

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144284.D
 Acq On : 19 Nov 2025 18:19
 Operator : RC/JU
 Sample : Q3652-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Nov 20 00:01:04 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)

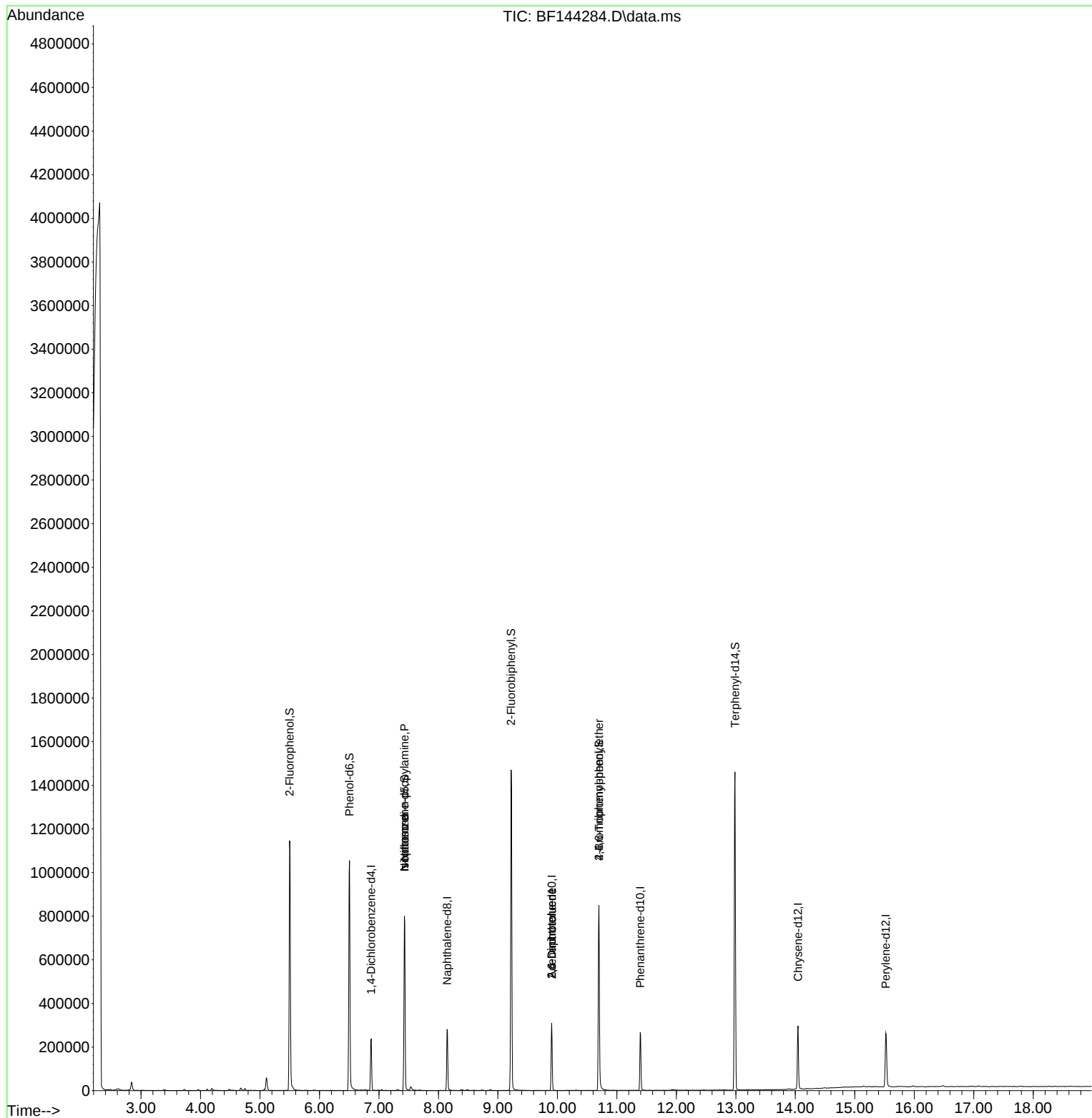
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	50964	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	189828	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	96365	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	157405	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	155836	20.000	ng	0.00
86) Perylene-d12	15.521	264	173076	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	457742	140.552	ng	0.00
7) Phenol-d6	6.504	99	484086	131.183	ng	0.00
23) Nitrobenzene-d5	7.428	82	357326	108.716	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	186717	154.405	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	724941	111.108	ng	0.00
79) Terphenyl-d14	12.986	244	808247	82.383	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	52202	21.489	ng	# 79
25) Isophorone	7.428	82	357370	57.483	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	12526	9.693	ng	# 27
57) 2,4-Dinitrotoluene	9.904	165	12526	7.240	ng	# 27
67) 4-Bromophenyl-phenylether	10.698	248	10646	5.299	ng	# 1

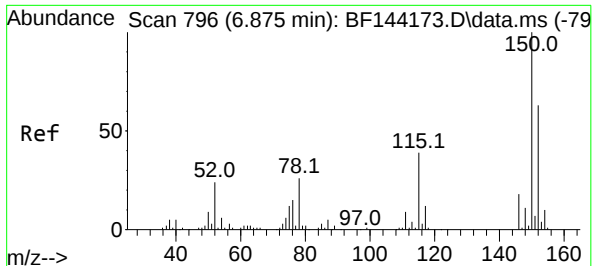
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

