

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144276.D
 Acq On : 19 Nov 2025 13:07
 Operator : RC/JU
 Sample : PB170631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BL

Quant Time: Nov 19 13:29:38 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)

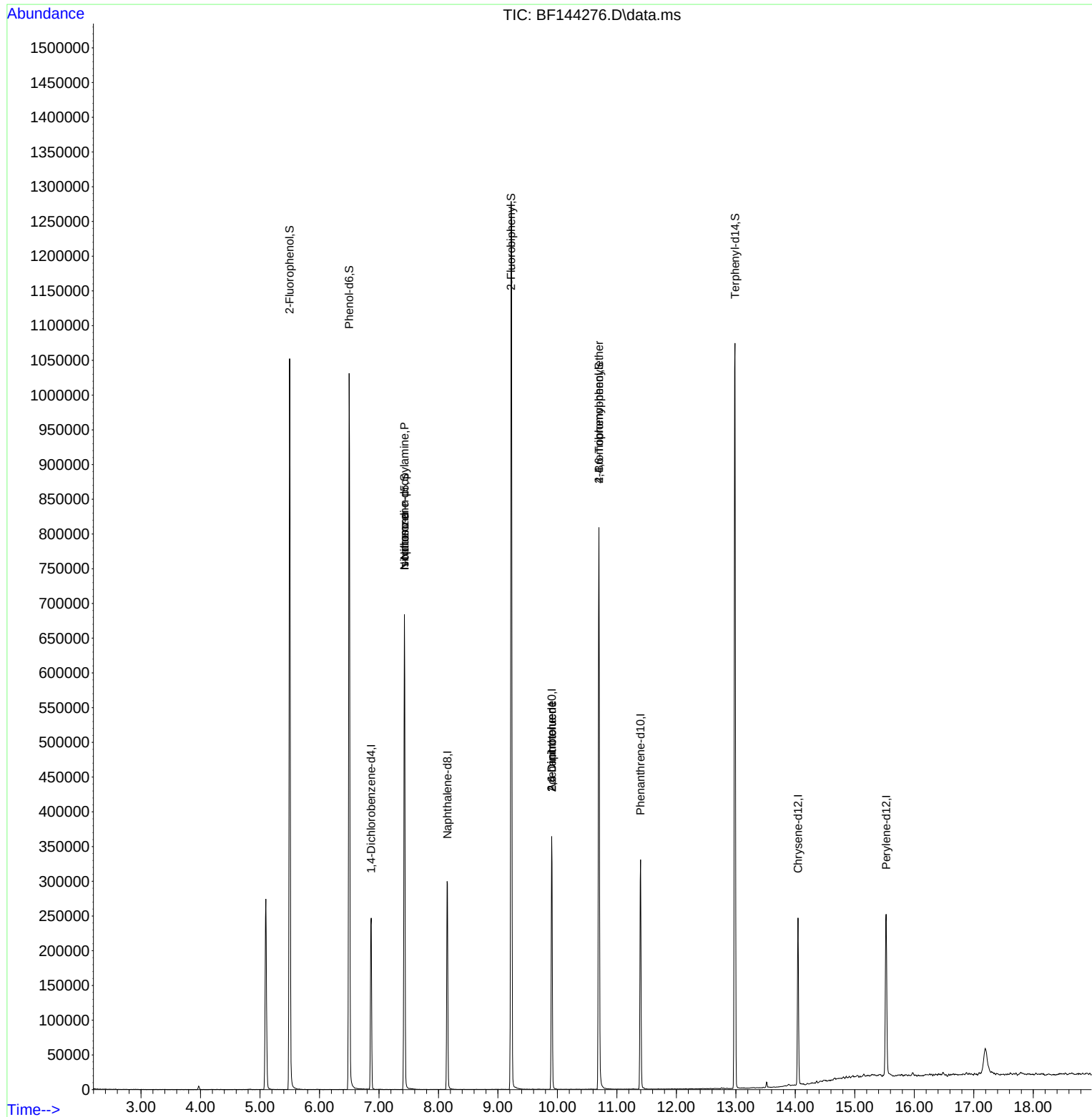
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	53289	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	208264	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	120425	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	190256	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127117	20.000	ng	0.00
86) Perylene-d12	15.527	264	158536	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	399545	117.330	ng	0.00
7) Phenol-d6	6.498	99	450232	116.686	ng	0.00
23) Nitrobenzene-d5	7.428	82	295157	81.852	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	169767	112.340	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	641119	78.629	ng	0.00
79) Terphenyl-d14	12.986	244	597802	74.699	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	42232	16.626	ng	# 80
25) Isophorone	7.428	82	295154	43.273	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	14292	8.850	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	14292	6.611	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	9375	3.860	ng	# 1

