

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
 Data File : BF143831.D
 Acq On : 30 Sep 2025 14:05
 Operator : RC/JU
 Sample : PB169880BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169880BL

Quant Time: Sep 30 14:26:30 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 24 05:00:00 2025
 Response via : Initial Calibration

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

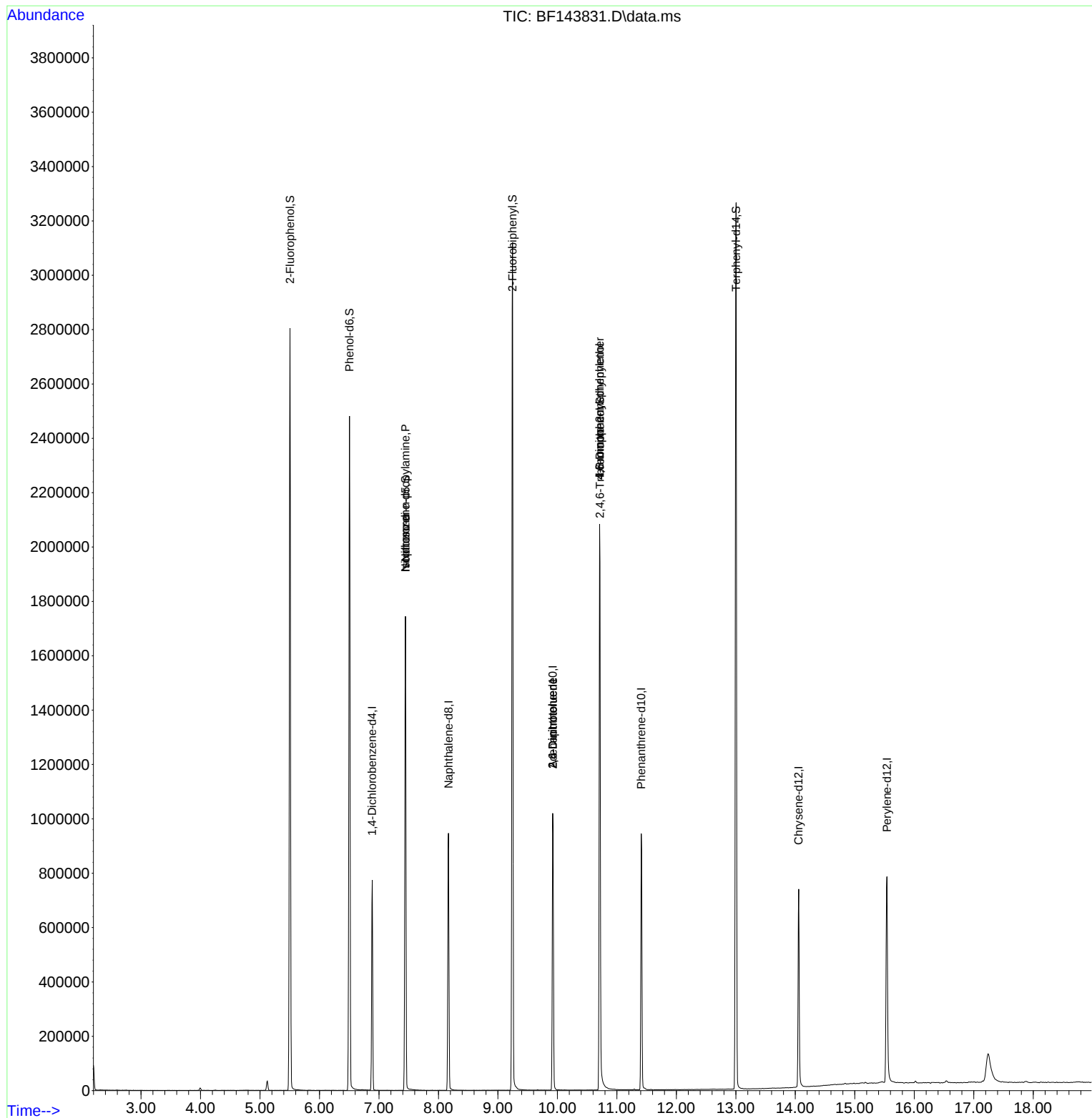
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	156353	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	604209	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	316969	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	515687	20.000	ng	0.00
76) Chrysene-d12	14.057	240	433966	20.000	ng	0.00
86) Perylene-d12	15.539	264	601939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	986908	102.552	ng	0.00
7) Phenol-d6	6.504	99	1170601	105.276	ng	0.00
23) Nitrobenzene-d5	7.445	82	731091	74.066	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	511811	109.053	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1495704	73.636	ng	0.00
79) Terphenyl-d14	13.004	244	1957244	91.725	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	102549	14.342	ng	# 69
25) Isophorone	7.445	82	713391	37.088	ng	# 66
51) 2,6-Dinitrotoluene	9.922	165	41213	12.984	ng	# 17
57) 2,4-Dinitrotoluene	9.922	165	41206	11.134	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	597	4.521	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	31421	3.575	ng	# 1

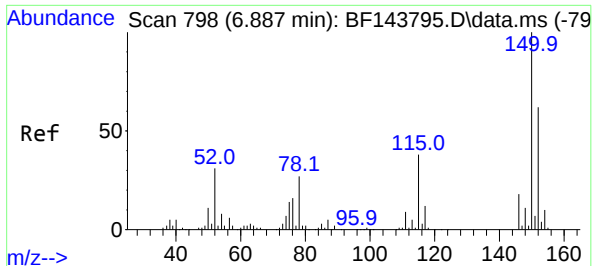
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF093025\
Data File : BF143831.D
Acq On : 30 Sep 2025 14:05
Operator : RC/JU
Sample : PB169880BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB169880BL

