

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081225\
 Data File : BF143359.D
 Acq On : 12 Aug 2025 18:02
 Operator : RC/JU
 Sample : Q2830-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Quant Time: Aug 12 18:19:56 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)

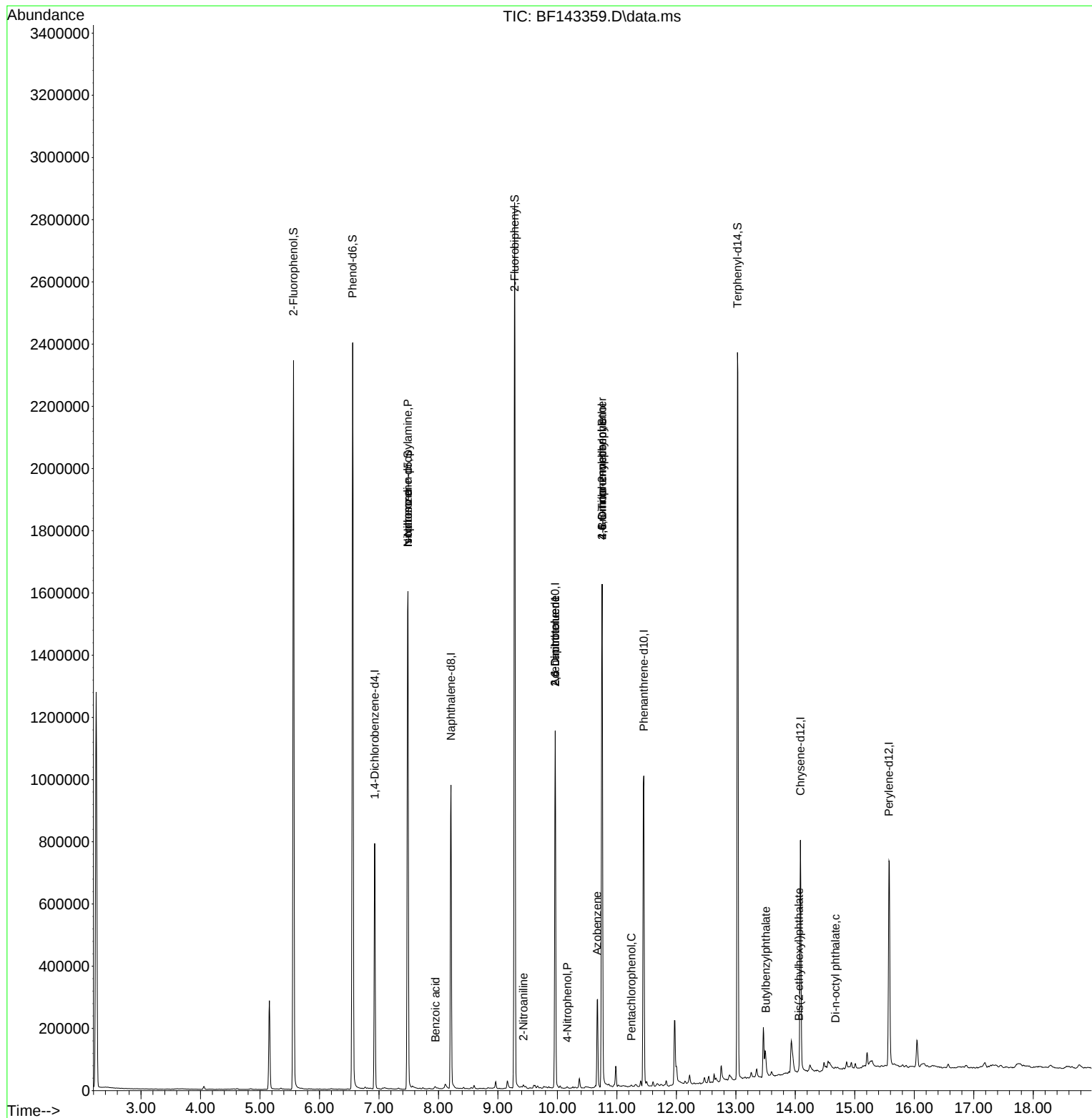
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	158707	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	606952	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	329575	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	511499	20.000	ng	0.00
76) Chrysene-d12	14.086	240	361189	20.000	ng	0.00
86) Perylene-d12	15.574	264	408430	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	834766	90.955	ng	0.00
7) Phenol-d6	6.557	99	1091943	92.779	ng	0.00
23) Nitrobenzene-d5	7.486	82	702707	72.098	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	274743	114.067	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	1216384	62.586	ng	0.00
79) Terphenyl-d14	13.027	244	1149046	56.797	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.486	70	94558	13.003	ng	# 80
25) Isophorone	7.486	82	683519	34.353	ng	# 65
32) Benzoic acid	7.951	122	3147	4.529	ng	# 85
48) 2-Nitroaniline	9.428	65	181	2.798	ng	# 6
51) 2,6-Dinitrotoluene	9.963	165	41923	13.757	ng	# 21
56) 4-Nitrophenol	10.169	139	420	5.601	ng	# 5
57) 2,4-Dinitrotoluene	9.963	165	41923	11.139	ng	# 20
63) Azobenzene	10.669	77	75129	3.813	ng	# 1
65) 4,6-Dinitro-2-methylph...	10.751	198	501	7.466	ng	# 1
67) 4-Bromophenyl-phenylether	10.751	248	18144	3.102	ng	# 1
70) Pentachlorophenol	11.245	266	856	6.178	ng	# 1
80) Butylbenzylphthalate	13.504	149	1079	3.518	ng	# 81
84) Bis(2-ethylhexyl)phtha...	14.063	149	4113	4.418	ng	# 84
85) Di-n-octyl phthalate	14.674	149	825	6.066	ng	# 68

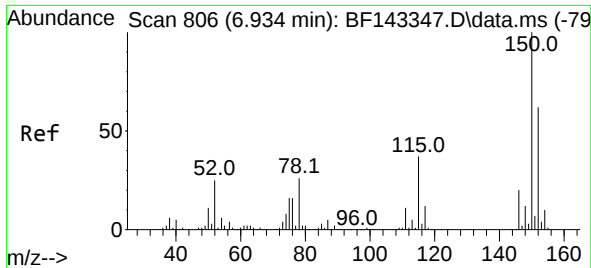
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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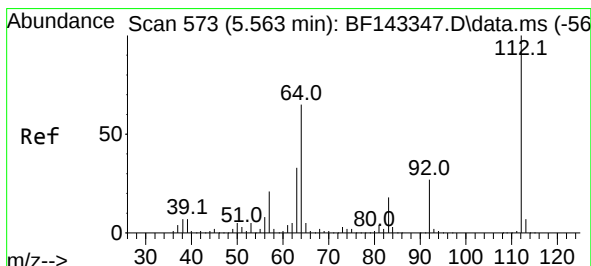
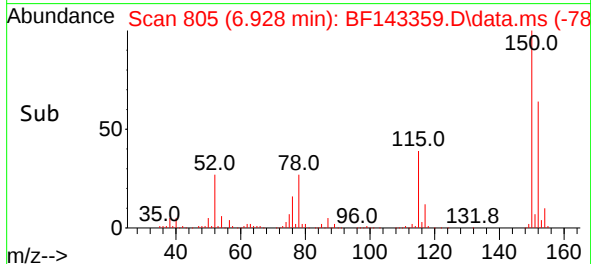
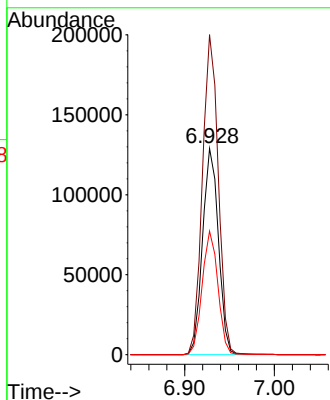
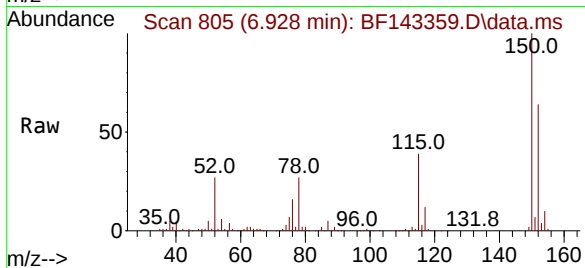