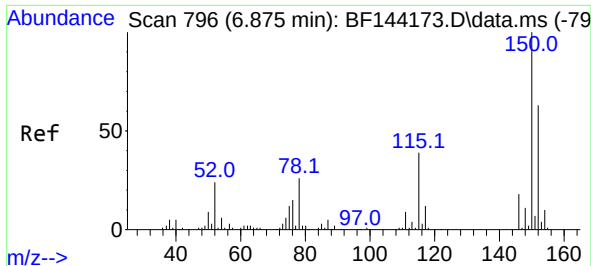
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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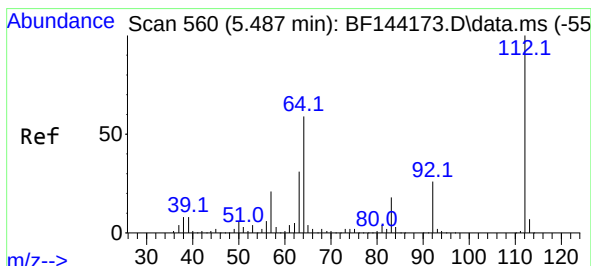
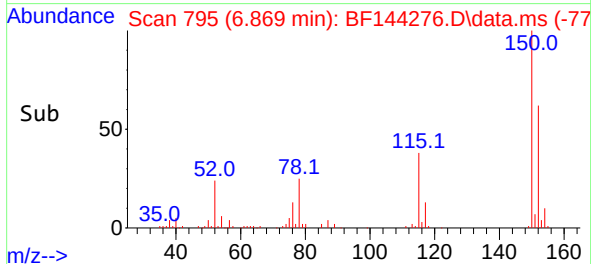
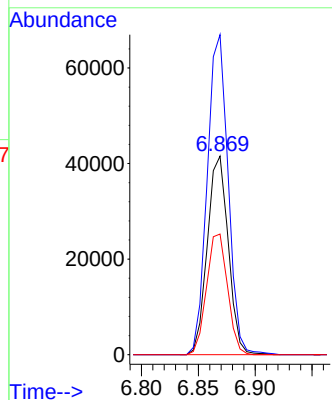
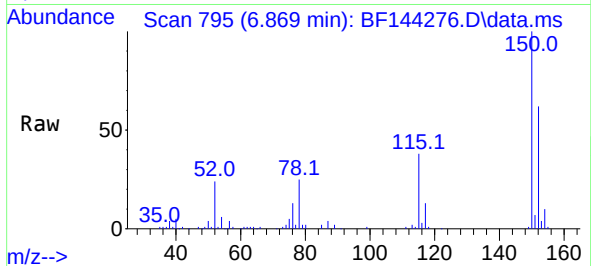




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

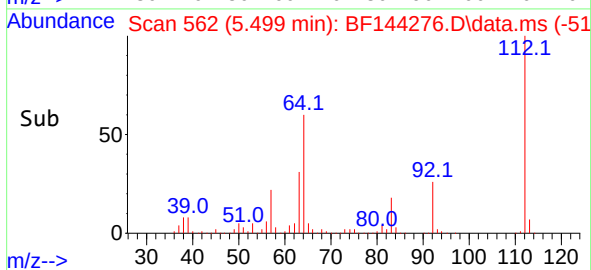
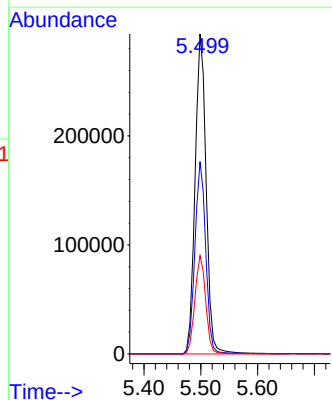
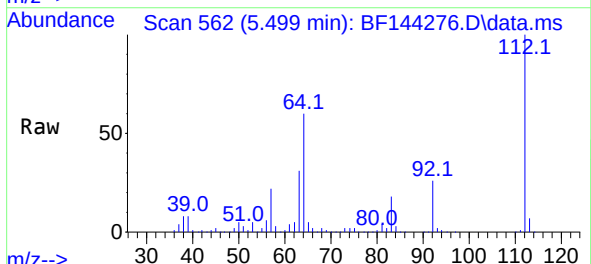
Instrument :
BNA_F
ClientSampleId :
PB170631BL

Tgt Ion:152 Resp: 53289
Ion Ratio Lower Upper
152 100
150 161.1 127.4 191.0
115 60.7 49.5 74.3

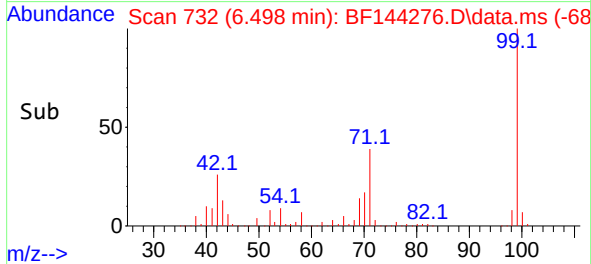
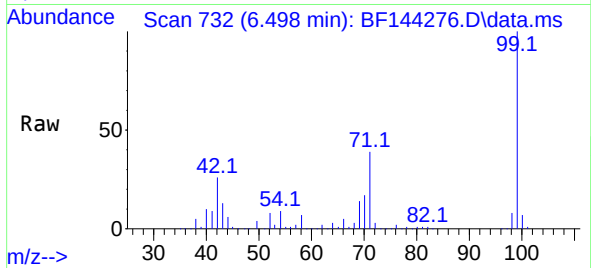
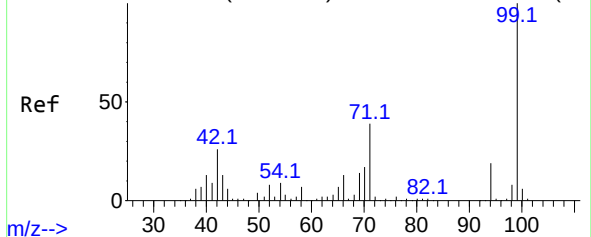


