

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
 Data File : BF142069.D
 Acq On : 25 Mar 2025 10:39
 Operator : RC/JU
 Sample : PB167274BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BL

Quant Time: Mar 25 11:23:09 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

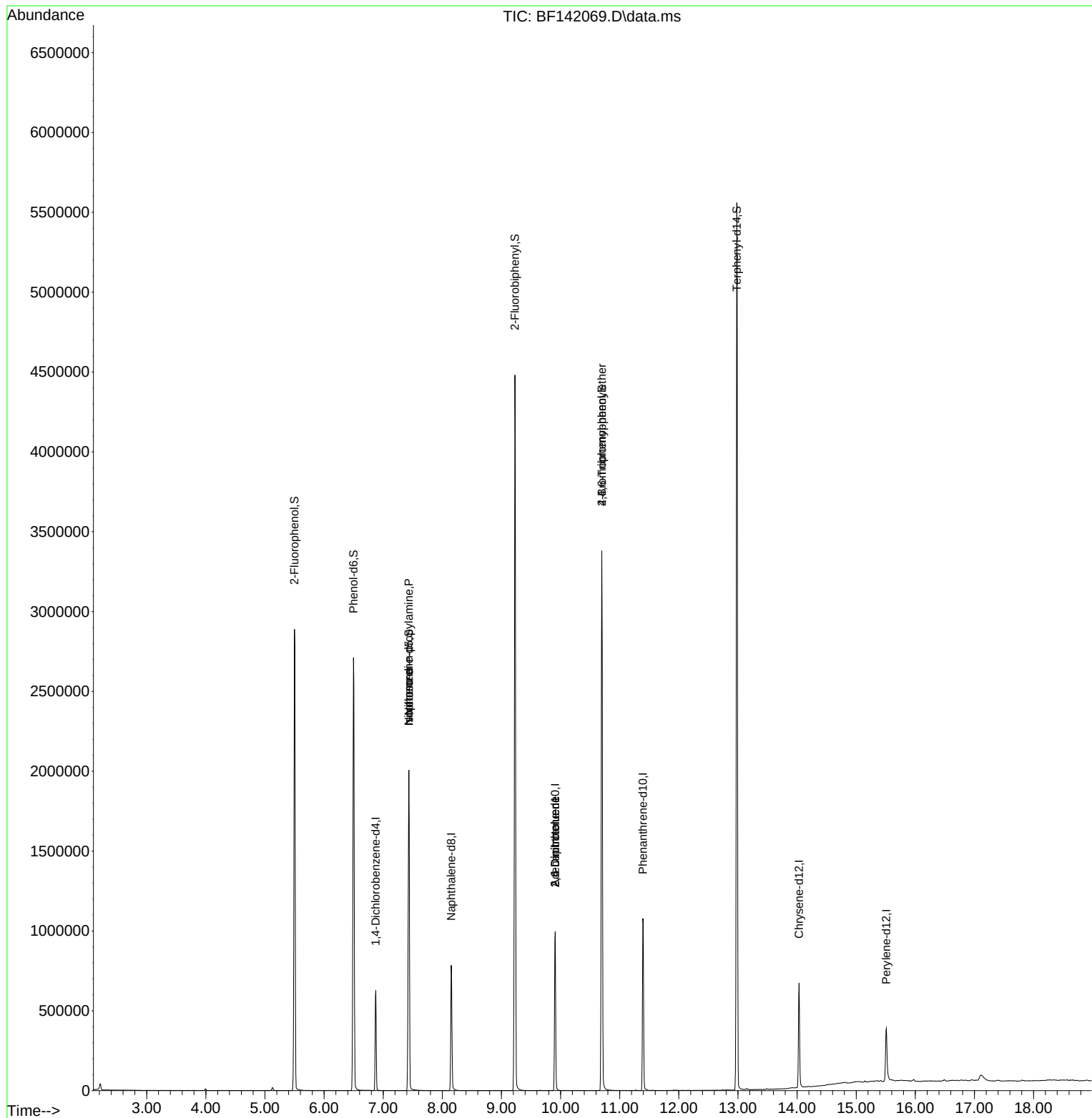
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	136368	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	549780	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	317708	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	598292	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	346843	20.000	ng	0.00
86) Perylene-d12	15.509	264	240104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1192347	145.927	ng	0.00
7) Phenol-d6	6.498	99	1444943	138.893	ng	0.00
23) Nitrobenzene-d5	7.433	82	975331	99.836	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	680231	168.769	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	2078783	99.508	ng	-0.01
79) Terphenyl-d14	12.980	244	2927722	124.797	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	135912	20.332	ng	# 76
25) Isophorone	7.433	82	960651	55.629	ng	# 64
51) 2,6-Dinitrotoluene	9.910	165	40986	8.848	ng	# 23
57) 2,4-Dinitrotoluene	9.910	165	40986	6.774	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	41352	5.503	ng	# 1

