

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144225.D
 Acq On : 12 Nov 2025 02:23
 Operator : RC/JU
 Sample : Q3587-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-110725

Quant Time: Nov 12 03:50:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

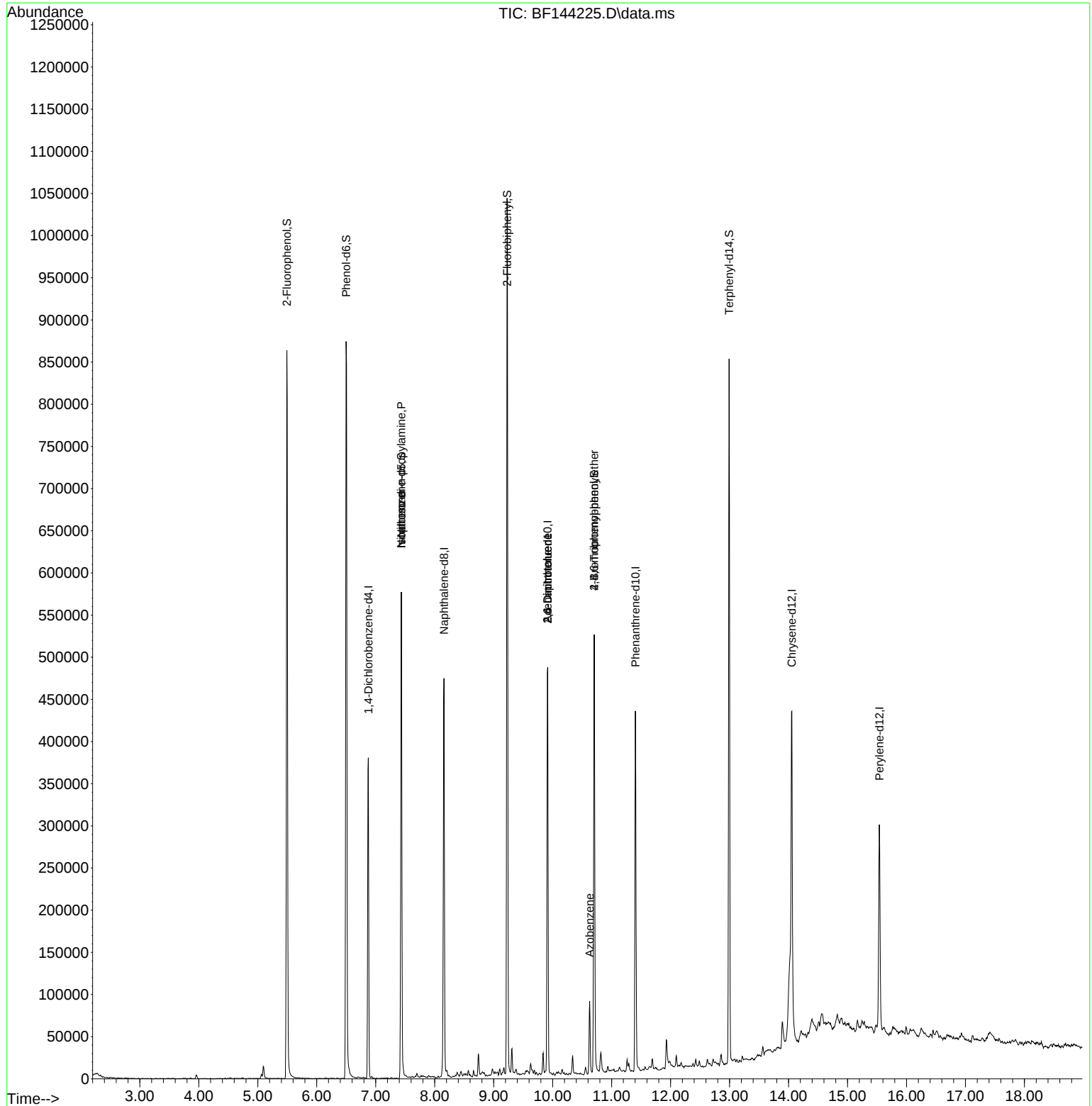
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	80743	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	303931	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	155231	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	229998	20.000	ng	0.00
76) Chrysene-d12	14.057	240	170485	20.000	ng	0.00
86) Perylene-d12	15.539	264	154440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	340822	66.054	ng	0.00
7) Phenol-d6	6.498	99	384075	65.695	ng	0.00
23) Nitrobenzene-d5	7.434	82	239683	45.546	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	105902	54.365	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	495869	47.179	ng	0.00
79) Terphenyl-d14	12.992	244	430744	40.132	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.434	70	34676	9.010	ng	# 77
25) Isophorone	7.434	82	239681	24.079	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	20440	9.819	ng	# 28
57) 2,4-Dinitrotoluene	9.916	165	20440	7.334	ng	# 28
63) Azobenzene	10.627	77	21949	2.488	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	6414	2.185	ng	# 1

