

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140703.D
 Acq On : 03 Dec 2024 11:56
 Operator : RC/JU
 Sample : PB165312BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165312BL

Quant Time: Dec 03 15:04:13 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)

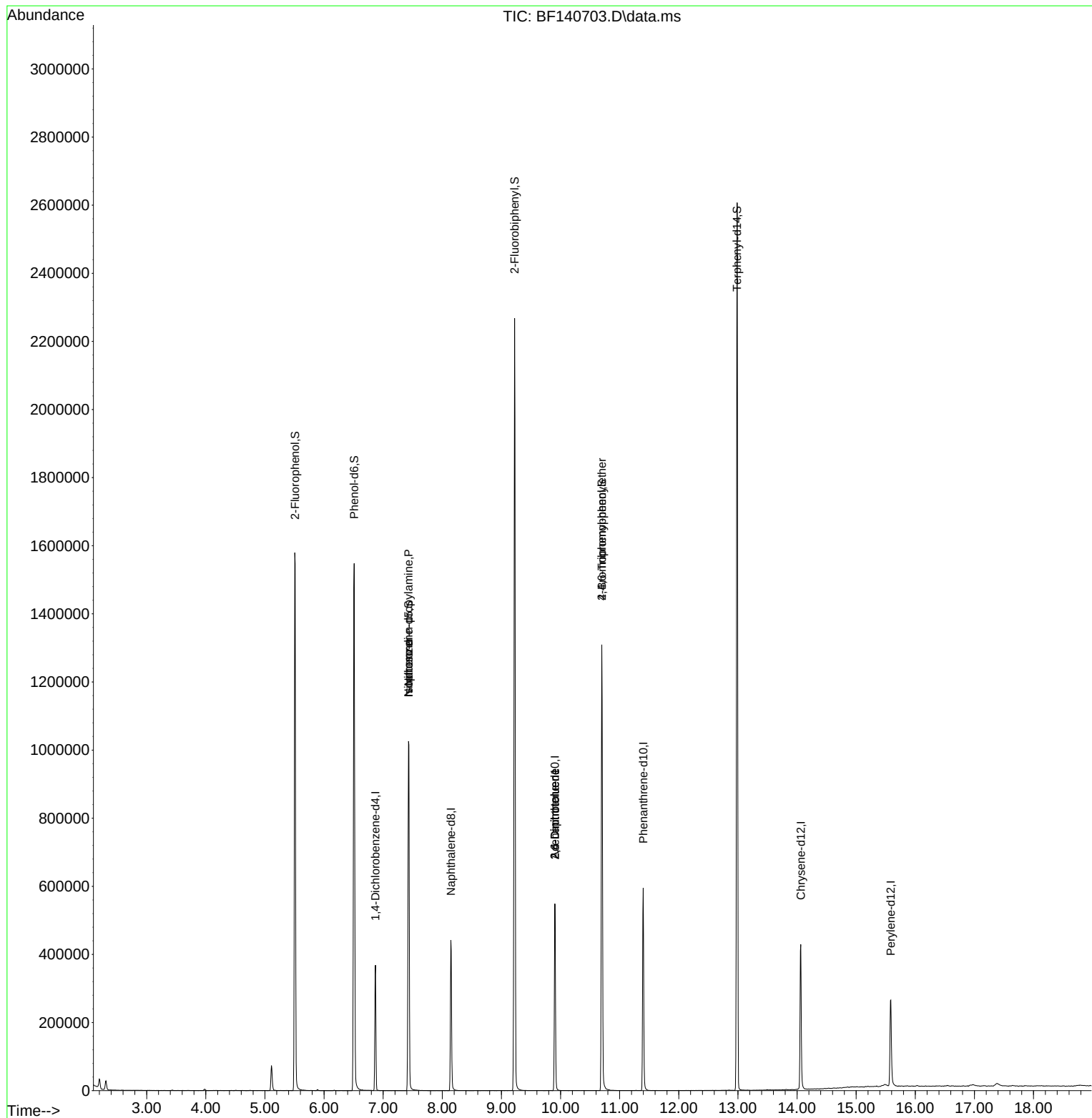
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	79681	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	306120	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	175092	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	343900	20.000	ng	0.00
76) Chrysene-d12	14.063	240	225506	20.000	ng	0.01
86) Perylene-d12	15.586	264	178705	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	617627	132.252	ng	0.01
7) Phenol-d6	6.510	99	785094	127.163	ng	0.00
23) Nitrobenzene-d5	7.428	82	518127	86.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	238269	127.238	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1062354	90.401	ng	-0.01
79) Terphenyl-d14	12.986	244	1317571	90.979	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	71004	19.460	ng	# 76
25) Isophorone	7.428	82	513943	51.487	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	22021	8.420	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	22021	6.336	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	14714	4.155	ng	# 1