#5
2-Fluorophenol
Concen: 117.330 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Tgt Ion:112 Resp: 399545
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 30.7 24.4 36.6



Abundance Scan 733 (6.504 min): BF144173.D\data.ms (-72



#7

Phenol-d6

Concen: 116.686 ng

RT: 6.498 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF144276.D

Acq: 19 Nov 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB170631BL

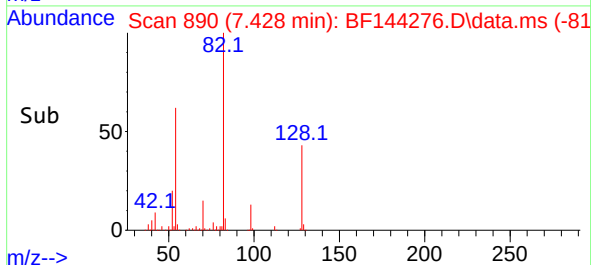
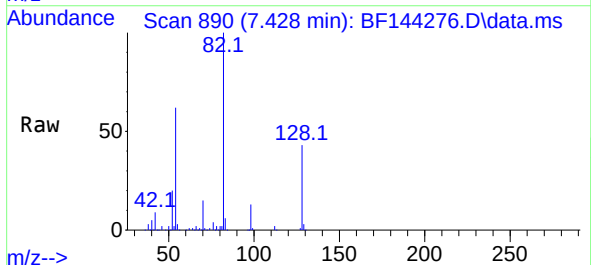
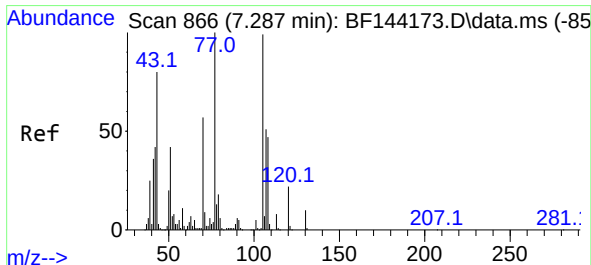
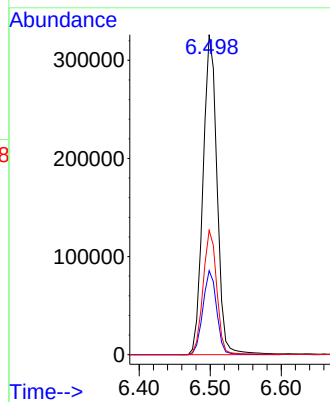
Tgt Ion: 99 Resp: 450232

Ion Ratio Lower Upper

99 100

42 26.2 20.9 31.3

71 38.9 31.4 47.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.626 ng

RT: 7.428 min Scan# 890

Delta R.T. 0.153 min

Lab File: BF144276.D

Acq: 19 Nov 2025 13:07

Tgt Ion: 70 Resp: 42232

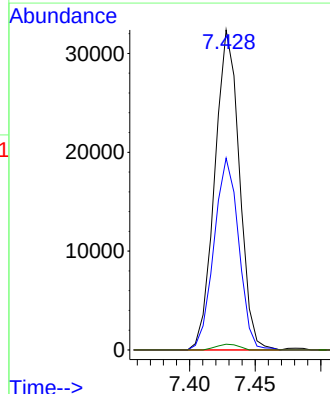
Ion Ratio Lower Upper

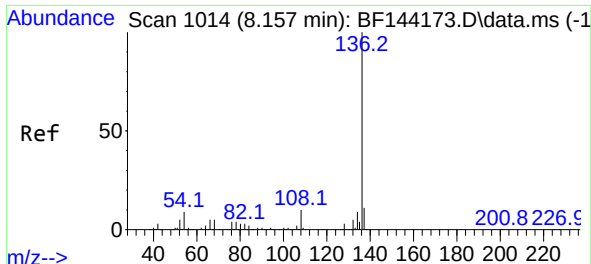
70 100

42 60.0 58.3 87.5

101 0.0 7.0 10.6#

130 1.8 14.4 21.6#



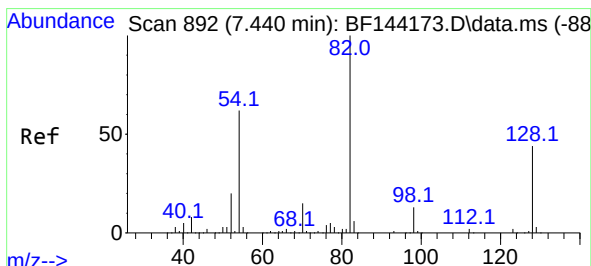
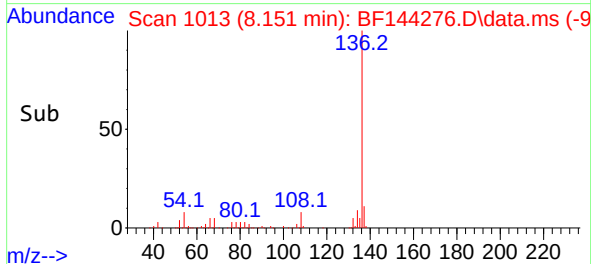
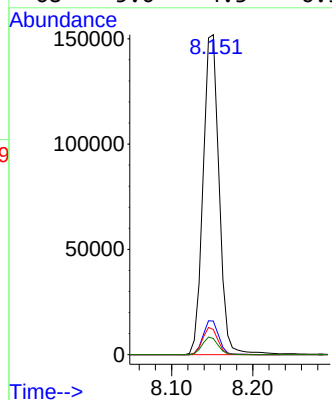
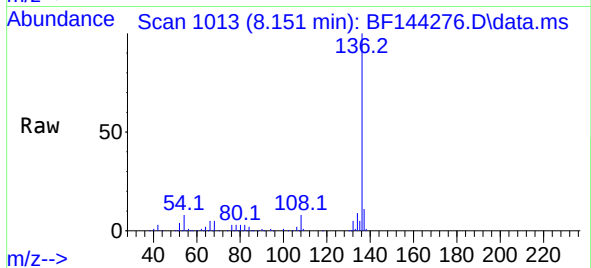