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

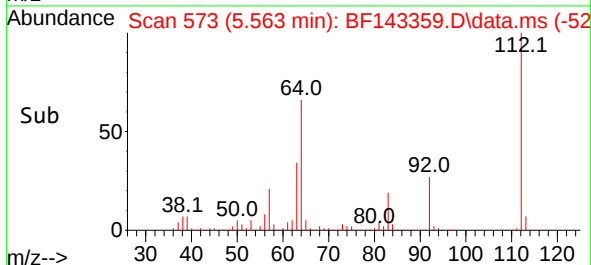
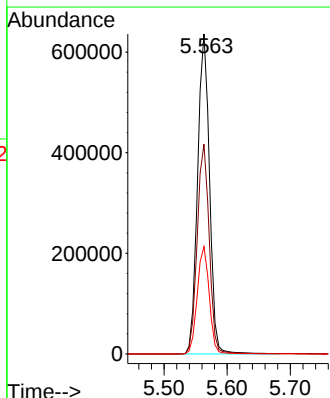
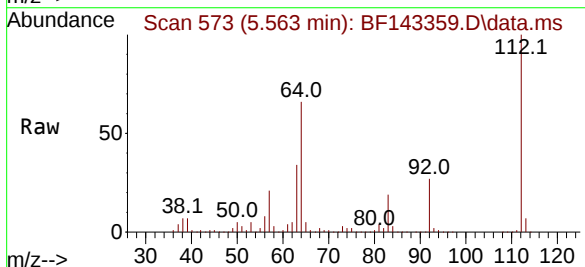
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

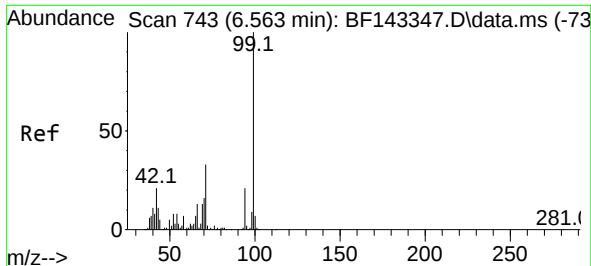
Tgt Ion:152 Resp: 158707
Ion Ratio Lower Upper
152 100
150 155.1 129.8 194.8
115 59.9 47.8 71.8



#5
2-Fluorophenol
Concen: 90.955 ng
RT: 5.563 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion:112 Resp: 834766
Ion Ratio Lower Upper
112 100
64 65.5 52.1 78.1
63 33.6 26.6 39.8

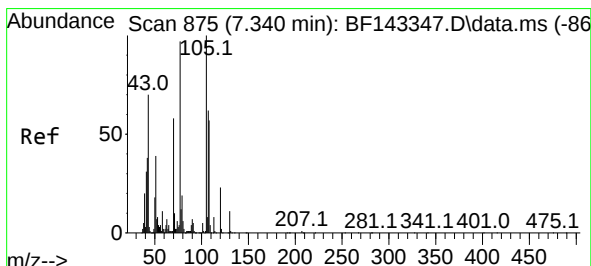
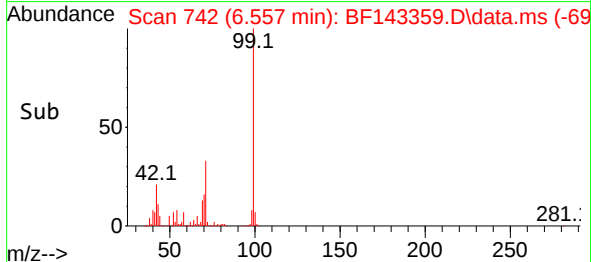
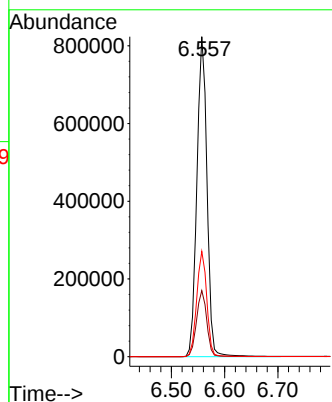
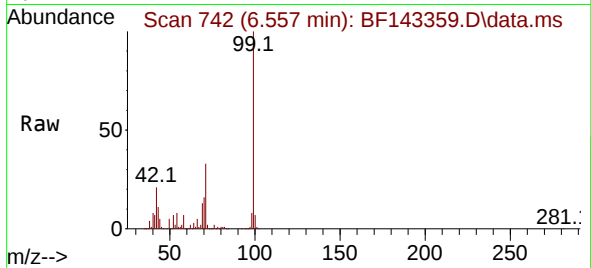




#7
Phenol-d6
Concen: 92.779 ng
RT: 6.557 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

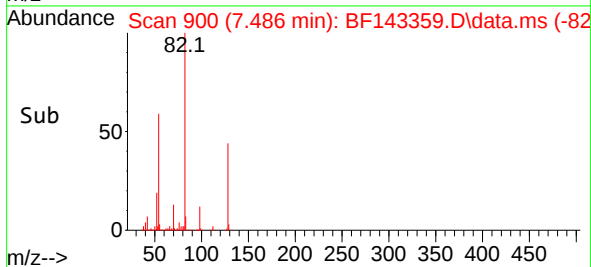
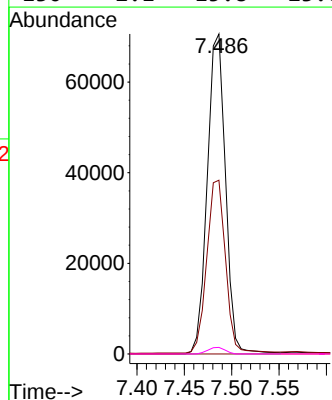
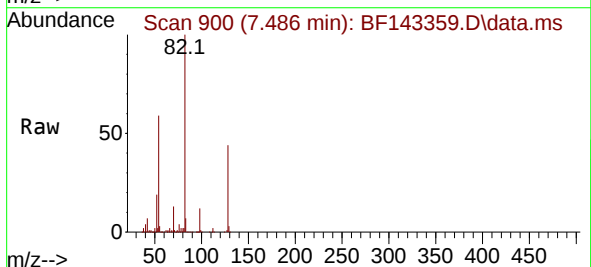
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

