

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143360.D
 Acq On : 12 Aug 2025 18:32
 Operator : RC/JU
 Sample : Q2830-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-SOUTH-EAST

Quant Time: Aug 13 01:00:25 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 12 13:25:39 2025
 Response via : Initial Calibration

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

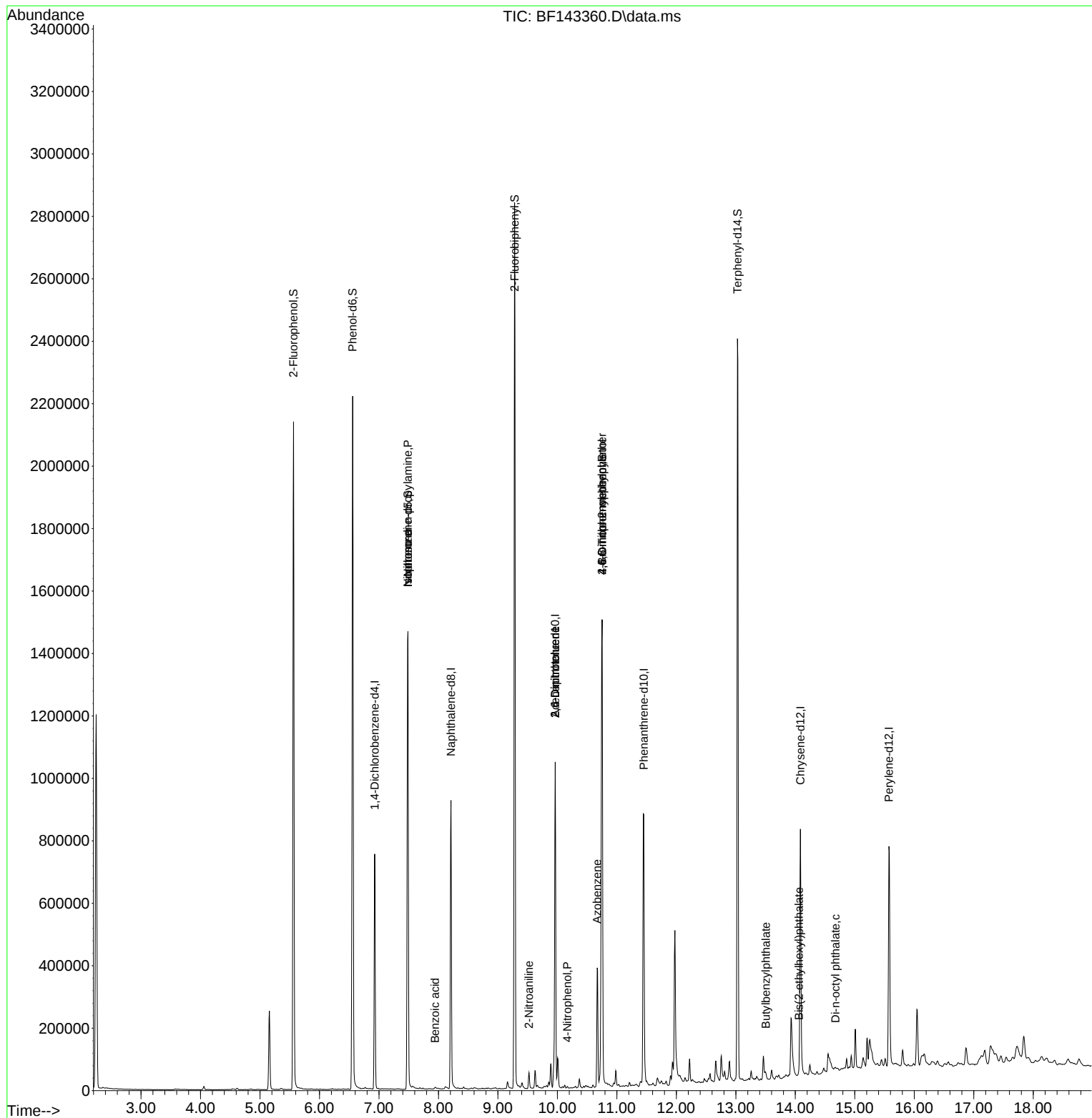
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	147576	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	572006	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	301033	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	452159	20.000	ng	0.00
76) Chrysene-d12	14.086	240	374372	20.000	ng	0.00
86) Perylene-d12	15.574	264	420218	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	767465	89.930	ng	0.00
7) Phenol-d6	6.557	99	998440	91.233	ng	0.00
23) Nitrobenzene-d5	7.486	82	649943	70.758	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	243393	110.632	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1210142	68.169	ng	0.00
79) Terphenyl-d14	13.027	244	1172262	55.904	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	87115	12.883	ng	# 80
25) Isophorone	7.486	82	632223	33.716	ng	# 65
32) Benzoic acid	7.939	122	1475	3.992	ng	# 92
48) 2-Nitroaniline	9.522	65	818	2.925	ng	# 42
51) 2,6-Dinitrotoluene	9.963	165	39873	14.202	ng	# 21
56) 4-Nitrophenol	10.169	139	381	5.600	ng	# 5
57) 2,4-Dinitrotoluene	9.963	165	39866	11.473	ng	# 20
63) Azobenzene	10.669	77	63571	3.532	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.751	198	456	7.473	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	15843	3.064	ng	# 1
80) Butylbenzylphthalate	13.504	149	889	3.484	ng	# 58
84) Bis(2-ethylhexyl)phtha...	14.062	149	5171	4.509	ng	# 92
85) Di-n-octyl phthalate	14.674	149	661	6.056	ng	# 1

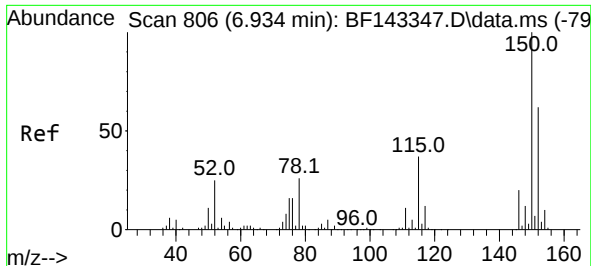
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
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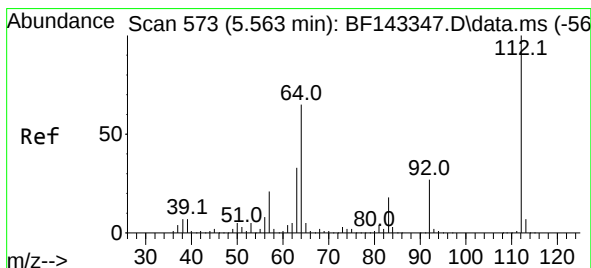
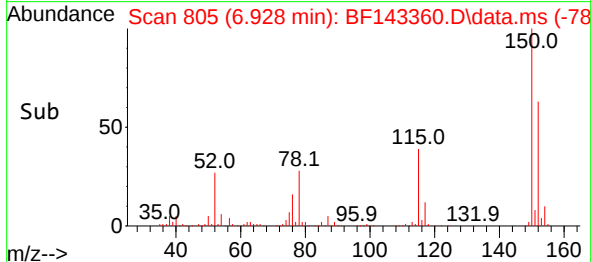
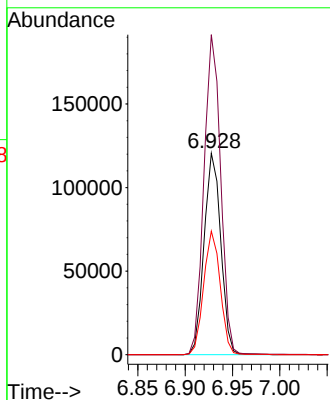
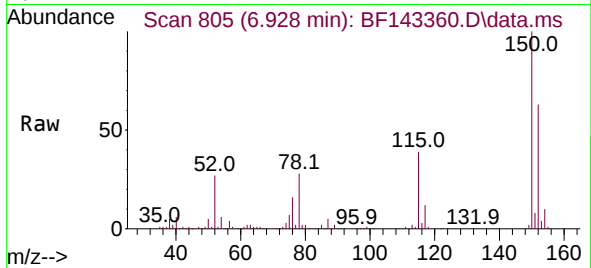




