

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
 Data File : BF144346.D
 Acq On : 25 Nov 2025 12:55
 Operator : RC/JU
 Sample : PB170715BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170715BL

Quant Time: Nov 25 13:14:56 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)

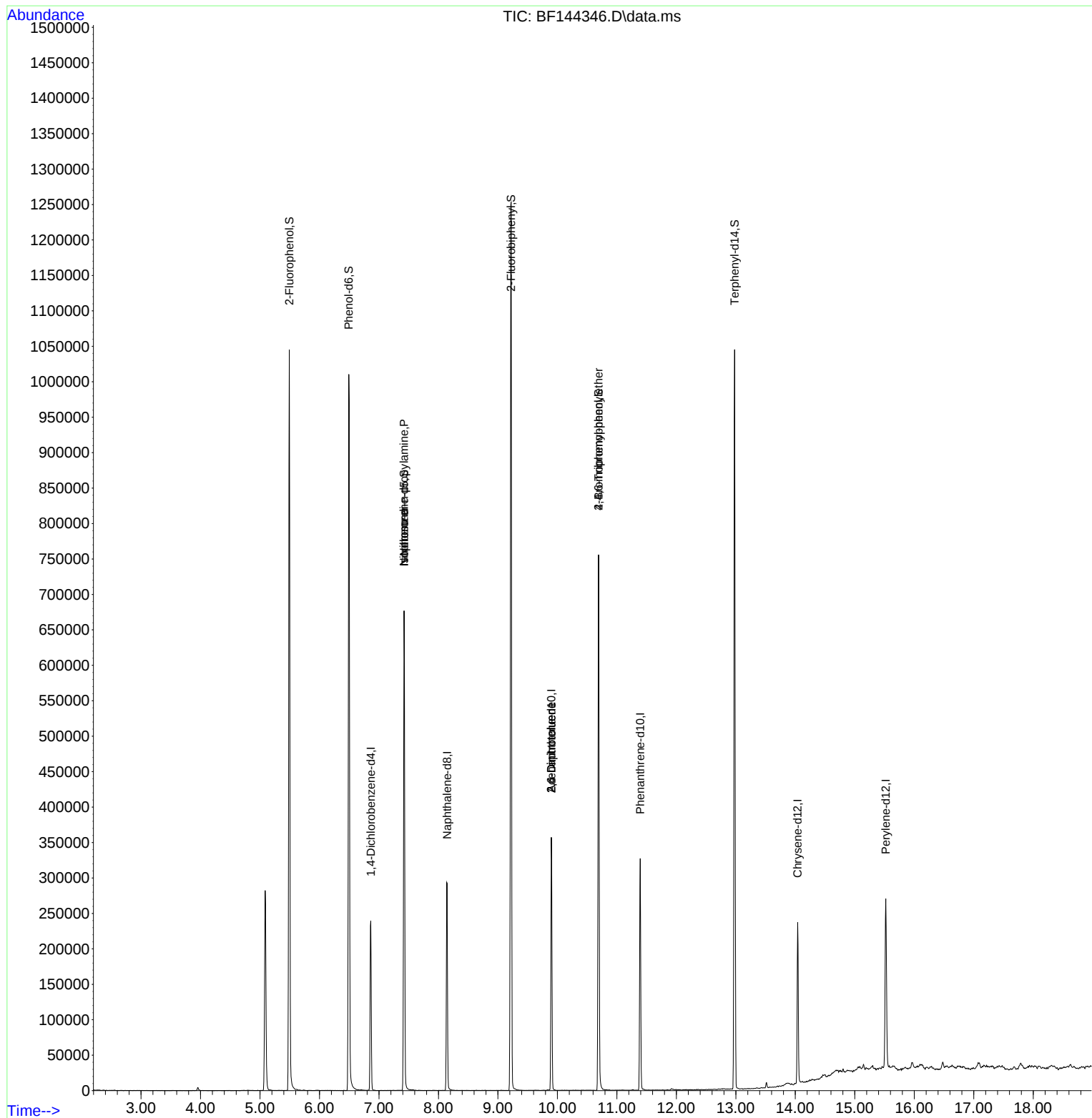
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	54881	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	204730	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	115366	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	185753	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	118615	20.000	ng	#-0.01
86) Perylene-d12	15.521	264	153006	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	420331	119.853	ng	0.00
7) Phenol-d6	6.492	99	472460	118.895	ng	0.00
23) Nitrobenzene-d5	7.422	82	296461	83.633	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	157736	108.956	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	639316	81.846	ng	0.00
79) Terphenyl-d14	12.980	244	570685	76.422	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	42475	16.237	ng	# 76
25) Isophorone	7.422	82	296459	44.214	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	14778	9.552	ng	# 27
57) 2,4-Dinitrotoluene	9.898	165	14778	7.135	ng	# 27
67) 4-Bromophenyl-phenylether	10.692	248	8787	3.706	ng	# 1

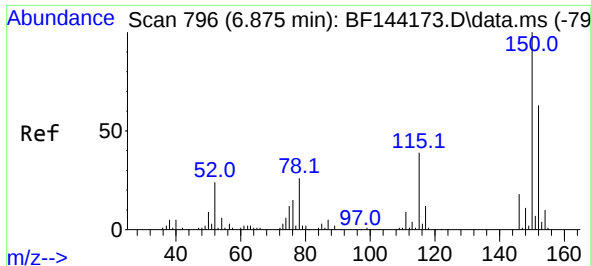
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144346.D
Acq On : 25 Nov 2025 12:55
Operator : RC/JU
Sample : PB170715BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB170715BL

