

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143362.D
 Acq On : 12 Aug 2025 19:32
 Operator : RC/JU
 Sample : Q2830-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WESTSIDE

Quant Time: Aug 13 01:01:02 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)

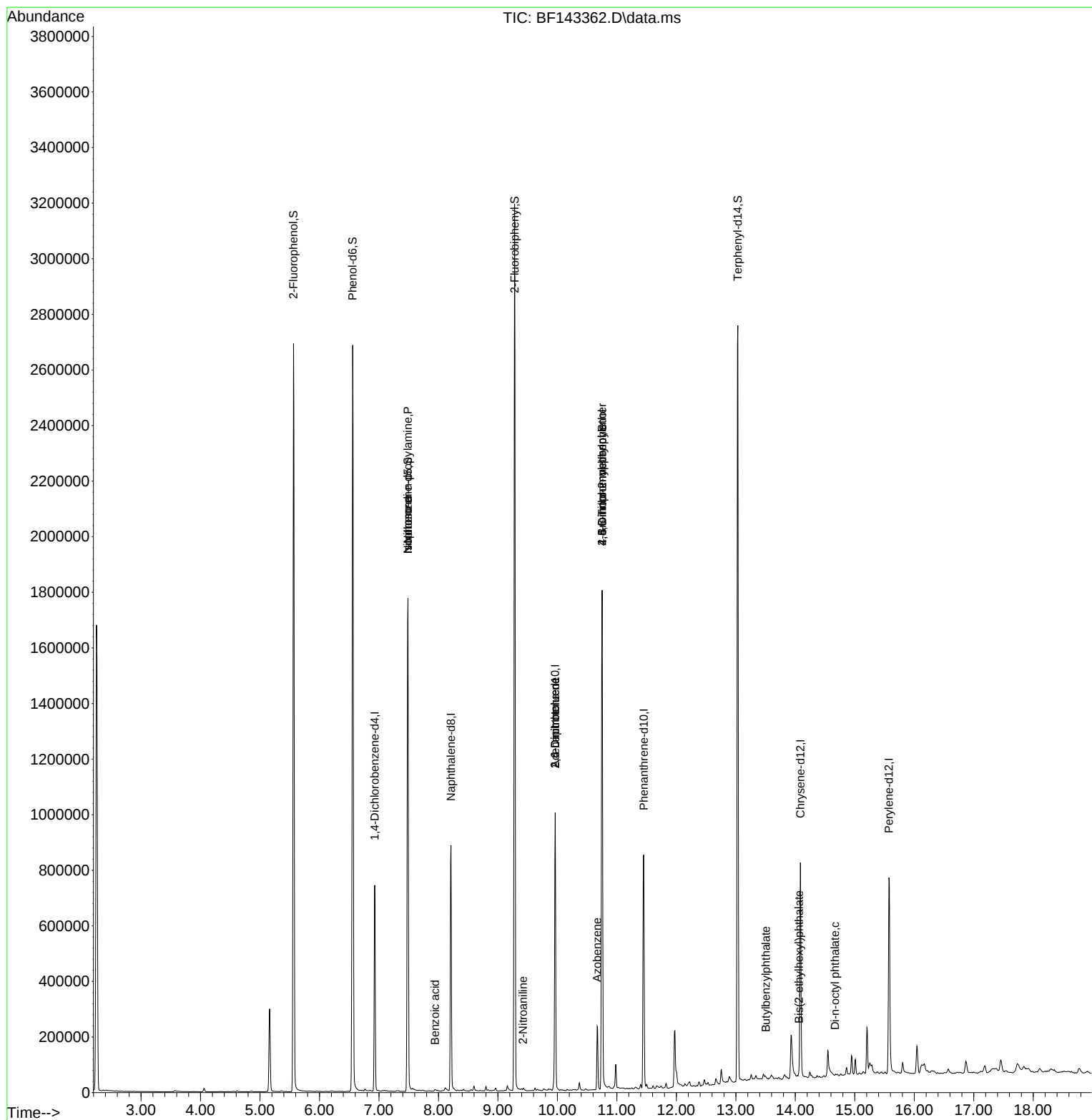
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	148277	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	559429	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	289577	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	434333	20.000	ng	0.00
76) Chrysene-d12	14.086	240	367974	20.000	ng	0.00
86) Perylene-d12	15.574	264	418007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	975862	113.808	ng	0.00
7) Phenol-d6	6.557	99	1258832	114.483	ng	0.00
23) Nitrobenzene-d5	7.486	82	781549	86.999	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	311566	147.223	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1376768	80.623	ng	0.00
79) Terphenyl-d14	13.033	244	1356864	65.832	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	105889	15.585	ng	# 79
25) Isophorone	7.486	82	759868	41.434	ng	# 65
32) Benzoic acid	7.939	122	972	3.818	ng	# 88
48) 2-Nitroaniline	9.422	65	111	2.788	ng	# 6
51) 2,6-Dinitrotoluene	9.963	165	36950	13.790	ng	# 21
57) 2,4-Dinitrotoluene	9.963	165	36950	11.164	ng	# 20
63) Azobenzene	10.669	77	58543	3.382	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.751	198	680	7.589	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	19907	4.008	ng	# 1
80) Butylbenzylphthalate	13.504	149	756	3.466	ng	# 36
84) Bis(2-ethylhexyl)phtha...	14.062	149	6860	4.691	ng	# 96
85) Di-n-octyl phthalate	14.668	149	801	6.064	ng	# 70

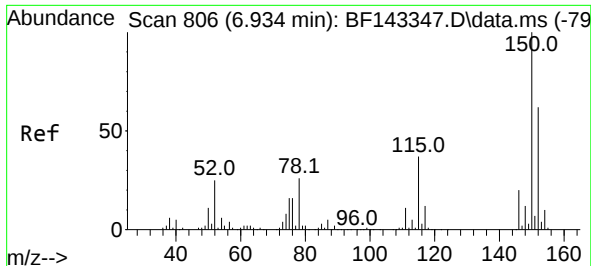
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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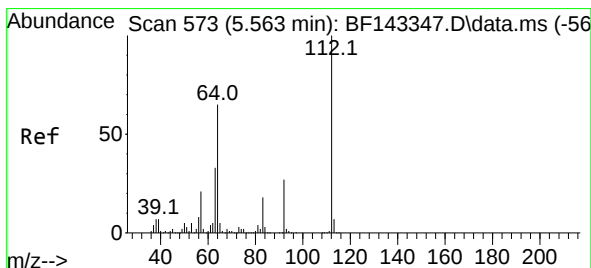
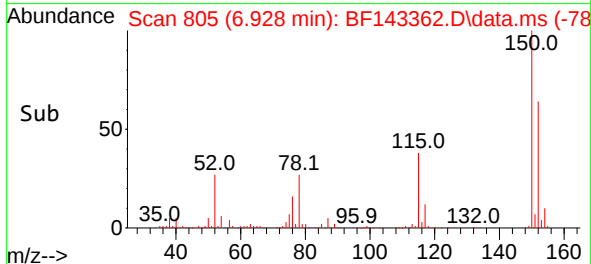
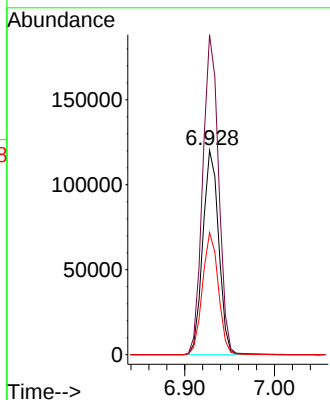
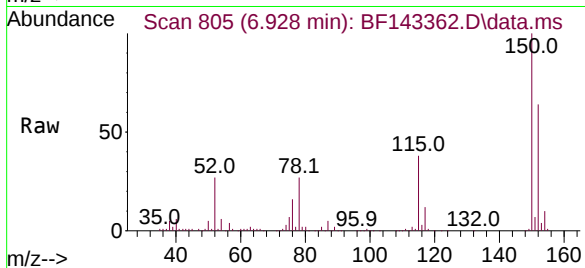




