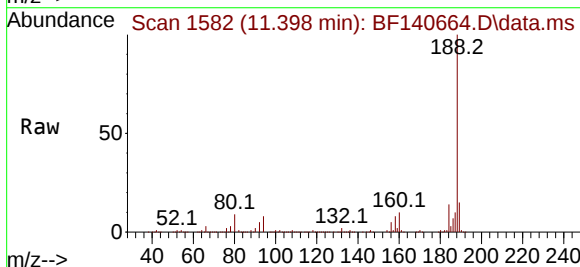
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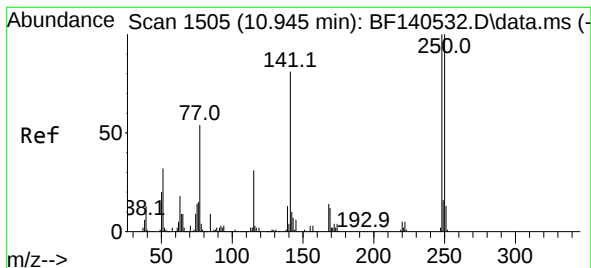
Tgt Ion:	165	Resp:	22167
Ion Ratio	Lower	Upper	
165	100		
63	1.0	41.7	62.5#
89	1.2	65.8	98.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion:	188	Resp:	363564
Ion Ratio	Lower	Upper	
188	100		
94	8.4	6.4	9.6
80	9.1	6.9	10.3

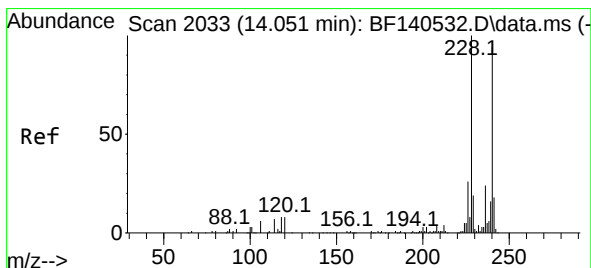
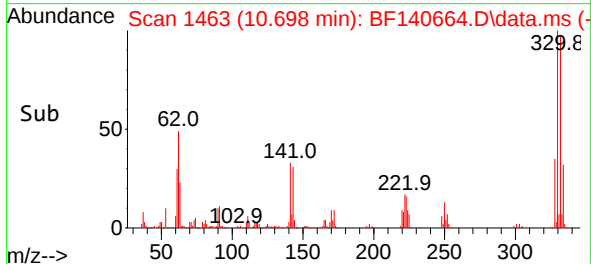
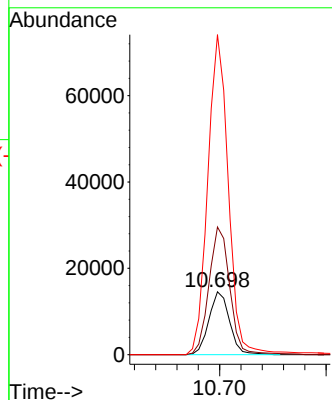
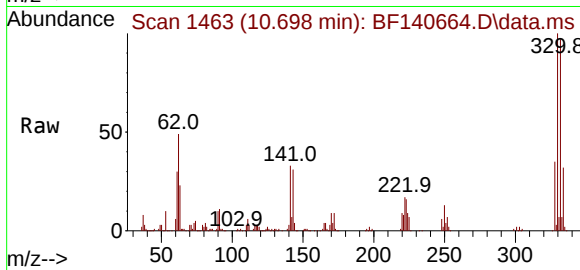




#67
4-Bromophenyl-phenylether
Concen: 5.234 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

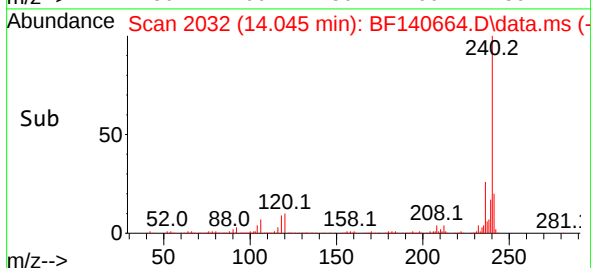
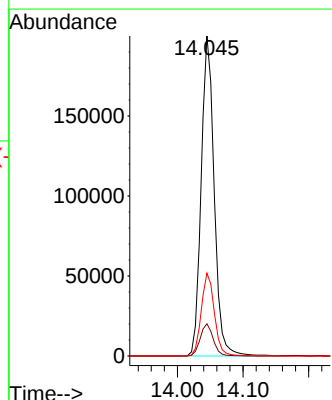
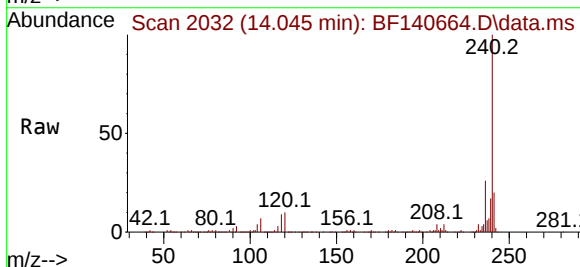
Instrument :
BNA_F
ClientSampleId :
MH-732