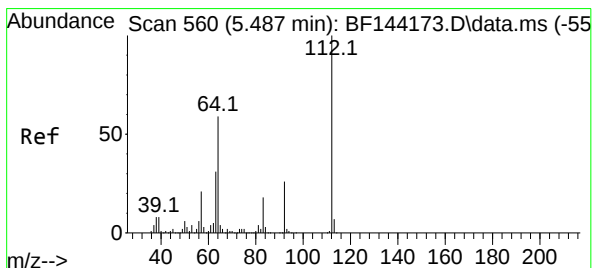
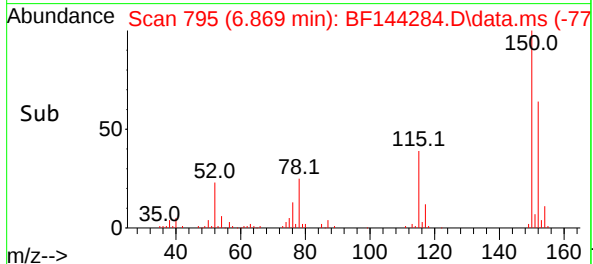
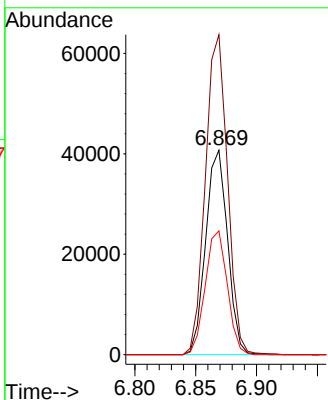
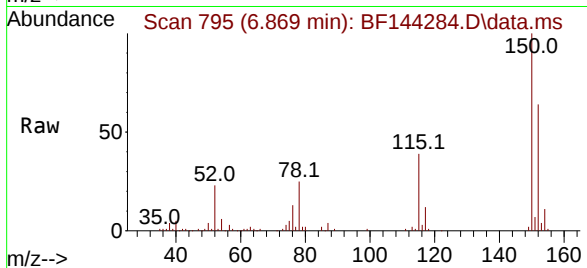




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 796
 Delta R.T. -0.006 min
 Lab File: BF144284.D
 Acq: 19 Nov 2025 18:19

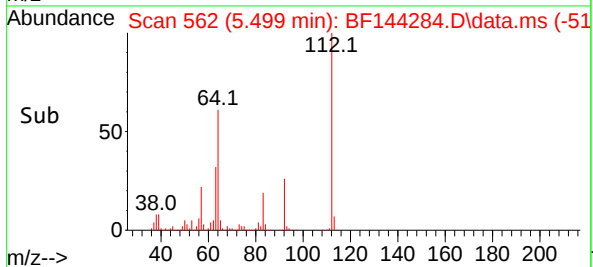
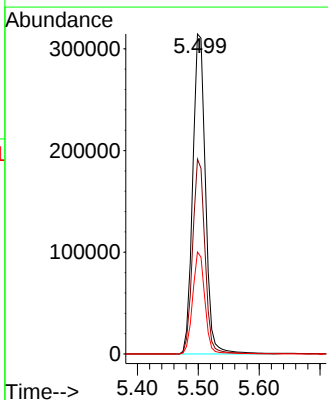
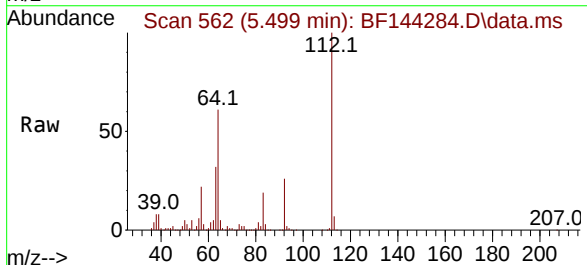
Instrument :
 BNA_F
 ClientSampleId :
 TP-1

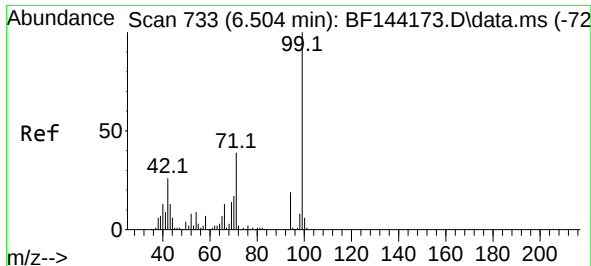
Tgt Ion:152 Resp: 50964
 Ion Ratio Lower Upper
 152 100
 150 156.4 127.4 191.0
 115 60.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 140.552 ng
 RT: 5.499 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144284.D
 Acq: 19 Nov 2025 18:19

Tgt Ion:112 Resp: 457742
 Ion Ratio Lower Upper
 112 100
 64 60.9 47.2 70.8
 63 31.9 24.4 36.6





#7
Phenol-d6
Concen: 131.183 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