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170631BL

Tgt Ion:136 Resp: 208264

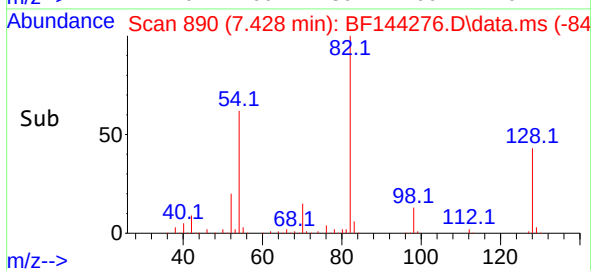
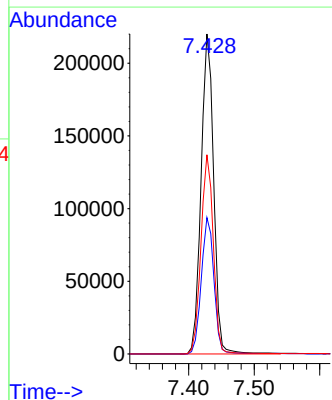
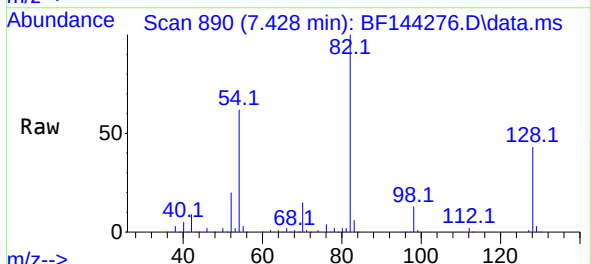
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.8	7.0	10.6
68	5.0	4.3	6.5

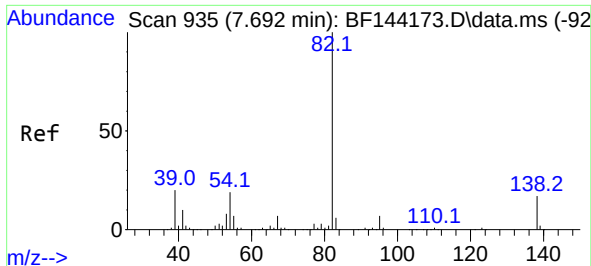


#23
Nitrobenzene-d5
Concen: 81.852 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Tgt Ion: 82 Resp: 295157

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.7	52.1
54	62.3	49.5	74.3

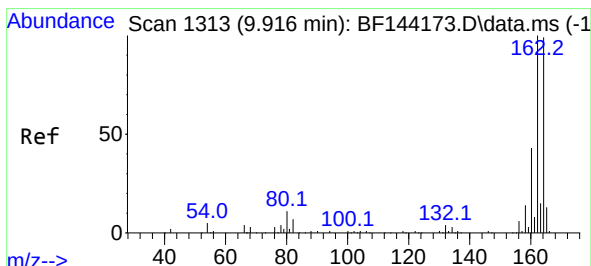
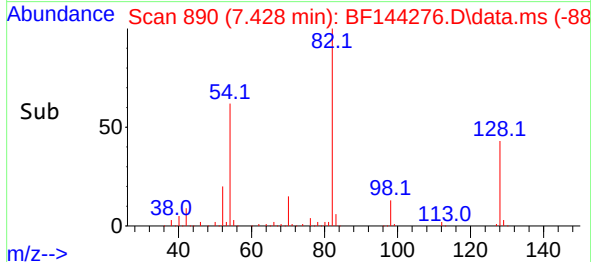
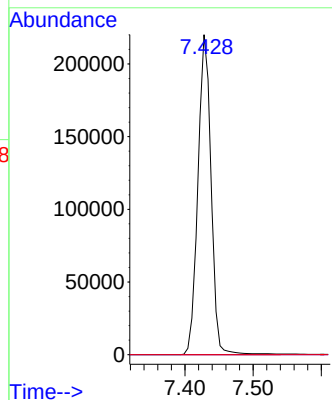
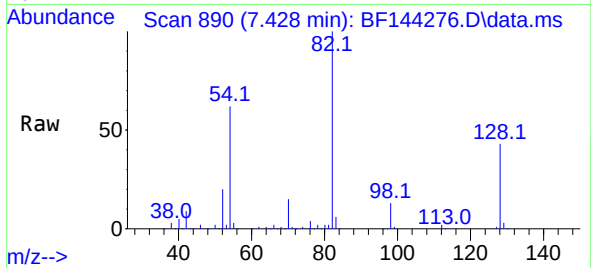




