

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141907.D
 Acq On : 10 Mar 2025 17:09
 Operator : RC/JU
 Sample : PB167012BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167012BL

Quant Time: Mar 10 17:50:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

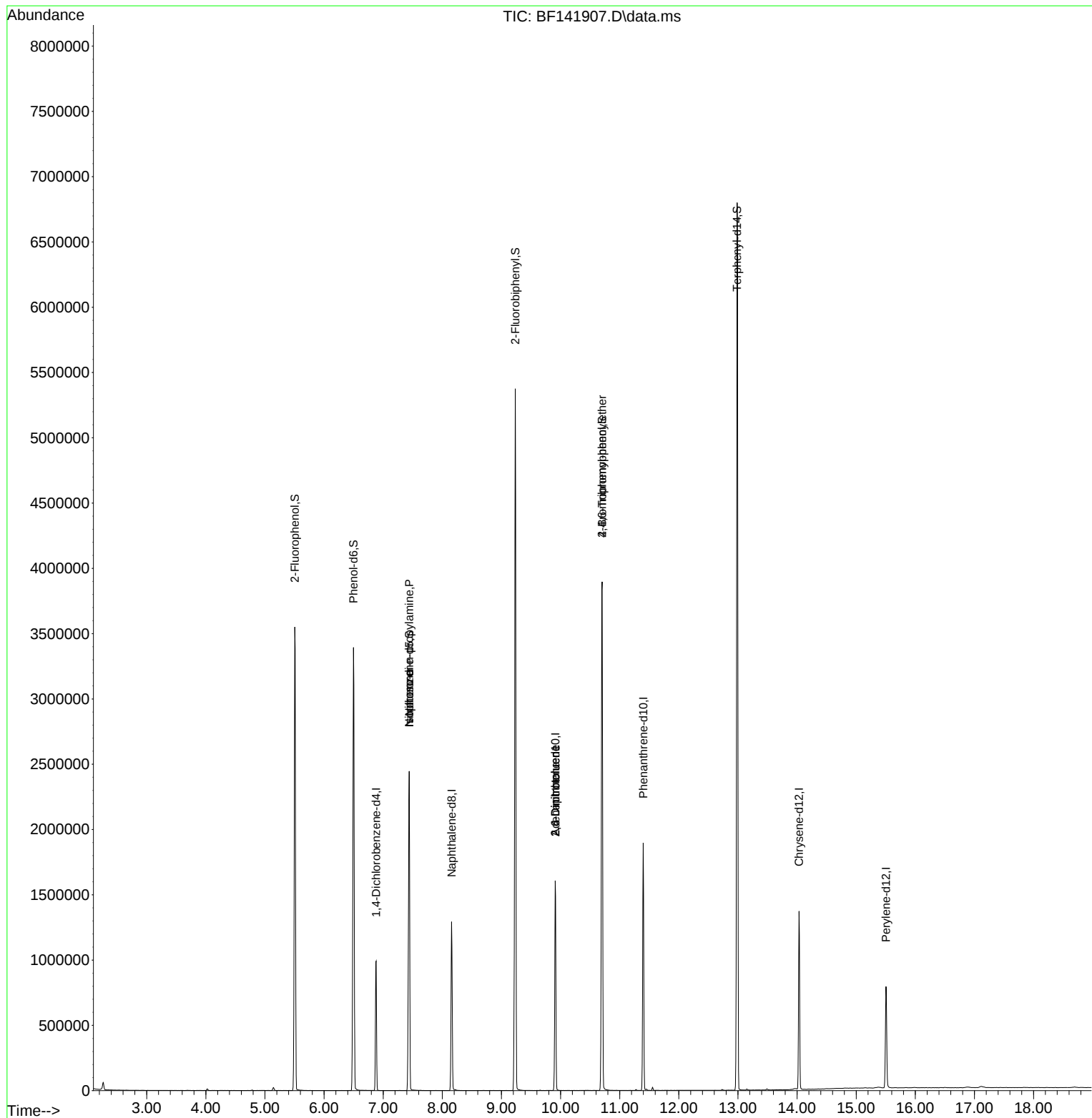
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	215606	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	850637	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	501095	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	952421	20.000	ng	0.00
76) Chrysene-d12	14.033	240	661459	20.000	ng	0.00
86) Perylene-d12	15.504	264	462716	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1458643	112.910	ng	0.01
7) Phenol-d6	6.498	99	1797089	109.257	ng	0.00
23) Nitrobenzene-d5	7.439	82	1219408	80.673	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	781864	122.992	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2525489	76.648	ng	0.00
79) Terphenyl-d14	12.986	244	3576592	79.942	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	170735	16.154	ng	# 77
25) Isophorone	7.439	82	1206350	45.149	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	65703	8.993	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	65703	6.885	ng	# 24
67) 4-Bromophenyl-phenylether	10.704	248	49184	4.112	ng	# 1