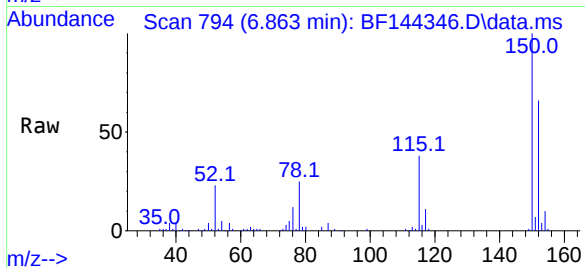
Quant Time: Nov 25 13:14:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration



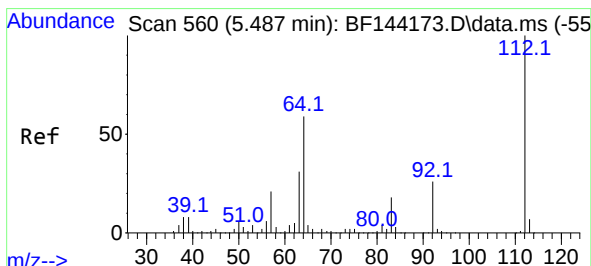
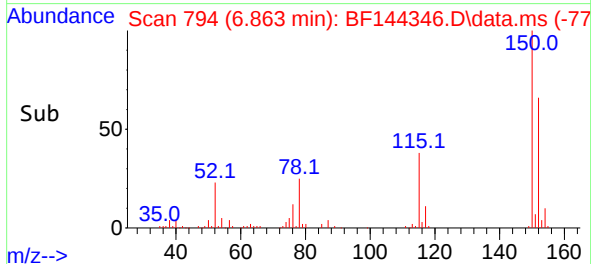
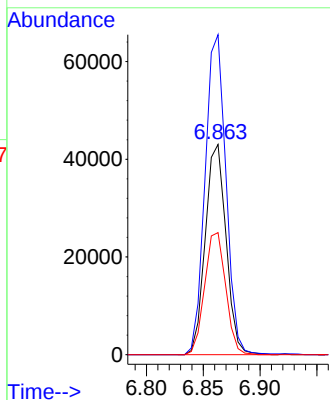


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BF144346.D
 Acq: 25 Nov 2025 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB170715BL

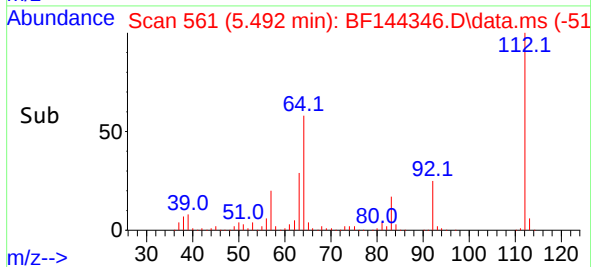
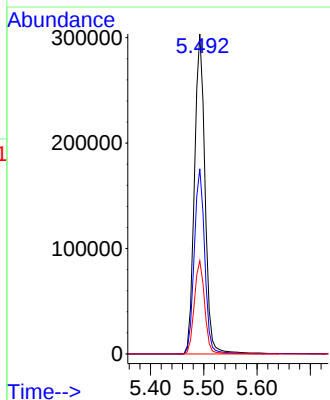
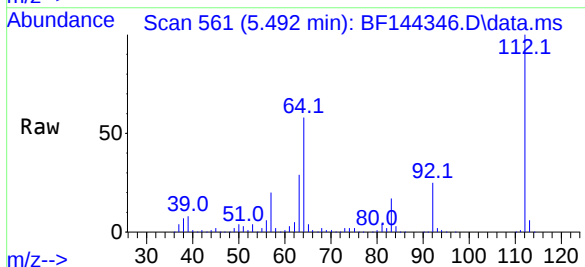


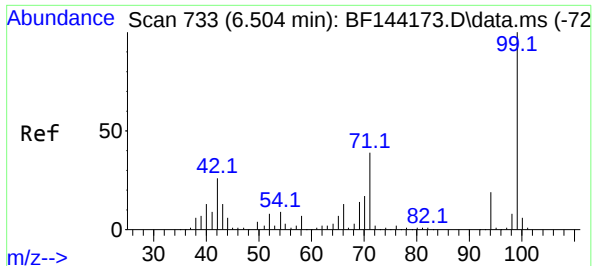
Tgt Ion:152 Resp: 54881
 Ion Ratio Lower Upper
 152 100
 150 152.2 127.4 191.0
 115 58.1 49.5 74.3



#5
 2-Fluorophenol
 Concen: 119.853 ng
 RT: 5.492 min Scan# 561
 Delta R.T. -0.000 min
 Lab File: BF144346.D
 Acq: 25 Nov 2025 12:55

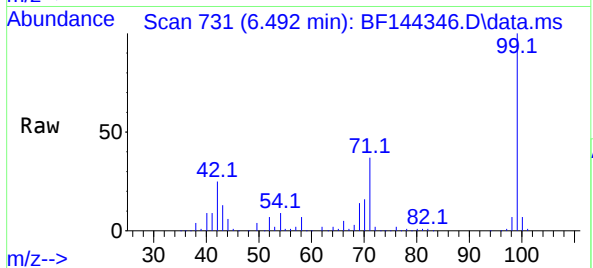
Tgt Ion:112 Resp: 420331
 Ion Ratio Lower Upper
 112 100
 64 57.8 47.2 70.8
 63 29.1 24.4 36.6