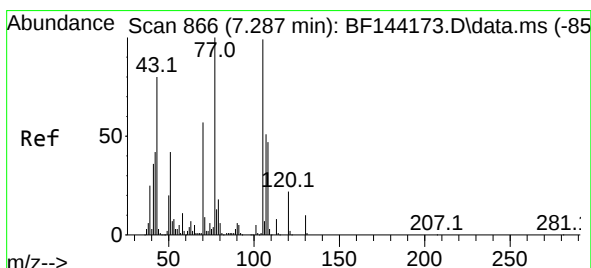
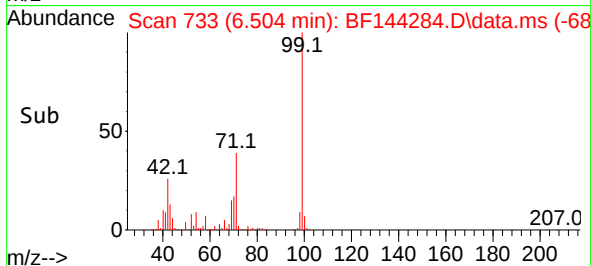
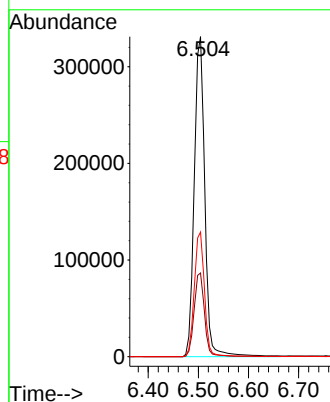
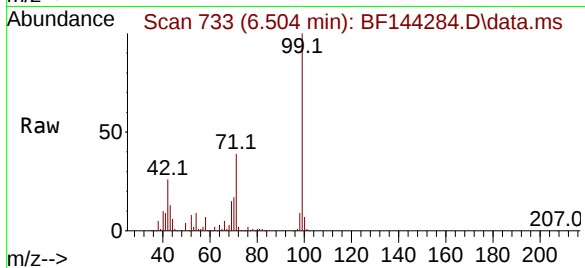
Instrument :

BNA_F

ClientSampleId :

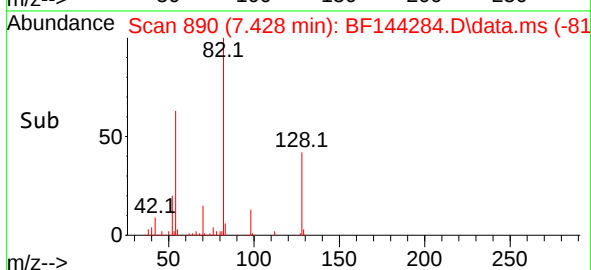
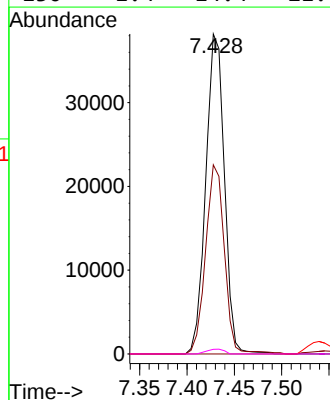
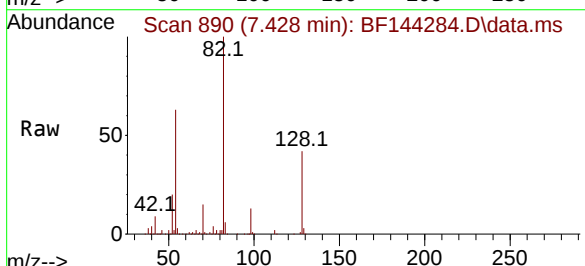
TP-1

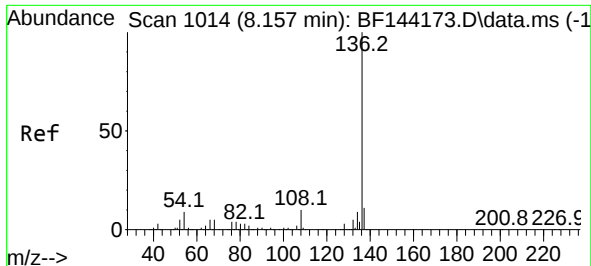
Tgt Ion: 99 Resp: 484086
Ion Ratio Lower Upper
99 100
42 26.2 20.9 31.3
71 38.9 31.4 47.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.489 ng
RT: 7.428 min Scan# 890
Delta R.T. 0.153 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

Tgt Ion: 70 Resp: 52202
Ion Ratio Lower Upper
70 100
42 59.1 58.3 87.5
101 0.0 7.0 10.6#
130 1.4 14.4 21.6#



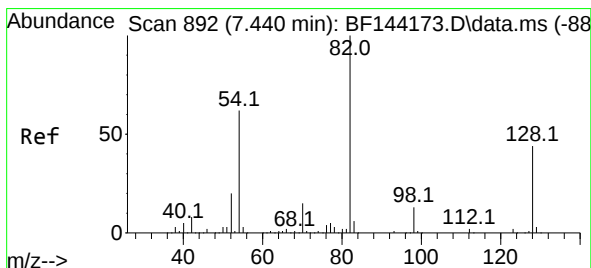
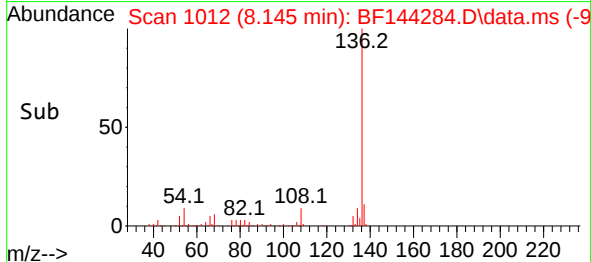
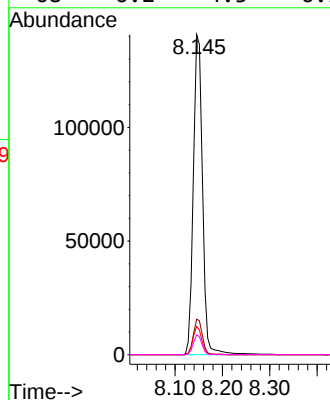
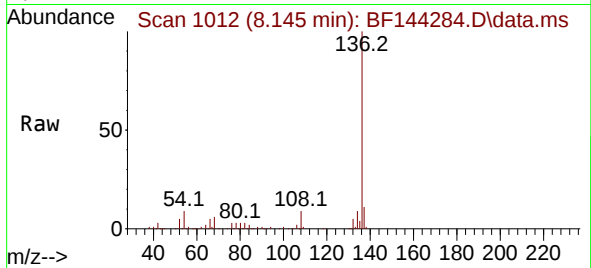