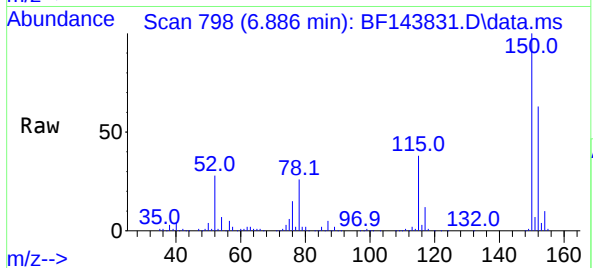
Quant Time: Sep 30 14:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration



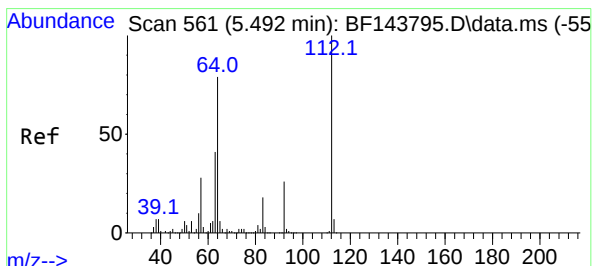
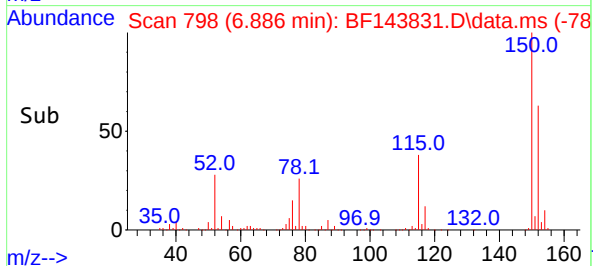
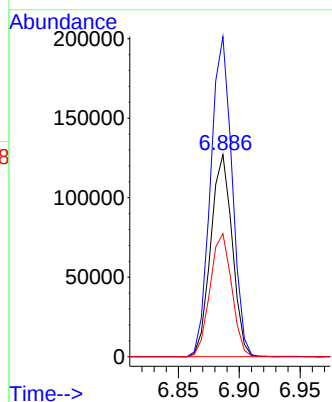


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 798
Delta R.T. -0.001 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Instrument :
BNA_F
ClientSampleId :
PB169880BL

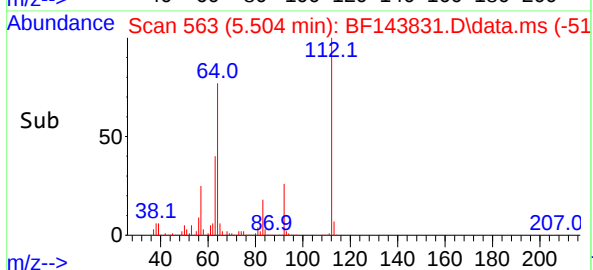
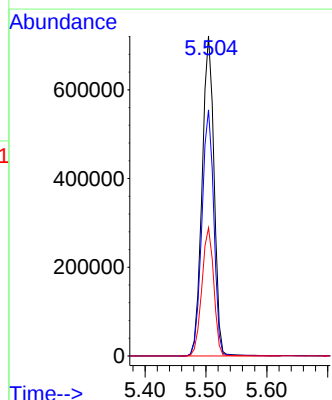
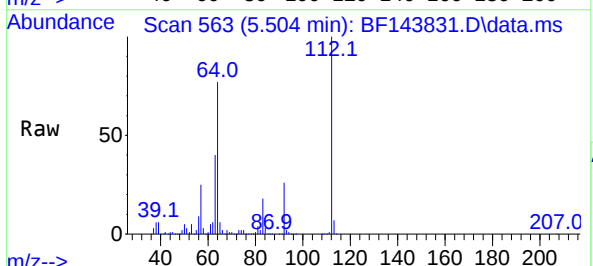


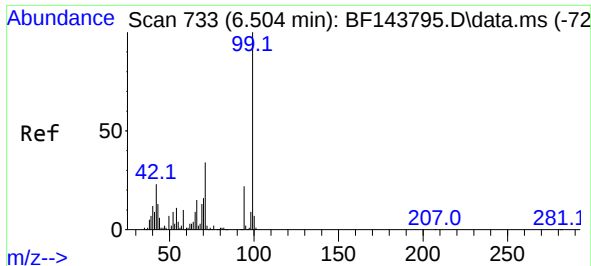
Tgt Ion:152 Resp: 156353
Ion Ratio Lower Upper
152 100
150 158.4 129.6 194.4
115 60.9 49.0 73.4



#5
2-Fluorophenol
Concen: 102.552 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion:112 Resp: 986908
Ion Ratio Lower Upper
112 100
64 76.9 63.0 94.4
63 40.0 32.6 49.0

