

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144282.D
 Acq On : 19 Nov 2025 17:20
 Operator : RC/JU
 Sample : PB170637BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170637BL

Quant Time: Nov 19 18:02:11 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)

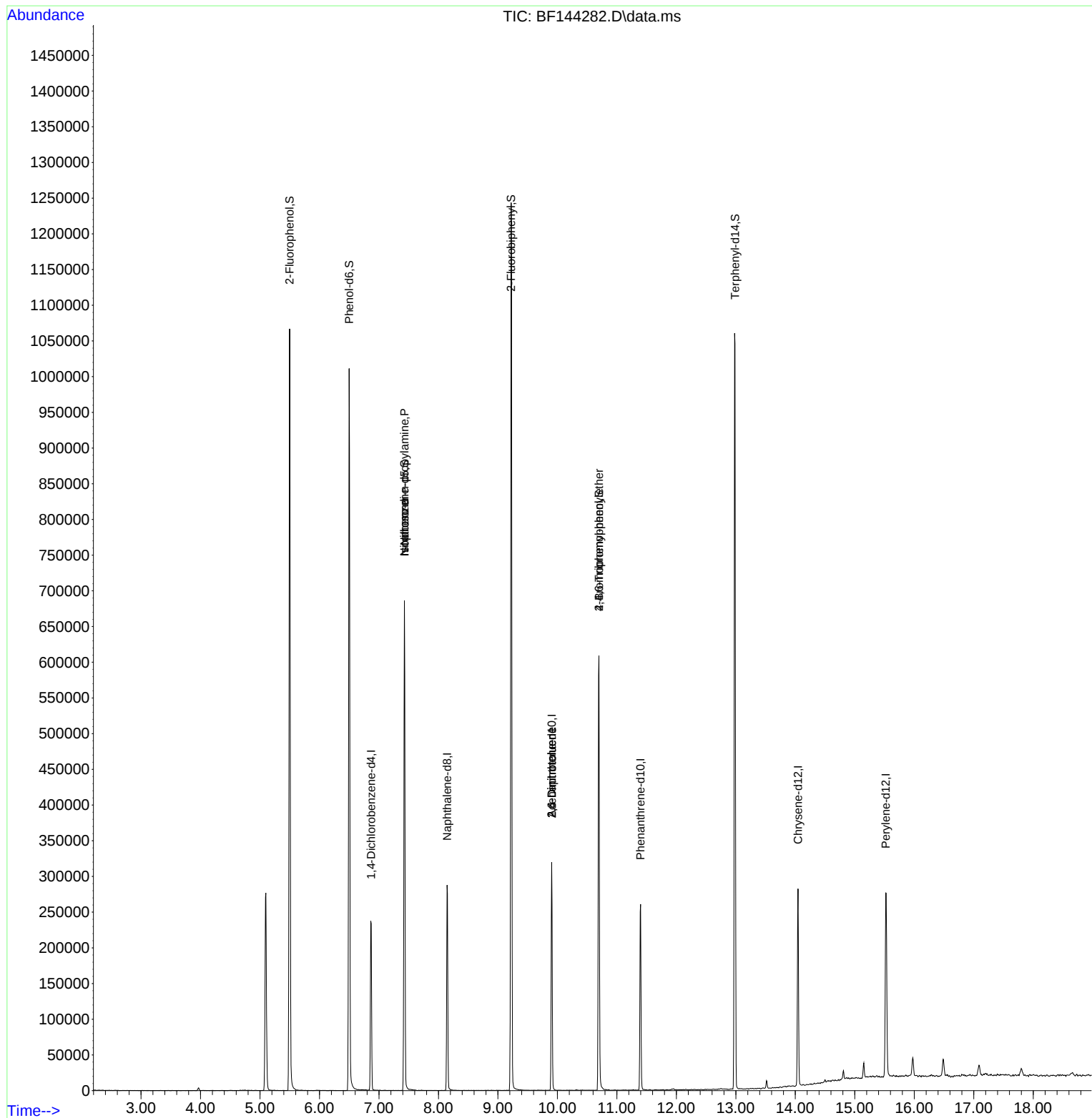
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	51808	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	195866	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	101180	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	150413	20.000	ng	0.00
76) Chrysene-d12	14.045	240	144217	20.000	ng	0.00
86) Perylene-d12	15.521	264	166107	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	412517	124.602	ng	0.00
7) Phenol-d6	6.498	99	447040	119.170	ng	0.00
23) Nitrobenzene-d5	7.428	82	290178	85.565	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	131756	103.770	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	599854	87.561	ng	0.00
79) Terphenyl-d14	12.986	244	586441	64.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	42240	17.105	ng	# 79
25) Isophorone	7.428	82	290178	45.236	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	12486	9.202	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	12486	6.874	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	7347	3.827	ng	# 1

