

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
 Data File : BF142155.D
 Acq On : 28 Mar 2025 12:32
 Operator : RC/JU
 Sample : PB167329TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167329TB

Quant Time: Mar 28 13:04:38 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)

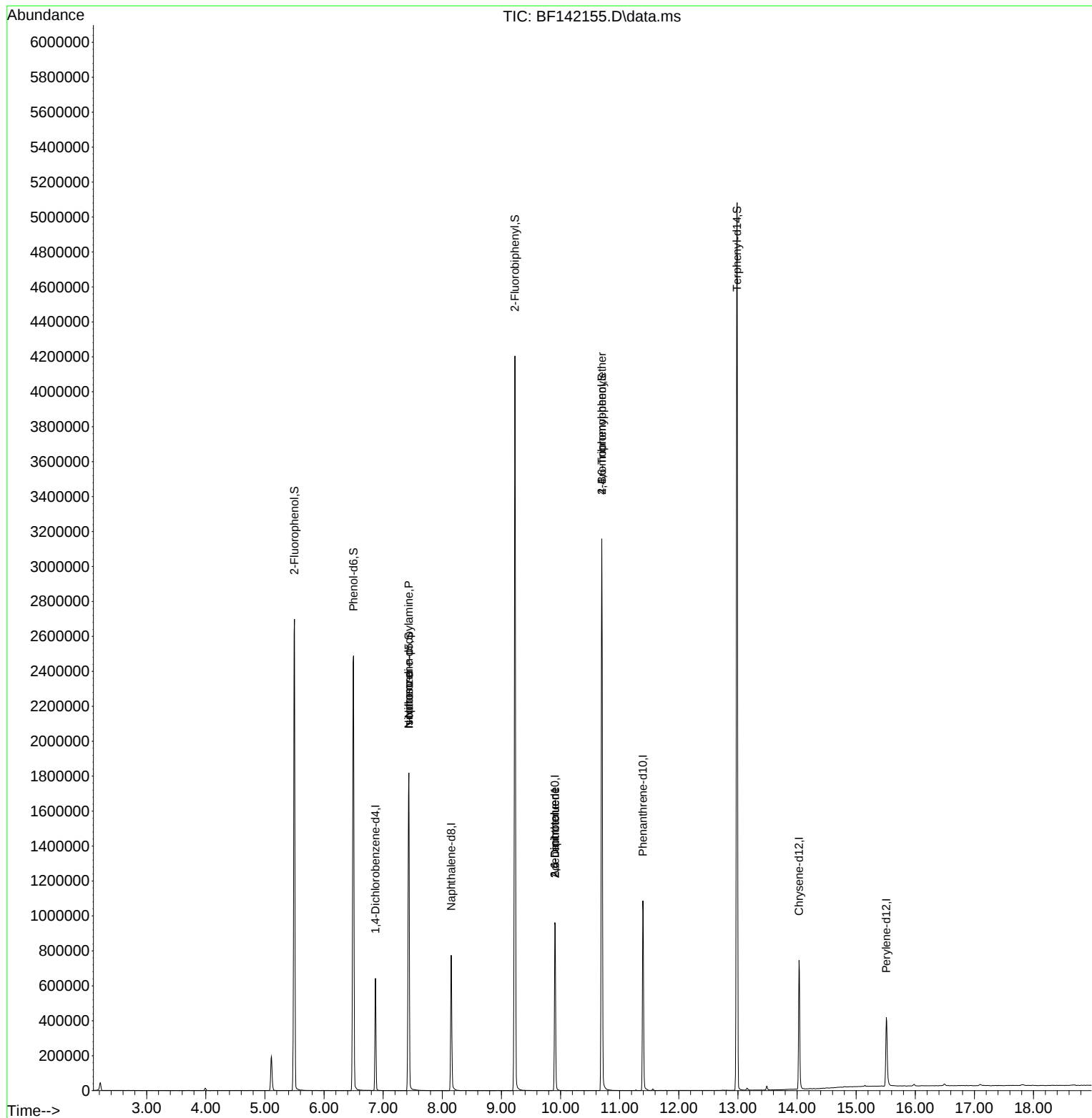
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	134780	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	539388	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	320135	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	608582	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	397109	20.000	ng	0.00
86) Perylene-d12	15.510	264	270108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1137088	140.804	ng	0.00
7) Phenol-d6	6.498	99	1370842	133.323	ng	0.00
23) Nitrobenzene-d5	7.434	82	909567	94.898	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	643364	158.412	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1938985	92.112	ng	-0.01
79) Terphenyl-d14	12.986	244	2718489	101.211	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	124037	18.774	ng	# 76
25) Isophorone	7.434	82	897437	52.970	ng	# 64
51) 2,6-Dinitrotoluene	9.904	165	41693	8.932	ng	# 23
57) 2,4-Dinitrotoluene	9.904	165	41755	6.849	ng	# 24
67) 4-Bromophenyl-phenylether	10.698	248	39161	5.124	ng	# 1