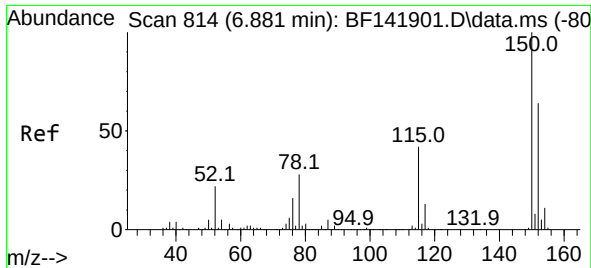
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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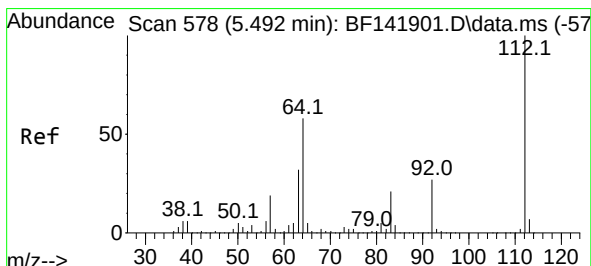
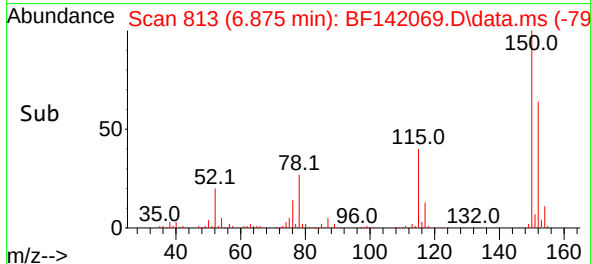
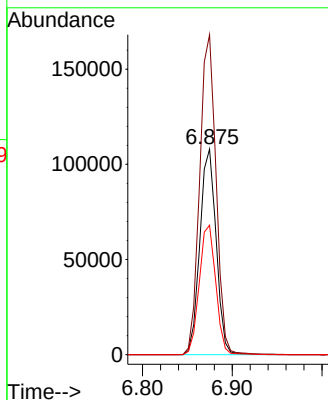
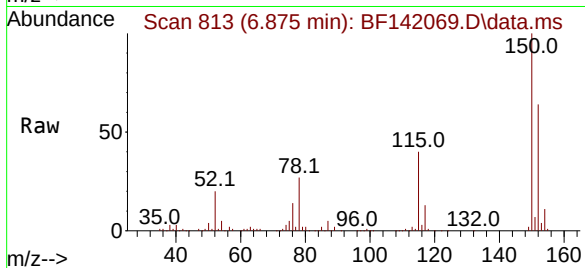




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 814
 Delta R.T. -0.006 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

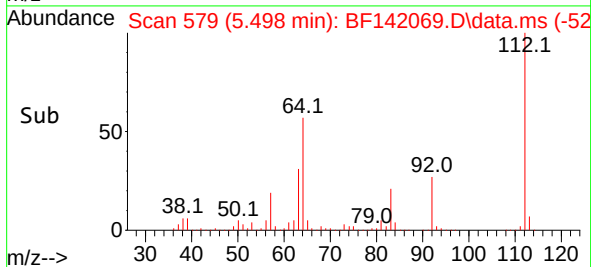
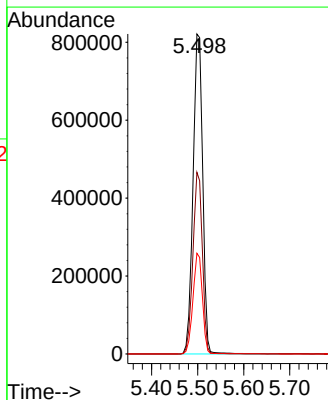
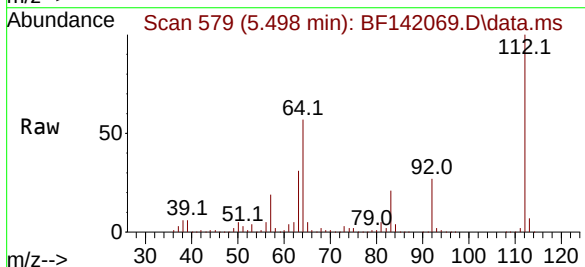
Instrument :
 BNA_F
 ClientSampleId :
 PB167274BL

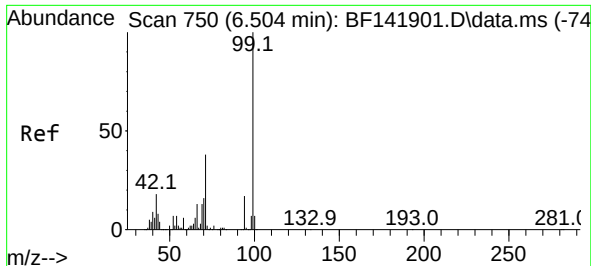
Tgt Ion:152 Resp: 136368
 Ion Ratio Lower Upper
 152 100
 150 155.7 127.4 191.2
 115 63.0 51.9 77.9



#5
 2-Fluorophenol
 Concen: 145.927 ng
 RT: 5.498 min Scan# 579
 Delta R.T. 0.006 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

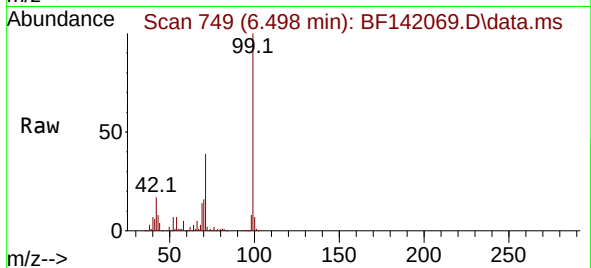
Tgt Ion:112 Resp: 1192347
 Ion Ratio Lower Upper
 112 100
 64 56.8 46.5 69.7
 63 31.5 25.4 38.2