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

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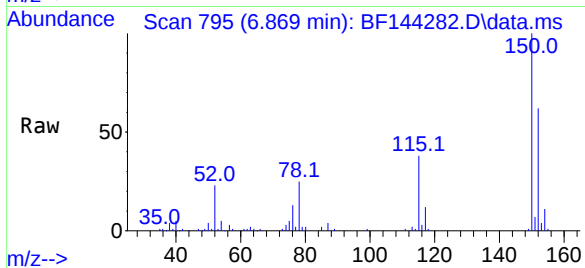
Quant Time: Nov 19 18:02:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
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QLast Update : Wed Nov 05 18:37:33 2025
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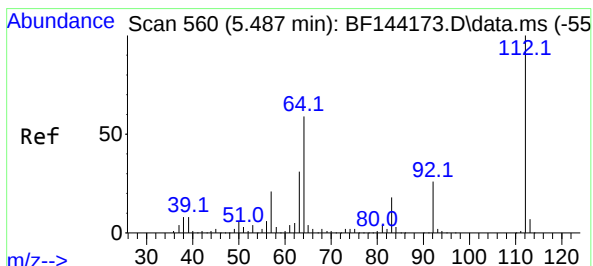
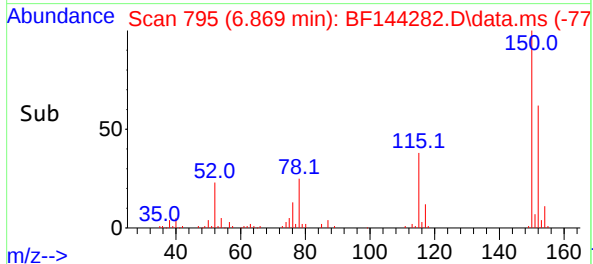
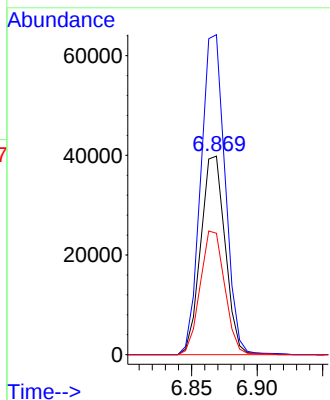


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

Instrument :
BNA_F
ClientSampleId :
PB170637BL

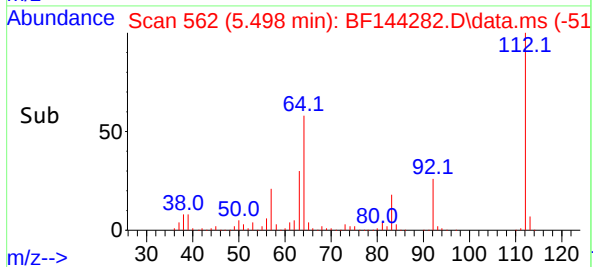
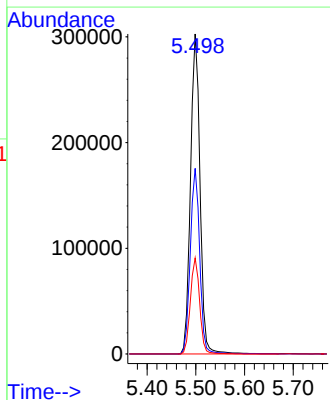
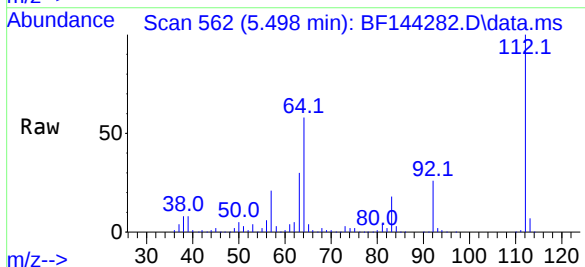


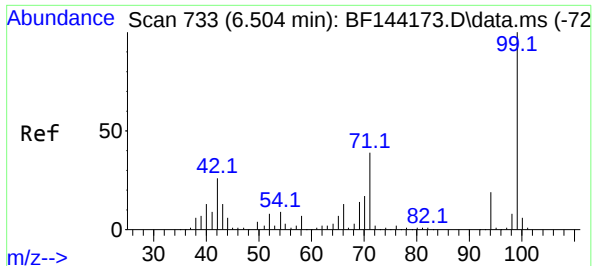
Tgt Ion:152 Resp: 51808
Ion Ratio Lower Upper
152 100
150 161.2 127.4 191.0
115 61.2 49.5 74.3



#5
2-Fluorophenol
Concen: 124.602 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

Tgt Ion:112 Resp: 412517
Ion Ratio Lower Upper
112 100
64 58.0 47.2 70.8
63 30.0 24.4 36.6

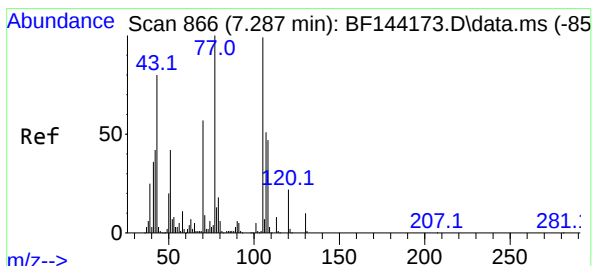
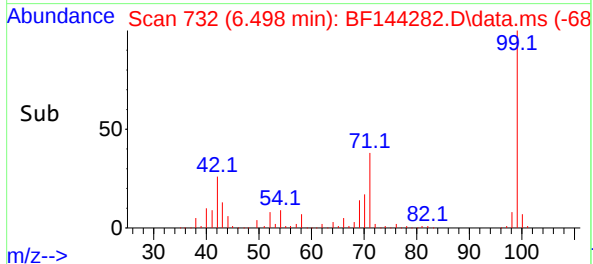
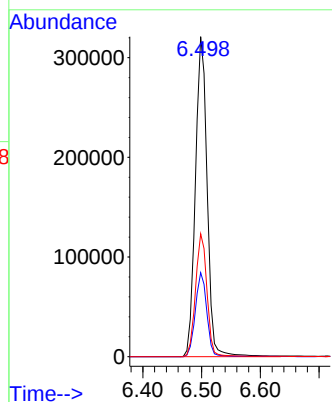
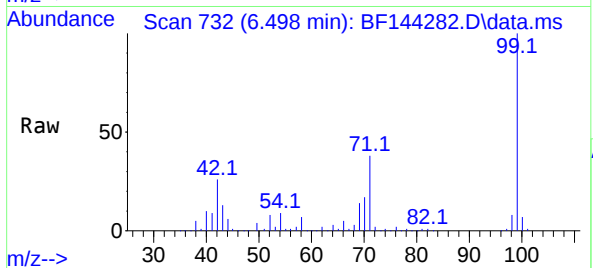