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 806
 Delta R.T. -0.006 min
 Lab File: BF143362.D
 Acq: 12 Aug 2025 19:32

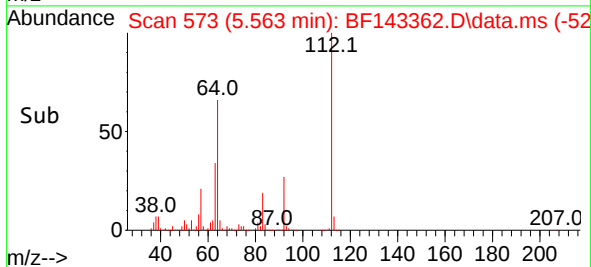
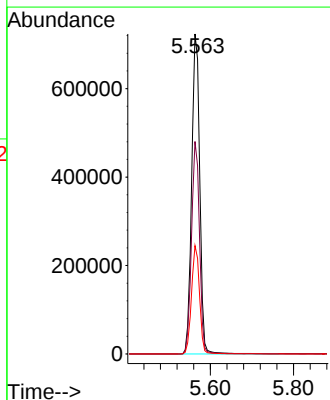
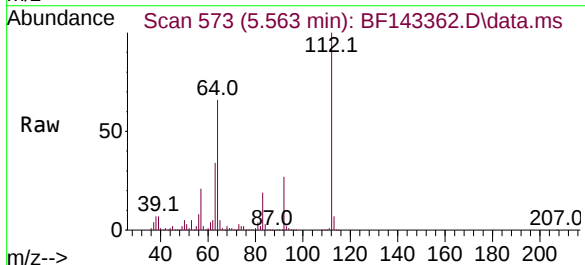
Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-WESTSIDE

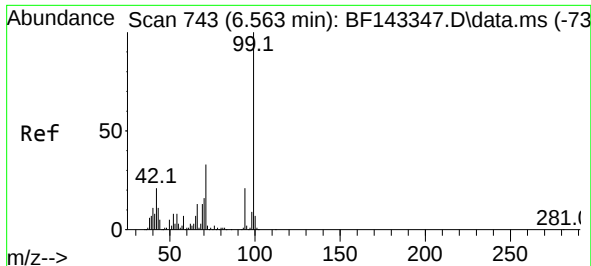
Tgt Ion:152 Resp: 148277
 Ion Ratio Lower Upper
 152 100
 150 156.6 129.8 194.8
 115 59.7 47.8 71.8



#5
 2-Fluorophenol
 Concen: 113.808 ng
 RT: 5.563 min Scan# 573
 Delta R.T. -0.000 min
 Lab File: BF143362.D
 Acq: 12 Aug 2025 19:32

Tgt Ion:112 Resp: 975862
 Ion Ratio Lower Upper
 112 100
 64 66.4 52.1 78.1
 63 33.9 26.6 39.8

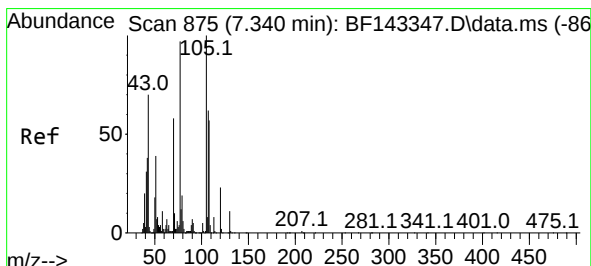
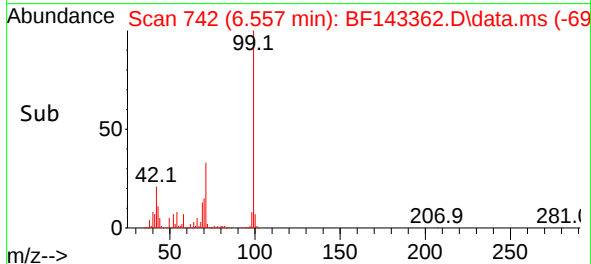
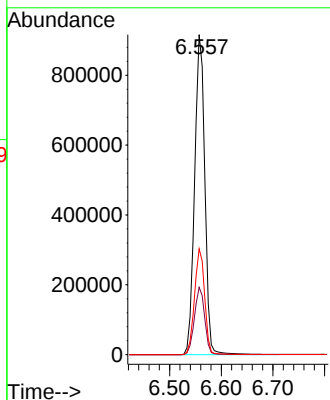
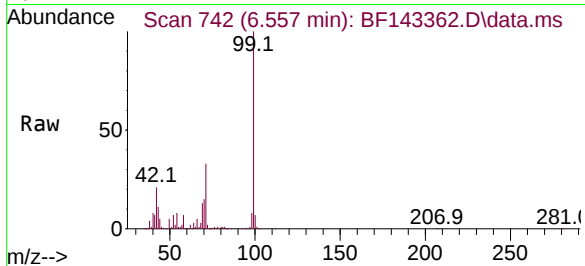




#7
Phenol-d6
Concen: 114.483 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

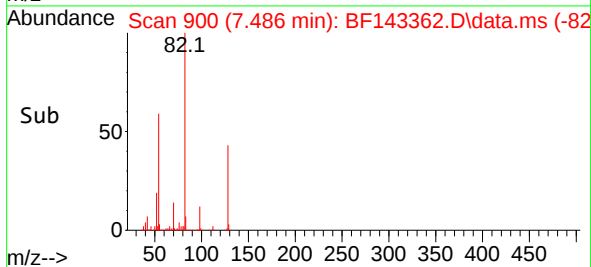
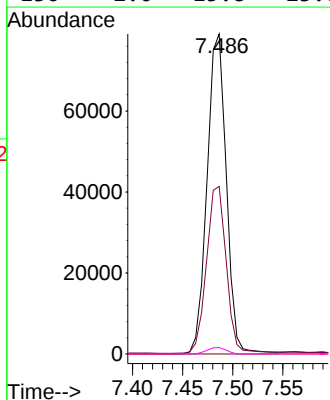
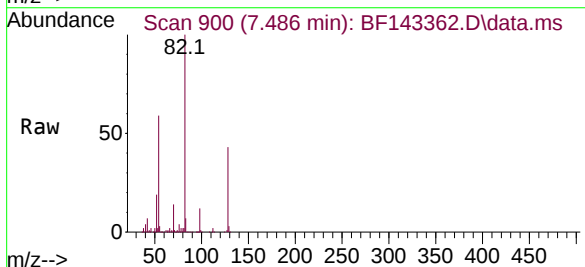
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

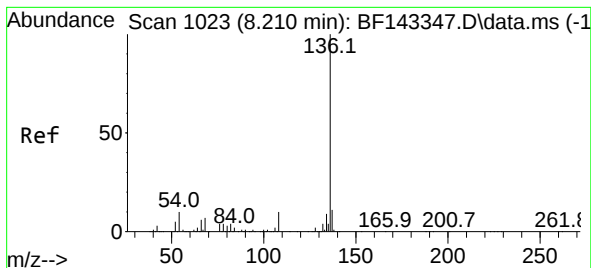
Tgt Ion: 99 Resp: 1258832
Ion Ratio Lower Upper
99 100
42 21.1 16.6 25.0
71 33.1 26.2 39.2