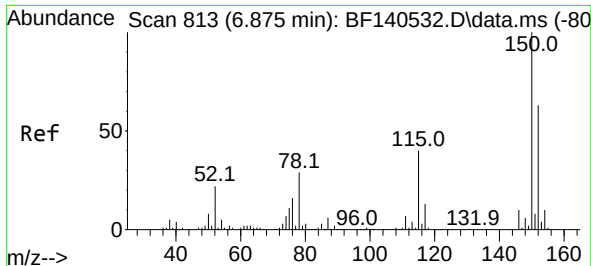
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
Data File : BF140703.D
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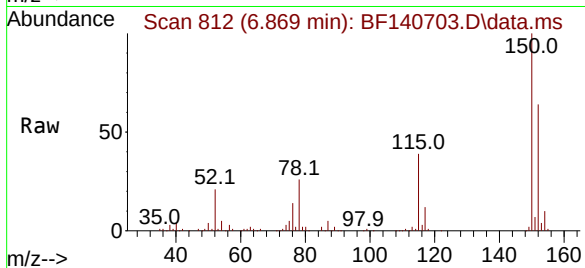
Quant Time: Dec 03 15:04:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
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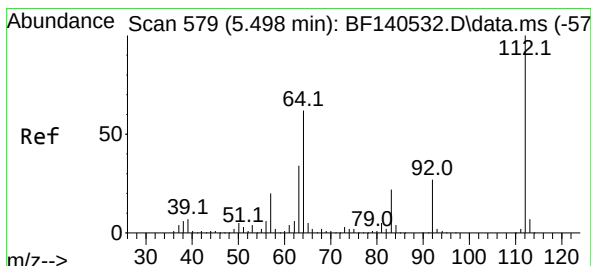
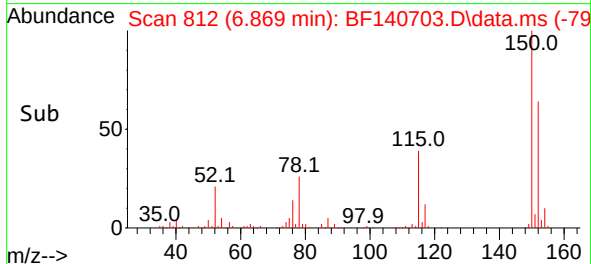
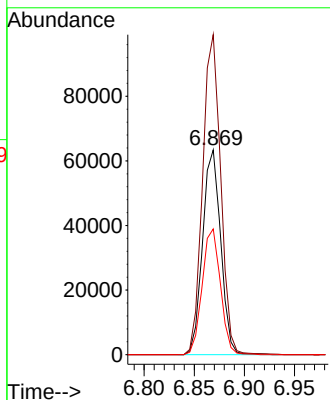


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

Instrument :
BNA_F
ClientSampleId :
PB165312BL

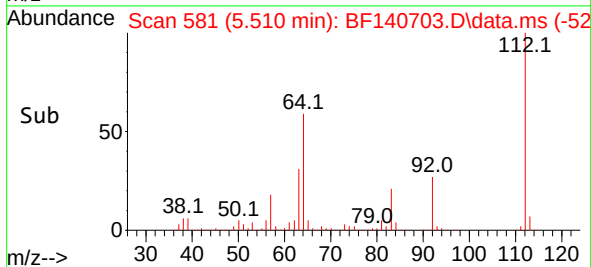
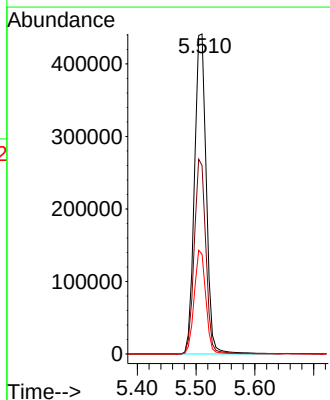
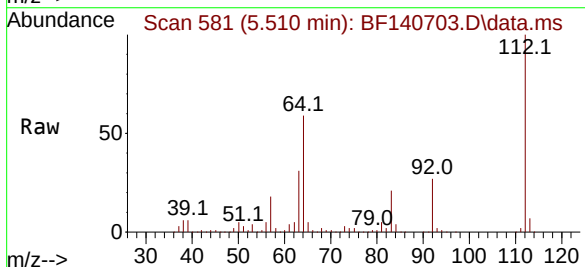


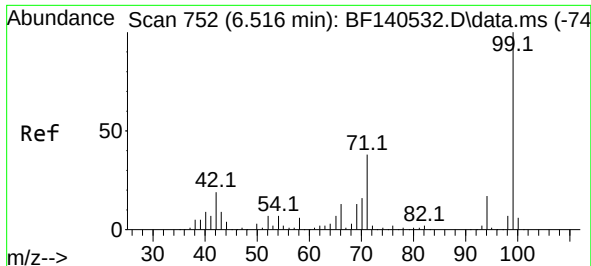
Tgt Ion:152 Resp: 79681
Ion Ratio Lower Upper
152 100
150 156.3 128.5 192.7
115 61.4 50.2 75.4



#5
2-Fluorophenol
Concen: 132.252 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

Tgt Ion:112 Resp: 617627
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.2 27.0 40.4