#7
Phenol-d6
Concen: 119.170 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

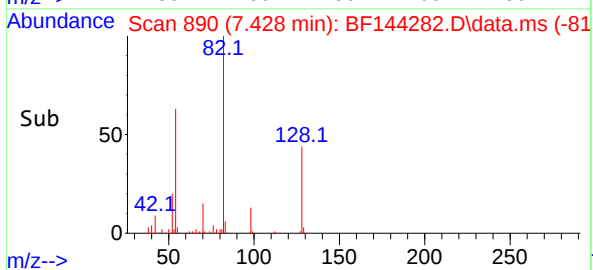
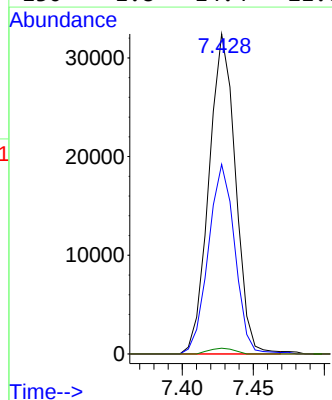
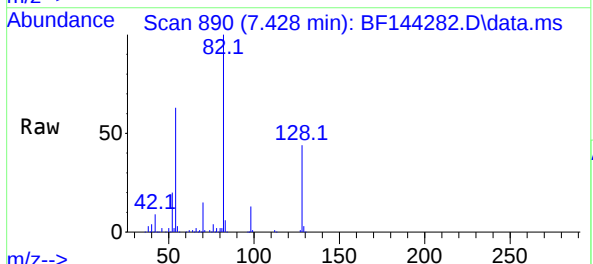
Instrument :
BNA_F
ClientSampleId :
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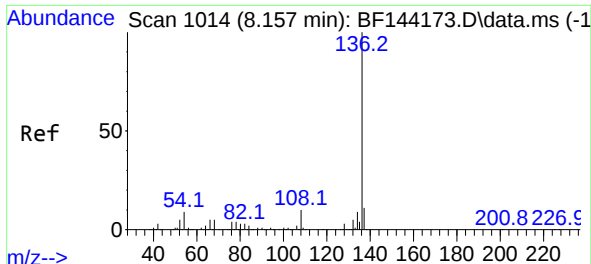
Tgt Ion: 99 Resp: 447040
Ion Ratio Lower Upper
99 100
42 26.3 20.9 31.3
71 38.4 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.105 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.153 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

Tgt Ion: 70 Resp: 42240
Ion Ratio Lower Upper
70 100
42 59.2 58.3 87.5
101 0.0 7.0 10.6#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF144282.D

Acq: 19 Nov 2025 17:20

Instrument :

BNA_F

ClientSampleId :

PB170637BL

Tgt Ion:136 Resp: 195866

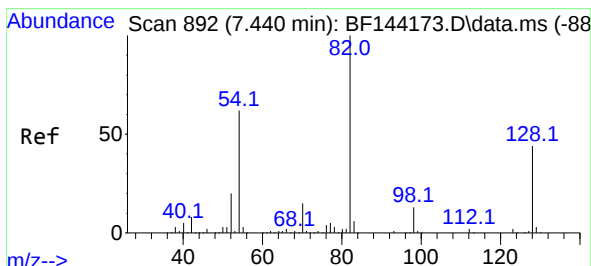
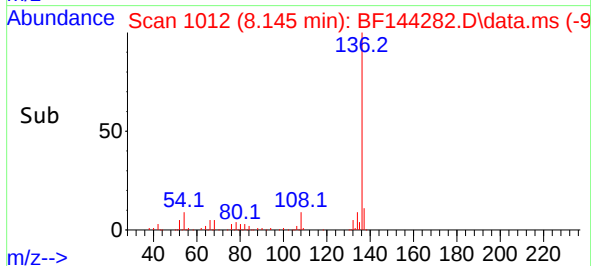
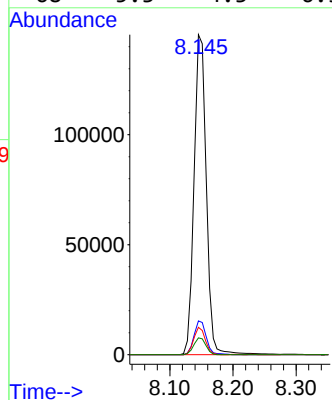
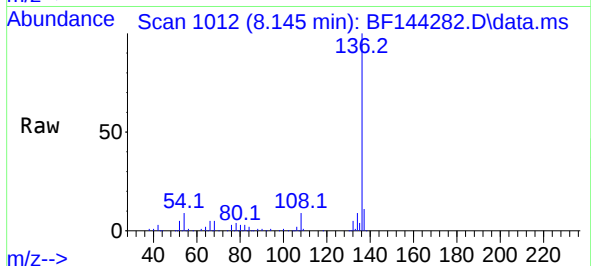
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.5 7.0 10.6

