

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
 Data File : BF141960.D
 Acq On : 14 Mar 2025 12:37
 Operator : RC/JU
 Sample : PB167103TB
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167103TB

Quant Time: Mar 14 13:01:49 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)

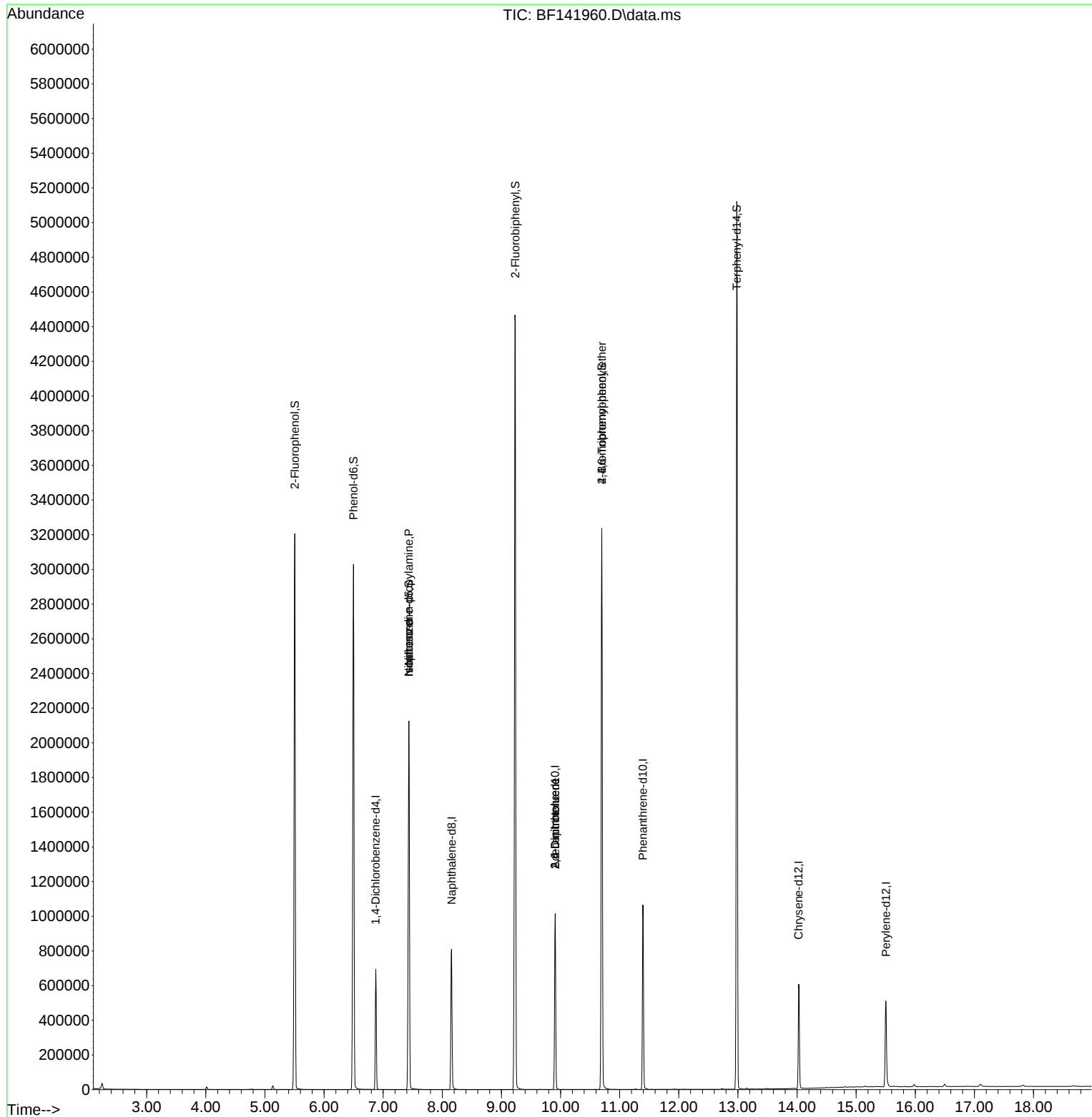
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	146803	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	565455	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	319438	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	562004	20.000	ng	-0.01
76) Chrysene-d12	14.027	240	311491	20.000	ng	-0.01
86) Perylene-d12	15.504	264	314533	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1299420	147.727	ng	0.01
7) Phenol-d6	6.498	99	1571966	140.362	ng	0.00
23) Nitrobenzene-d5	7.434	82	1050451	104.544	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	625074	154.244	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2181862	103.876	ng	0.00
79) Terphenyl-d14	12.980	244	2596782	123.253	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	146347	20.337	ng	# 78
25) Isophorone	7.434	82	1028026	57.880	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	41804	8.976	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	41804	6.872	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	38931	5.516	ng	# 1

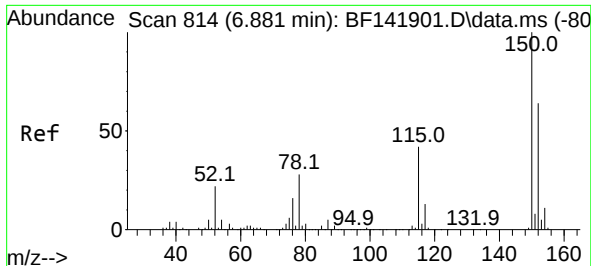
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031425\
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Quant Time: Mar 14 13:01:49 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