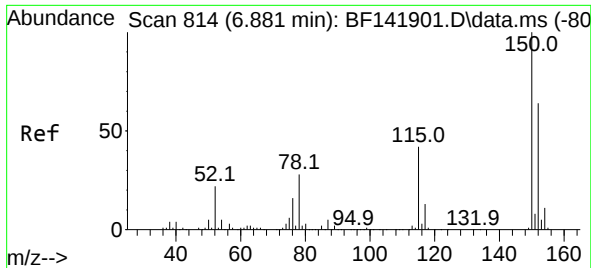
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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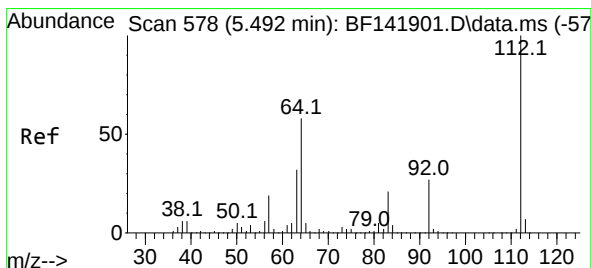
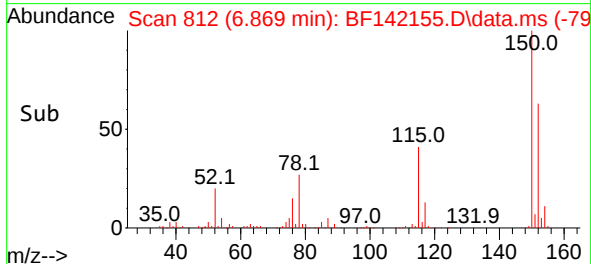
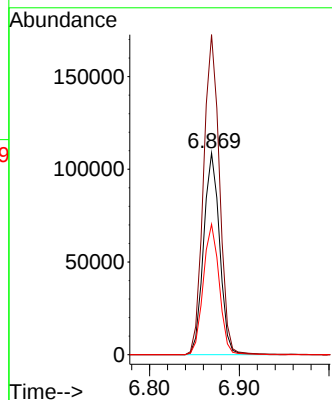
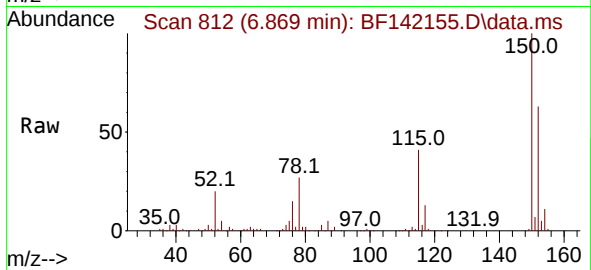




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 814
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

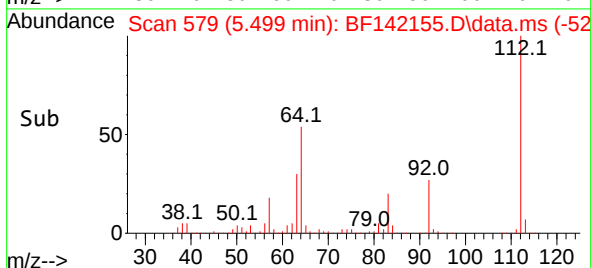
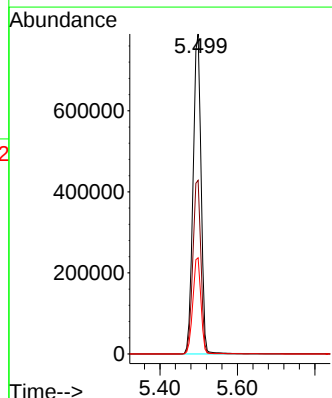
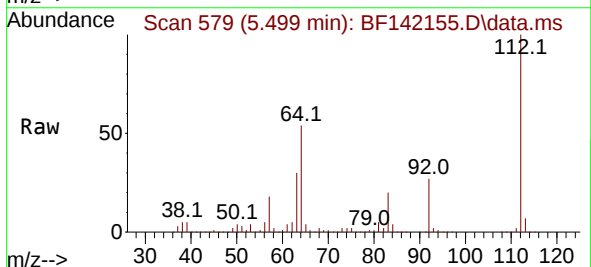
Instrument :
BNA_F
ClientSampleId :
PB167329TB

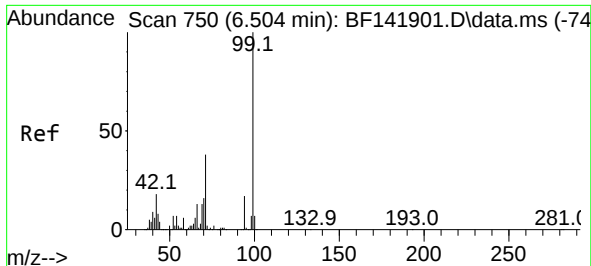
Tgt Ion:152 Resp: 134780
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.2
115 64.7 51.9 77.9



#5
2-Fluorophenol
Concen: 140.804 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion:112 Resp: 1137088
Ion Ratio Lower Upper
112 100
64 54.2 46.5 69.7
63 30.0 25.4 38.2