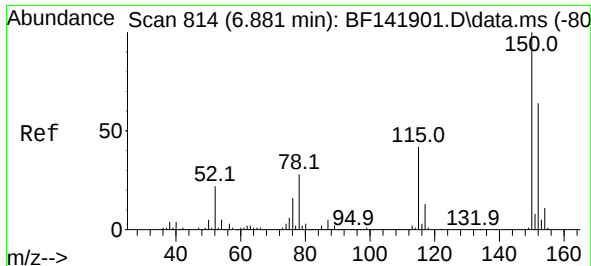
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141907.D
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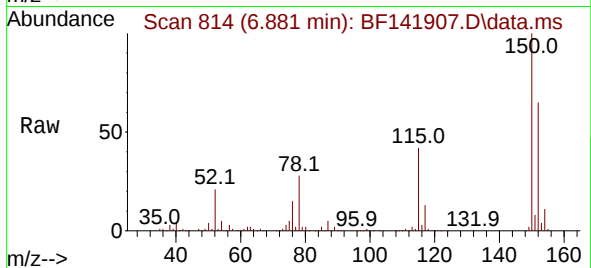
Quant Time: Mar 10 17:50:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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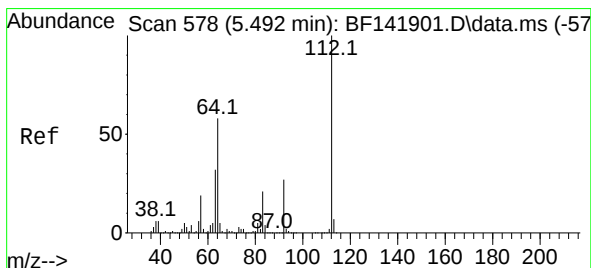
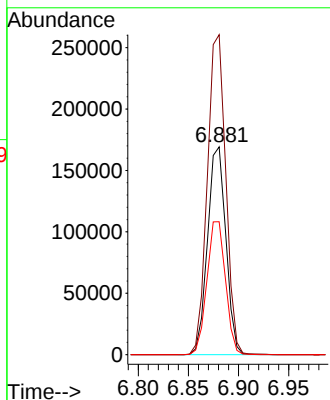
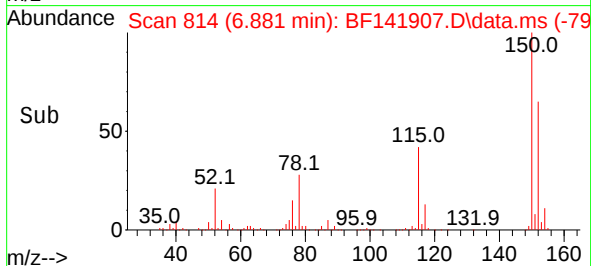


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

Instrument :
BNA_F
ClientSampleId :
PB167012BL

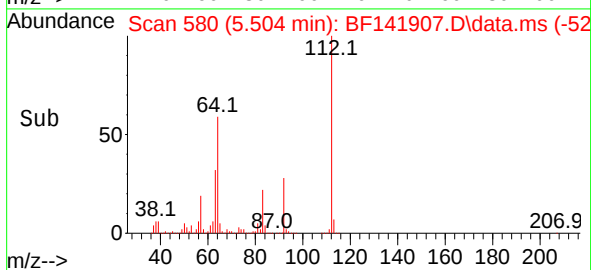
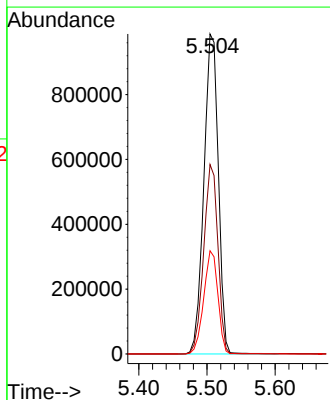
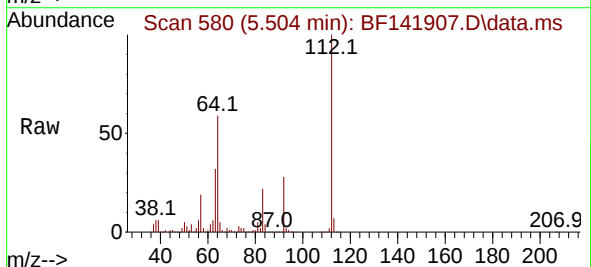


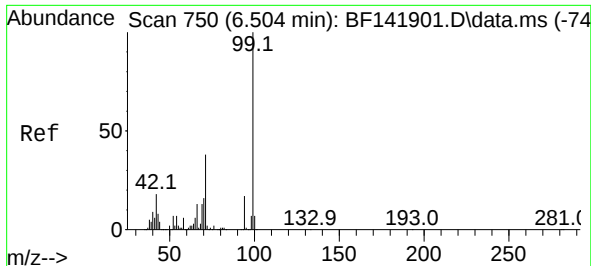
Tgt Ion:152 Resp: 215606
Ion Ratio Lower Upper
152 100
150 153.9 127.4 191.2
115 63.9 51.9 77.9



#5
2-Fluorophenol
Concen: 112.910 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

Tgt Ion:112 Resp: 1458643
Ion Ratio Lower Upper
112 100
64 59.2 46.5 69.7
63 32.2 25.4 38.2