#19
n-Nitroso-di-n-propylamine
Concen: 15.585 ng
RT: 7.486 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

Tgt Ion: 70 Resp: 105889
Ion Ratio Lower Upper
70 100
42 52.3 51.6 77.4
101 0.0 7.5 11.3#
130 2.0 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: BF143362.D

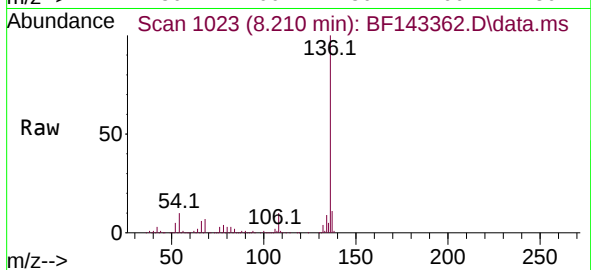
Acq: 12 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE



Tgt Ion:136 Resp: 559429

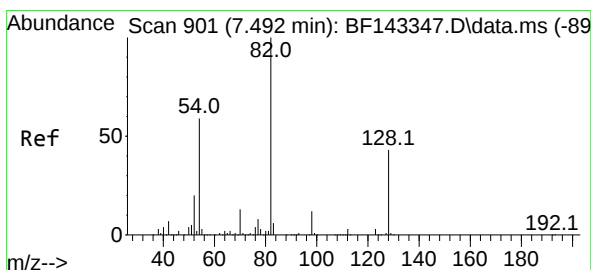
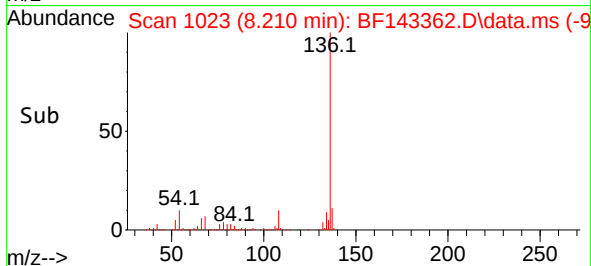
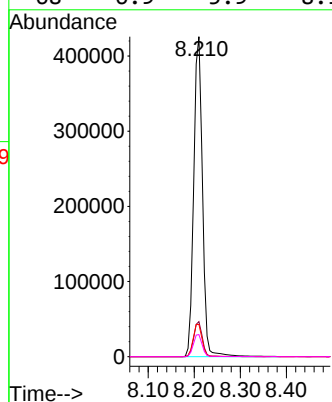
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 10.1 8.4 12.6

68 6.9 5.9 8.9



#23

Nitrobenzene-d5

Concen: 86.999 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.006 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

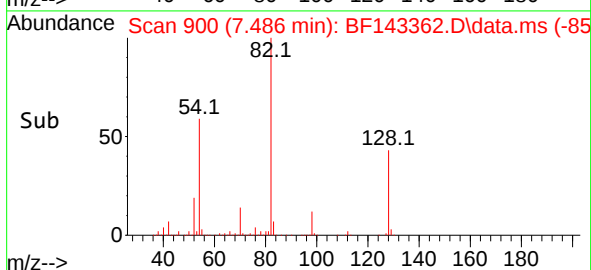
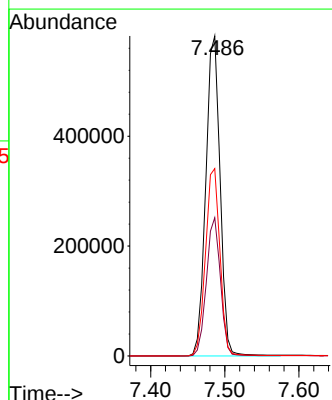
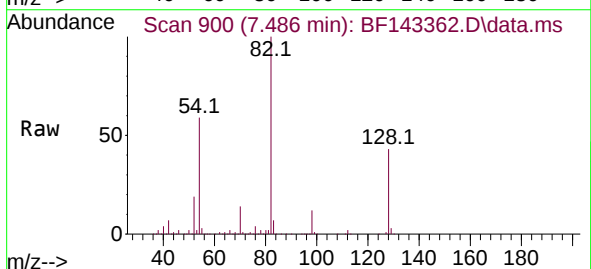
Tgt Ion: 82 Resp: 781549

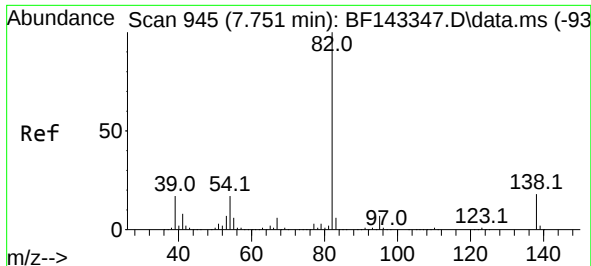
Ion Ratio Lower Upper

82 100

128 43.2 33.5 50.3

54 58.5 46.7 70.1

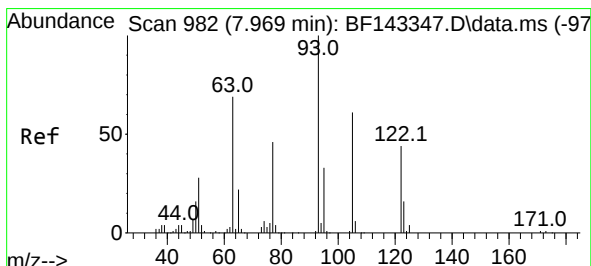
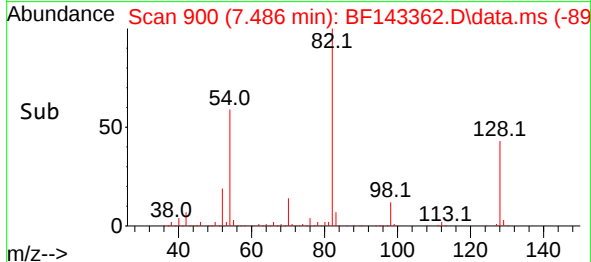
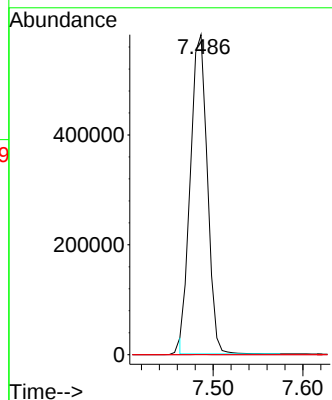
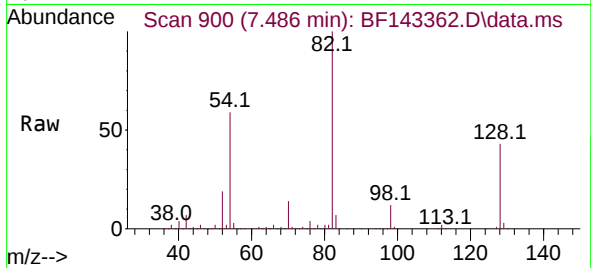




#25
Isophorone
Concen: 41.434 ng
RT: 7.486 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