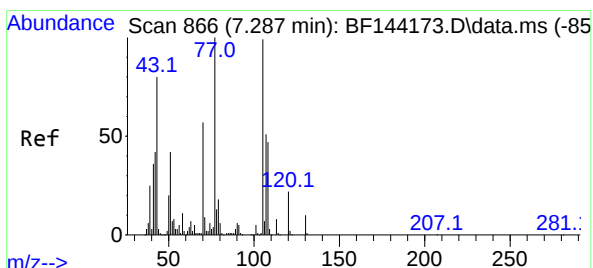
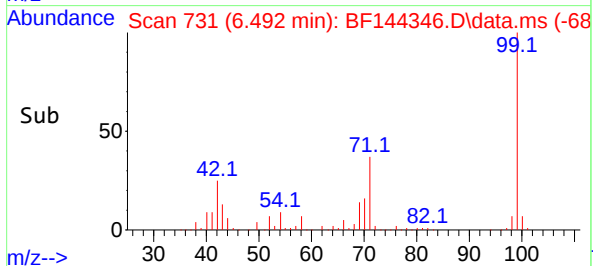
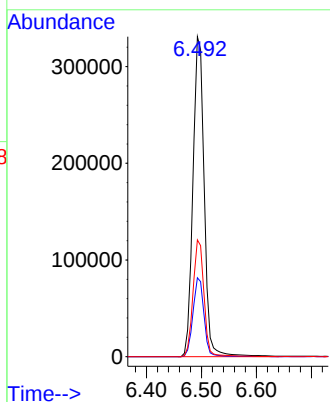


#7
Phenol-d6
Concen: 118.895 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB170715BL

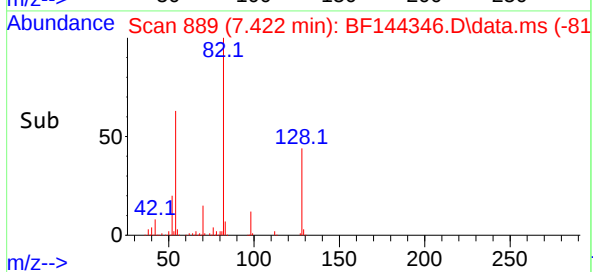
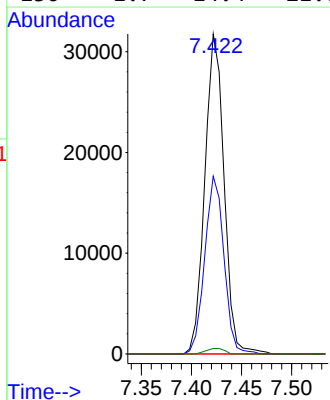
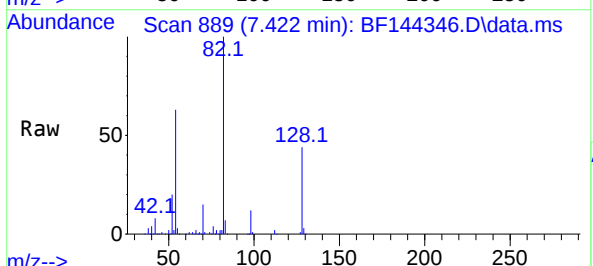


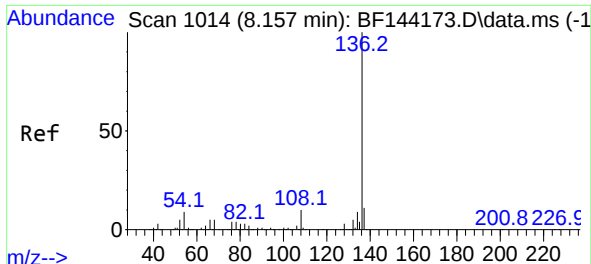
Tgt Ion: 99 Resp: 472460
Ion Ratio Lower Upper
99 100
42 24.7 20.9 31.3
71 36.5 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.237 ng
RT: 7.422 min Scan# 889
Delta R.T. 0.147 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Tgt Ion: 70 Resp: 42475
Ion Ratio Lower Upper
70 100
42 55.5 58.3 87.5#
101 0.0 7.0 10.6#
130 1.7 14.4 21.6#



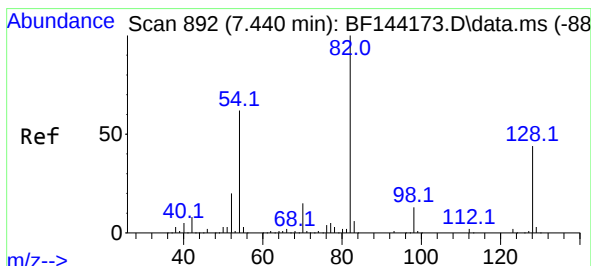
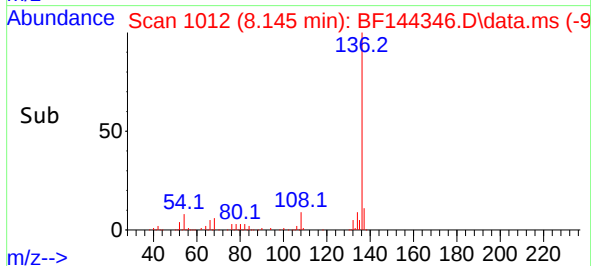
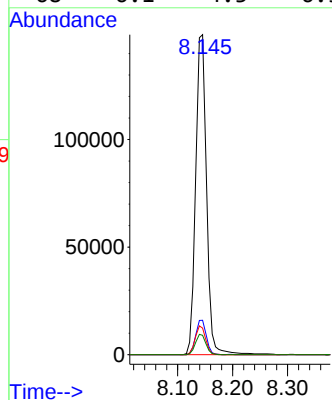
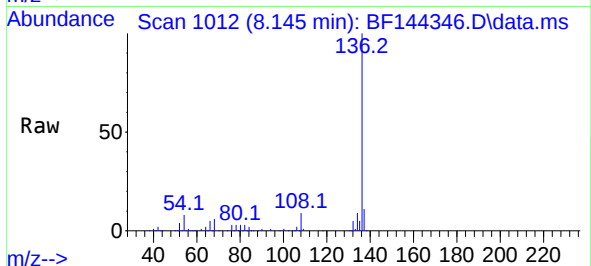