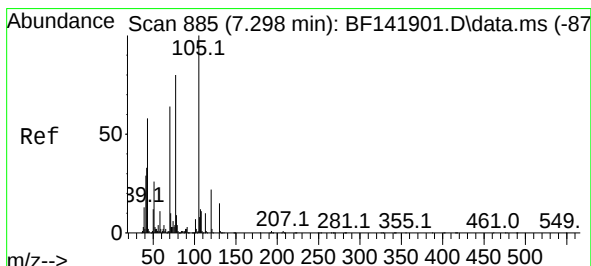
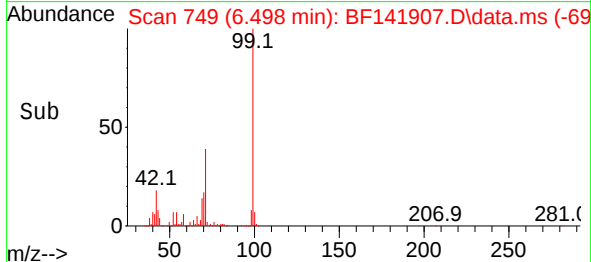
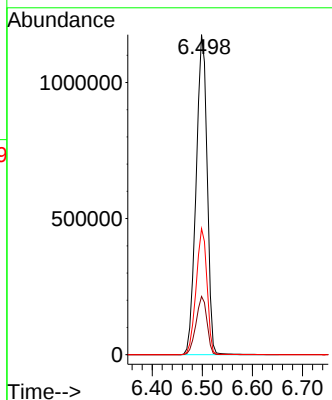
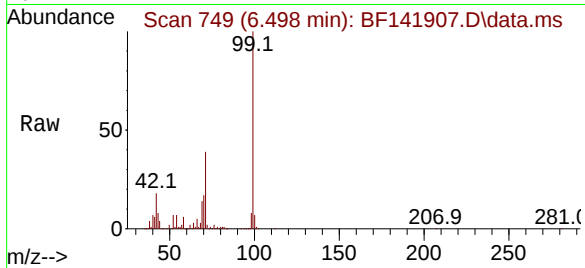




#7
Phenol-d6
Concen: 109.257 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

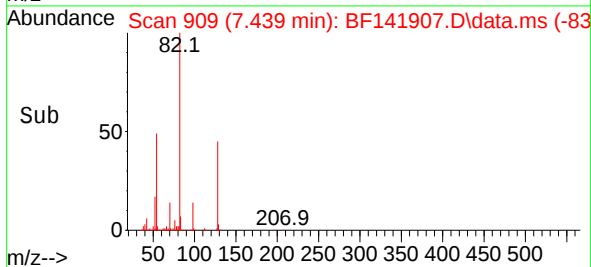
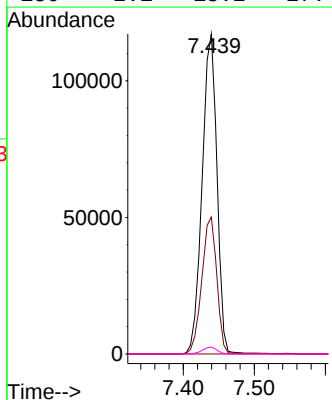
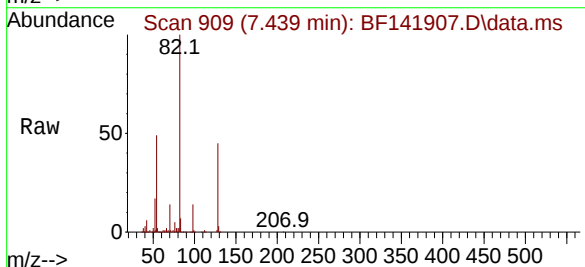
Instrument :
BNA_F
ClientSampleId :
PB167012BL

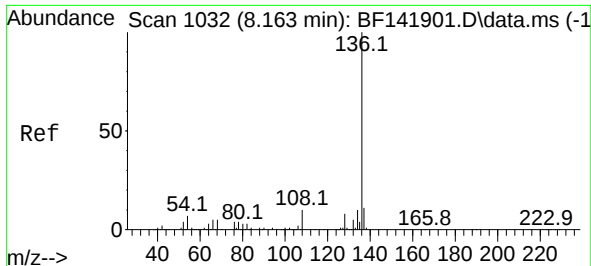
Tgt Ion: 99 Resp: 1797089
Ion Ratio Lower Upper
99 100
42 18.2 14.6 21.8
71 39.4 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.154 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

Tgt Ion: 70 Resp: 170735
Ion Ratio Lower Upper
70 100
42 42.8 41.4 62.0
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#

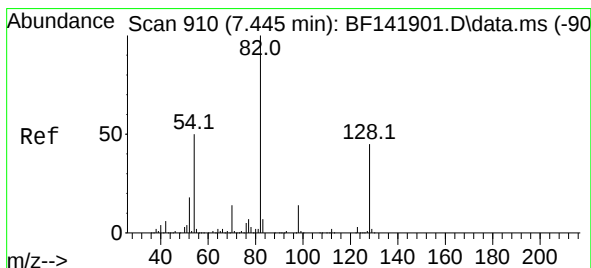
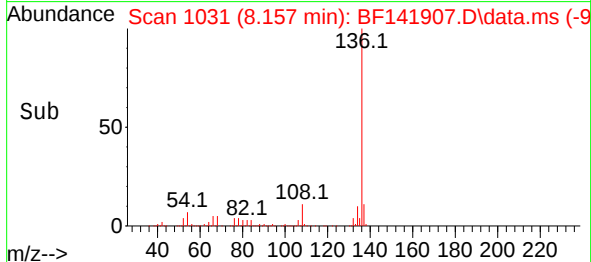
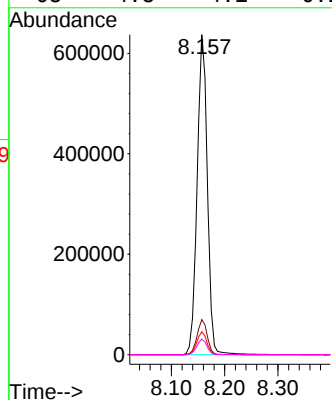
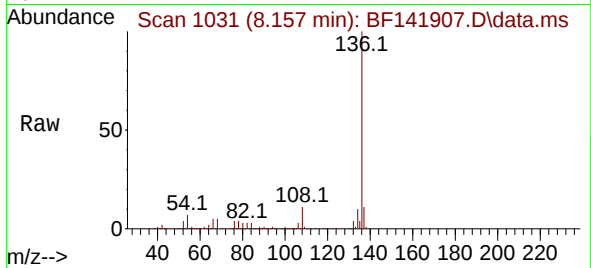