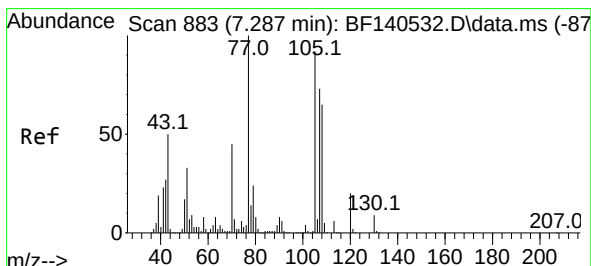
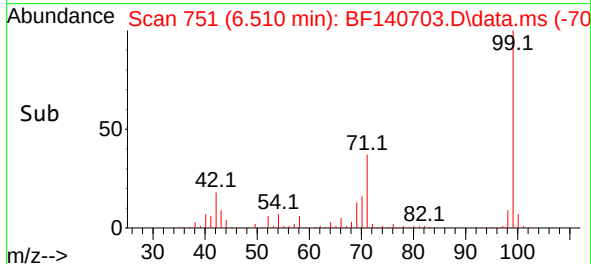
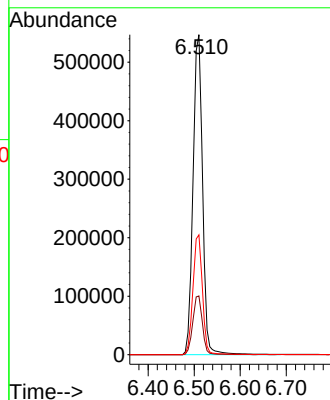
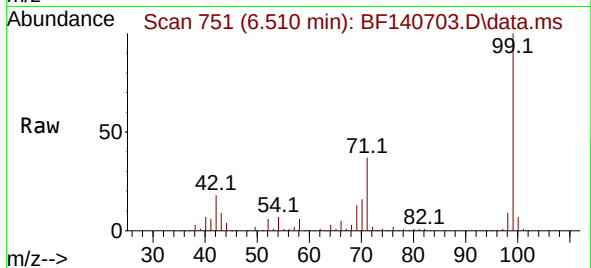




#7
Phenol-d6
Concen: 127.163 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

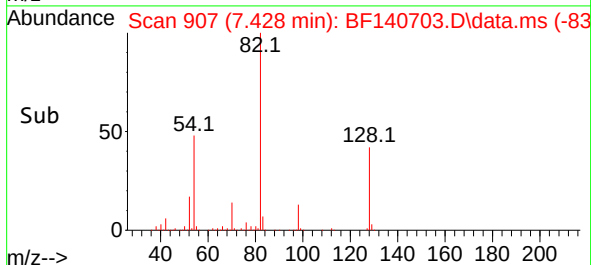
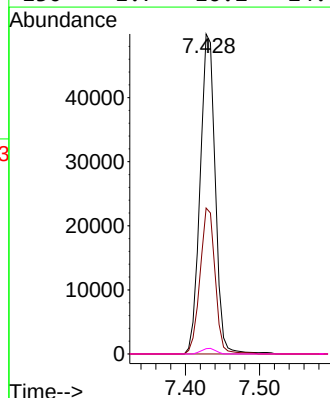
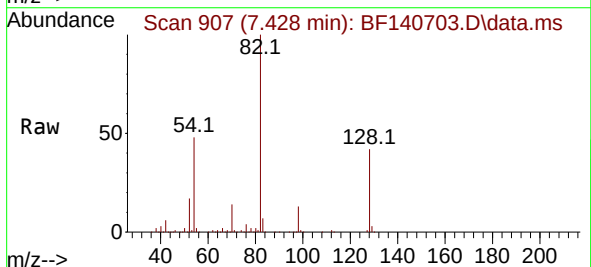
Instrument :
BNA_F
ClientSampleId :
PB165312BL

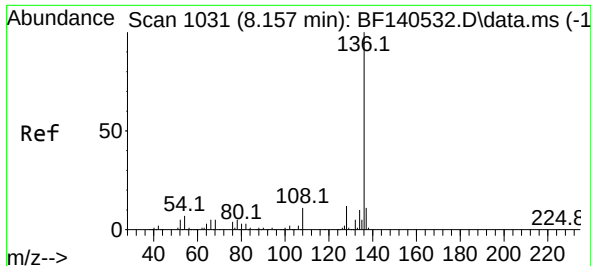
Tgt Ion: 99 Resp: 785094
Ion Ratio Lower Upper
99 100
42 18.3 15.4 23.0
71 37.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 19.460 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

Tgt Ion: 70 Resp: 71004
Ion Ratio Lower Upper
70 100
42 45.6 47.6 71.4#
101 0.0 7.6 11.4#
130 1.7 16.2 24.4#

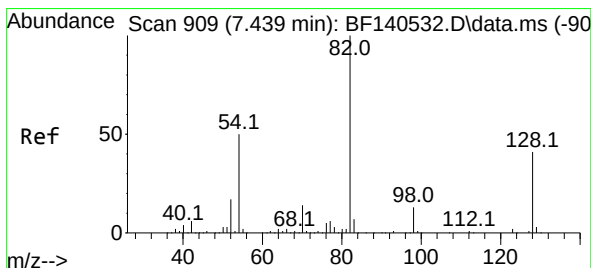
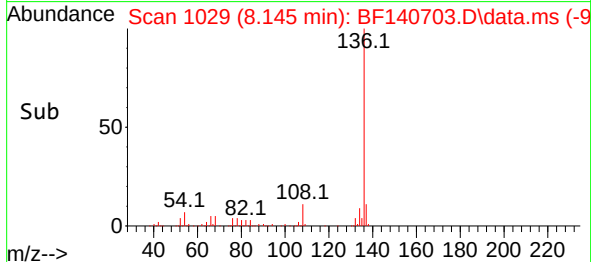
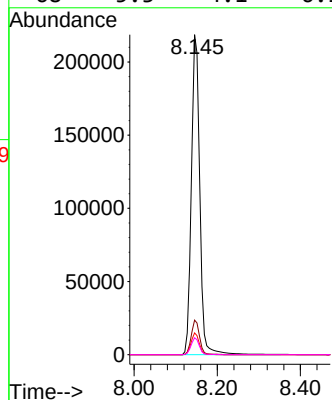
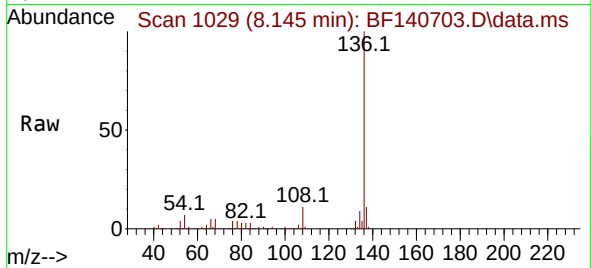