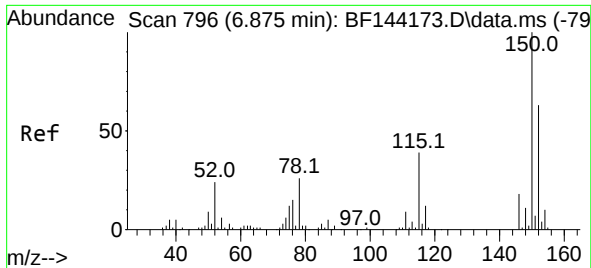
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144225.D
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Operator : RC/JU
Sample : Q3587-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: Nov 12 03:50:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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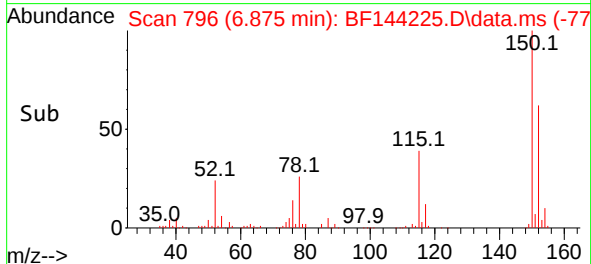
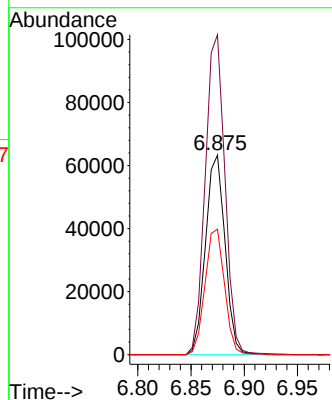
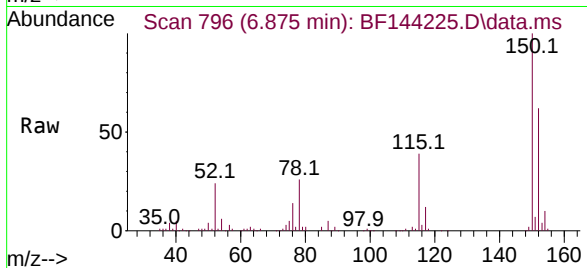




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: BF144225.D
 Acq: 12 Nov 2025 02:23

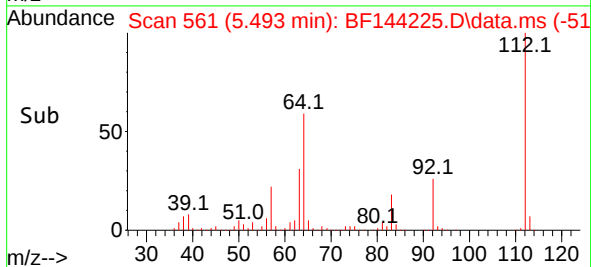
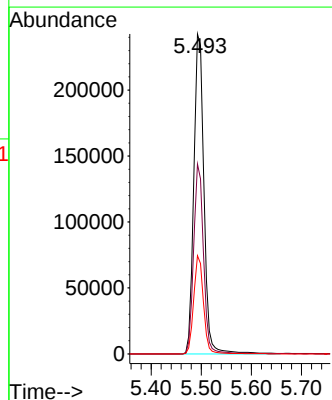
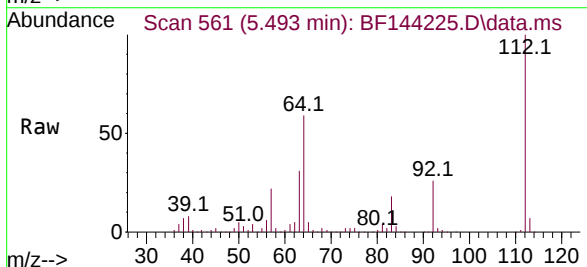
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-110725

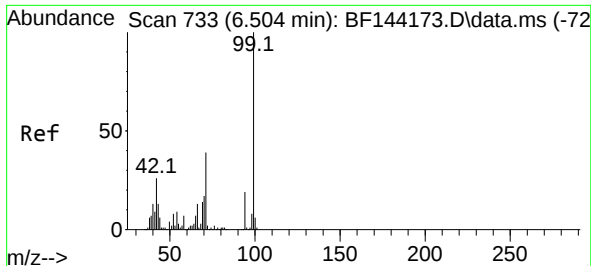
Tgt Ion:152 Resp: 80743
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.4 191.0
 115 62.9 49.5 74.3



#5
 2-Fluorophenol
 Concen: 66.054 ng
 RT: 5.493 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: BF144225.D
 Acq: 12 Nov 2025 02:23

Tgt Ion:112 Resp: 340822
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.2 70.8
 63 30.7 24.4 36.6





#7

Phenol-d6

Concen: 65.695 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.000 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

Instrument :

BNA_F

ClientSampleId :

NB-08-110725

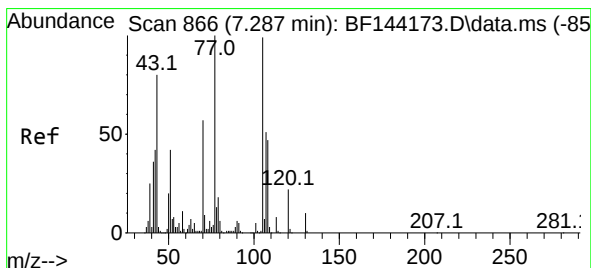
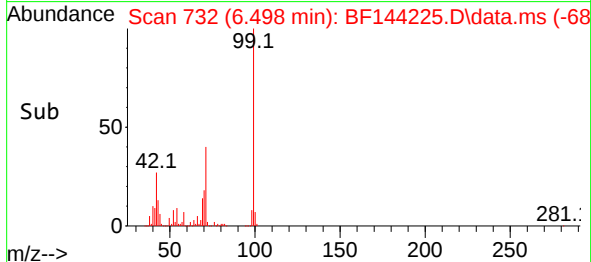
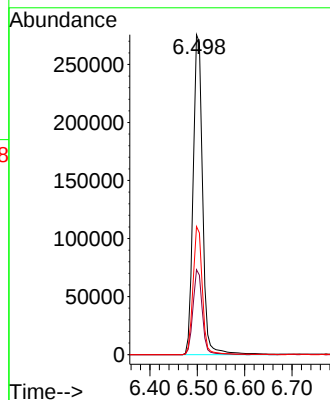
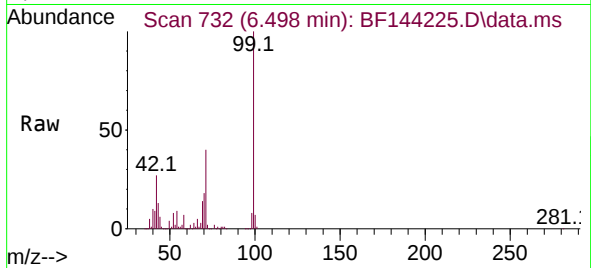
Tgt Ion: 99 Resp: 384075