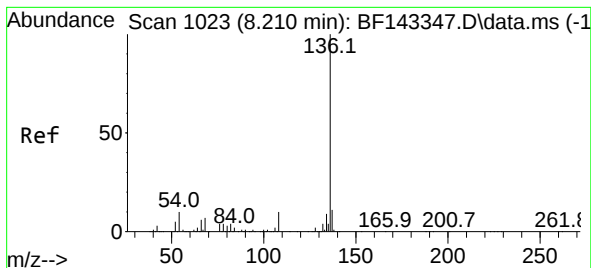
Tgt Ion: 99 Resp: 1091943
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 32.9 26.2 39.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.003 ng
RT: 7.486 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 70 Resp: 94558
Ion Ratio Lower Upper
70 100
42 54.3 51.6 77.4
101 0.0 7.5 11.3#
130 2.1 15.8 23.6#

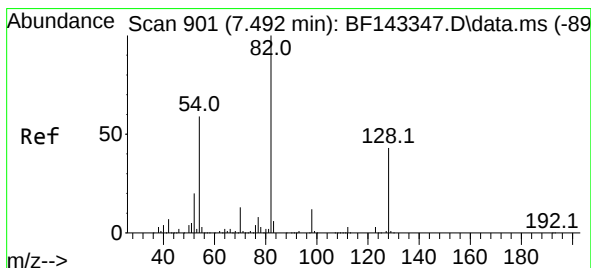
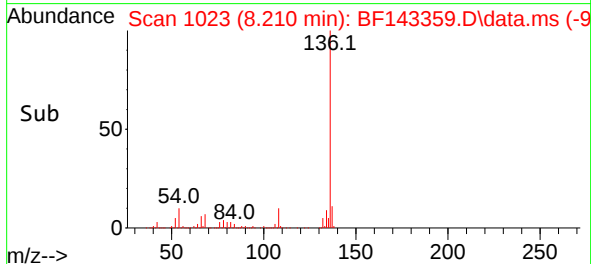
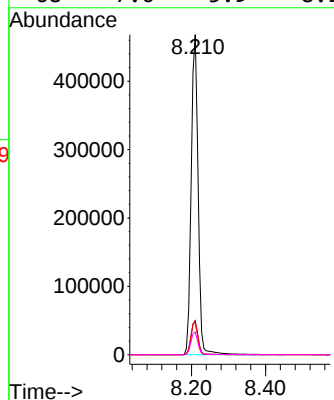
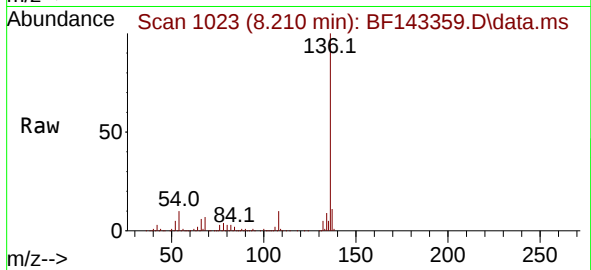




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

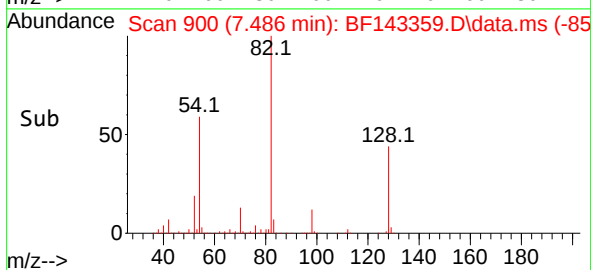
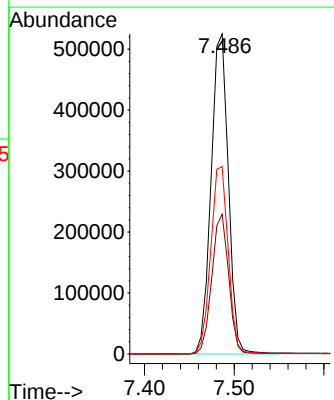
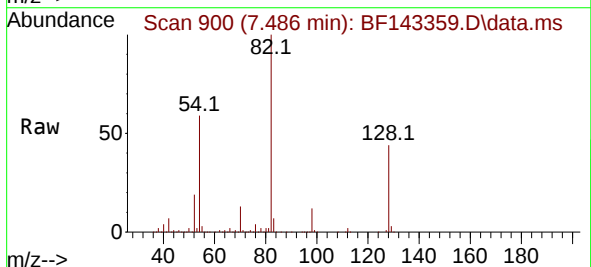
Instrument :
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ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

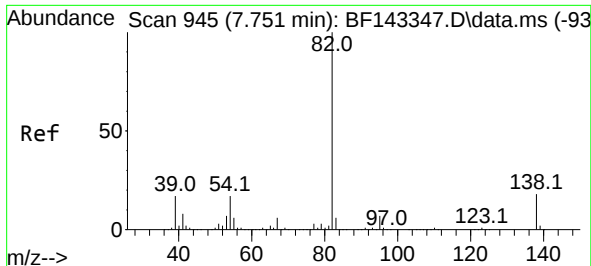
Tgt Ion:	136	Resp:	606952
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	10.0	8.4	12.6
68	7.0	5.9	8.9



#23
Nitrobenzene-d5
Concen: 72.098 ng
RT: 7.486 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion:	82	Resp:	702707
Ion	Ratio	Lower	Upper
82	100		
128	43.7	33.5	50.3
54	58.5	46.7	70.1

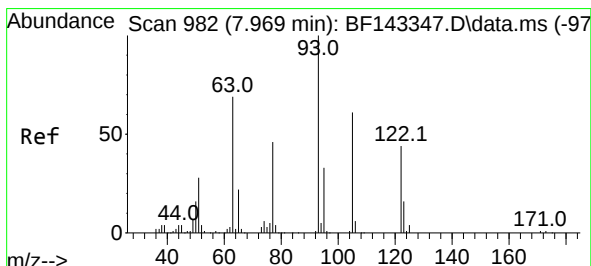
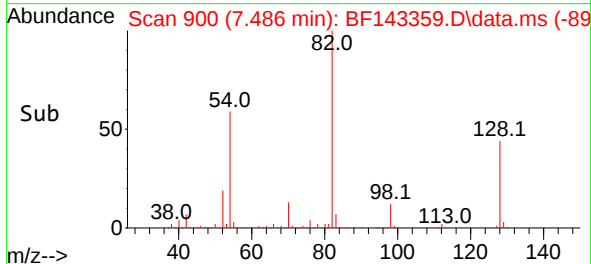
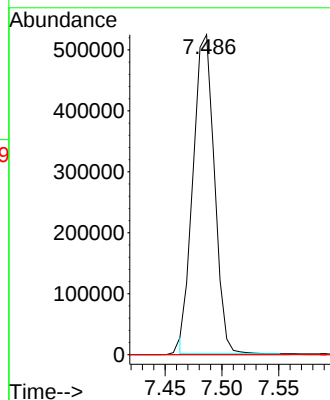
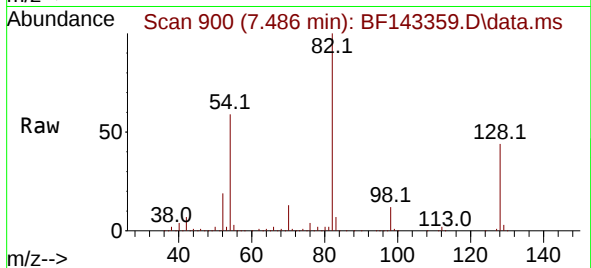