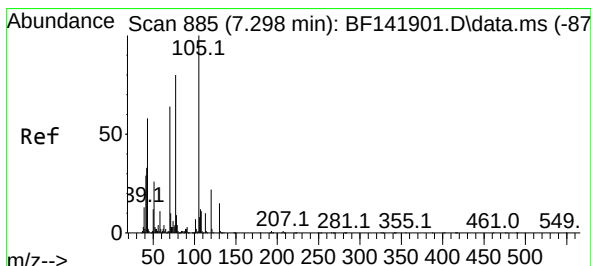
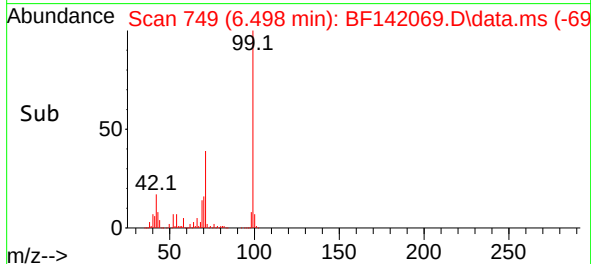
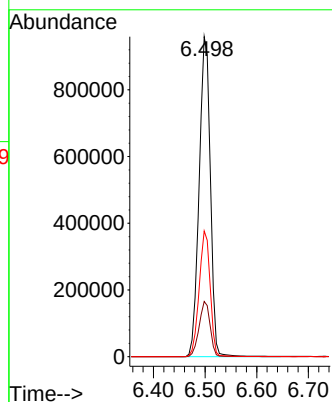
#7
Phenol-d6
Concen: 138.893 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL



Tgt Ion: 99 Resp: 1444943

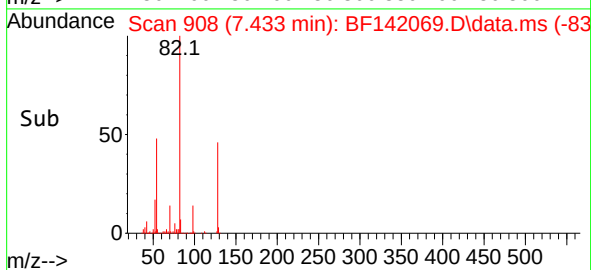
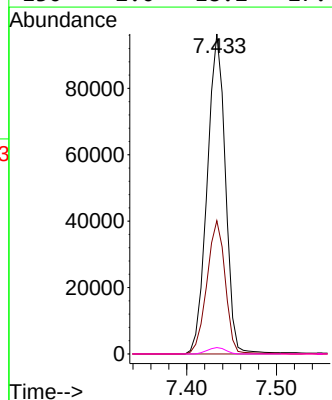
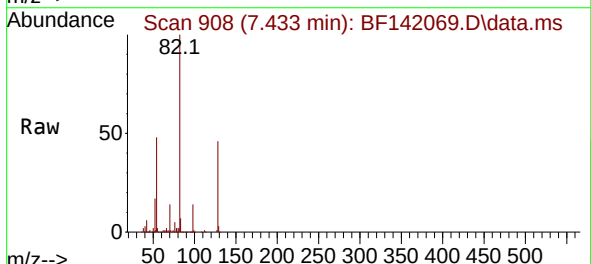
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.6	21.8
71	39.3	30.8	46.2

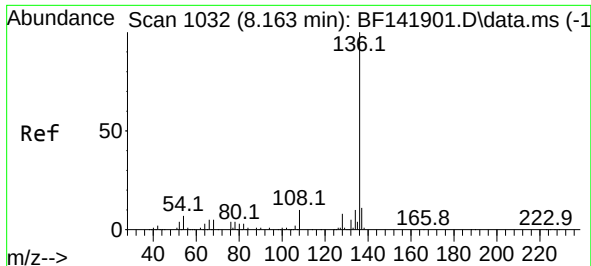


#19
n-Nitroso-di-n-propylamine
Concen: 20.332 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.135 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion: 70 Resp: 135912

Ion	Ratio	Lower	Upper
70	100		
42	41.6	41.4	62.0
101	0.0	8.2	12.2#
130	2.0	18.2	27.4#



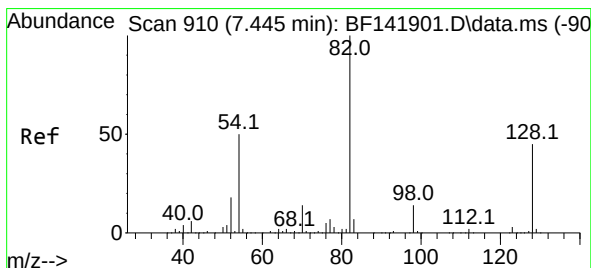
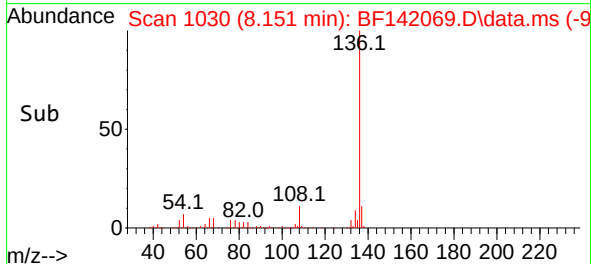
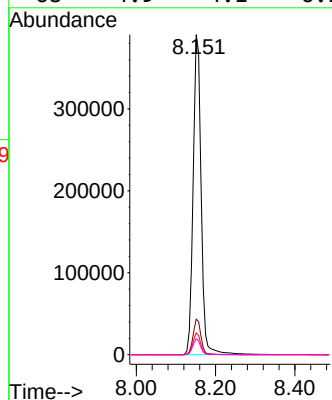
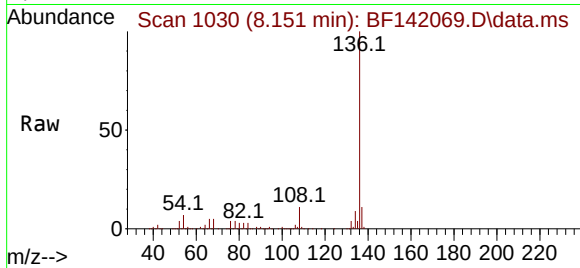