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

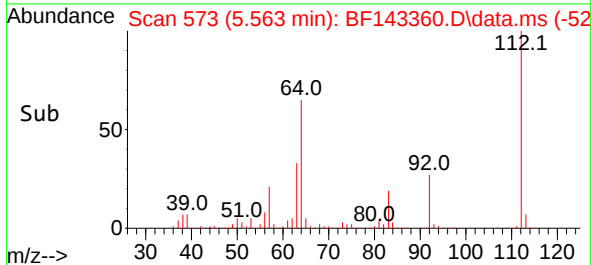
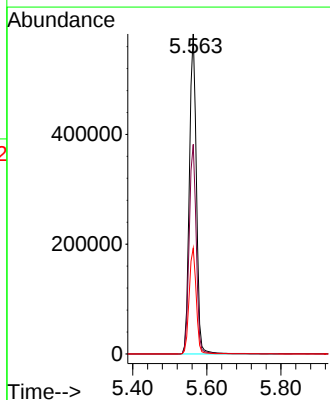
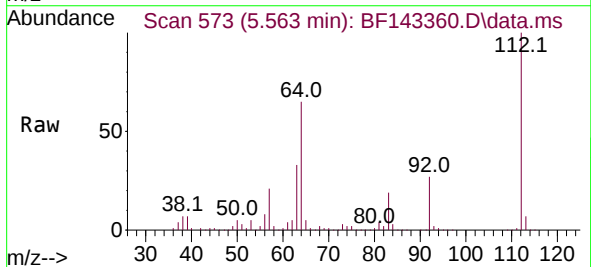
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

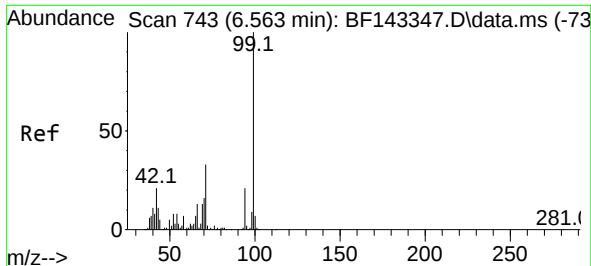
Tgt Ion:152 Resp: 147576
Ion Ratio Lower Upper
152 100
150 158.9 129.8 194.8
115 61.4 47.8 71.8



#5
2-Fluorophenol
Concen: 89.930 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion:112 Resp: 767465
Ion Ratio Lower Upper
112 100
64 65.5 52.1 78.1
63 33.1 26.6 39.8

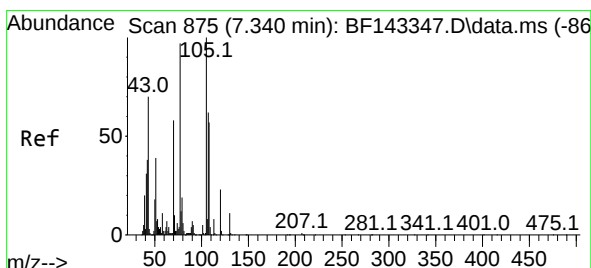
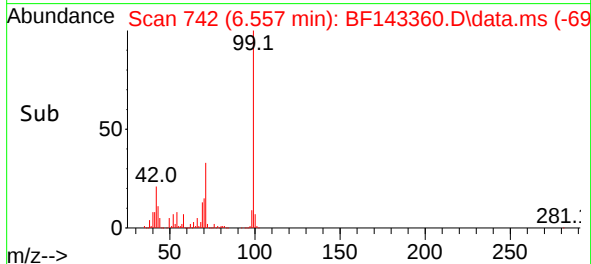
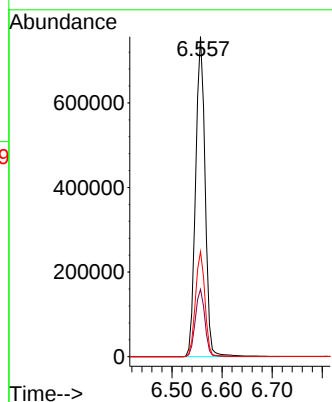
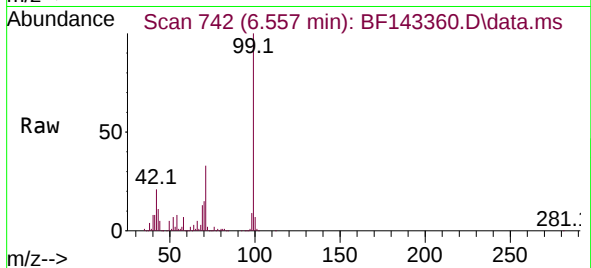




#7
Phenol-d6
Concen: 91.233 ng
RT: 6.557 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

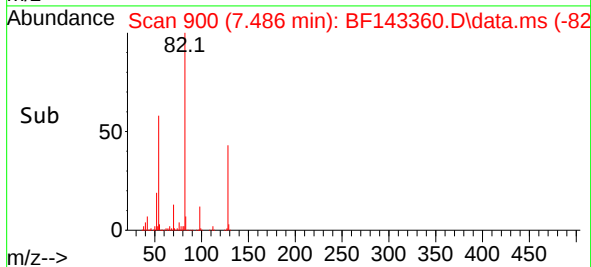
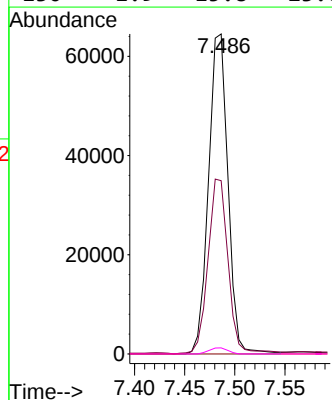
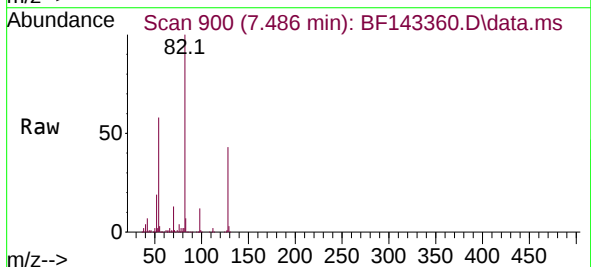
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

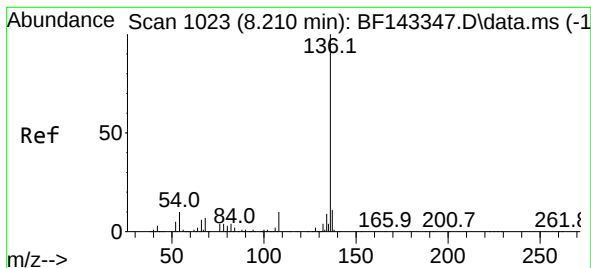
Tgt Ion: 99 Resp: 998440
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 32.8 26.2 39.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.883 ng
RT: 7.486 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion: 70 Resp: 87115
Ion Ratio Lower Upper
70 100
42 54.1 51.6 77.4
101 0.0 7.5 11.3#
130 1.9 15.8 23.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.210 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143360.D

