

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031225\
 Data File : BF141932.D
 Acq On : 12 Mar 2025 10:37
 Operator : RC/JU
 Sample : PB167089BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167089BL

Quant Time: Mar 12 11:52:27 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)

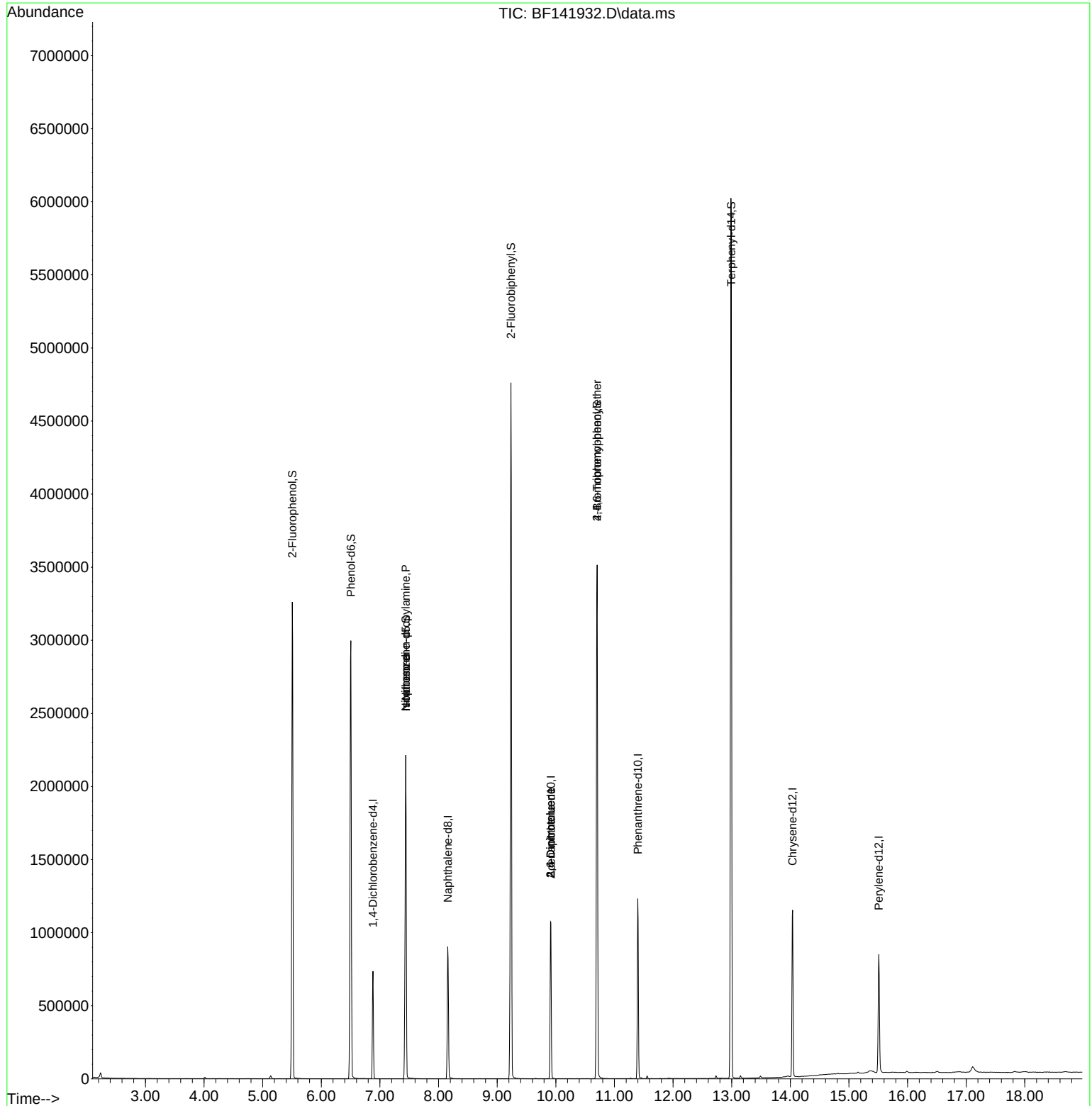
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	153751	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	614272	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	340780	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	627258	20.000	ng	0.00
76) Chrysene-d12	14.039	240	568132	20.000	ng	0.00
86) Perylene-d12	15.510	264	475542	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1296825	140.770	ng	0.01
7) Phenol-d6	6.504	99	1609646	137.232	ng	0.00
23) Nitrobenzene-d5	7.440	82	1079907	98.935	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	681622	157.664	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	2196902	98.042	ng	0.00
79) Terphenyl-d14	12.992	244	3241286	84.348	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.440	70	150346	19.948	ng	Qvalue # 77
25) Isophorone	7.440	82	1071455	55.531	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	44275	8.911	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	44275	6.822	ng	# 24
67) 4-Bromophenyl-phenylether	10.704	248	43088	5.470	ng	# 1