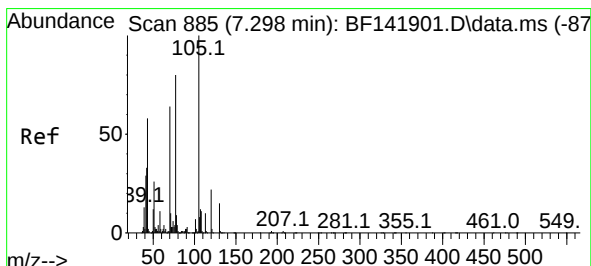
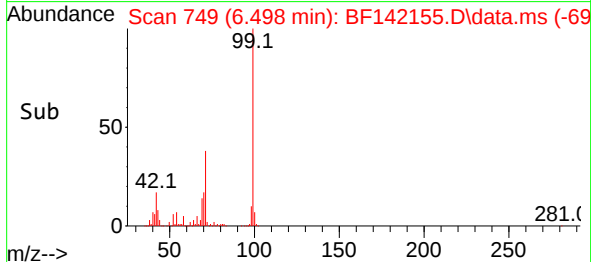
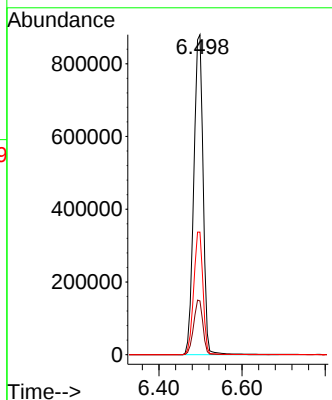
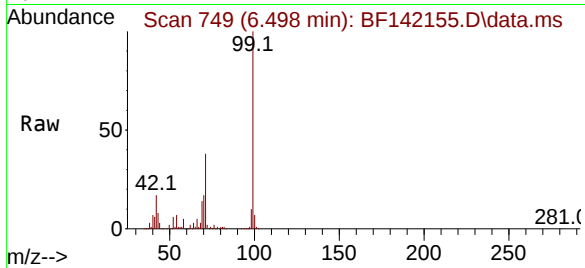




#7
Phenol-d6
Concen: 133.323 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

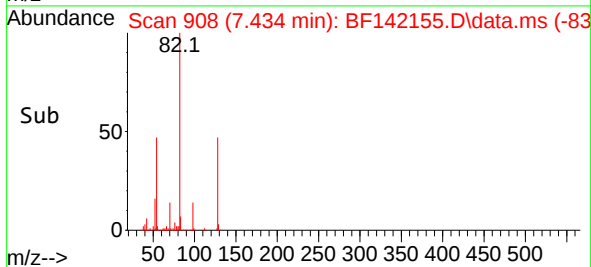
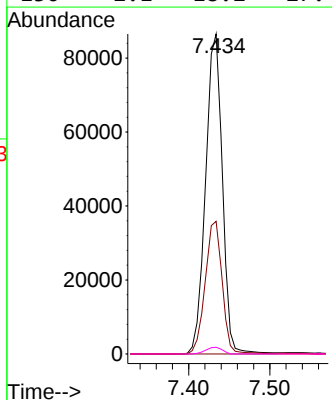
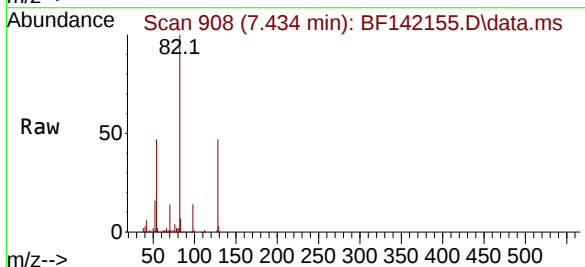
Instrument :
BNA_F
ClientSampleId :
PB167329TB

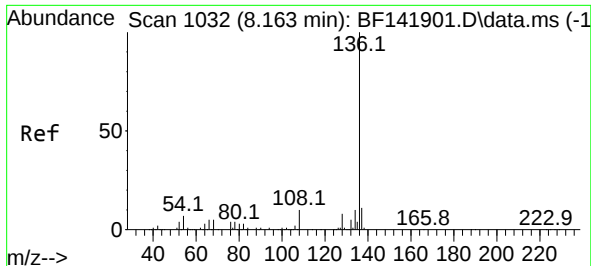
Tgt Ion: 99 Resp: 1370842
Ion Ratio Lower Upper
99 100
42 16.8 14.6 21.8
71 38.3 30.8 46.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.774 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.136 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion: 70 Resp: 124037
Ion Ratio Lower Upper
70 100
42 41.4 41.4 62.0
101 0.0 8.2 12.2#
130 2.1 18.2 27.4#



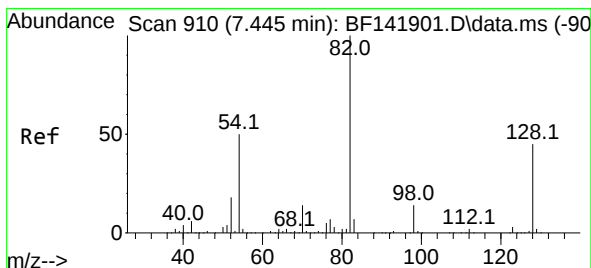
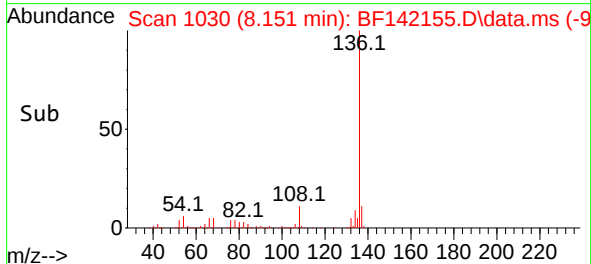
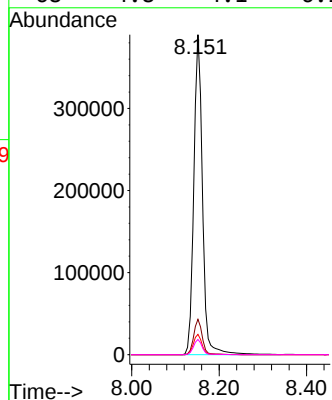
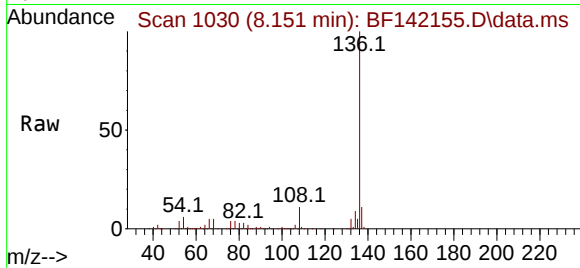