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB170715BL

Tgt Ion:136 Resp: 204730

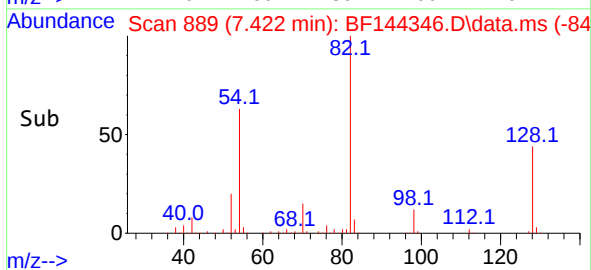
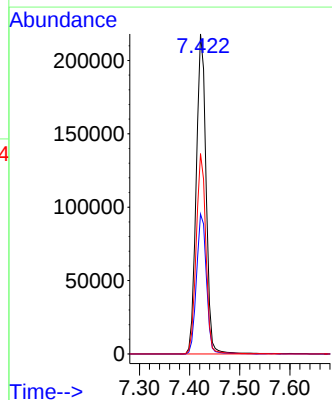
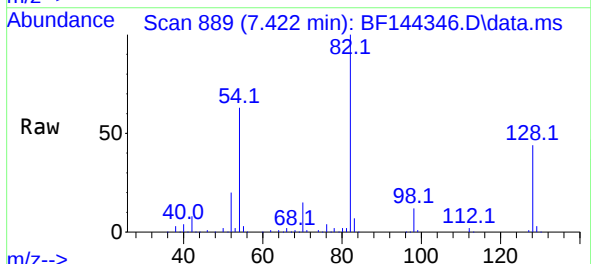
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.3	7.0	10.6
68	6.1	4.3	6.5

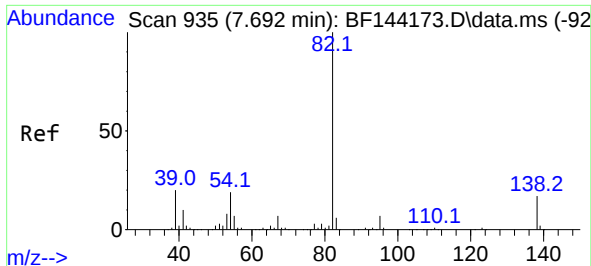


#23
Nitrobenzene-d5
Concen: 83.633 ng
RT: 7.422 min Scan# 889
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Tgt Ion: 82 Resp: 296461

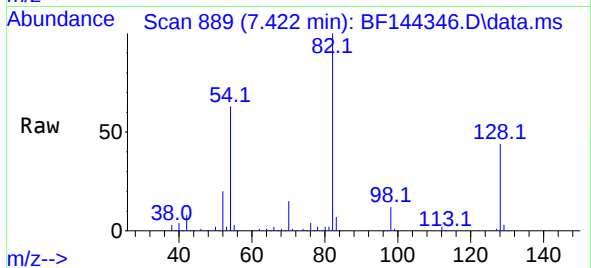
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.7	52.1
54	62.6	49.5	74.3



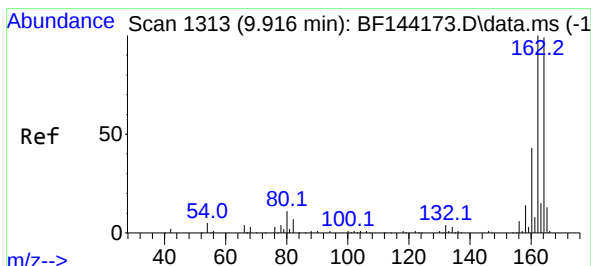
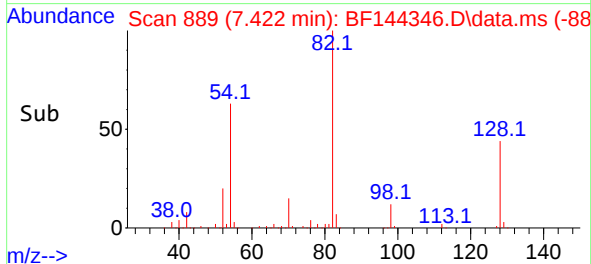
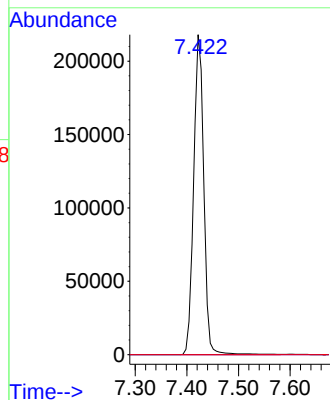