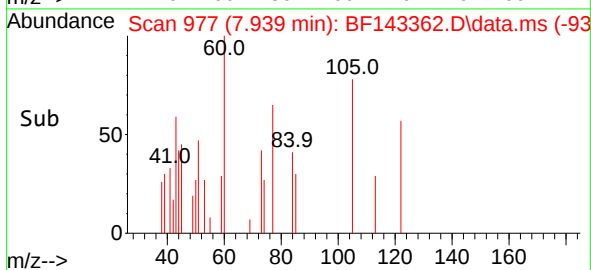
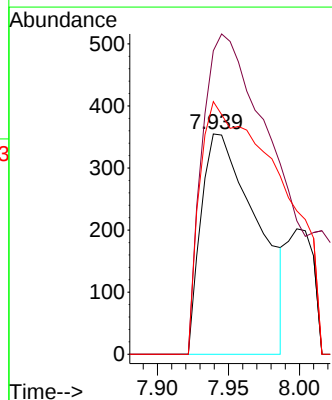
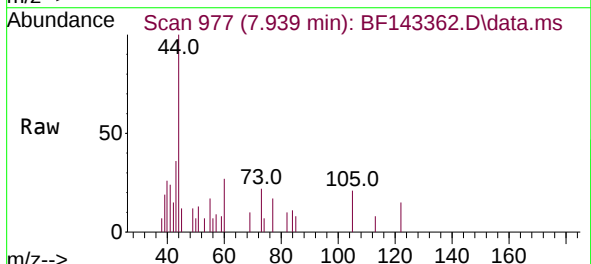
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

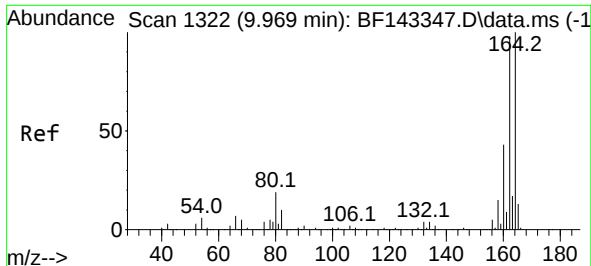
Tgt Ion: 82 Resp: 759868
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 3.818 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.030 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

Tgt Ion:122 Resp: 972
Ion Ratio Lower Upper
122 100
105 137.7 106.4 146.4
77 114.6 79.2 119.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

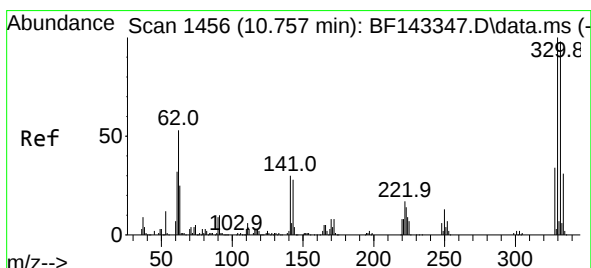
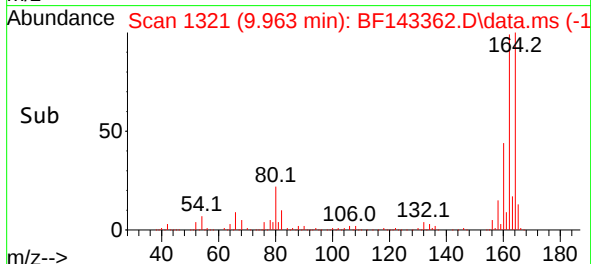
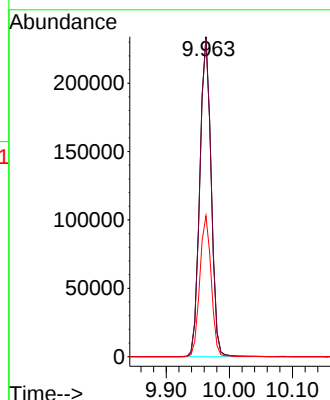
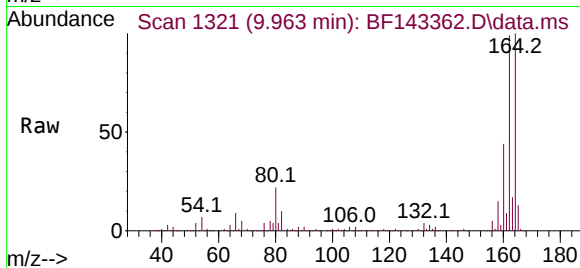
Tgt Ion:164 Resp: 289577

Ion Ratio Lower Upper

164 100

162 99.5 78.6 118.0

160 44.1 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 147.223 ng

RT: 10.751 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

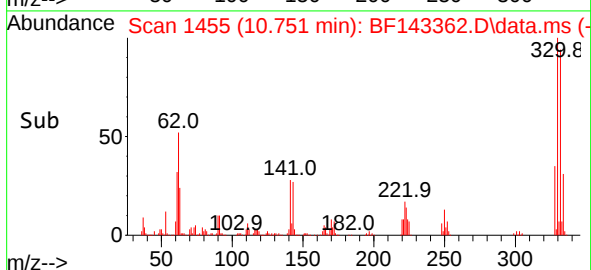
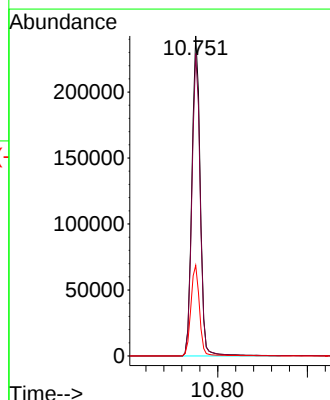
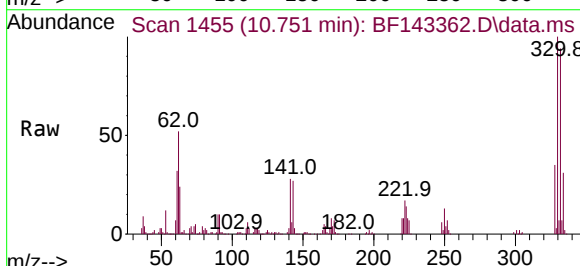
Tgt Ion:330 Resp: 311566