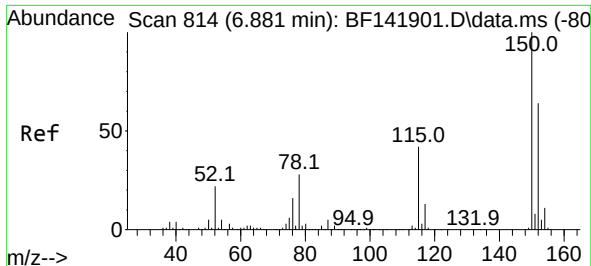
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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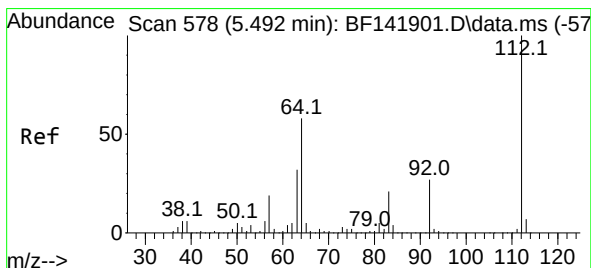
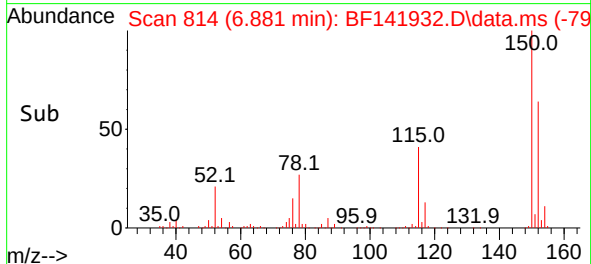
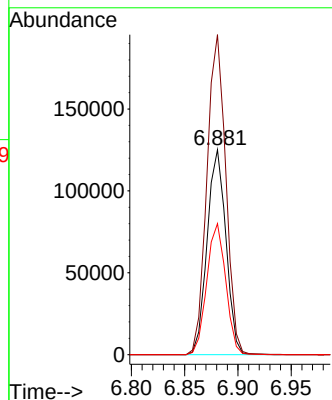
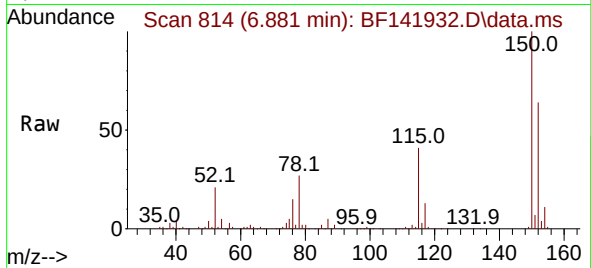




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

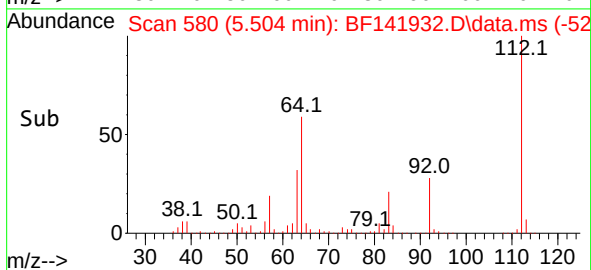
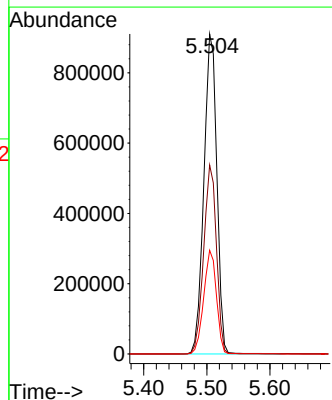
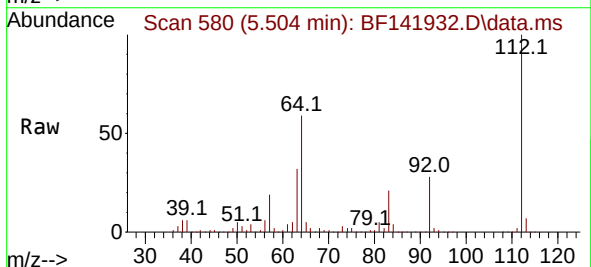
Instrument :
BNA_F
ClientSampleId :
PB167089BL

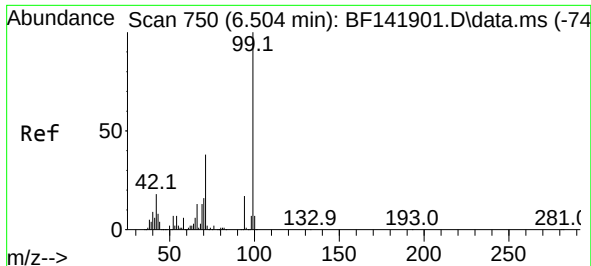
Tgt Ion:152 Resp: 153751
Ion Ratio Lower Upper
152 100
150 156.1 127.4 191.2
115 63.9 51.9 77.9



#5
2-Fluorophenol
Concen: 140.770 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:112 Resp: 1296825
Ion Ratio Lower Upper
112 100
64 59.1 46.5 69.7
63 32.4 25.4 38.2