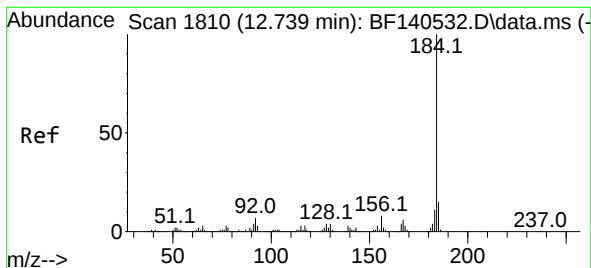
Tgt Ion:248 Resp: 19596
Ion Ratio Lower Upper
248 100
250 203.1 79.8 119.8#
141 509.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140664.D
Acq: 27 Nov 2024 12:45

Tgt Ion:240 Resp: 276420
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.9 20.6 31.0





#77

Benzidine

Concen: 2.557 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140664.D

Acq: 27 Nov 2024 12:45

Instrument :

BNA_F

ClientSampleId :

MH-732

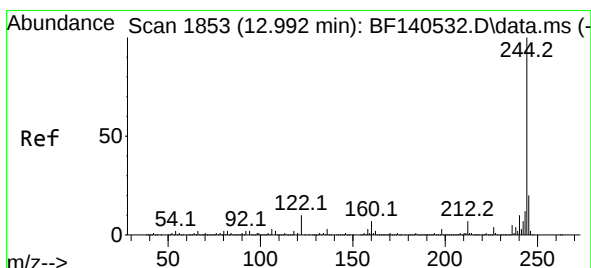
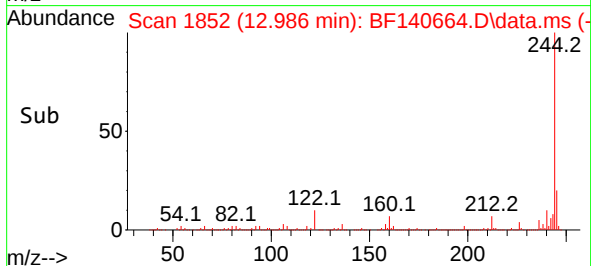
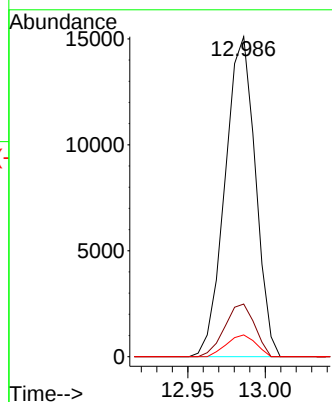
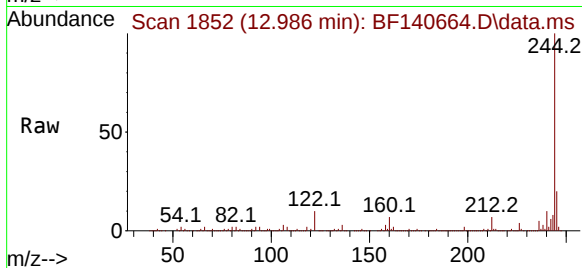
Tgt Ion:184 Resp: 20548

Ion Ratio Lower Upper

184 100

185 16.4 11.7 17.5

183 6.8 8.8 13.2#



#79

Terphenyl-d14

Concen: 88.524 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140664.D

Acq: 27 Nov 2024 12:45

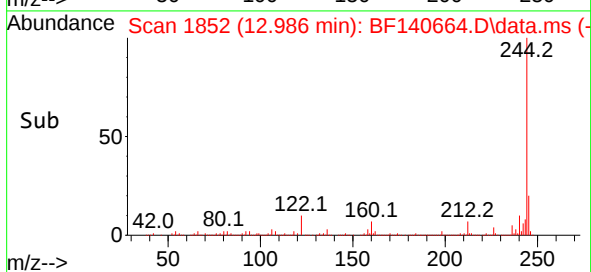
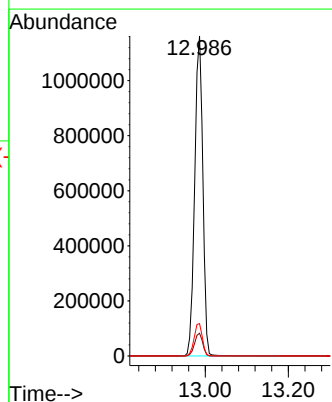
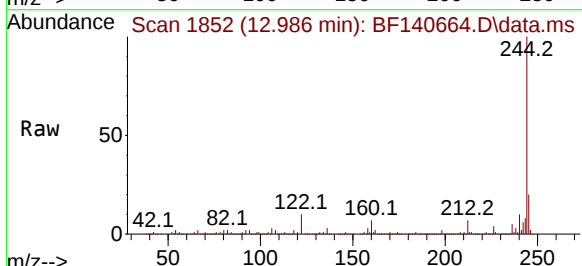
Tgt Ion:244 Resp: 1571465

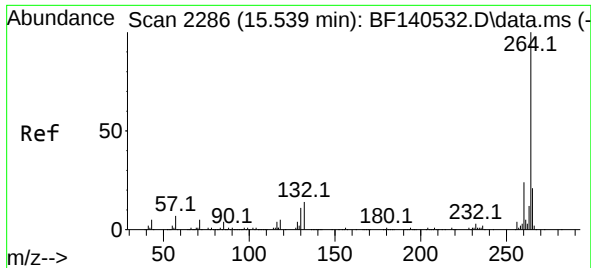
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.1 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140664.D
 Acq: 27 Nov 2024 12:45

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Tgt Ion:264 Resp: 227099
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.1 16.6 25.0