#25
Isophorone
Concen: 34.353 ng
RT: 7.486 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

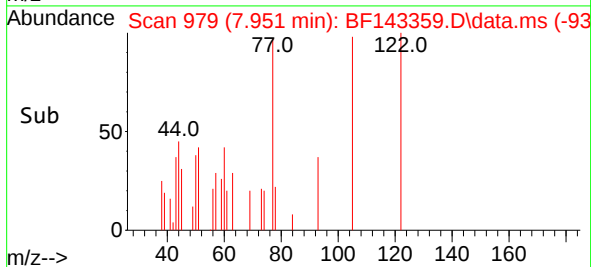
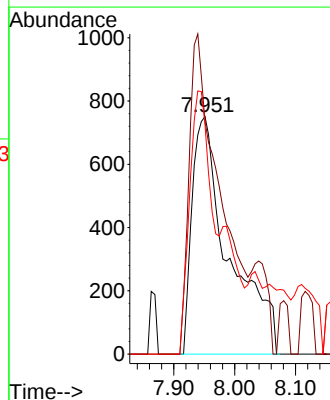
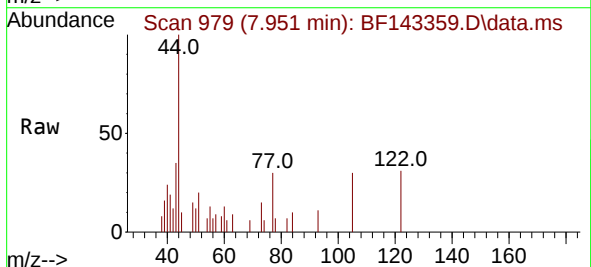
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

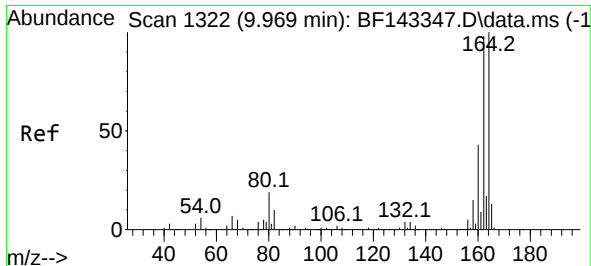
Tgt Ion: 82 Resp: 683519
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 4.529 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.018 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion:122 Resp: 3147
Ion Ratio Lower Upper
122 100
105 98.0 106.4 146.4#
77 96.5 79.2 119.2

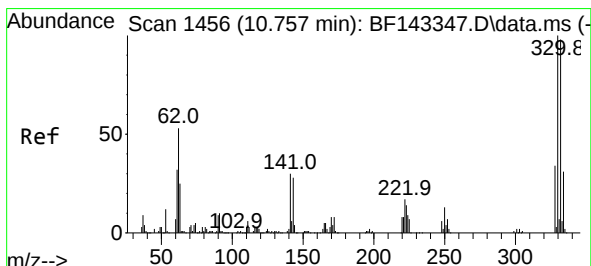
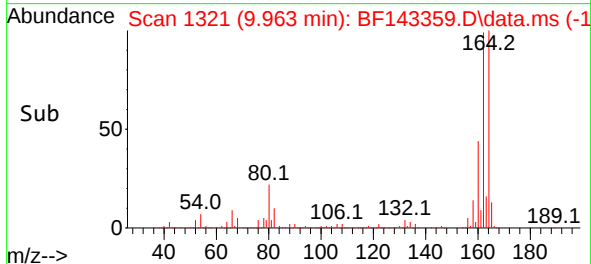
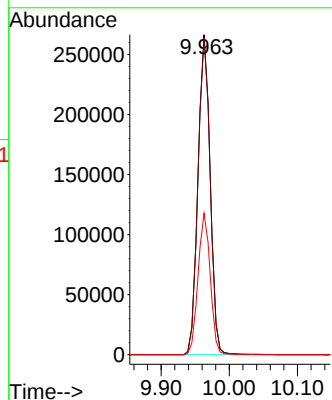
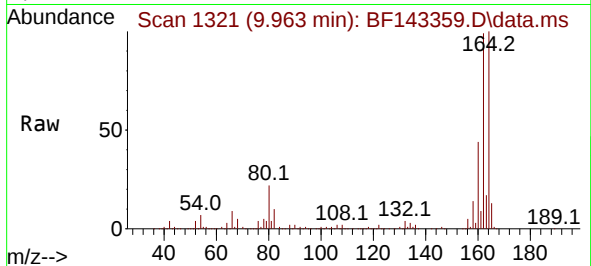




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

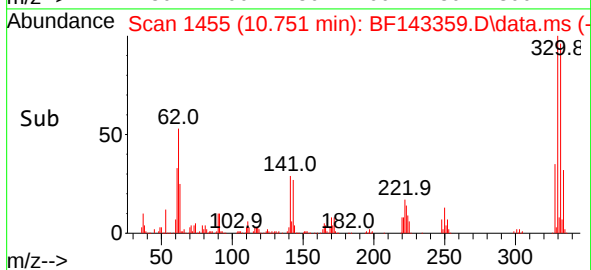
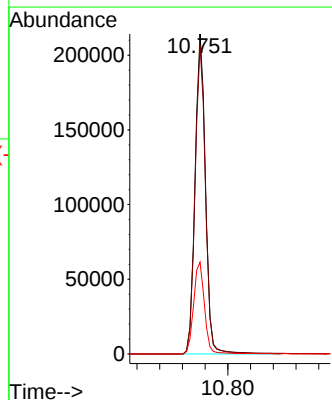
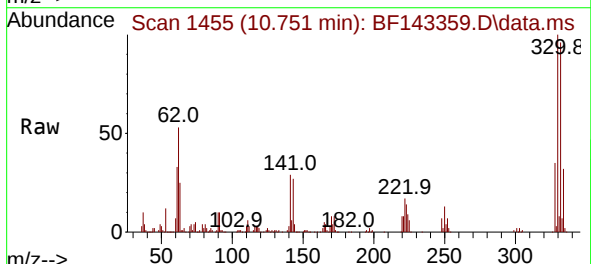
Instrument :
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ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

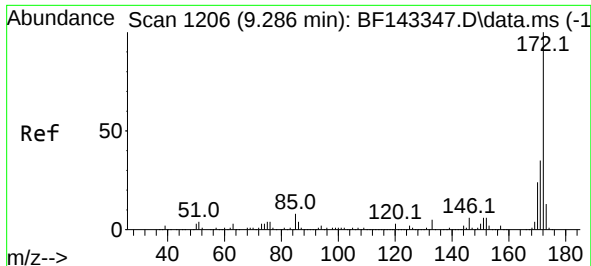
Tgt Ion:164 Resp: 329575
Ion Ratio Lower Upper
164 100
162 99.1 78.6 118.0
160 44.1 34.4 51.6