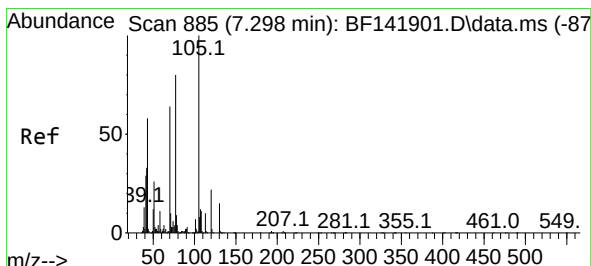
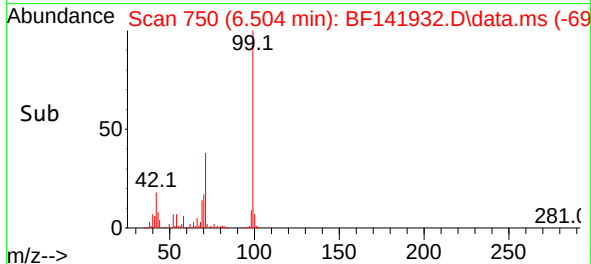
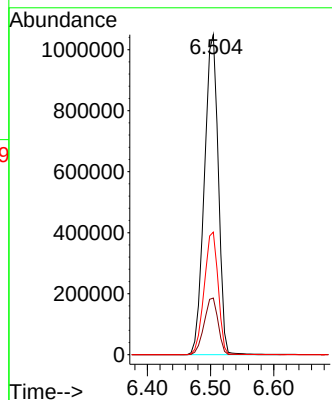
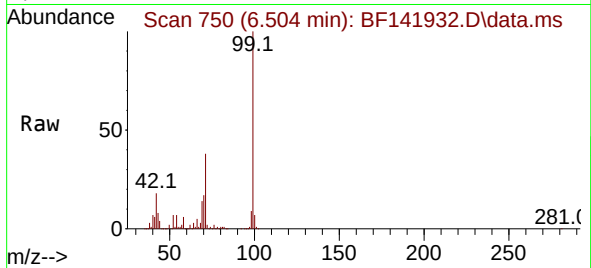




#7
Phenol-d6
Concen: 137.232 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

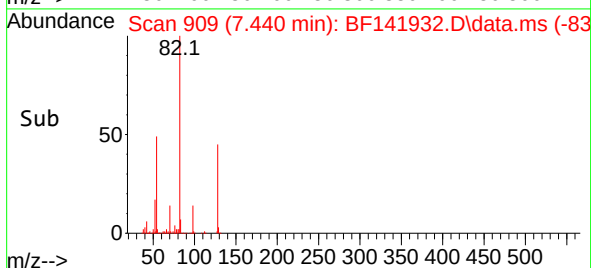
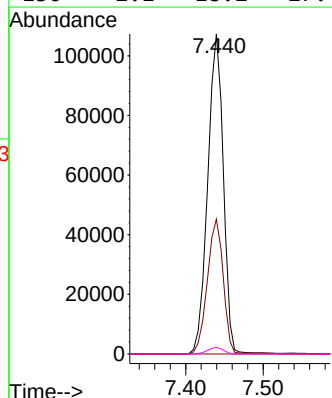
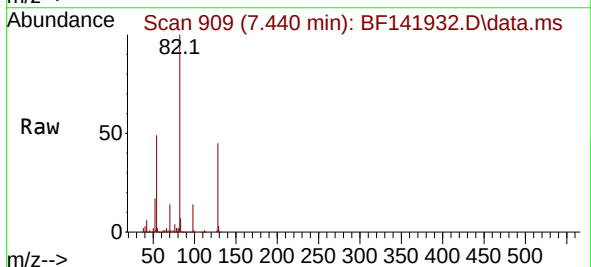
Instrument :
BNA_F
ClientSampleId :
PB167089BL

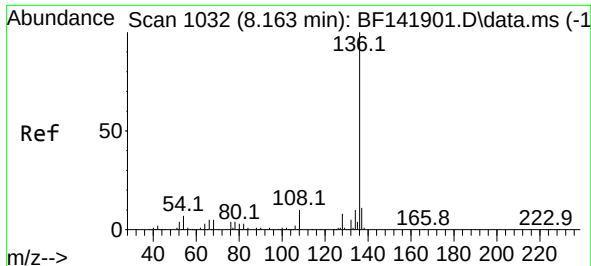
Tgt Ion: 99 Resp: 1609646
Ion Ratio Lower Upper
99 100
42 17.7 14.6 21.8
71 38.3 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.948 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion: 70 Resp: 150346
Ion Ratio Lower Upper
70 100
42 42.2 41.4 62.0
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#

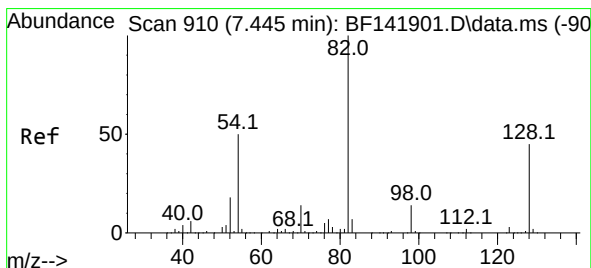
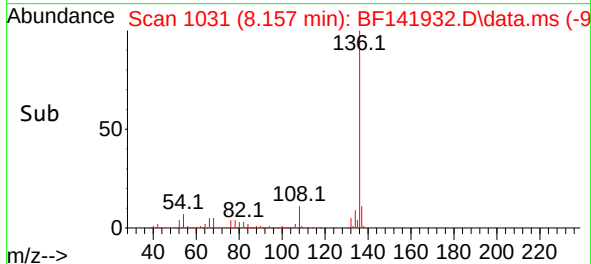
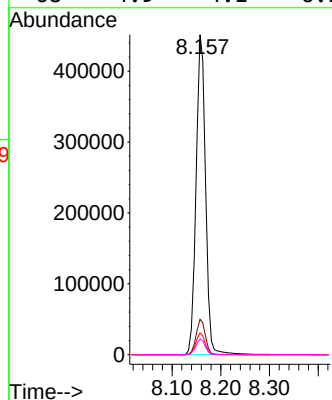
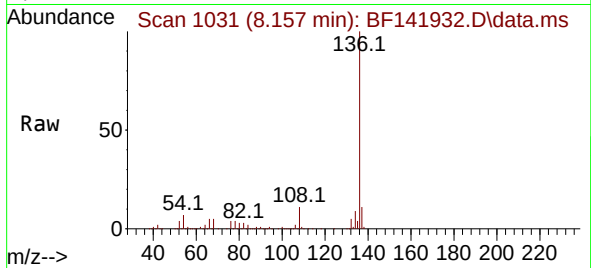




