

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042325\
 Data File : BF142226.D
 Acq On : 23 Apr 2025 15:08
 Operator : RC/JU
 Sample : PB167694BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167694BL

Quant Time: Apr 23 15:57:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 23 14:53:02 2025
 Response via : Initial Calibration

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

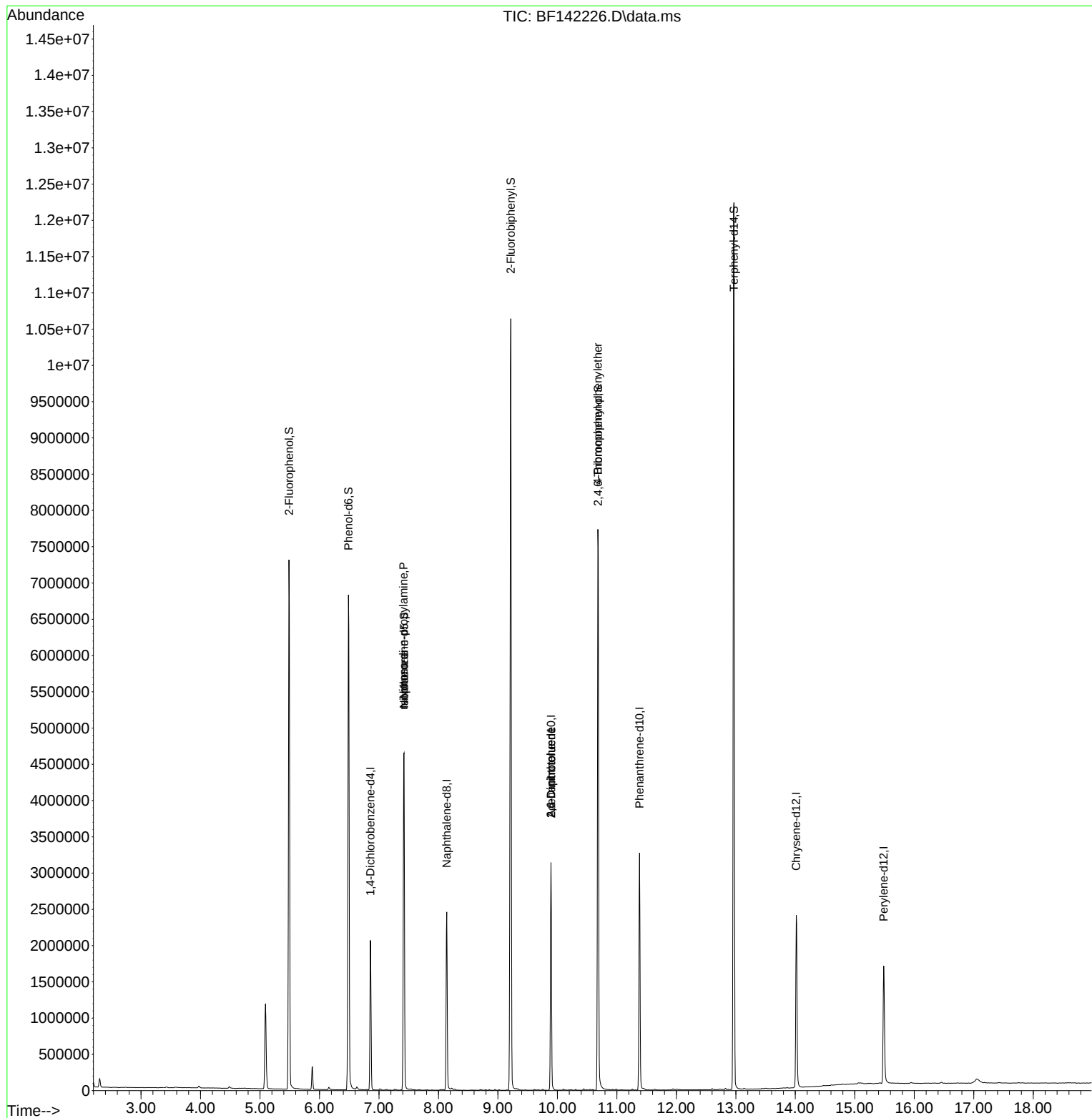
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	445538	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	1711714	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	968615	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	1759962	20.000	ng	0.00
76) Chrysene-d12	14.016	240	1288402	20.000	ng	0.00
86) Perylene-d12	15.486	264	1077392	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	3000099	114.758	ng	0.01
7) Phenol-d6	6.487	99	3550295	110.805	ng	0.00
23) Nitrobenzene-d5	7.422	82	2345360	81.636	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	1684967	124.099	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	4913575	81.628	ng	0.00
79) Terphenyl-d14	12.969	244	6085001	76.761	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	315229	17.747	ng	# 77
25) Isophorone	7.422	82	2308875	49.014	ng	# 62
51) 2,6-Dinitrotoluene	9.892	165	127807	8.824	ng	# 30
57) 2,4-Dinitrotoluene	9.892	165	127879	6.589	ng	# 28
67) 4-Bromophenyl-phenylether	10.681	248	100537	4.551	ng	# 1