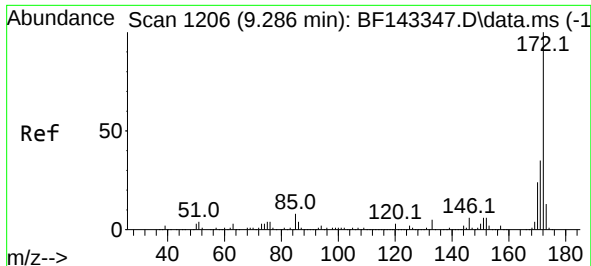
Ion Ratio Lower Upper

330 100

332 94.8 78.1 117.1

141 29.5 25.4 38.0

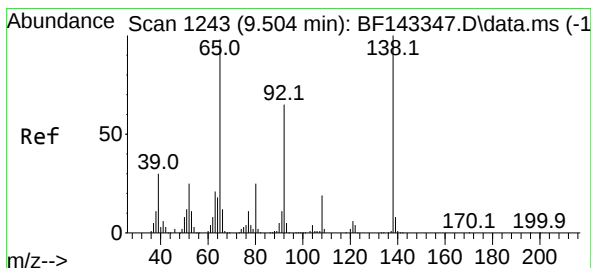
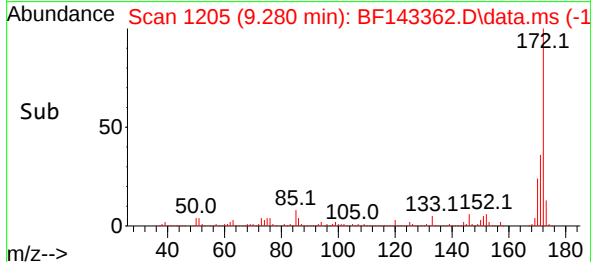
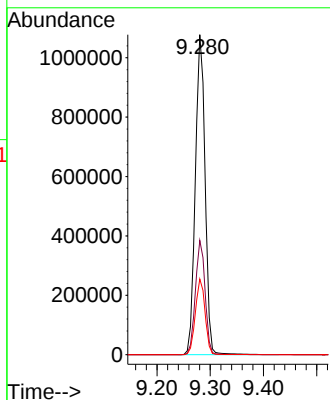
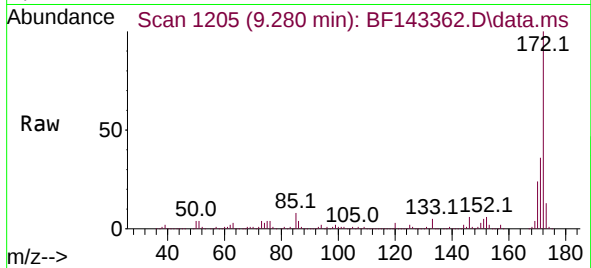




#45
2-Fluorobiphenyl
Concen: 80.623 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

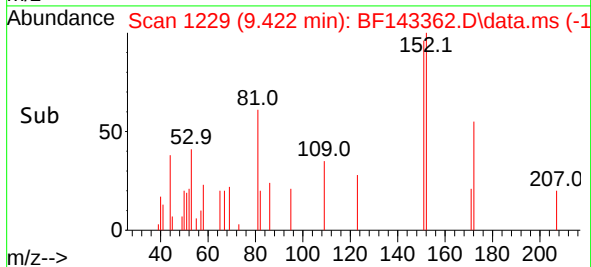
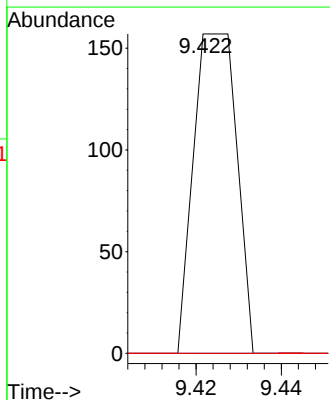
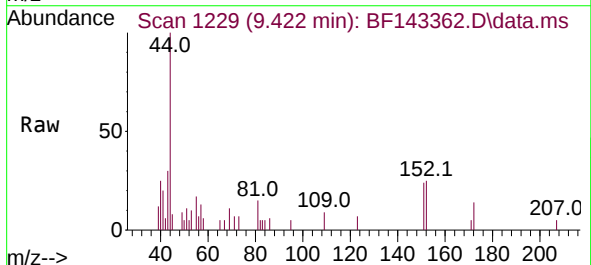
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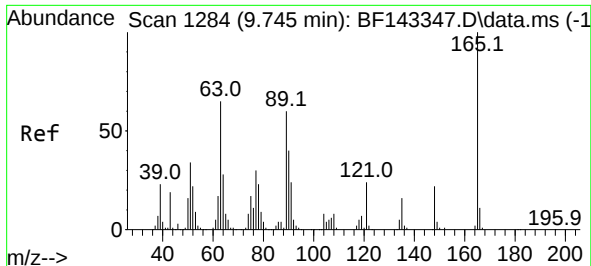
Tgt Ion:172 Resp: 1376768
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.1 28.7



#48
2-Nitroaniline
Concen: 2.788 ng
RT: 9.422 min Scan# 1229
Delta R.T. -0.082 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

Tgt Ion: 65 Resp: 111
Ion Ratio Lower Upper
65 100
92 0.0 53.1 79.7#
138 0.0 81.4 122.0#





#51

2,6-Dinitrotoluene

Concen: 13.790 ng

RT: 9.963 min Scan# 1

Delta R.T. 0.218 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

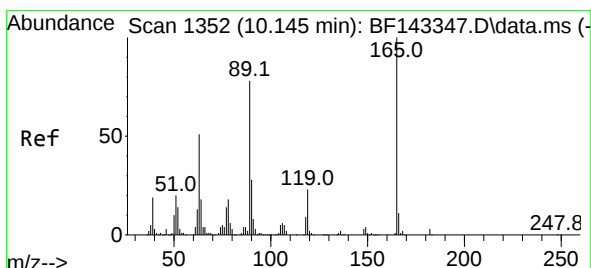
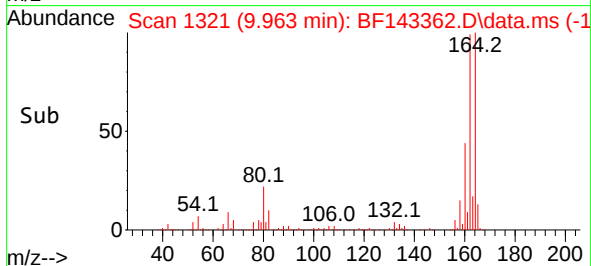
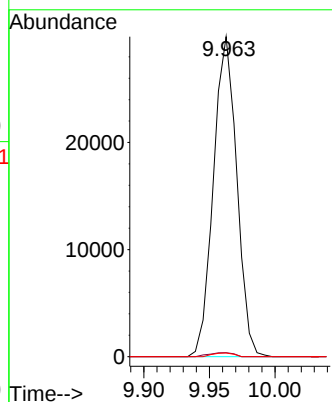
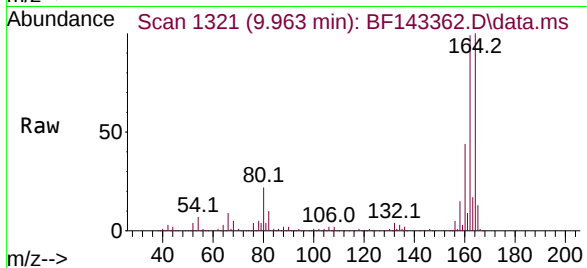
Tgt Ion:165 Resp: 36950

Ion Ratio Lower Upper

165 100

63 1.2 51.6 77.4#

89 1.1 47.7 71.5#



#57

2,4-Dinitrotoluene

Concen: 11.164 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.182 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

Tgt Ion:165 Resp: 36950

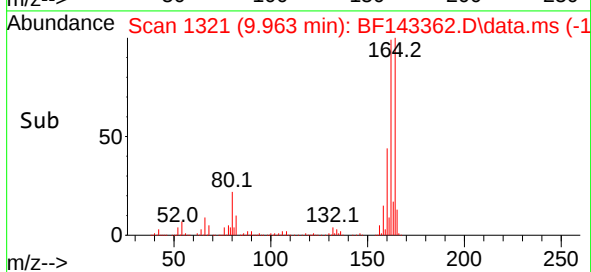
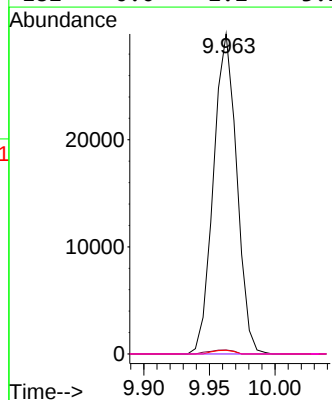
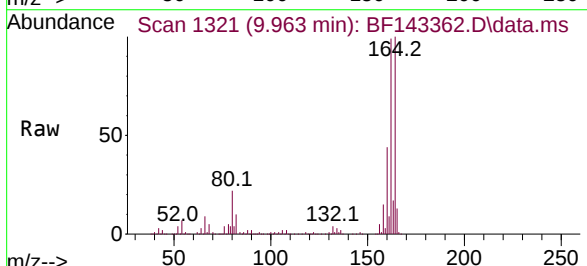
Ion Ratio Lower Upper

