

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
 Data File : BF140289.D
 Acq On : 08 Nov 2024 10:55
 Operator : RC/JU
 Sample : PB164680BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164680BL

Quant Time: Nov 08 11:37:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

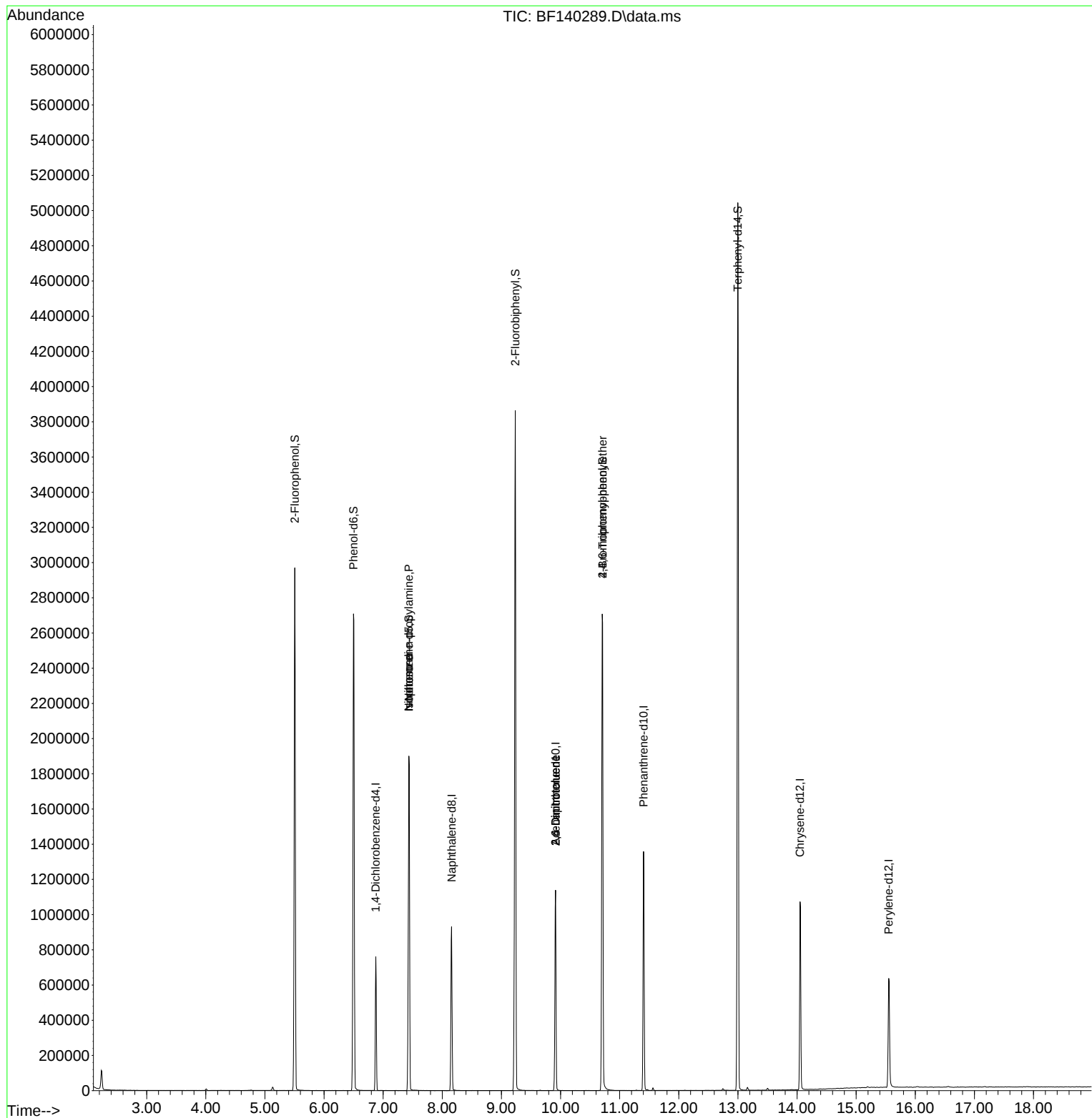
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	151320	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	591598	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	368591	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	737164	20.000	ng	0.00
76) Chrysene-d12	14.051	240	536164	20.000	ng	-0.01
86) Perylene-d12	15.551	264	403684	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1114229	122.027	ng	0.01
7) Phenol-d6	6.498	99	1387815	118.165	ng	0.00
23) Nitrobenzene-d5	7.434	82	943287	79.275	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	533009	146.297	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1838351	79.641	ng	0.00
79) Terphenyl-d14	12.998	244	2657853	81.205	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	128616	17.166	ng	# 76
25) Isophorone	7.434	82	929578	45.371	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	48371	9.065	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	48371	6.986	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	34537	4.351	ng	# 1