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:136 Resp: 189828

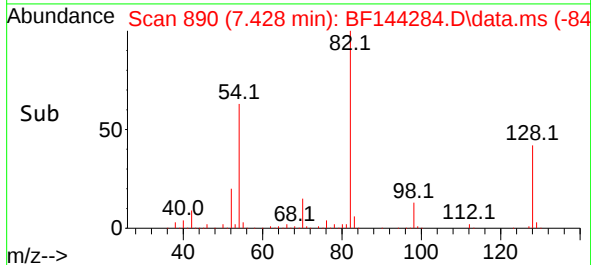
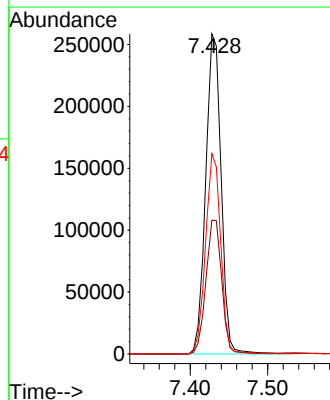
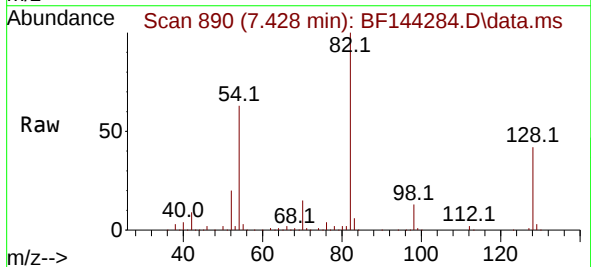
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.8	7.0	10.6
68	6.2	4.3	6.5

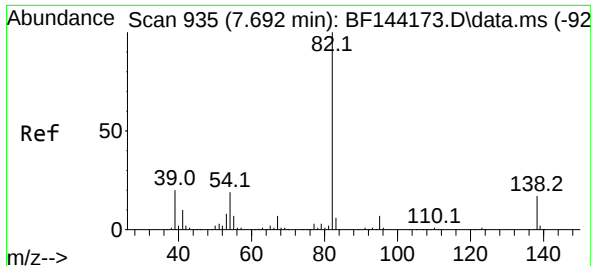


#23
Nitrobenzene-d5
Concen: 108.716 ng
RT: 7.428 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

Tgt Ion: 82 Resp: 357326

Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.7	52.1
54	62.6	49.5	74.3

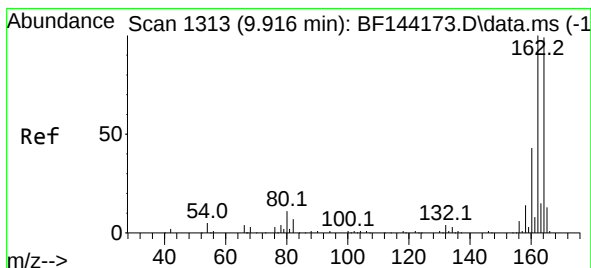
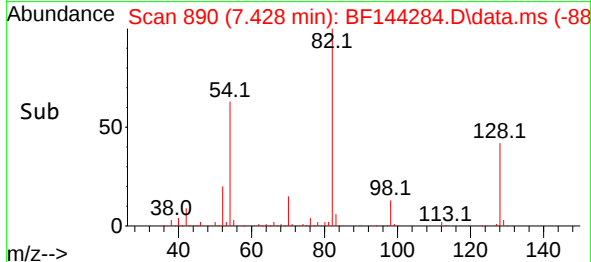
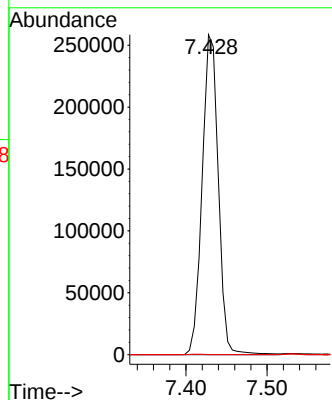
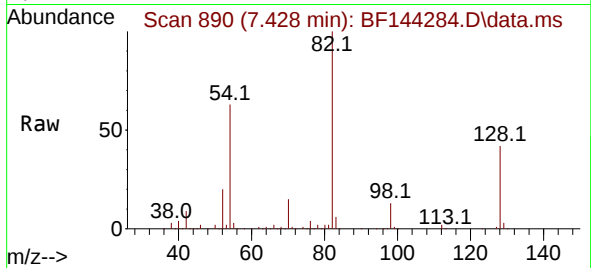