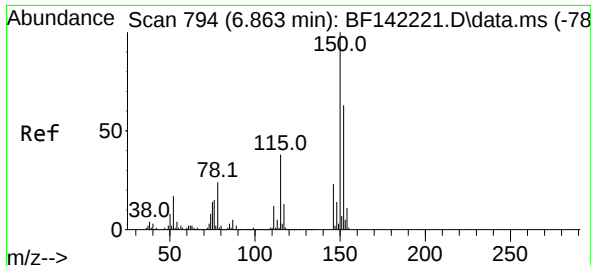
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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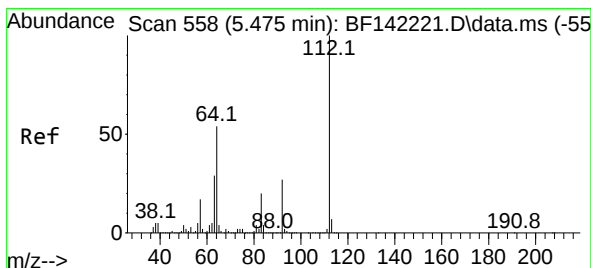
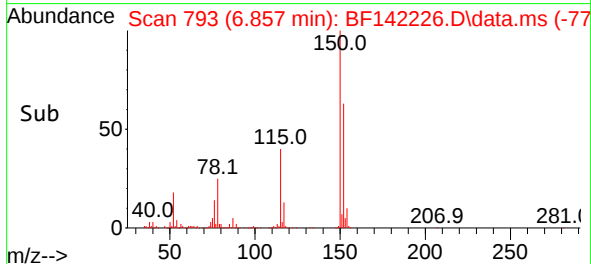
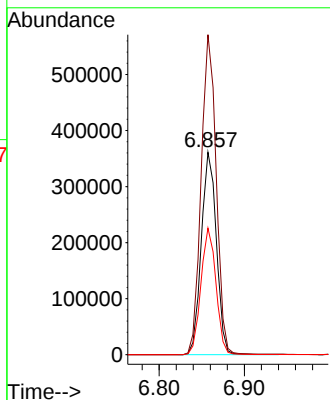
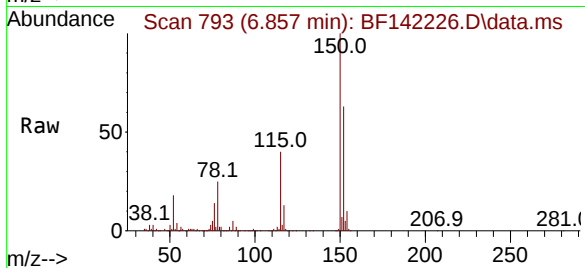




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 794
Delta R.T. -0.006 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

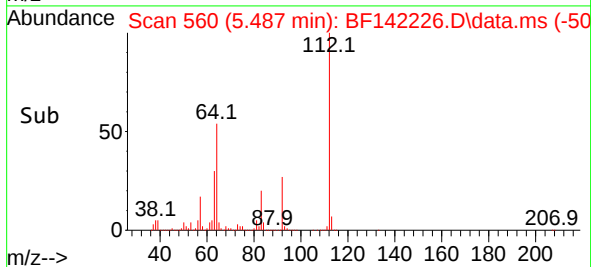
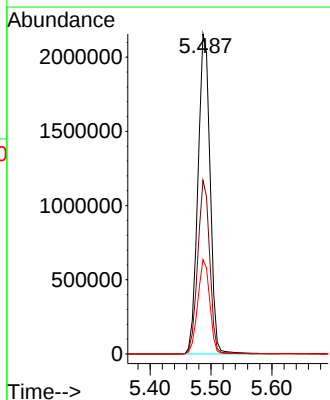
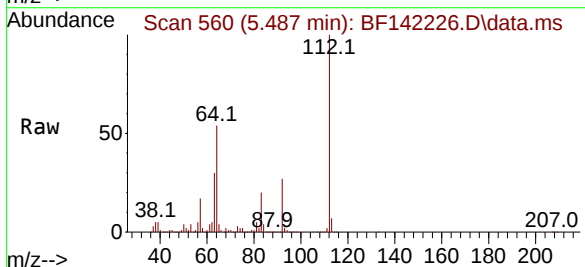
Instrument :
BNA_F
ClientSampleId :
PB167694BL

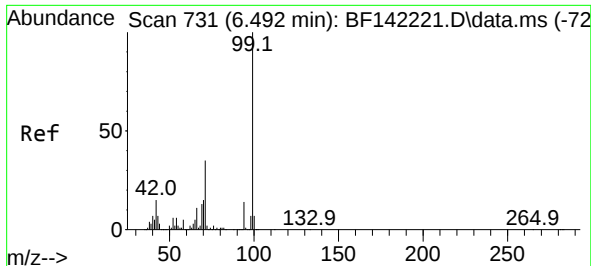
Tgt Ion:152 Resp: 445538
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 62.5 48.5 72.7



#5
2-Fluorophenol
Concen: 114.758 ng
RT: 5.487 min Scan# 560
Delta R.T. 0.012 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion:112 Resp: 3000099
Ion Ratio Lower Upper
112 100
64 54.2 43.1 64.7
63 29.5 23.1 34.7