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

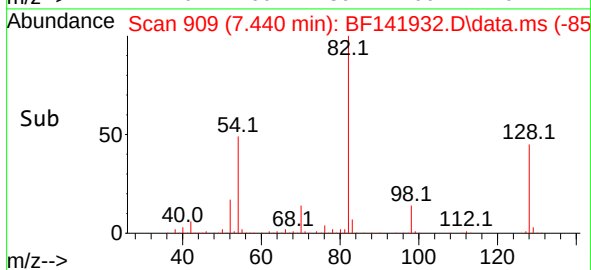
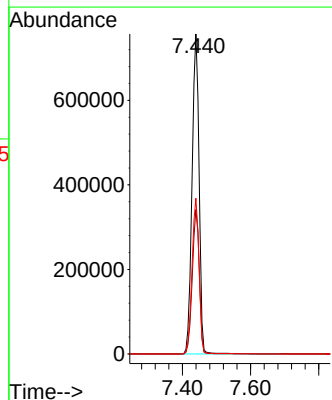
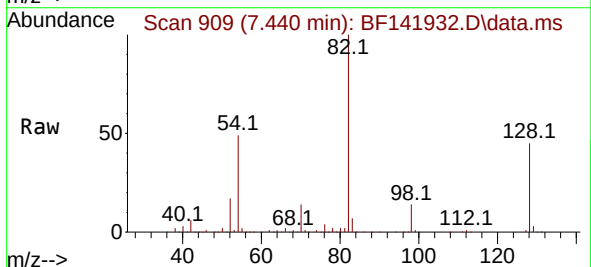
Instrument :
BNA_F
ClientSampleId :
PB167089BL

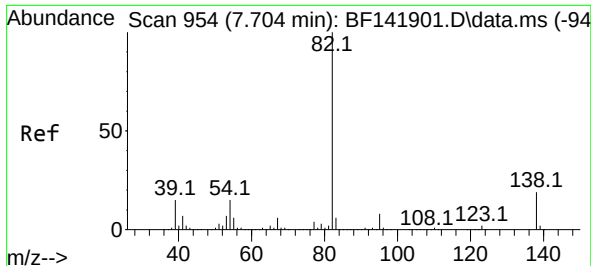
Tgt Ion:136 Resp: 614272
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 6.8 5.8 8.8
68 4.9 4.1 6.1



#23
Nitrobenzene-d5
Concen: 98.935 ng
RT: 7.440 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion: 82 Resp: 1079907
Ion Ratio Lower Upper
82 100
128 45.2 36.0 54.0
54 48.7 39.6 59.4

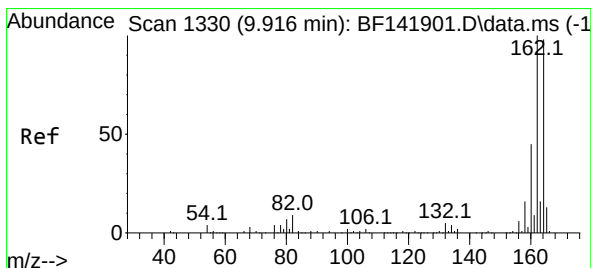
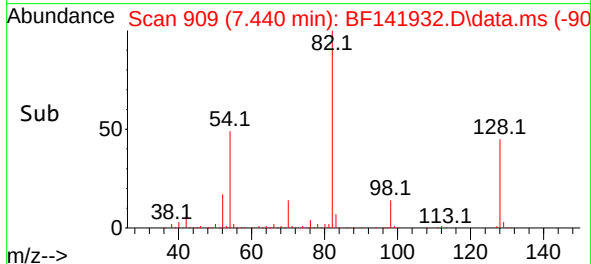
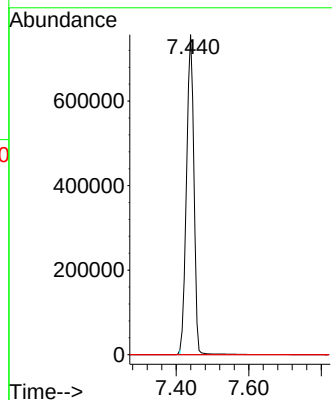
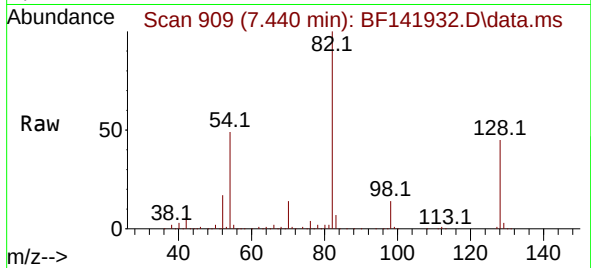




#25
Isophorone
Concen: 55.531 ng
RT: 7.440 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

