

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
 Data File : BF144178.D
 Acq On : 05 Nov 2025 18:10
 Operator : RC/JU
 Sample : PB170372BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170372BL

Quant Time: Nov 06 15:01:22 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)

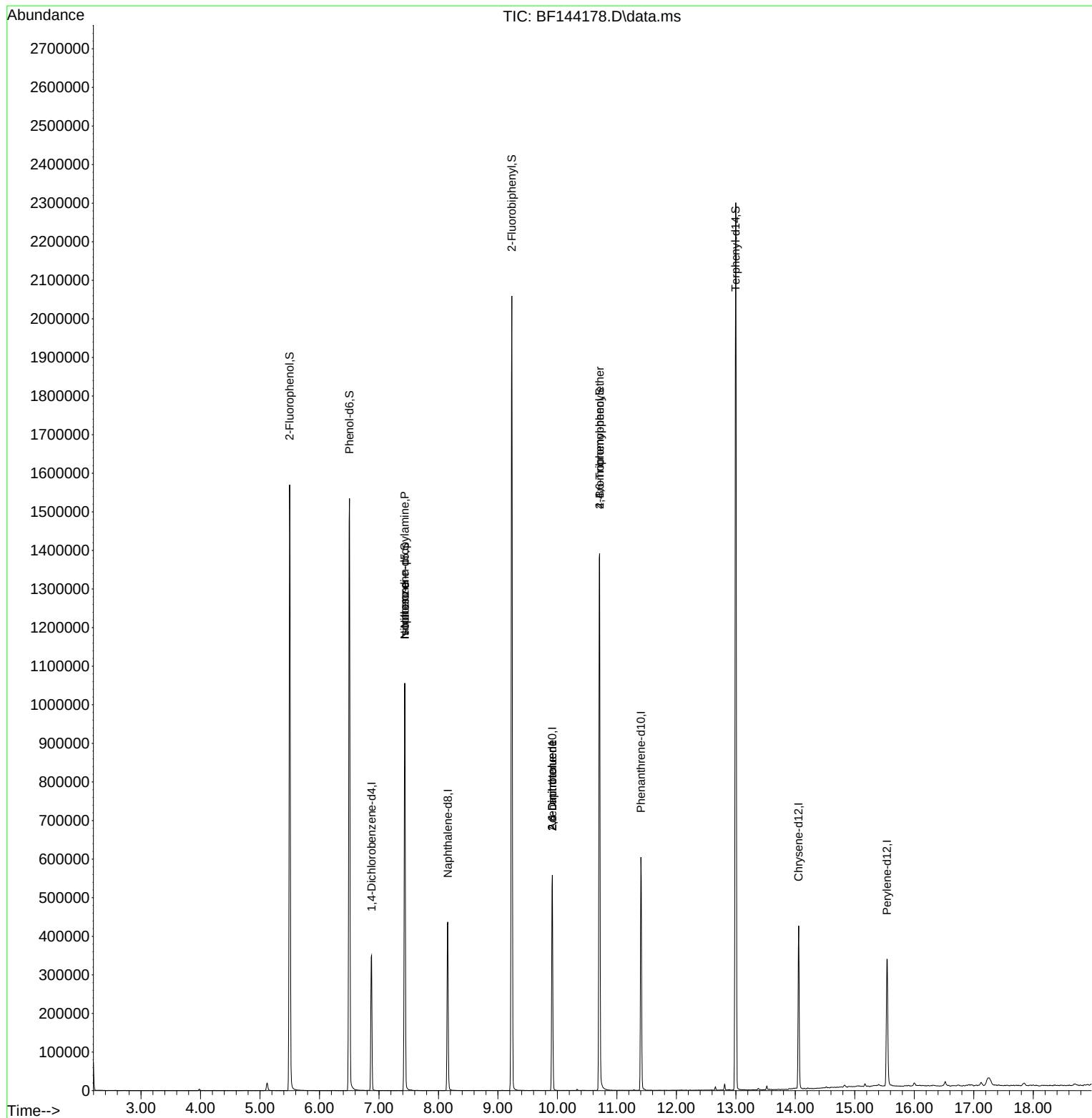
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	77750	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	301583	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	184322	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	347917	20.000	ng	0.00
76) Chrysene-d12	14.057	240	224496	20.000	ng	0.00
86) Perylene-d12	15.539	264	230236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	607522	122.276	ng	0.00
7) Phenol-d6	6.504	99	691110	122.762	ng	0.00
23) Nitrobenzene-d5	7.434	82	458383	87.783	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	305142	131.923	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1015341	81.357	ng	0.00
79) Terphenyl-d14	12.998	244	1263801	89.419	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	69859	18.850	ng	# 78
25) Isophorone	7.434	82	458377	46.408	ng	# 66
51) 2,6-Dinitrotoluene	9.916	165	22461	9.087	ng	# 27
57) 2,4-Dinitrotoluene	9.916	165	22461	6.788	ng	# 28
67) 4-Bromophenyl-phenylether	10.710	248	16547	3.726	ng	# 1