#25
Isophorone
Concen: 57.483 ng
RT: 7.428 min Scan# 89
Delta R.T. -0.259 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

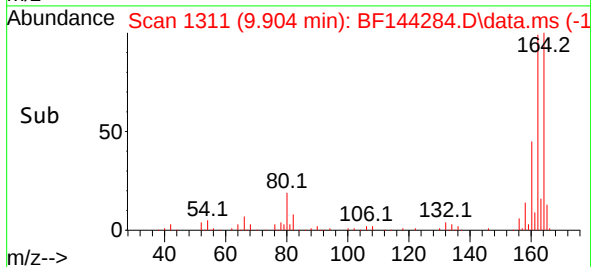
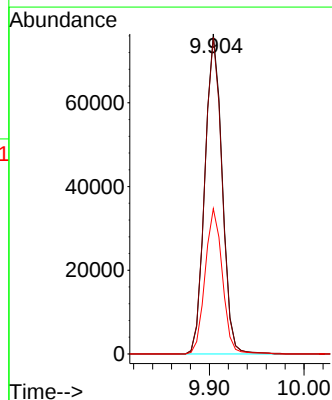
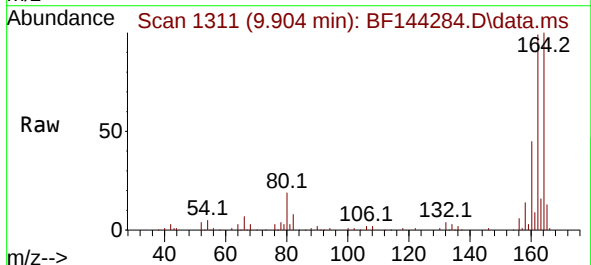
Instrument :
BNA_F
ClientSampleId :
TP-1

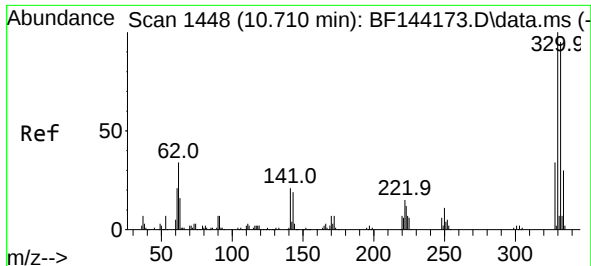
Tgt Ion: 82 Resp: 357370
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.012 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

Tgt Ion:164 Resp: 96365
Ion Ratio Lower Upper
164 100
162 98.9 81.1 121.7
160 45.4 34.5 51.7

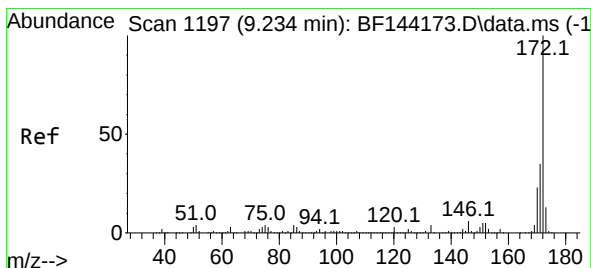
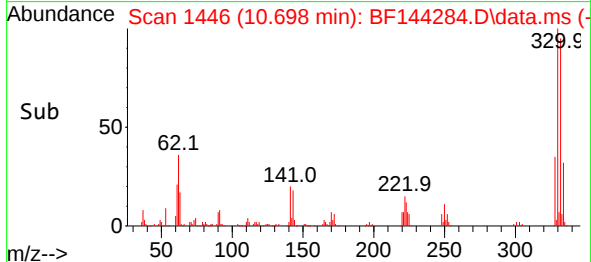
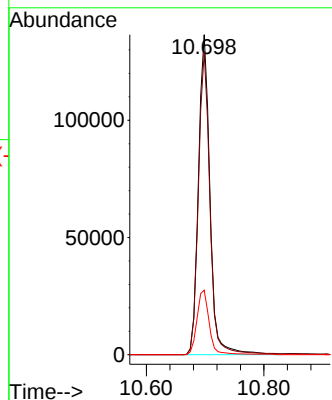
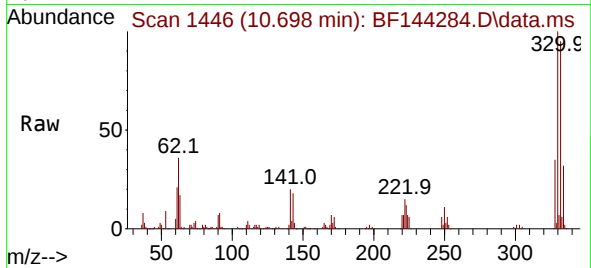




#42
2,4,6-Tribromophenol
Concen: 154.405 ng
RT: 10.698 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