68 5.3 4.3 6.5



#23

Nitrobenzene-d5

Concen: 85.565 ng

RT: 7.428 min Scan# 890

Delta R.T. -0.006 min

Lab File: BF144282.D

Acq: 19 Nov 2025 17:20

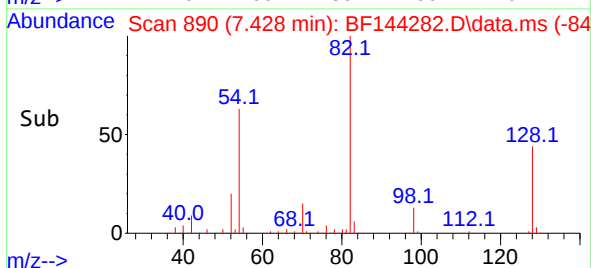
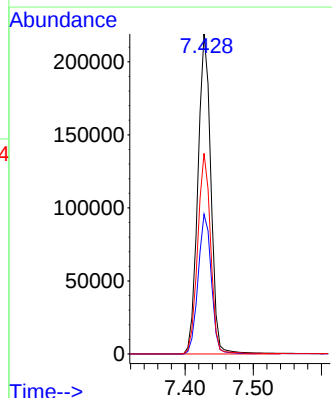
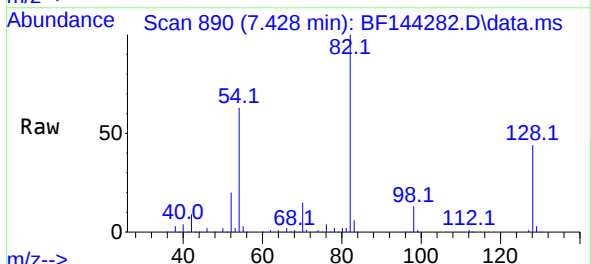
Tgt Ion: 82 Resp: 290178

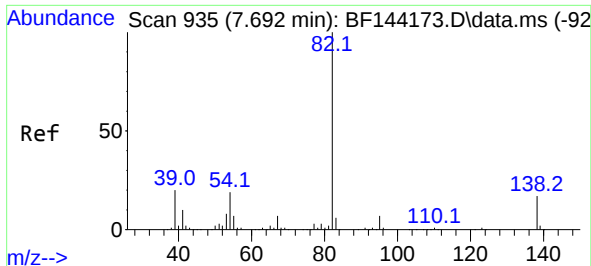
Ion Ratio Lower Upper

82 100

128 43.6 34.7 52.1

54 62.7 49.5 74.3

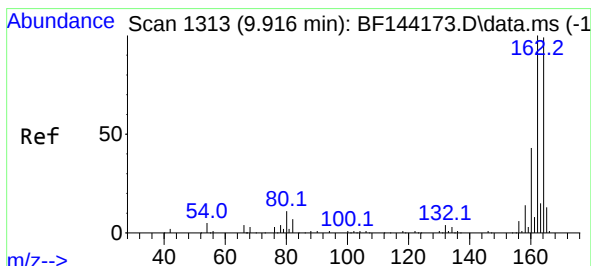
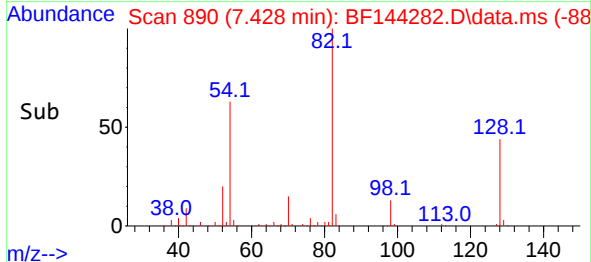
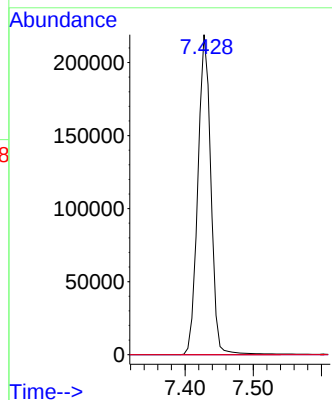
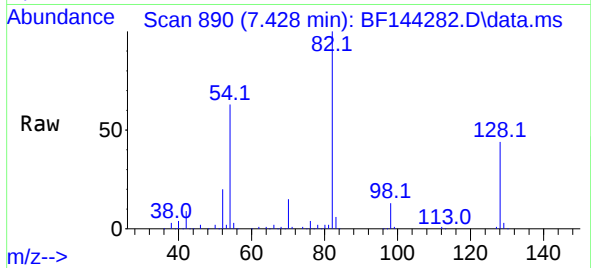