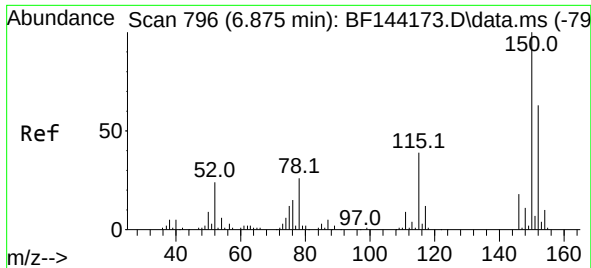
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110525\
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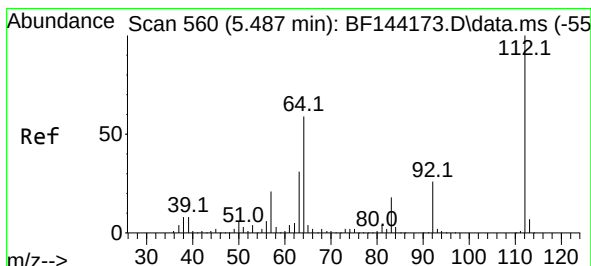
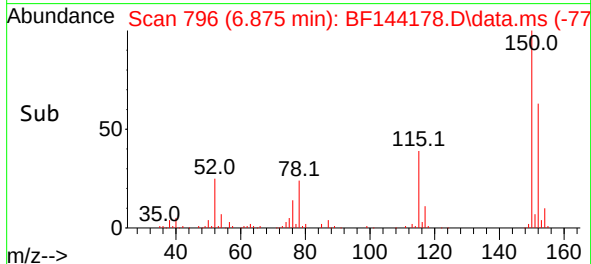
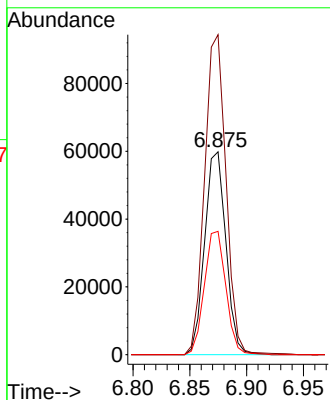
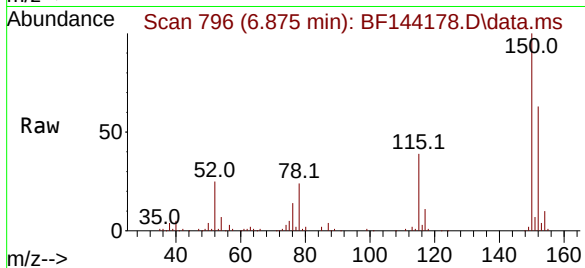




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

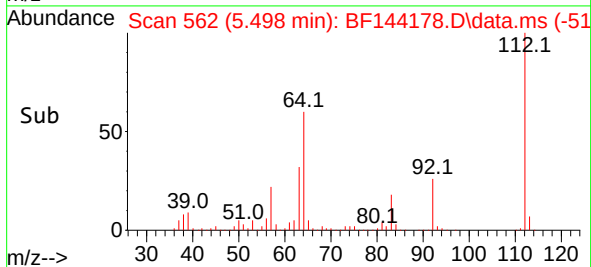
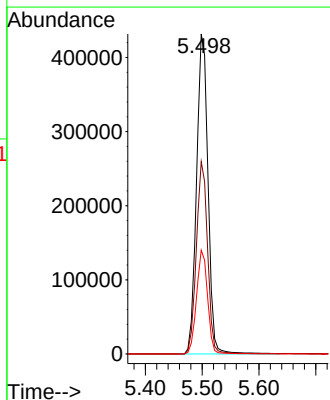
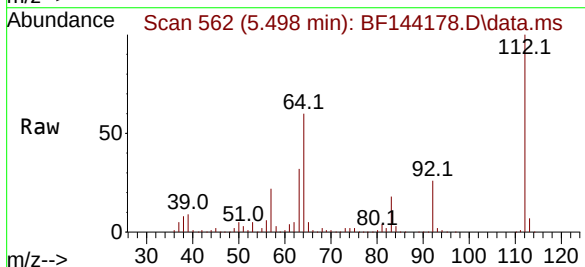
Instrument :
BNA_F
ClientSampleId :
PB170372BL

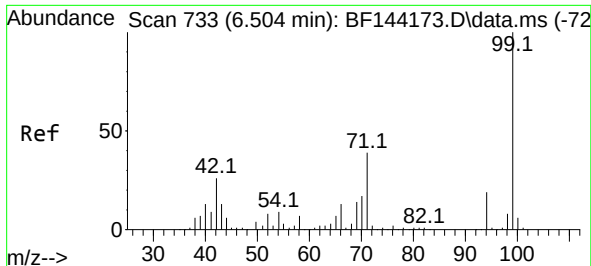
Tgt Ion:152 Resp: 77750
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 60.8 49.5 74.3



#5
2-Fluorophenol
Concen: 122.276 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion:112 Resp: 607522
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 32.4 24.4 36.6