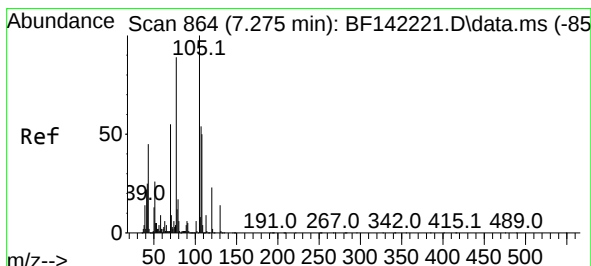
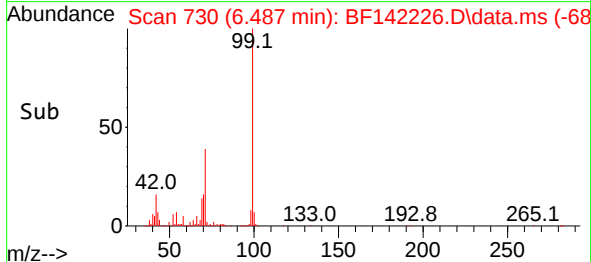
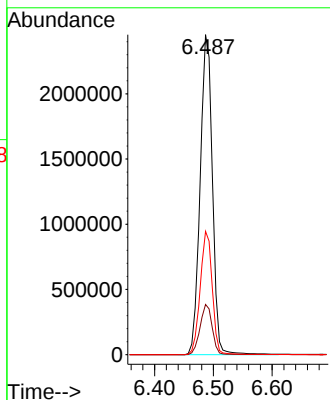
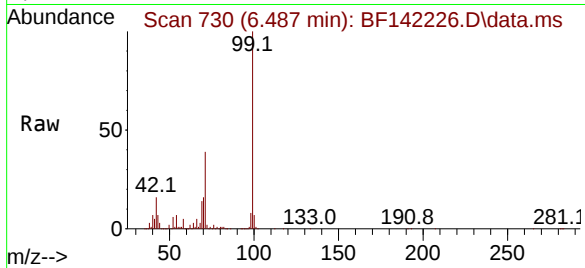




#7
Phenol-d6
Concen: 110.805 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

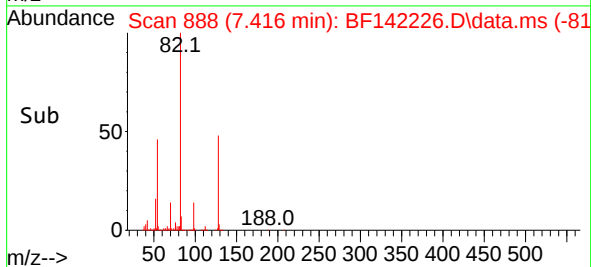
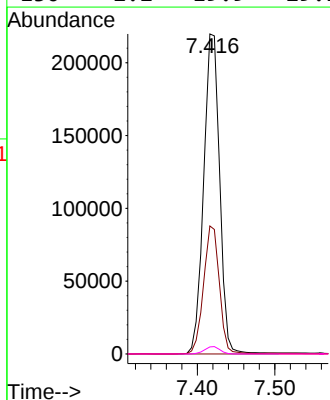
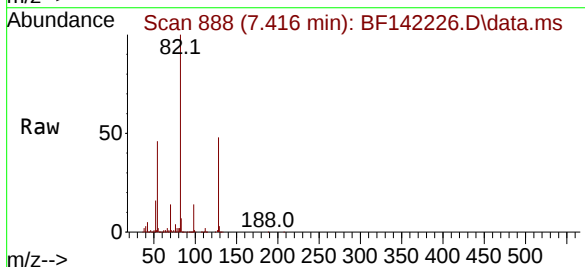
Instrument :
BNA_F
ClientSampleId :
PB167694BL

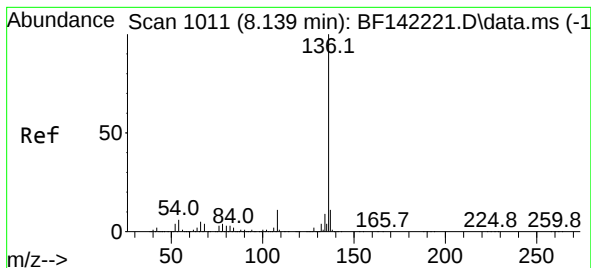
Tgt Ion: 99 Resp: 3550295
Ion Ratio Lower Upper
99 100
42 15.7 12.0 18.0
71 38.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.747 ng
RT: 7.416 min Scan# 888
Delta R.T. 0.141 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion: 70 Resp: 315229
Ion Ratio Lower Upper
70 100
42 40.0 37.1 55.7
101 0.0 8.6 12.8#
130 2.2 19.9 29.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.140 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142226.D

Acq: 23 Apr 2025 15:08

Instrument :

BNA_F

ClientSampleId :

PB167694BL

Tgt Ion:136 Resp: 1711714

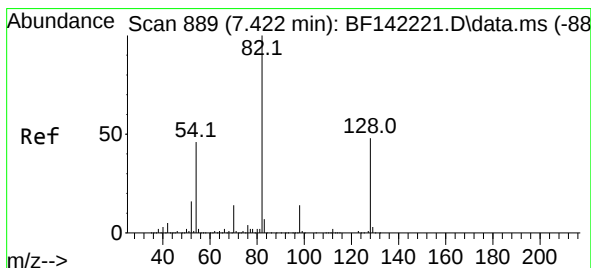
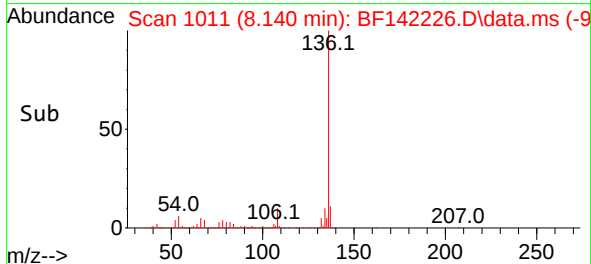
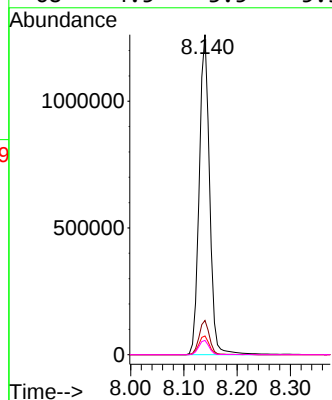
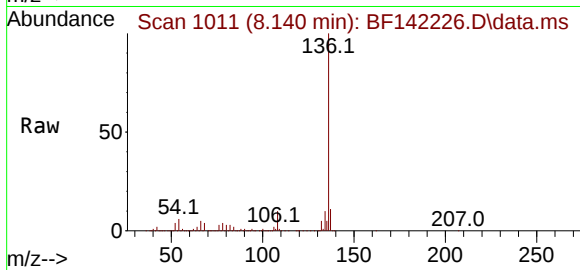
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.9 4.7 7.1