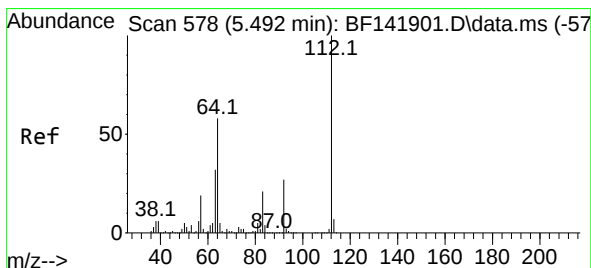
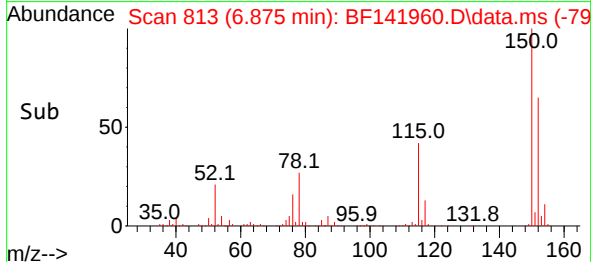
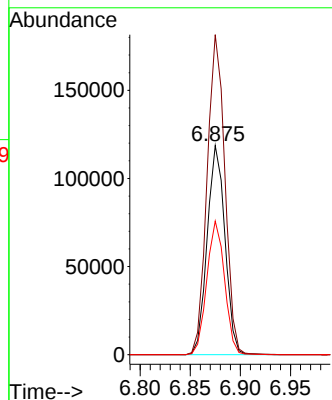
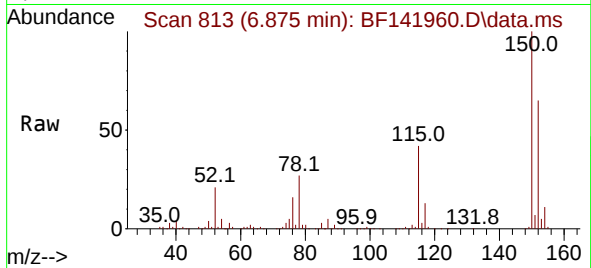




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

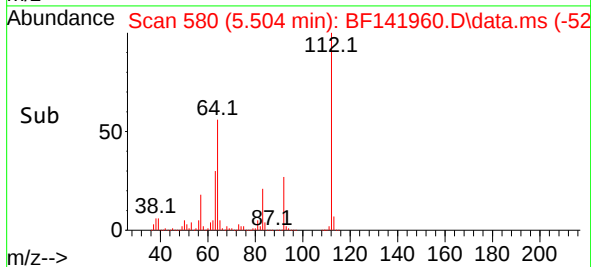
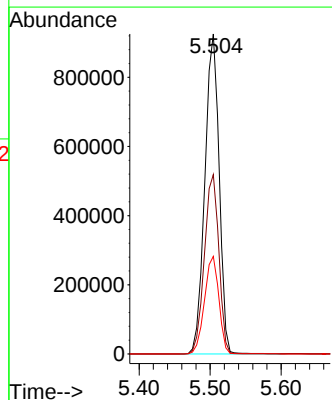
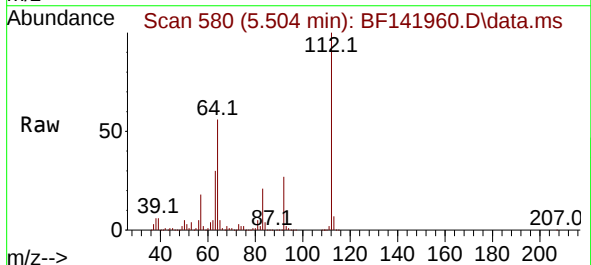
Instrument :
BNA_F
ClientSampleId :
PB167103TB

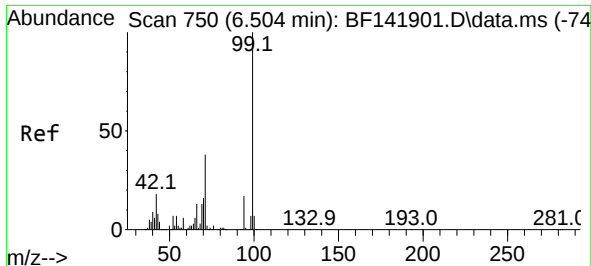
Tgt Ion:152 Resp: 146803
Ion Ratio Lower Upper
152 100
150 153.0 127.4 191.2
115 63.9 51.9 77.9



#5
2-Fluorophenol
Concen: 147.727 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion:112 Resp: 1299420
Ion Ratio Lower Upper
112 100
64 56.1 46.5 69.7
63 30.5 25.4 38.2