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Instrument :
BNA_F
ClientSampleId :
PB167274BL

Tgt Ion:136 Resp: 549780

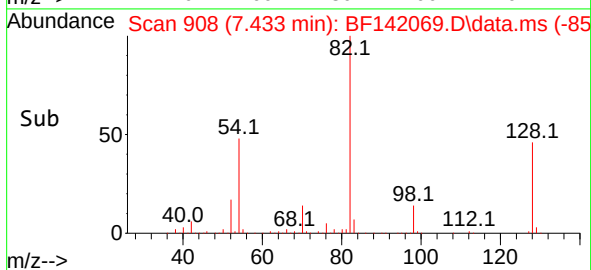
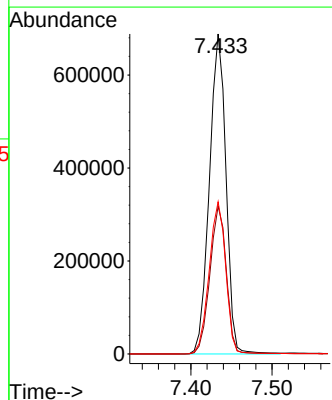
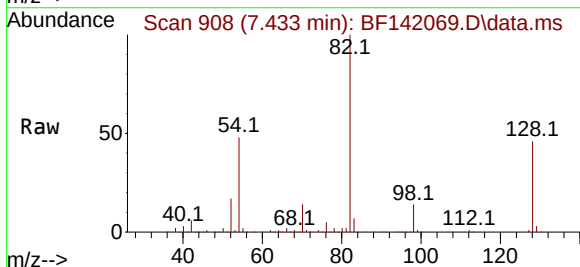
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.8	5.8	8.8
68	4.9	4.1	6.1

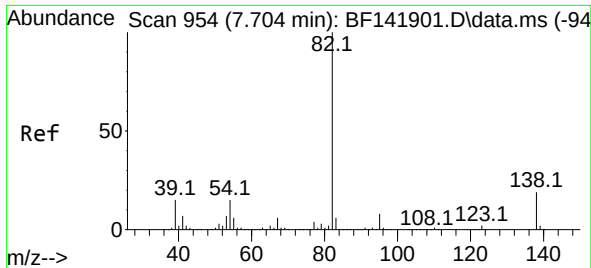


#23
Nitrobenzene-d5
Concen: 99.836 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion: 82 Resp: 975331

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.0	54.0
54	47.5	39.6	59.4

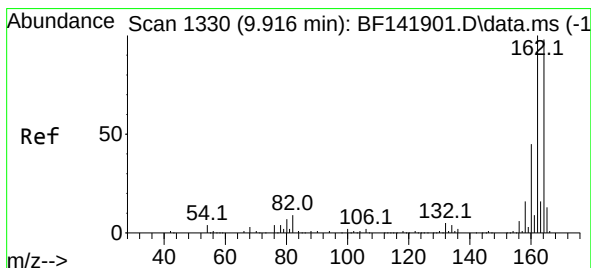
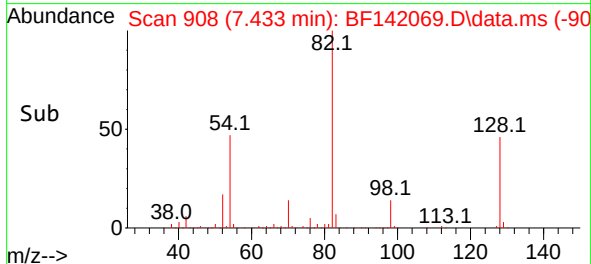
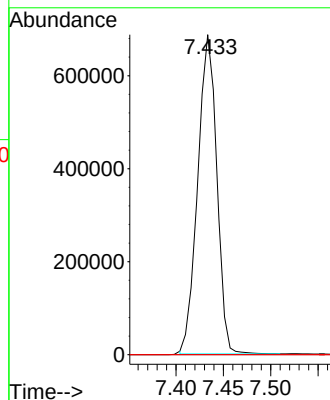
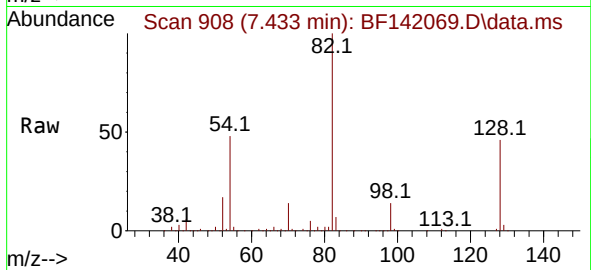




