

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092325\
 Data File : BF143800.D
 Acq On : 23 Sep 2025 18:11
 Operator : RC/JU
 Sample : PB169751BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169751BL

Quant Time: Sep 23 18:33:21 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 23 17:50:26 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

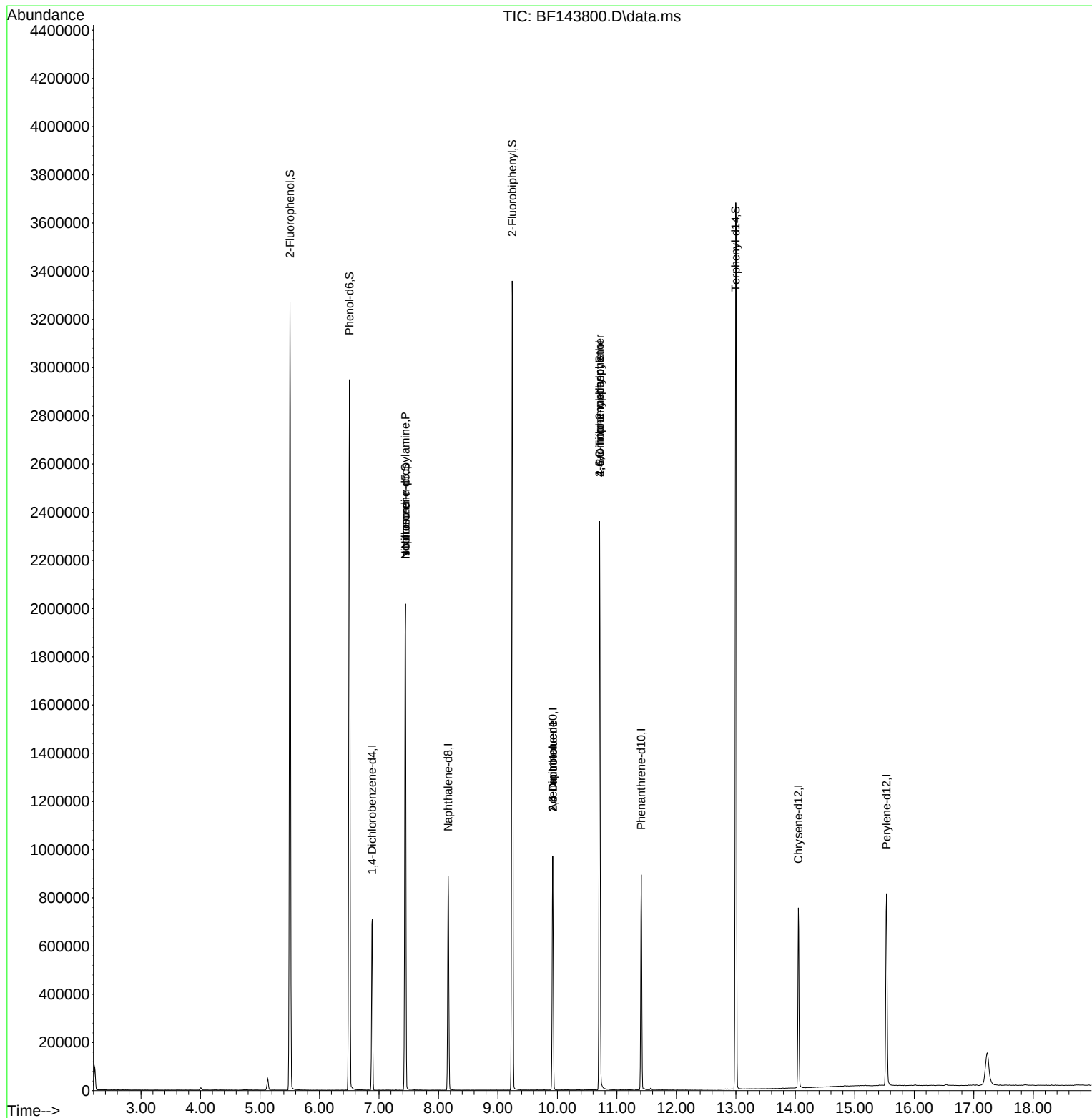
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	146548	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	546738	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	284431	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	452558	20.000	ng	0.00
76) Chrysene-d12	14.051	240	408146	20.000	ng	-0.01
86) Perylene-d12	15.533	264	544168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1121028	123.109	ng	0.00
7) Phenol-d6	6.504	99	1330525	123.818	ng	0.00
23) Nitrobenzene-d5	7.445	82	845689	97.343	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	489526	120.596	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1627169	84.540	ng	0.00
79) Terphenyl-d14	12.998	244	2129158	102.419	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	121220	18.087	ng	# 76
25) Isophorone	7.445	82	837994	48.145	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	36365	12.767	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	36365	10.998	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	660	4.613	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	32638	4.232	ng	# 1