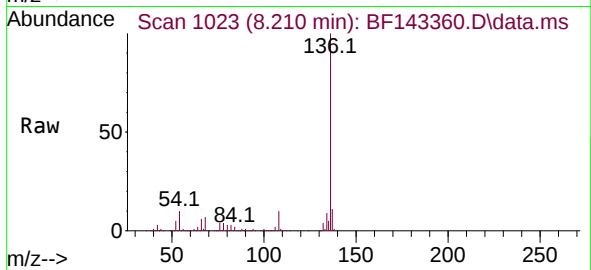
Acq: 12 Aug 2025 18:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-SOUTH-EAST



Tgt Ion:136 Resp: 572006

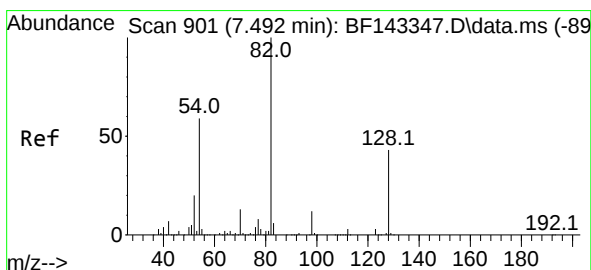
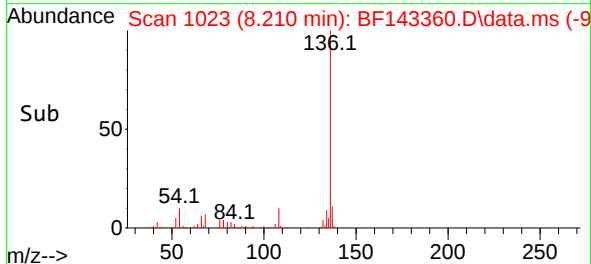
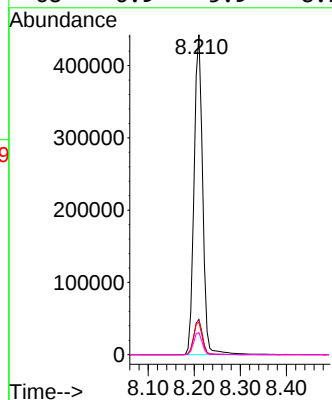
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 10.2 8.4 12.6

68 6.9 5.9 8.9



#23

Nitrobenzene-d5

Concen: 70.758 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF143360.D

Acq: 12 Aug 2025 18:32

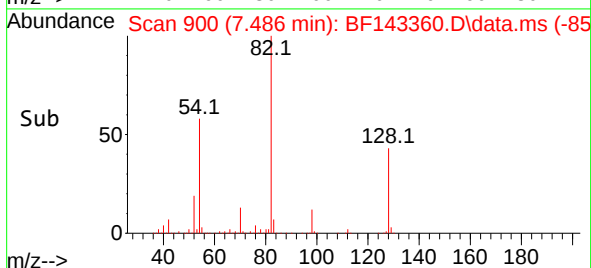
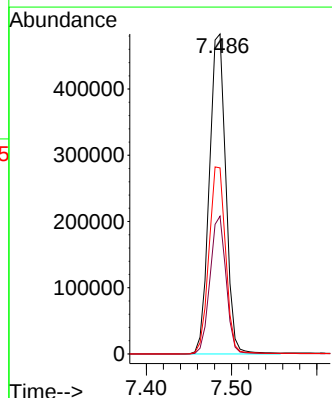
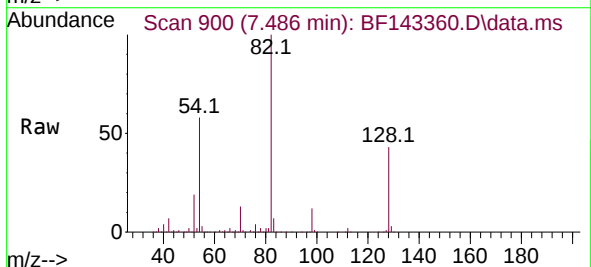
Tgt Ion: 82 Resp: 649943

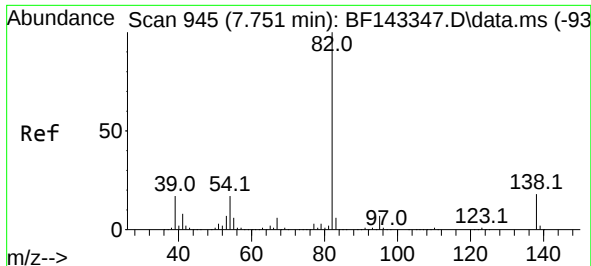
Ion Ratio Lower Upper

82 100

128 43.0 33.5 50.3

54 58.1 46.7 70.1

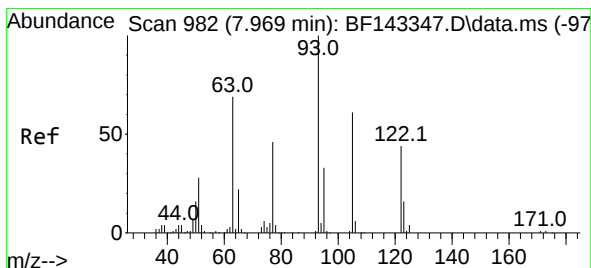
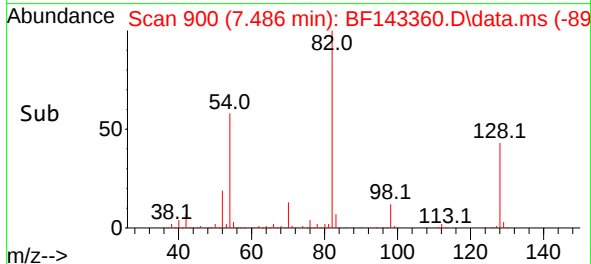
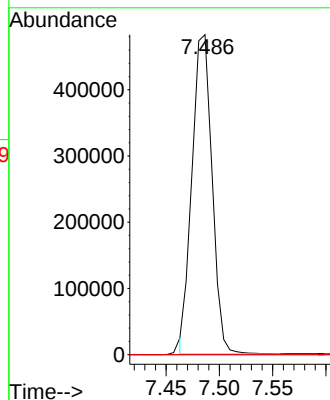
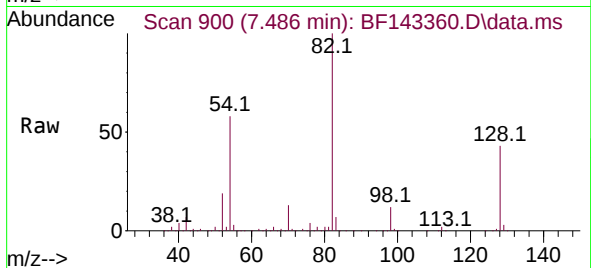




#25
Isophorone
Concen: 33.716 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

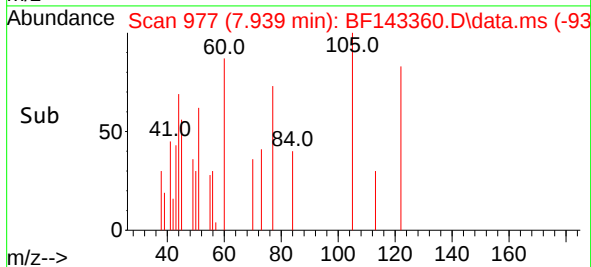
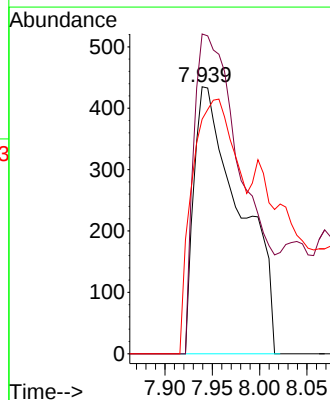
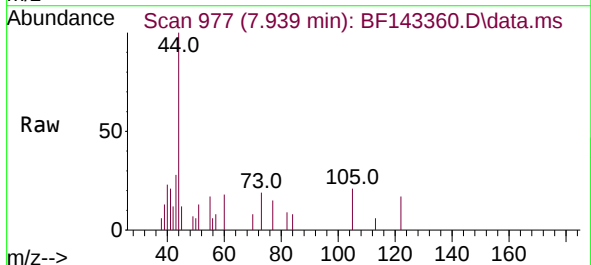
Instrument :
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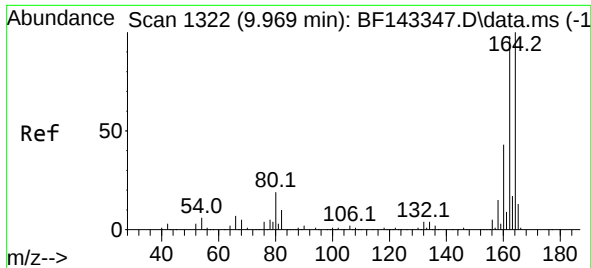
Tgt Ion: 82 Resp: 632223
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 3.992 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.030 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion:122 Resp: 1475
Ion Ratio Lower Upper
122 100
105 119.8 106.4 146.4
77 87.8 79.2 119.2