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

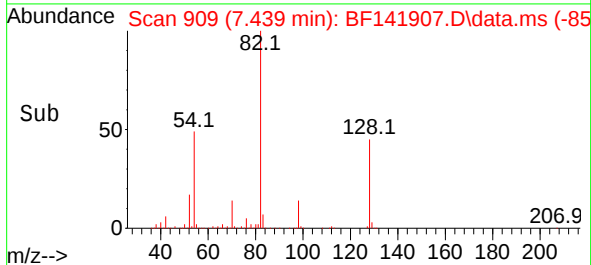
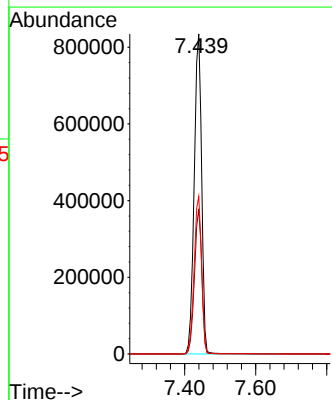
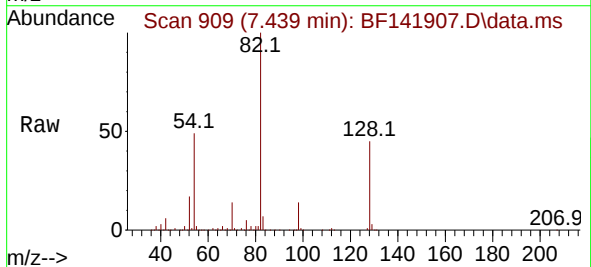
Instrument :
BNA_F
ClientSampleId :
PB167012BL

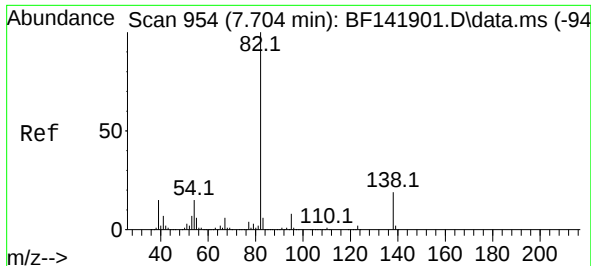
Tgt Ion:136 Resp: 850637
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 5.8 8.8
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 80.673 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

Tgt Ion: 82 Resp: 1219408
Ion Ratio Lower Upper
82 100
128 45.3 36.0 54.0
54 49.3 39.6 59.4

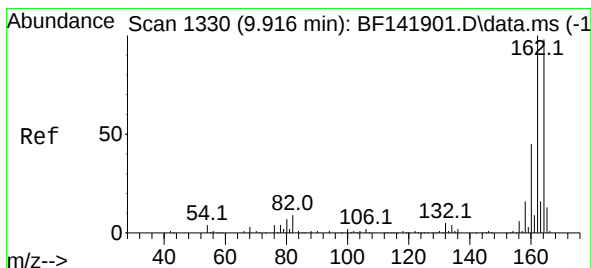
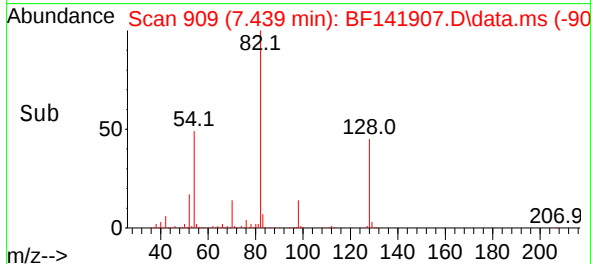
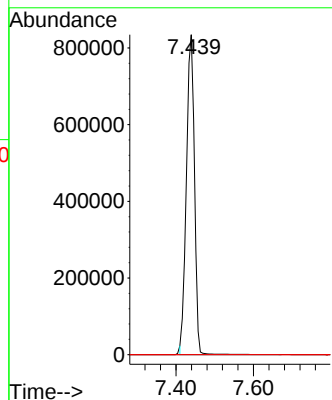
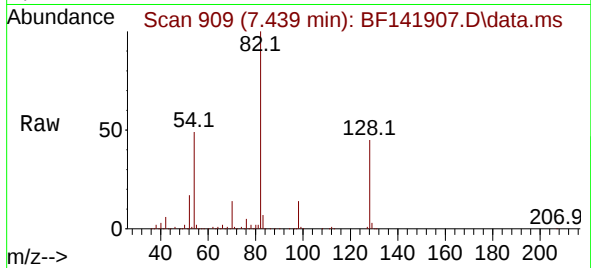




#25
Isophorone
Concen: 45.149 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