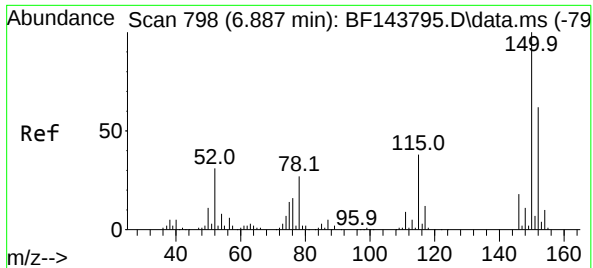
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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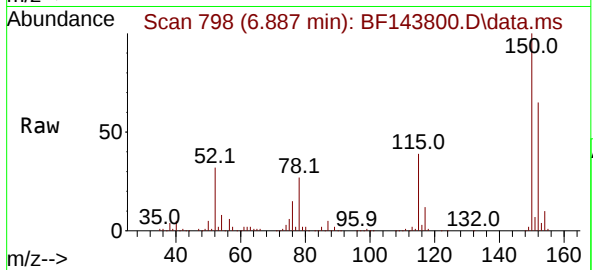
Quant Time: Sep 23 18:33:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
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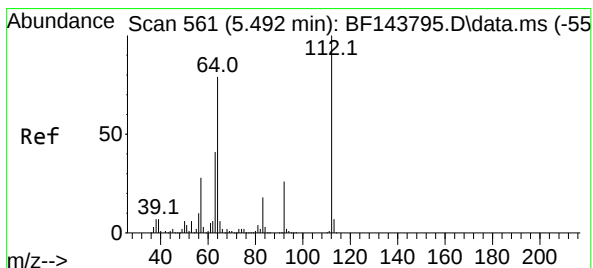
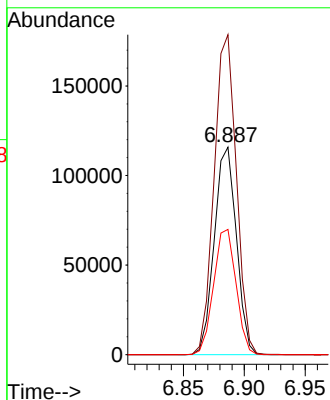
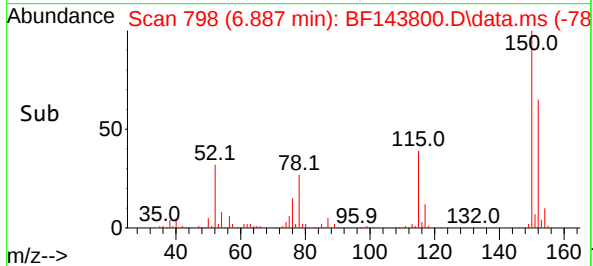


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

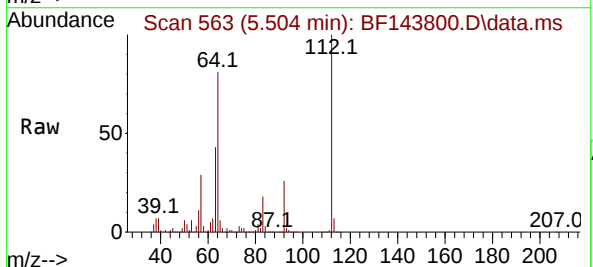
Instrument :
BNA_F
ClientSampleId :
PB169751BL



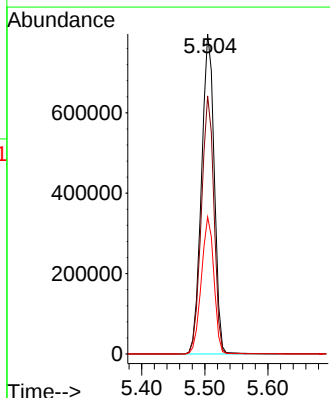
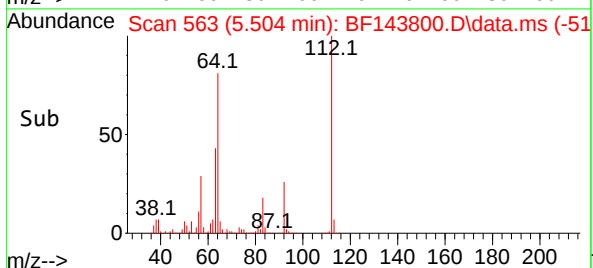
Tgt Ion:152 Resp: 146548
Ion Ratio Lower Upper
152 100
150 154.1 129.6 194.4
115 60.4 49.0 73.4

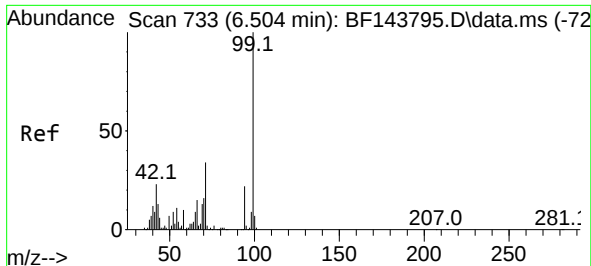


#5
2-Fluorophenol
Concen: 123.109 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11



Tgt Ion:112 Resp: 1121028
Ion Ratio Lower Upper
112 100
64 80.6 63.0 94.4
63 42.8 32.6 49.0

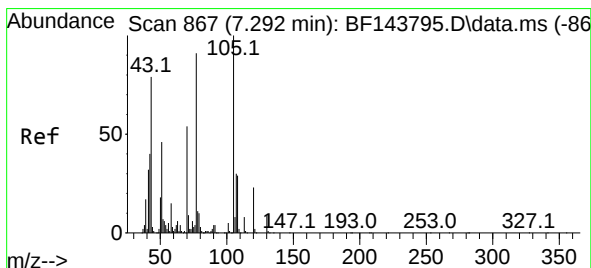
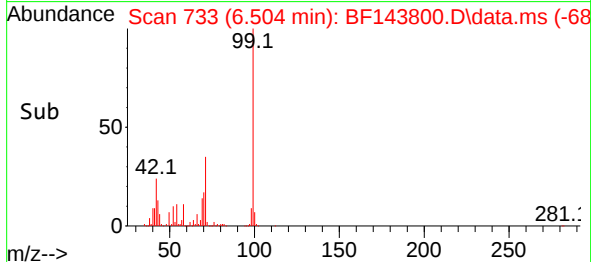
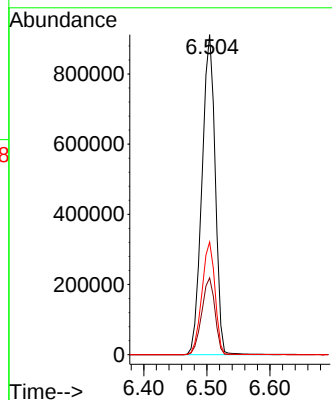
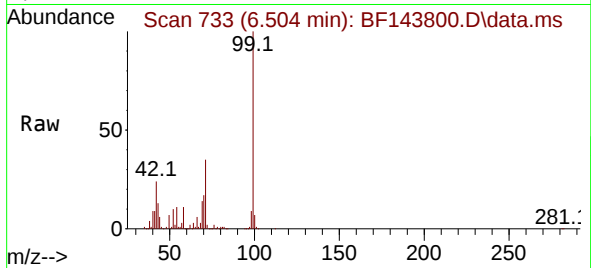