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

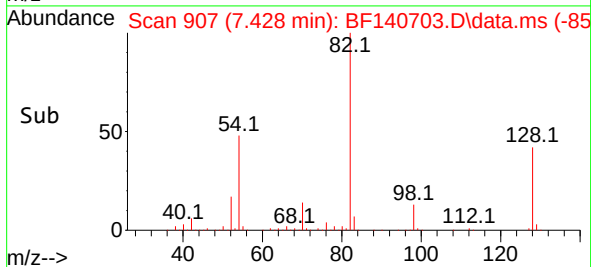
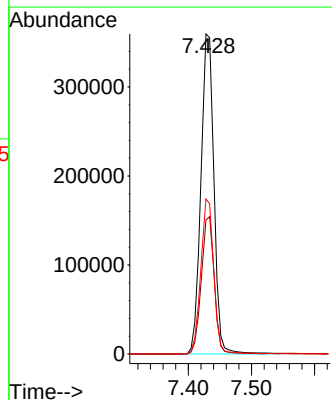
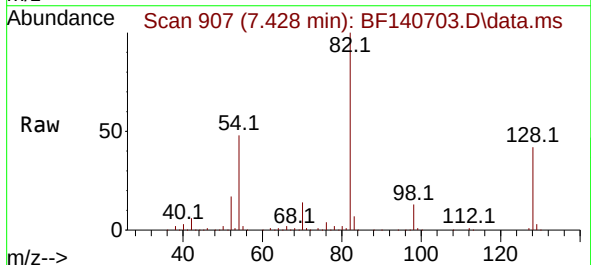
Instrument :
BNA_F
ClientSampleId :
PB165312BL

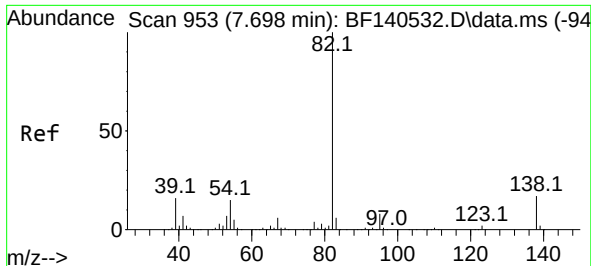
Tgt Ion:136 Resp: 306120
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.575 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

Tgt Ion: 82 Resp: 518127
Ion Ratio Lower Upper
82 100
128 41.9 33.0 49.4
54 48.5 39.5 59.3

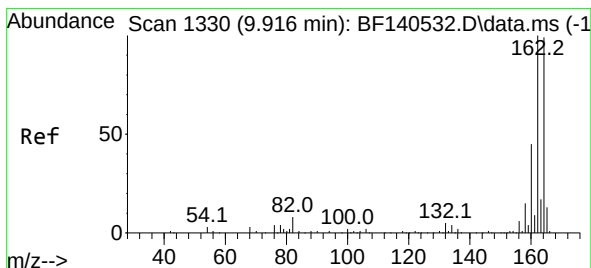
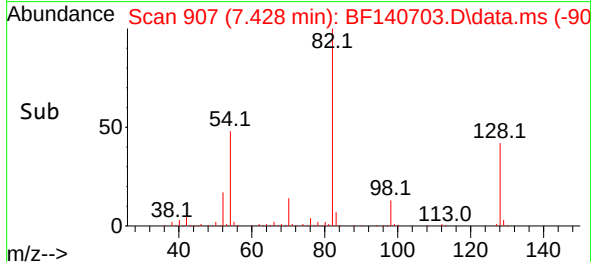
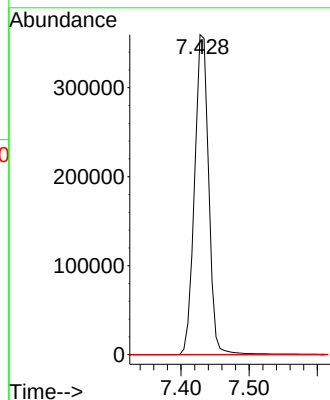
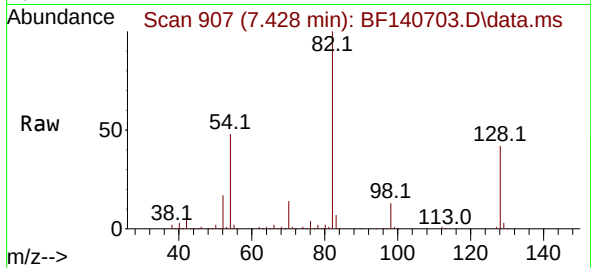