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Instrument :
BNA_F
ClientSampleId :
PB167329TB

Tgt Ion:136 Resp: 539388

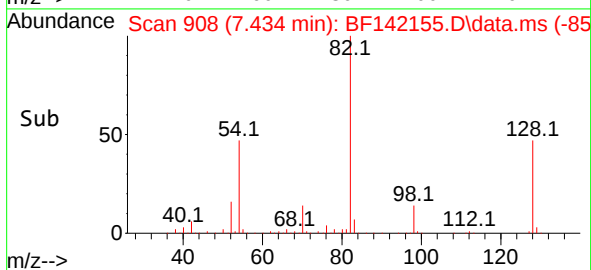
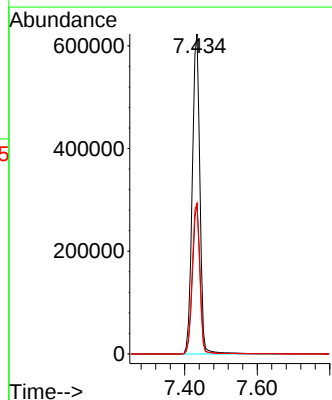
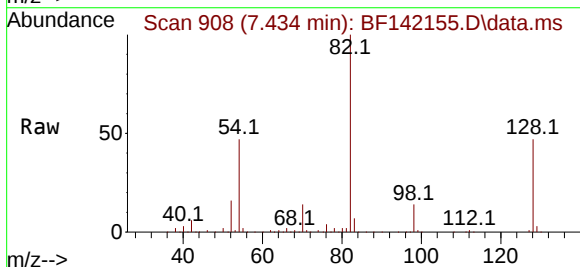
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	6.4	5.8	8.8
68	4.8	4.1	6.1

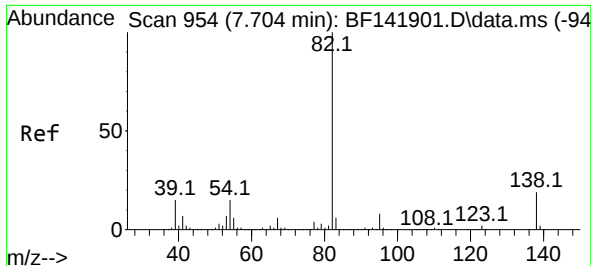


#23
Nitrobenzene-d5
Concen: 94.898 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion: 82 Resp: 909567

Ion	Ratio	Lower	Upper
82	100		
128	47.0	36.0	54.0
54	47.2	39.6	59.4

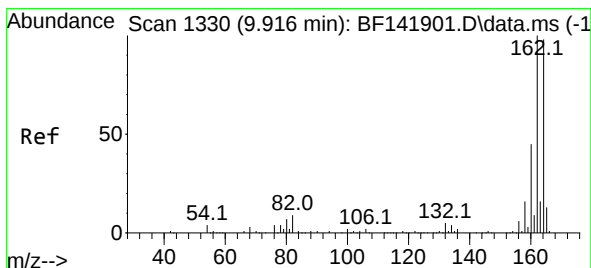
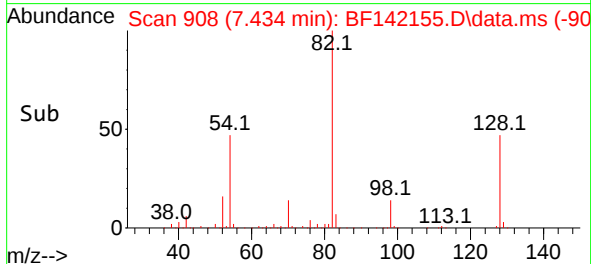
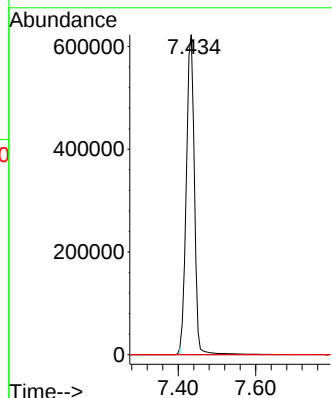
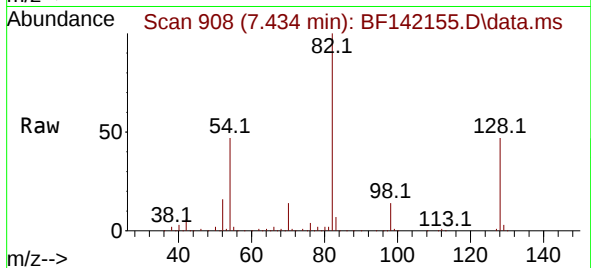




#25
Isophorone
Concen: 52.970 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.270 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