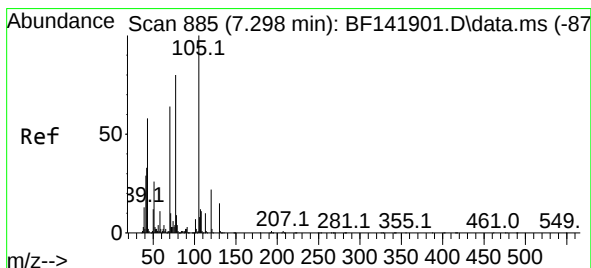
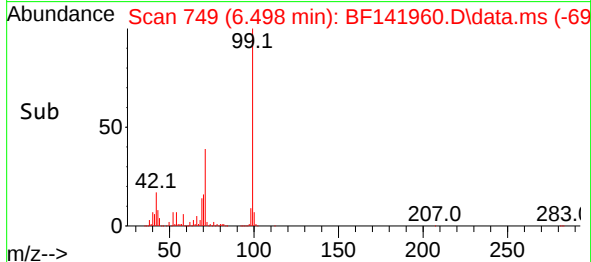
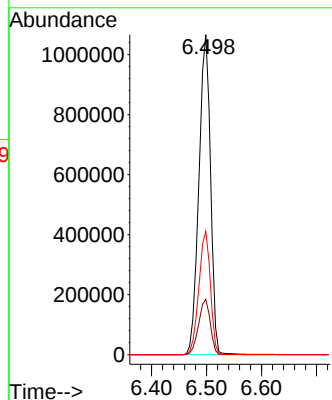
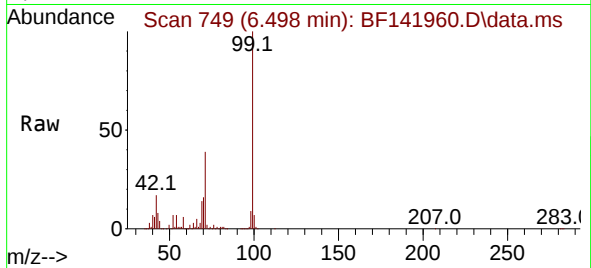




#7
Phenol-d6
Concen: 140.362 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

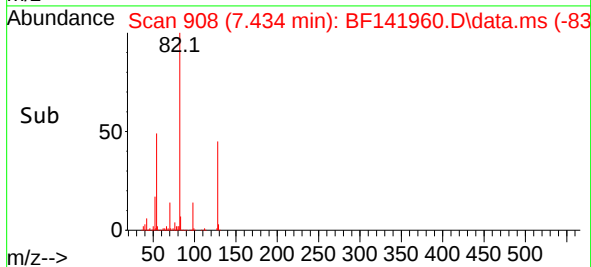
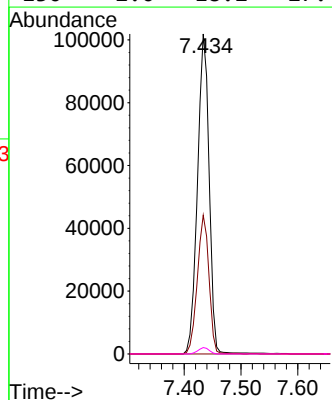
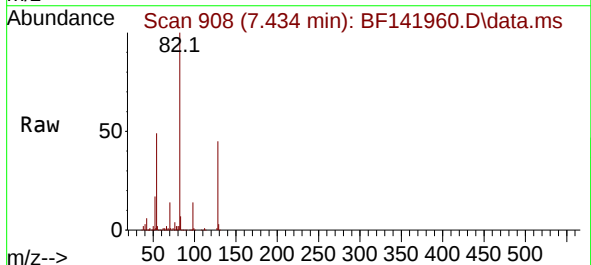
Instrument :
BNA_F
ClientSampleId :
PB167103TB

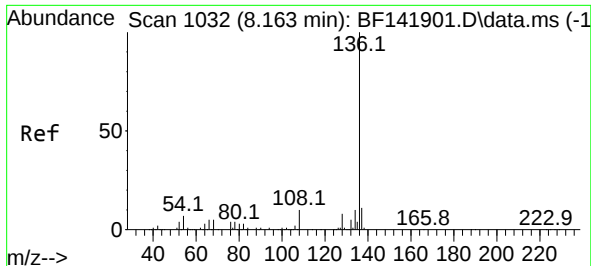
Tgt Ion: 99 Resp: 1571966
Ion Ratio Lower Upper
99 100
42 17.3 14.6 21.8
71 38.6 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.337 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.136 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion: 70 Resp: 146347
Ion Ratio Lower Upper
70 100
42 43.3 41.4 62.0
101 0.0 8.2 12.2#
130 2.0 18.2 27.4#

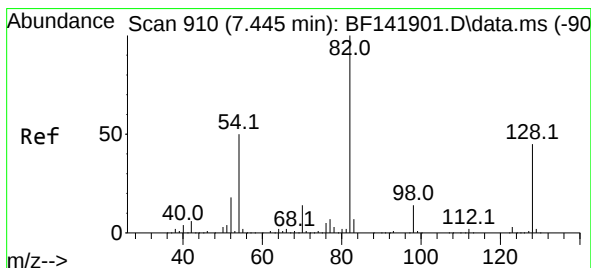
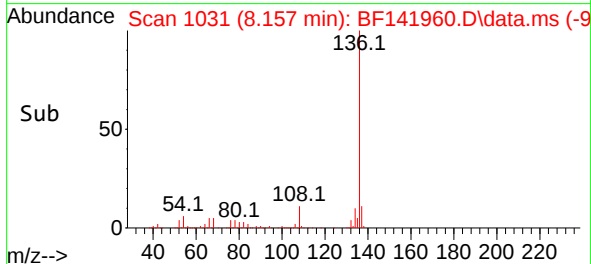
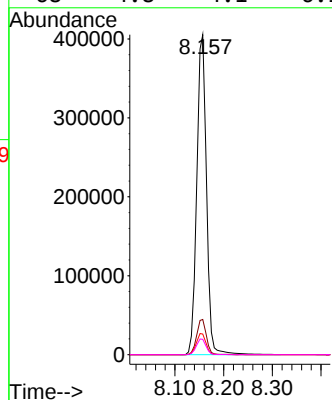
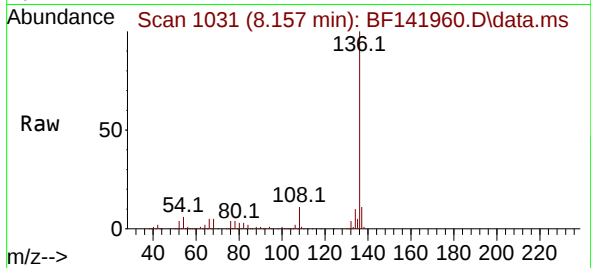