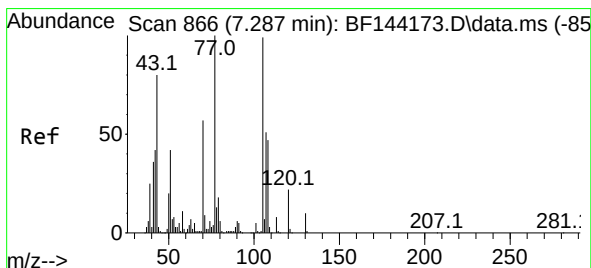
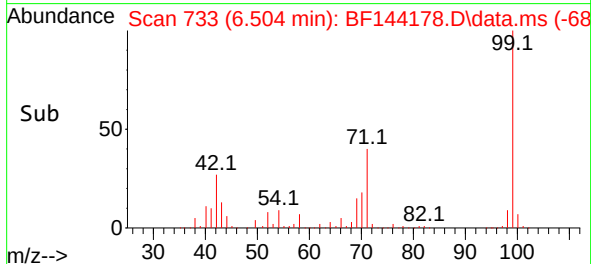
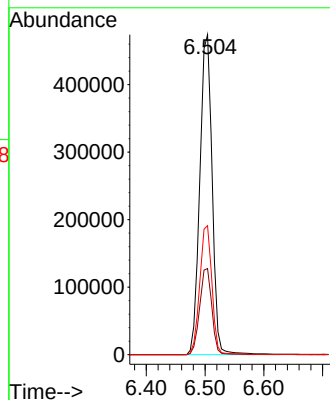
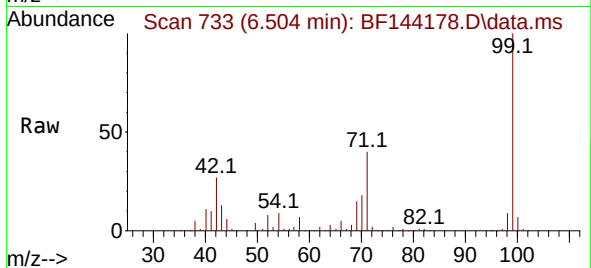




#7
Phenol-d6
Concen: 122.762 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

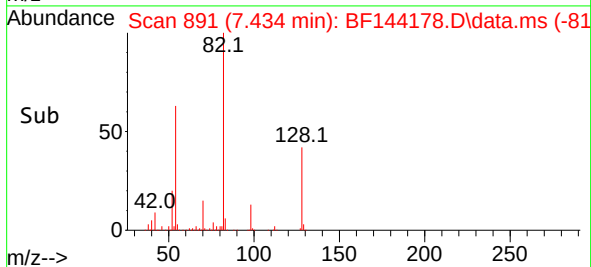
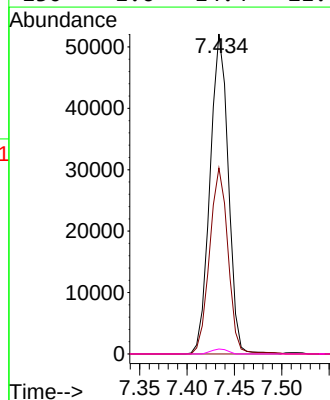
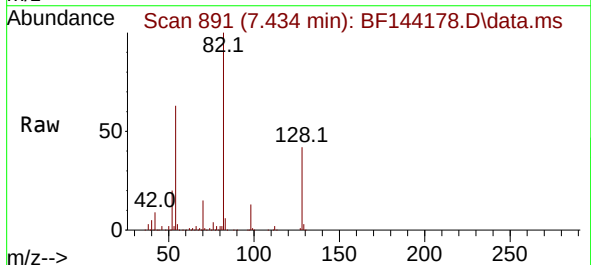
Instrument :
BNA_F
ClientSampleId :
PB170372BL

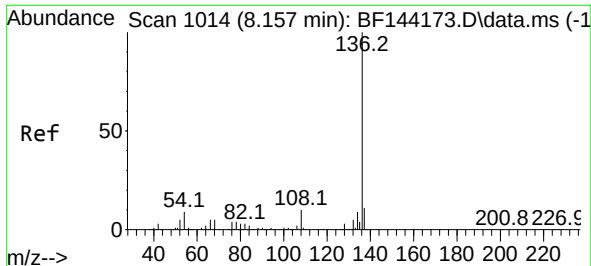
Tgt Ion: 99 Resp: 691110
Ion Ratio Lower Upper
99 100
42 26.9 20.9 31.3
71 40.3 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.850 ng
RT: 7.434 min Scan# 891
Delta R.T. 0.159 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion: 70 Resp: 69859
Ion Ratio Lower Upper
70 100
42 58.1 58.3 87.5#
101 0.0 7.0 10.6#
130 1.6 14.4 21.6#



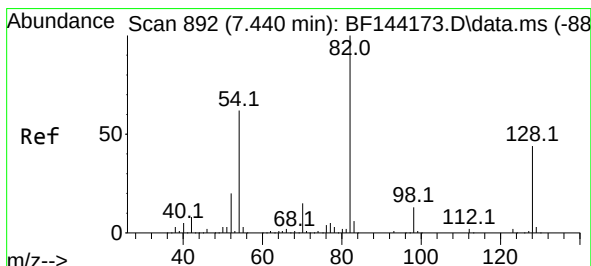
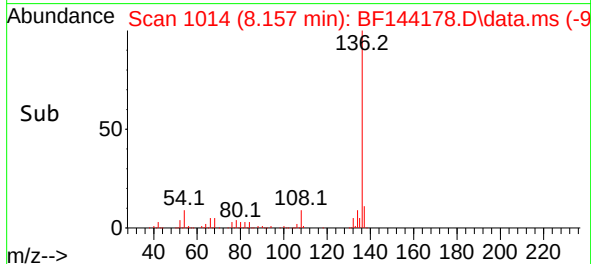
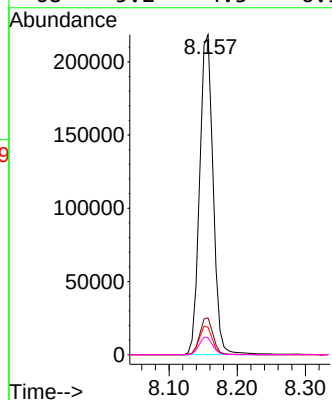
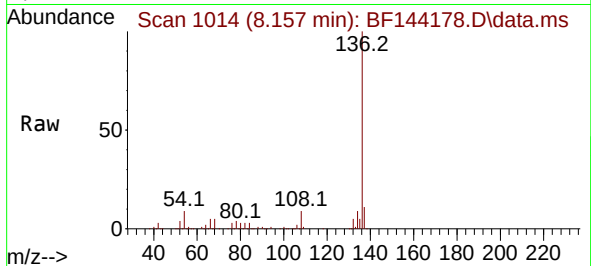