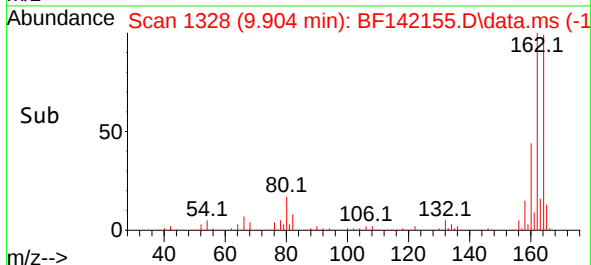
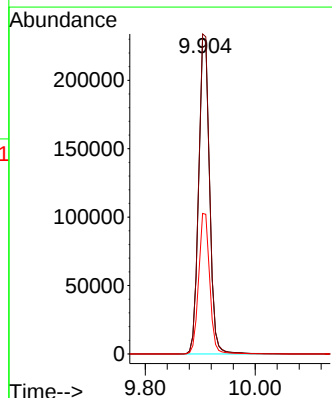
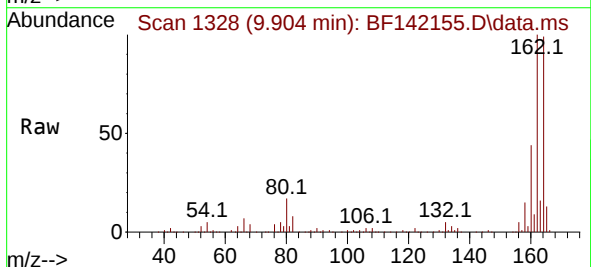
Instrument :
BNA_F
ClientSampleId :
PB167329TB

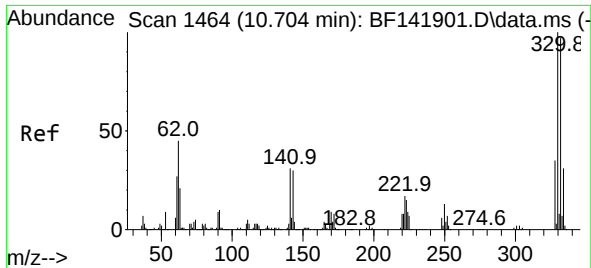
Tgt Ion: 82 Resp: 897437
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 14.9 22.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion:164 Resp: 320135
Ion Ratio Lower Upper
164 100
162 101.2 81.8 122.6
160 44.4 36.7 55.1

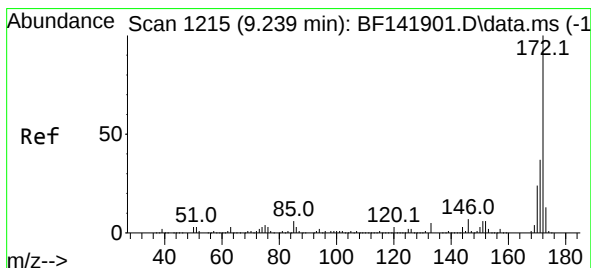
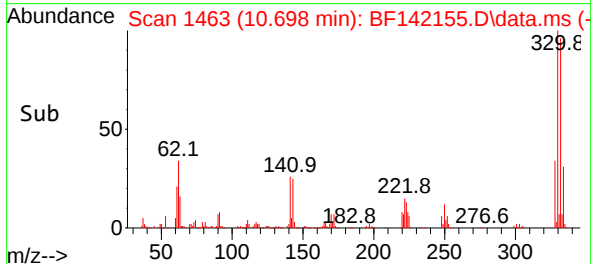
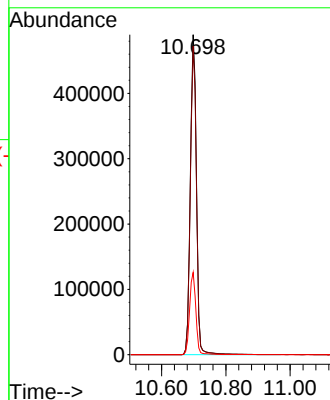
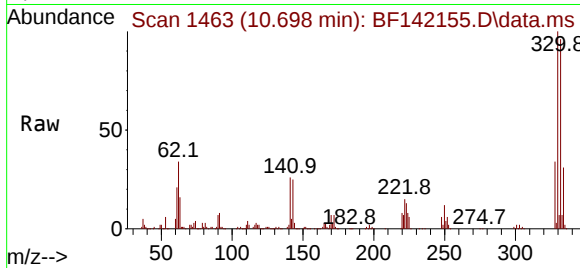




#42
 2,4,6-Tribromophenol
 Concen: 158.412 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF142155.D
 Acq: 28 Mar 2025 12:32