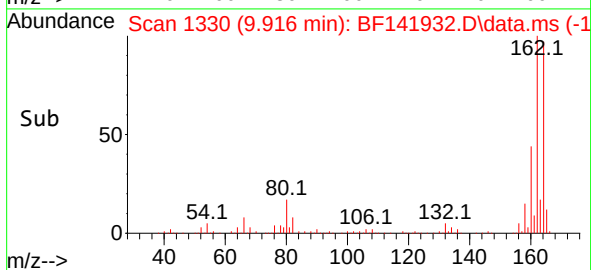
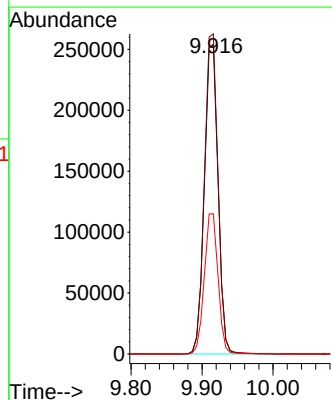
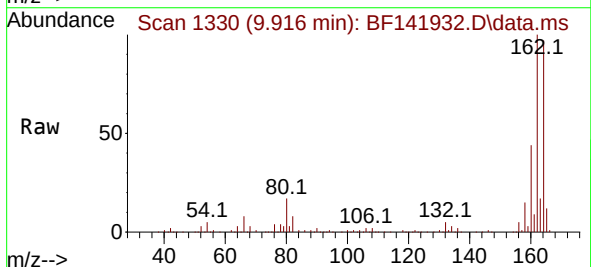
Instrument :
BNA_F
ClientSampleId :
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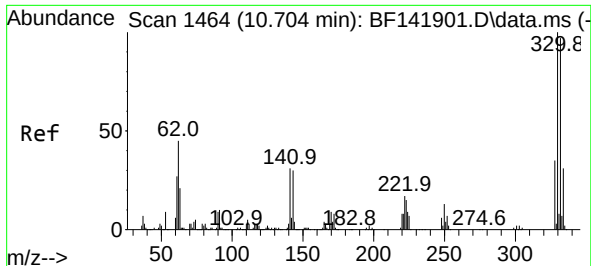
Tgt Ion: 82 Resp: 1071455
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

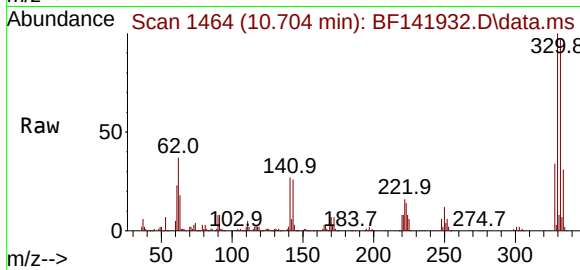
Tgt Ion:164 Resp: 340780
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 45.3 36.7 55.1



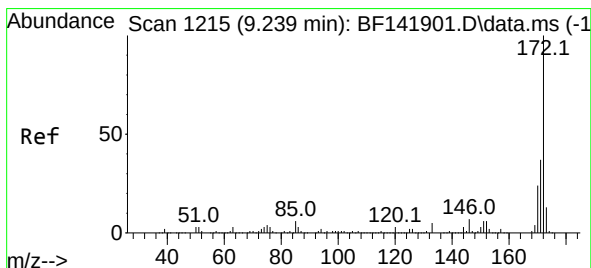
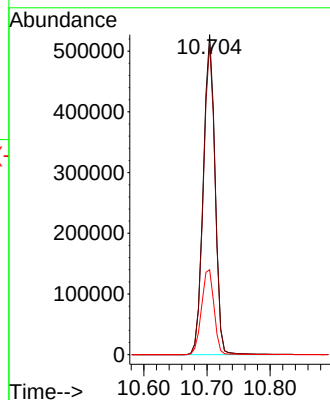
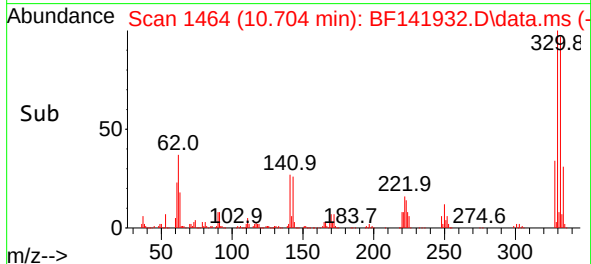


#42
2,4,6-Tribromophenol
Concen: 157.664 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Instrument :
BNA_F
ClientSampleId :
PB167089BL

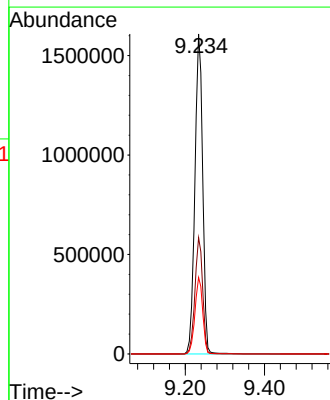
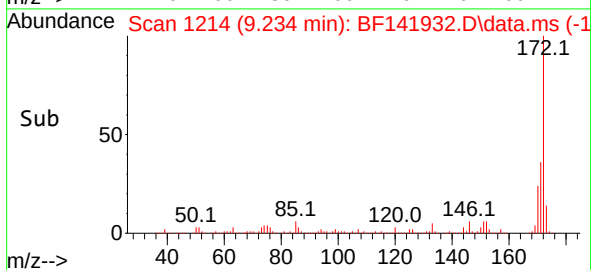
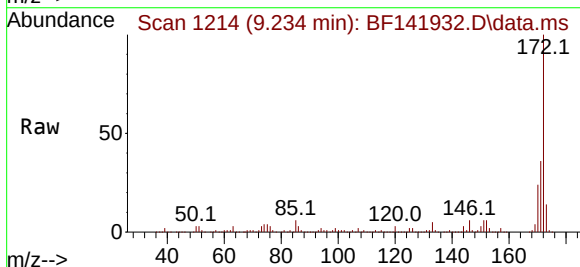