#25
Isophorone
Concen: 55.629 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

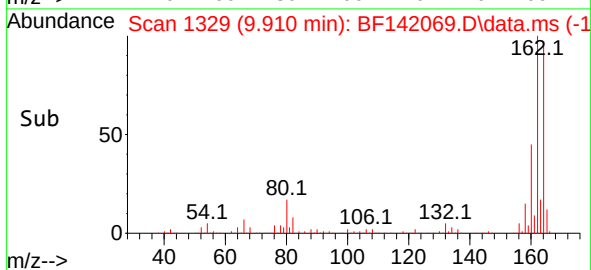
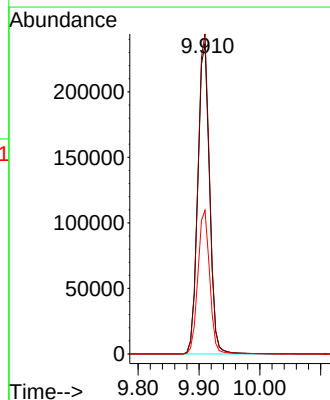
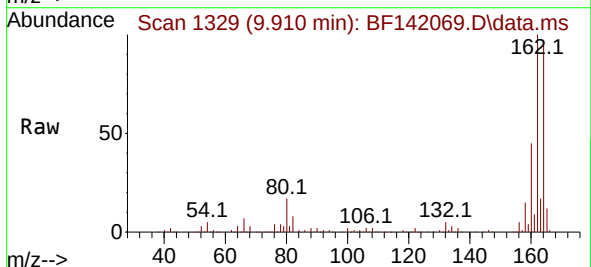
Instrument :
BNA_F
ClientSampleId :
PB167274BL

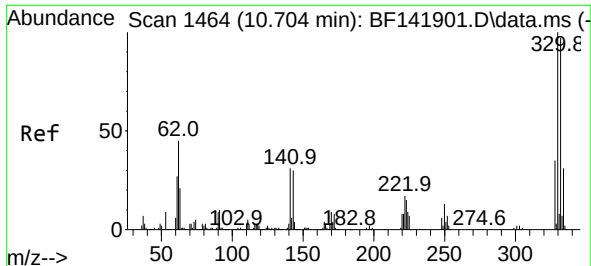
Tgt Ion: 82 Resp: 960651
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

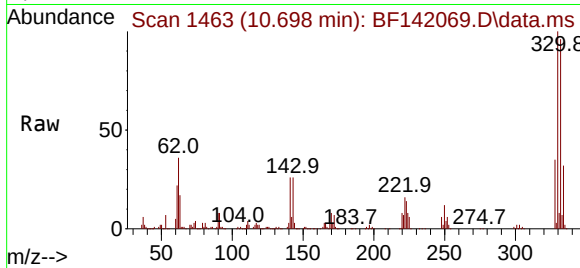
Tgt Ion:164 Resp: 317708
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 46.3 36.7 55.1



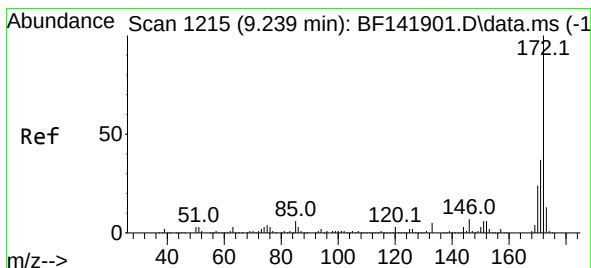
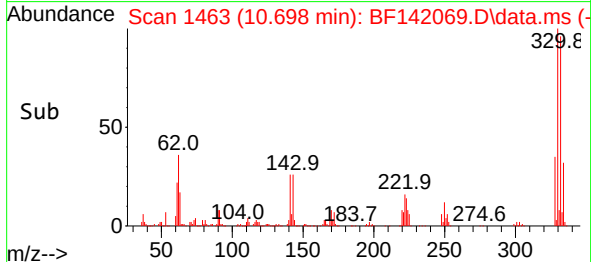
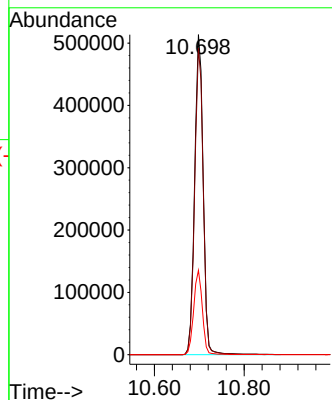


#42
 2,4,6-Tribromophenol
 Concen: 168.769 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB167274BL

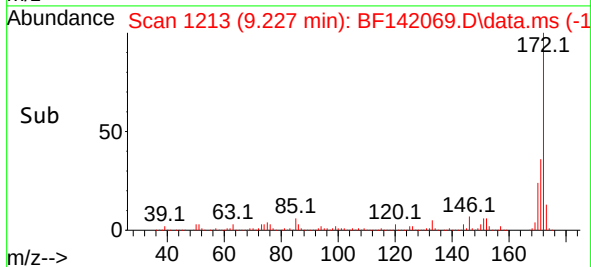
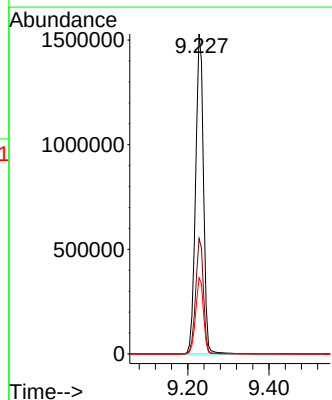
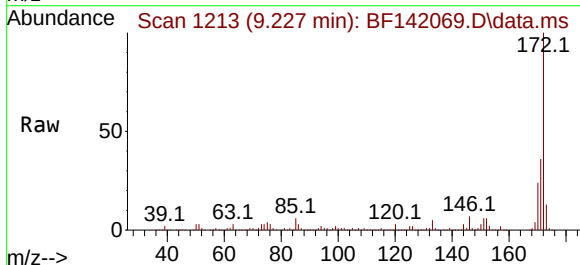