Ion Ratio Lower Upper

99 100

42 26.5 20.9 31.3

71 40.0 31.4 47.2



#19

n-Nitroso-di-n-propylamine

Concen: 9.010 ng

RT: 7.434 min Scan# 891

Delta R.T. 0.159 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

Tgt Ion: 70 Resp: 34676

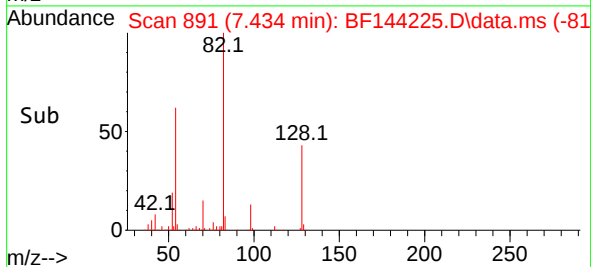
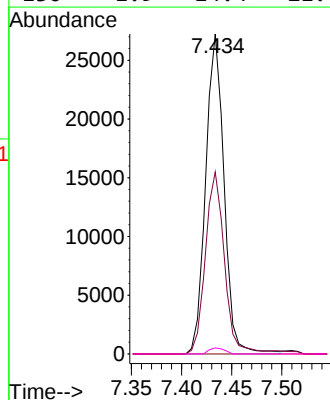
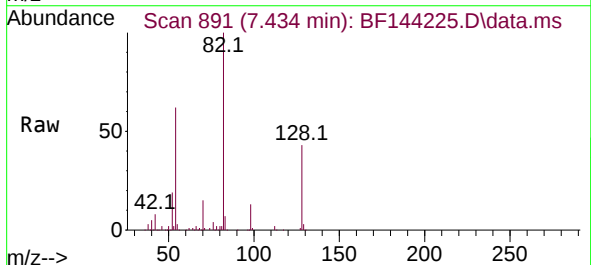
Ion Ratio Lower Upper

70 100

42 56.9 58.3 87.5#

101 0.0 7.0 10.6#

130 1.9 14.4 21.6#



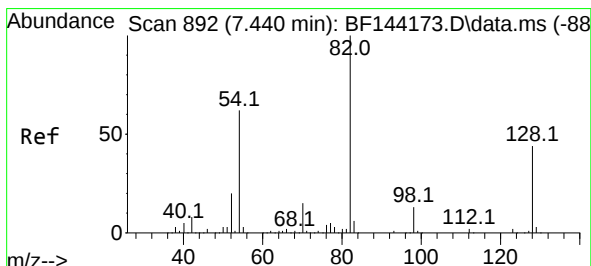
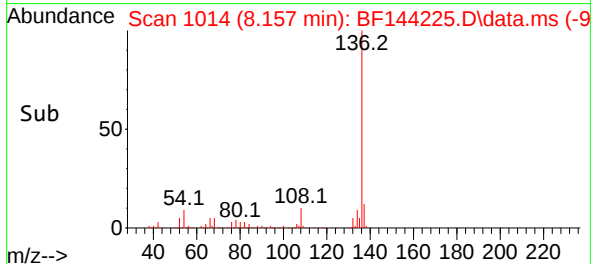
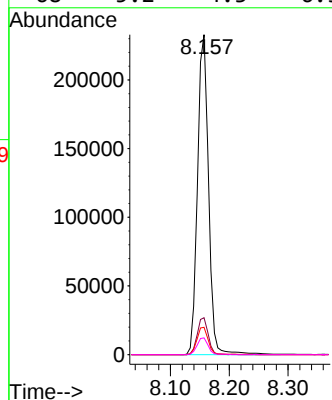
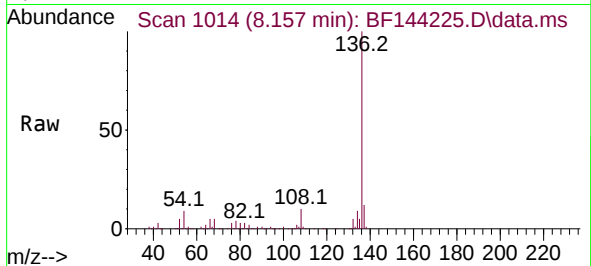