68 4.5 3.5 5.3



#23

Nitrobenzene-d5

Concen: 81.636 ng

RT: 7.422 min Scan# 889

Delta R.T. 0.000 min

Lab File: BF142226.D

Acq: 23 Apr 2025 15:08

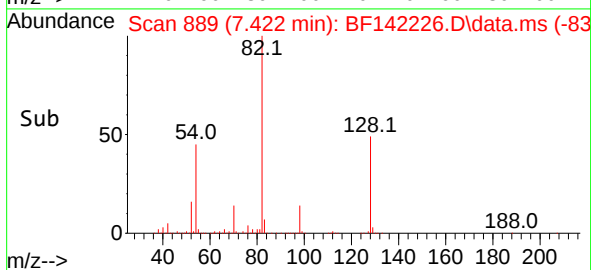
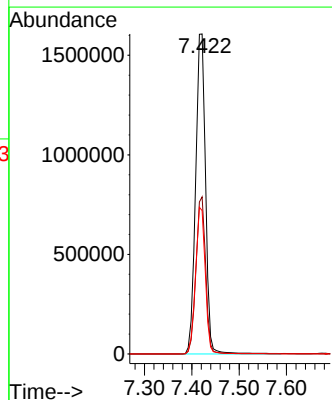
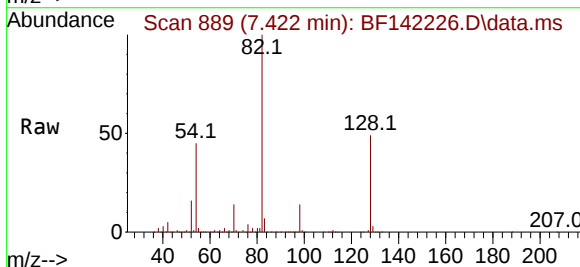
Tgt Ion: 82 Resp: 2345360

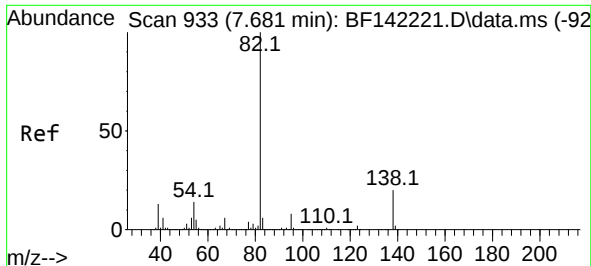
Ion Ratio Lower Upper

82 100

128 49.1 38.3 57.5

54 44.8 36.4 54.6

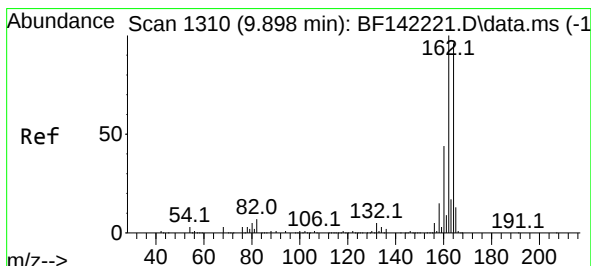
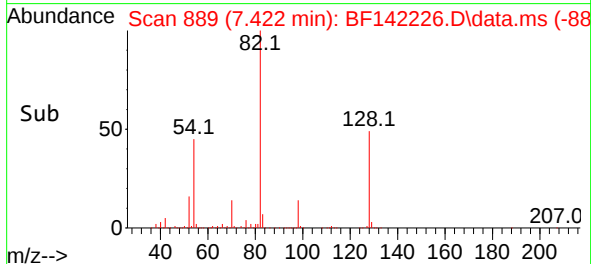
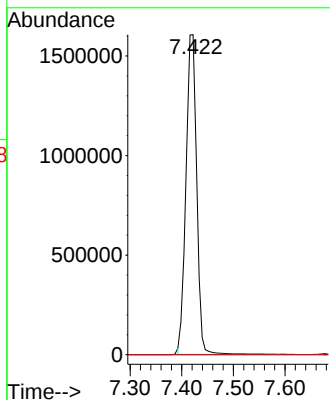
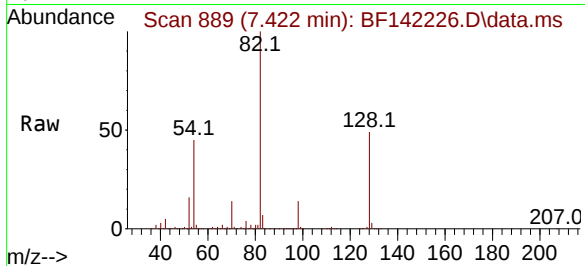




#25
Isophorone
Concen: 49.014 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