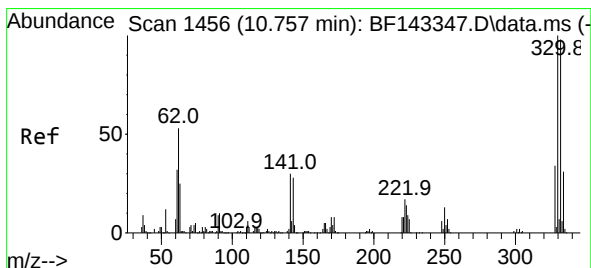
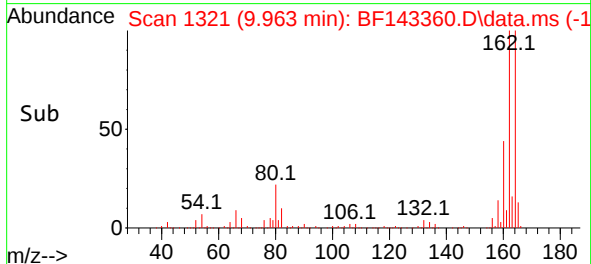
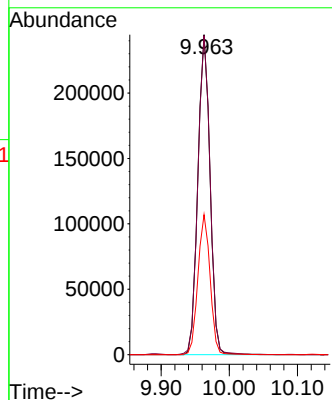
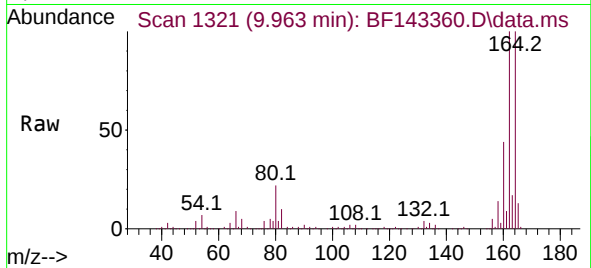




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

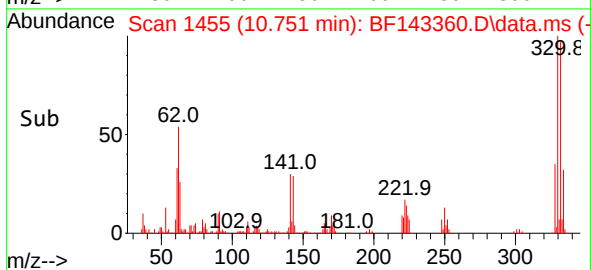
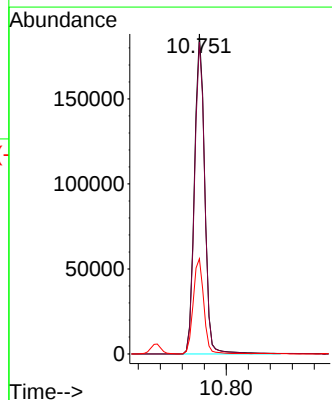
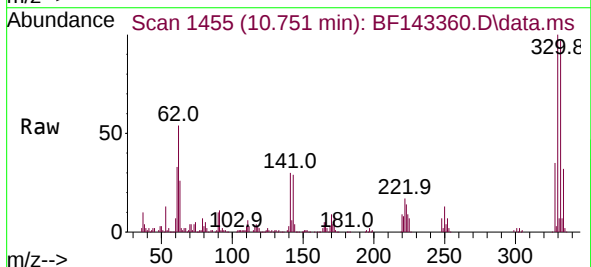
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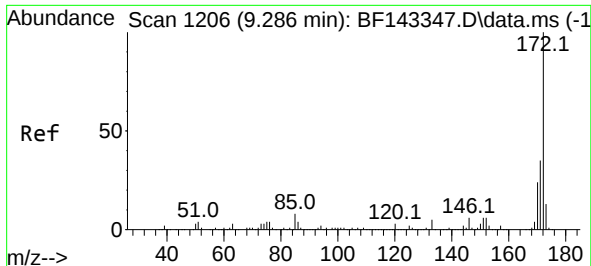
Tgt Ion:164 Resp: 301033
Ion Ratio Lower Upper
164 100
162 99.8 78.6 118.0
160 43.8 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 110.632 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion:330 Resp: 243393
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 30.8 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 68.169 ng

RT: 9.280 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF143360.D

Acq: 12 Aug 2025 18:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-SOUTH-EAST

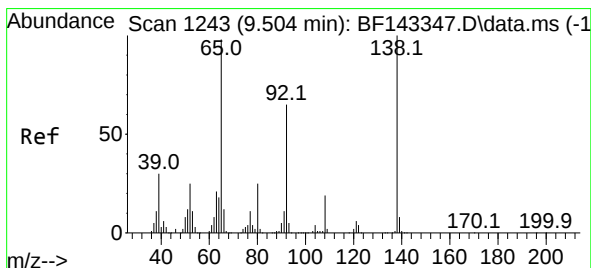
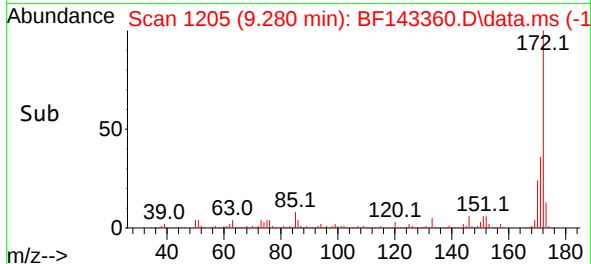
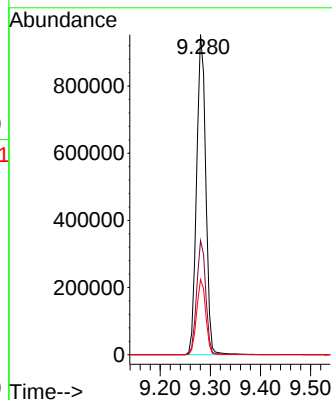
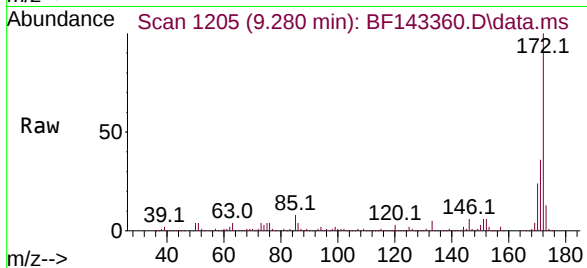
Tgt Ion:172 Resp: 1210142