#25
Isophorone
Concen: 43.273 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

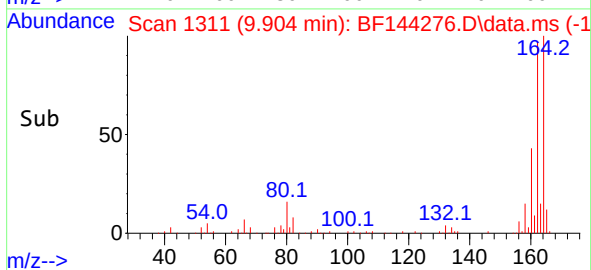
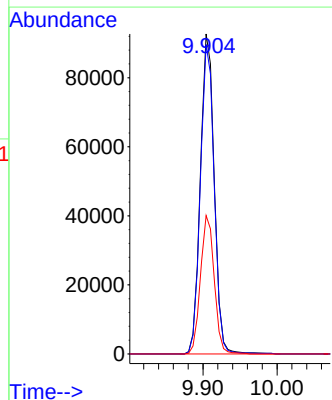
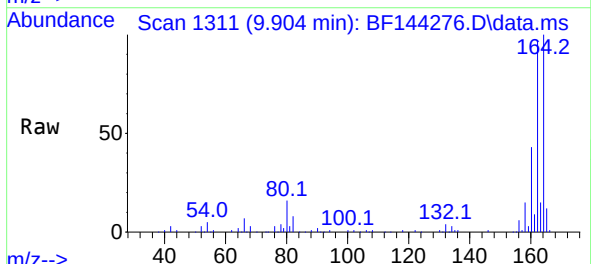
Instrument :
BNA_F
ClientSampleId :
PB170631BL

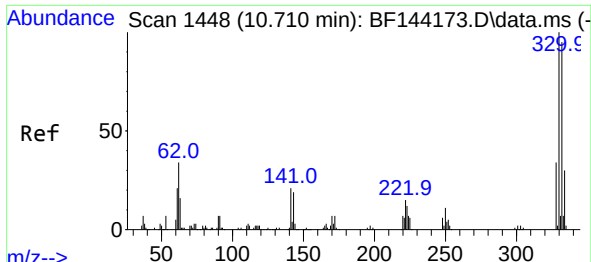
Tgt Ion: 82 Resp: 295154
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

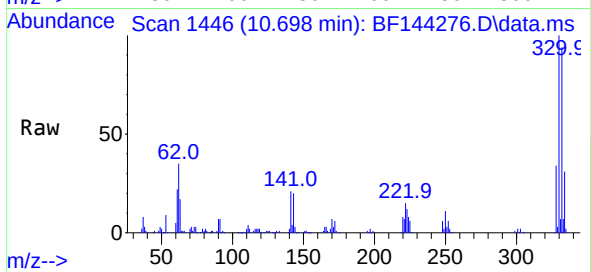
Tgt Ion:164 Resp: 120425
Ion Ratio Lower Upper
164 100
162 96.7 81.1 121.7
160 43.2 34.5 51.7



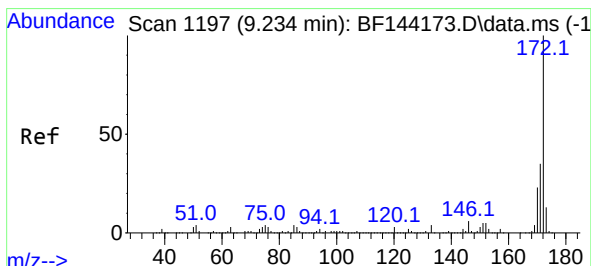
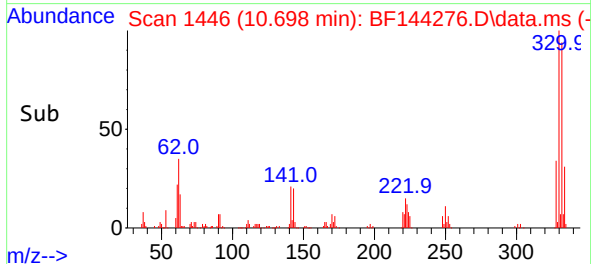
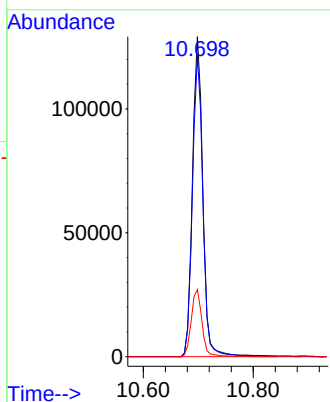


#42
2,4,6-Tribromophenol
Concen: 112.340 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170631BL