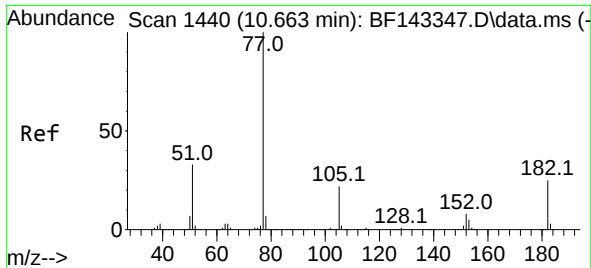
165 100

63 1.2 41.8 62.8#

89 1.1 62.4 93.6#

182 0.0 2.2 3.2#

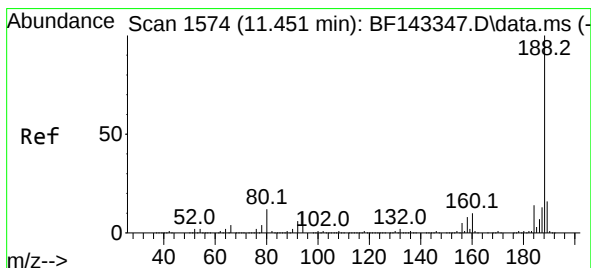
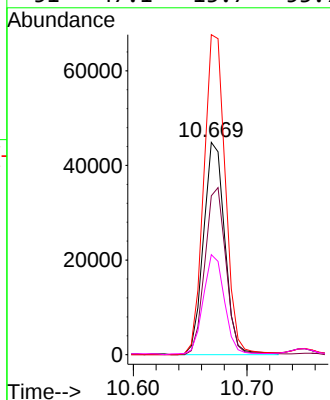
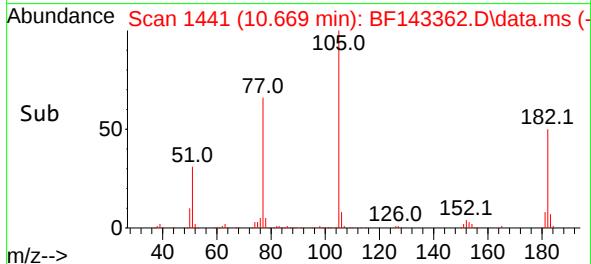
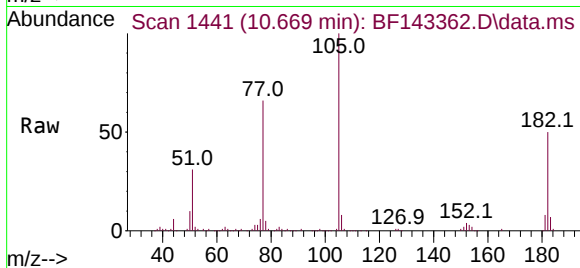




#63
Azobenzene
Concen: 3.382 ng
RT: 10.669 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

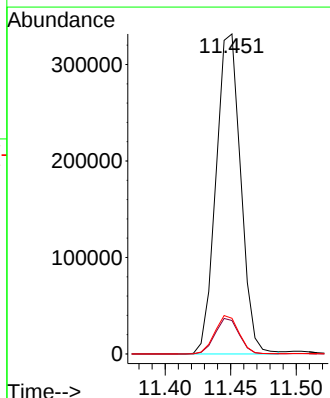
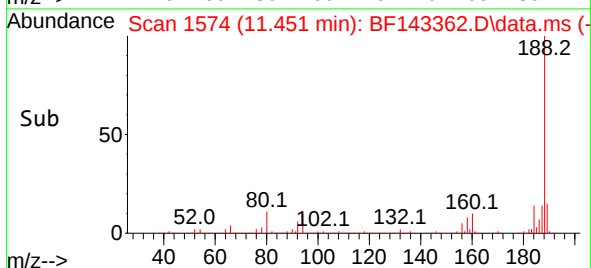
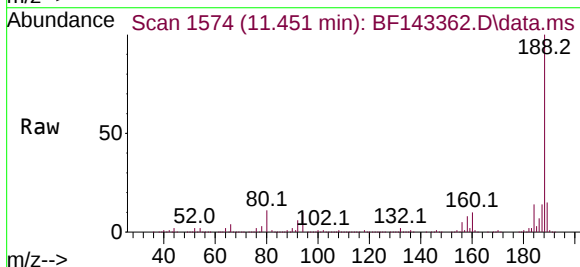
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

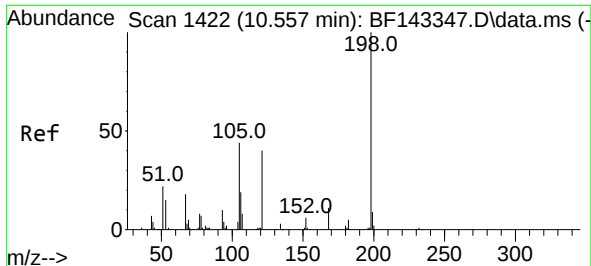
Tgt Ion: 77	Resp: 58543
Ion Ratio	Lower Upper
77 100	
182 74.8	4.4 44.4#
105 150.7	1.8 41.8#
51 47.1	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

Tgt Ion:188	Resp: 434333
Ion Ratio	Lower Upper
188 100	
94 10.5	8.8 13.2
80 11.2	9.7 14.5

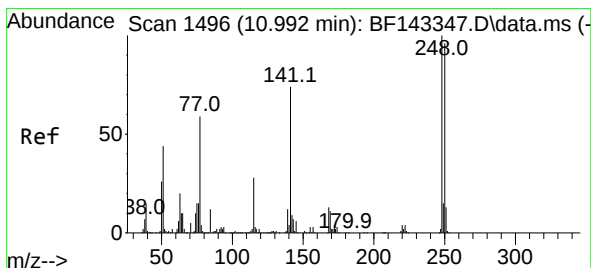
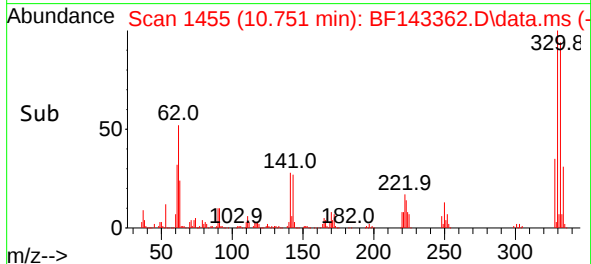
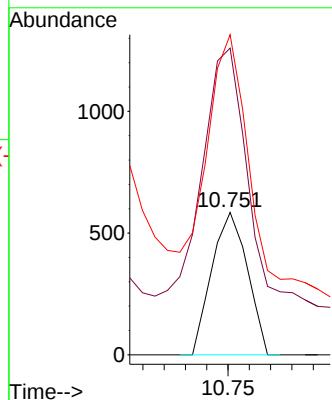
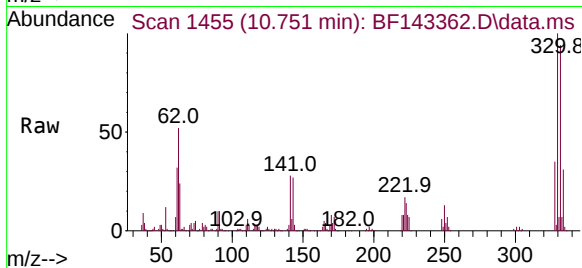