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

Instrument :
BNA_F
ClientSampleId :
NB-08-110725

Tgt Ion:136 Resp: 303931

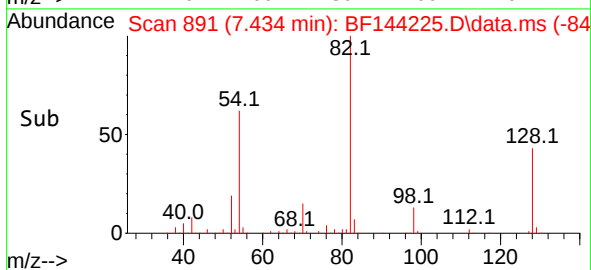
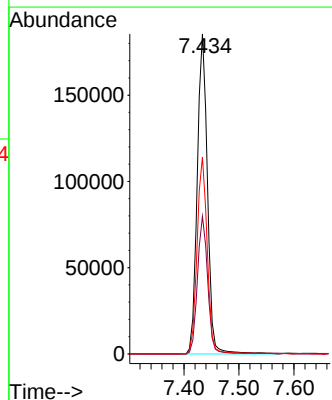
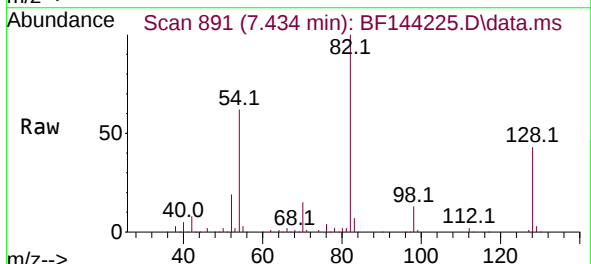
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.5	7.0	10.6
68	5.2	4.3	6.5

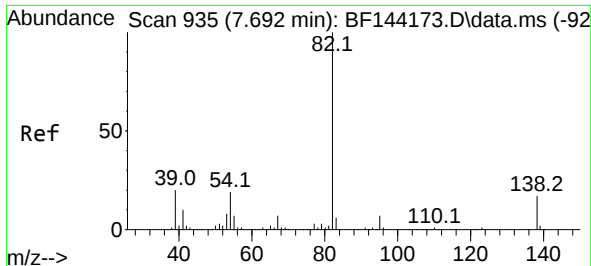


#23
Nitrobenzene-d5
Concen: 45.546 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

Tgt Ion: 82 Resp: 239683

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.7	52.1
54	61.5	49.5	74.3

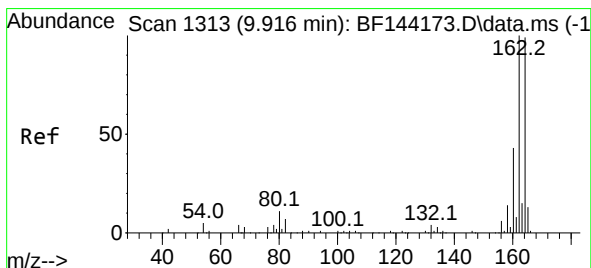
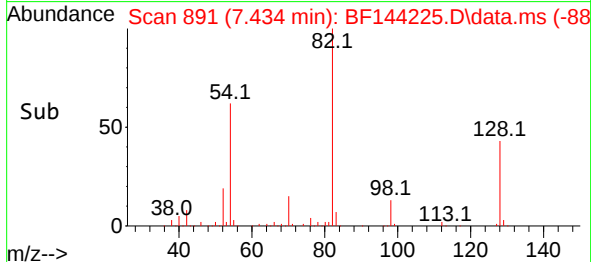
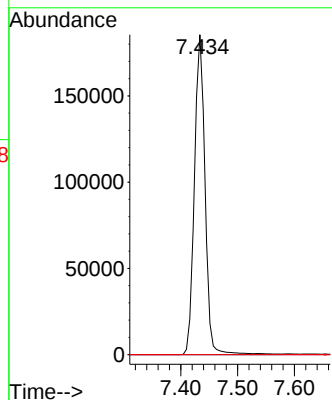
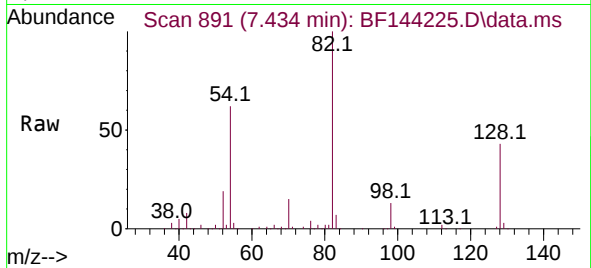




#25
Isophorone
Concen: 24.079 ng
RT: 7.434 min Scan# 89
Delta R.T. -0.253 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

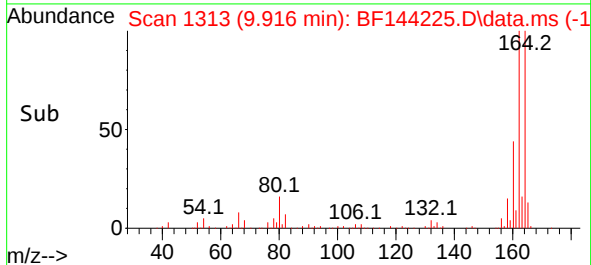
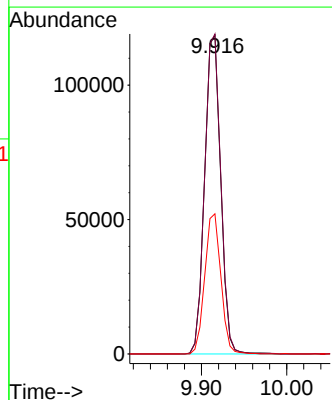
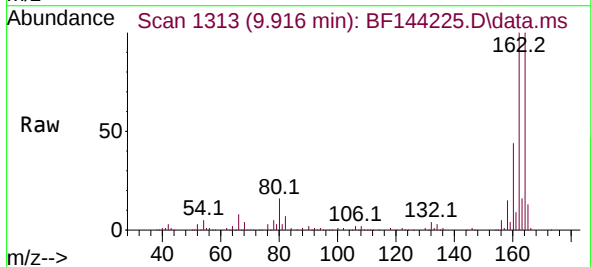
Instrument :
BNA_F
ClientSampleId :
NB-08-110725