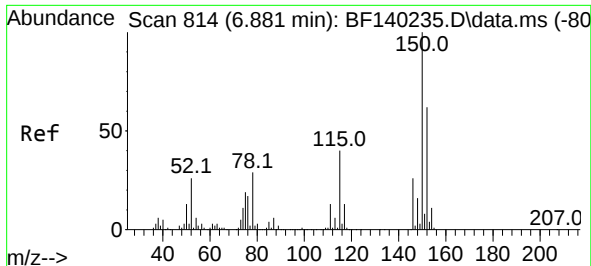
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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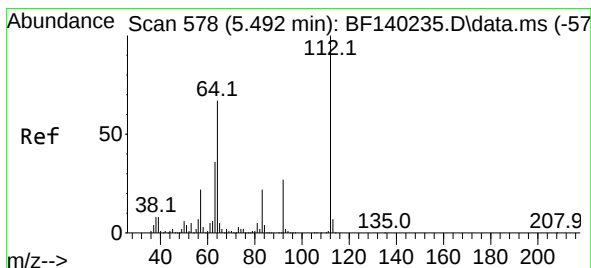
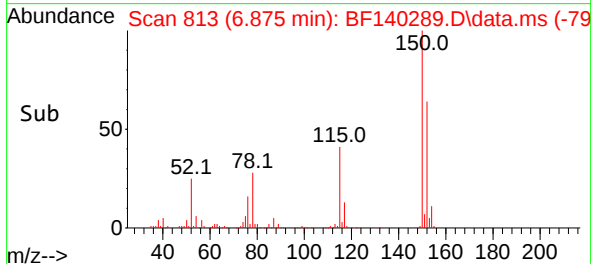
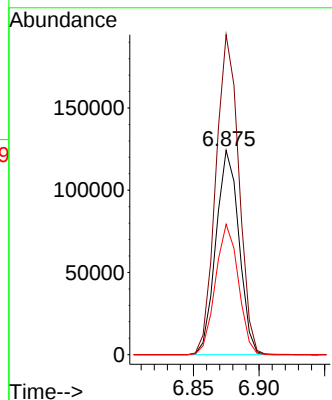
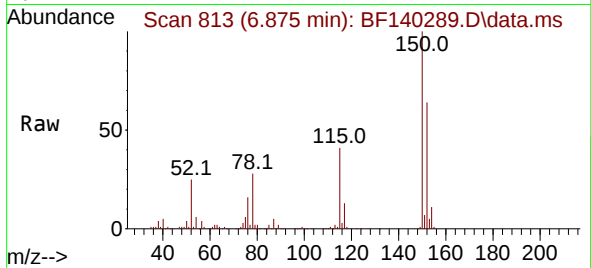




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

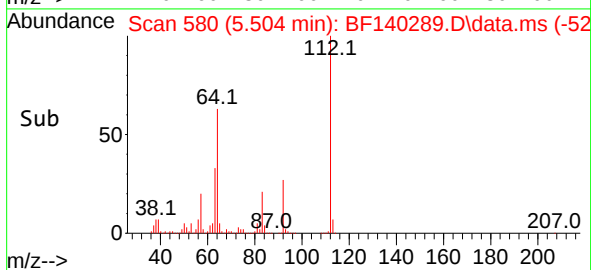
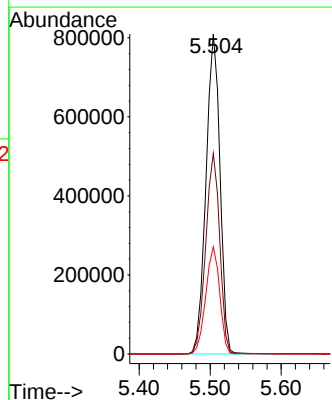
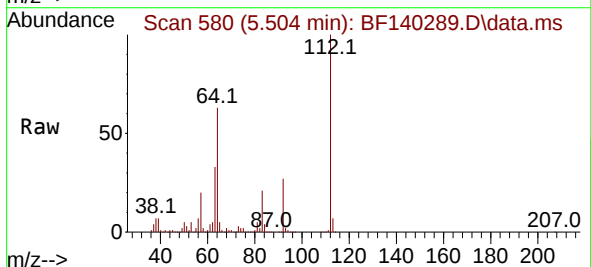
Instrument :
BNA_F
ClientSampleId :
PB164680BL

Tgt Ion:152 Resp: 151320
Ion Ratio Lower Upper
152 100
150 156.7 129.4 194.2
115 63.8 51.5 77.3



#5
2-Fluorophenol
Concen: 122.027 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

Tgt Ion:112 Resp: 1114229
Ion Ratio Lower Upper
112 100
64 62.7 53.4 80.2
63 33.4 28.9 43.3

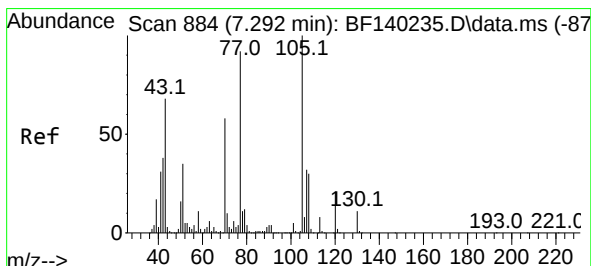
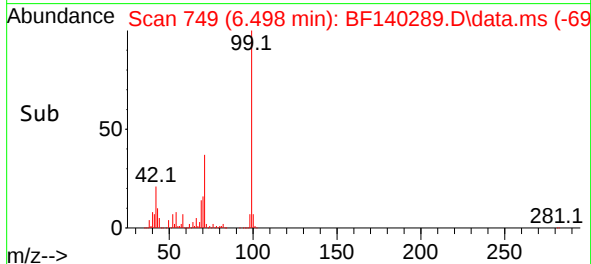
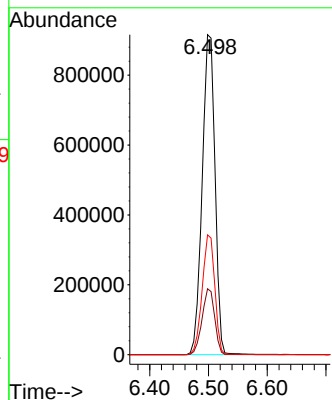
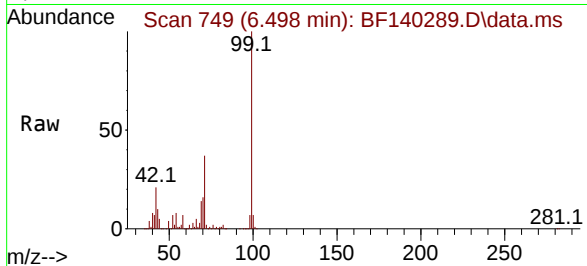