#25
Isophorone
Concen: 45.236 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

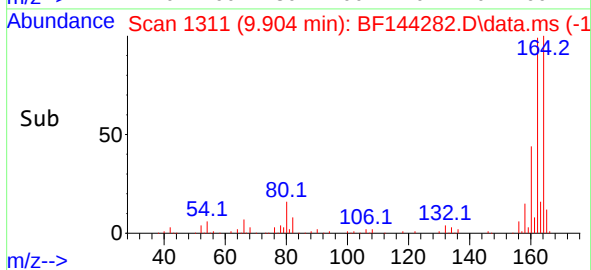
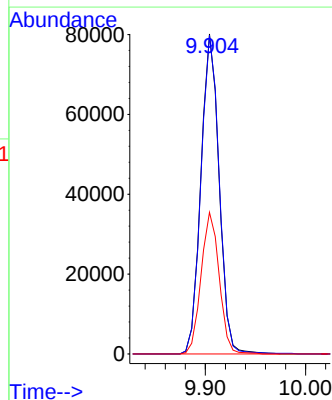
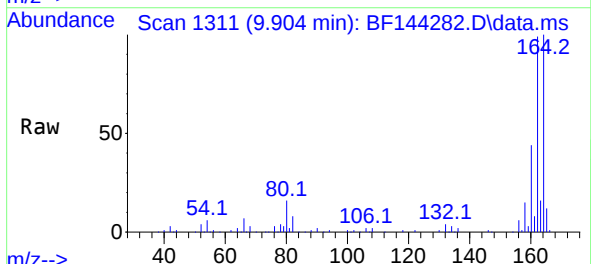
Instrument :
BNA_F
ClientSampleId :
PB170637BL

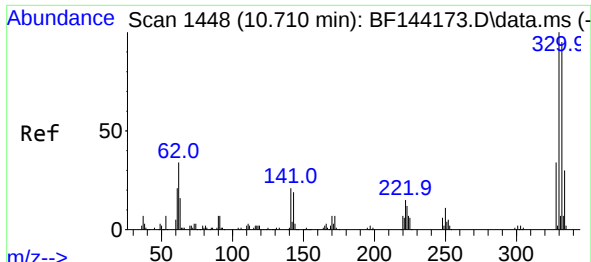
Tgt Ion: 82 Resp: 290178
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

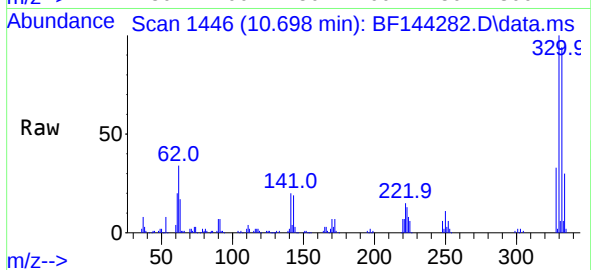
Tgt Ion:164 Resp: 101180
Ion Ratio Lower Upper
164 100
162 99.5 81.1 121.7
160 44.3 34.5 51.7



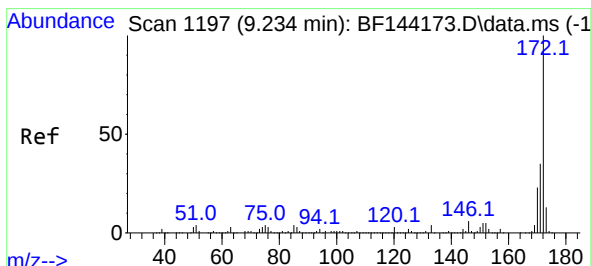
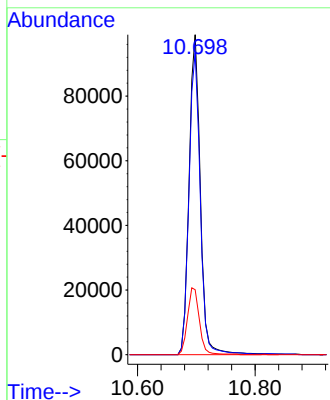
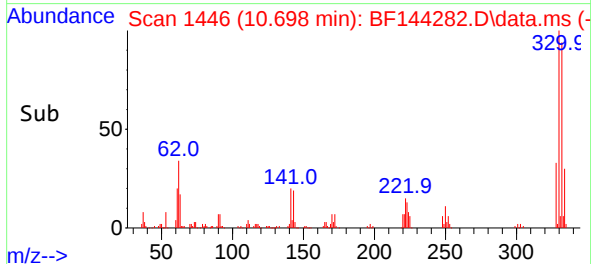


#42
2,4,6-Tribromophenol
Concen: 103.770 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