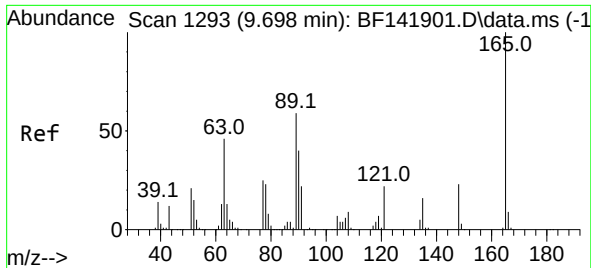
Tgt Ion:330 Resp: 681622
Ion Ratio Lower Upper
330 100
332 97.5 77.6 116.4
141 28.5 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 98.042 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:172 Resp: 2196902
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 23.9 19.4 29.0

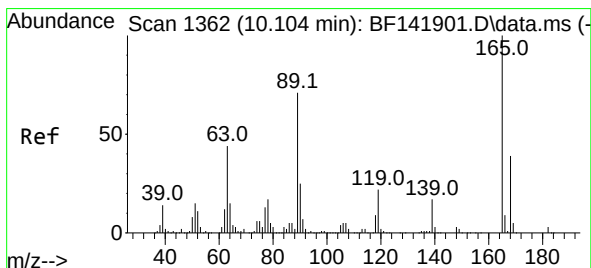
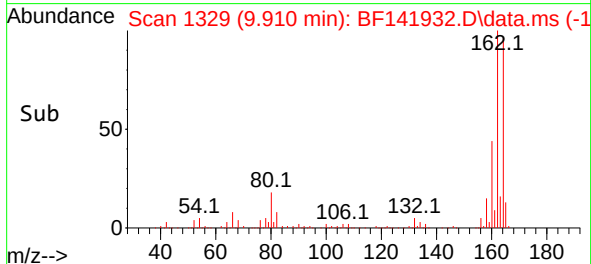
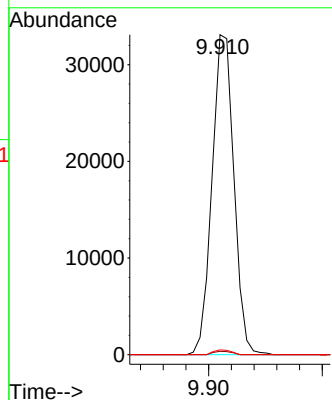
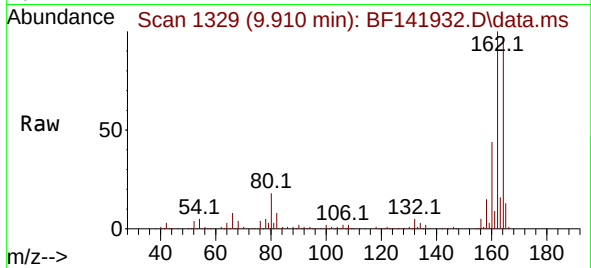




#51
2,6-Dinitrotoluene
Concen: 8.911 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

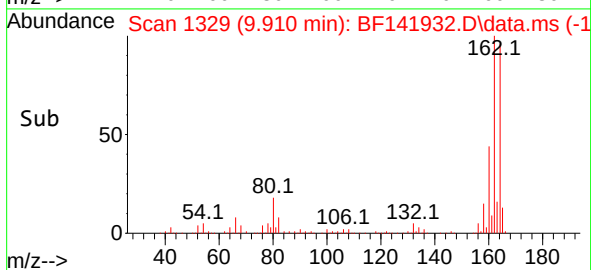
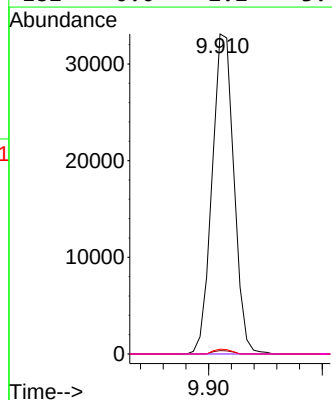
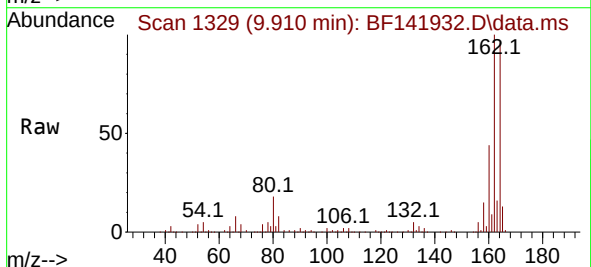
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ClientSampleId :
PB167089BL