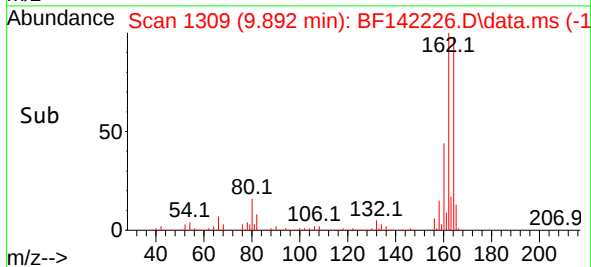
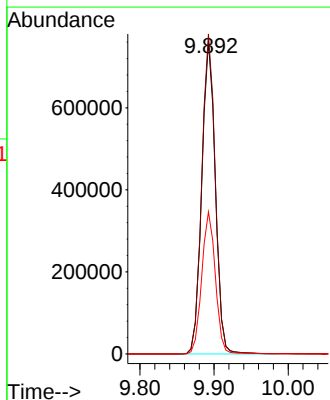
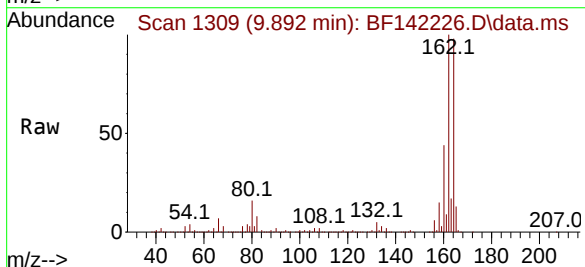
Instrument :
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ClientSampleId :
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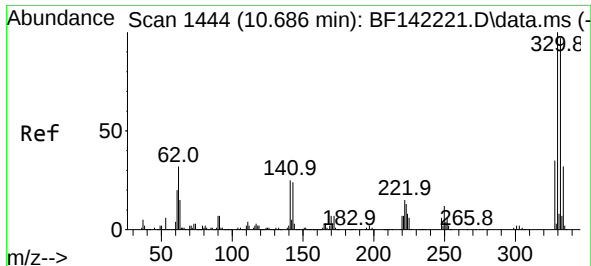
Tgt Ion: 82 Resp: 2308875
Ion Ratio Lower Upper
82 100
95 0.0 6.6 9.8#
138 0.0 16.2 24.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion:164 Resp: 968615
Ion Ratio Lower Upper
164 100
162 102.5 83.0 124.6
160 45.5 36.5 54.7

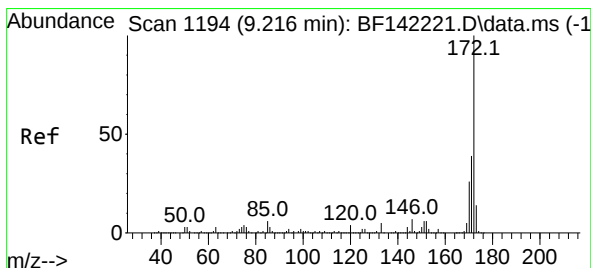
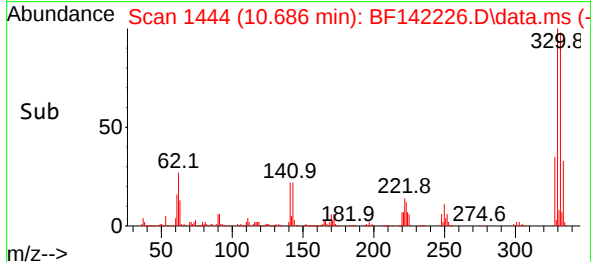
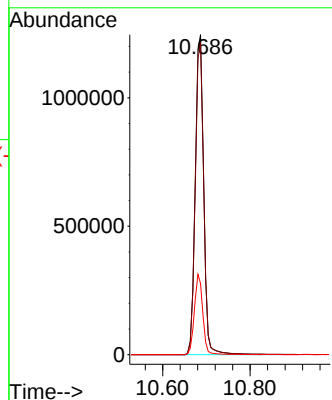
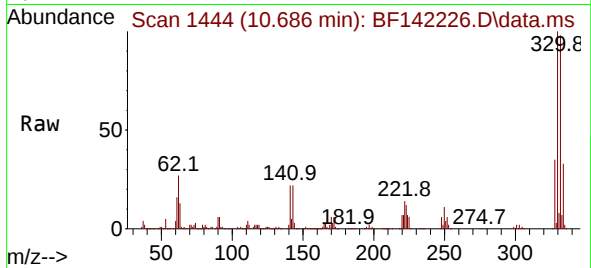




#42
2,4,6-Tribromophenol
Concen: 124.099 ng
RT: 10.686 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