#65
4,6-Dinitro-2-methylphenol
Concen: 7.589 ng
RT: 10.751 min Scan# 1422
Delta R.T. 0.194 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

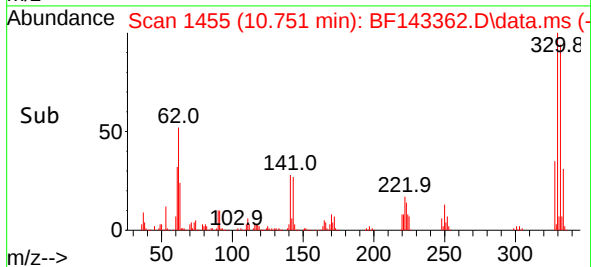
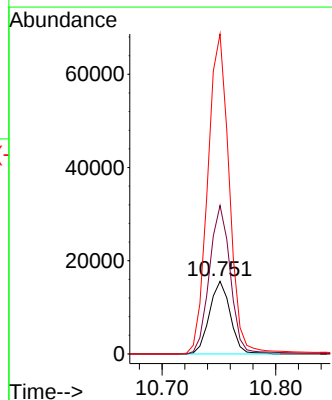
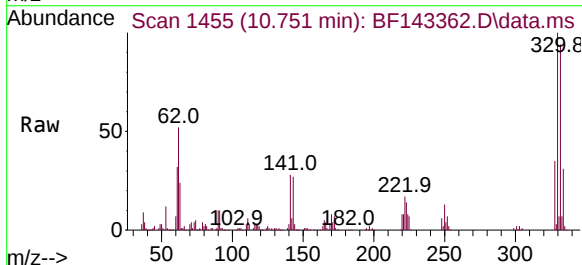
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDE

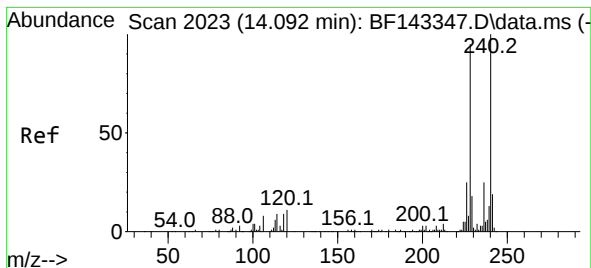
Tgt Ion:198 Resp: 680
Ion Ratio Lower Upper
198 100
51 215.4 41.7 81.7#
105 224.8 26.8 66.8#



#67
4-Bromophenyl-phenylether
Concen: 4.008 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.241 min
Lab File: BF143362.D
Acq: 12 Aug 2025 19:32

Tgt Ion:248 Resp: 19907
Ion Ratio Lower Upper
248 100
250 204.1 77.1 115.7#
141 440.0 59.1 88.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

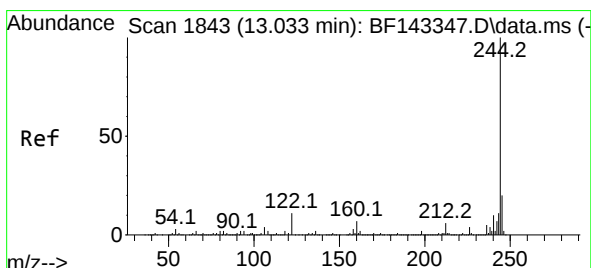
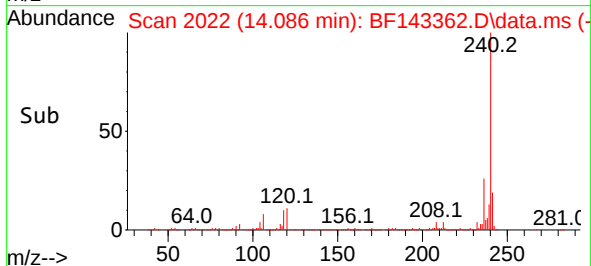
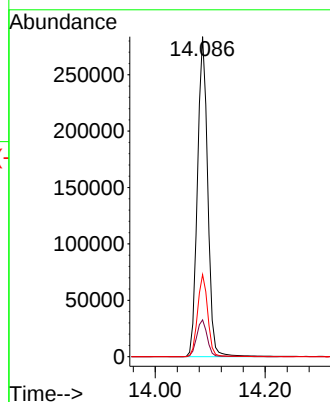
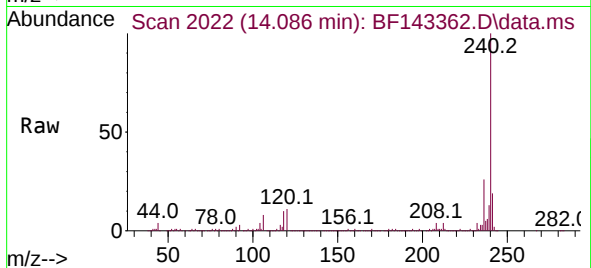
Tgt Ion:240 Resp: 367974

Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.6

236 25.6 19.9 29.9



#79

Terphenyl-d14

Concen: 65.832 ng

RT: 13.033 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

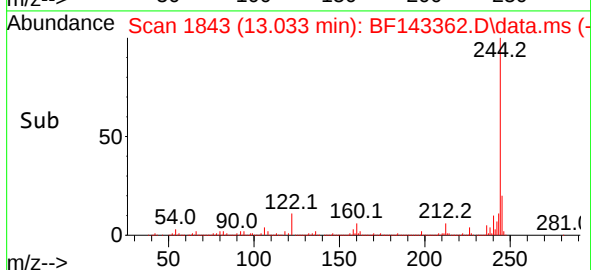
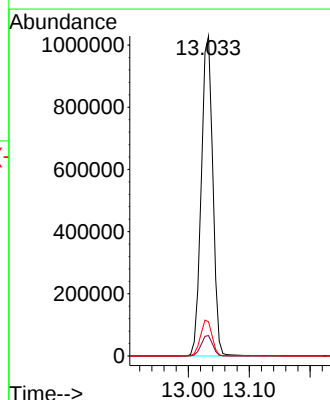
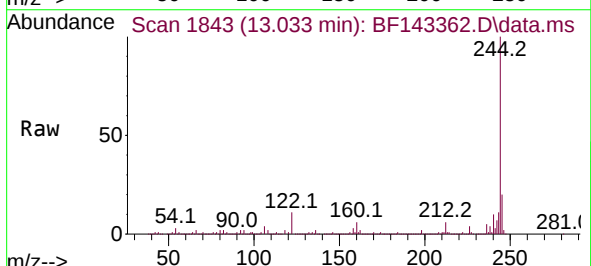
Tgt Ion:244 Resp: 1356864