#25
Isophorone
Concen: 44.214 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB170715BL

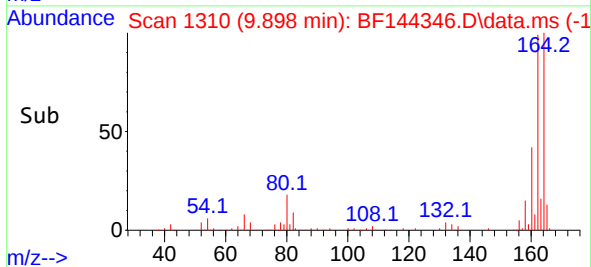
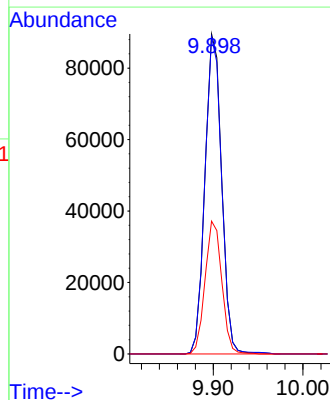
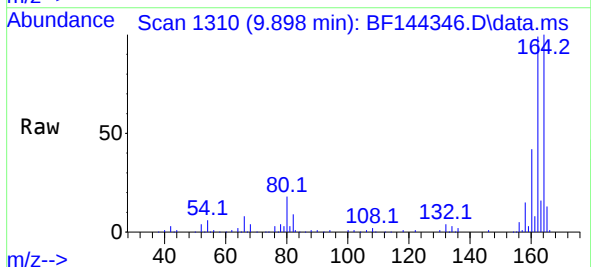


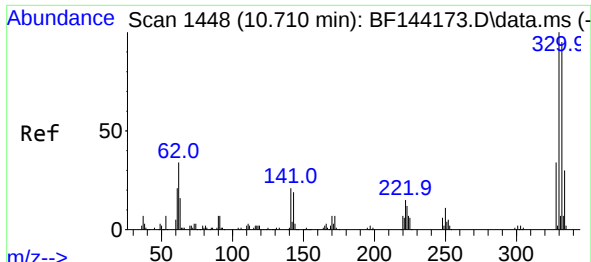
Tgt Ion: 82 Resp: 296459
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

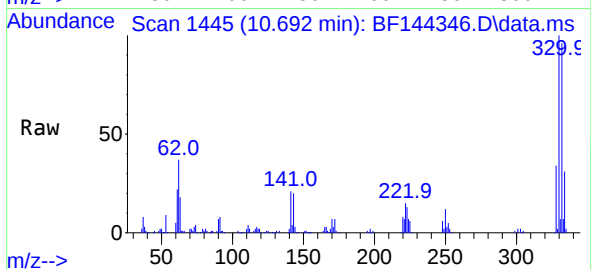
Tgt Ion: 164 Resp: 115366
Ion Ratio Lower Upper
164 100
162 99.0 81.1 121.7
160 41.5 34.5 51.7



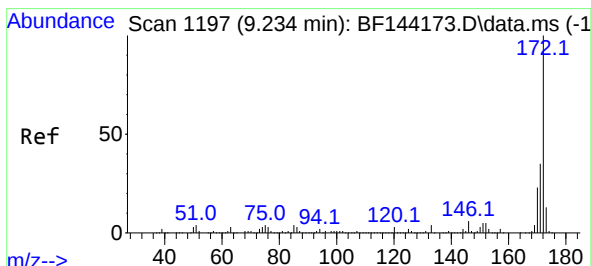
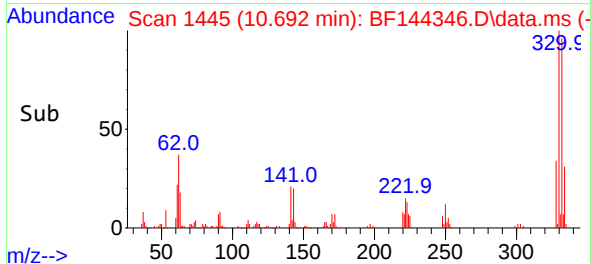
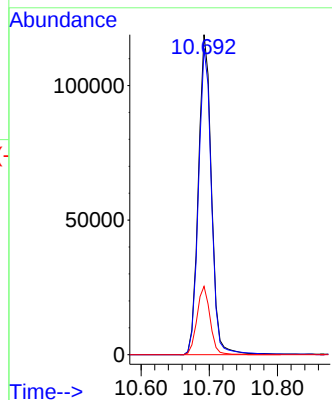


#42
2,4,6-Tribromophenol
Concen: 108.956 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Instrument :
BNA_F
ClientSampleId :
PB170715BL