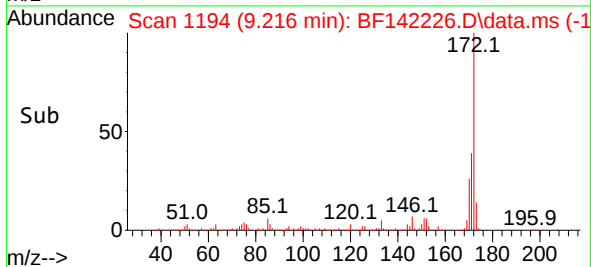
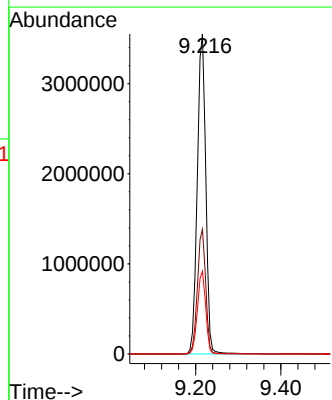
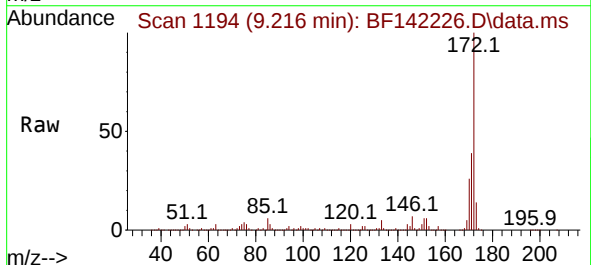
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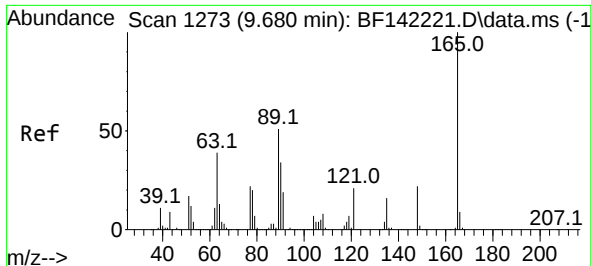
Tgt Ion:330 Resp: 1684967
Ion Ratio Lower Upper
330 100
332 97.4 77.2 115.8
141 24.9 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 81.628 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion:172 Resp: 4913575
Ion Ratio Lower Upper
172 100
171 39.0 30.9 46.3
170 25.8 20.6 30.8

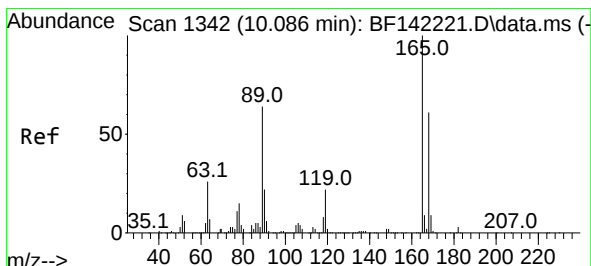
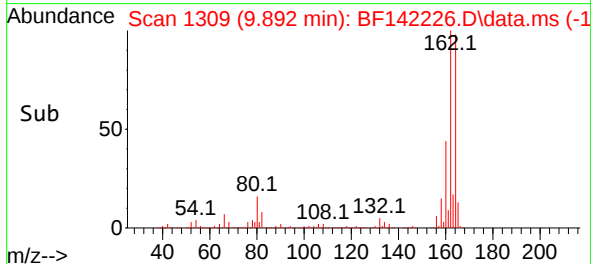
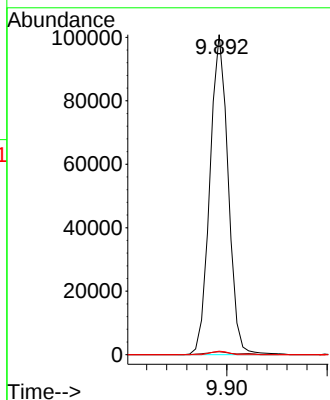
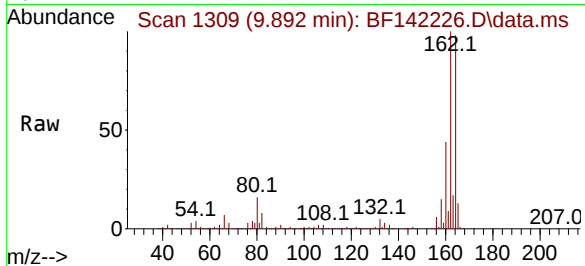




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

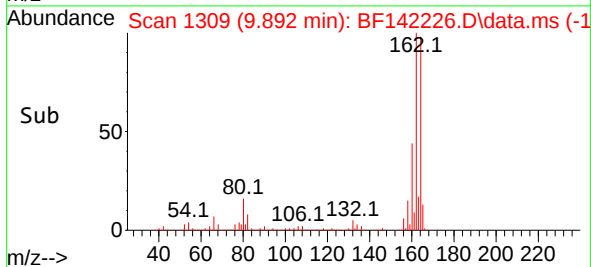
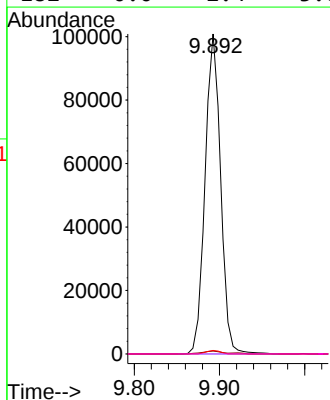
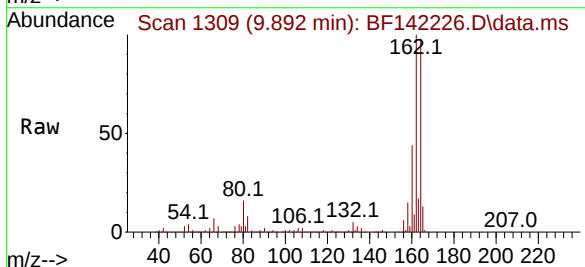
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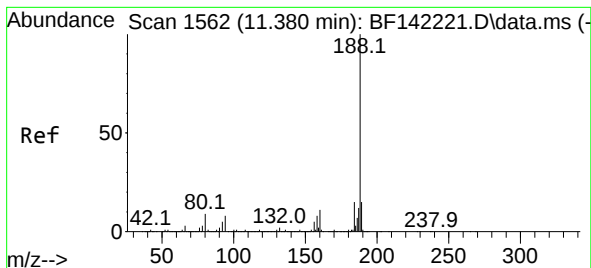
Tgt Ion:165 Resp: 127807
Ion Ratio Lower Upper
165 100
63 0.9 37.9 56.9#
89 1.1 40.6 61.0#