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

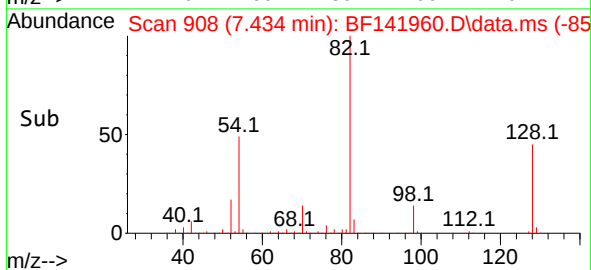
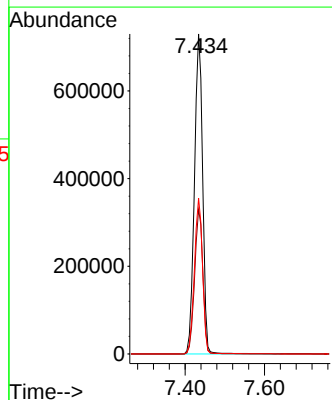
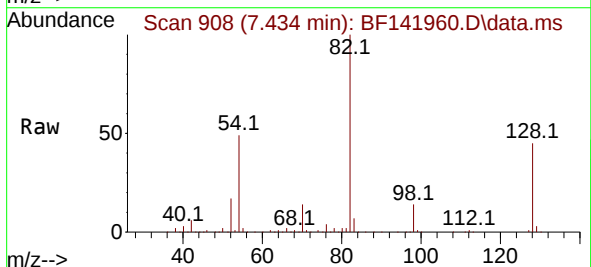
Instrument :
BNA_F
ClientSampleId :
PB167103TB

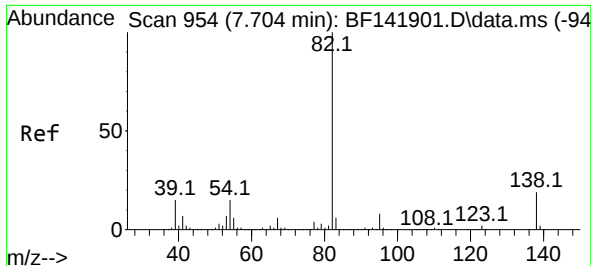
Tgt Ion:136 Resp: 565455
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.8 8.8
68 4.8 4.1 6.1



#23
Nitrobenzene-d5
Concen: 104.544 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion: 82 Resp: 1050451
Ion Ratio Lower Upper
82 100
128 45.2 36.0 54.0
54 48.7 39.6 59.4

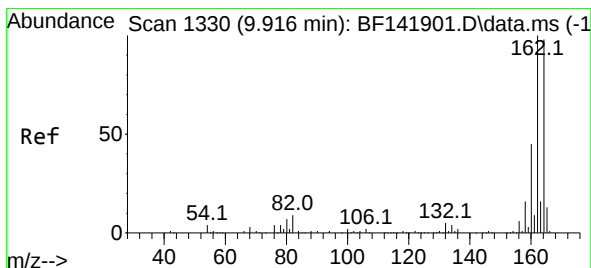
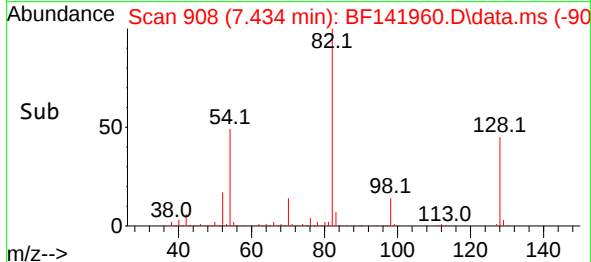
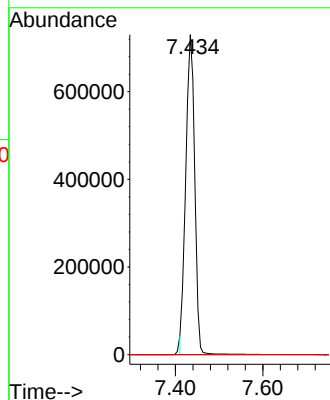
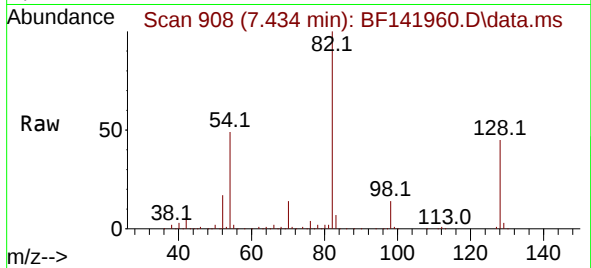