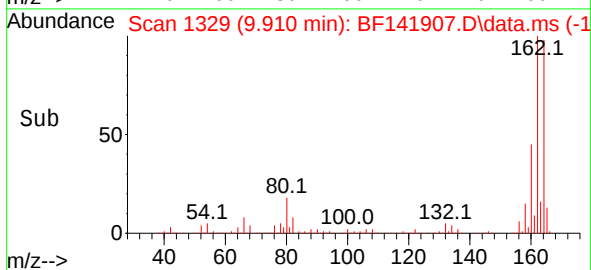
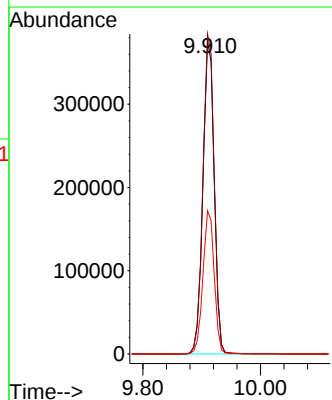
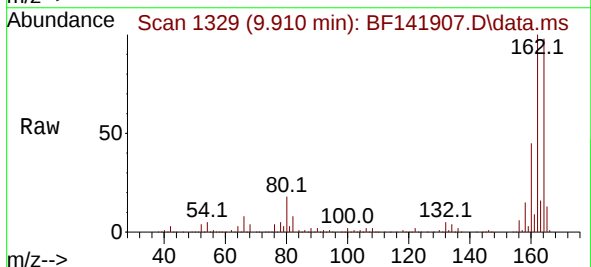
Instrument :
BNA_F
ClientSampleId :
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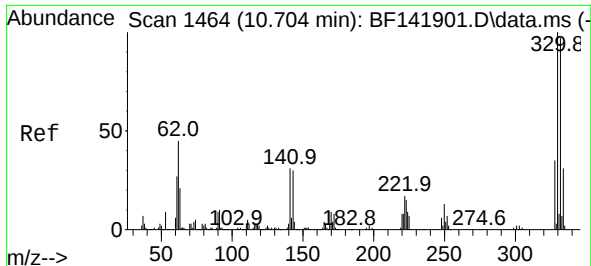
Tgt Ion: 82 Resp: 1206350
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

Tgt Ion:164 Resp: 501095
Ion Ratio Lower Upper
164 100
162 102.3 81.8 122.6
160 45.8 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 122.992 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF141907.D

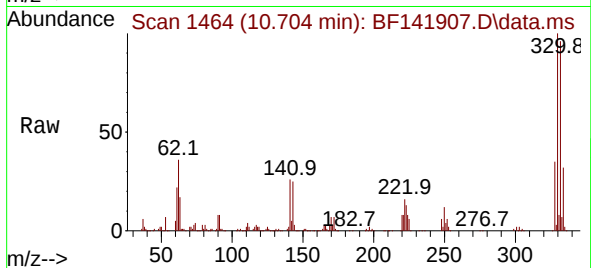
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Instrument :

BNA_F

ClientSampleId :

PB167012BL



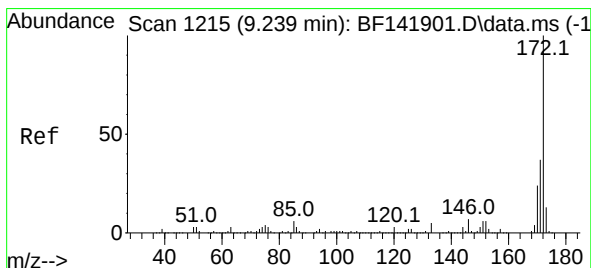
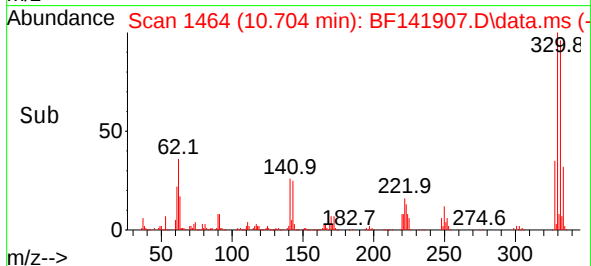
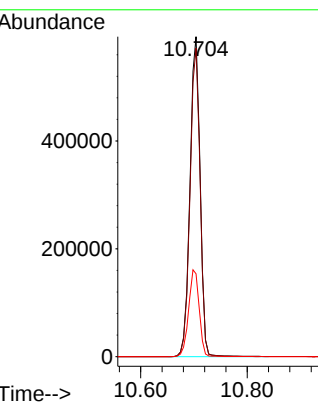
Tgt Ion:330 Resp: 781864

Ion Ratio Lower Upper

330 100

332 96.3 77.6 116.4

141 28.4 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 76.648 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141907.D