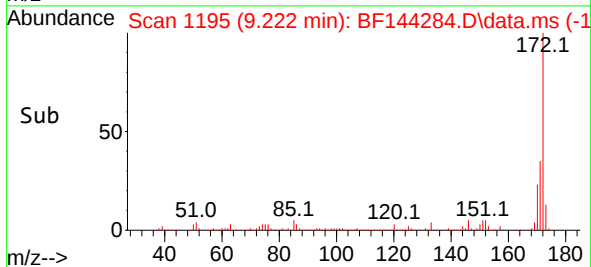
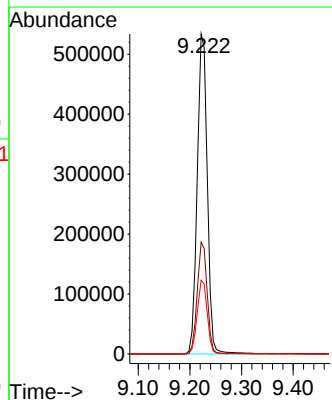
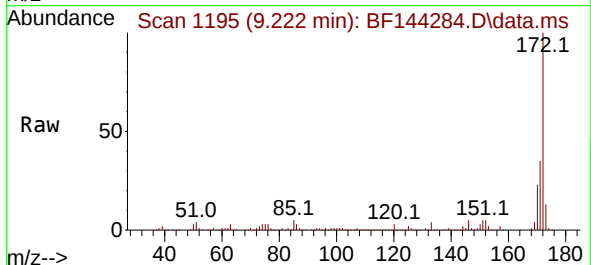
Instrument :
BNA_F
ClientSampleId :
TP-1

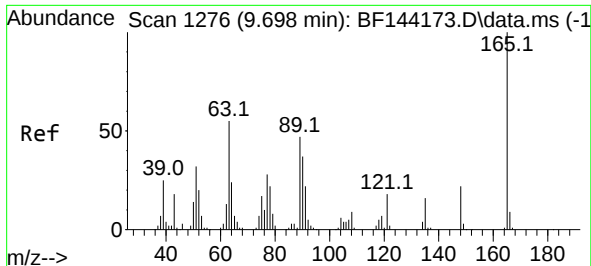
Tgt Ion:330 Resp: 186717
Ion Ratio Lower Upper
330 100
332 94.4 76.7 115.1
141 21.3 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 111.108 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

Tgt Ion:172 Resp: 724941
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.0 18.6 28.0

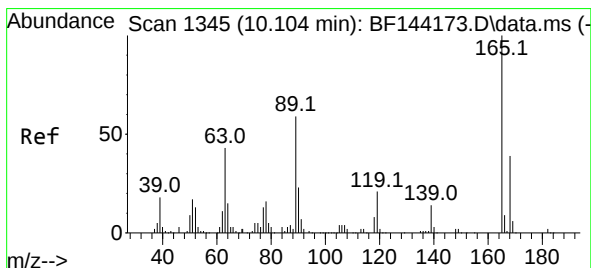
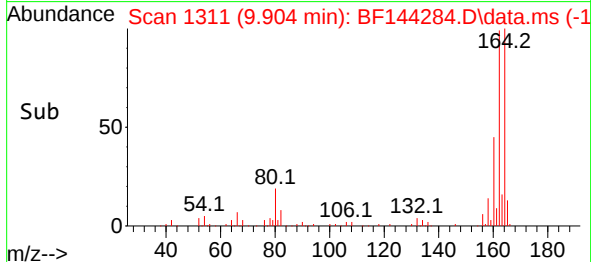
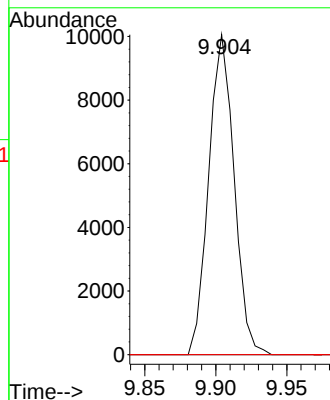
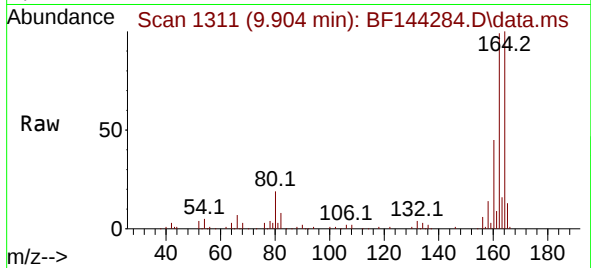




#51
2,6-Dinitrotoluene
Concen: 9.693 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

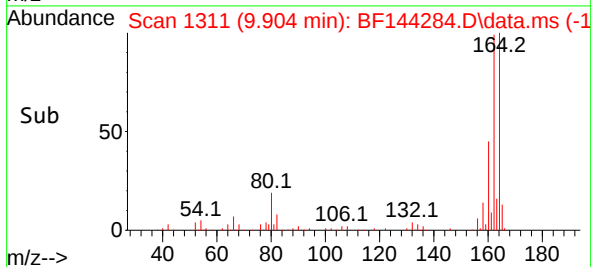
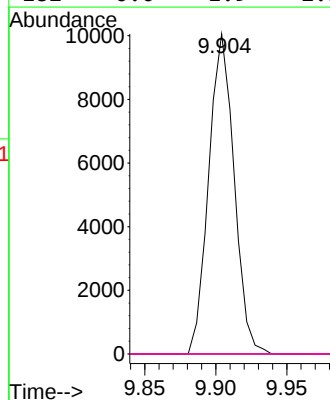
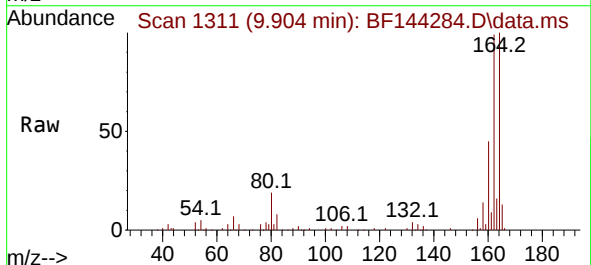
Instrument :
BNA_F
ClientSampleId :
TP-1