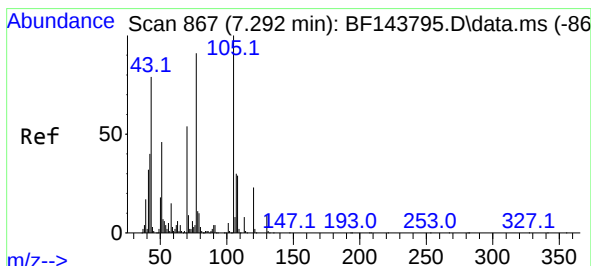
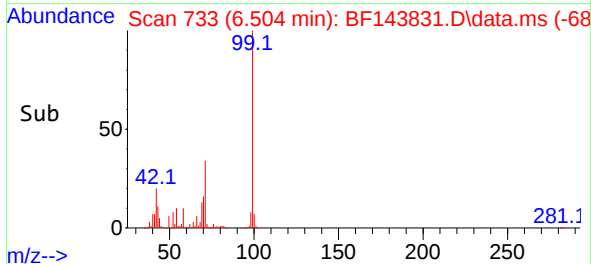
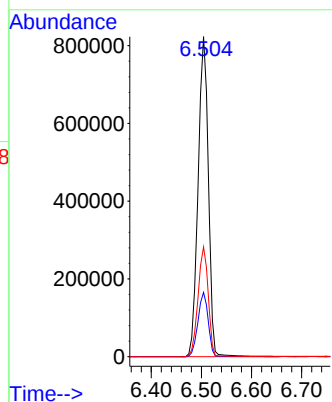
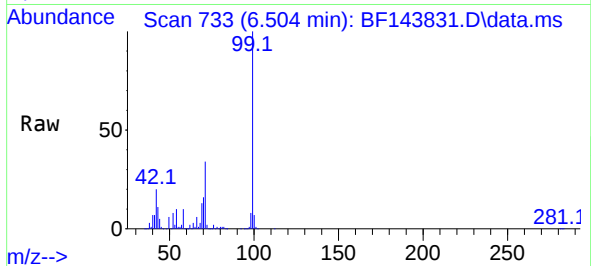




#7
Phenol-d6
Concen: 105.276 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

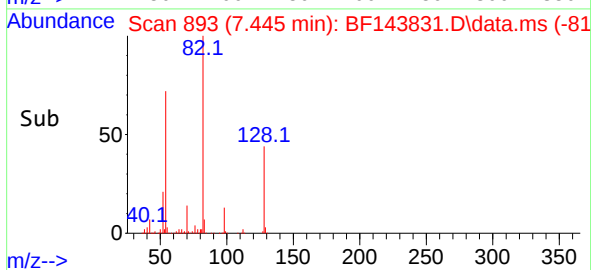
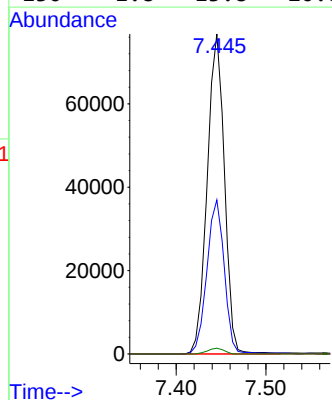
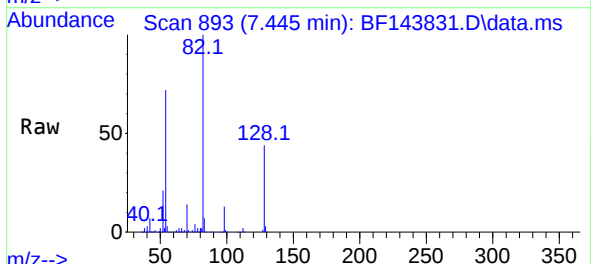
Instrument :
BNA_F
ClientSampleId :
PB169880BL

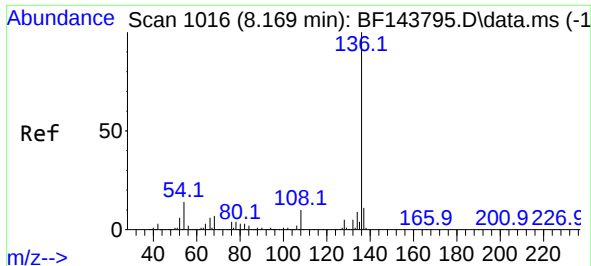
Tgt Ion: 99 Resp: 1170601
Ion Ratio Lower Upper
99 100
42 20.1 18.6 28.0
71 34.3 27.0 40.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.342 ng
RT: 7.445 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion: 70 Resp: 102549
Ion Ratio Lower Upper
70 100
42 48.2 59.4 89.0#
101 0.0 7.1 10.7#
130 1.8 13.8 20.8#



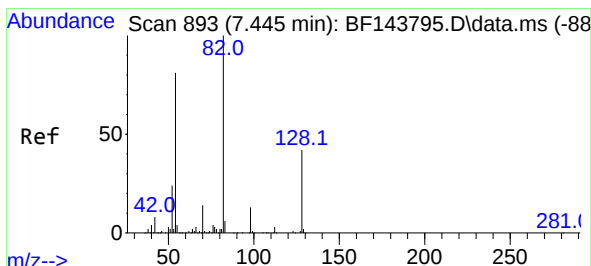
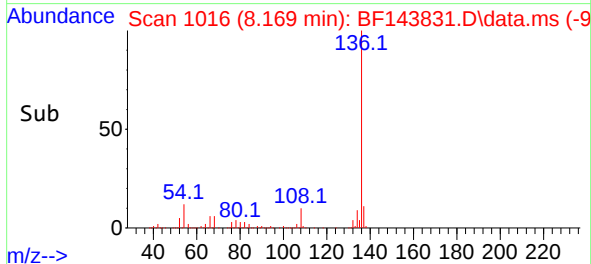
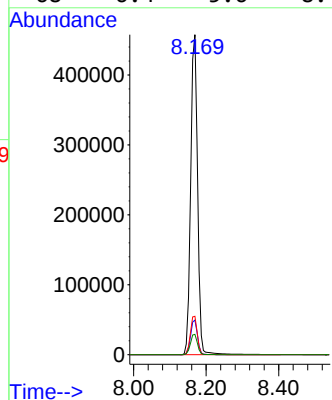
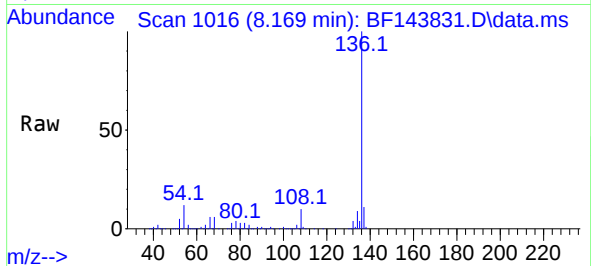