Acq: 10 Mar 2025 17:09

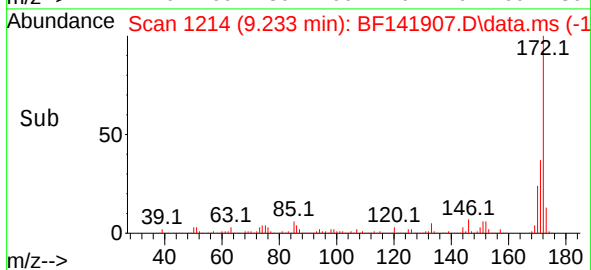
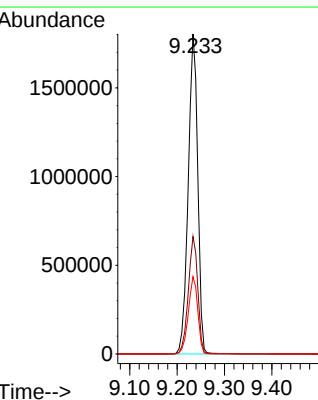
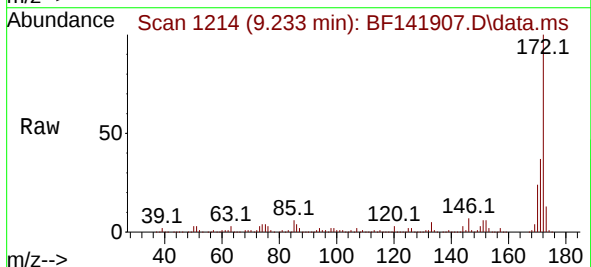
Tgt Ion:172 Resp: 2525489

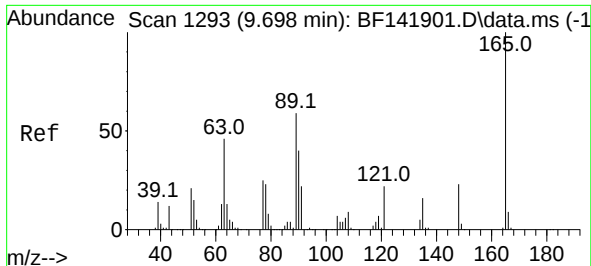
Ion Ratio Lower Upper

172 100

171 36.7 29.3 43.9

170 24.2 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.993 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF141907.D

Acq: 10 Mar 2025 17:09

Instrument :

BNA_F

ClientSampleId :

PB167012BL

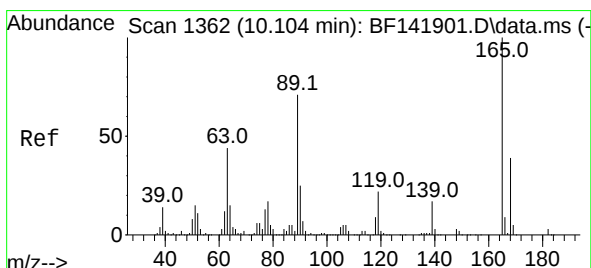
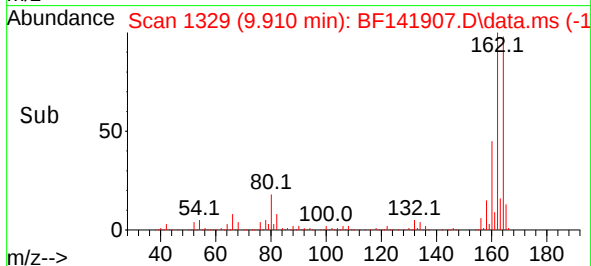
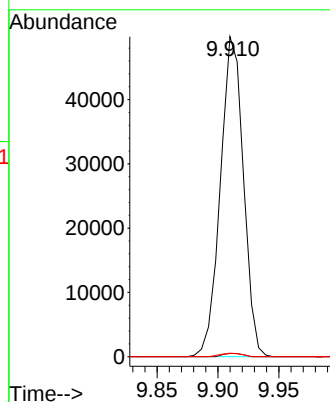
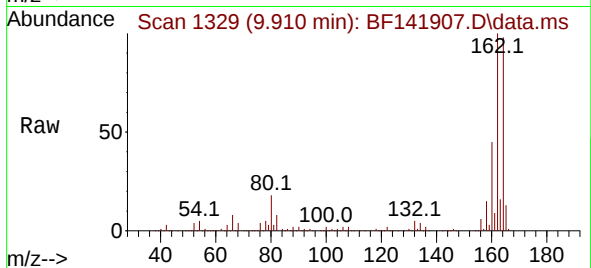
Tgt Ion:165 Resp: 65703

Ion Ratio Lower Upper

165 100

63 1.0 47.0 70.4#

89 1.1 47.4 71.2#



#57

2,4-Dinitrotoluene

Concen: 6.885 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF141907.D

Acq: 10 Mar 2025 17:09

Tgt Ion:165 Resp: 65703

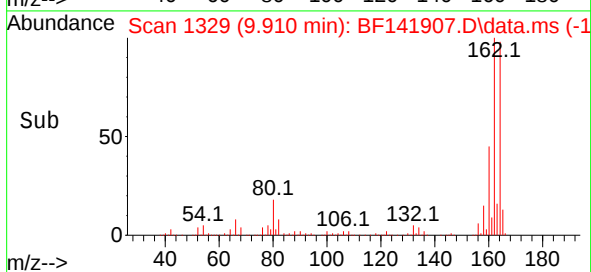
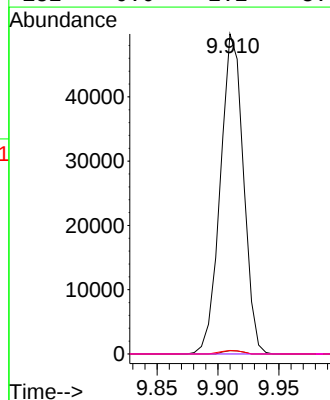
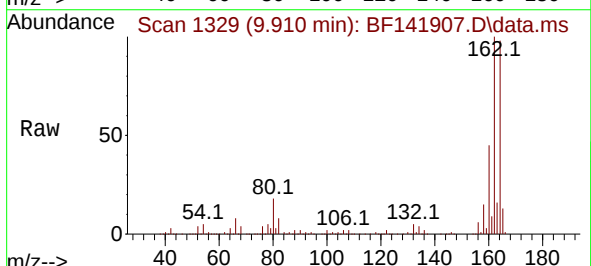
Ion Ratio Lower Upper