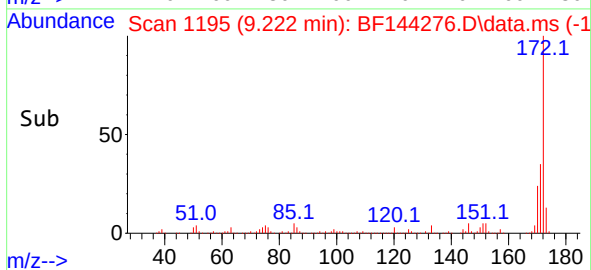
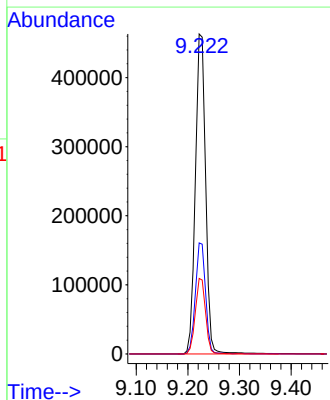
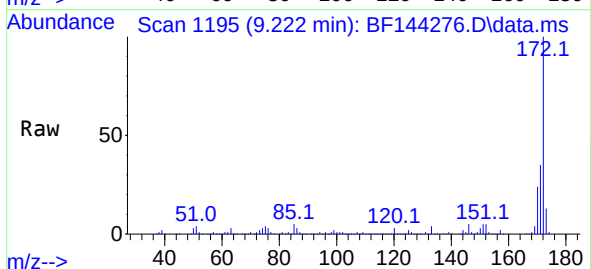


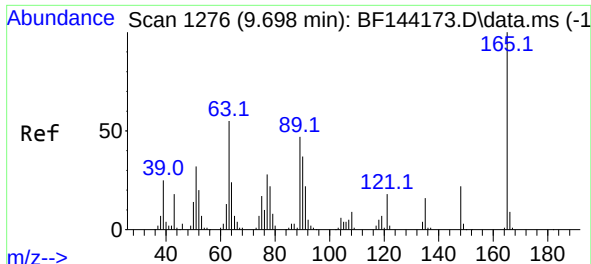
Tgt Ion:330 Resp: 169767
Ion Ratio Lower Upper
330 100
332 94.1 76.7 115.1
141 21.5 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 78.629 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Tgt Ion:172 Resp: 641119
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.6 28.0

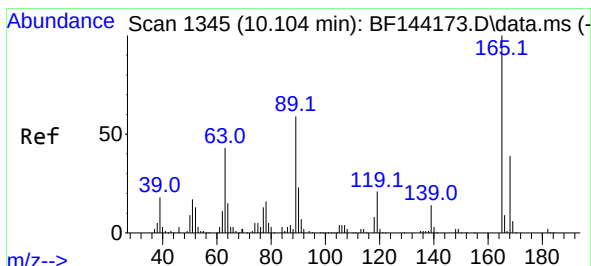
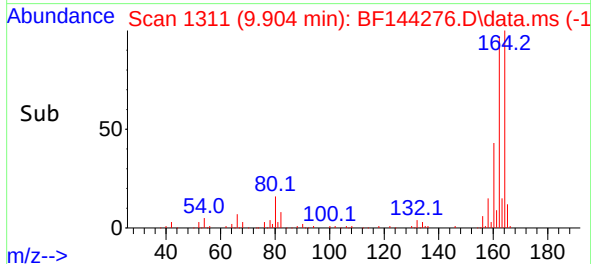
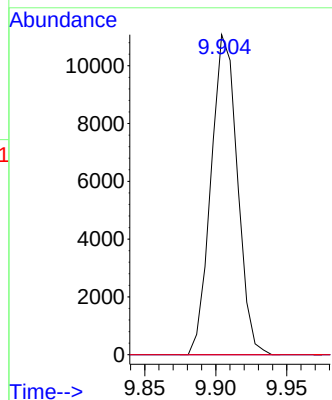
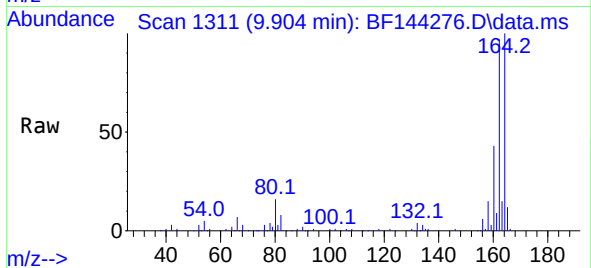




#51
2,6-Dinitrotoluene
Concen: 8.850 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

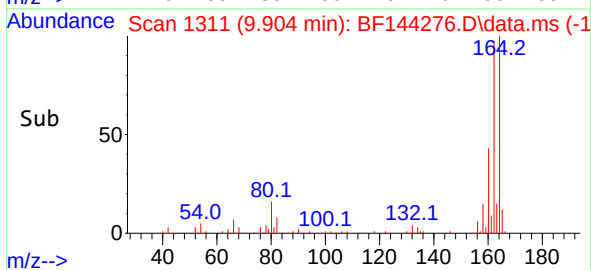
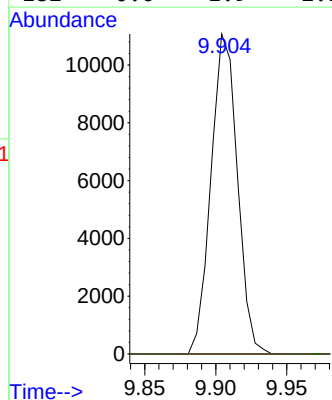
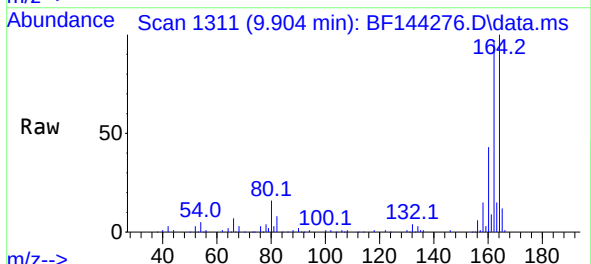
Instrument :
BNA_F
ClientSampleId :
PB170631BL