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Instrument :
BNA_F
ClientSampleId :
PB170372BL

Tgt Ion:136 Resp: 301583

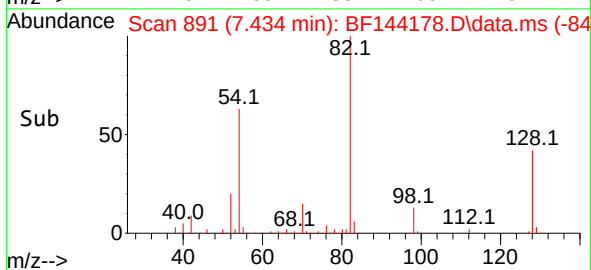
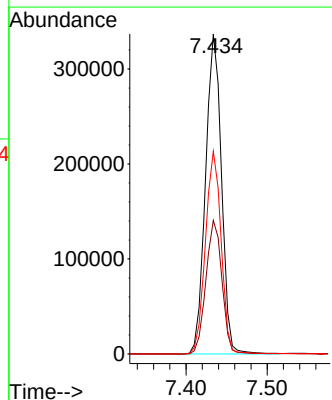
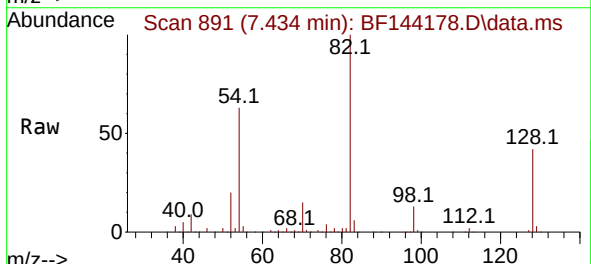
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	8.6	7.0	10.6
68	5.2	4.3	6.5

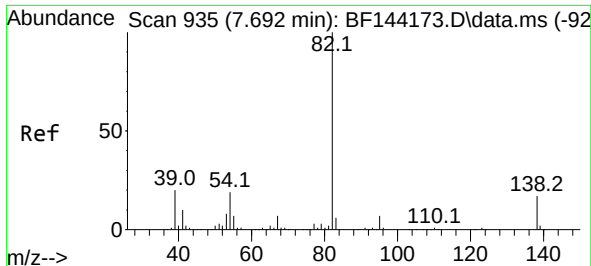


#23
Nitrobenzene-d5
Concen: 87.783 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion: 82 Resp: 458383

Ion	Ratio	Lower	Upper
82	100		
128	41.7	34.7	52.1
54	63.4	49.5	74.3

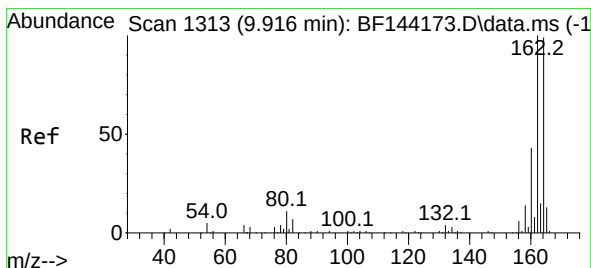
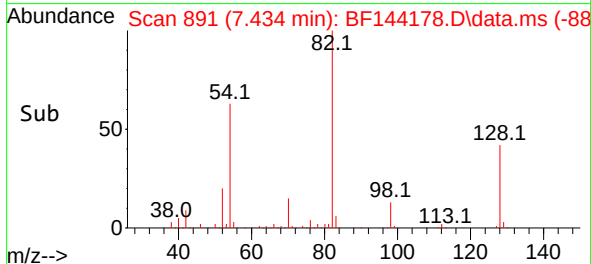
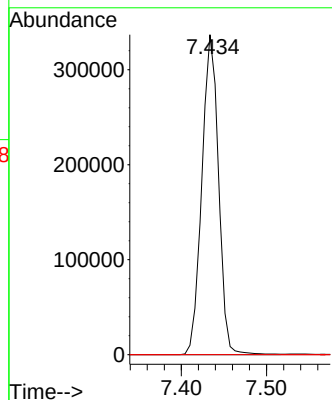
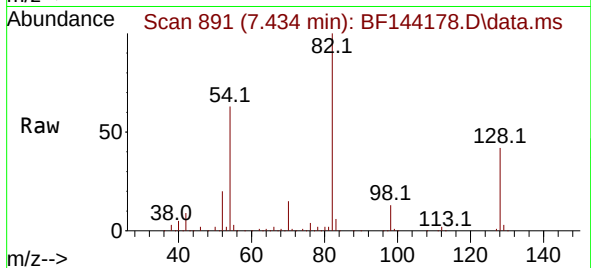




#25
Isophorone
Concen: 46.408 ng
RT: 7.434 min Scan# 891
Delta R.T. -0.253 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