Ion Ratio Lower Upper

172 100

171 35.7 28.4 42.6

170 23.5 19.1 28.7



#48

2-Nitroaniline

Concen: 2.925 ng

RT: 9.522 min Scan# 1246

Delta R.T. 0.018 min

Lab File: BF143360.D

Acq: 12 Aug 2025 18:32

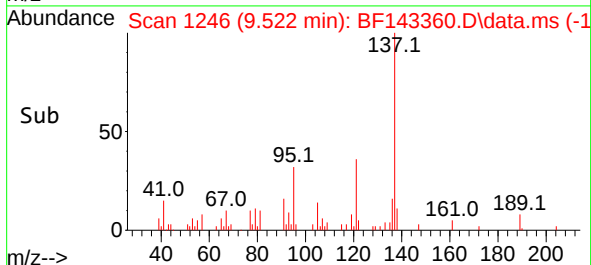
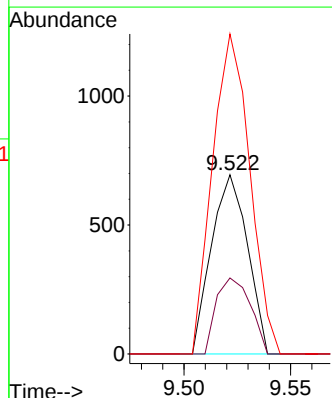
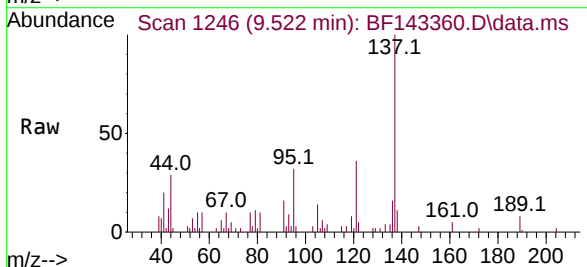
Tgt Ion: 65 Resp: 818

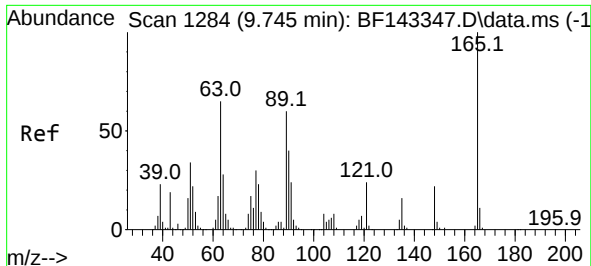
Ion Ratio Lower Upper

65 100

92 42.4 53.1 79.7#

138 178.6 81.4 122.0#





#51

2,6-Dinitrotoluene

Concen: 14.202 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF143360.D

Acq: 12 Aug 2025 18:32

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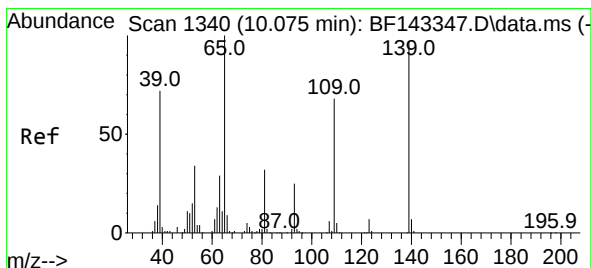
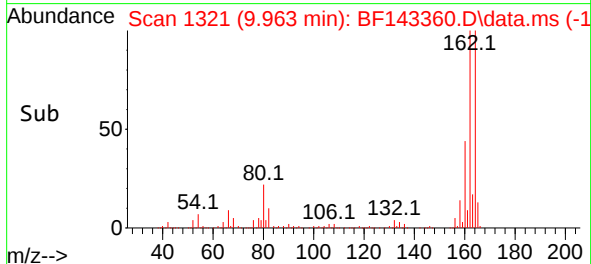
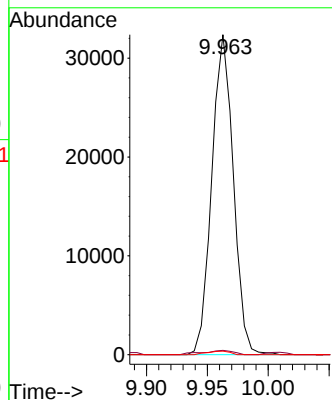
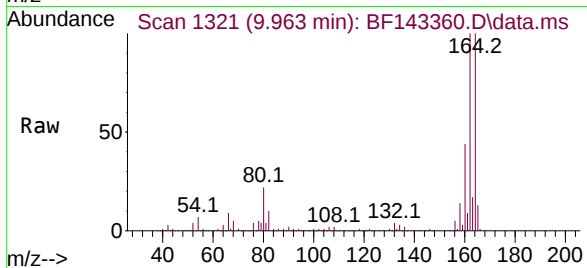
Tgt Ion:165 Resp: 39873

Ion Ratio Lower Upper

165 100

63 1.4 51.6 77.4#

89 1.1 47.7 71.5#



#56

4-Nitrophenol

Concen: 5.600 ng

RT: 10.169 min Scan# 1356

Delta R.T. 0.094 min

Lab File: BF143360.D

Acq: 12 Aug 2025 18:32

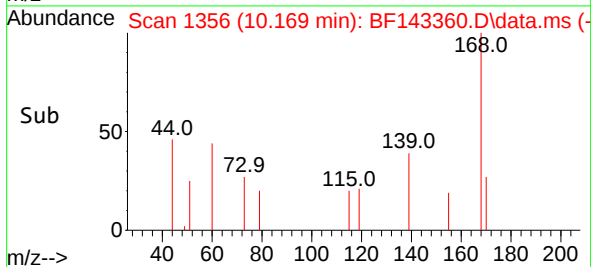
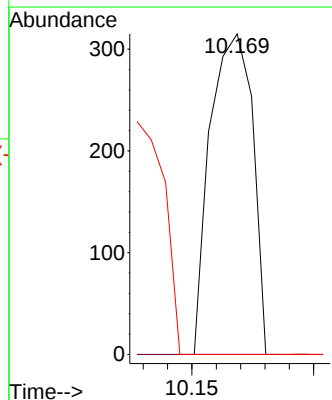
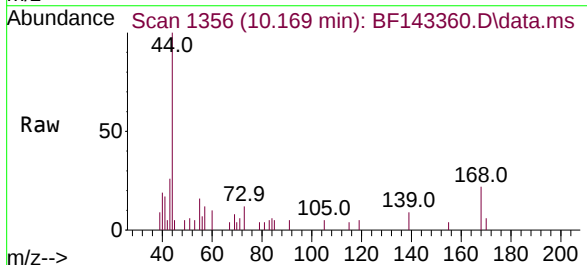
Tgt Ion:139 Resp: 381