#7
Phenol-d6
Concen: 123.818 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

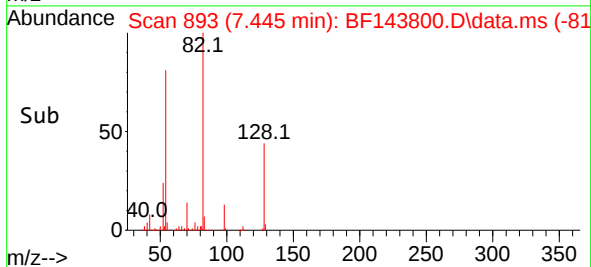
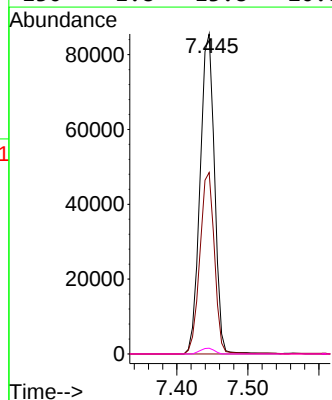
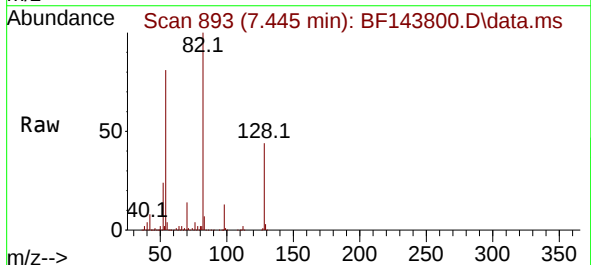
Instrument :
BNA_F
ClientSampleId :
PB169751BL

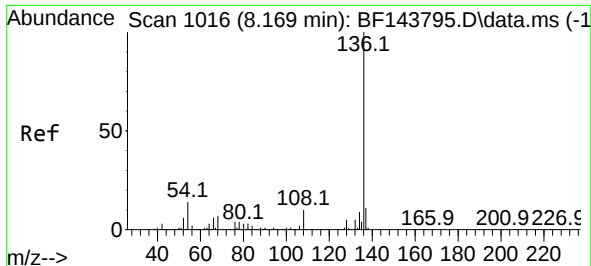
Tgt Ion: 99 Resp: 1330525
Ion Ratio Lower Upper
99 100
42 24.0 18.6 28.0
71 35.2 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 18.087 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion: 70 Resp: 121220
Ion Ratio Lower Upper
70 100
42 56.7 59.4 89.0#
101 0.0 7.1 10.7#
130 1.8 13.8 20.8#

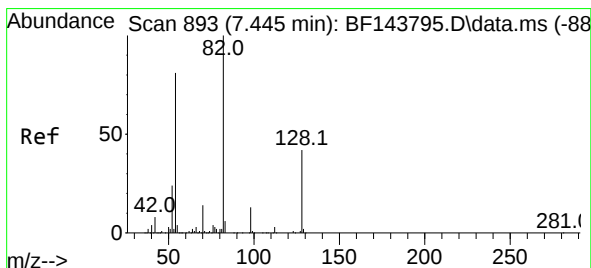
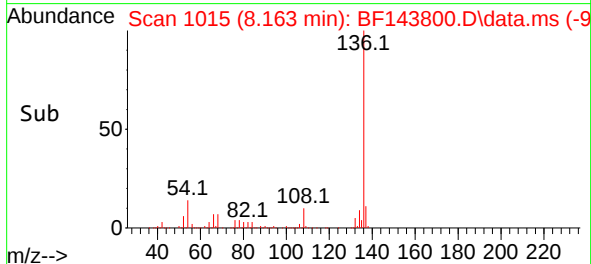
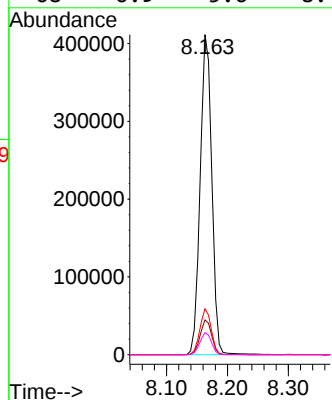
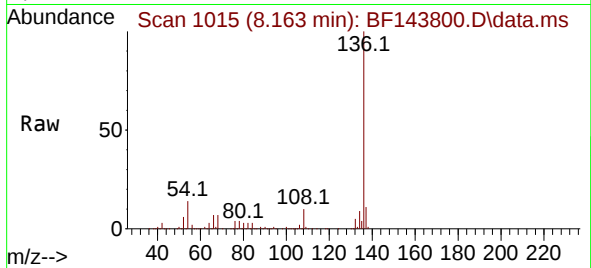