#25
Isophorone
Concen: 57.880 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

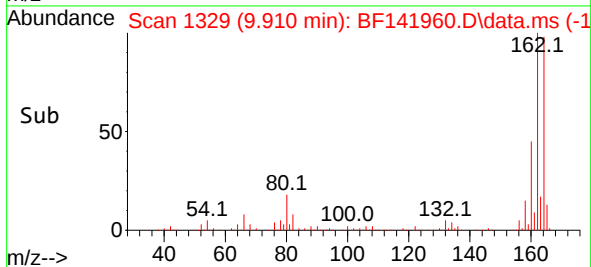
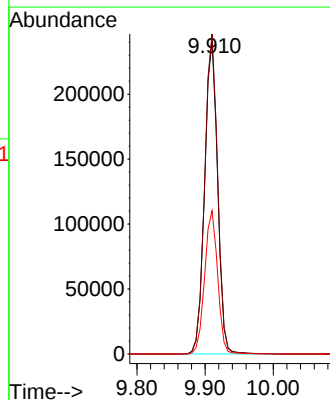
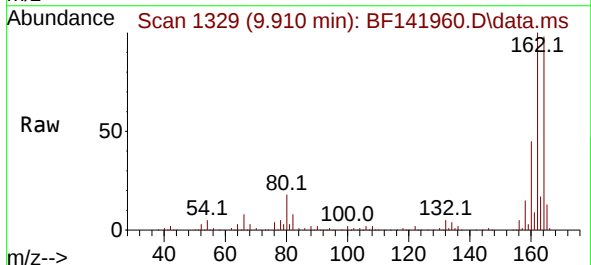
Instrument :
BNA_F
ClientSampleId :
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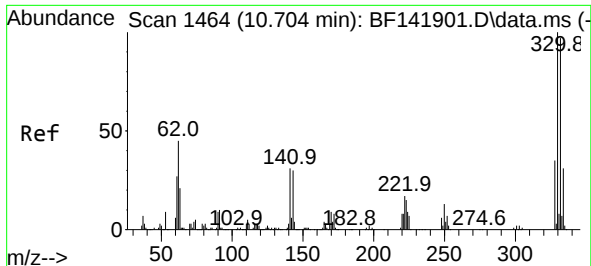
Tgt Ion: 82 Resp: 1028026
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion:164 Resp: 319438
Ion Ratio Lower Upper
164 100
162 102.2 81.8 122.6
160 45.7 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 154.244 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB167103TB

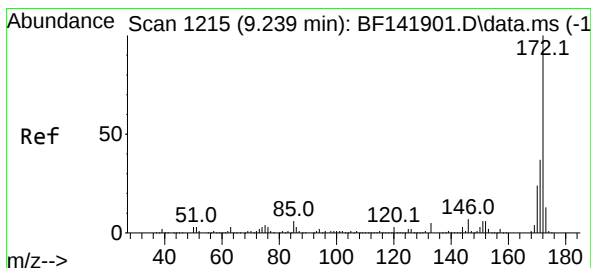
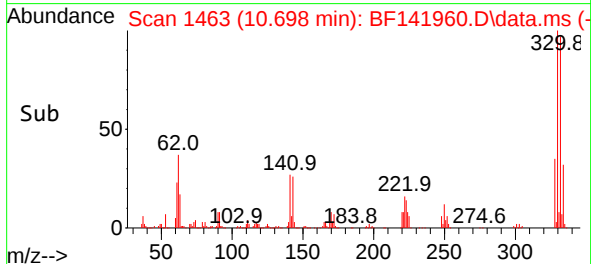
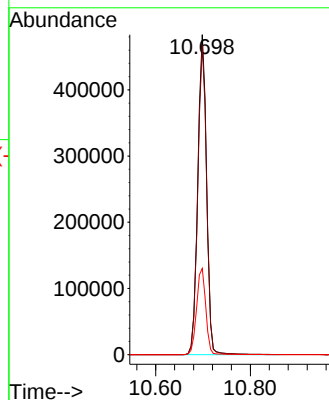
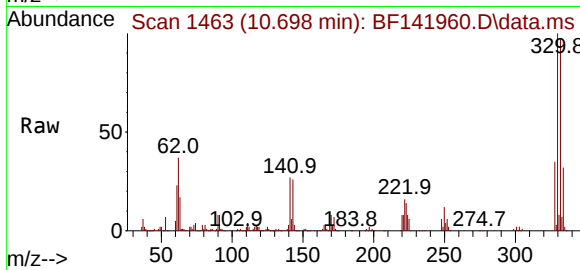
Tgt Ion:330 Resp: 625074