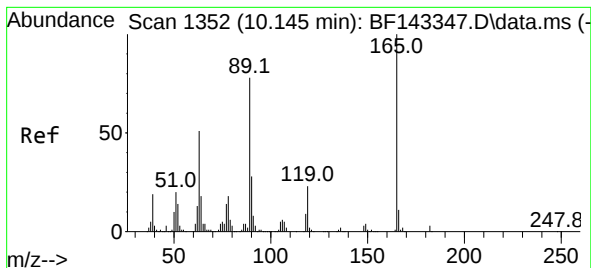
Ion Ratio Lower Upper

139 100

109 0.0 49.4 89.4#

65 0.0 83.7 123.7#

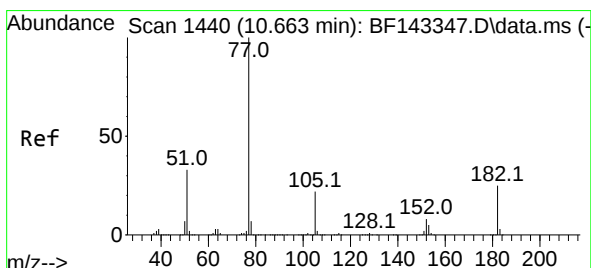
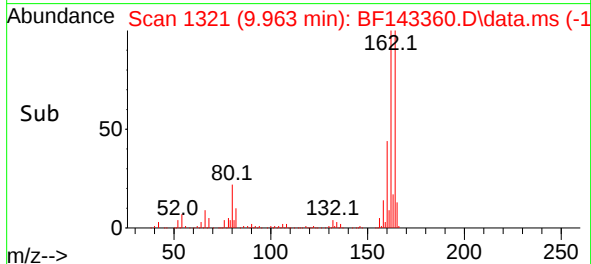
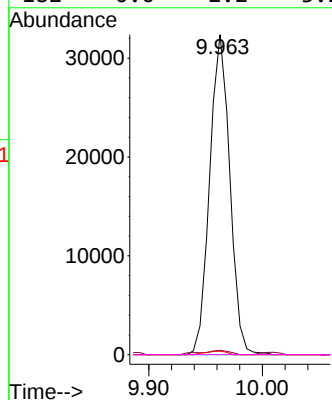
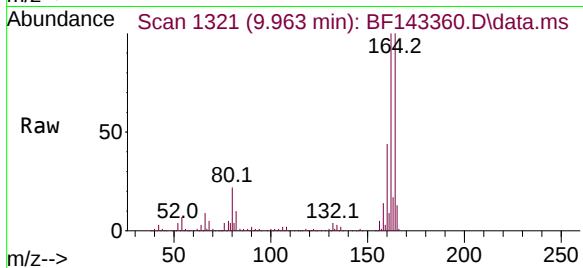




#57
2,4-Dinitrotoluene
Concen: 11.473 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

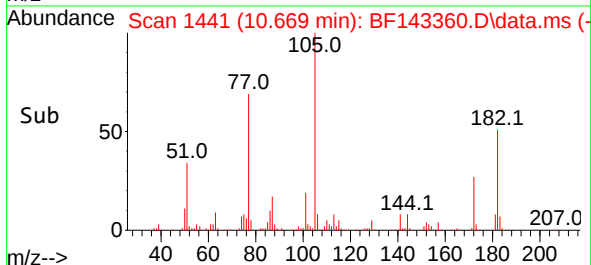
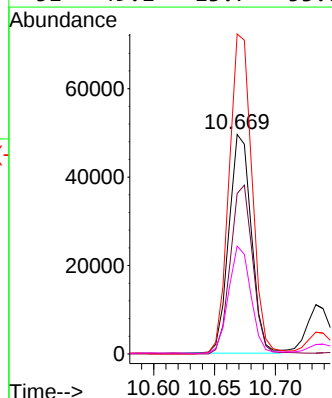
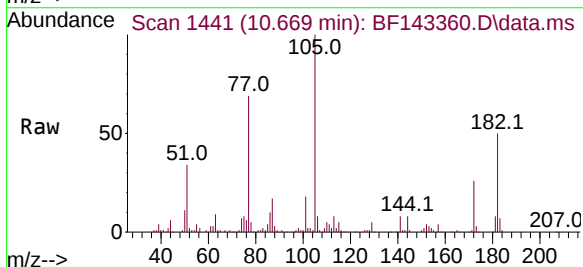
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

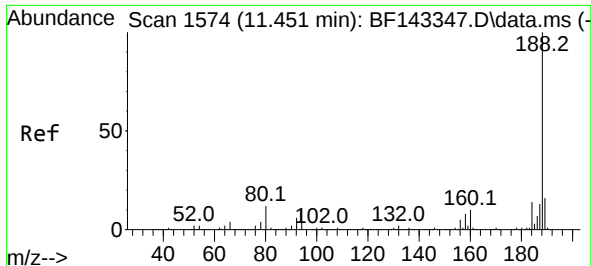
Tgt Ion:165 Resp: 39866
Ion Ratio Lower Upper
165 100
63 1.4 41.8 62.8#
89 1.1 62.4 93.6#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 3.532 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion: 77 Resp: 63571
Ion Ratio Lower Upper
77 100
182 73.1 4.4 44.4#
105 145.8 1.8 41.8#
51 49.1 13.7 53.7

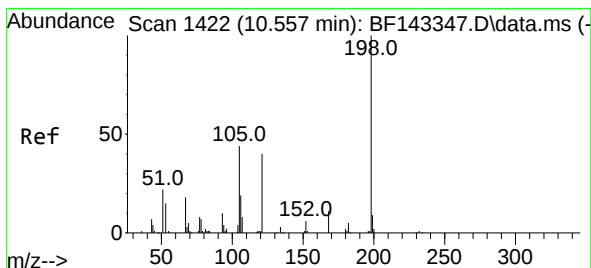
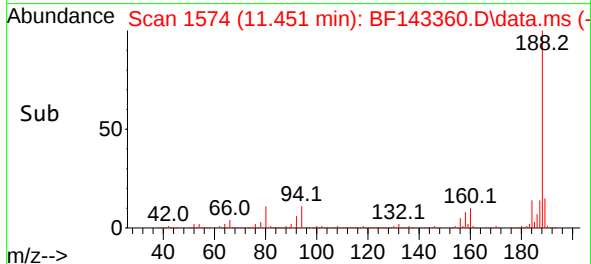
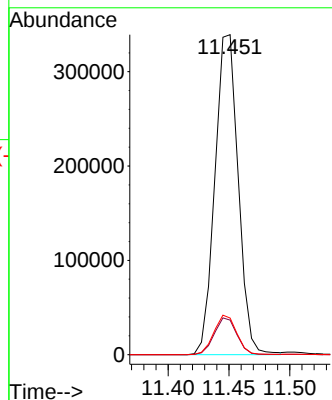
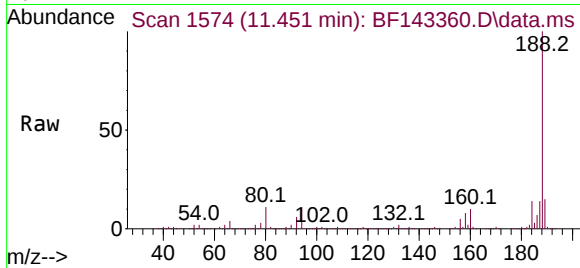




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

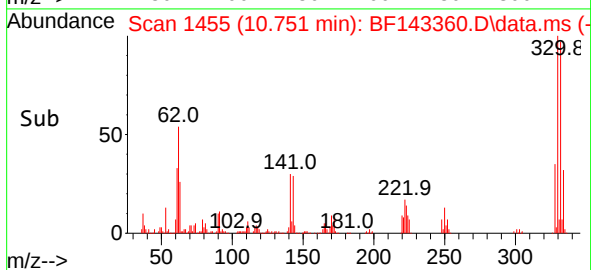
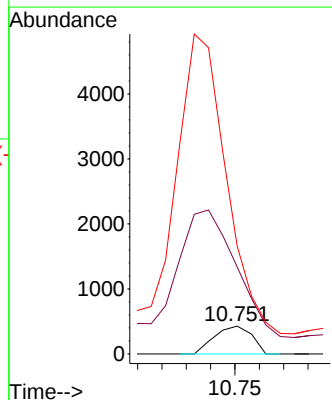
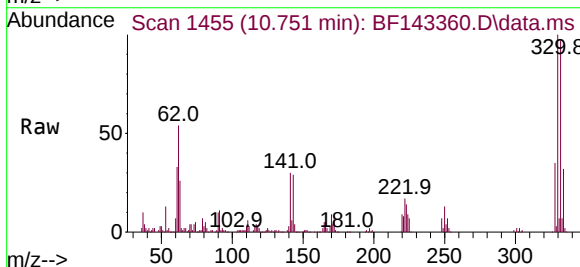
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