#42
2,4,6-Tribromophenol
Concen: 114.067 ng
RT: 10.751 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion:330 Resp: 274743
Ion Ratio Lower Upper
330 100
332 96.5 78.1 117.1
141 29.7 25.4 38.0

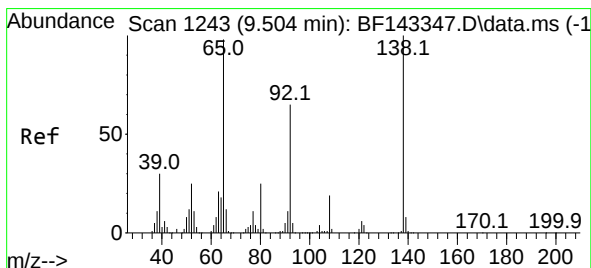
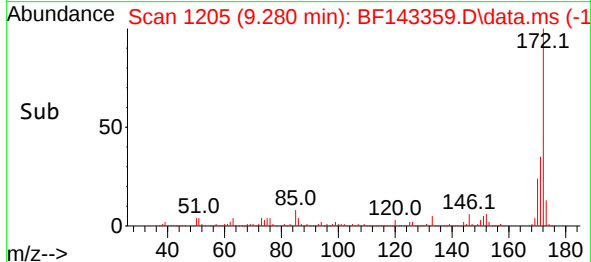
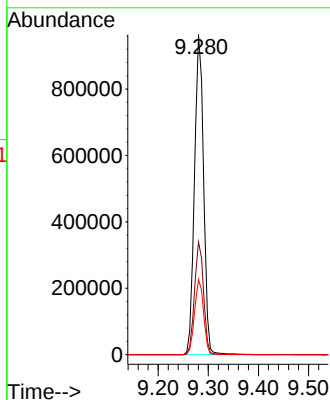
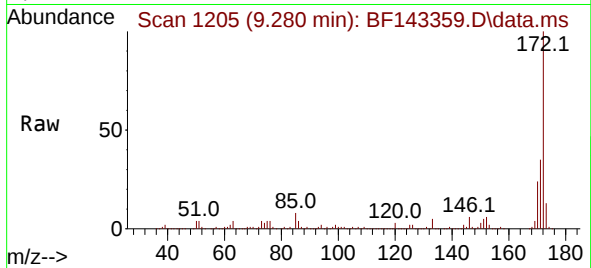




#45
2-Fluorobiphenyl
Concen: 62.586 ng
RT: 9.280 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

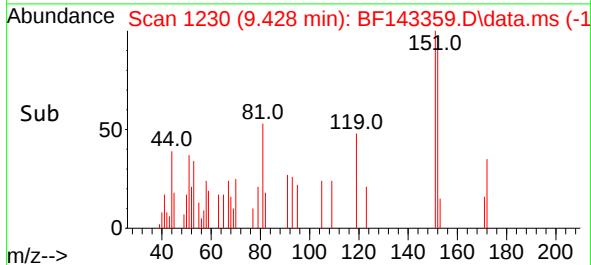
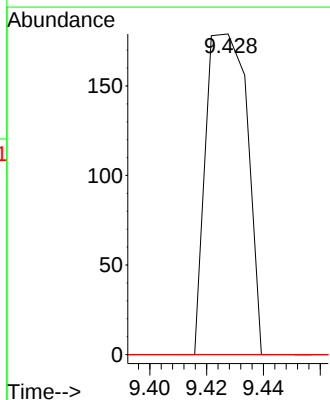
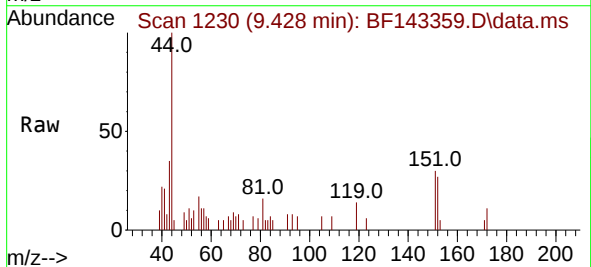
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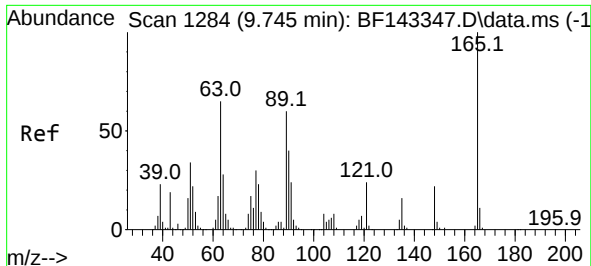
Tgt Ion:172 Resp: 1216384
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.5 19.1 28.7



#48
2-Nitroaniline
Concen: 2.798 ng
RT: 9.428 min Scan# 1230
Delta R.T. -0.076 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 65 Resp: 181
Ion Ratio Lower Upper
65 100
92 0.0 53.1 79.7#
138 0.0 81.4 122.0#

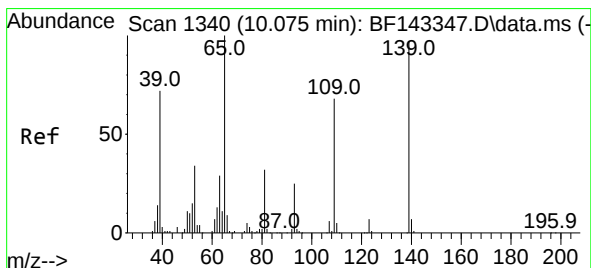
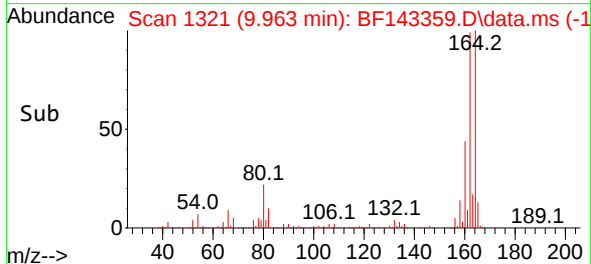
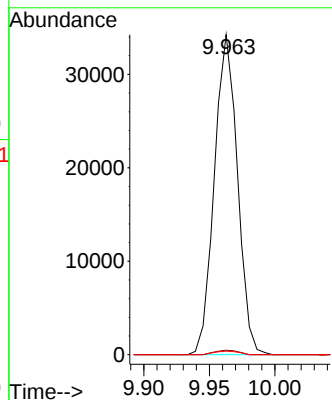
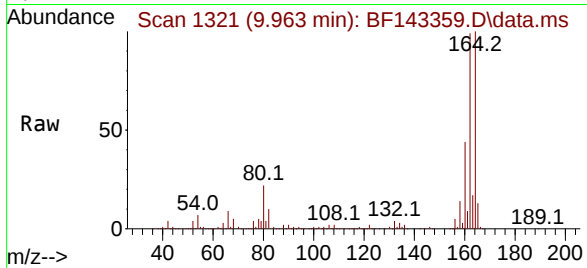