#7
Phenol-d6
Concen: 118.165 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

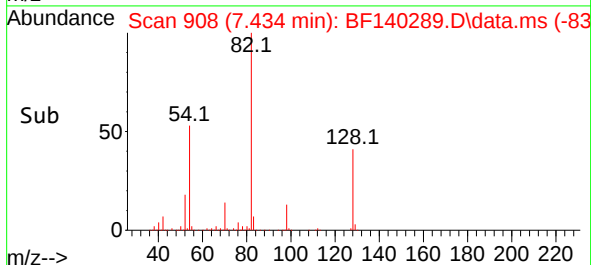
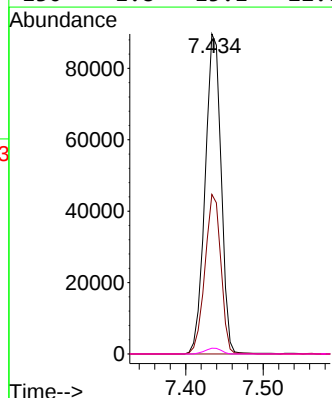
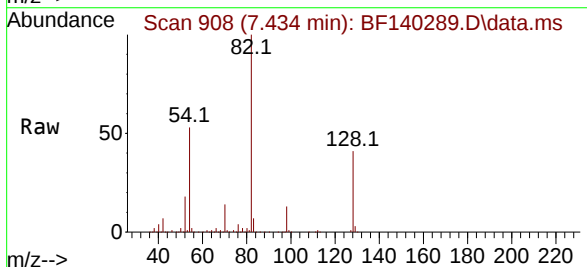
Instrument :
BNA_F
ClientSampleId :
PB164680BL

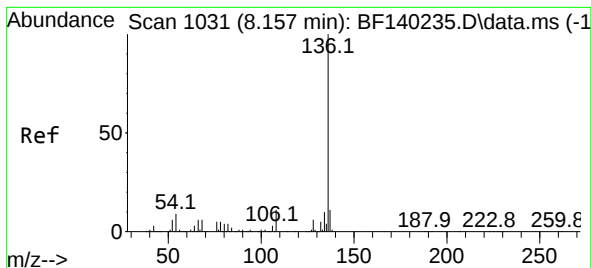
Tgt Ion: 99 Resp: 1387815
Ion Ratio Lower Upper
99 100
42 20.6 18.2 27.2
71 37.4 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.166 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

Tgt Ion: 70 Resp: 128616
Ion Ratio Lower Upper
70 100
42 49.8 52.8 79.2#
101 0.0 7.4 11.2#
130 1.8 15.1 22.7#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1031

Delta R.T. 0.000 min

Lab File: BF140289.D

Acq: 08 Nov 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB164680BL

Tgt Ion:136 Resp: 591598

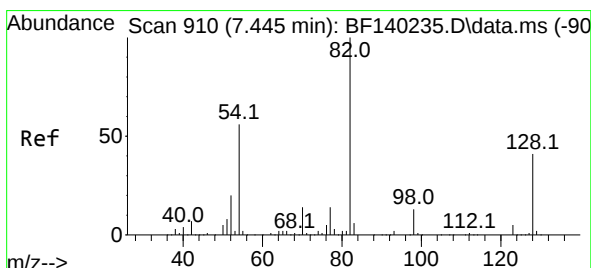
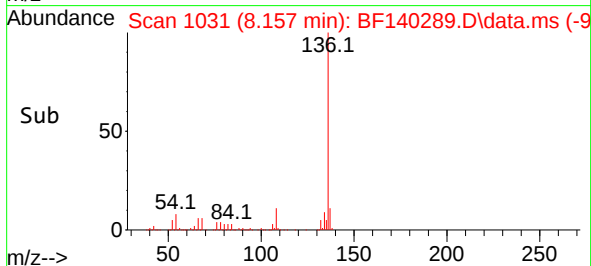
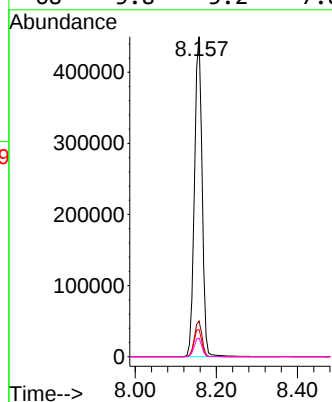
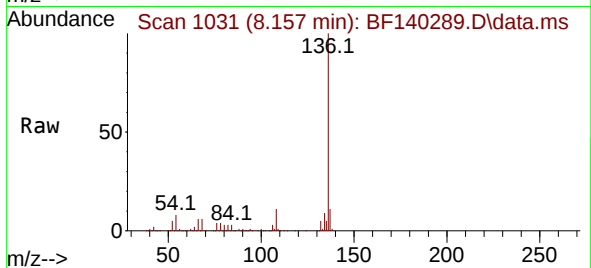
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.5 7.7 11.5