#25
Isophorone
Concen: 51.487 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

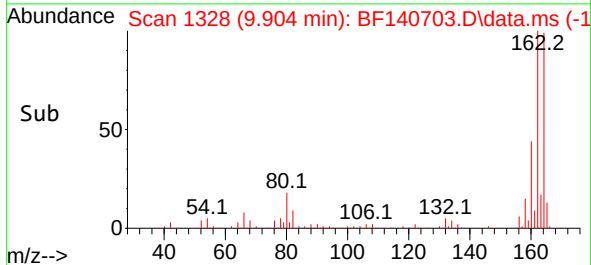
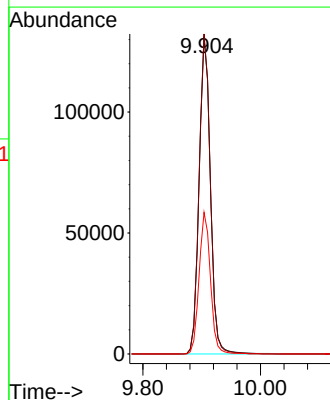
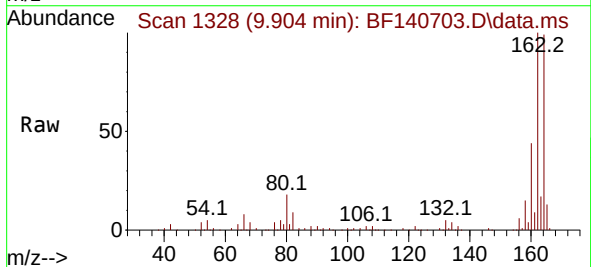
Instrument :
BNA_F
ClientSampleId :
PB165312BL

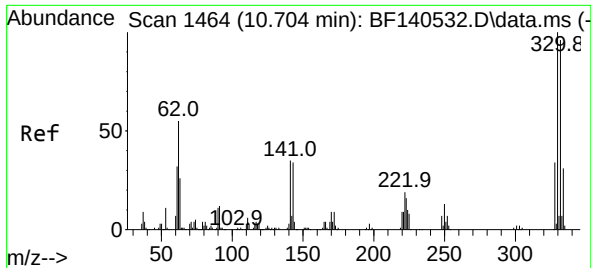
Tgt Ion: 82 Resp: 513943
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

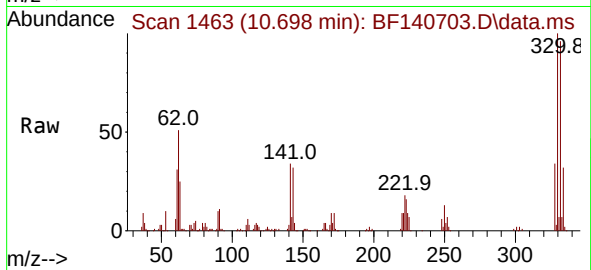
Tgt Ion: 164 Resp: 175092
Ion Ratio Lower Upper
164 100
162 100.8 80.6 120.8
160 44.6 36.2 54.4



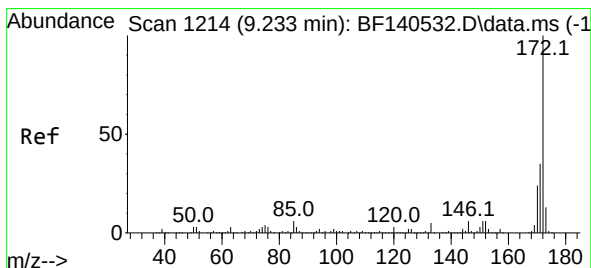
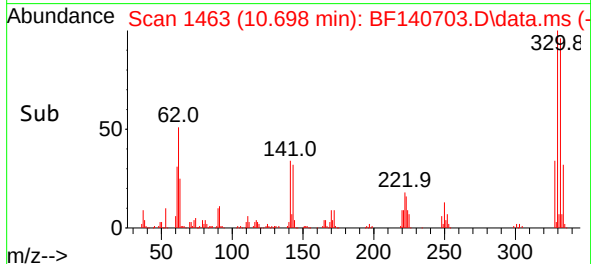
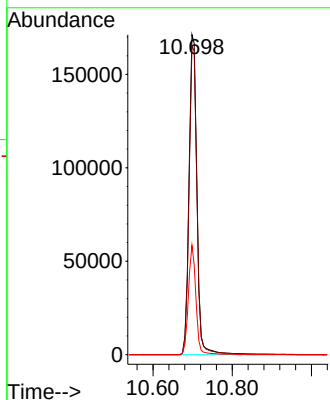


#42
2,4,6-Tribromophenol
Concen: 127.238 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