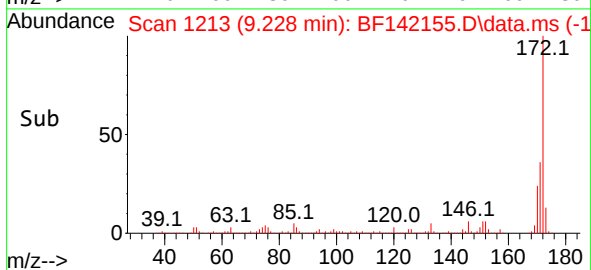
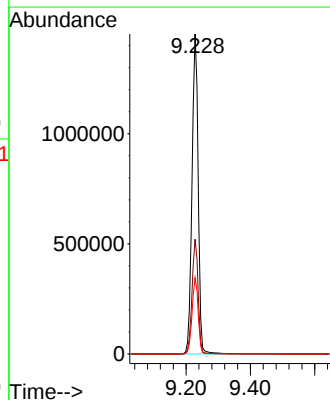
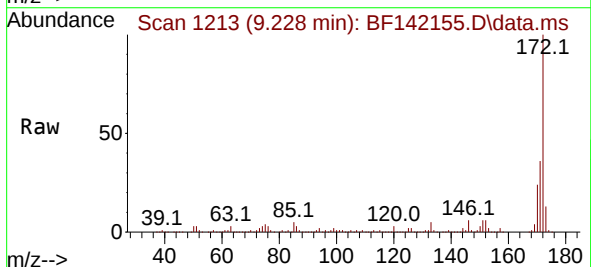
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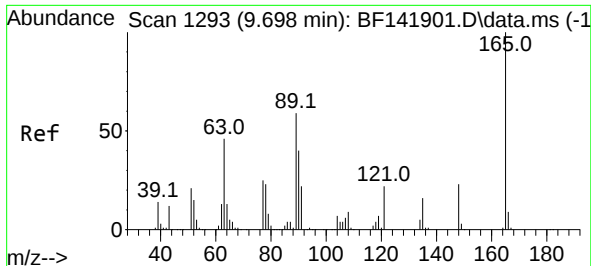
Tgt Ion: 330 Resp: 643364
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.6 116.4
 141 26.5 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 92.112 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.012 min
 Lab File: BF142155.D
 Acq: 28 Mar 2025 12:32

Tgt Ion: 172 Resp: 1938985
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.3 43.9
 170 23.8 19.4 29.0

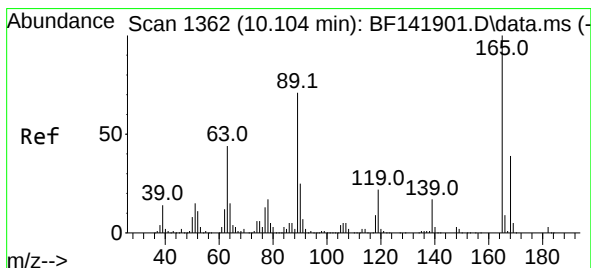
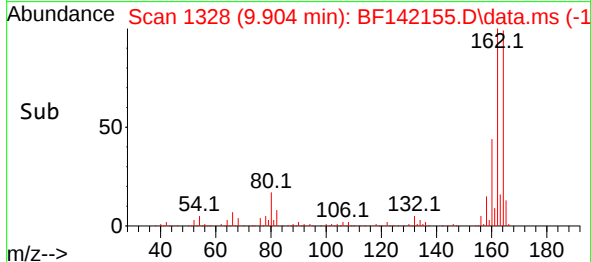
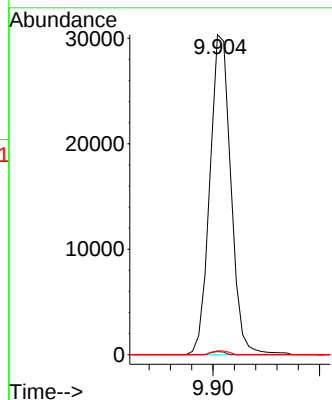
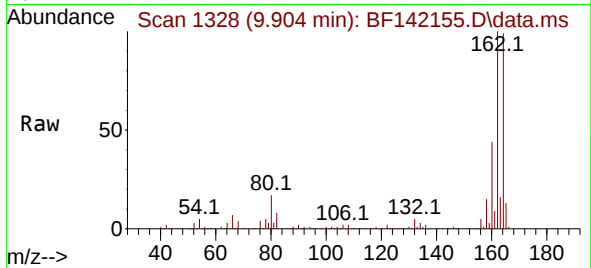




#51
2,6-Dinitrotoluene
Concen: 8.932 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

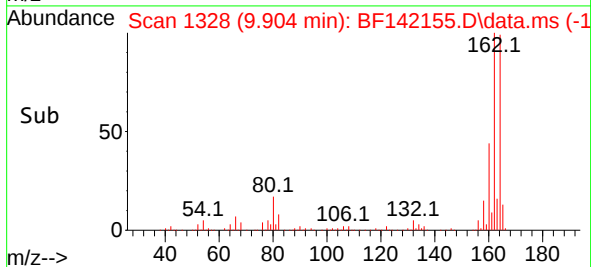
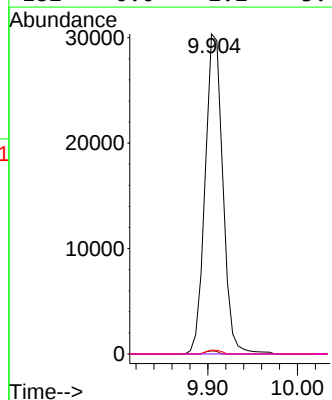
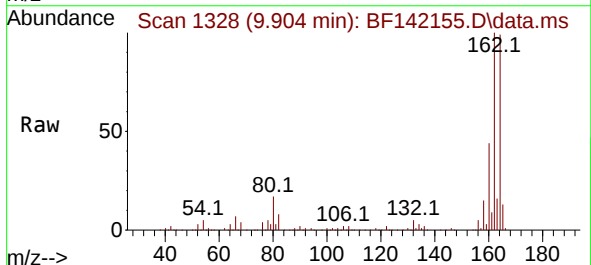
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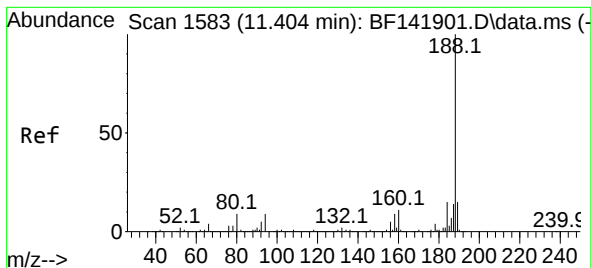
Tgt Ion:165 Resp: 41693
Ion Ratio Lower Upper
165 100
63 0.9 47.0 70.4#
89 1.2 47.4 71.2#