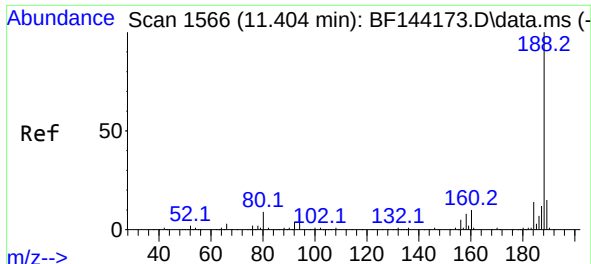
Tgt Ion:165 Resp: 14292
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Tgt Ion:165 Resp: 14292
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#

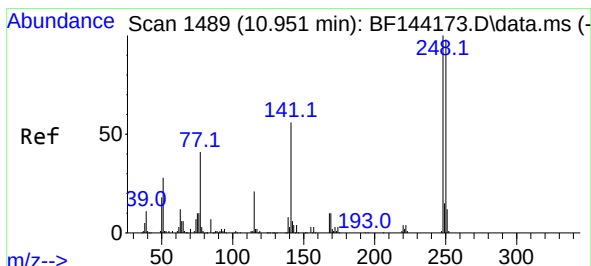
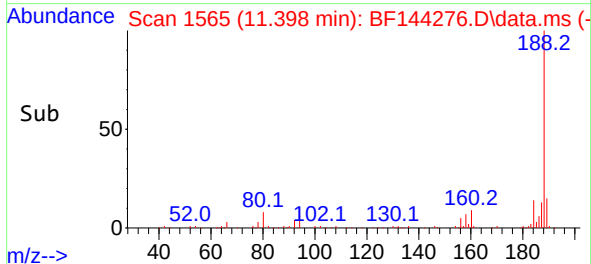
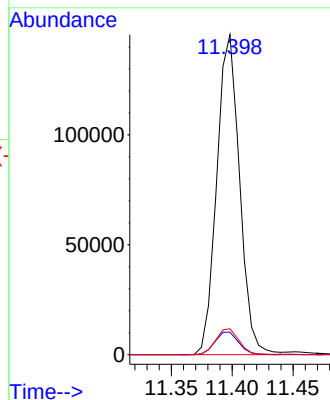
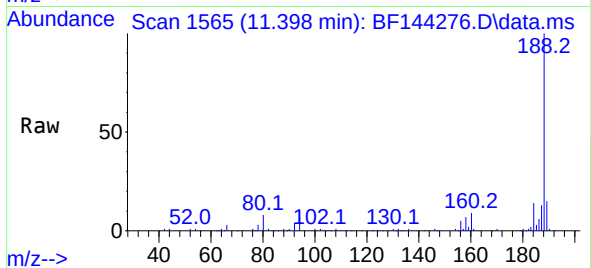




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

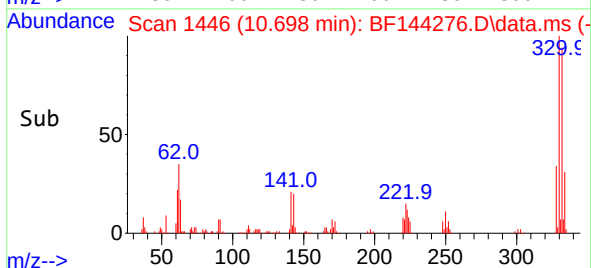
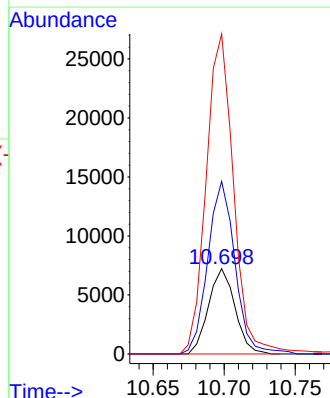
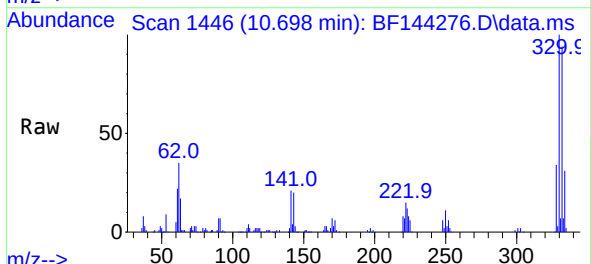
Instrument :
BNA_F
ClientSampleId :
PB170631BL