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

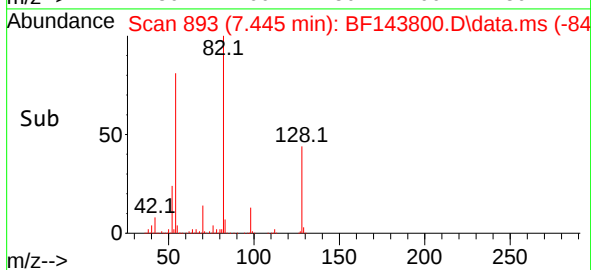
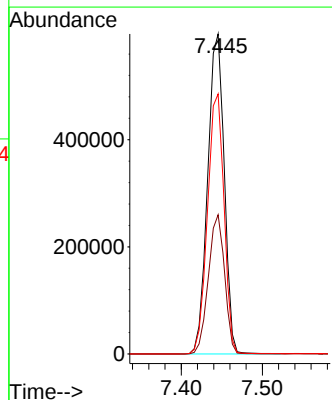
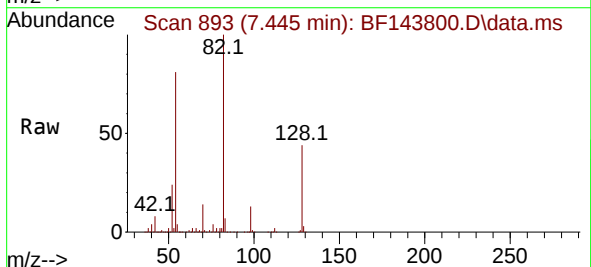
Instrument :
BNA_F
ClientSampleId :
PB169751BL

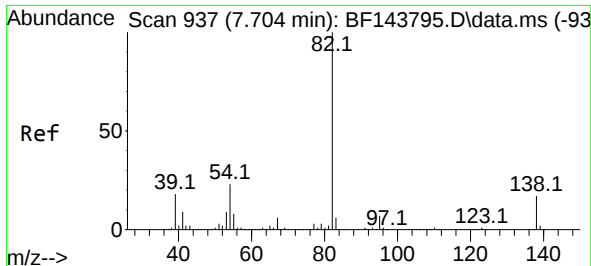
Tgt Ion:136 Resp: 546738
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 14.4 11.2 16.8
68 6.9 5.6 8.4



#23
Nitrobenzene-d5
Concen: 97.343 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion: 82 Resp: 845689
Ion Ratio Lower Upper
82 100
128 43.5 33.3 49.9
54 81.3 64.2 96.4

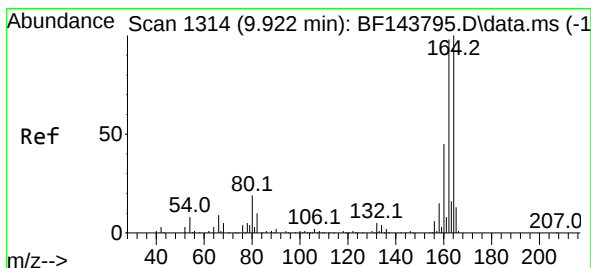
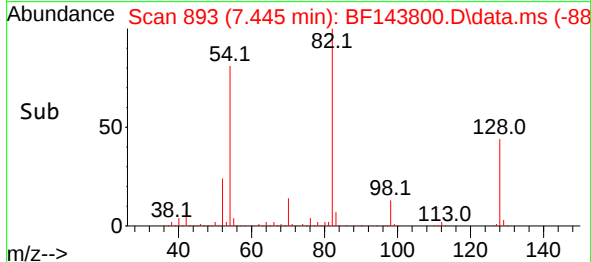
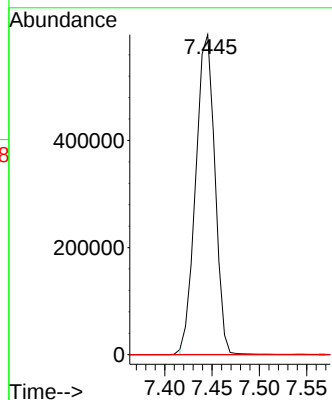
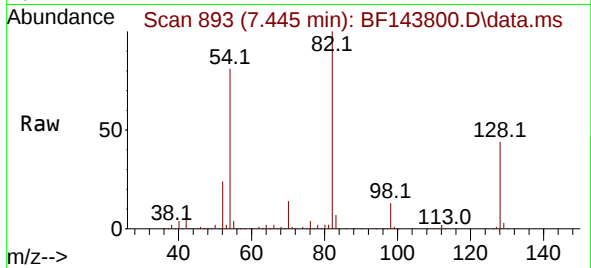




#25
Isophorone
Concen: 48.145 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.265 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