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Instrument :
BNA_F
ClientSampleId :
PB169880BL

Tgt Ion:136 Resp: 604209

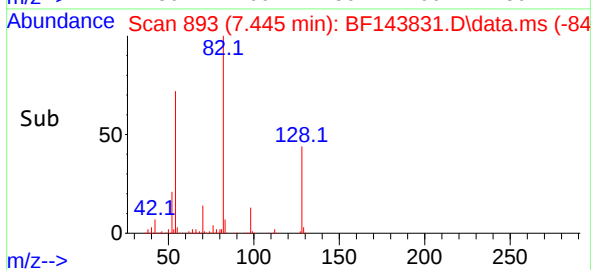
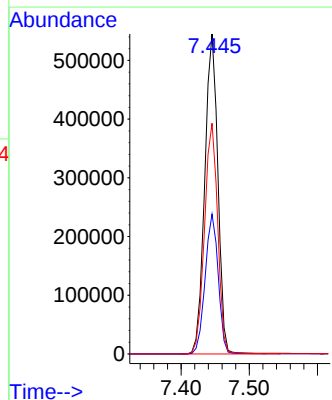
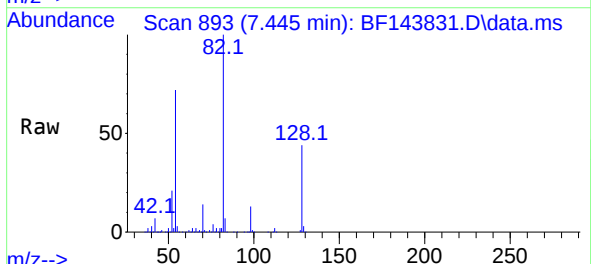
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	12.0	11.2	16.8
68	6.4	5.6	8.4

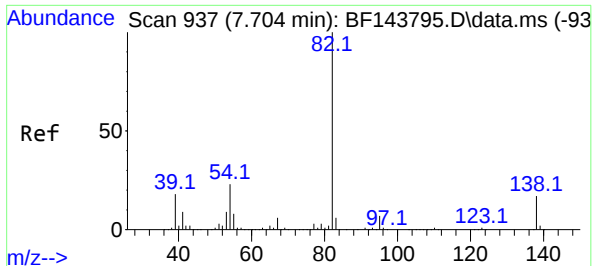


#23
Nitrobenzene-d5
Concen: 74.066 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion: 82 Resp: 731091

Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.3	49.9
54	72.1	64.2	96.4

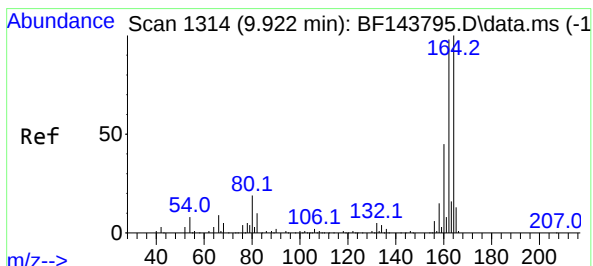
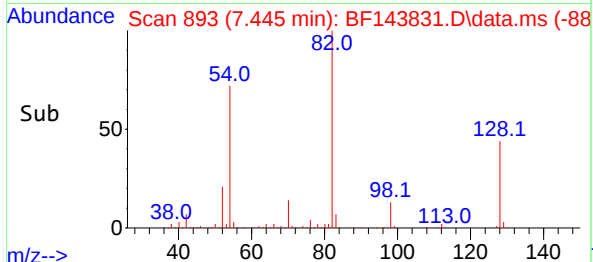
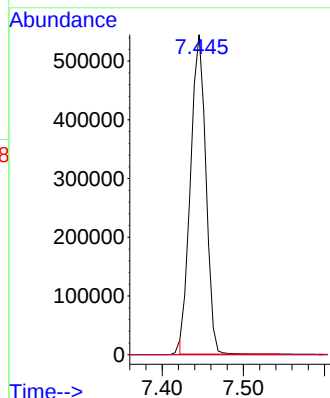
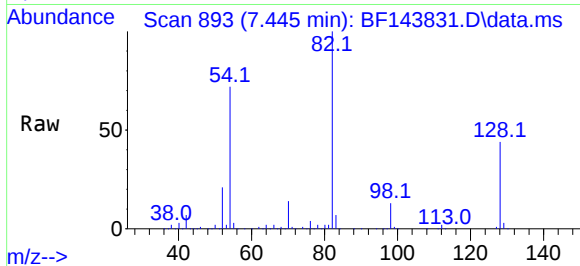




#25
Isophorone
Concen: 37.088 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.265 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

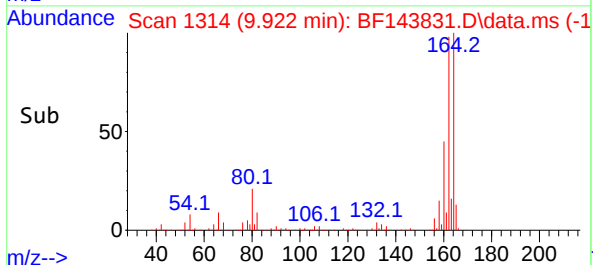
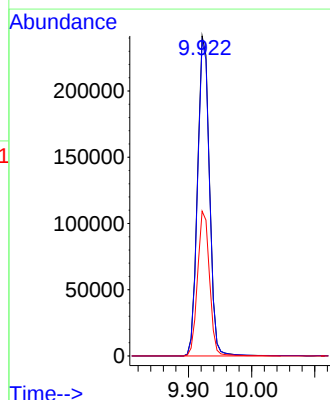
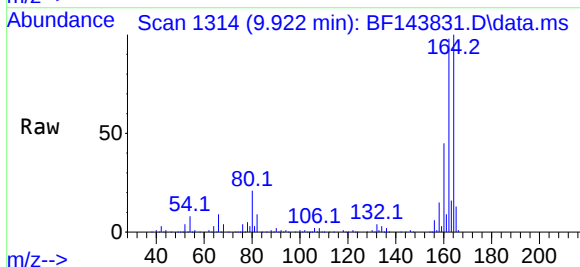
Instrument :
BNA_F
ClientSampleId :
PB169880BL