68 5.8 5.2 7.8



#23

Nitrobenzene-d5

Concen: 79.275 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF140289.D

Acq: 08 Nov 2024 10:55

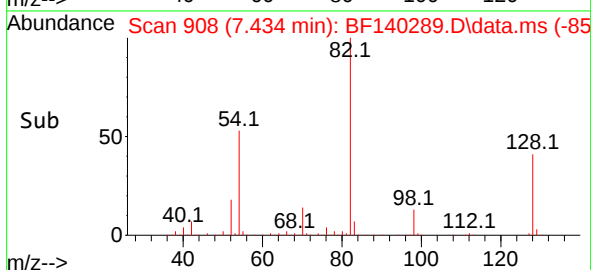
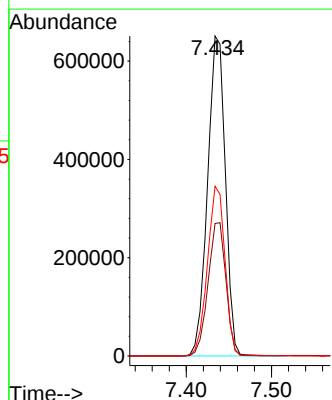
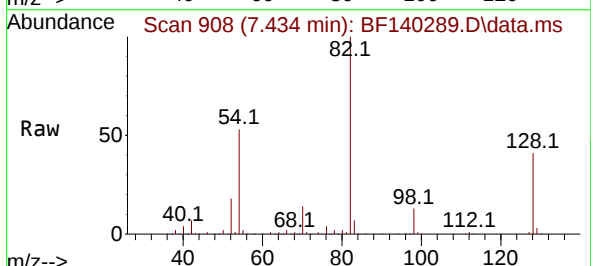
Tgt Ion: 82 Resp: 943287

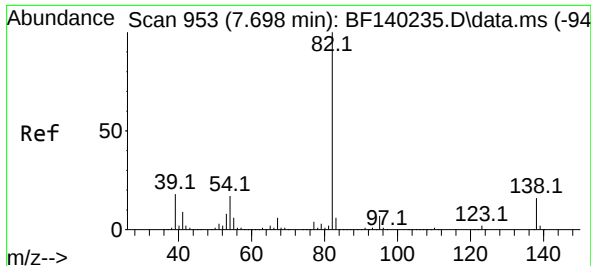
Ion Ratio Lower Upper

82 100

128 41.4 32.8 49.2

54 53.0 44.3 66.5

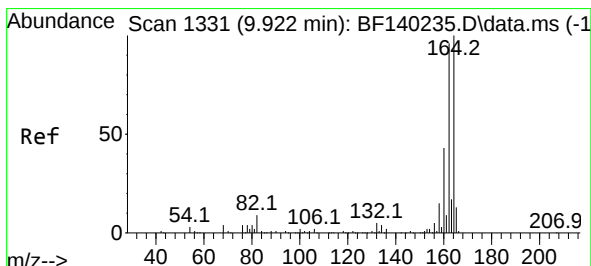
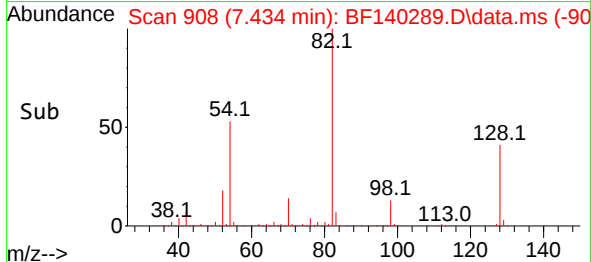
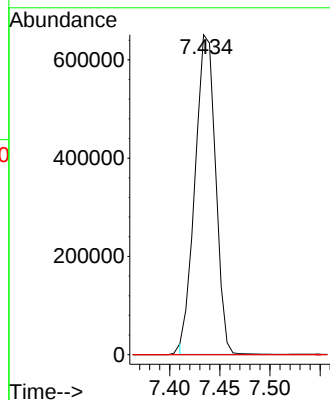
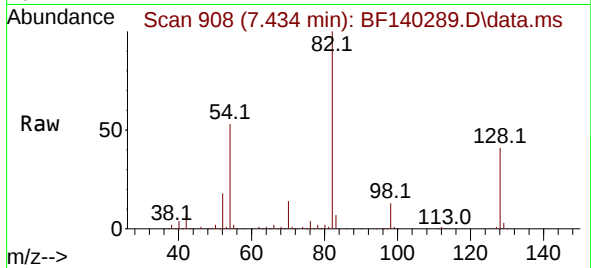




#25
Isophorone
Concen: 45.371 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