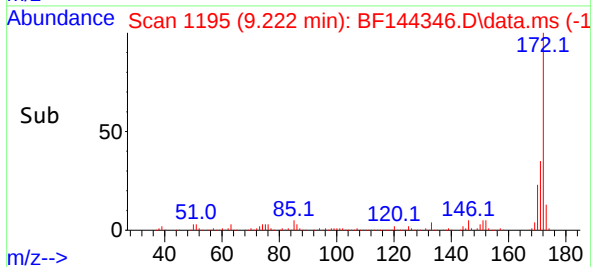
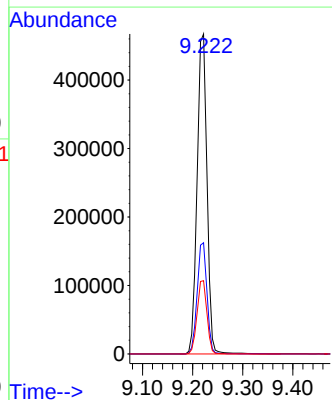
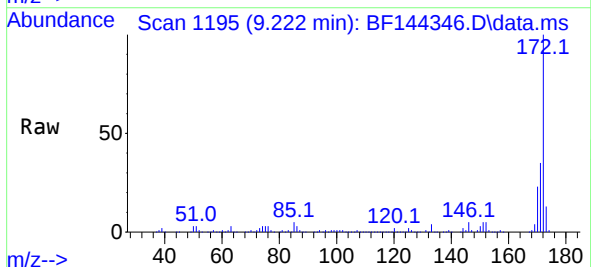


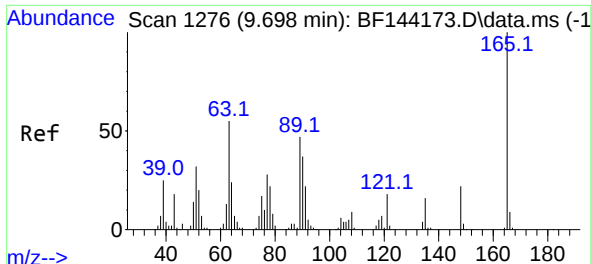
Tgt Ion:330 Resp: 157736
Ion Ratio Lower Upper
330 100
332 95.2 76.7 115.1
141 21.3 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 81.846 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Tgt Ion:172 Resp: 639316
Ion Ratio Lower Upper
172 100
171 34.8 28.1 42.1
170 22.9 18.6 28.0

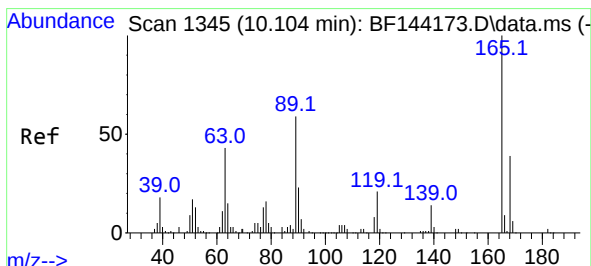
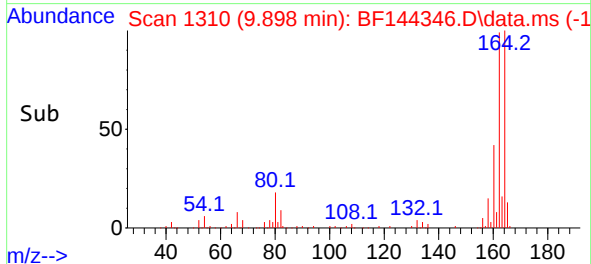
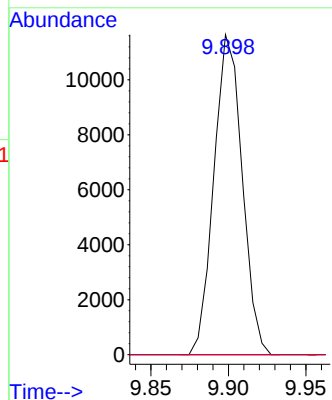
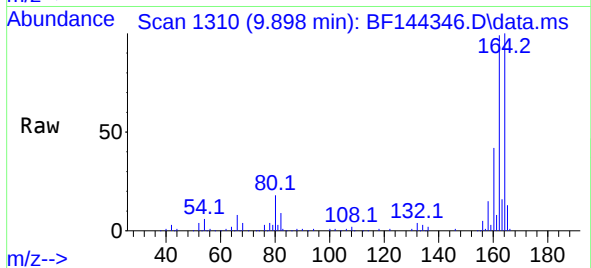




#51
2,6-Dinitrotoluene
Concen: 9.552 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

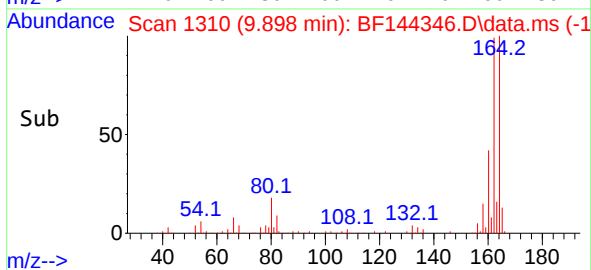
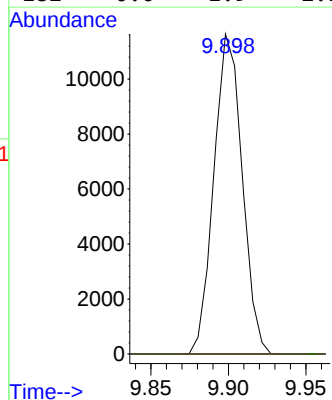
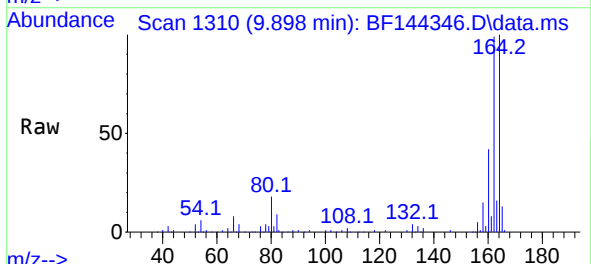
Instrument :
BNA_F
ClientSampleId :
PB170715BL