Instrument :
BNA_F
ClientSampleId :
PB165312BL

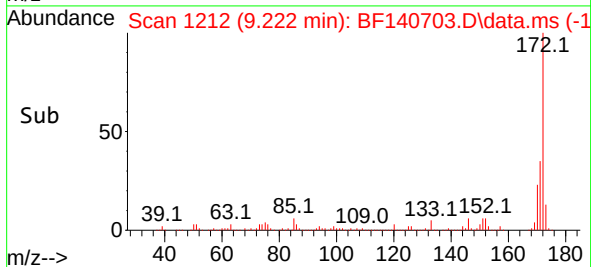
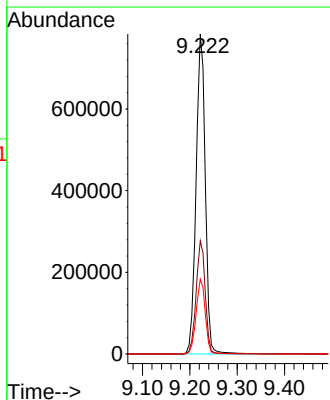
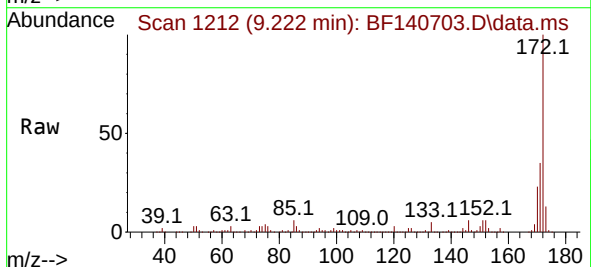


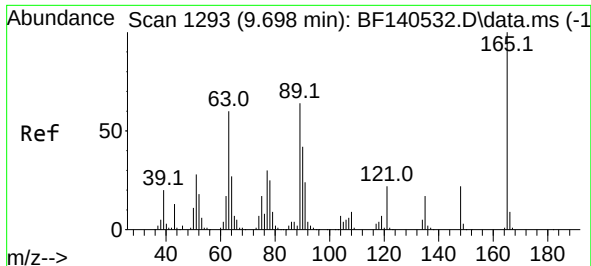
Tgt Ion:330 Resp: 238269
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 32.5 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 90.401 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

Tgt Ion:172 Resp: 1062354
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.420 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140703.D

Acq: 03 Dec 2024 11:56

Instrument :

BNA_F

ClientSampleId :

PB165312BL

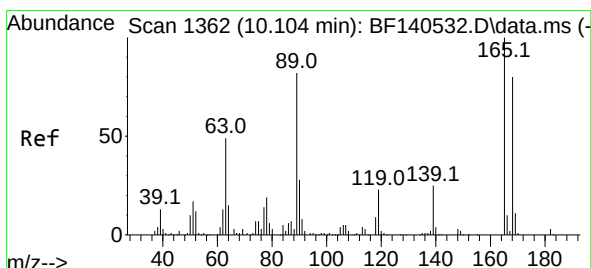
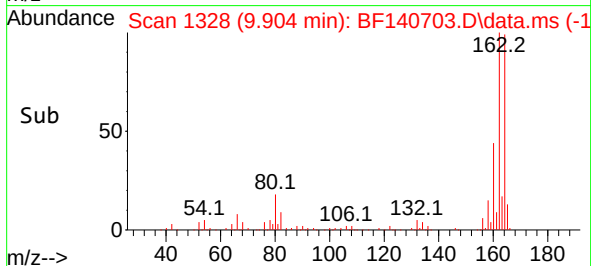
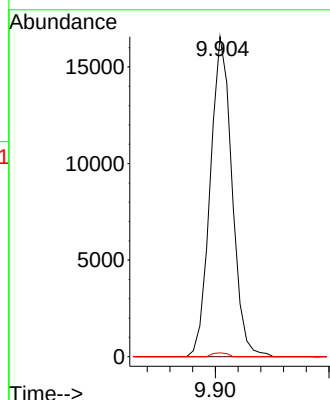
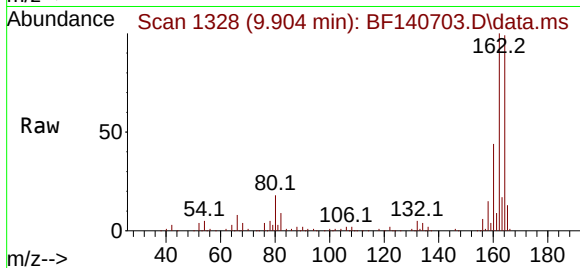
Tgt Ion:165 Resp: 22021

Ion Ratio Lower Upper

165 100

63 0.0 49.9 74.9#

89 1.2 50.9 76.3#



#57

2,4-Dinitrotoluene

Concen: 6.336 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140703.D

Acq: 03 Dec 2024 11:56

Tgt Ion:165 Resp: 22021

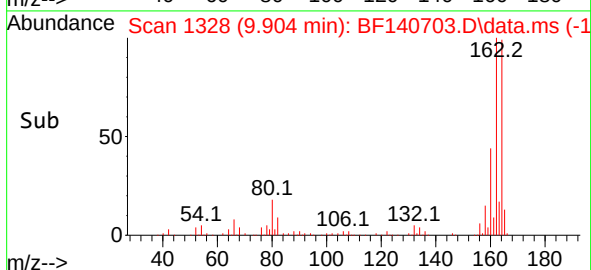
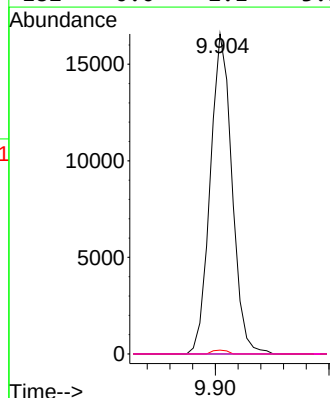
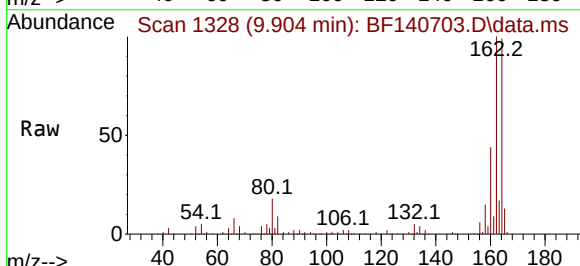
Ion Ratio Lower Upper