Ion Ratio Lower Upper

330 100

332 96.7 77.6 116.4

141 28.2 24.7 37.1



#45

2-Fluorobiphenyl

Concen: 103.876 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

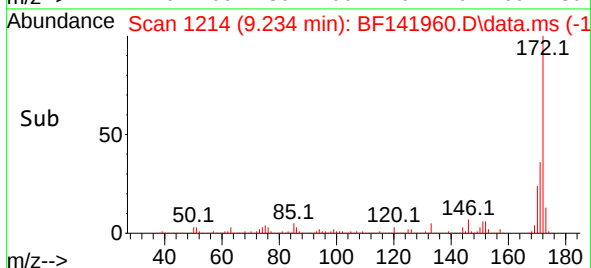
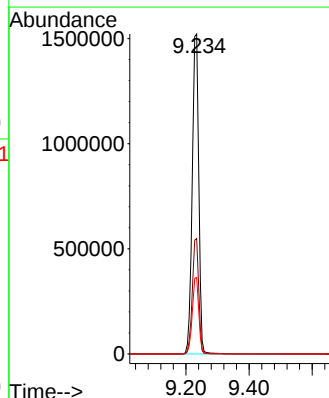
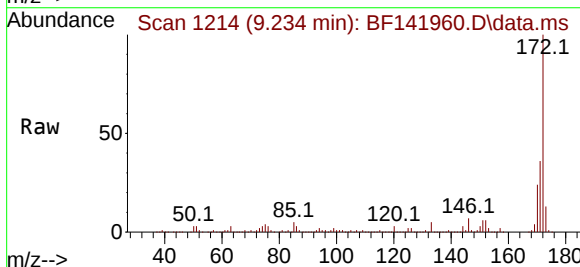
Tgt Ion:172 Resp: 2181862

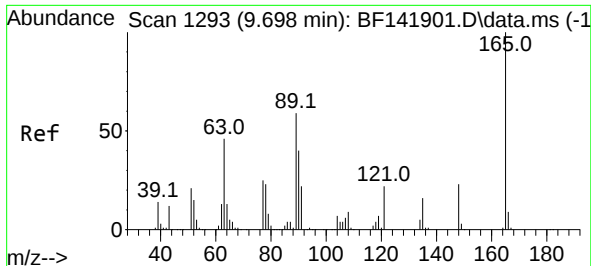
Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.9 19.4 29.0

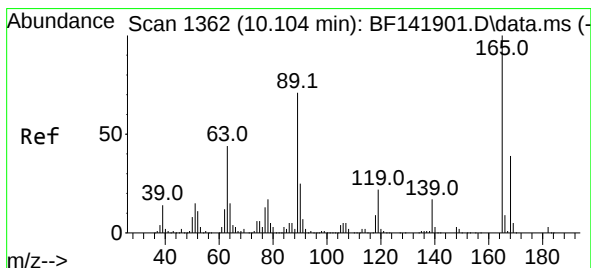
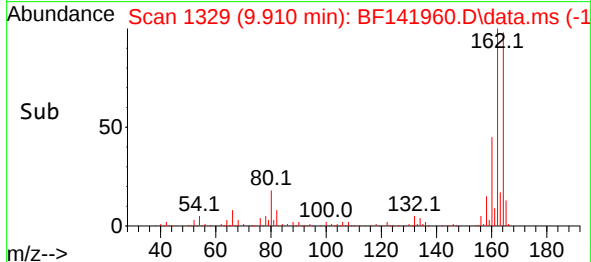
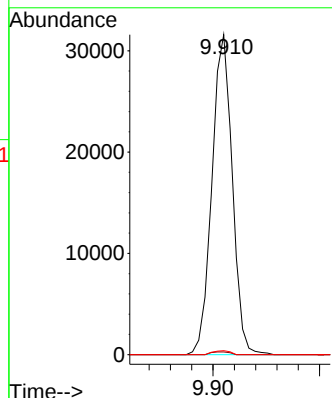
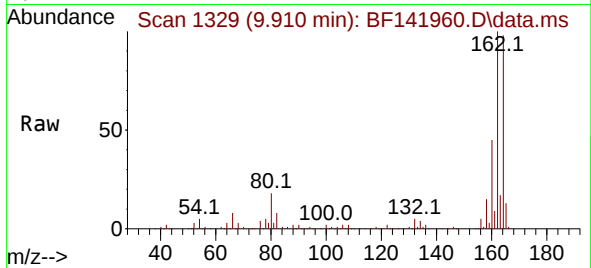




#51
2,6-Dinitrotoluene
Concen: 8.976 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

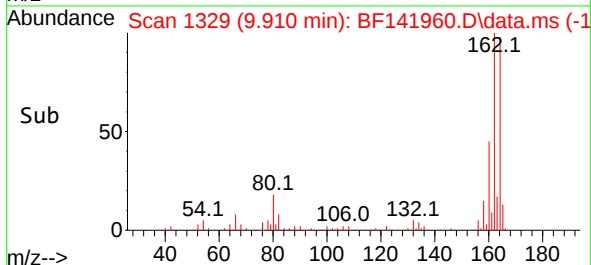
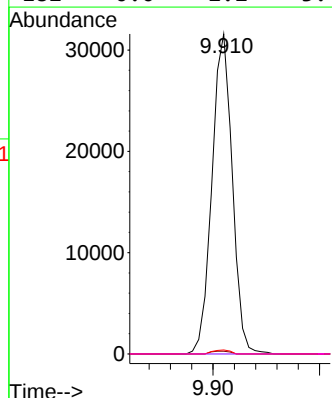
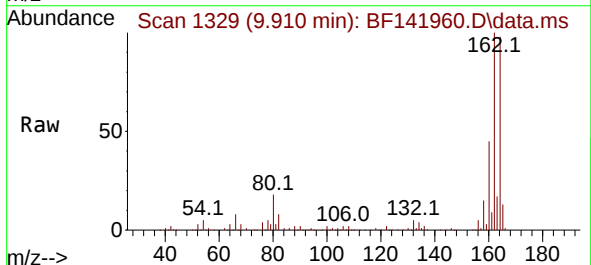
Instrument :
BNA_F
ClientSampleId :
PB167103TB