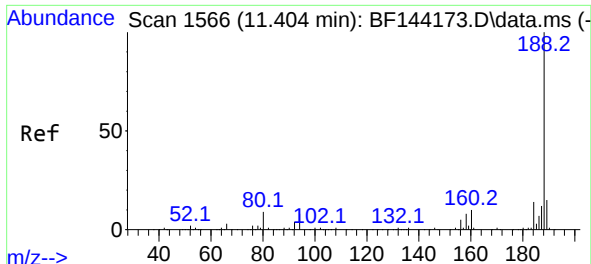
Tgt Ion:165 Resp: 14778
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.135 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.200 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Tgt Ion:165 Resp: 14778
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 47.4 71.2#
182 0.0 1.9 2.9#

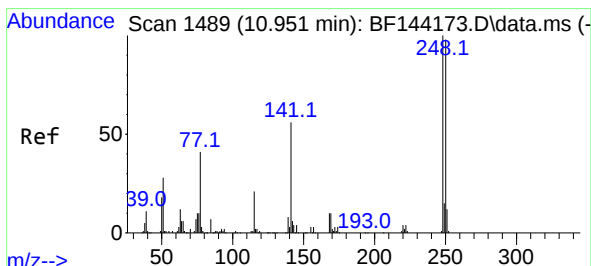
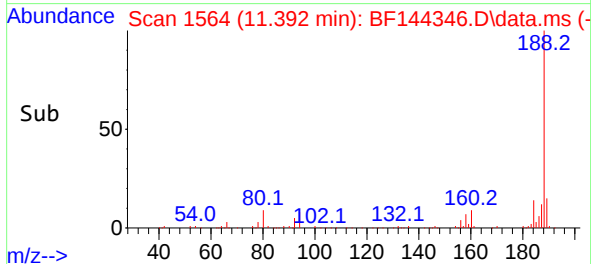
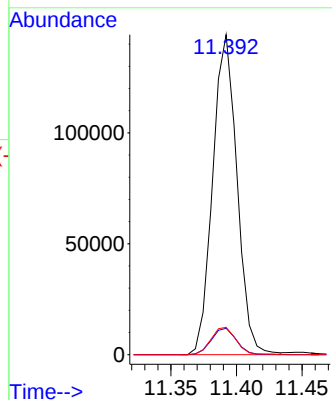
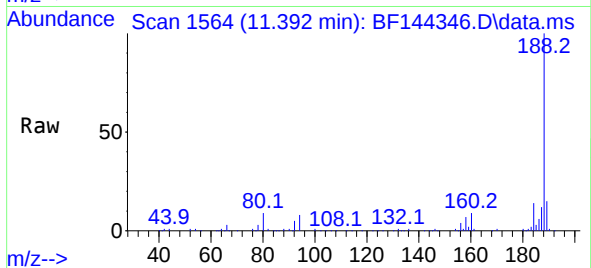




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

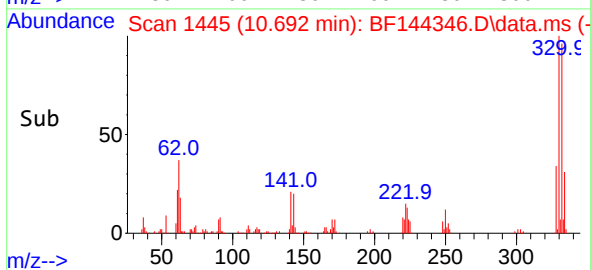
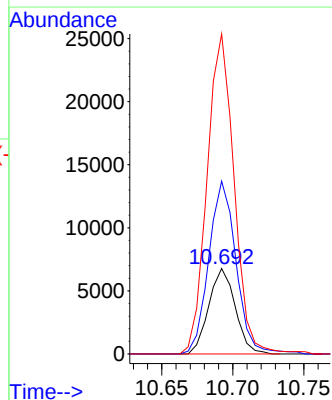
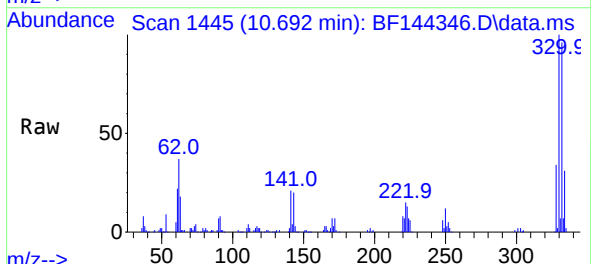
Instrument :
BNA_F
ClientSampleId :
PB170715BL

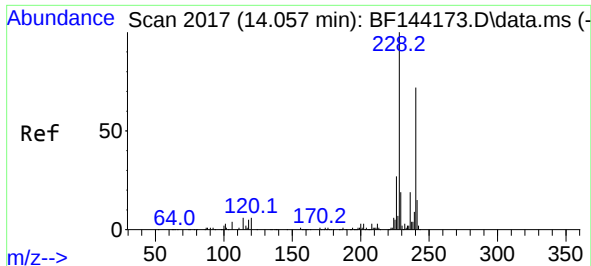
Tgt Ion:188 Resp: 185753
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.5 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.706 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.253 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

Tgt Ion:248 Resp: 8787
Ion Ratio Lower Upper
248 100
250 202.2 78.4 117.6#
141 374.4 45.1 67.7#