#51
2,6-Dinitrotoluene
Concen: 13.757 ng
RT: 9.963 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

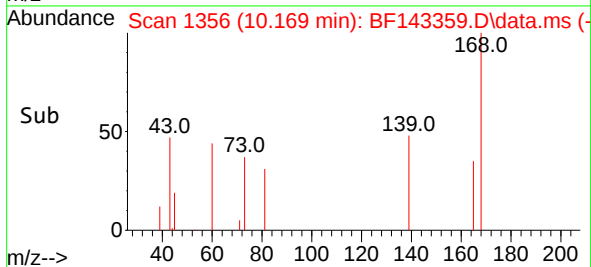
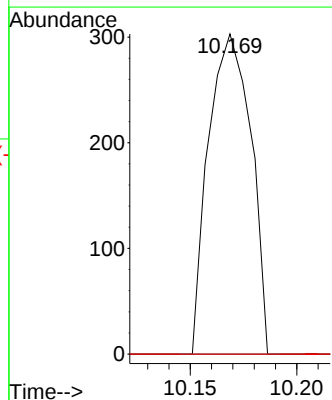
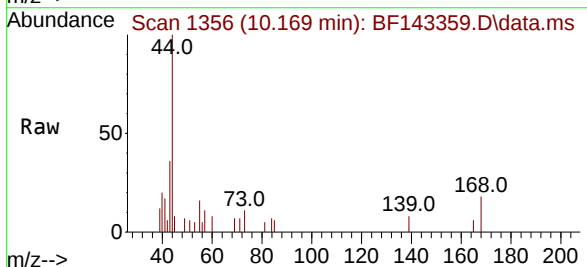
Instrument :
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ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

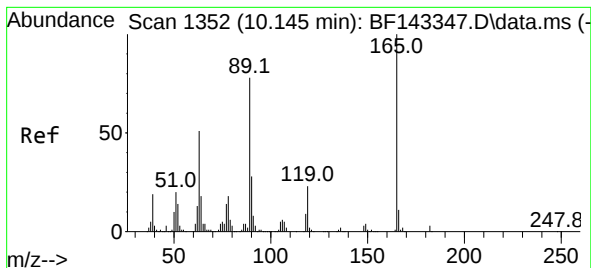
Tgt Ion:165 Resp: 41923
Ion Ratio Lower Upper
165 100
63 1.4 51.6 77.4#
89 1.1 47.7 71.5#



#56
4-Nitrophenol
Concen: 5.601 ng
RT: 10.169 min Scan# 1356
Delta R.T. 0.094 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion:139 Resp: 420
Ion Ratio Lower Upper
139 100
109 0.0 49.4 89.4#
65 0.0 83.7 123.7#

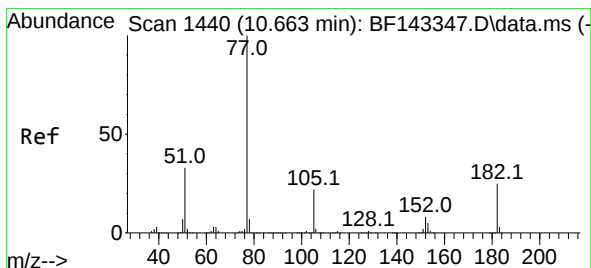
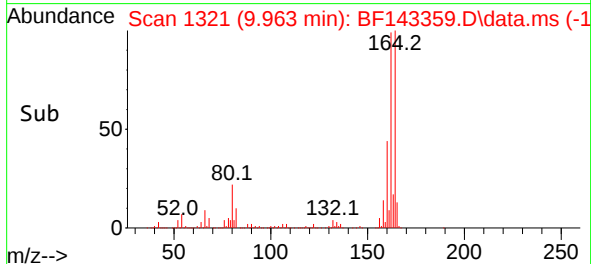
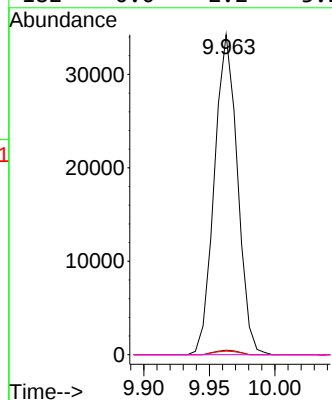
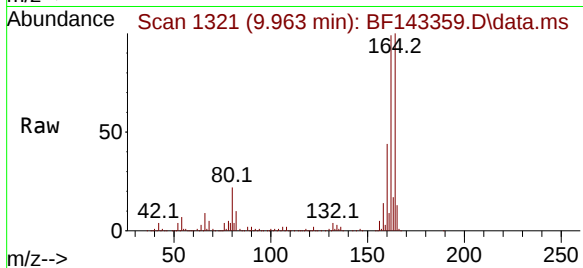




#57
2,4-Dinitrotoluene
Concen: 11.139 ng
RT: 9.963 min Scan# 11
Delta R.T. -0.182 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

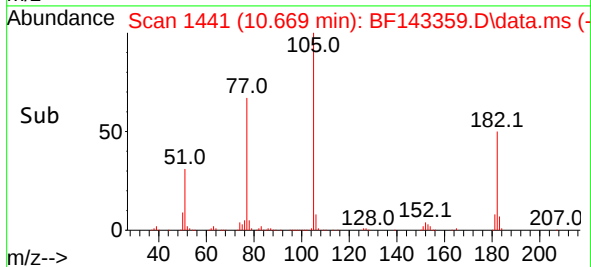
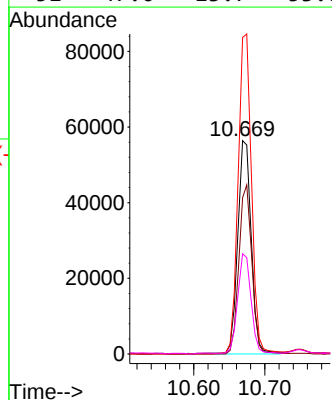
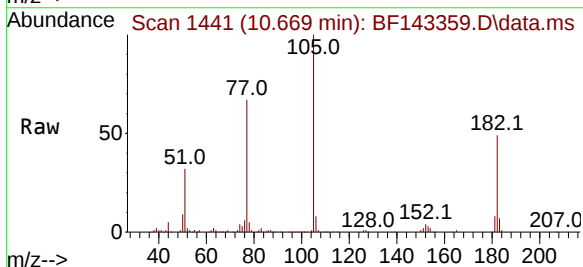
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

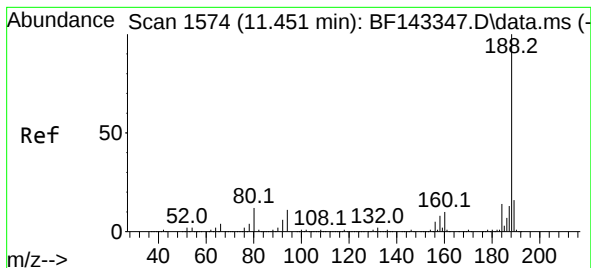
Tgt Ion:165 Resp: 41923
Ion Ratio Lower Upper
165 100
63 1.4 41.8 62.8#
89 1.1 62.4 93.6#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 3.813 ng
RT: 10.669 min Scan# 1441
Delta R.T. 0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion: 77 Resp: 75129
Ion Ratio Lower Upper
77 100
182 73.2 4.4 44.4#
105 148.4 1.8 41.8#
51 47.0 13.7 53.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143359.D