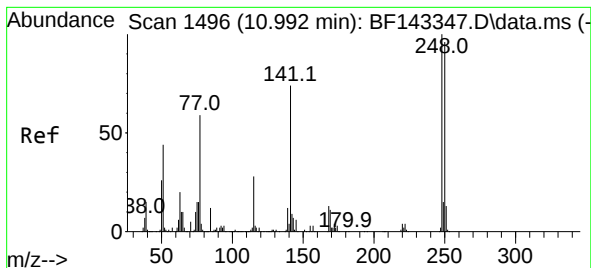
Tgt Ion:188 Resp: 452159
Ion Ratio Lower Upper
188 100
94 10.8 8.8 13.2
80 11.5 9.7 14.5



#65
4,6-Dinitro-2-methylphenol
Concen: 7.473 ng
RT: 10.751 min Scan# 1455
Delta R.T. 0.194 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion:198 Resp: 456
Ion Ratio Lower Upper
198 100
51 313.6 41.7 81.7#
105 389.0 26.8 66.8#

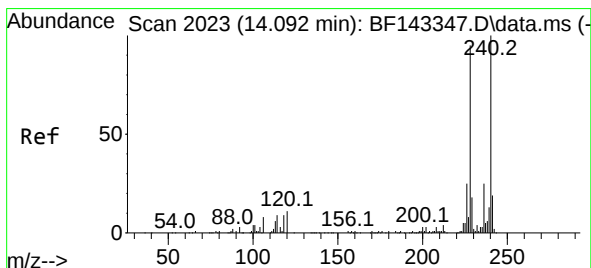
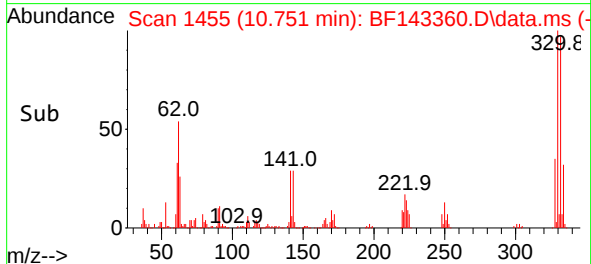
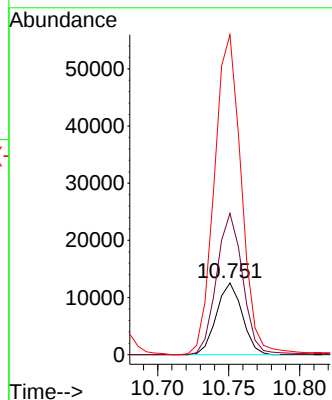
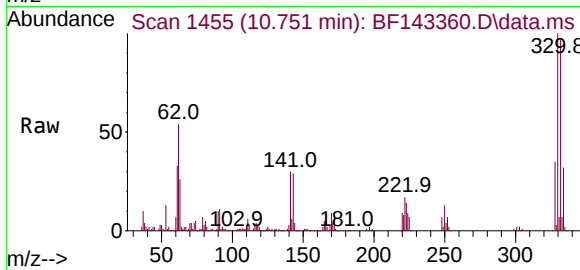




#67
4-Bromophenyl-phenylether
Concen: 3.064 ng
RT: 10.751 min Scan# 1496
Delta R.T. -0.241 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

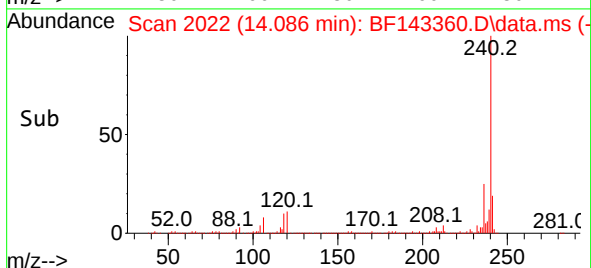
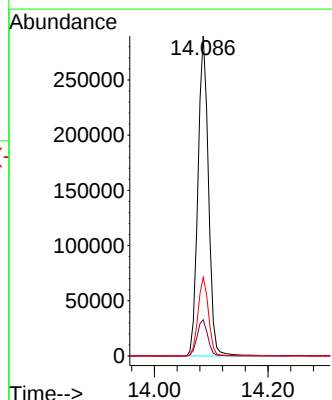
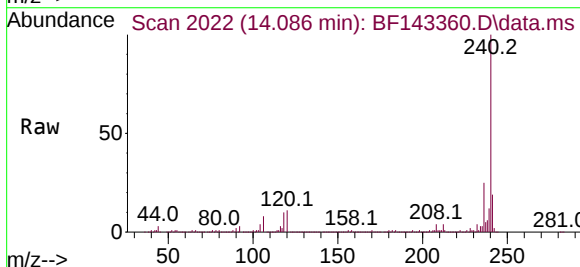
Instrument : BNA_F
ClientSampleId : BIN0009-DRIVEWAY-TP-SOUTH-EAST

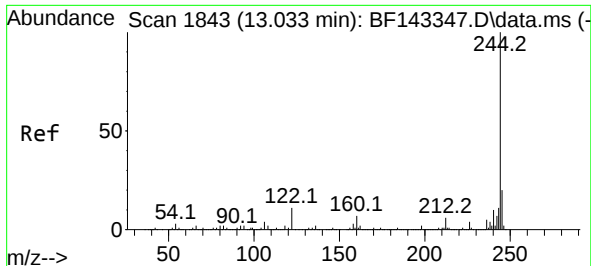
Tgt Ion:248 Resp: 15843
Ion Ratio Lower Upper
248 100
250 197.0 77.1 115.7#
141 446.5 59.1 88.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion:240 Resp: 374372
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.6
236 24.6 19.9 29.9

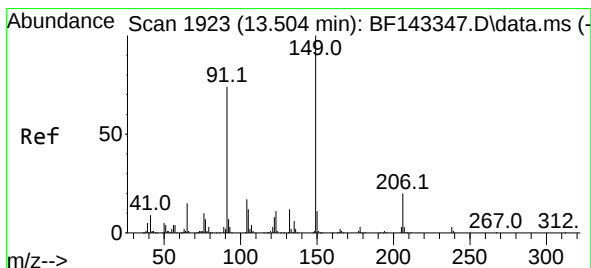
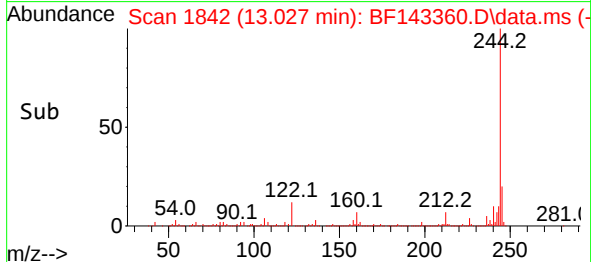
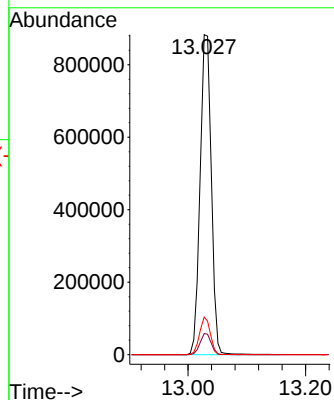
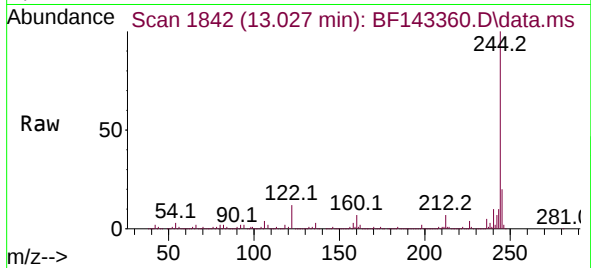




#79
Terphenyl-d14
Concen: 55.904 ng
RT: 13.027 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