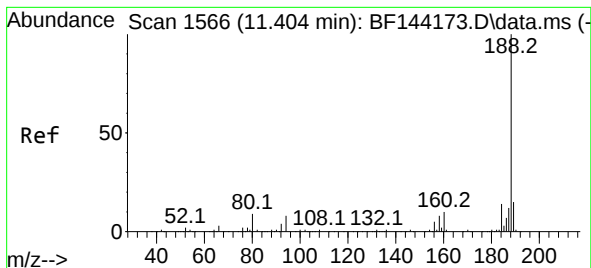
Tgt Ion:165 Resp: 12526
Ion Ratio Lower Upper
165 100
63 0.0 43.8 65.8#
89 0.0 37.5 56.3#



#57
2,4-Dinitrotoluene
Concen: 7.240 ng
RT: 9.904 min Scan# 1311
Delta R.T. -0.194 min
Lab File: BF144284.D
Acq: 19 Nov 2025 18:19

Tgt Ion:165 Resp: 12526
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: BF144284.D

Acq: 19 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

TP-1

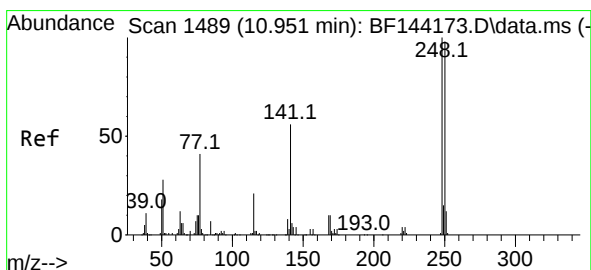
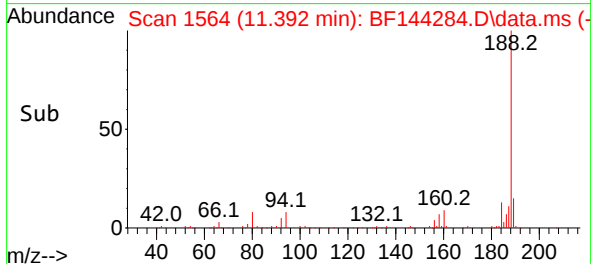
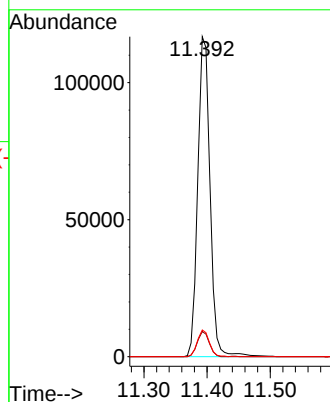
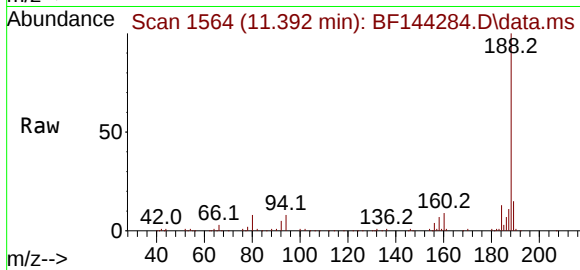
Tgt Ion:188 Resp: 157405

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.2

80 8.4 6.9 10.3



#67

4-Bromophenyl-phenylether

Concen: 5.299 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.247 min

Lab File: BF144284.D

Acq: 19 Nov 2025 18:19

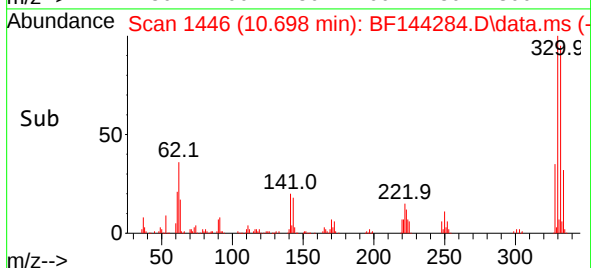
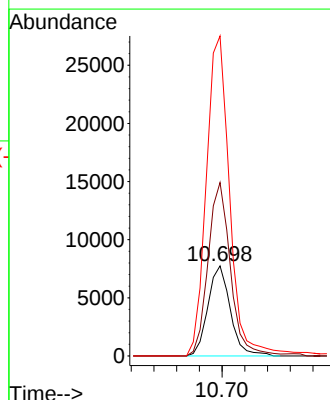
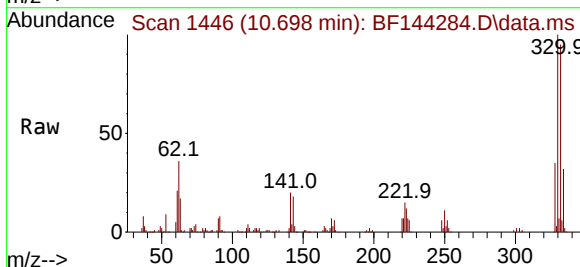
Tgt Ion:248 Resp: 10646