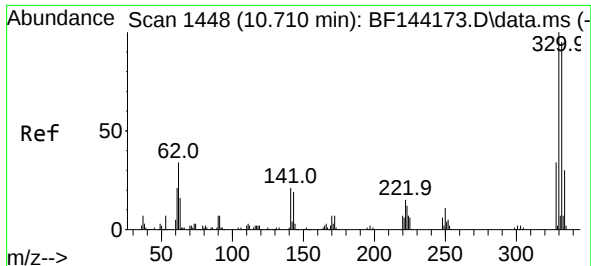
Tgt Ion: 82 Resp: 239681
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

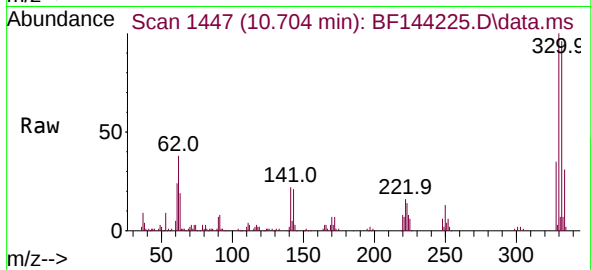
Tgt Ion:164 Resp: 155231
Ion Ratio Lower Upper
164 100
162 100.4 81.1 121.7
160 44.0 34.5 51.7



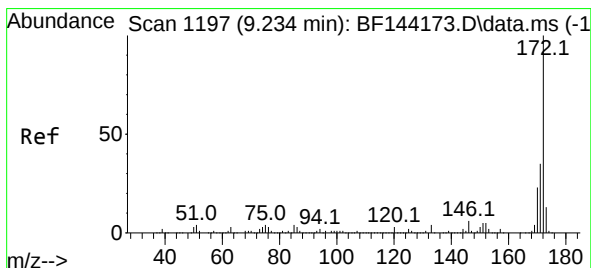
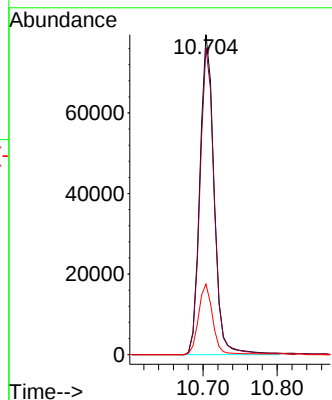
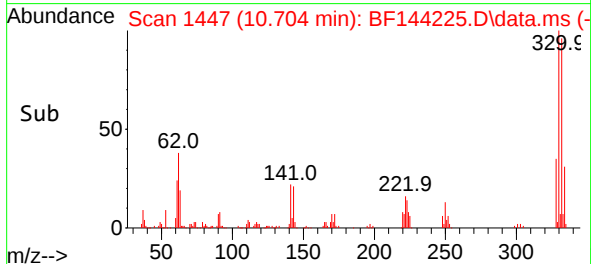


#42
2,4,6-Tribromophenol
Concen: 54.365 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

Instrument :
BNA_F
ClientSampleId :
NB-08-110725

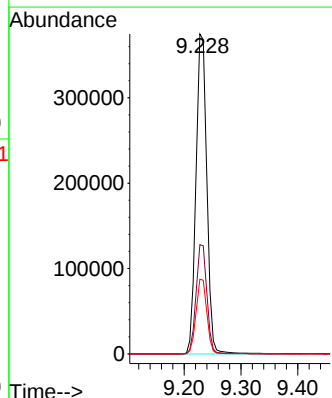
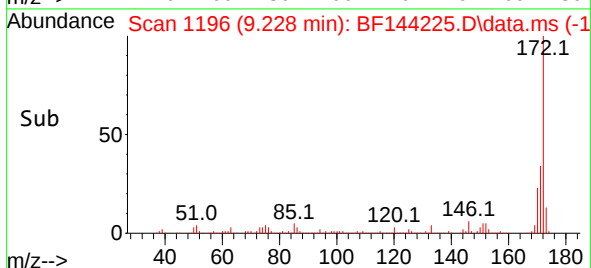
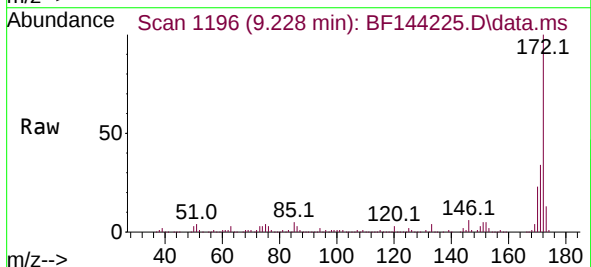


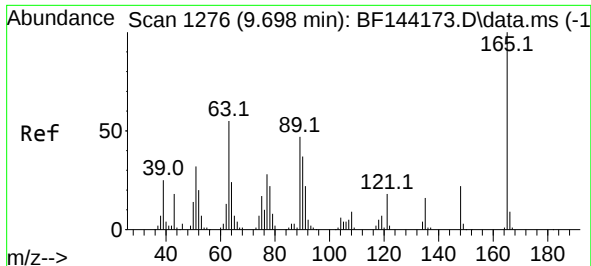
Tgt Ion:330 Resp: 105902
Ion Ratio Lower Upper
330 100
332 95.7 76.7 115.1
141 22.0 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 47.179 ng
RT: 9.228 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

Tgt Ion:172 Resp: 495869
Ion Ratio Lower Upper
172 100
171 34.1 28.1 42.1
170 23.3 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 9.819 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.223 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

Instrument :

BNA_F

ClientSampleId :