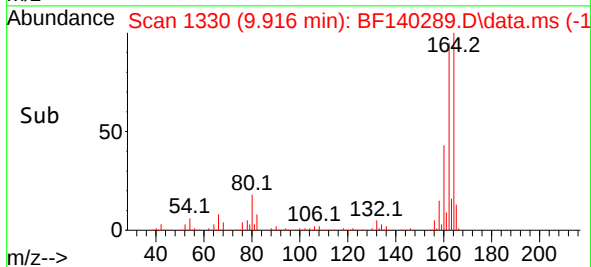
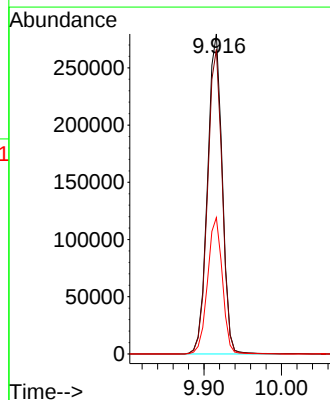
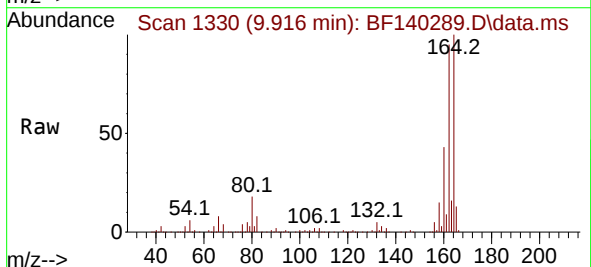
Instrument :
BNA_F
ClientSampleId :
PB164680BL

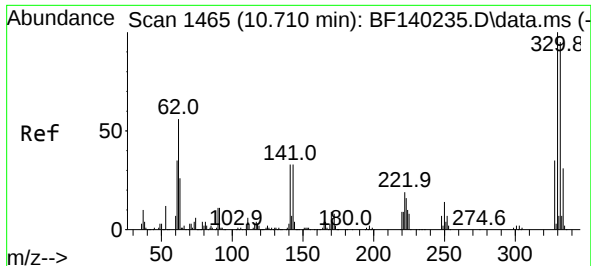
Tgt Ion: 82 Resp: 929578
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

Tgt Ion:164 Resp: 368591
Ion Ratio Lower Upper
164 100
162 95.2 77.0 115.4
160 42.6 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 146.297 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF140289.D

Acq: 08 Nov 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB164680BL

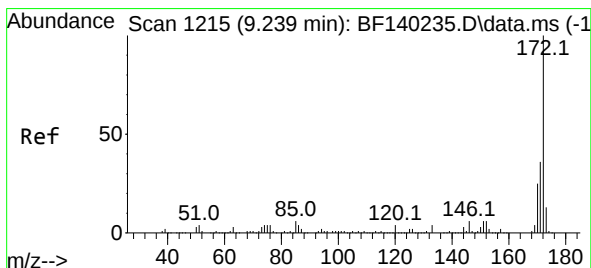
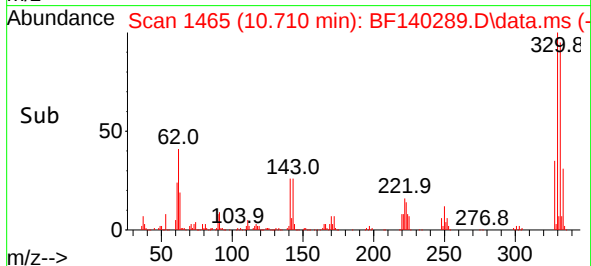
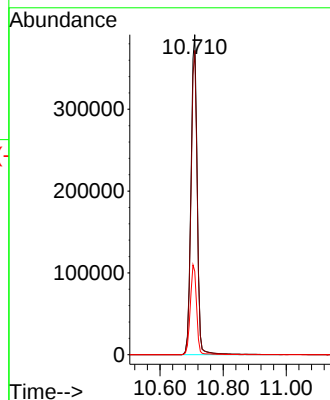
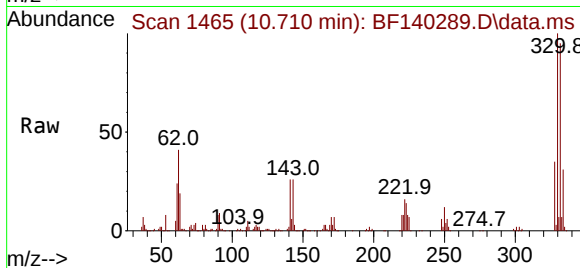
Tgt Ion:330 Resp: 533009

Ion Ratio Lower Upper

330 100

332 94.8 76.4 114.6

141 28.5 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.641 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140289.D

Acq: 08 Nov 2024 10:55

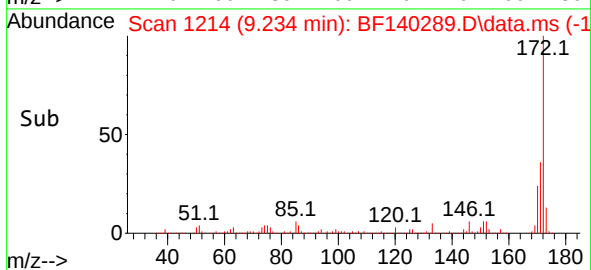
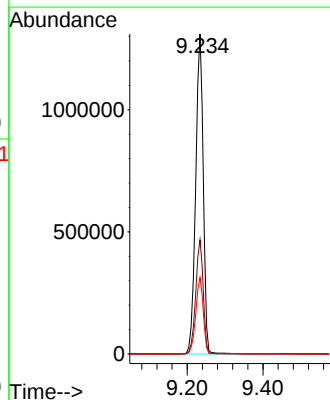
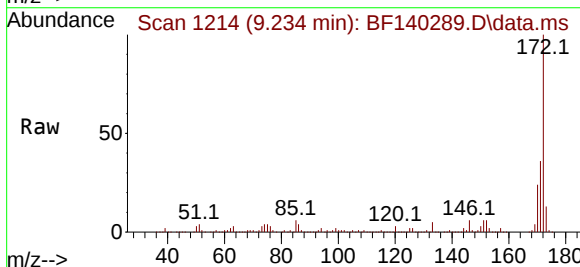
Tgt Ion:172 Resp: 1838351