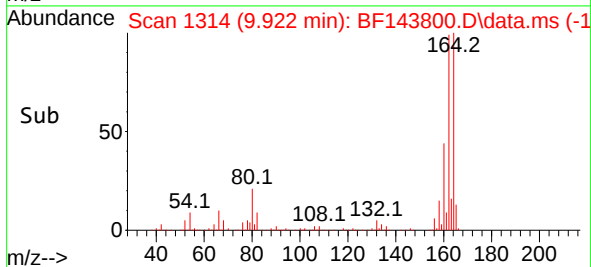
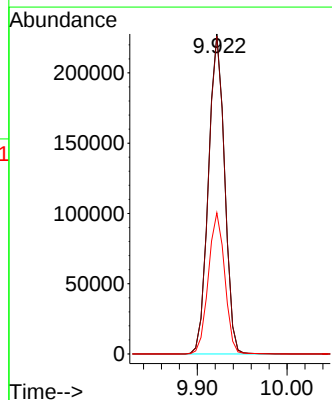
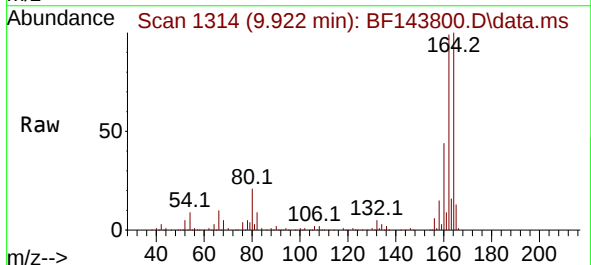
Instrument :
BNA_F
ClientSampleId :
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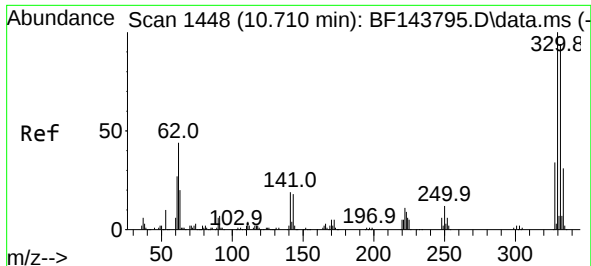
Tgt Ion: 82 Resp: 837994
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion:164 Resp: 284431
Ion Ratio Lower Upper
164 100
162 99.3 78.8 118.2
160 44.1 35.8 53.6

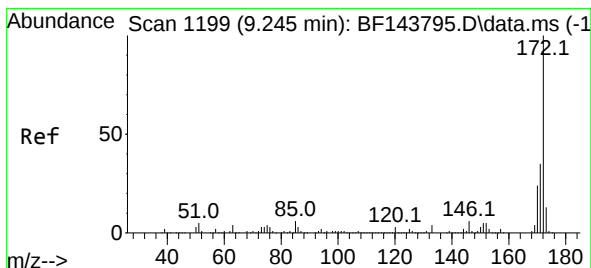
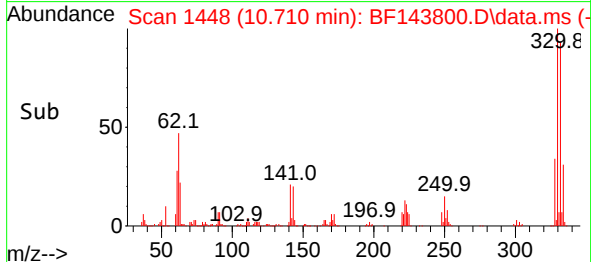
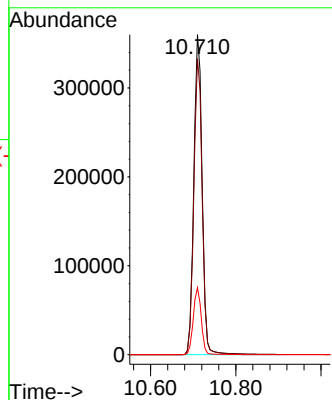
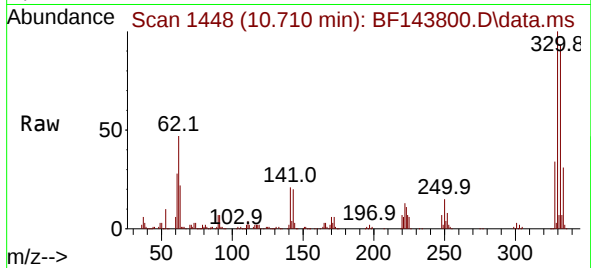




#42
2,4,6-Tribromophenol
Concen: 120.596 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

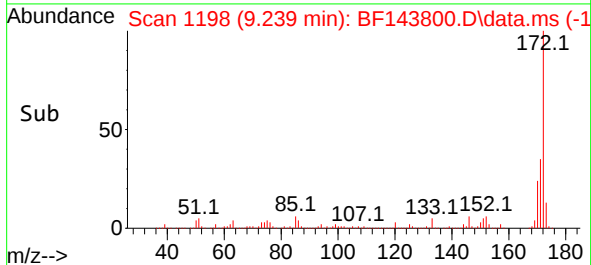
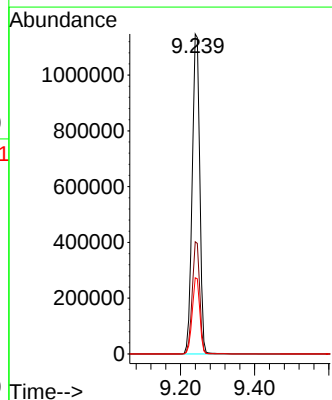
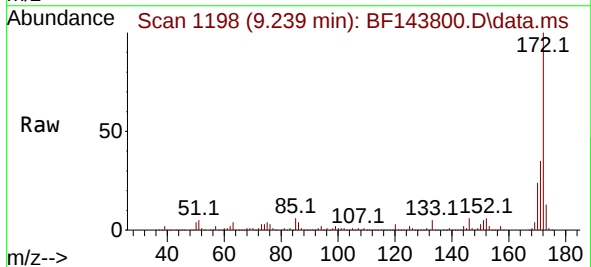
Instrument :
BNA_F
ClientSampleId :
PB169751BL

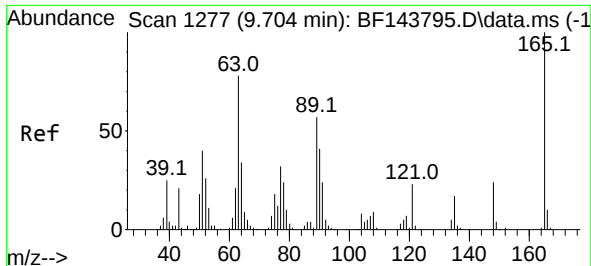
Tgt Ion:330 Resp: 489526
Ion Ratio Lower Upper
330 100
332 92.9 74.7 112.1
141 20.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 84.540 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion:172 Resp: 1627169
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 12.767 ng