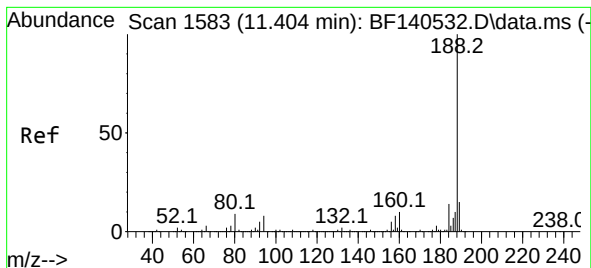
165 100

63 0.0 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# 11

Delta R.T. -0.006 min

Lab File: BF140703.D

Acq: 03 Dec 2024 11:56

Instrument :

BNA_F

ClientSampleId :

PB165312BL

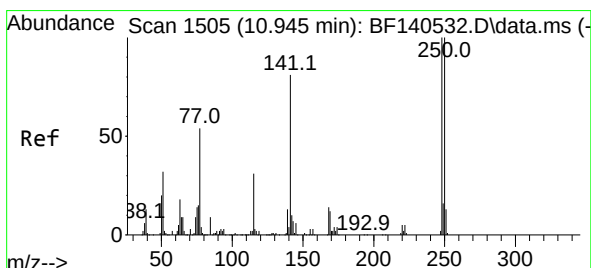
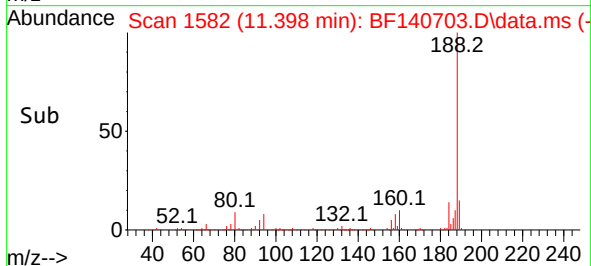
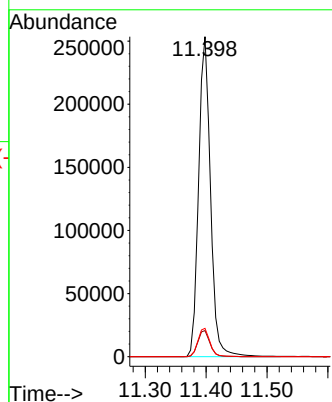
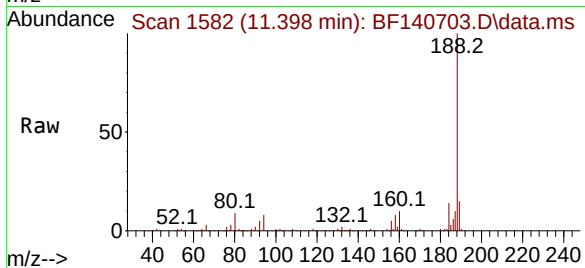
Tgt Ion:188 Resp: 343900

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.9 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 4.155 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF140703.D

Acq: 03 Dec 2024 11:56

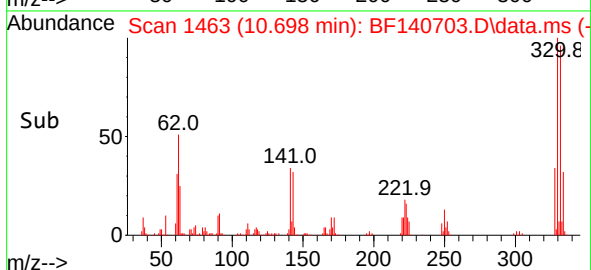
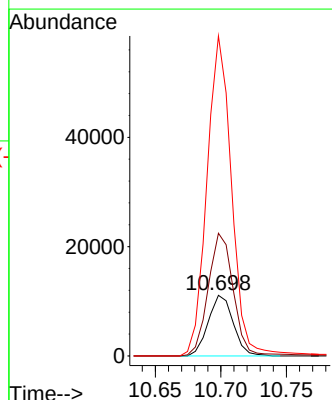
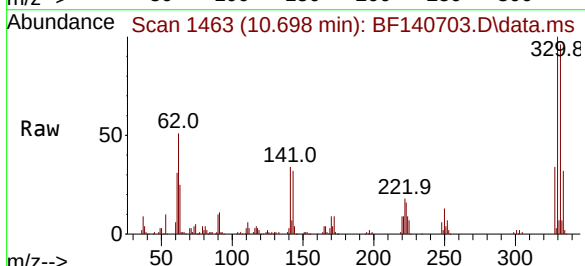
Tgt Ion:248 Resp: 14714