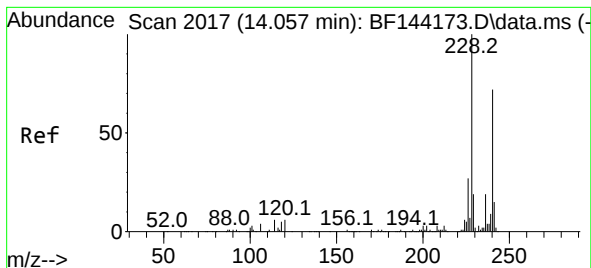
Ion Ratio Lower Upper

248 100

250 192.7 78.4 117.6#

141 355.3 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: BF144284.D

Acq: 19 Nov 2025 18:19

Instrument :

BNA_F

ClientSampleId :

TP-1

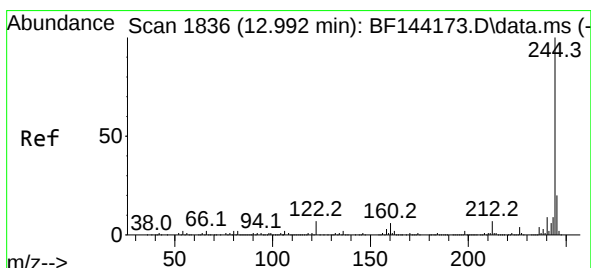
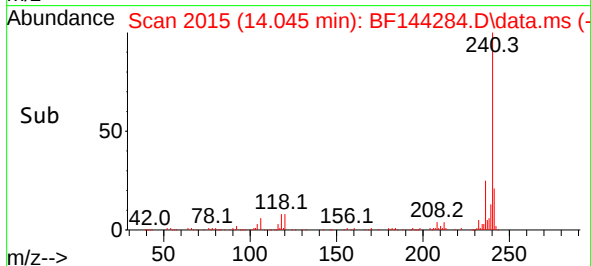
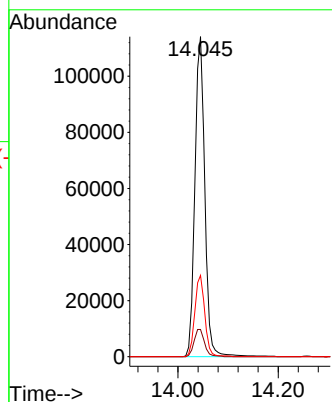
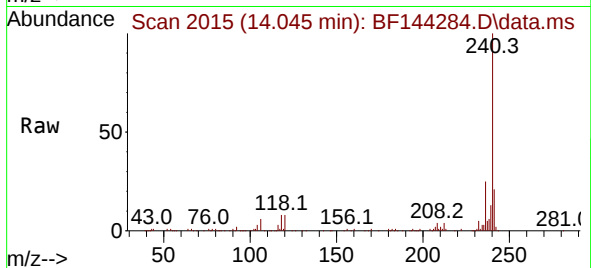
Tgt Ion:240 Resp: 155836

Ion Ratio Lower Upper

240 100

120 8.5 6.6 10.0

236 25.4 21.4 32.2



#79

Terphenyl-d14

Concen: 82.383 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144284.D

Acq: 19 Nov 2025 18:19

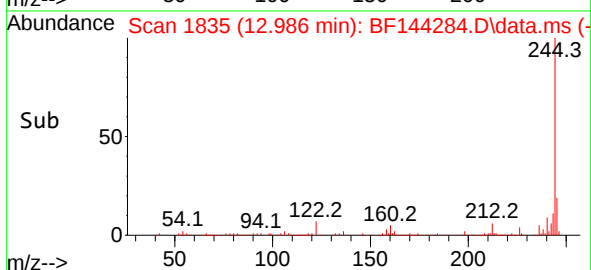
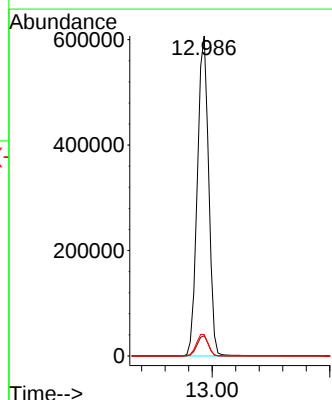
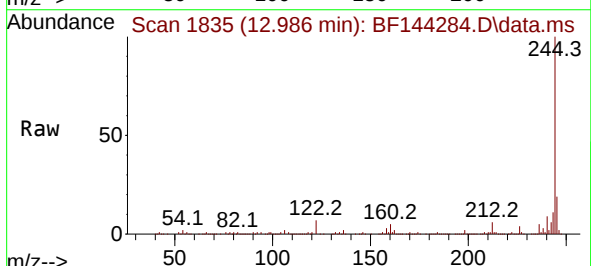
Tgt Ion:244 Resp: 808247

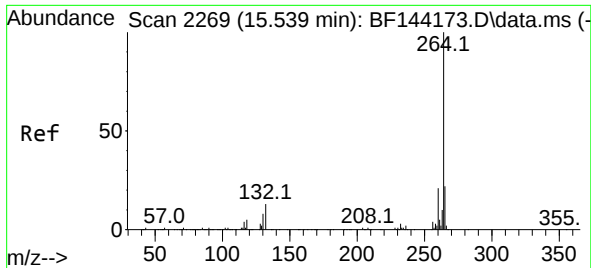
Ion Ratio Lower Upper

244 100

212 6.3 5.3 7.9

122 6.7 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: BF144284.D
Acq: 19 Nov 2025 18:19

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:264 Resp: 173076
Ion Ratio Lower Upper
264 100
260 21.7 17.1 25.7
265 22.0 17.4 26.0