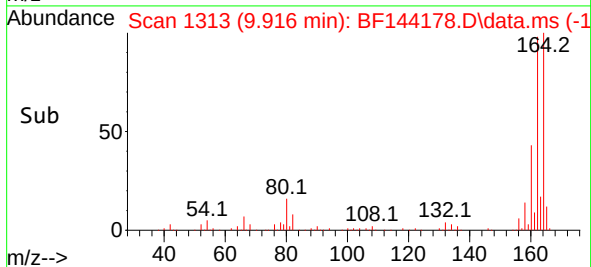
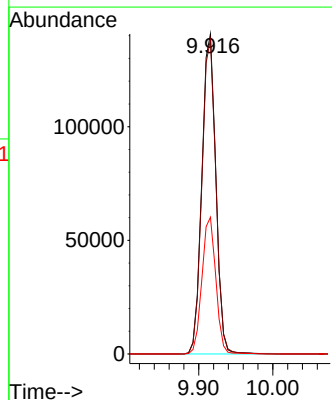
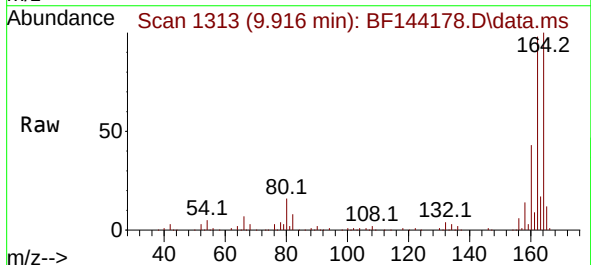
Instrument :
BNA_F
ClientSampleId :
PB170372BL

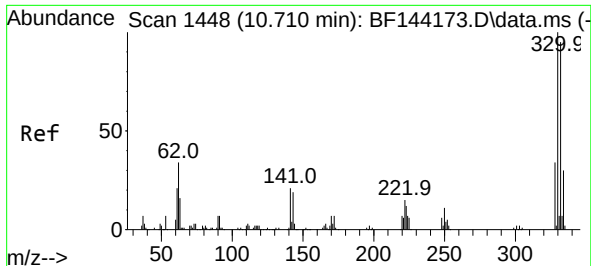
Tgt Ion: 82 Resp: 458377
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

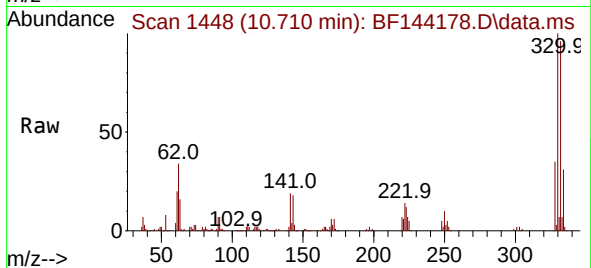
Tgt Ion:164 Resp: 184322
Ion Ratio Lower Upper
164 100
162 98.4 81.1 121.7
160 42.8 34.5 51.7



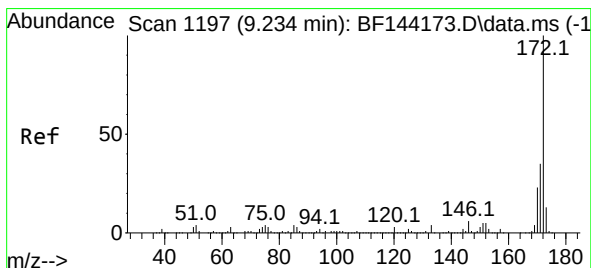
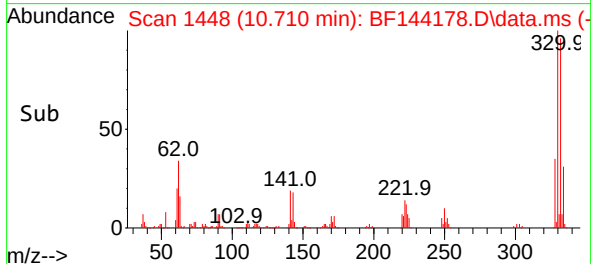
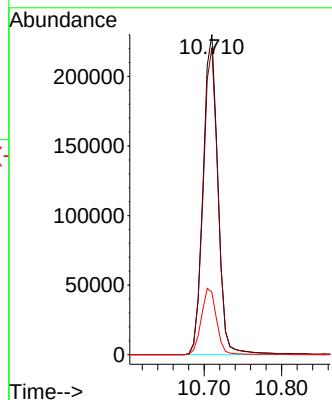


#42
2,4,6-Tribromophenol
Concen: 131.923 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Instrument :
BNA_F
ClientSampleId :
PB170372BL

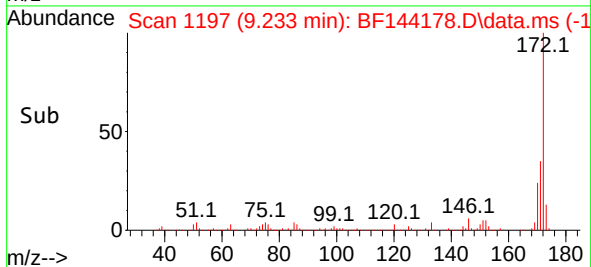
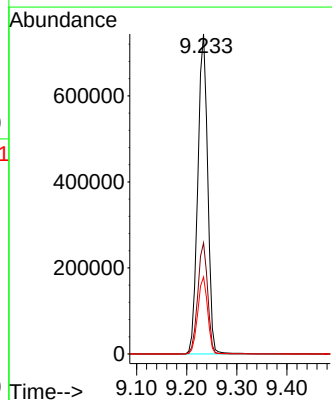
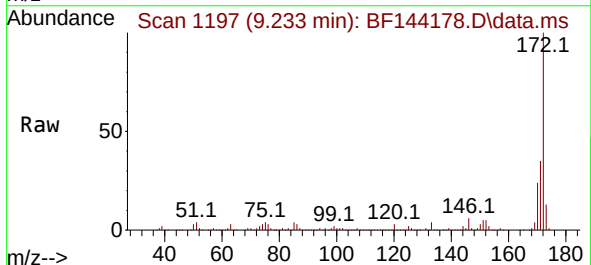