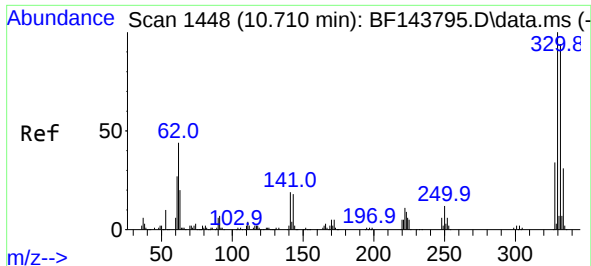
Tgt Ion: 82 Resp: 713391
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion:164 Resp: 316969
Ion Ratio Lower Upper
164 100
162 98.4 78.8 118.2
160 45.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 109.053 ng

RT: 10.716 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF143831.D

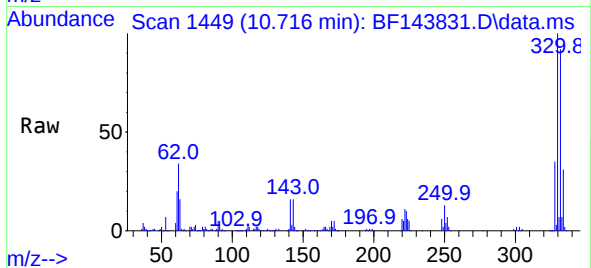
Acq: 30 Sep 2025 14:05

Instrument :

BNA_F

ClientSampleId :

PB169880BL



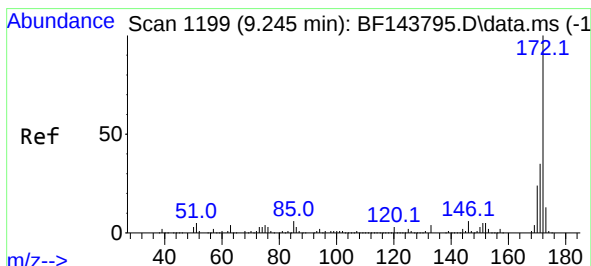
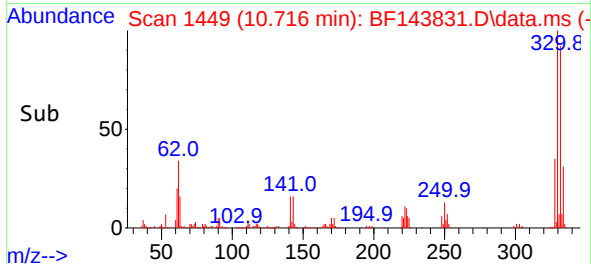
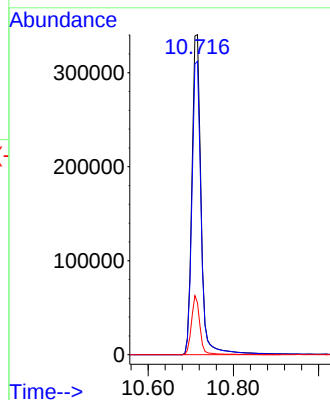
Tgt Ion:330 Resp: 511811

Ion Ratio Lower Upper

330 100

332 93.0 74.7 112.1

141 17.0 14.3 21.5



#45

2-Fluorobiphenyl

Concen: 73.636 ng

RT: 9.245 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF143831.D

Acq: 30 Sep 2025 14:05

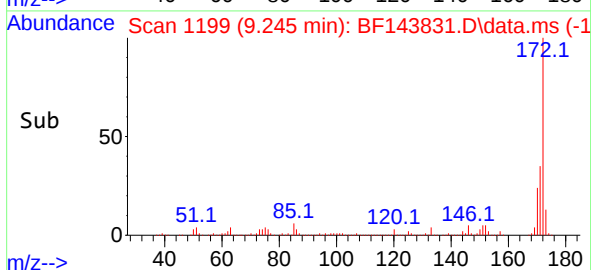
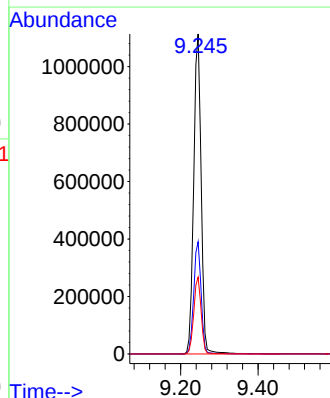
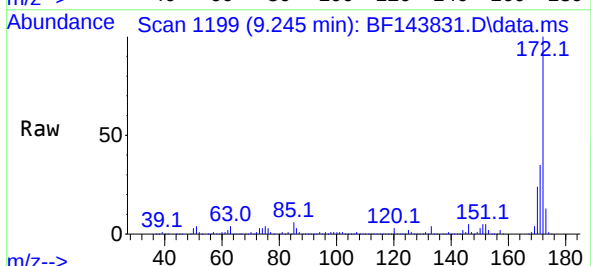
Tgt Ion:172 Resp: 1495704