RT: 9.922 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF143800.D

Acq: 23 Sep 2025 18:11

Instrument :

BNA_F

ClientSampleId :

PB169751BL

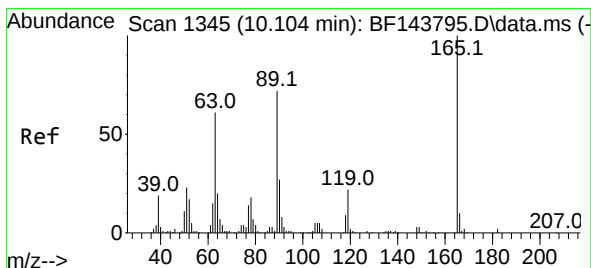
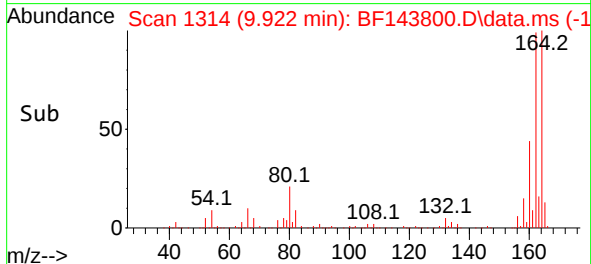
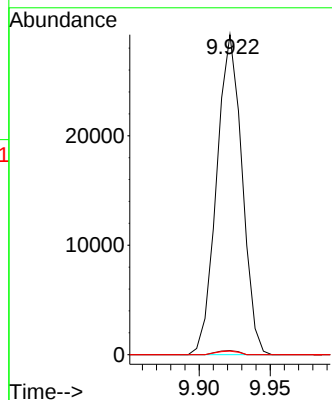
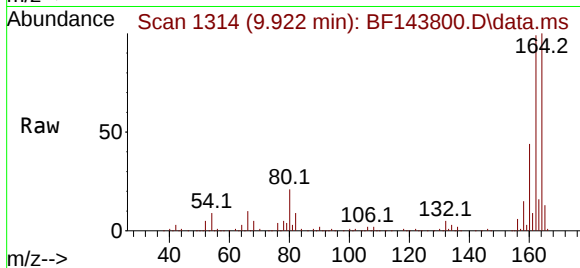
Tgt Ion:165 Resp: 36365

Ion Ratio Lower Upper

165 100

63 1.3 62.6 94.0#

89 1.1 45.2 67.8#



#57

2,4-Dinitrotoluene

Concen: 10.998 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.188 min

Lab File: BF143800.D

Acq: 23 Sep 2025 18:11

Tgt Ion:165 Resp: 36365

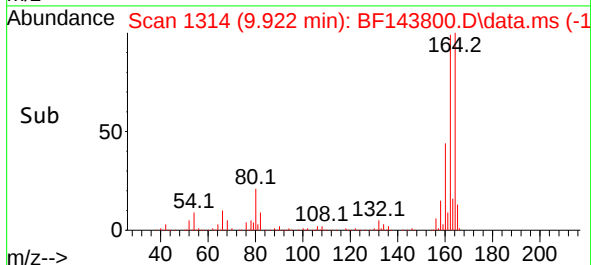
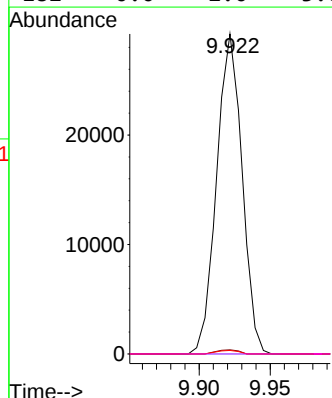
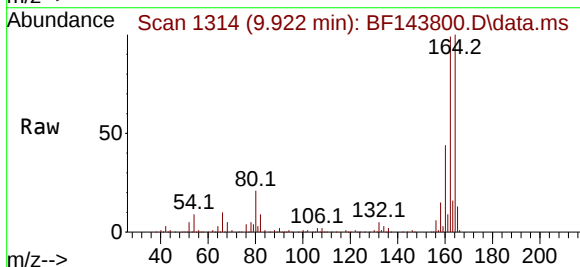
Ion Ratio Lower Upper