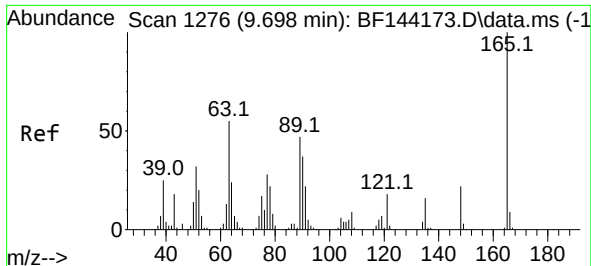
Tgt Ion:330 Resp: 305142
Ion Ratio Lower Upper
330 100
332 97.1 76.7 115.1
141 21.2 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 81.357 ng
RT: 9.233 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion:172 Resp: 1015341
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 24.1 18.6 28.0

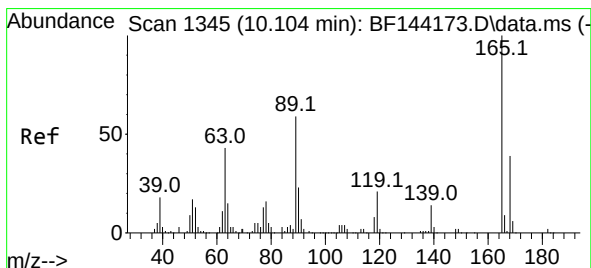
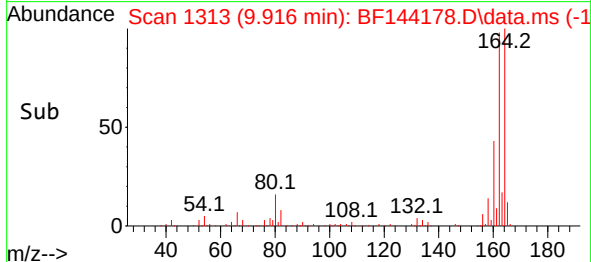
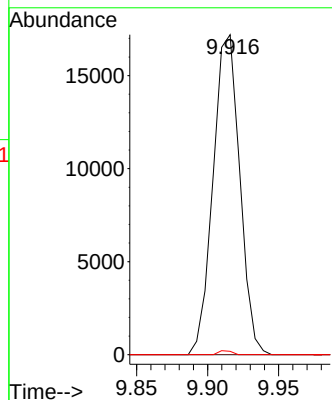
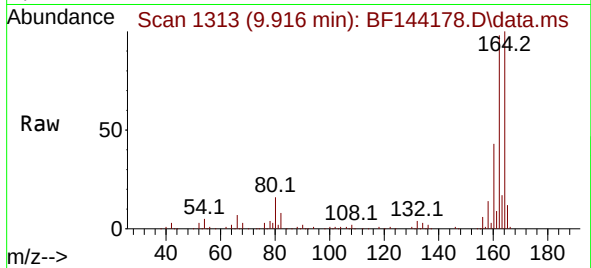




#51
2,6-Dinitrotoluene
Concen: 9.087 ng
RT: 9.916 min Scan# 11
Delta R.T. 0.223 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

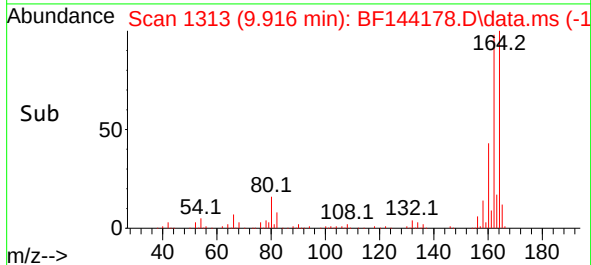
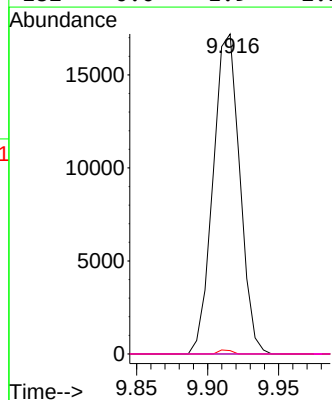
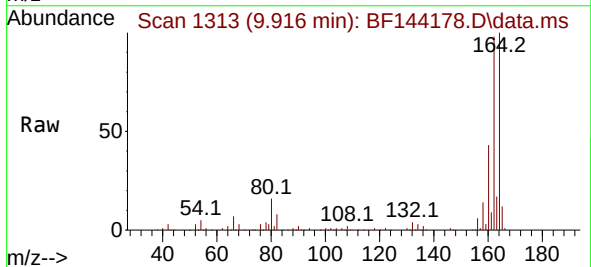
Instrument :
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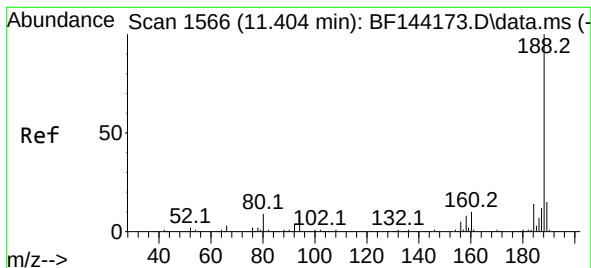
Tgt Ion:165 Resp: 22461
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 1.1 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 6.788 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.182 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion:165 Resp: 22461
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 1.1 47.4 71.2#
182 0.0 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF144178.D