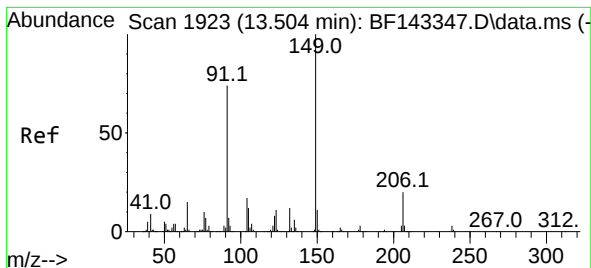
Ion Ratio Lower Upper

244 100

212 6.3 5.1 7.7

122 10.7 8.9 13.3





#80

Butylbenzylphthalate

Concen: 3.466 ng

RT: 13.504 min Scan# 1923

Delta R.T. -0.000 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

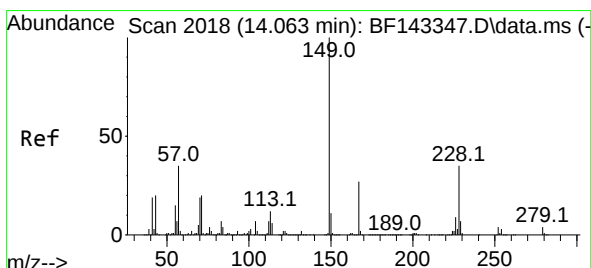
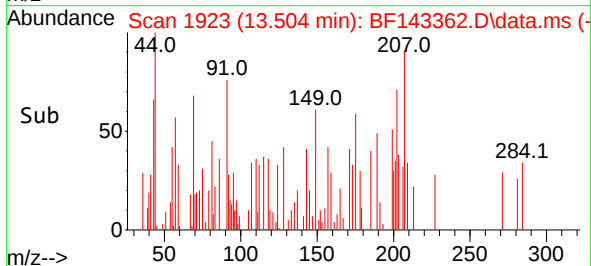
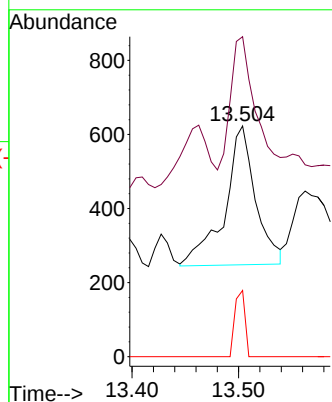
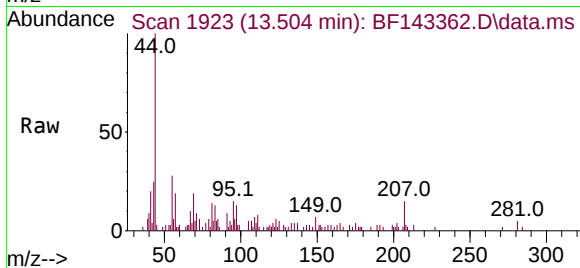
Tgt Ion:149 Resp: 756

Ion Ratio Lower Upper

149 100

91 138.7 58.8 88.2#

206 28.7 16.4 24.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.691 ng

RT: 14.062 min Scan# 2018

Delta R.T. -0.001 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

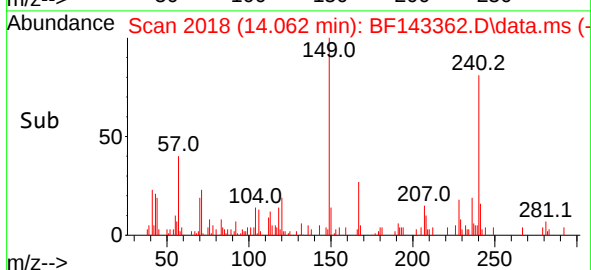
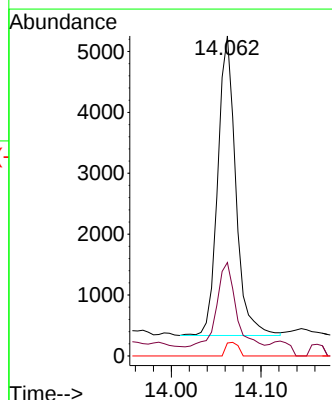
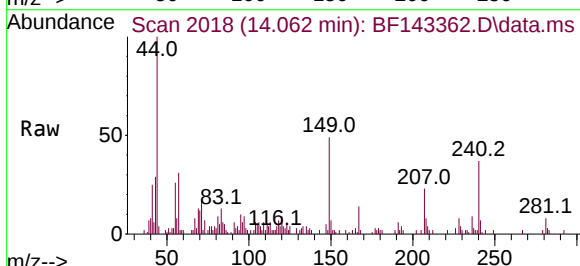
Tgt Ion:149 Resp: 6860

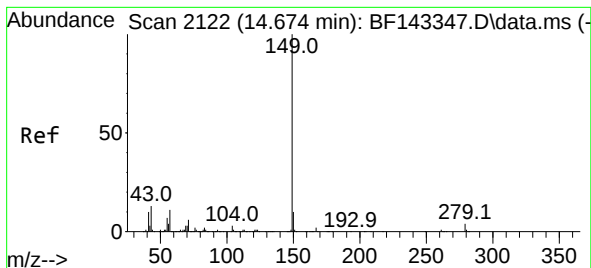
Ion Ratio Lower Upper

149 100

167 29.2 21.4 32.0

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 6.064 ng

RT: 14.668 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-WESTSIDE

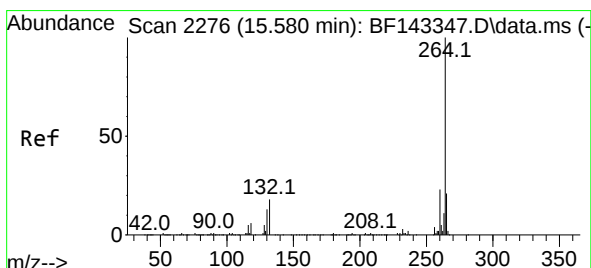
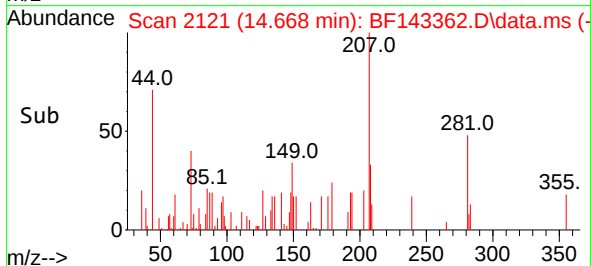
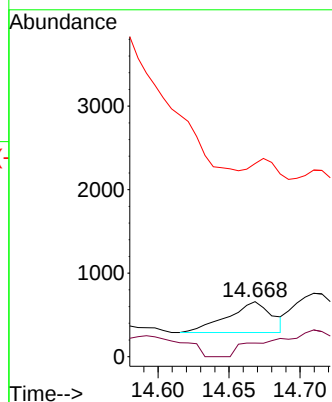
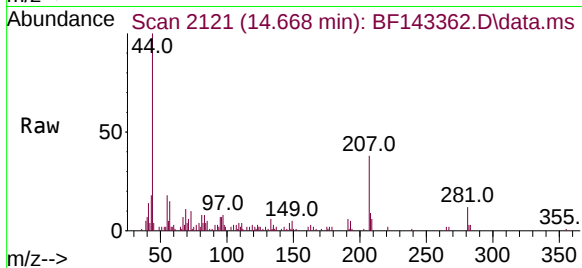
Tgt Ion:149 Resp: 801

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 10.8 16.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF143362.D

Acq: 12 Aug 2025 19:32

Tgt Ion:264 Resp: 418007

Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 21.4 17.2 25.8