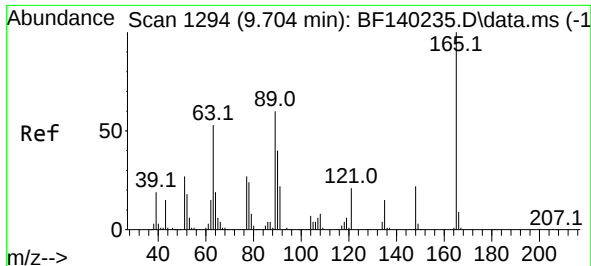
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.9 19.6 29.4

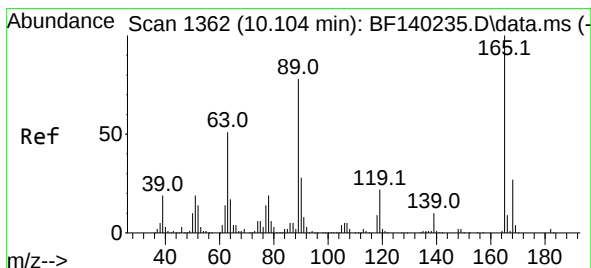
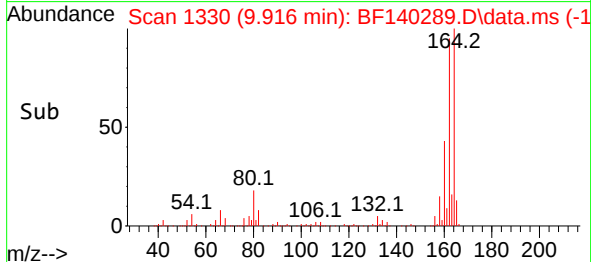
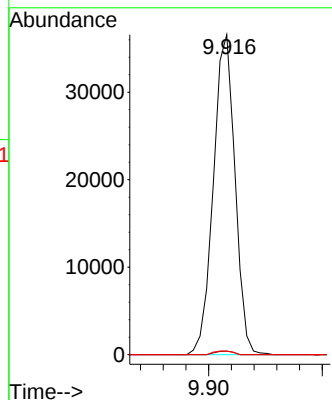
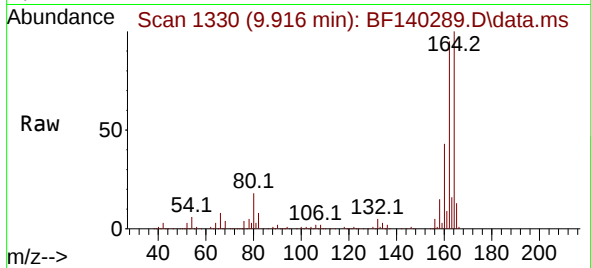




#51
2,6-Dinitrotoluene
Concen: 9.065 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

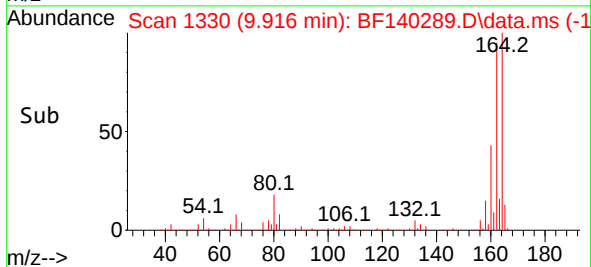
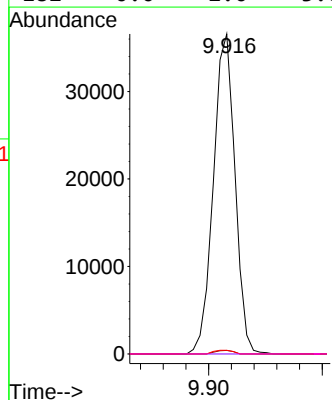
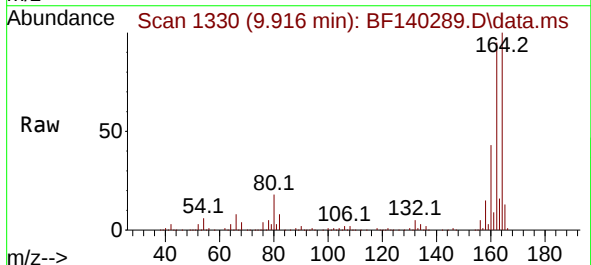
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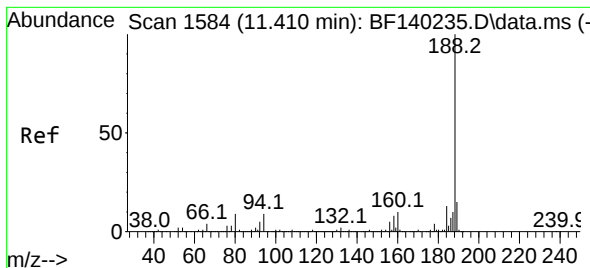
Tgt Ion:165 Resp: 48371
Ion Ratio Lower Upper
165 100
63 1.1 48.8 73.2#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.986 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