NB-08-110725

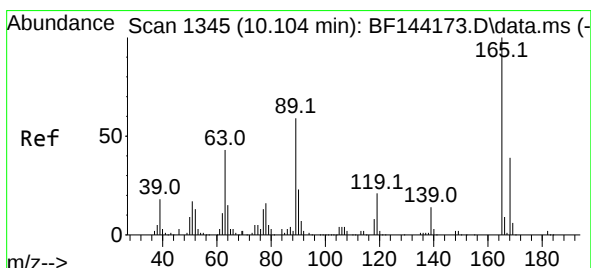
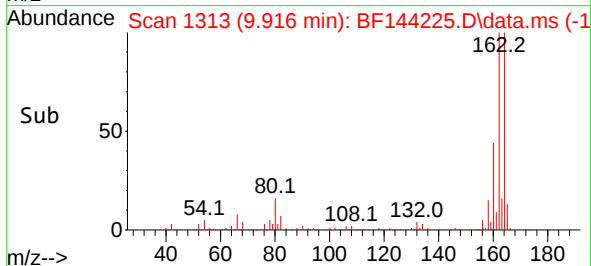
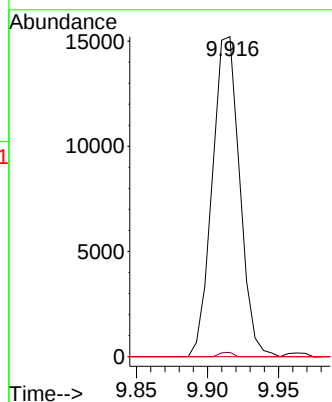
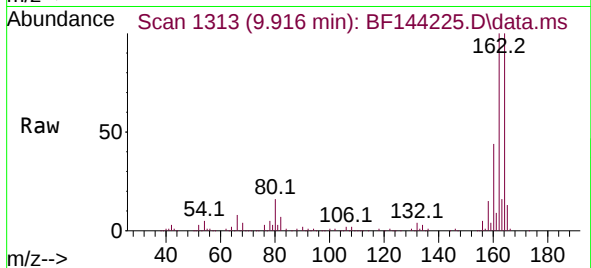
Tgt Ion:165 Resp: 20440

Ion Ratio Lower Upper

165 100

63 1.3 43.8 65.8#

89 0.0 37.5 56.3#



#57

2,4-Dinitrotoluene

Concen: 7.334 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.182 min

Lab File: BF144225.D

Acq: 12 Nov 2025 02:23

Tgt Ion:165 Resp: 20440

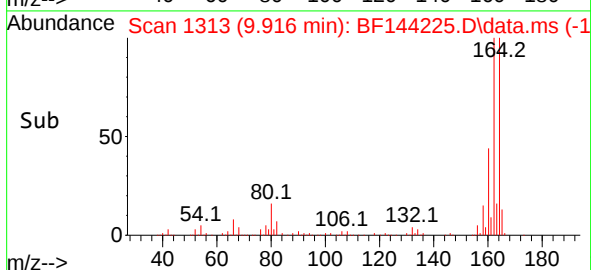
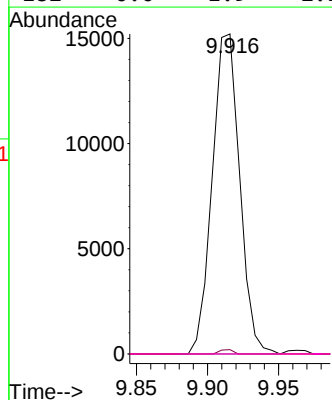
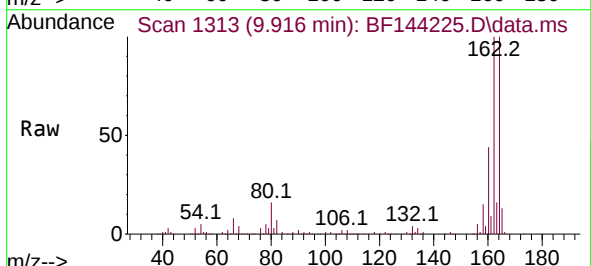
Ion Ratio Lower Upper