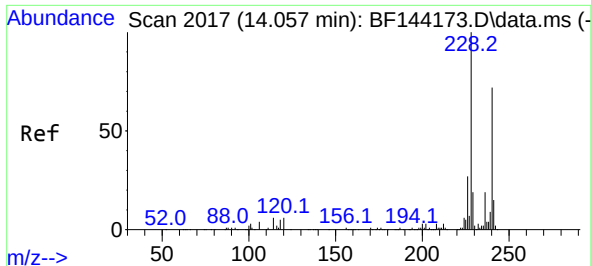
Tgt Ion:188 Resp: 190256
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.2
80 8.1 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.247 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Tgt Ion:248 Resp: 9375
Ion Ratio Lower Upper
248 100
250 202.3 78.4 117.6#
141 375.0 45.1 67.7#

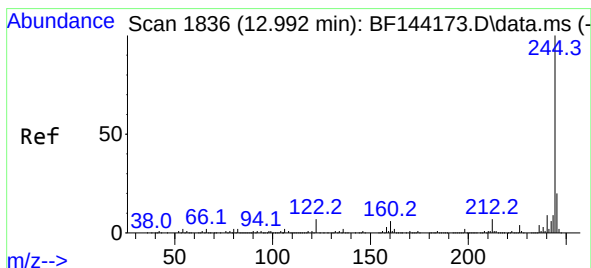
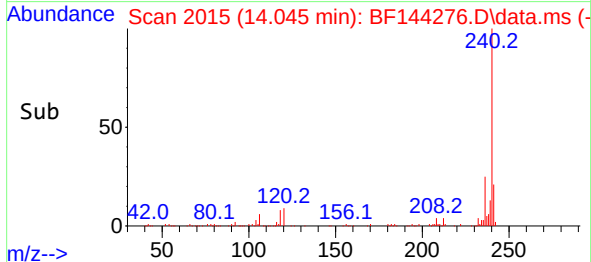
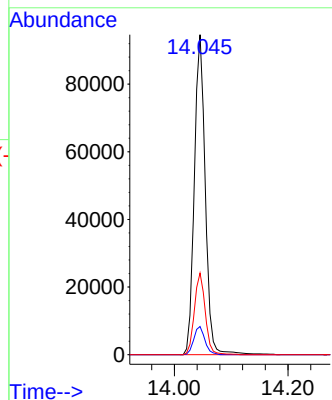
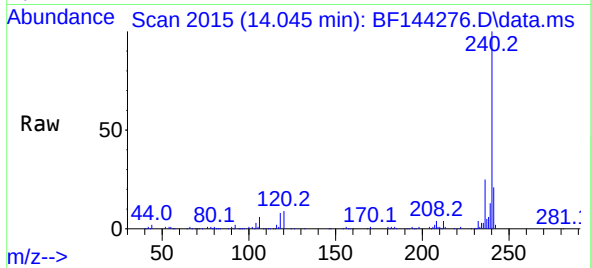




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

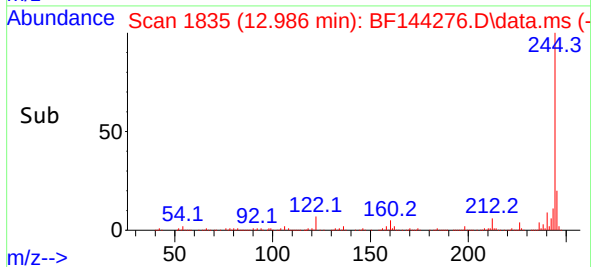
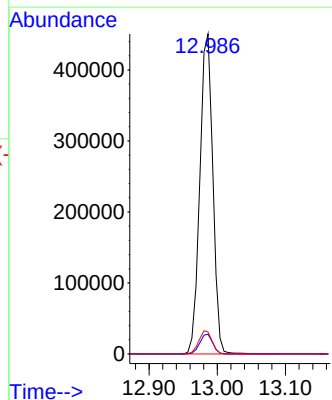
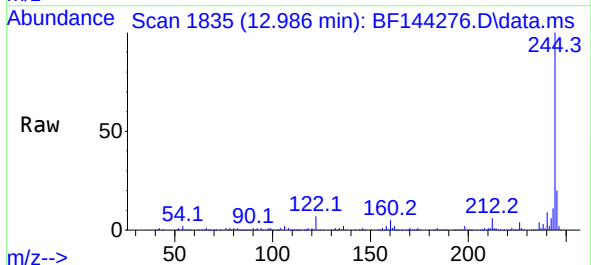
Instrument :
BNA_F
ClientSampleId :
PB170631BL

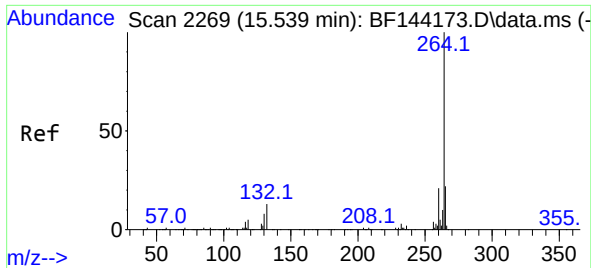
Tgt Ion:240 Resp: 127117
Ion Ratio Lower Upper
240 100
120 8.8 6.6 10.0
236 25.5 21.4 32.2



#79
Terphenyl-d14
Concen: 74.699 ng
RT: 12.986 min Scan# 1835
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Tgt Ion:244 Resp: 597802
Ion Ratio Lower Upper
244 100
212 6.1 5.3 7.9
122 6.9 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF144276.D
 Acq: 19 Nov 2025 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BL

Tgt Ion:264 Resp: 158536
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.1 25.7
 265 21.4 17.4 26.0