Tgt Ion:165 Resp: 48371
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.1 62.6 94.0#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140289.D

Acq: 08 Nov 2024 10:55

Instrument :

BNA_F

ClientSampleId :

PB164680BL

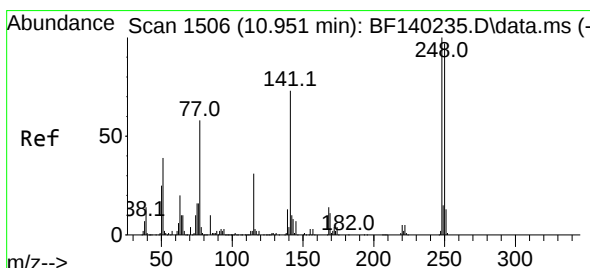
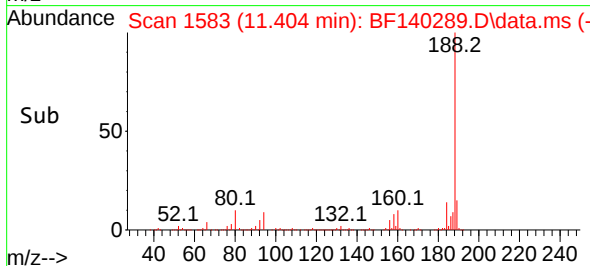
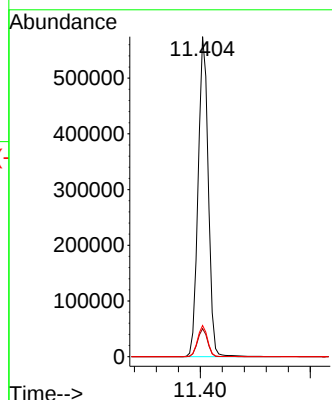
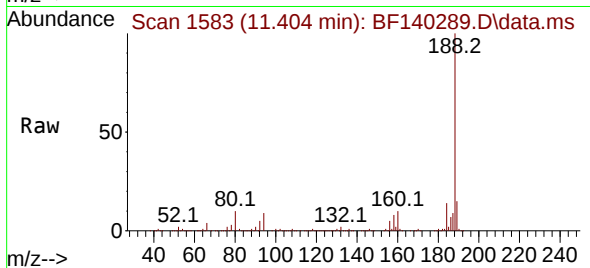
Tgt Ion:188 Resp: 737164

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

80 9.7 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 4.351 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.241 min

Lab File: BF140289.D

Acq: 08 Nov 2024 10:55

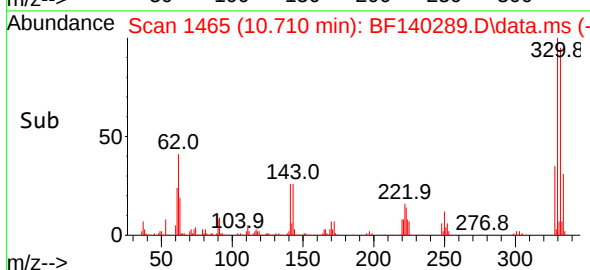
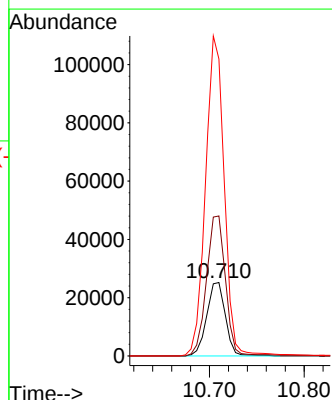
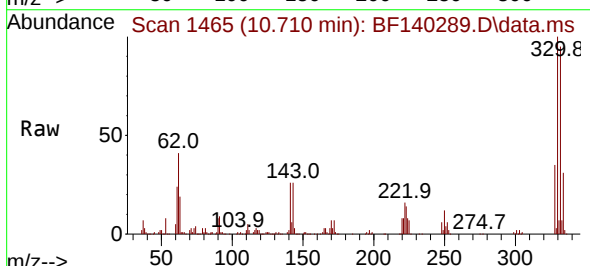
Tgt Ion:248 Resp: 34537