Acq: 12 Aug 2025 18:02

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-EASTSIDE

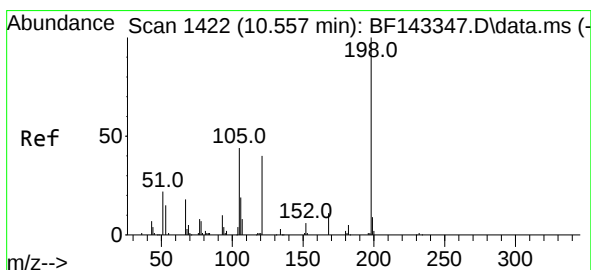
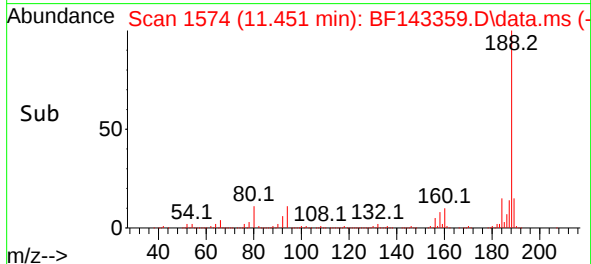
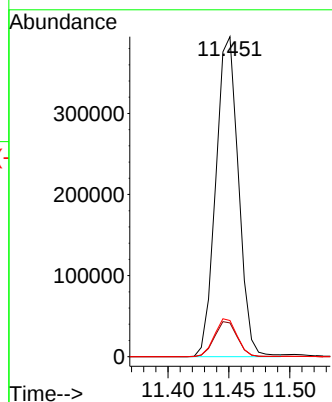
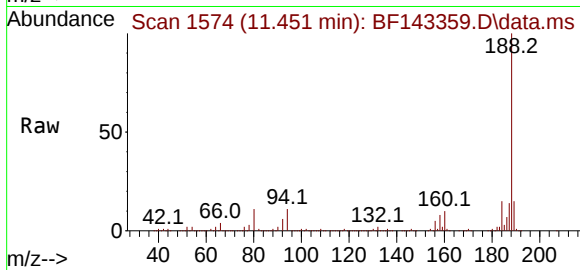
Tgt Ion:188 Resp: 511499

Ion Ratio Lower Upper

188 100

94 10.6 8.8 13.2

80 11.3 9.7 14.5



#65

4,6-Dinitro-2-methylphenol

Concen: 7.466 ng

RT: 10.751 min Scan# 1455

Delta R.T. 0.194 min

Lab File: BF143359.D

Acq: 12 Aug 2025 18:02

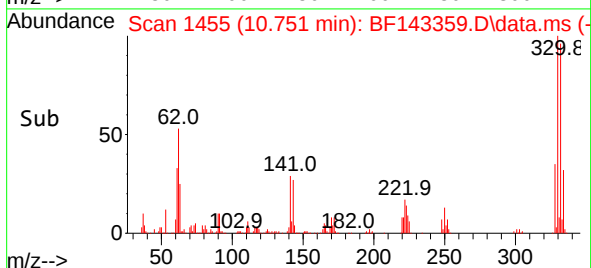
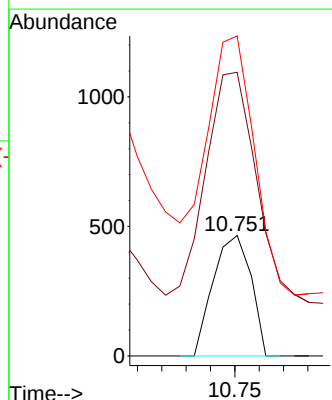
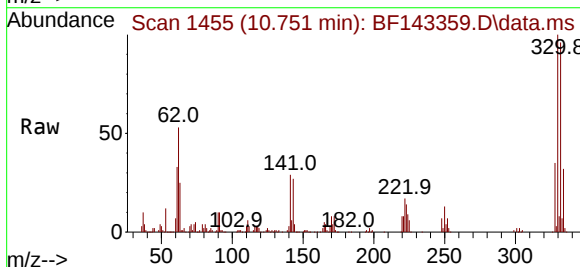
Tgt Ion:198 Resp: 501

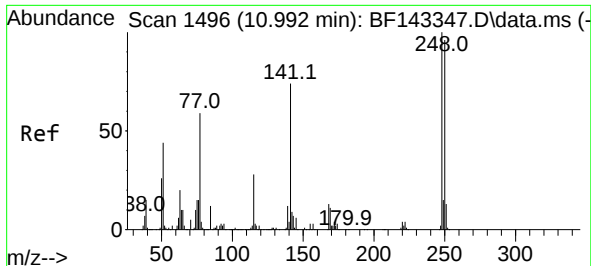
Ion Ratio Lower Upper

198 100

51 235.5 41.7 81.7#

105 265.6 26.8 66.8#

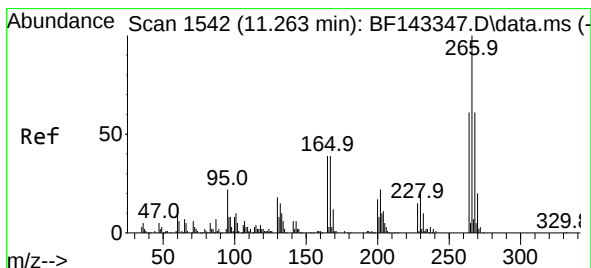
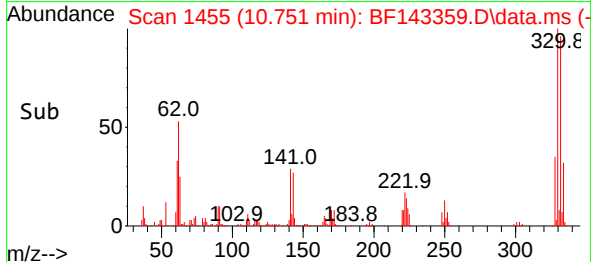
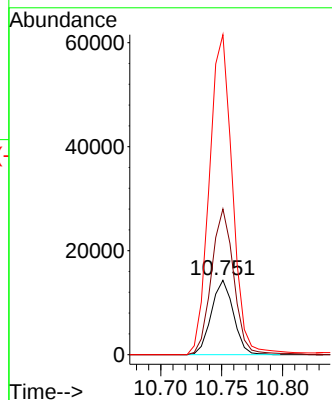
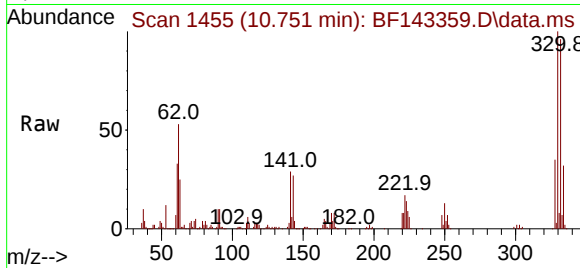