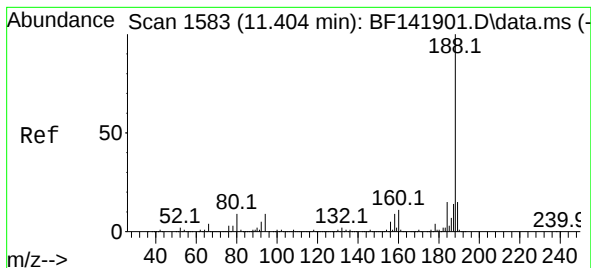
165 100

63 1.0 35.4 53.2#

89 1.1 56.6 84.8#

182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF141907.D

Acq: 10 Mar 2025 17:09

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PB167012BL

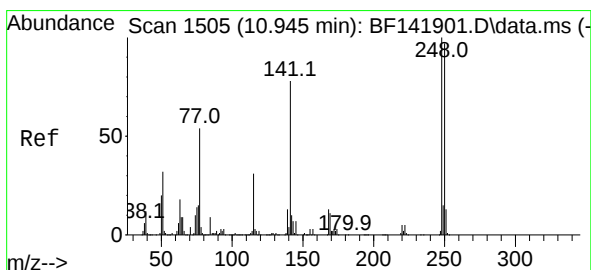
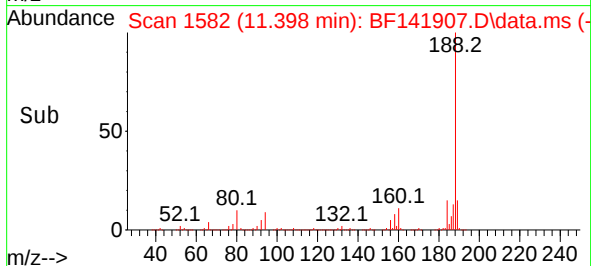
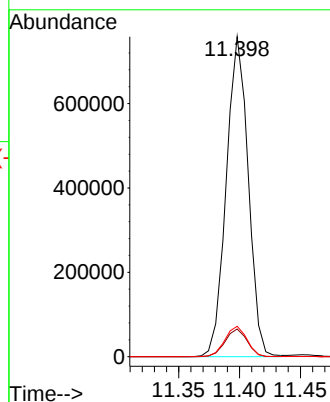
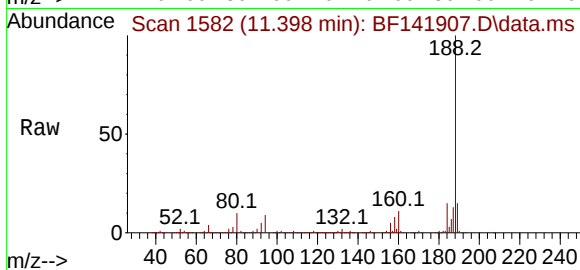
Tgt Ion:188 Resp: 952421

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.112 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF141907.D

Acq: 10 Mar 2025 17:09

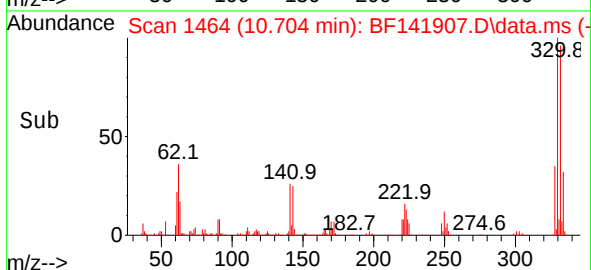
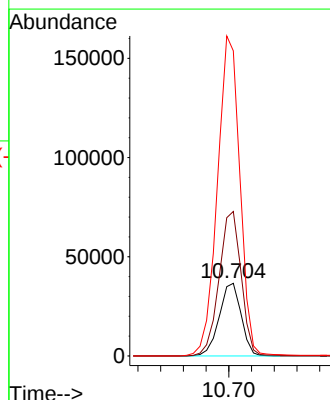
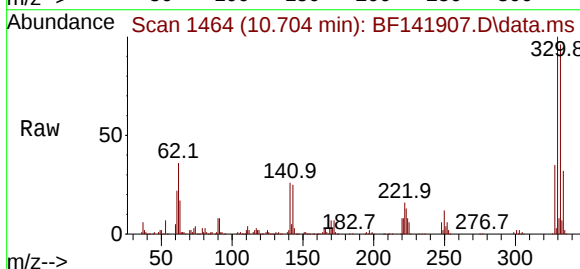
Tgt Ion:248 Resp: 49184