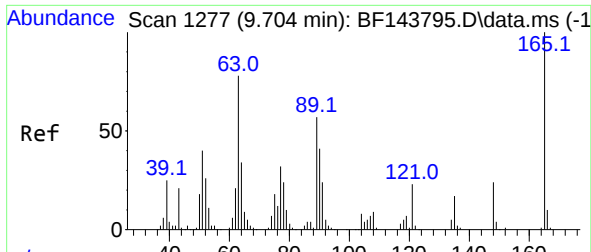
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 24.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 12.984 ng

RT: 9.922 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF143831.D

Acq: 30 Sep 2025 14:05

Instrument :

BNA_F

ClientSampleId :

PB169880BL

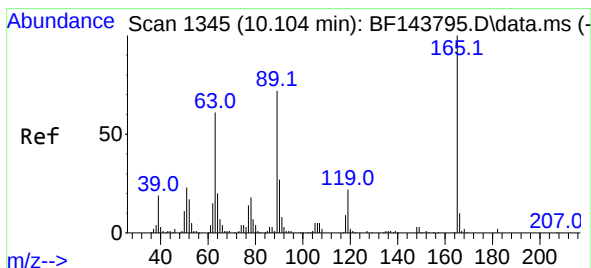
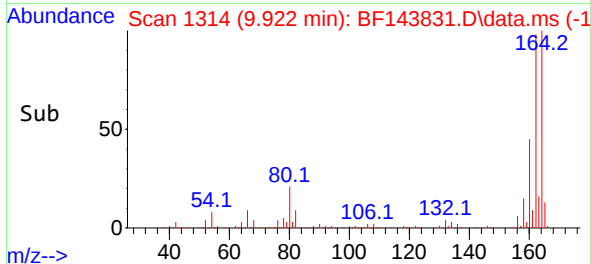
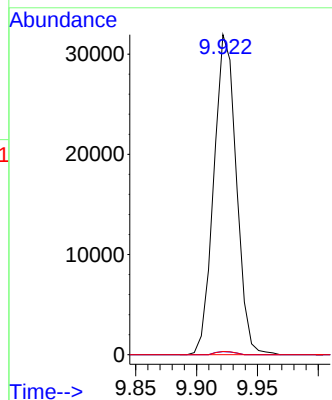
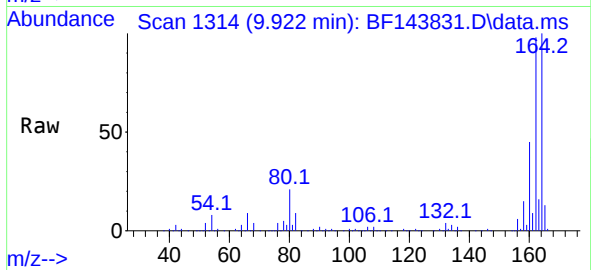
Tgt Ion:165 Resp: 41213

Ion Ratio Lower Upper

165 100

63 0.9 62.6 94.0#

89 1.0 45.2 67.8#



#57

2,4-Dinitrotoluene

Concen: 11.134 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.188 min

Lab File: BF143831.D

Acq: 30 Sep 2025 14:05

Tgt Ion:165 Resp: 41206

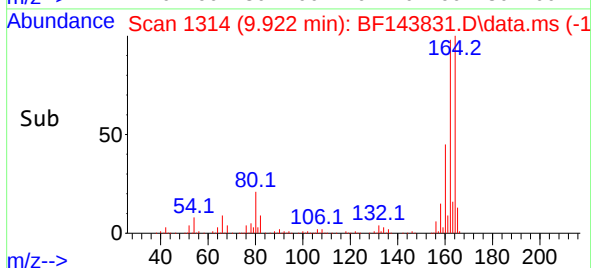
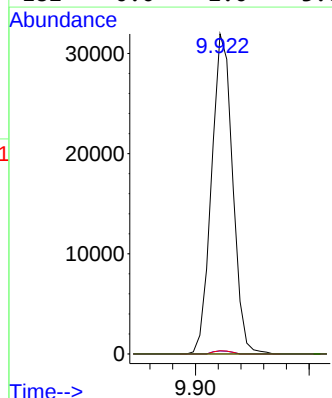
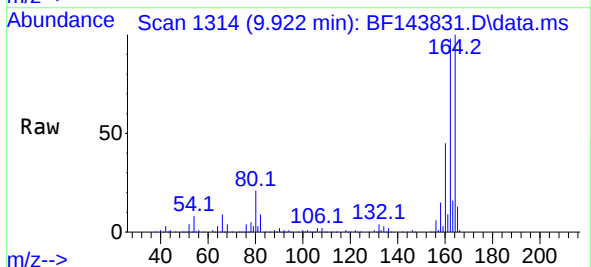
Ion Ratio Lower Upper