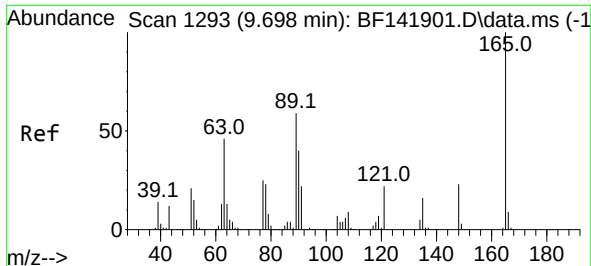
Tgt Ion:330 Resp: 680231
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.6 116.4
 141 26.7 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 99.508 ng
 RT: 9.227 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142069.D
 Acq: 25 Mar 2025 10:39

Tgt Ion:172 Resp: 2078783
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 23.8 19.4 29.0

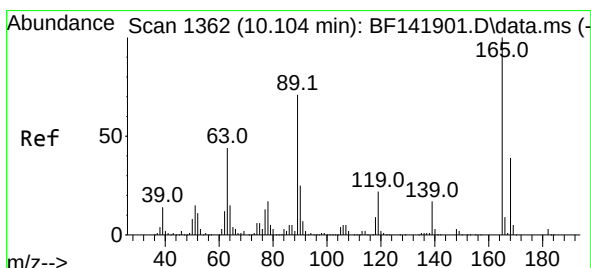
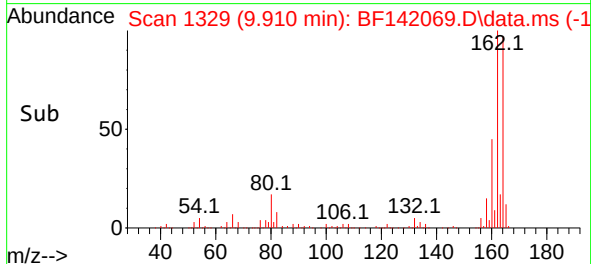
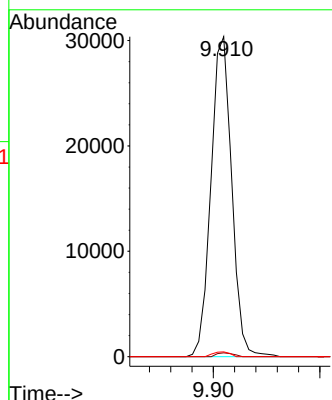
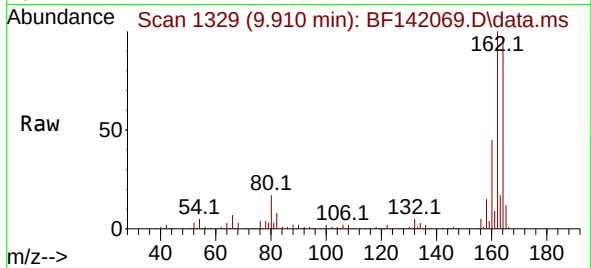




#51
2,6-Dinitrotoluene
Concen: 8.848 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

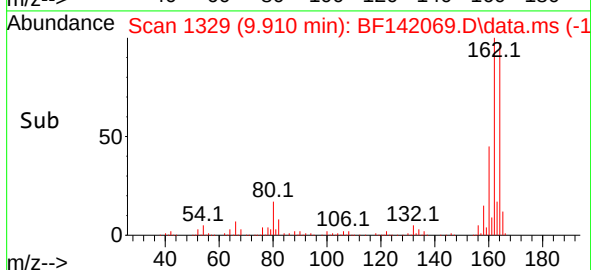
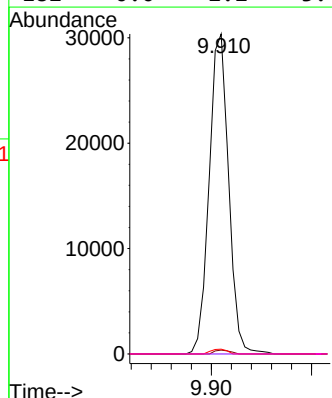
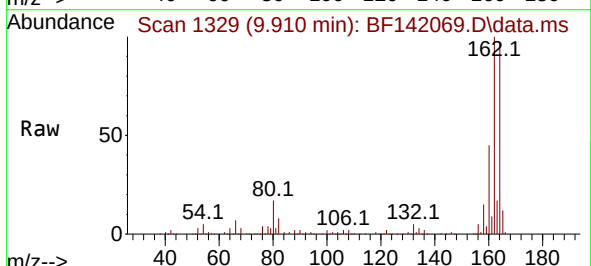
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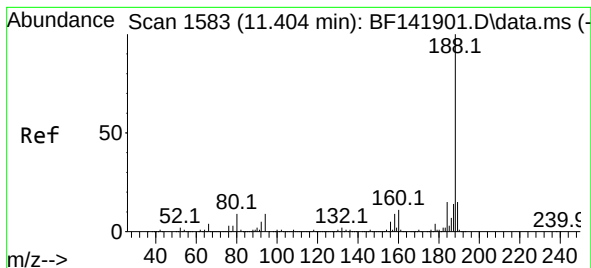
Tgt Ion:165 Resp: 40986
Ion Ratio Lower Upper
165 100
63 1.2 47.0 70.4#
89 1.5 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.774 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF142069.D
Acq: 25 Mar 2025 10:39