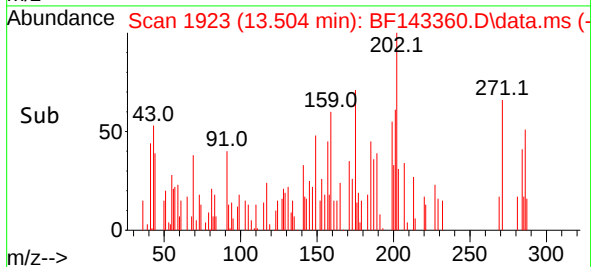
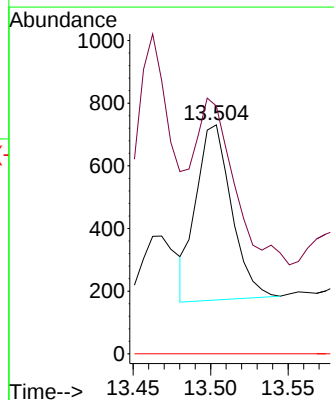
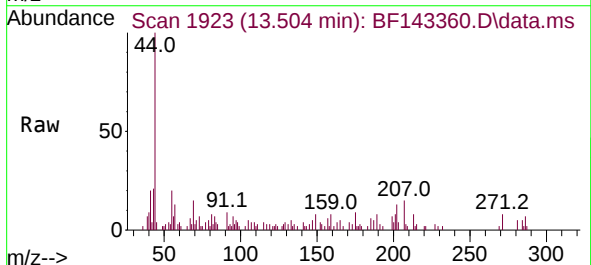
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST

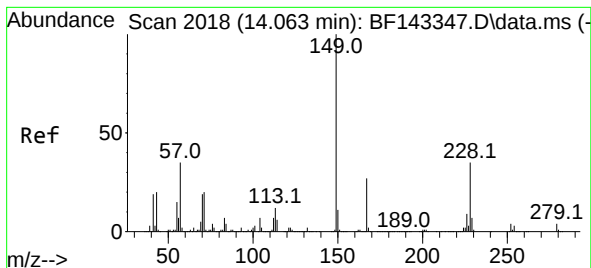
Tgt Ion:244 Resp: 1172262
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 11.7 8.9 13.3



#80
Butylbenzylphthalate
Concen: 3.484 ng
RT: 13.504 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Tgt Ion:149 Resp: 889
Ion Ratio Lower Upper
149 100
91 108.2 58.8 88.2#
206 0.0 16.4 24.6#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.509 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.001 min

Lab File: BF143360.D

Acq: 12 Aug 2025 18:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-SOUTH-EAST

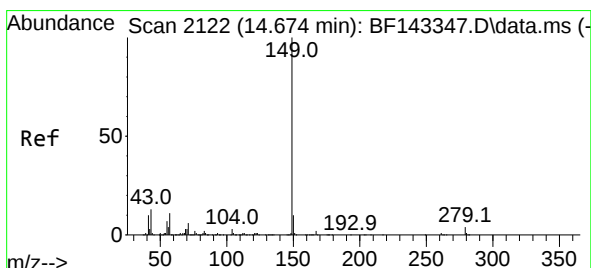
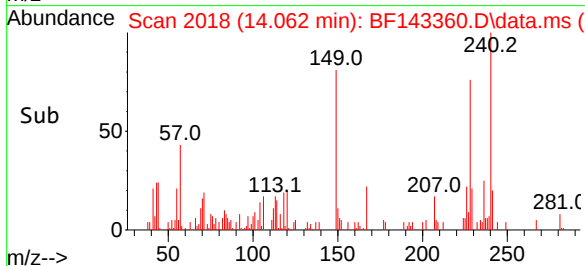
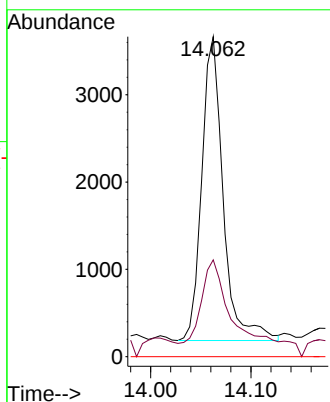
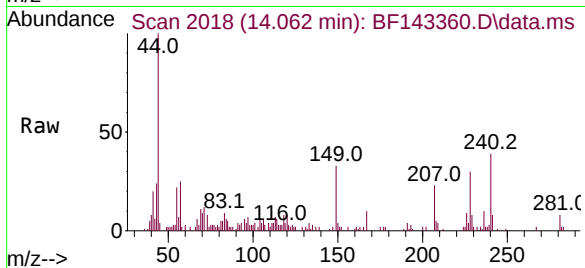
Tgt Ion:149 Resp: 5171

Ion Ratio Lower Upper

149 100

167 30.3 21.4 32.0

279 0.0 3.2 4.8#



#85

Di-n-octyl phthalate

Concen: 6.056 ng

RT: 14.674 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF143360.D

Acq: 12 Aug 2025 18:32

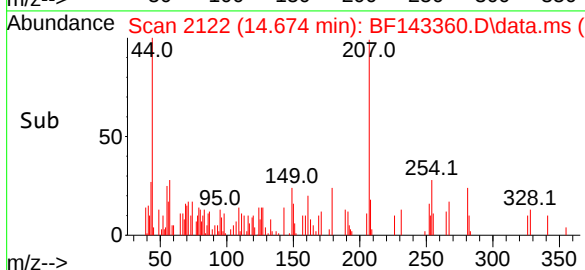
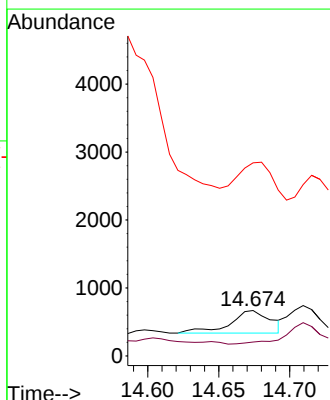
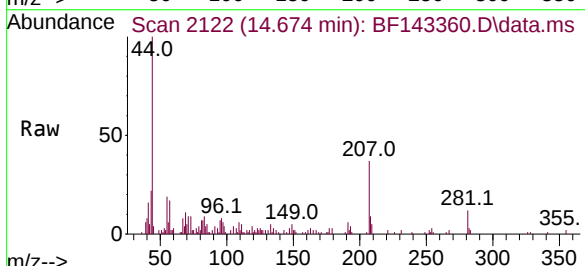
Tgt Ion:149 Resp: 661

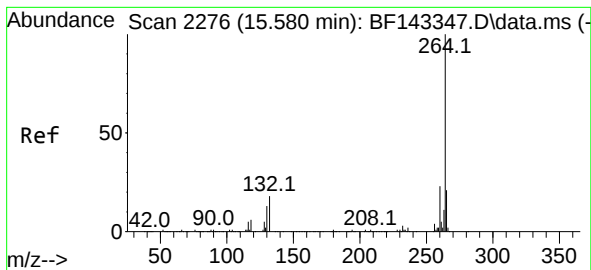
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

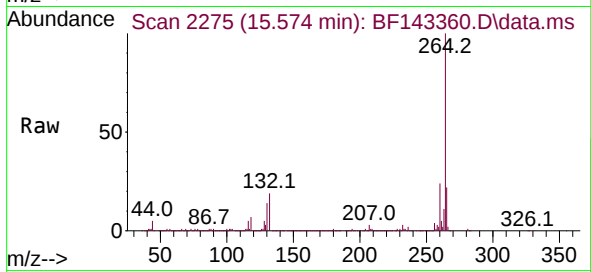
43 205.7 10.8 16.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143360.D
Acq: 12 Aug 2025 18:32

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-SOUTH-EAST



Tgt Ion:264 Resp: 420218

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	22.1	17.2	25.8