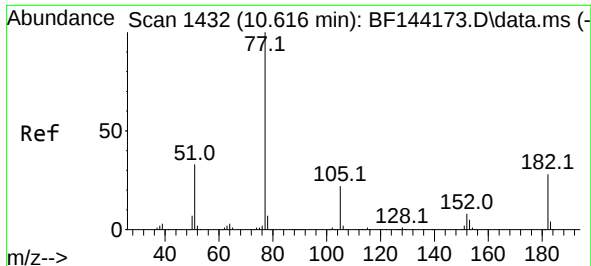
165 100

63 1.3 35.5 53.3#

89 0.0 47.4 71.2#

182 0.0 1.9 2.9#

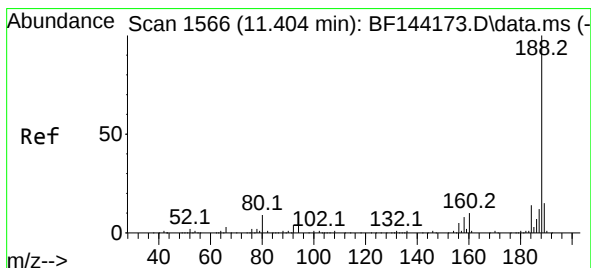
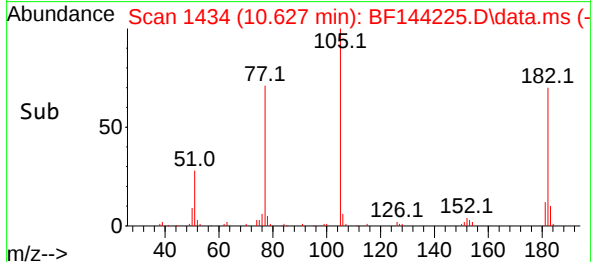
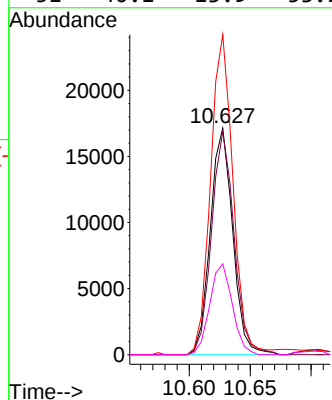
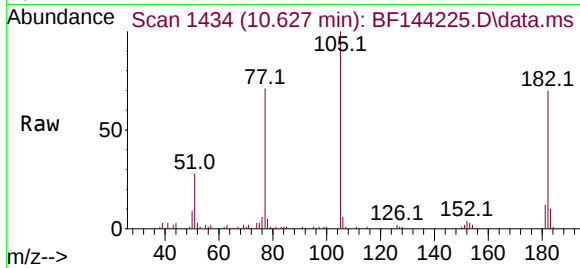




#63
Azobenzene
Concen: 2.488 ng
RT: 10.627 min Scan# 14
Delta R.T. 0.012 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

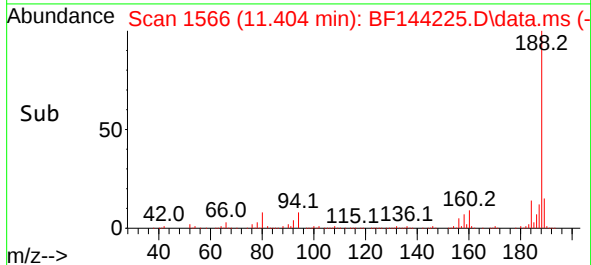
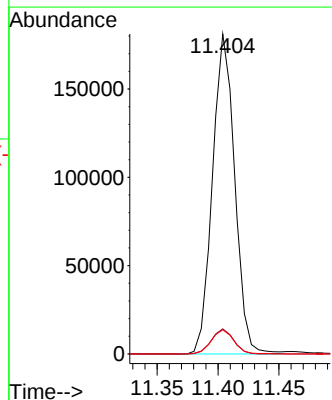
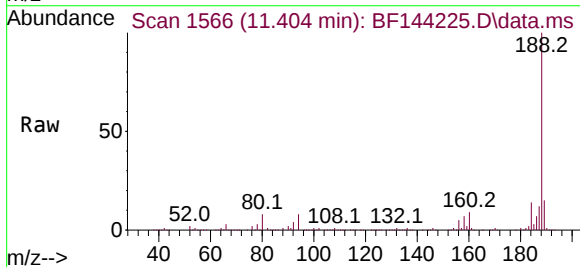
Instrument :
BNA_F
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NB-08-110725

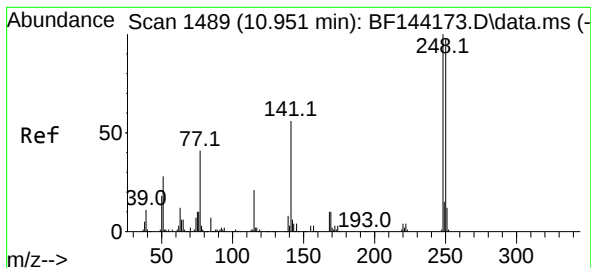
Tgt Ion: 77	Resp: 21949
Ion Ratio	Lower Upper
77 100	
182 98.5	8.1 48.1#
105 141.3	2.0 42.0#
51 40.1	13.9 53.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

Tgt Ion: 188	Resp: 229998
Ion Ratio	Lower Upper
188 100	
94 7.8	6.2 9.2
80 7.5	6.9 10.3

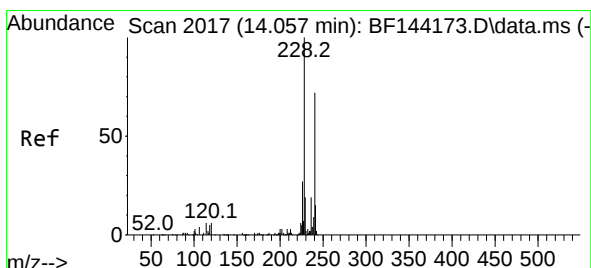
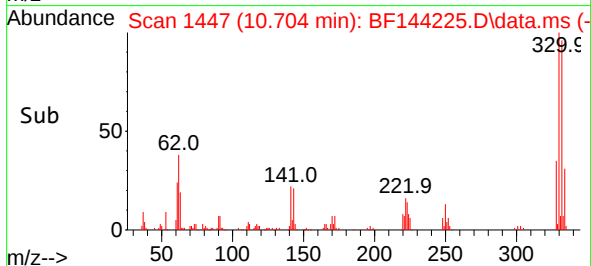
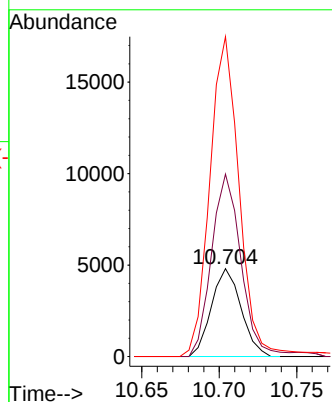
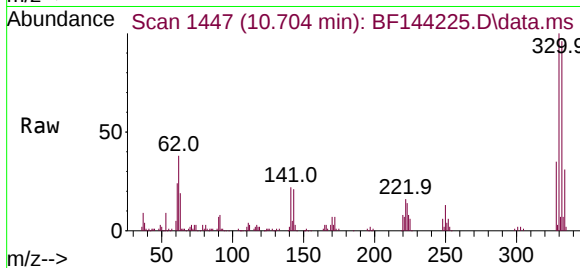