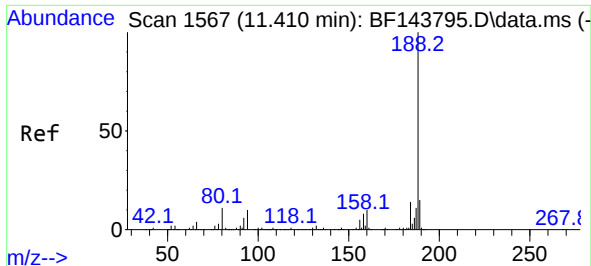
165 100

63 0.9 48.9 73.3#

89 1.0 57.5 86.3#

182 0.0 2.0 3.0#

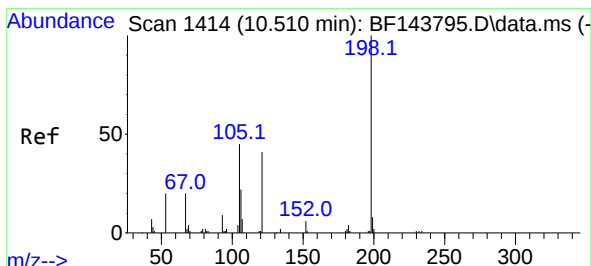
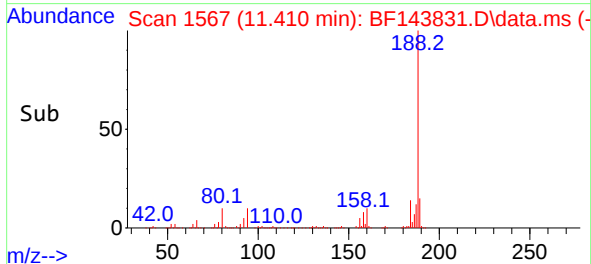
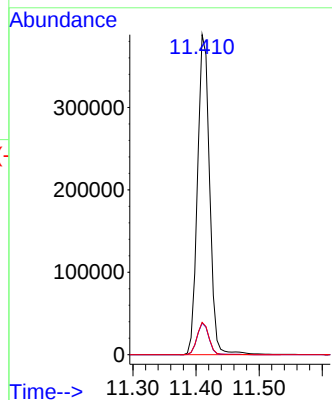
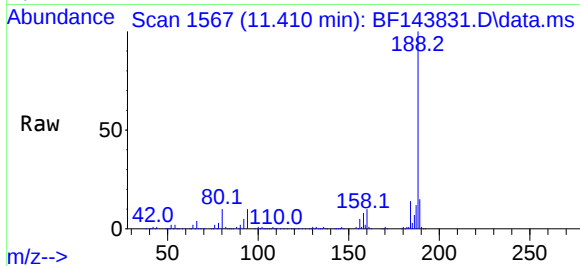




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

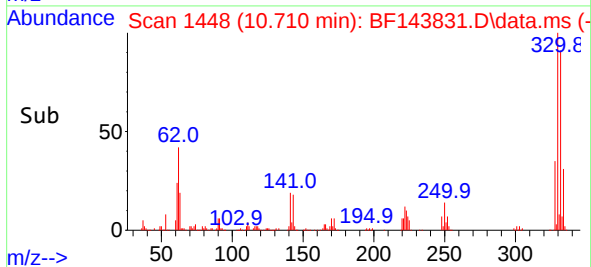
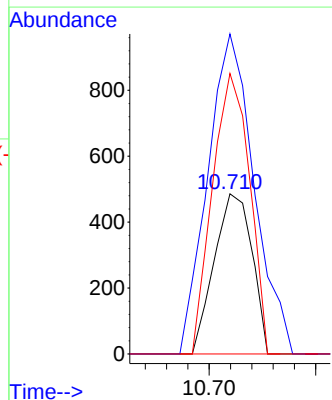
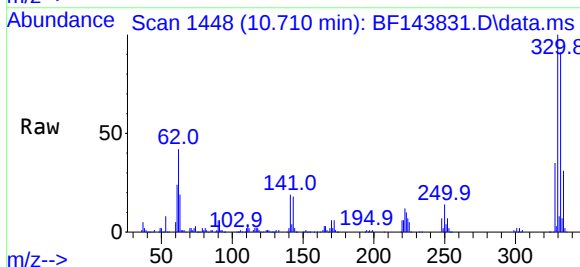
Instrument :
BNA_F
ClientSampleId :
PB169880BL

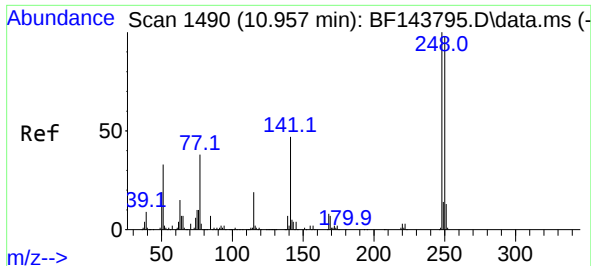
Tgt Ion:188 Resp: 515687
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.1 8.6 12.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.521 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.194 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

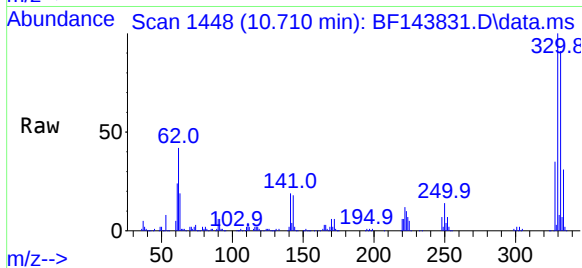
Tgt Ion:198 Resp: 597
Ion Ratio Lower Upper
198 100
51 199.8 52.0 92.0#
105 175.1 27.5 67.5#



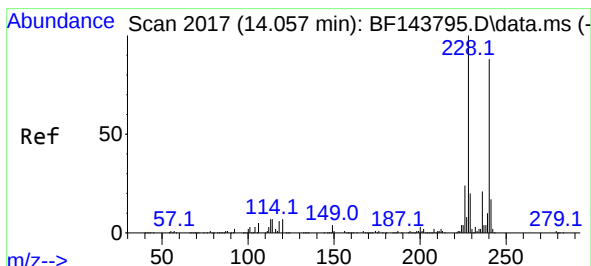
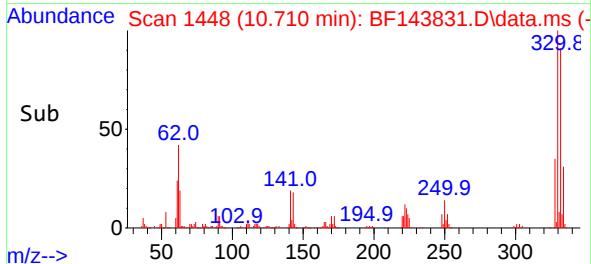
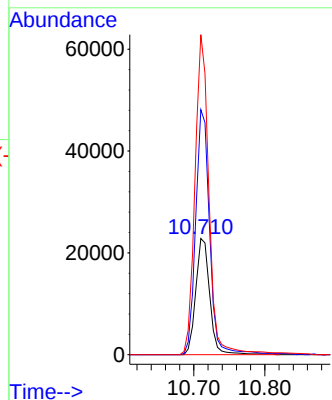