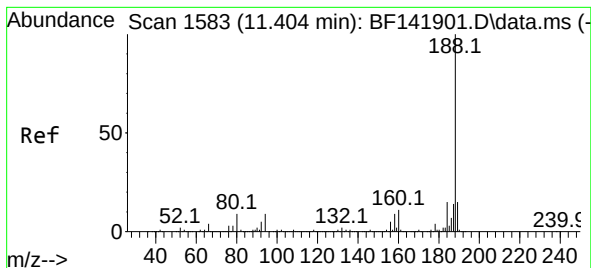
Tgt Ion:165 Resp: 44275
Ion Ratio Lower Upper
165 100
63 1.0 47.0 70.4#
89 1.5 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.822 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF141932.D
Acq: 12 Mar 2025 10:37

Tgt Ion:165 Resp: 44275
Ion Ratio Lower Upper
165 100
63 1.0 35.4 53.2#
89 1.5 56.6 84.8#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141932.D

Acq: 12 Mar 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB167089BL

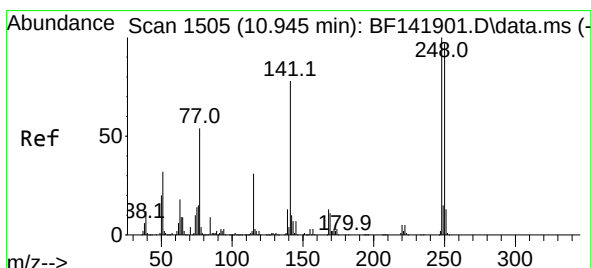
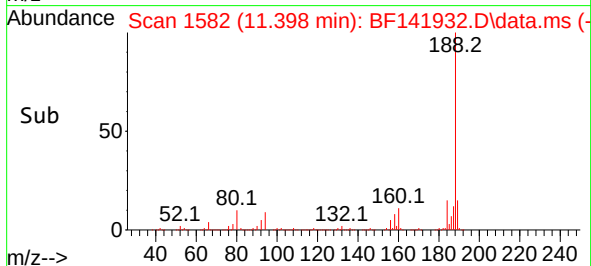
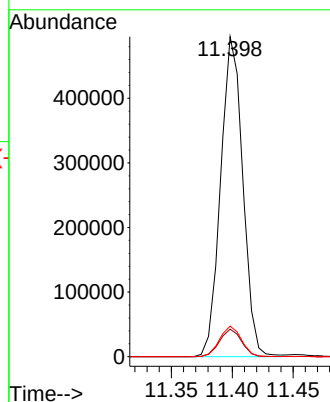
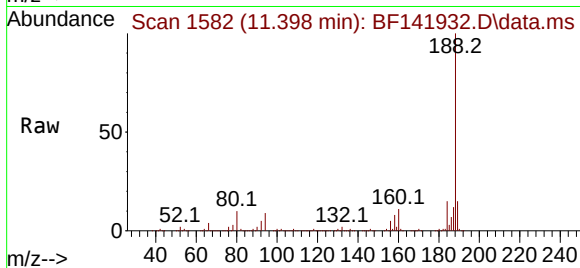
Tgt Ion:188 Resp: 627258

Ion Ratio Lower Upper

188 100

94 8.6 6.8 10.2

80 9.5 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.470 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF141932.D

Acq: 12 Mar 2025 10:37

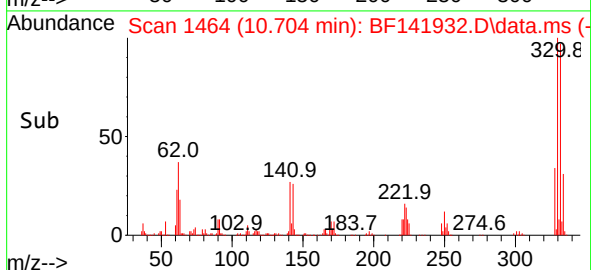
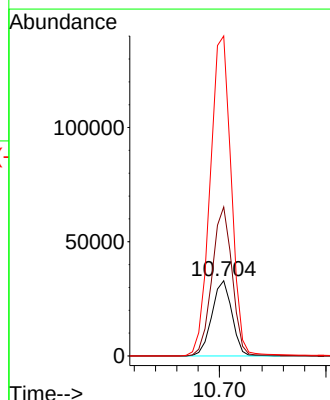
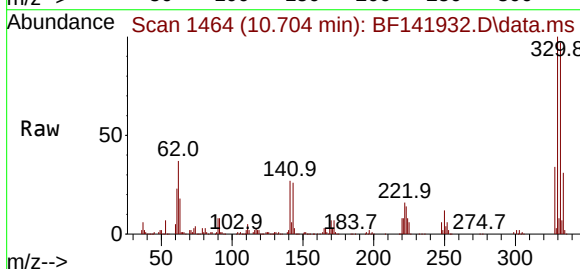
Tgt Ion:248 Resp: 43088