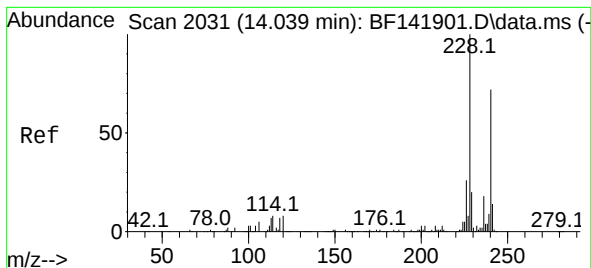
Ion Ratio Lower Upper

248 100

250 198.7 77.8 116.8#

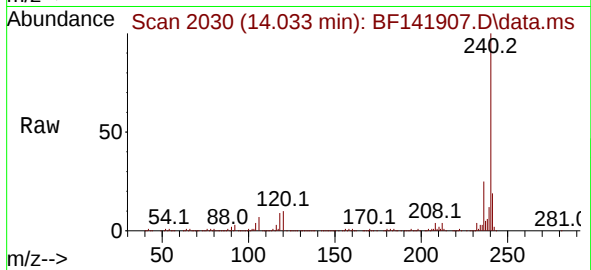
141 419.8 62.6 93.8#



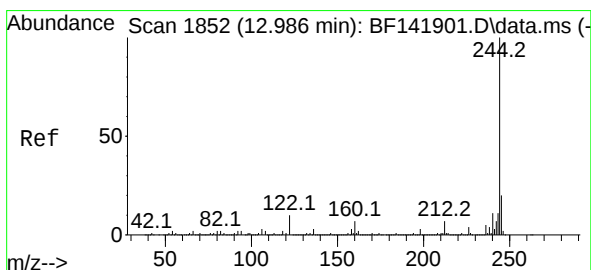
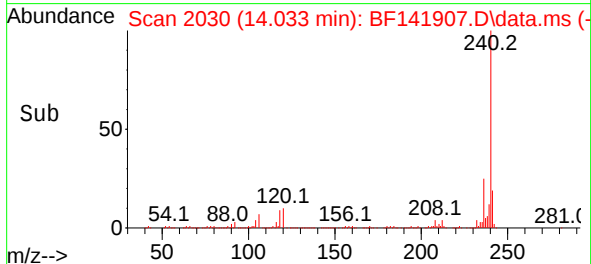
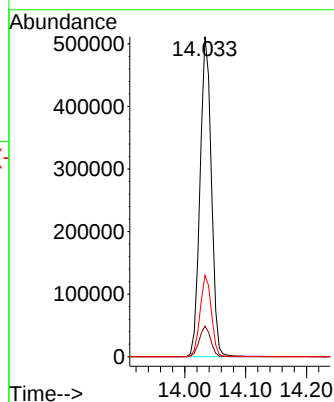


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

Instrument :
BNA_F
ClientSampleId :
PB167012BL

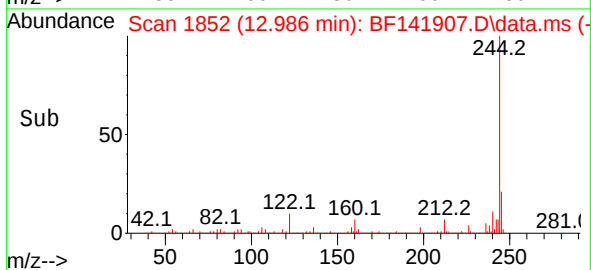
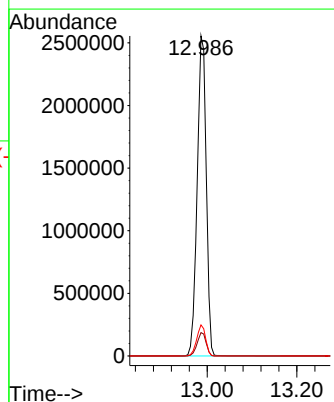
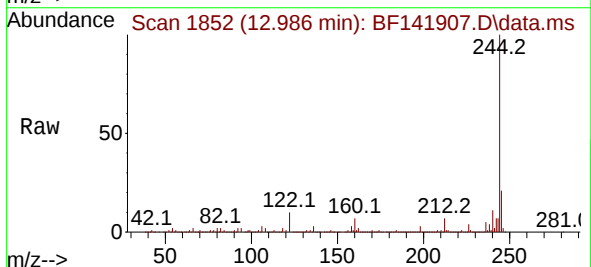


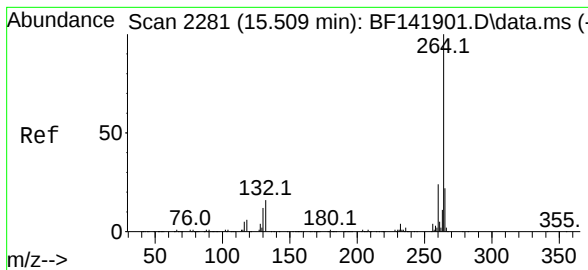
Tgt Ion:240 Resp: 661459
Ion Ratio Lower Upper
240 100
120 9.6 8.4 12.6
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 79.942 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF141907.D
Acq: 10 Mar 2025 17:09

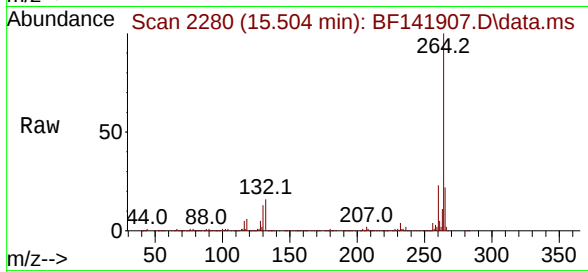
Tgt Ion:244 Resp: 3576592
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 9.7 7.7 11.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF141907.D
 Acq: 10 Mar 2025 17:09

Instrument :
 BNA_F
 ClientSampleId :
 PB167012BL



Tgt Ion:264 Resp: 462716

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.1	28.7
265	21.6	17.5	26.3