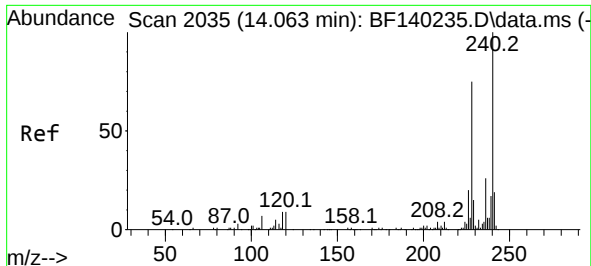
Ion Ratio Lower Upper

248 100

250 190.7 77.9 116.9#

141 404.5 58.6 88.0#

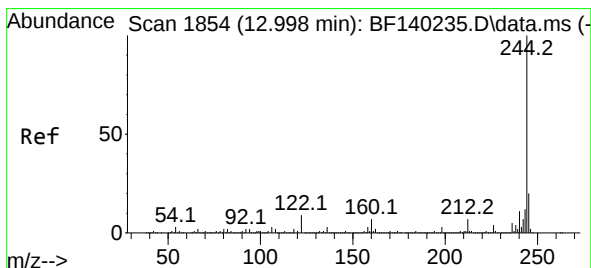
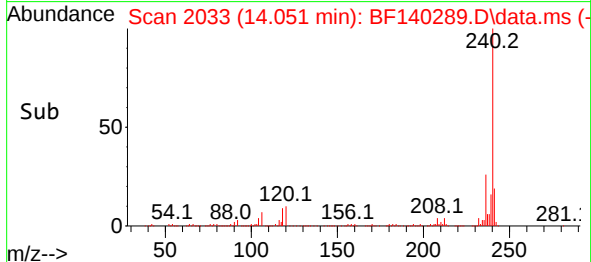
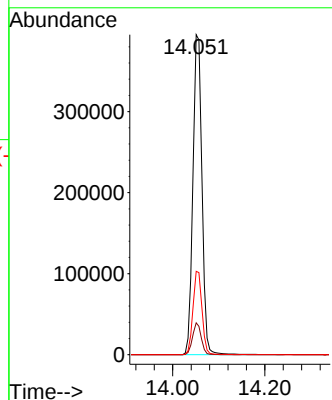
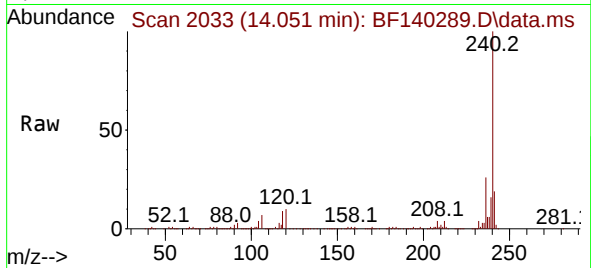




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2035
Delta R.T. -0.012 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

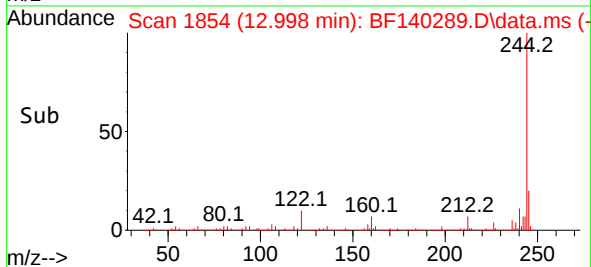
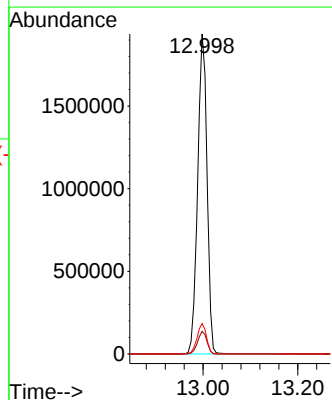
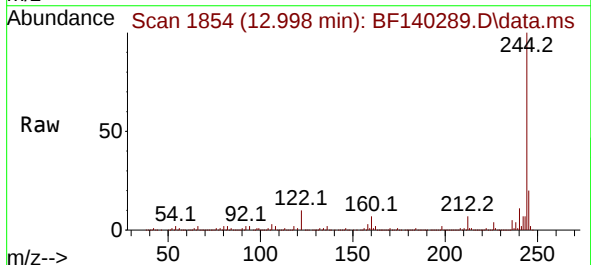
Instrument :
BNA_F
ClientSampleId :
PB164680BL

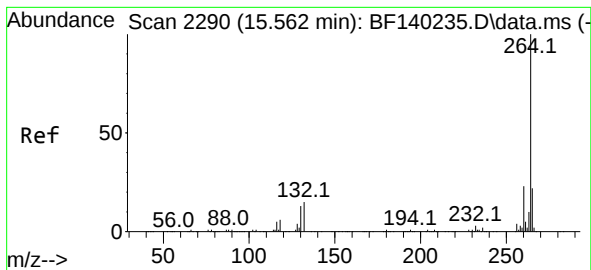
Tgt Ion:240 Resp: 536164
Ion Ratio Lower Upper
240 100
120 9.9 7.5 11.3
236 26.1 20.9 31.3



#79
Terphenyl-d14
Concen: 81.205 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140289.D
Acq: 08 Nov 2024 10:55

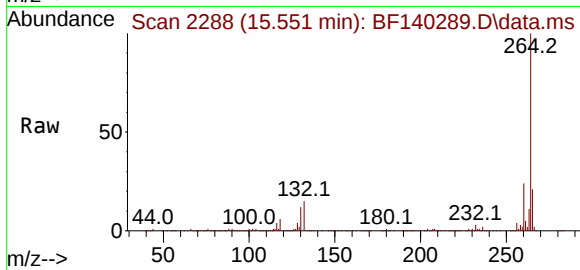
Tgt Ion:244 Resp: 2657853
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 9.5 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF140289.D
 Acq: 08 Nov 2024 10:55

Instrument :
 BNA_F
 ClientSampleId :
 PB164680BL



Tgt Ion:264 Resp: 403684
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.4 17.3 25.9