Tgt Ion:165 Resp: 40986
Ion Ratio Lower Upper
165 100
63 1.2 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: 11.392 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142069.D

Acq: 25 Mar 2025 10:39

Instrument :

BNA_F

ClientSampleId :

PB167274BL

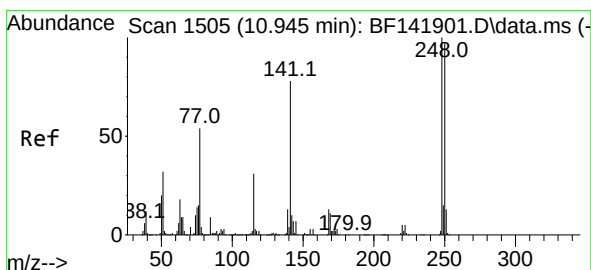
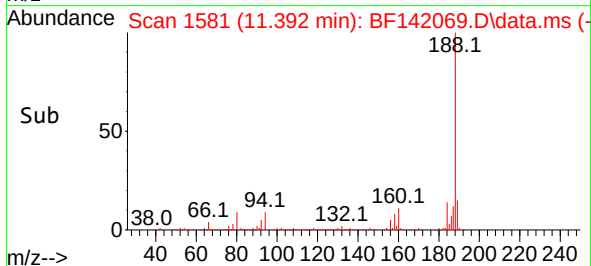
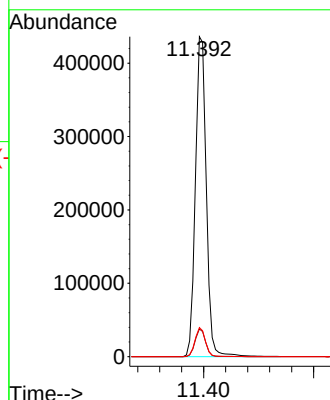
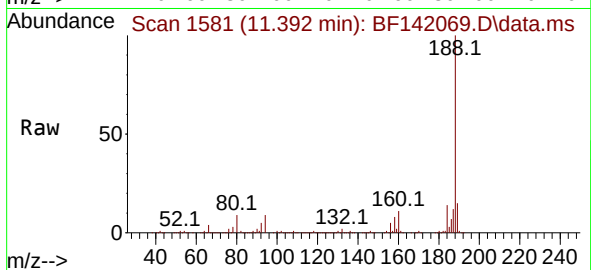
Tgt Ion:188 Resp: 598292

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.503 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF142069.D

Acq: 25 Mar 2025 10:39

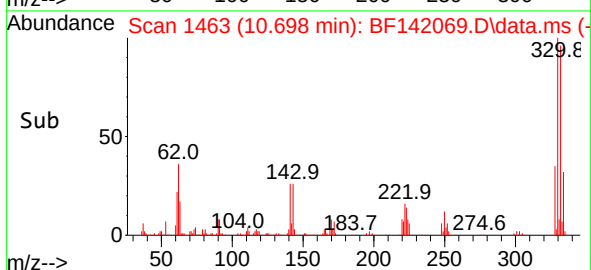
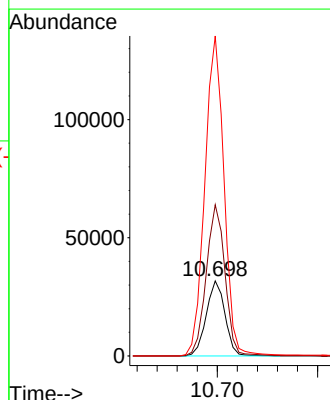
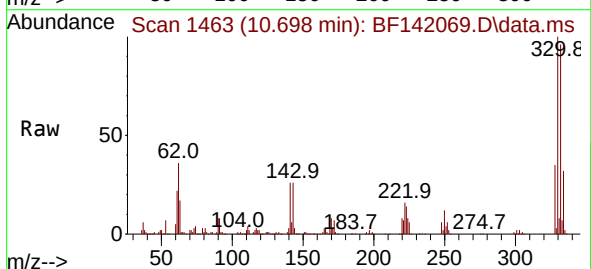
Tgt Ion:248 Resp: 41352

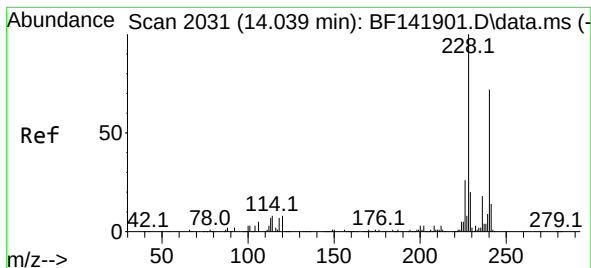
Ion Ratio Lower Upper

248 100

250 201.6 77.8 116.8#

141 426.5 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: BF142069.D

Acq: 25 Mar 2025 10:39

Instrument :