#57
2,4-Dinitrotoluene
Concen: 6.849 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Tgt Ion:165 Resp: 41755
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: BF142155.D

Acq: 28 Mar 2025 12:32

Instrument :

BNA_F

ClientSampleId :

PB167329TB

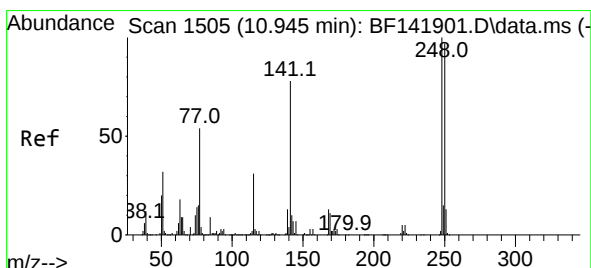
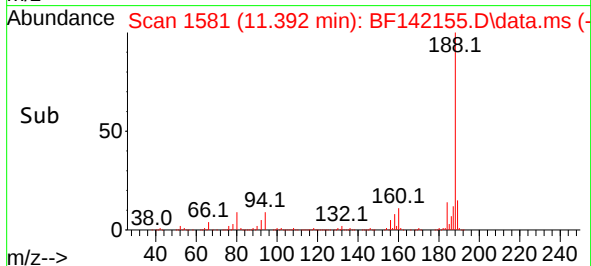
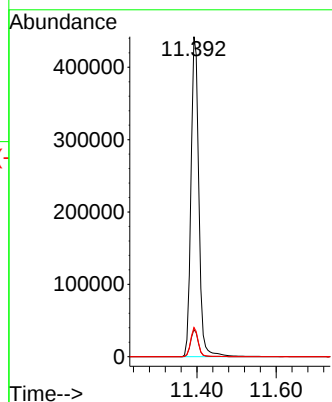
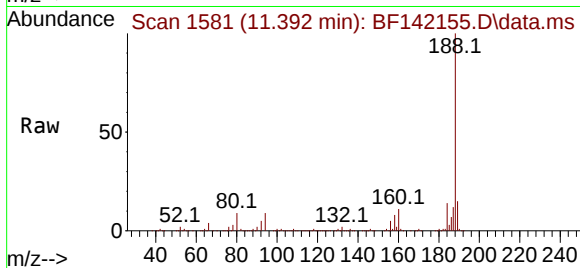
Tgt Ion:188 Resp: 608582

Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 9.2 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 5.124 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF142155.D

Acq: 28 Mar 2025 12:32

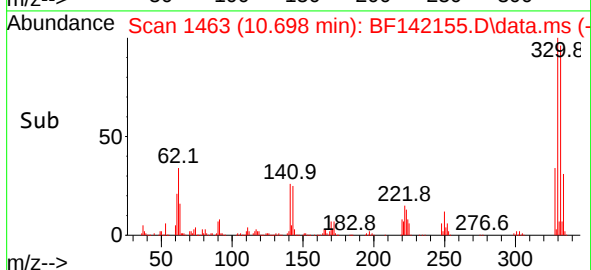
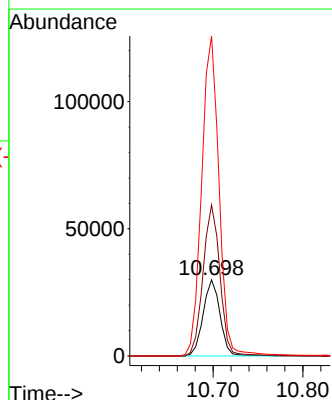
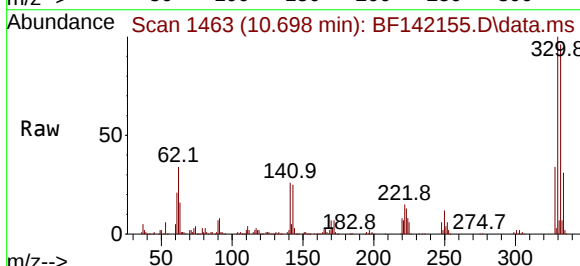
Tgt Ion:248 Resp: 39161