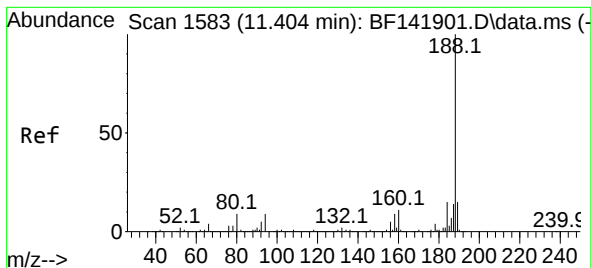
Tgt Ion:165 Resp: 41804
Ion Ratio Lower Upper
165 100
63 0.9 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.872 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion:165 Resp: 41804
Ion Ratio Lower Upper
165 100
63 0.9 35.4 53.2#
89 1.2 56.6 84.8#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB167103TB

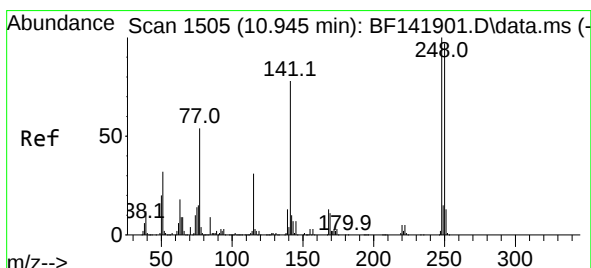
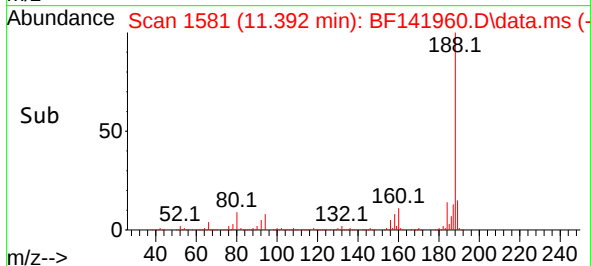
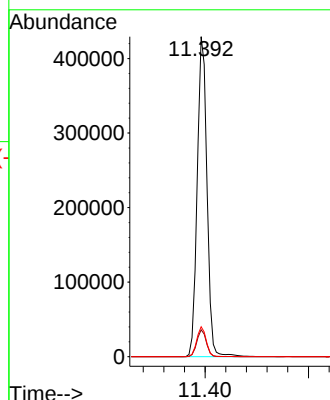
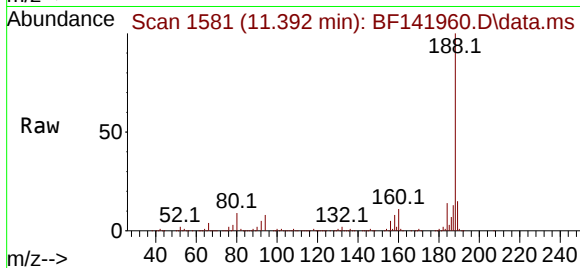
Tgt Ion:188 Resp: 562004

Ion Ratio Lower Upper

188 100

94 8.4 6.8 10.2

80 9.3 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.516 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF141960.D

Acq: 14 Mar 2025 12:37

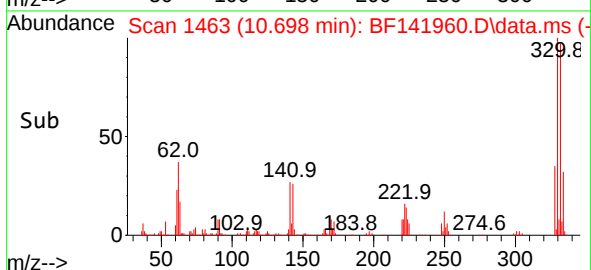
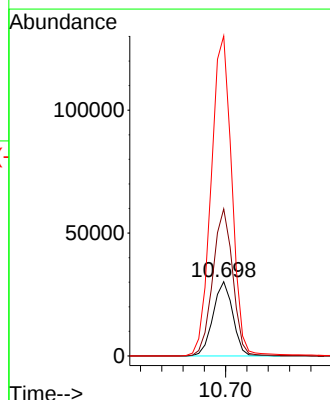
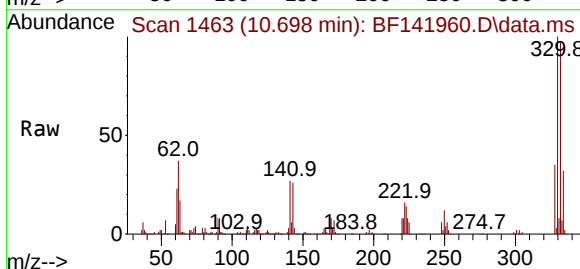
Tgt Ion:248 Resp: 38931