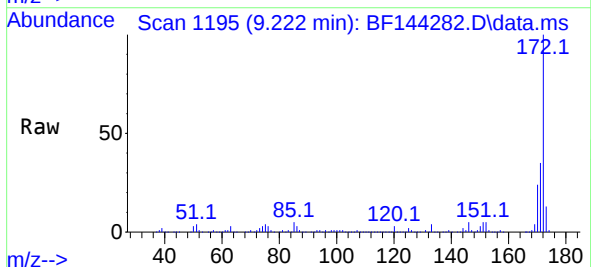
Instrument :
BNA_F
ClientSampleId :
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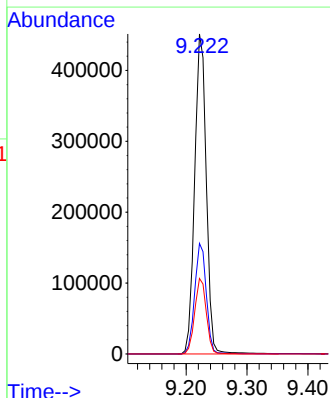
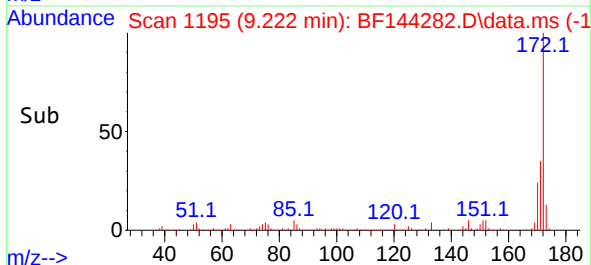
Tgt Ion:330 Resp: 131756
Ion Ratio Lower Upper
330 100
332 94.6 76.7 115.1
141 21.9 17.8 26.8

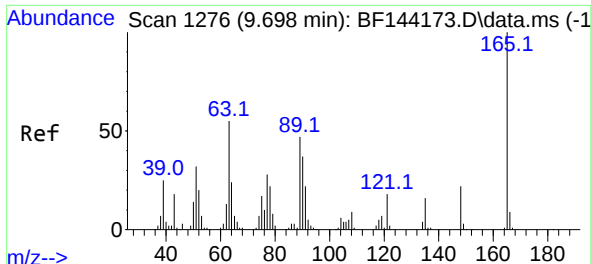


#45
2-Fluorobiphenyl
Concen: 87.561 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20



Tgt Ion:172 Resp: 599854
Ion Ratio Lower Upper
172 100
171 34.6 28.1 42.1
170 23.6 18.6 28.0

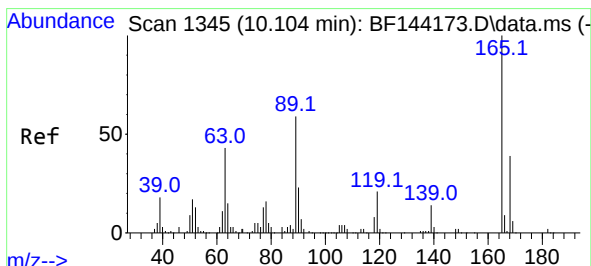
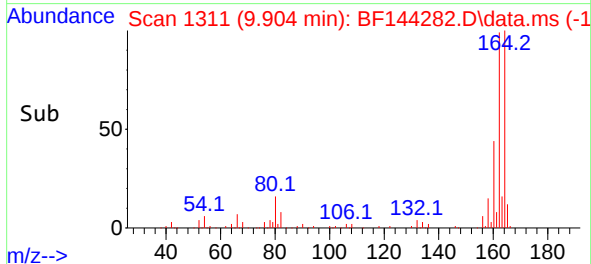
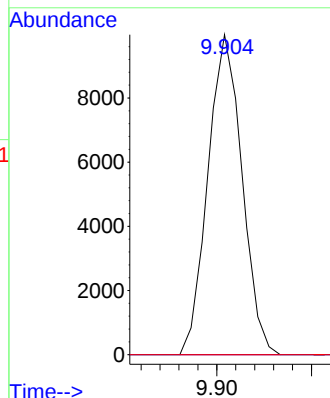
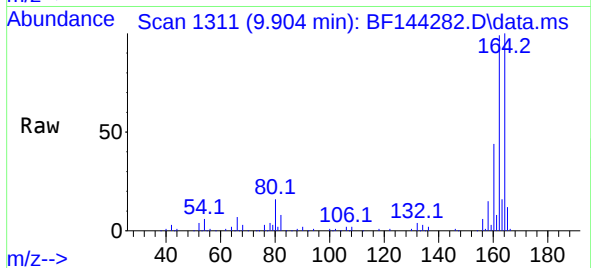




#51
2,6-Dinitrotoluene
Concen: 9.202 ng
RT: 9.904 min Scan# 1111
Delta R.T. 0.212 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

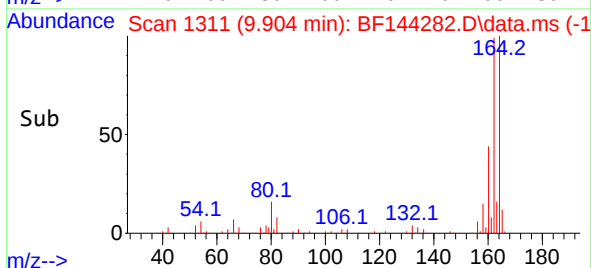
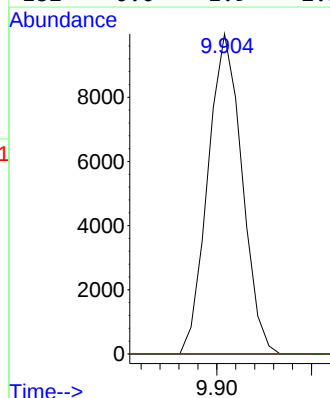
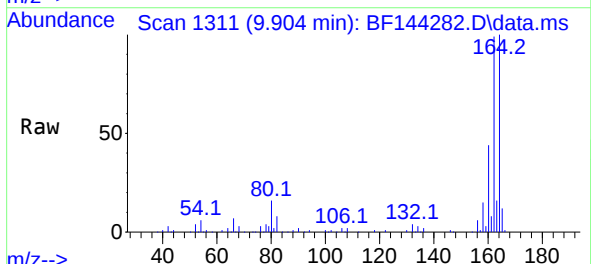
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ClientSampleId :
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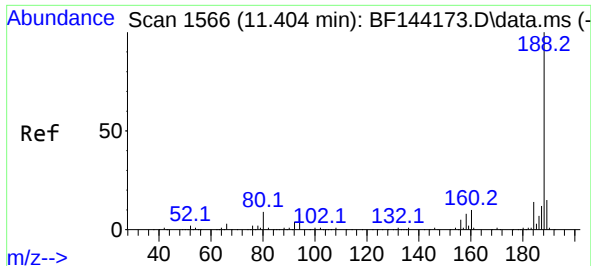
Tgt Ion:165 Resp: 12486
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 6.874 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