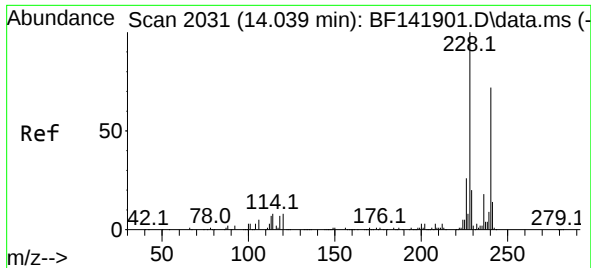
Ion Ratio Lower Upper

248 100

250 198.4 77.8 116.8#

141 420.5 62.6 93.8#

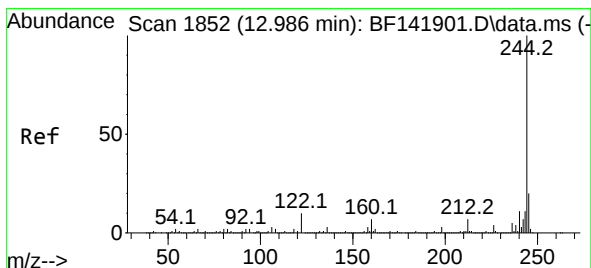
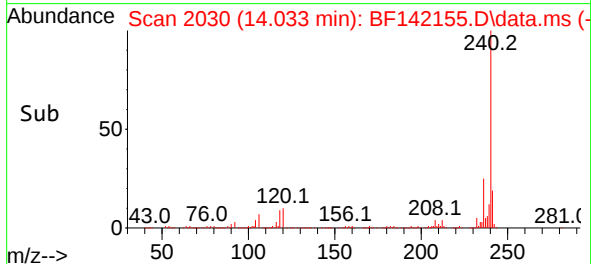
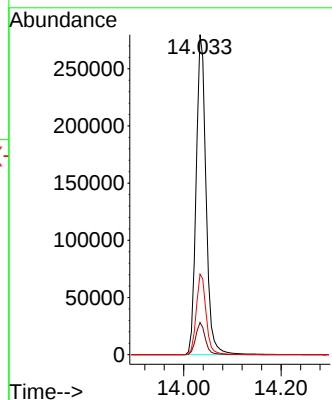
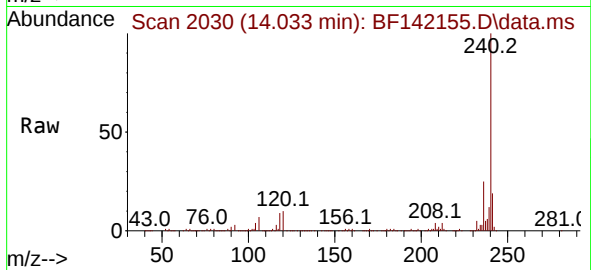




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

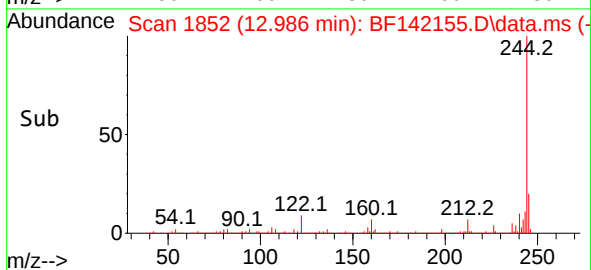
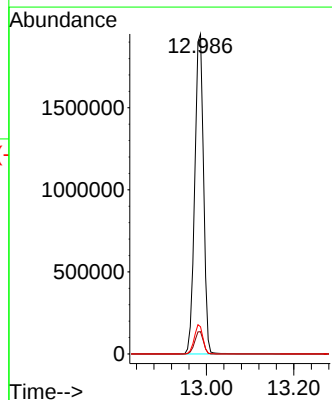
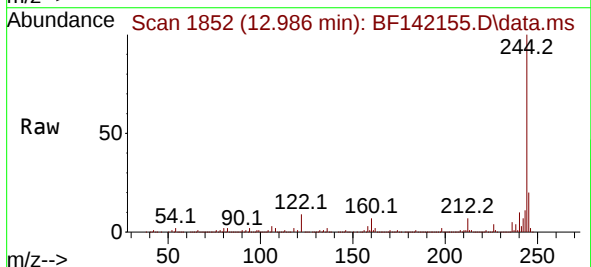
Instrument :
BNA_F
ClientSampleId :
PB167329TB

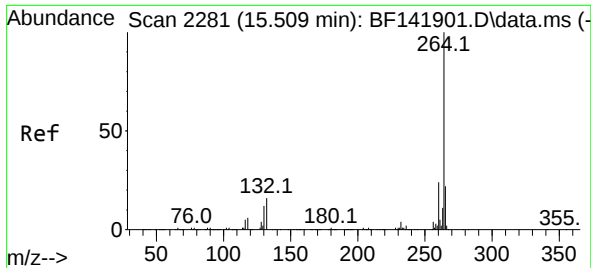
Tgt Ion:240 Resp: 397109
Ion Ratio Lower Upper
240 100
120 10.0 8.4 12.6
236 25.2 20.5 30.7



#79
Terphenyl-d14
Concen: 101.211 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

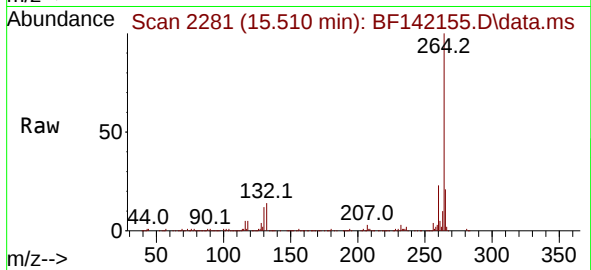
Tgt Ion:244 Resp: 2718489
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 8.5 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142155.D
Acq: 28 Mar 2025 12:32

Instrument :
BNA_F
ClientSampleId :
PB167329TB



Tgt Ion:264 Resp: 270108

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.5	17.5	26.3