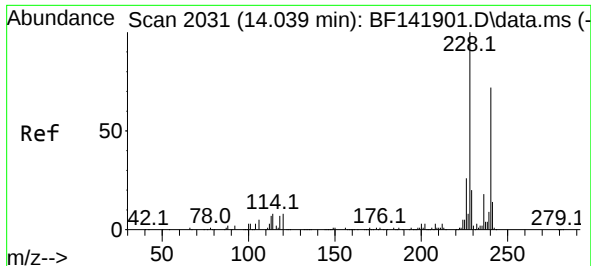
Ion Ratio Lower Upper

248 100

250 197.9 77.8 116.8#

141 430.8 62.6 93.8#

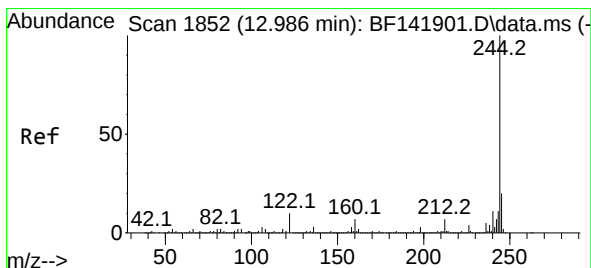
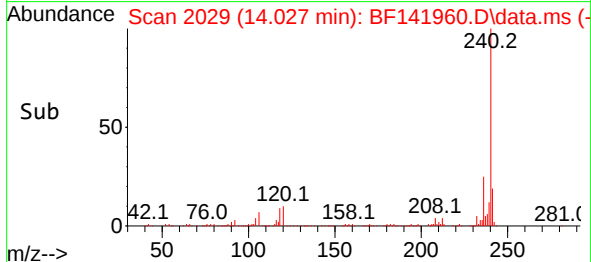
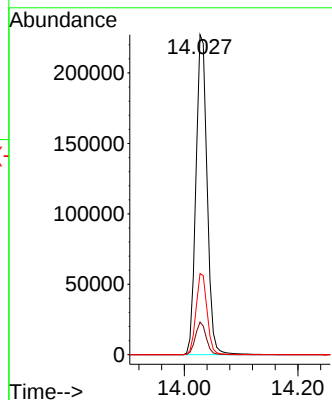
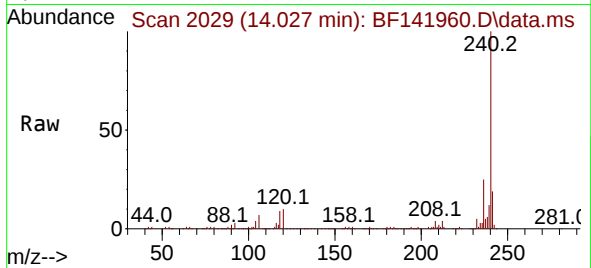




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2031
Delta R.T. -0.012 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

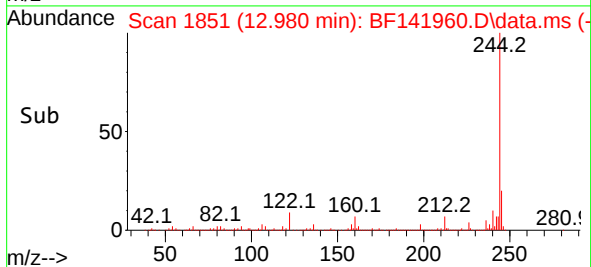
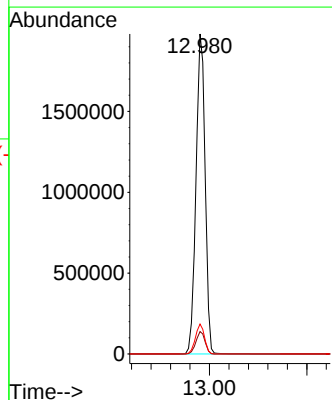
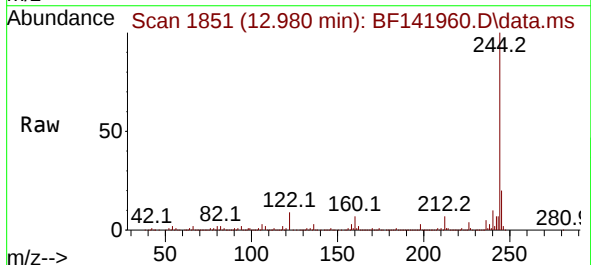
Instrument :
BNA_F
ClientSampleId :
PB167103TB

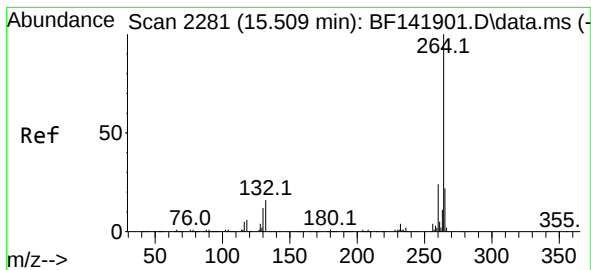
Tgt Ion:240 Resp: 311491
Ion Ratio Lower Upper
240 100
120 10.2 8.4 12.6
236 25.3 20.5 30.7



#79
Terphenyl-d14
Concen: 123.253 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BF141960.D
Acq: 14 Mar 2025 12:37

Tgt Ion:244 Resp: 2596782
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.3 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: BF141960.D

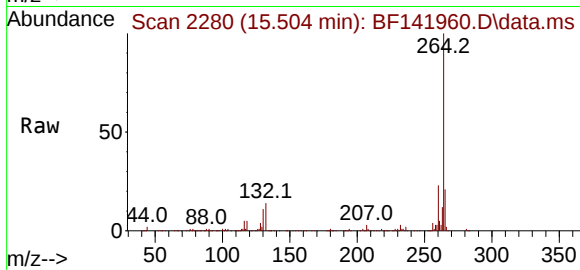
Acq: 14 Mar 2025 12:37

Instrument :

BNA_F

ClientSampleId :

PB167103TB



Tgt Ion:264 Resp: 314533

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.5 17.5 26.3