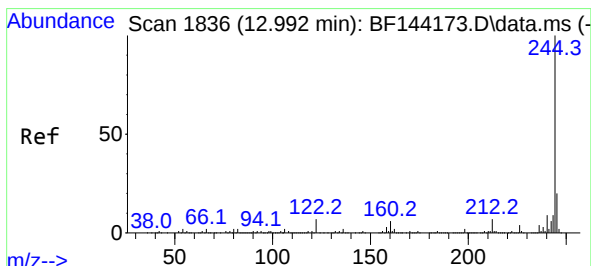
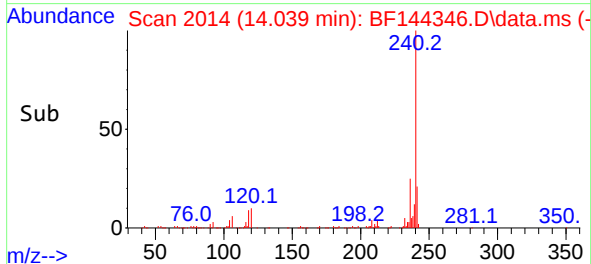
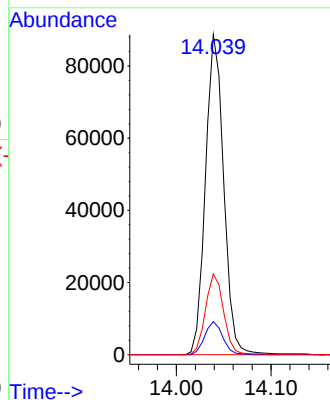
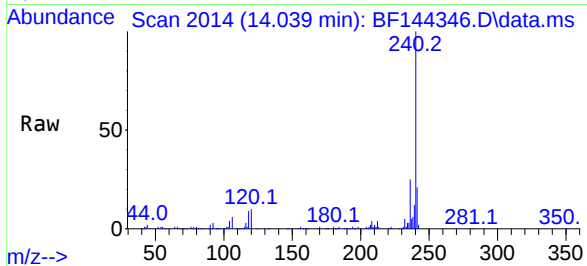




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

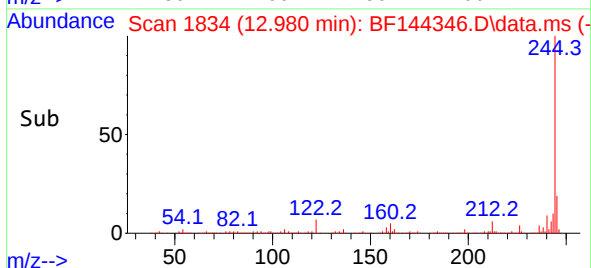
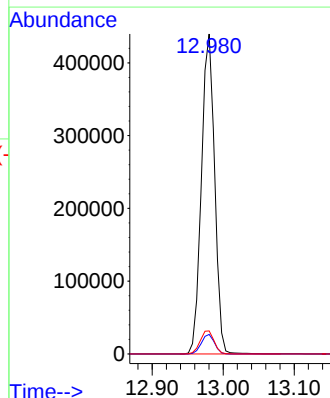
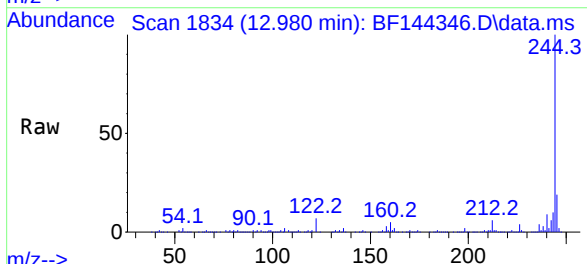
Instrument :
BNA_F
ClientSampleId :
PB170715BL

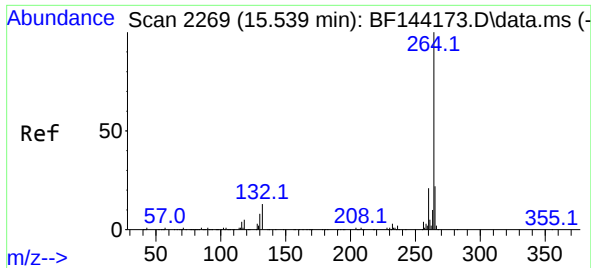
Tgt Ion:240 Resp: 118615
Ion Ratio Lower Upper
240 100
120 10.4 6.6 10.0#
236 25.3 21.4 32.2



#79
Terphenyl-d14
Concen: 76.422 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144346.D
Acq: 25 Nov 2025 12:55

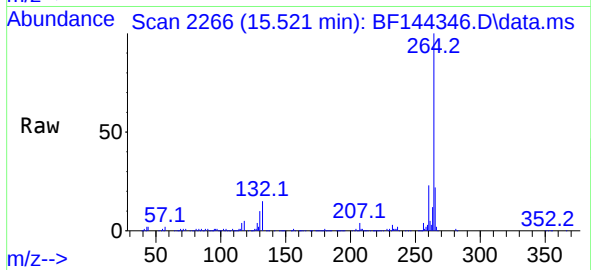
Tgt Ion:244 Resp: 570685
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 7.2 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF144346.D
 Acq: 25 Nov 2025 12:55

Instrument :
 BNA_F
 ClientSampleId :
 PB170715BL



Tgt Ion:264 Resp: 153006
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.1 25.7
 265 21.7 17.4 26.0