#67
4-Bromophenyl-phenylether
Concen: 3.575 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Instrument :
BNA_F
ClientSampleId :
PB169880BL

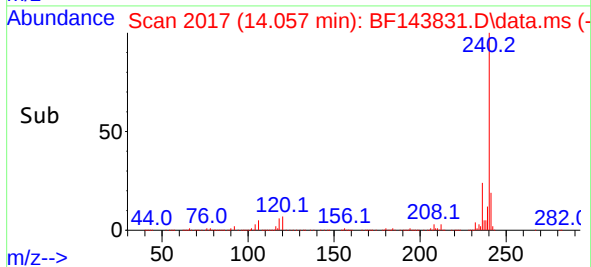
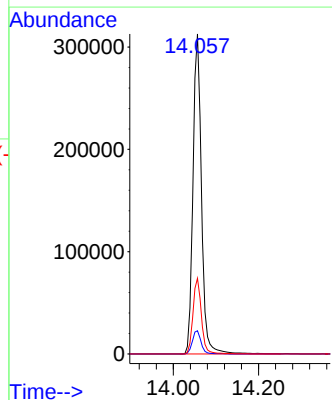
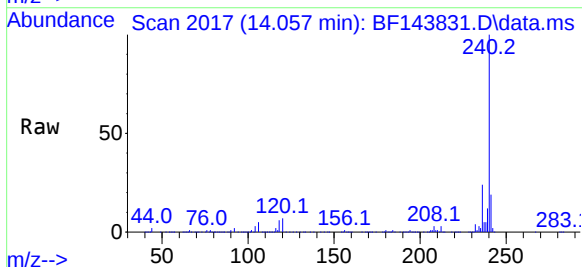


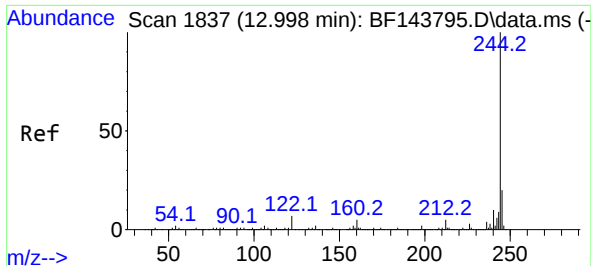
Tgt Ion:248 Resp: 31421
Ion Ratio Lower Upper
248 100
250 210.9 78.7 118.1#
141 275.4 37.9 56.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion:240 Resp: 433966
Ion Ratio Lower Upper
240 100
120 7.3 6.2 9.4
236 23.6 19.4 29.2

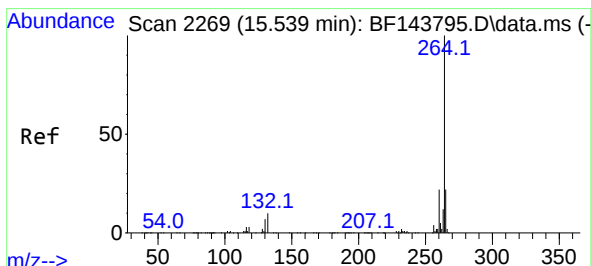
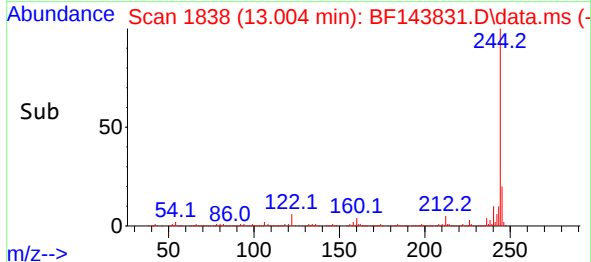
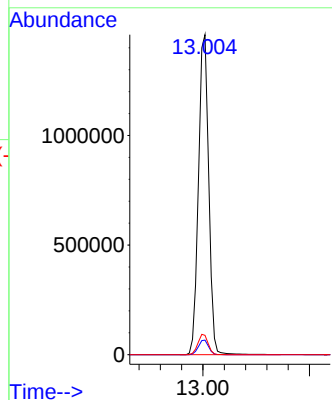
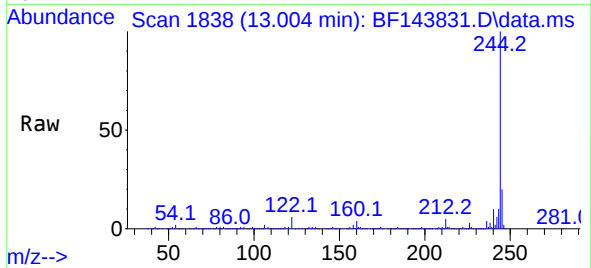




#79
Terphenyl-d14
Concen: 91.725 ng
RT: 13.004 min Scan# 1838
Delta R.T. -0.000 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Instrument :
BNA_F
ClientSampleId :
PB169880BL

Tgt Ion:244 Resp: 1957244
Ion Ratio Lower Upper
244 100
212 4.5 3.9 5.9
122 6.1 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF143831.D
Acq: 30 Sep 2025 14:05

Tgt Ion:264 Resp: 601939
Ion Ratio Lower Upper
264 100
260 22.9 17.9 26.9
265 22.3 17.7 26.5