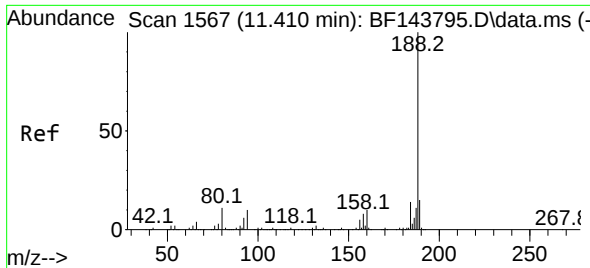
165 100

63 1.3 48.9 73.3#

89 1.1 57.5 86.3#

182 0.0 2.0 3.0#

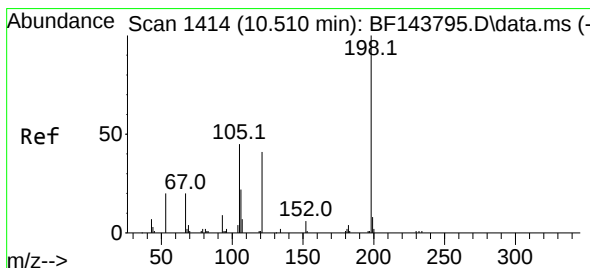
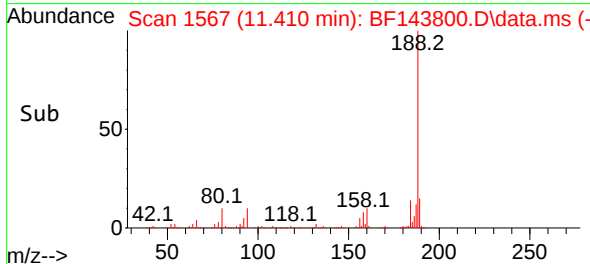
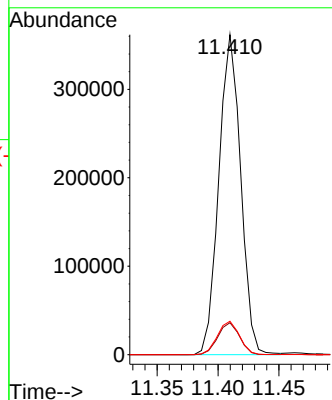
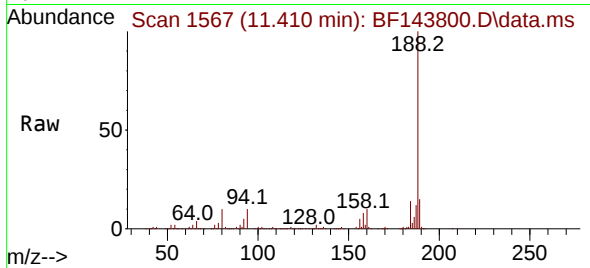




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

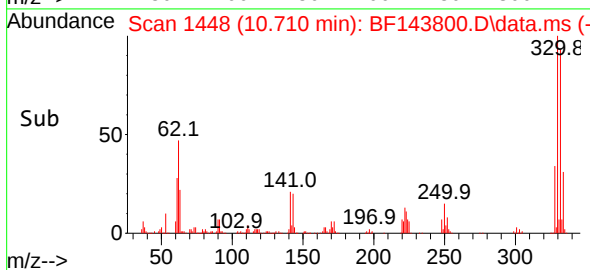
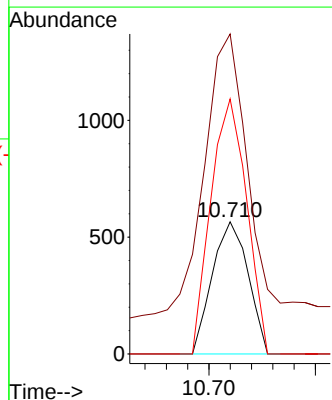
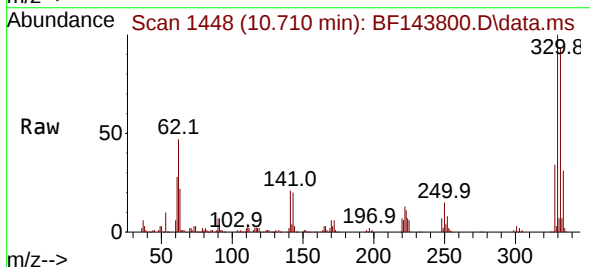
Instrument :
BNA_F
ClientSampleId :
PB169751BL

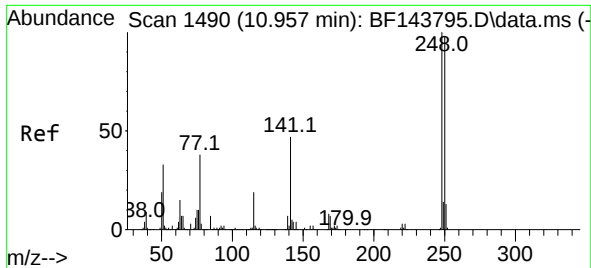
Tgt Ion:188 Resp: 452558
Ion Ratio Lower Upper
188 100
94 10.0 8.2 12.2
80 10.5 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.613 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion:198 Resp: 660
Ion Ratio Lower Upper
198 100
51 242.0 52.0 92.0#
105 192.9 27.5 67.5#

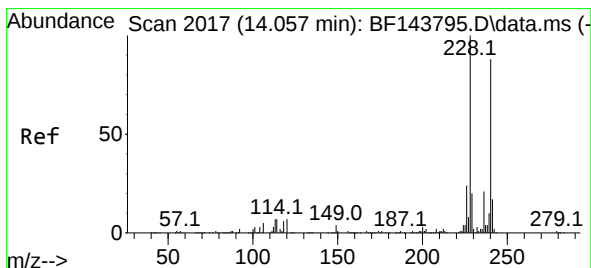
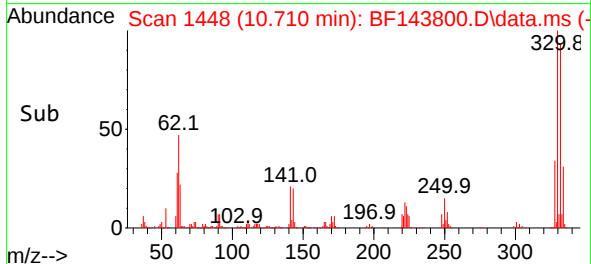
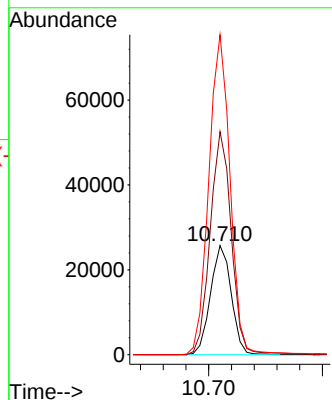
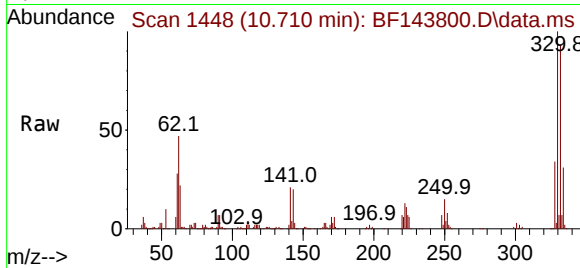