Tgt Ion:165 Resp: 12486
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#

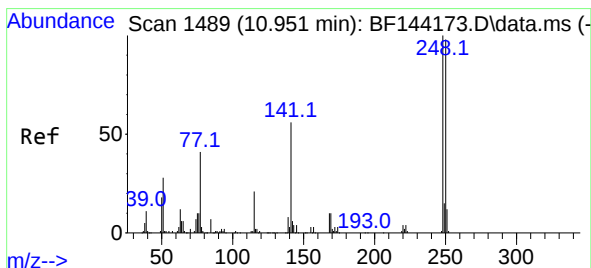
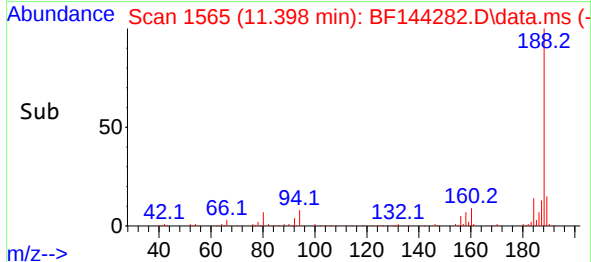
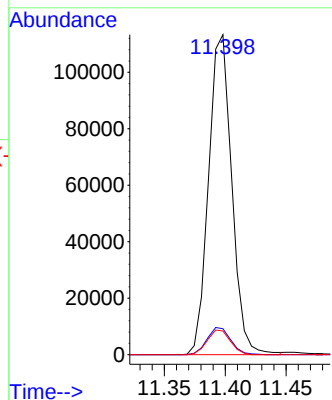
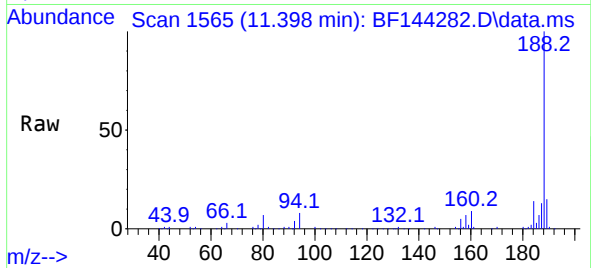




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

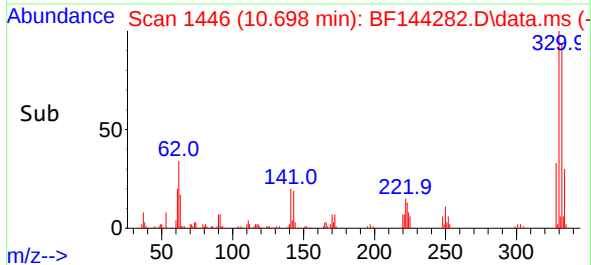
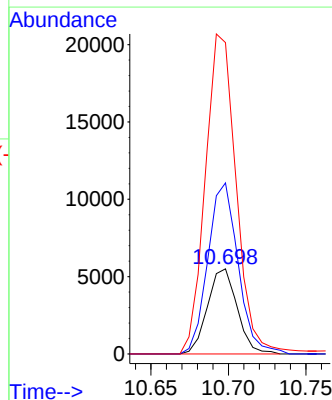
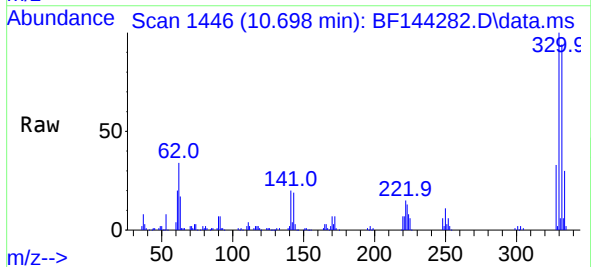
Instrument :
BNA_F
ClientSampleId :
PB170637BL

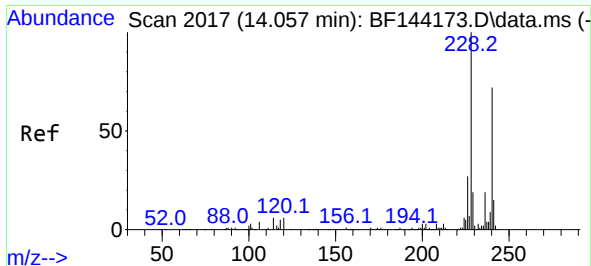
Tgt Ion:188 Resp: 150413
Ion Ratio Lower Upper
188 100
94 8.1 6.2 9.2
80 7.4 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.827 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