Acq: 05 Nov 2025 18:10

Instrument :

BNA_F

ClientSampleId :

PB170372BL

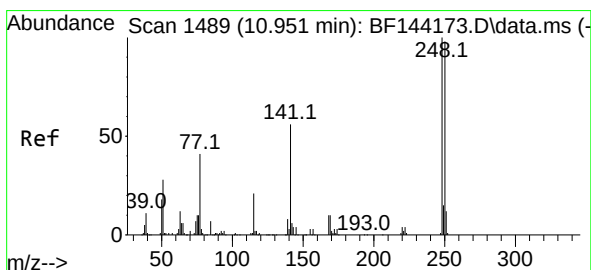
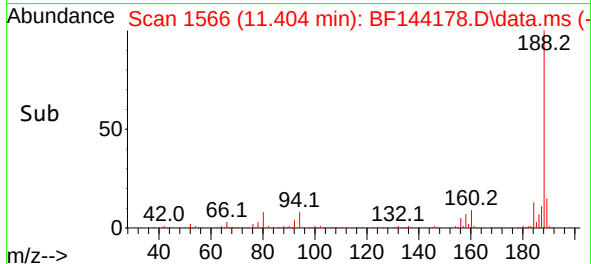
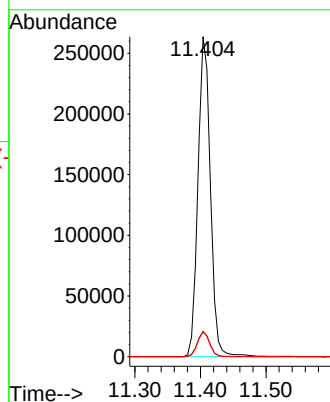
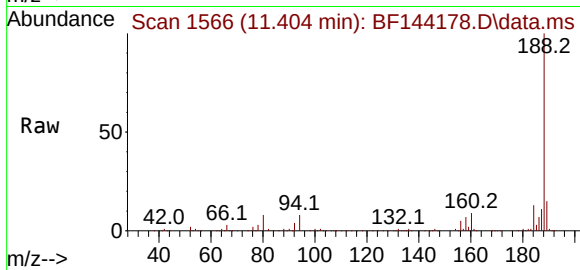
Tgt Ion:188 Resp: 347917

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 7.7 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 3.726 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.235 min

Lab File: BF144178.D

Acq: 05 Nov 2025 18:10

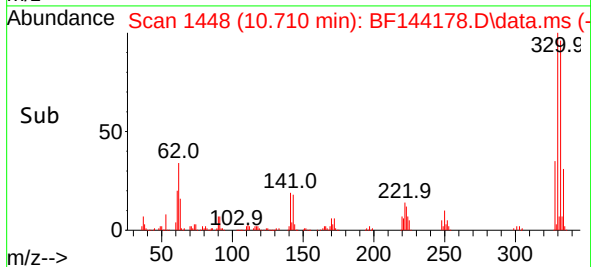
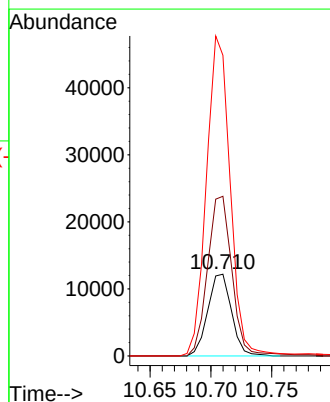
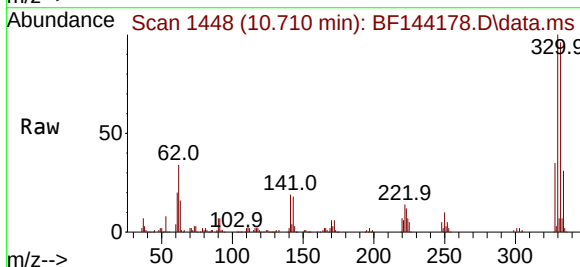
Tgt Ion:248 Resp: 16547