#57
2,4-Dinitrotoluene
Concen: 6.589 ng
RT: 9.892 min Scan# 1309
Delta R.T. -0.194 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

Tgt Ion:165 Resp: 127879
Ion Ratio Lower Upper
165 100
63 0.9 31.1 46.7#
89 1.1 51.7 77.5#
182 0.0 2.4 3.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142226.D

Acq: 23 Apr 2025 15:08

Instrument :

BNA_F

ClientSampleId :

PB167694BL

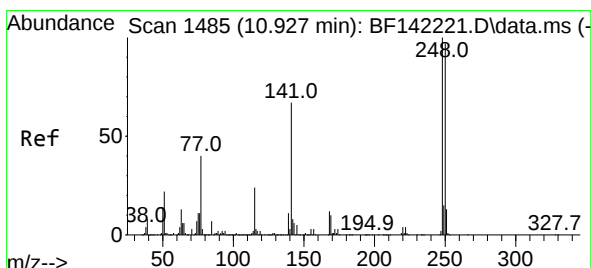
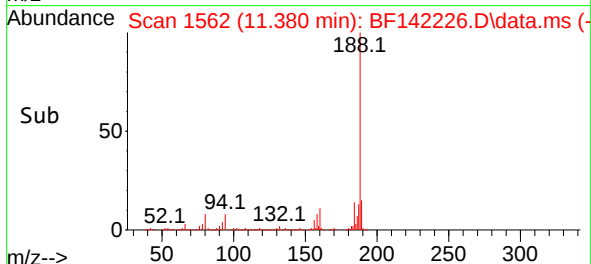
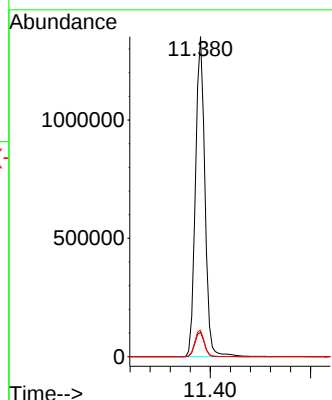
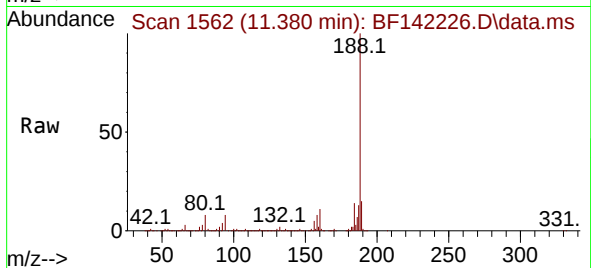
Tgt Ion:188 Resp: 1759962

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.3 7.0 10.6



#67

4-Bromophenyl-phenylether

Concen: 4.551 ng

RT: 10.681 min Scan# 1443

Delta R.T. -0.247 min

Lab File: BF142226.D

Acq: 23 Apr 2025 15:08

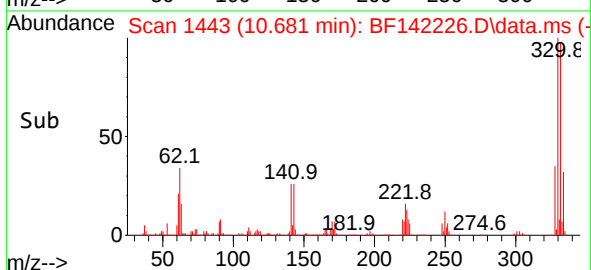
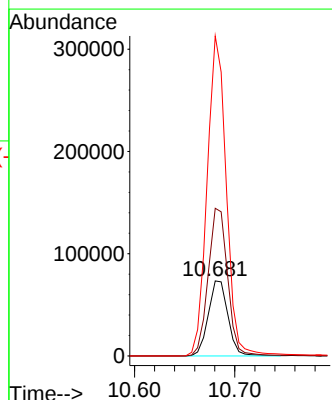
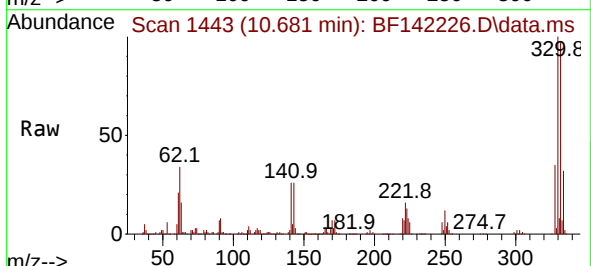
Tgt Ion:248 Resp: 100537