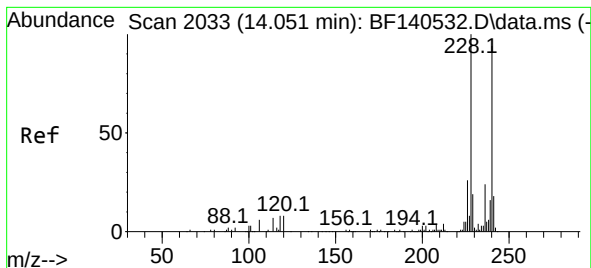
Ion Ratio Lower Upper

248 100

250 202.1 79.8 119.8#

141 527.1 64.7 97.1#

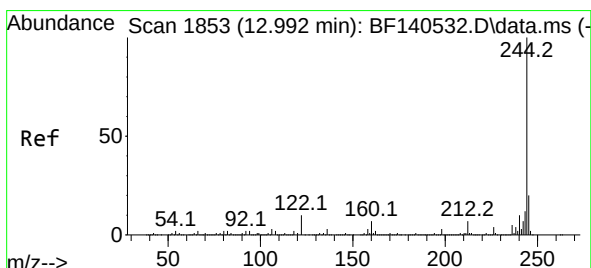
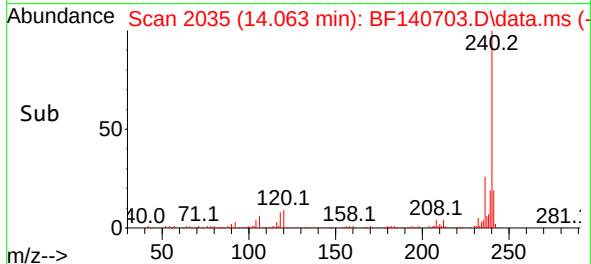
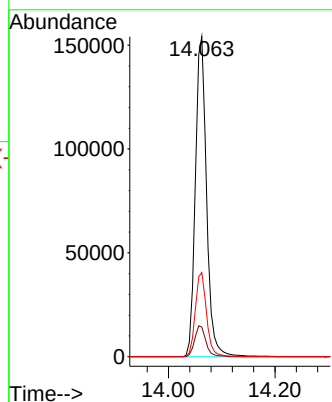
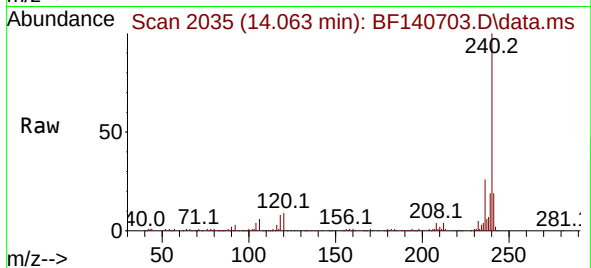




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

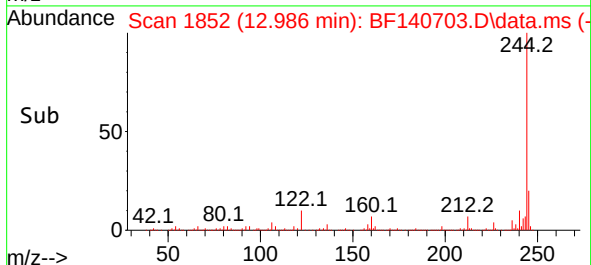
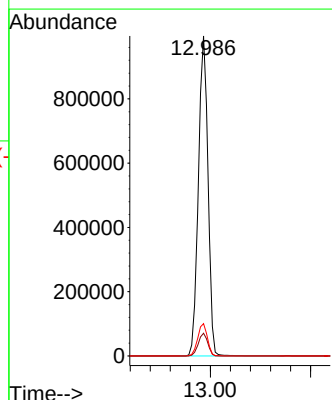
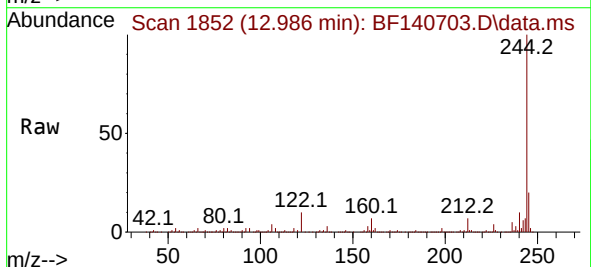
Instrument :
BNA_F
ClientSampleId :
PB165312BL

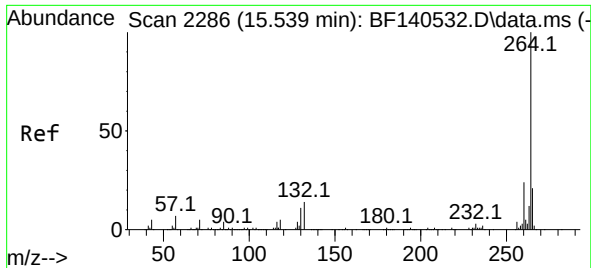
Tgt Ion:240 Resp: 225506
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.3 20.6 31.0



#79
Terphenyl-d14
Concen: 90.979 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140703.D
Acq: 03 Dec 2024 11:56

Tgt Ion:244 Resp: 1317571
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: 15.586 min Scan# 21
 Delta R.T. 0.047 min
 Lab File: BF140703.D
 Acq: 03 Dec 2024 11:56

Instrument :
 BNA_F
 ClientSampleId :
 PB165312BL

Tgt Ion:264 Resp: 178705
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.8 16.6 25.0