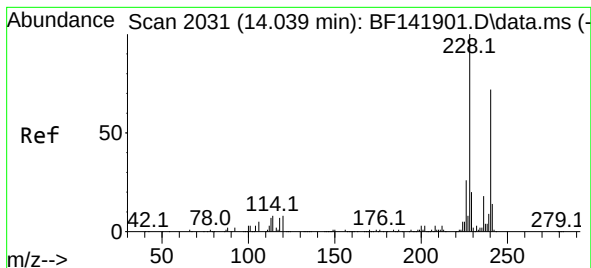
Ion Ratio Lower Upper

248 100

250 198.2 77.8 116.8#

141 425.8 62.6 93.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF141932.D

Acq: 12 Mar 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB167089BL

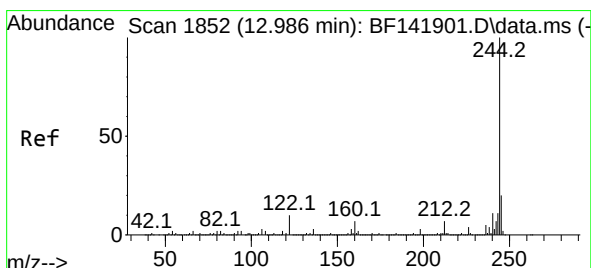
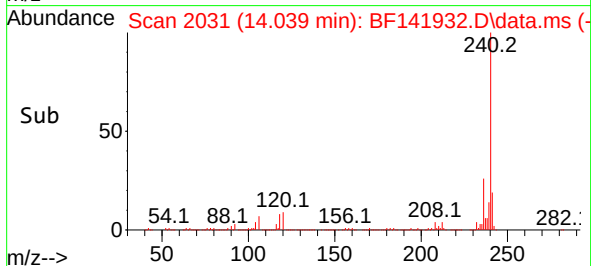
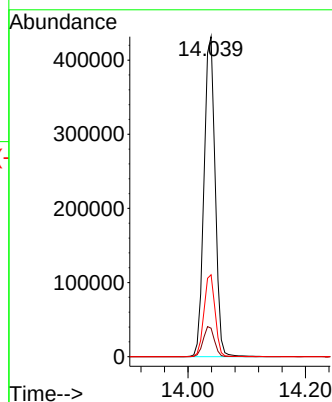
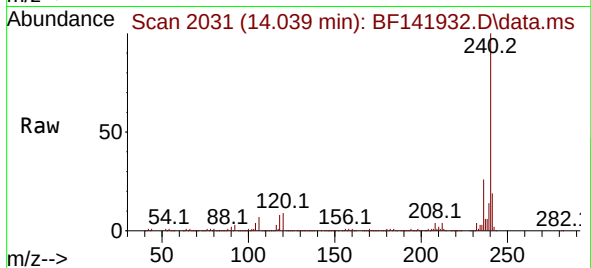
Tgt Ion:240 Resp: 568132

Ion Ratio Lower Upper

240 100

120 8.9 8.4 12.6

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 84.348 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF141932.D

Acq: 12 Mar 2025 10:37

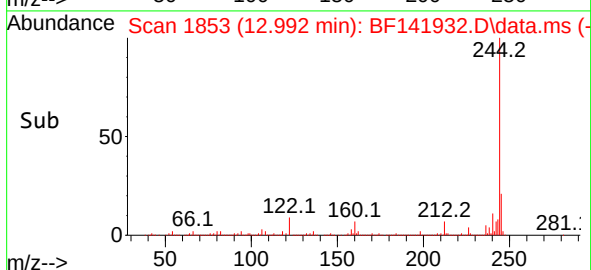
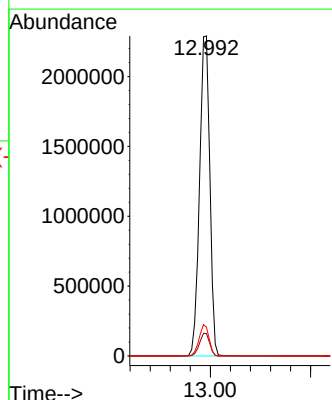
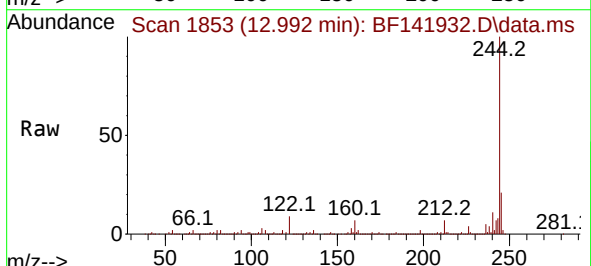
Tgt Ion:244 Resp: 3241286

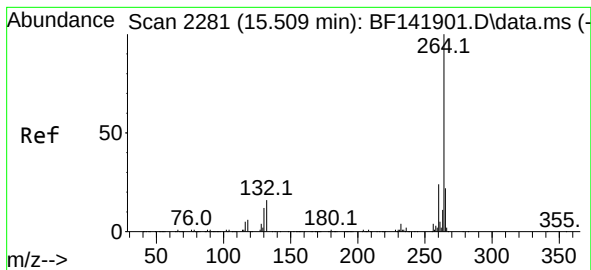
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.0 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF141932.D

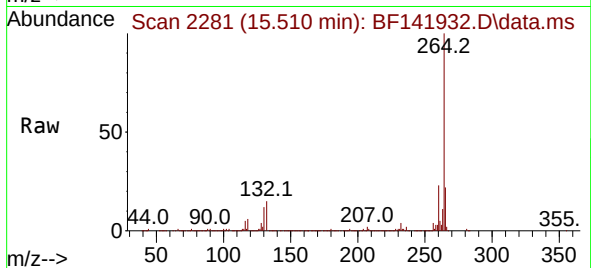
Acq: 12 Mar 2025 10:37

Instrument :

BNA_F

ClientSampleId :

PB167089BL



Tgt Ion:264 Resp: 475542

Ion Ratio Lower Upper

264 100

260 23.4 19.1 28.7

265 21.9 17.5 26.3