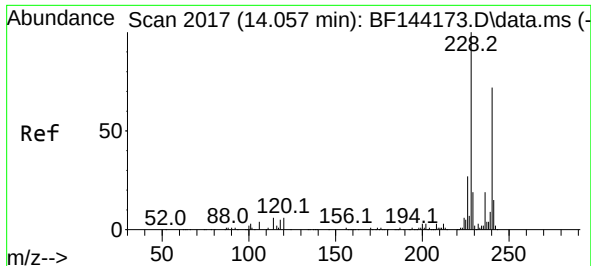
Ion Ratio Lower Upper

248 100

250 195.2 78.4 117.6#

141 367.5 45.1 67.7#

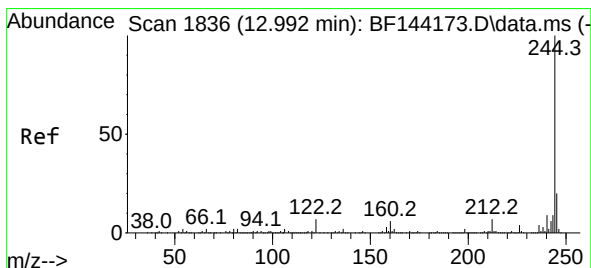
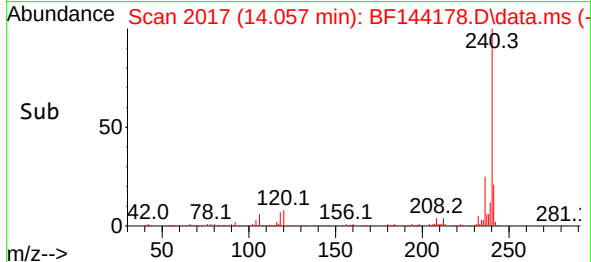
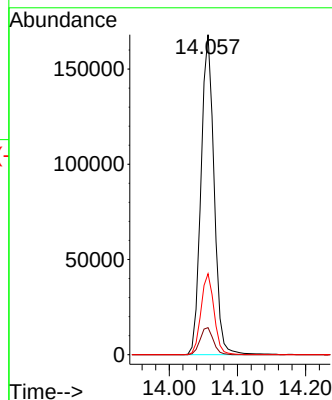
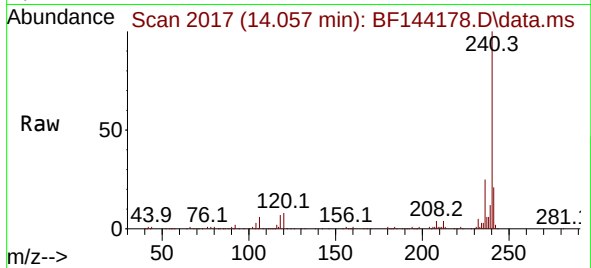




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. 0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

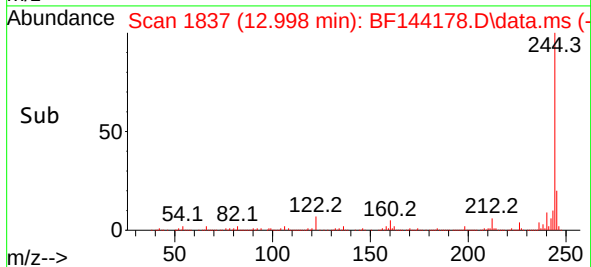
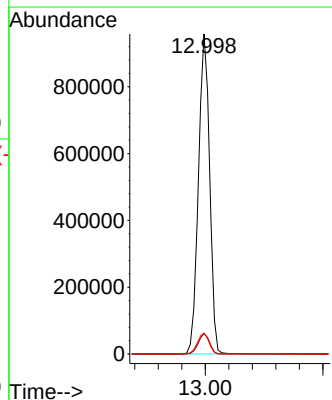
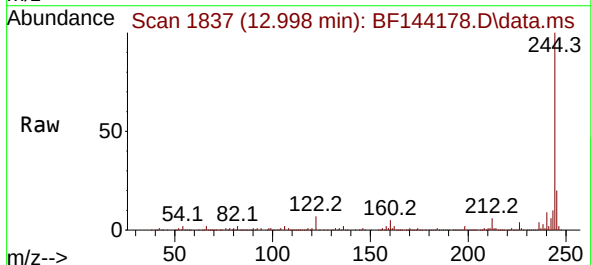
Instrument :
BNA_F
ClientSampleId :
PB170372BL

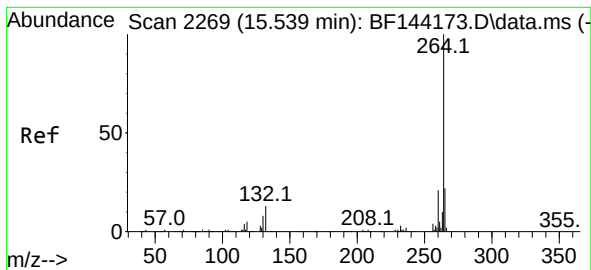
Tgt Ion:240 Resp: 224496
Ion Ratio Lower Upper
240 100
120 8.5 6.6 10.0
236 25.3 21.4 32.2



#79
Terphenyl-d14
Concen: 89.419 ng
RT: 12.998 min Scan# 1837
Delta R.T. 0.006 min
Lab File: BF144178.D
Acq: 05 Nov 2025 18:10

Tgt Ion:244 Resp: 1263801
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 6.5 5.6 8.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF144178.D

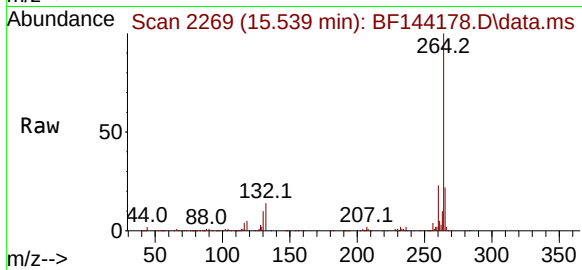
Acq: 05 Nov 2025 18:10

Instrument :

BNA_F

ClientSampleId :

PB170372BL



Tgt Ion:264 Resp: 230236

Ion Ratio Lower Upper

264 100

260 22.7 17.1 25.7

265 22.4 17.4 26.0