#67
4-Bromophenyl-phenylether
Concen: 4.232 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

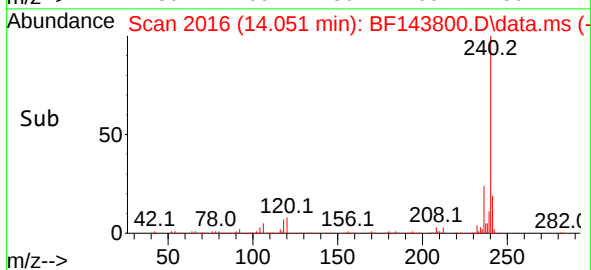
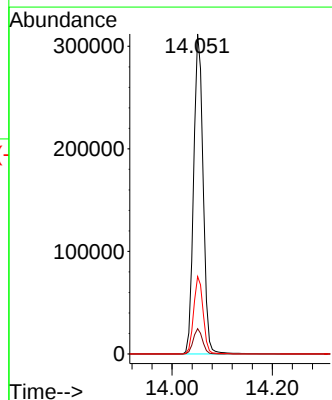
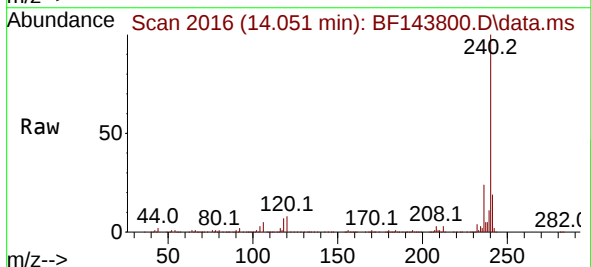
Instrument :
BNA_F
ClientSampleId :
PB169751BL

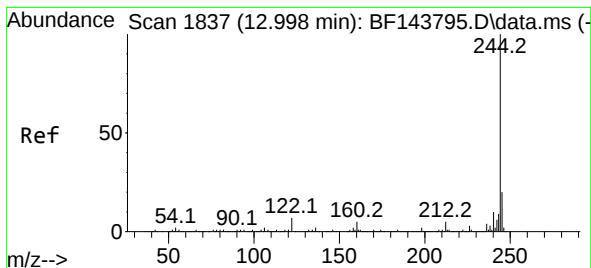
Tgt Ion:248 Resp: 32638
Ion Ratio Lower Upper
248 100
250 204.4 78.7 118.1#
141 293.1 37.9 56.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF143800.D
Acq: 23 Sep 2025 18:11

Tgt Ion:240 Resp: 408146
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.4
236 24.2 19.4 29.2





#79

Terphenyl-d14

Concen: 102.419 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143800.D

Acq: 23 Sep 2025 18:11

Instrument :

BNA_F

ClientSampleId :

PB169751BL

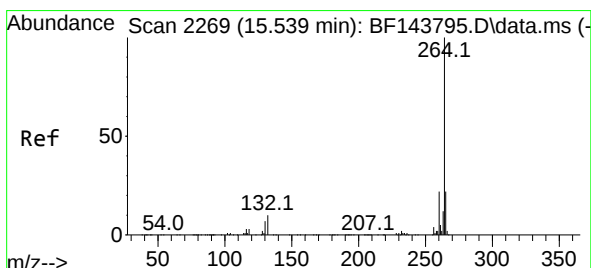
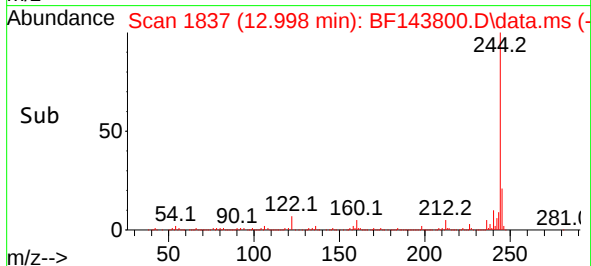
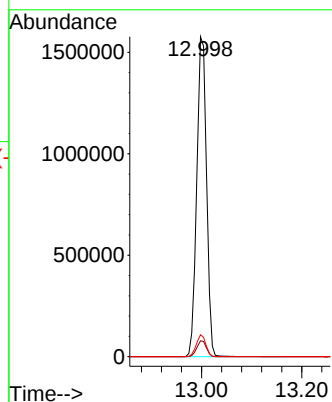
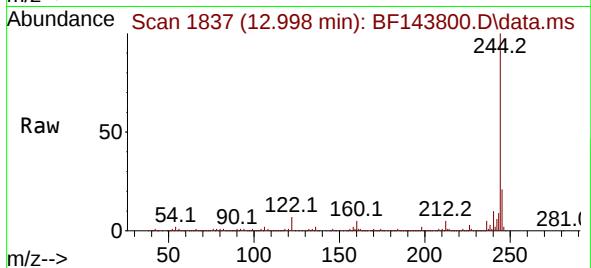
Tgt Ion:244 Resp: 2129158

Ion Ratio Lower Upper

244 100

212 5.0 3.9 5.9

122 6.8 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143800.D

Acq: 23 Sep 2025 18:11

Tgt Ion:264 Resp: 544168

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 22.0 17.7 26.5