#67
4-Bromophenyl-phenylether
Concen: 2.185 ng
RT: 10.704 min Scan# 1489
Delta R.T. -0.241 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

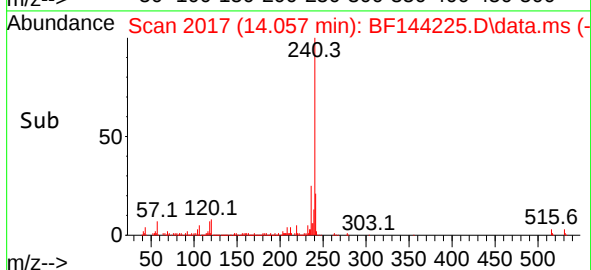
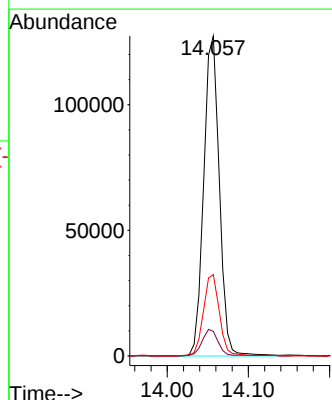
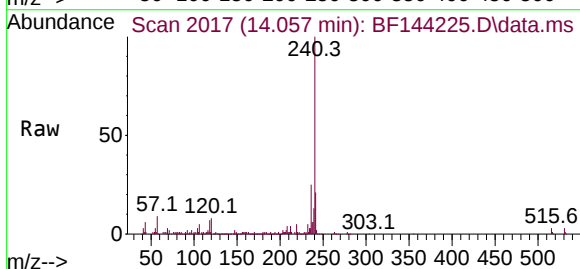
Instrument :
BNA_F
ClientSampleId :
NB-08-110725

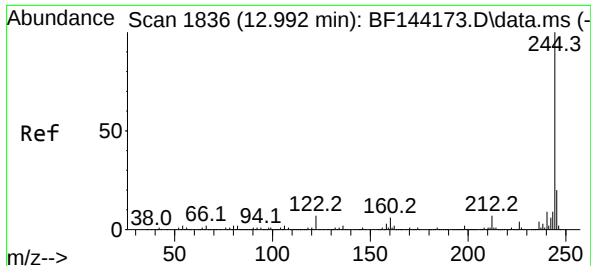
Tgt Ion:248 Resp: 6414
Ion Ratio Lower Upper
248 100
250 207.6 78.4 117.6#
141 363.9 45.1 67.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BF144225.D
Acq: 12 Nov 2025 02:23

Tgt Ion:240 Resp: 170485
Ion Ratio Lower Upper
240 100
120 7.7 6.6 10.0
236 25.4 21.4 32.2

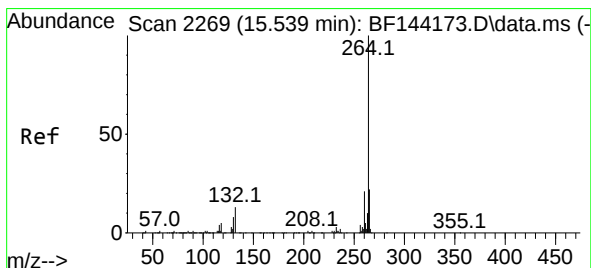
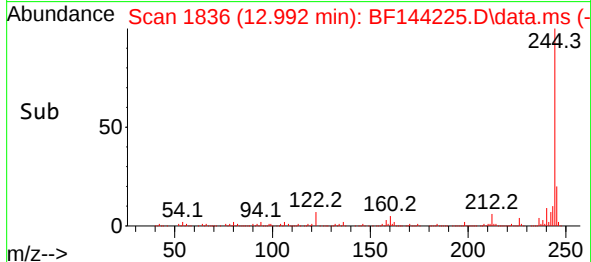
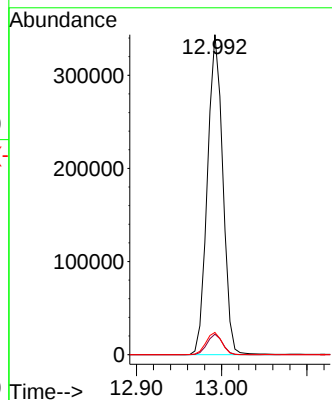
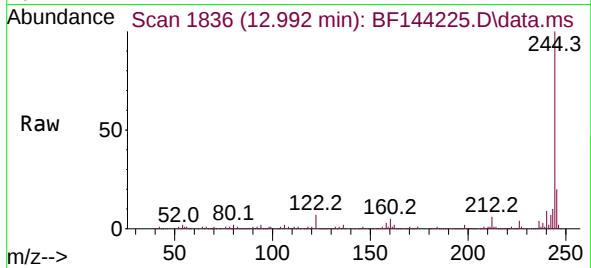




#79
 Terphenyl-d14
 Concen: 40.132 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: BF144225.D
 Acq: 12 Nov 2025 02:23

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-110725

Tgt Ion:244 Resp: 430744
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.3 7.9
 122 6.9 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.000 min
 Lab File: BF144225.D
 Acq: 12 Nov 2025 02:23

Tgt Ion:264 Resp: 154440
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.1 25.7
 265 22.2 17.4 26.0