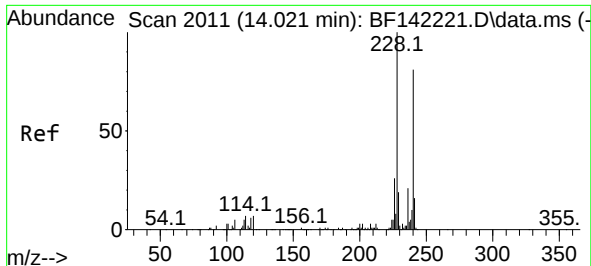
Ion Ratio Lower Upper

248 100

250 196.7 77.9 116.9#

141 426.3 53.3 79.9#

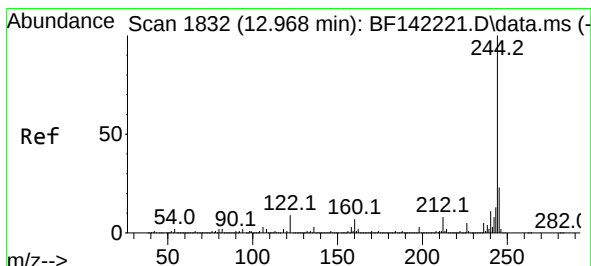
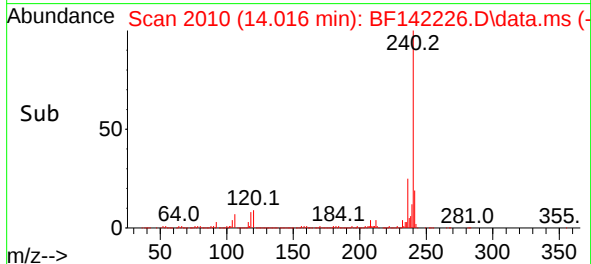
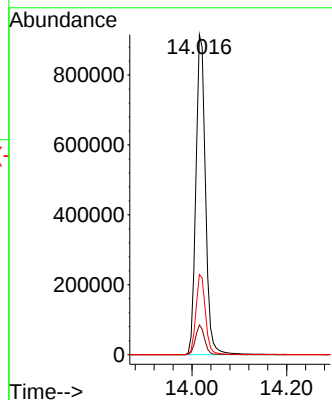
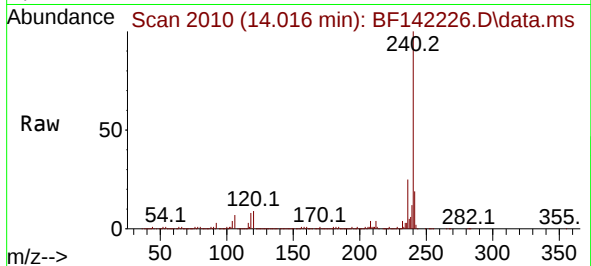




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

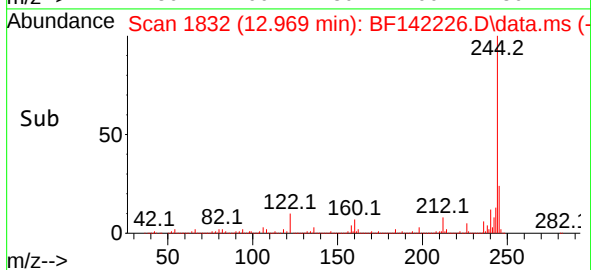
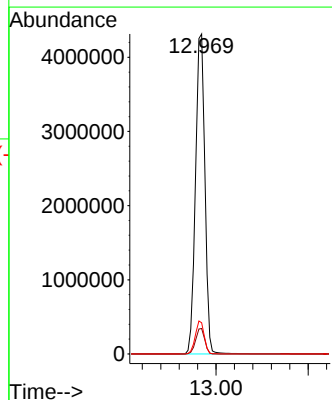
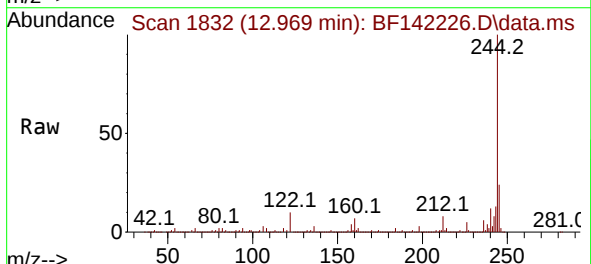
Instrument :
BNA_F
ClientSampleId :
PB167694BL

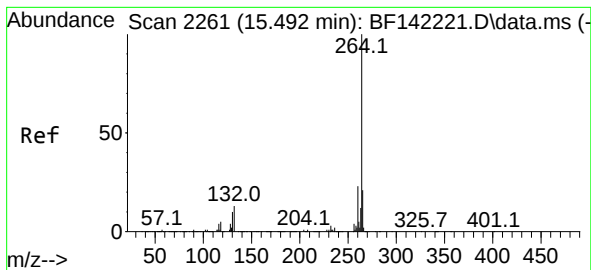
Tgt Ion:240 Resp: 1288402
Ion Ratio Lower Upper
240 100
120 9.3 7.1 10.7
236 25.0 20.4 30.6



#79
Terphenyl-d14
Concen: 76.761 ng
RT: 12.969 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BF142226.D
Acq: 23 Apr 2025 15:08

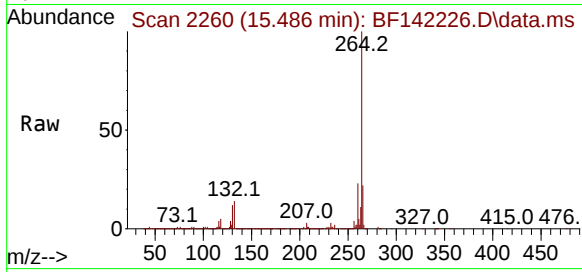
Tgt Ion:244 Resp: 6085001
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 9.7 7.3 10.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142226.D
 Acq: 23 Apr 2025 15:08

Instrument :
 BNA_F
 ClientSampleId :
 PB167694BL



Tgt Ion:264 Resp: 1077392
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 22.3 17.2 25.8