BNA_F

ClientSampleId :

PB167274BL

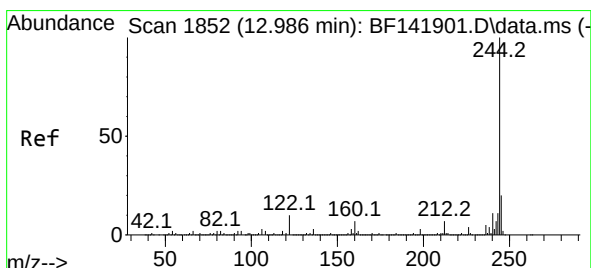
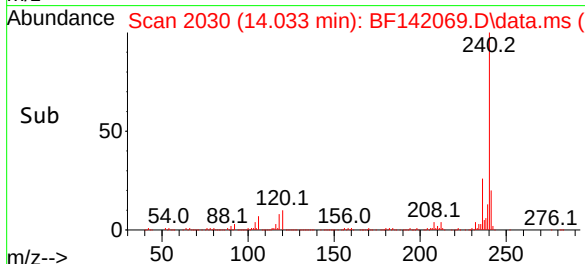
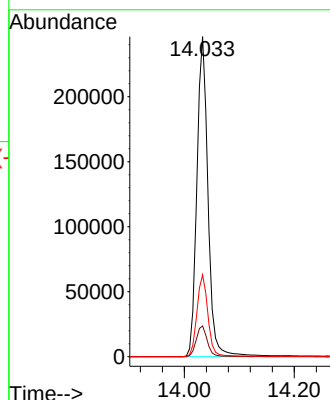
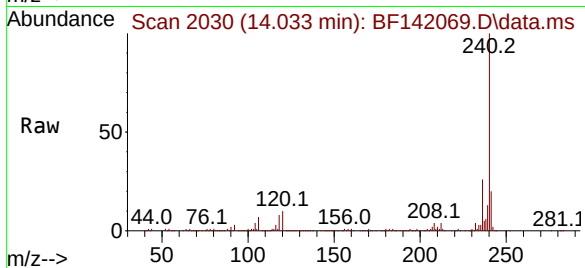
Tgt Ion:240 Resp: 346843

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

236 25.6 20.5 30.7



#79

Terphenyl-d14

Concen: 124.797 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142069.D

Acq: 25 Mar 2025 10:39

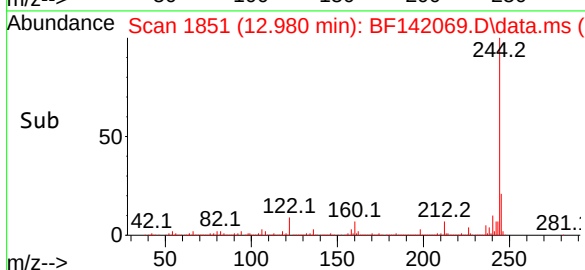
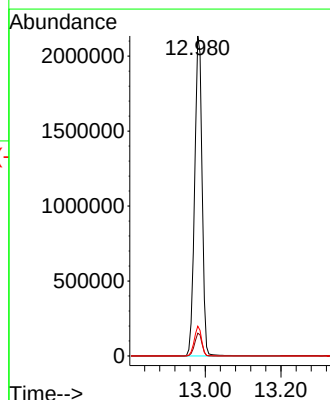
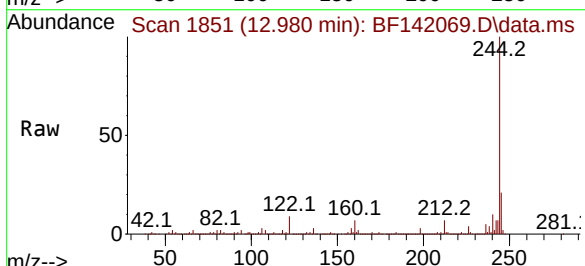
Tgt Ion:244 Resp: 2927722

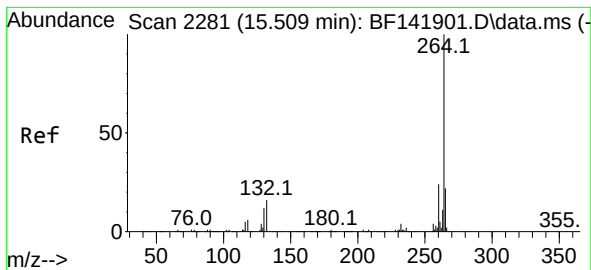
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 9.3 7.7 11.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF142069.D

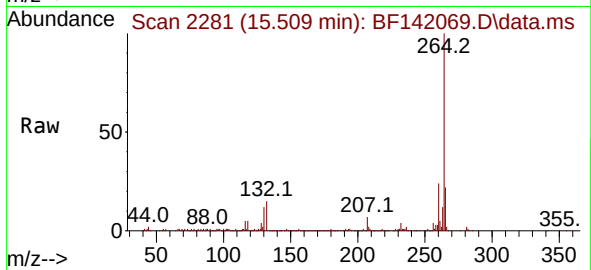
Acq: 25 Mar 2025 10:39

Instrument :

BNA_F

ClientSampleId :

PB167274BL



Tgt Ion:264 Resp: 240104

Ion Ratio Lower Upper

264 100

260 23.7 19.1 28.7

265 21.9 17.5 26.3