Tgt Ion:248 Resp: 7347
Ion Ratio Lower Upper
248 100
250 200.8 78.4 117.6#
141 365.4 45.1 67.7#

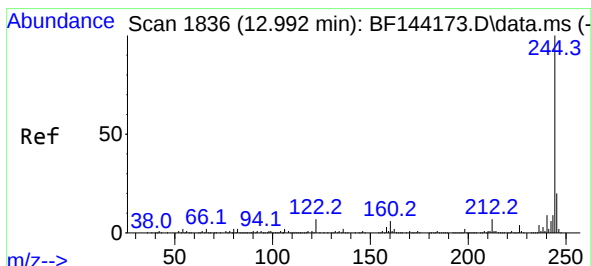
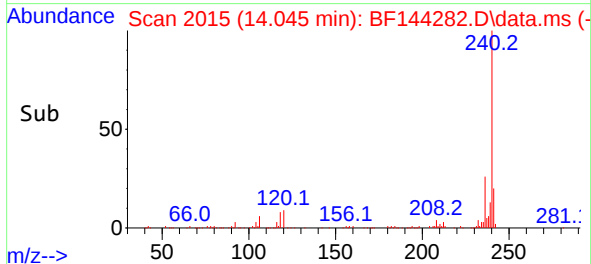
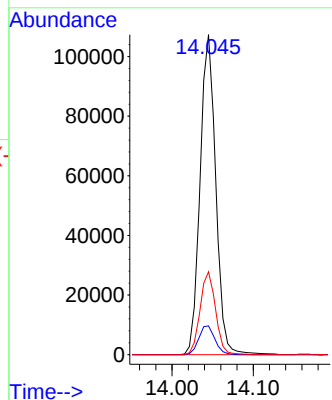
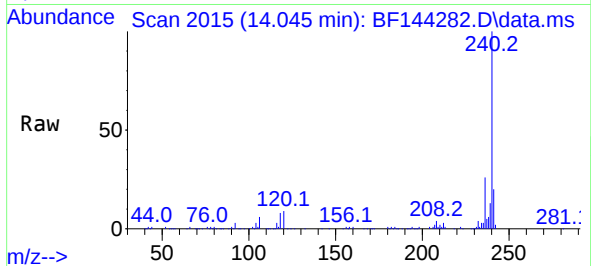




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

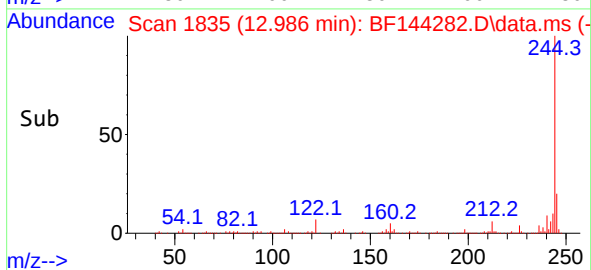
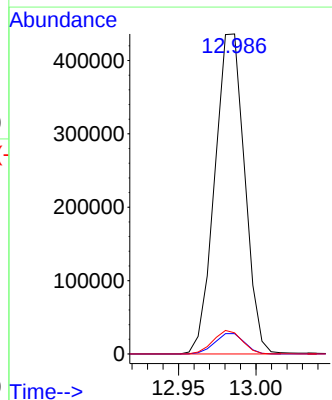
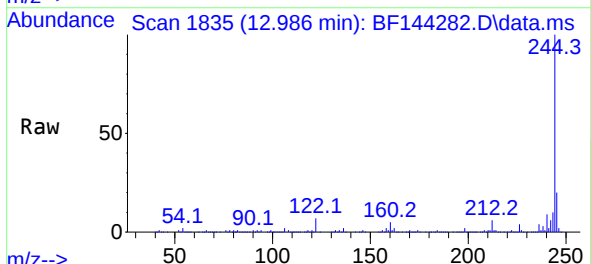
Instrument :
BNA_F
ClientSampleId :
PB170637BL

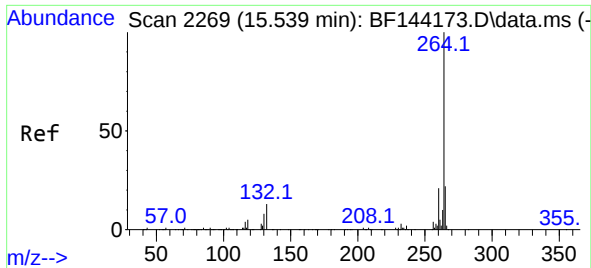
Tgt Ion:240 Resp: 144217
Ion Ratio Lower Upper
240 100
120 9.0 6.6 10.0
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 64.591 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF144282.D
Acq: 19 Nov 2025 17:20

Tgt Ion:244 Resp: 586441
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 6.6 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: BF144282.D
 Acq: 19 Nov 2025 17:20

Instrument :
 BNA_F
 ClientSampleId :
 PB170637BL

Tgt Ion:264 Resp: 166107
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.1 25.7
 265 19.8 17.4 26.0