#67
4-Bromophenyl-phenylether
Concen: 3.102 ng
RT: 10.751 min Scan# 1496
Delta R.T. -0.241 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

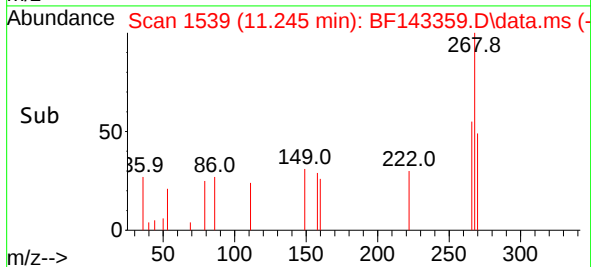
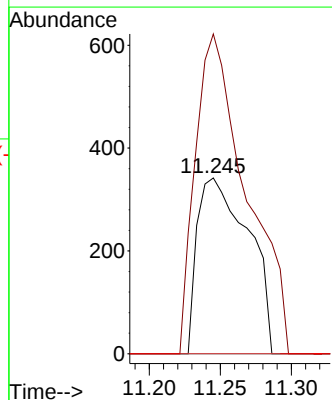
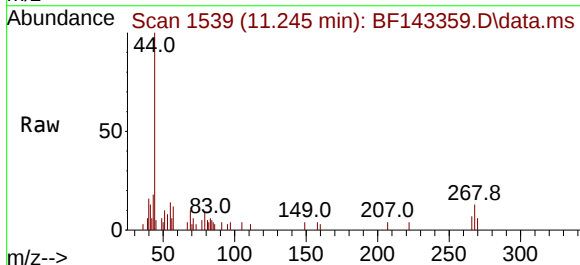
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

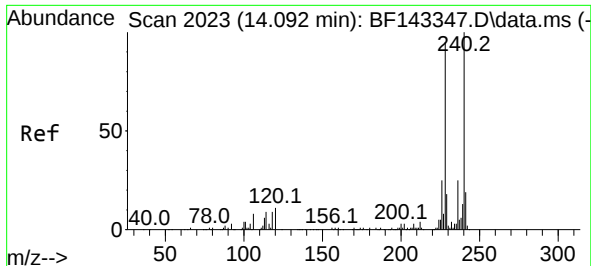
Tgt Ion:248 Resp: 18144
Ion Ratio Lower Upper
248 100
250 195.9 77.1 115.7#
141 430.1 59.1 88.7#



#70
Pentachlorophenol
Concen: 6.178 ng
RT: 11.245 min Scan# 1539
Delta R.T. -0.018 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion:266 Resp: 856
Ion Ratio Lower Upper
266 100
268 181.9 48.8 73.2#
264 0.0 48.8 73.2#

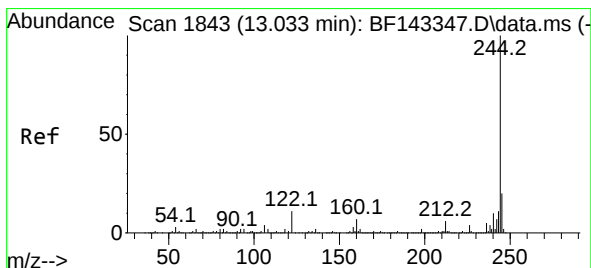
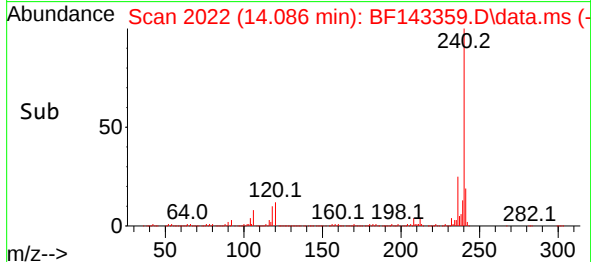
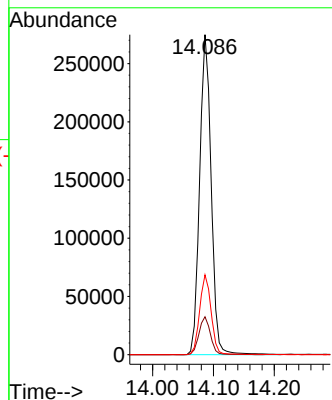
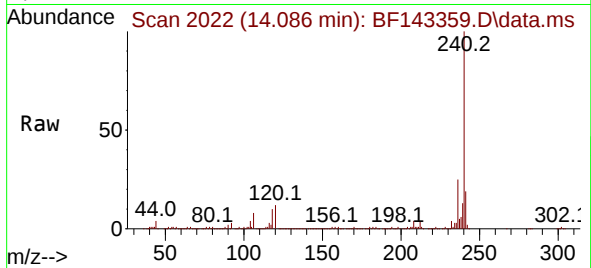




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

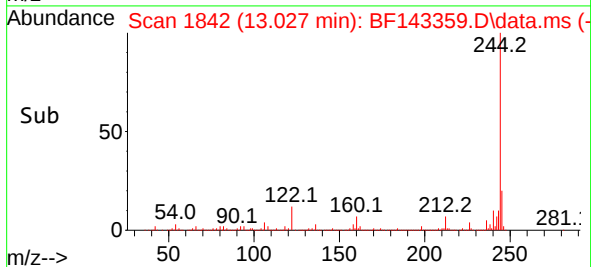
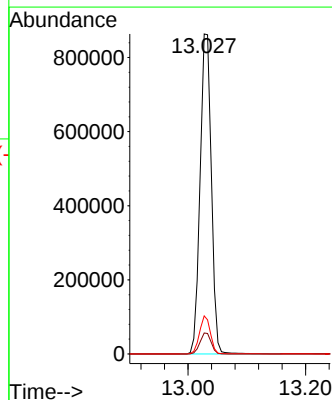
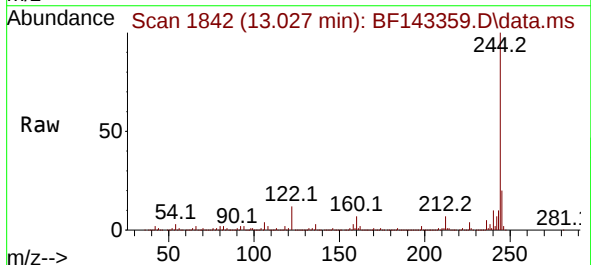
Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-EASTSIDE

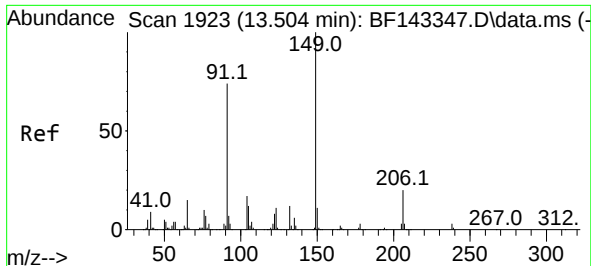
Tgt Ion:240 Resp: 361189
Ion Ratio Lower Upper
240 100
120 11.9 9.0 13.6
236 24.9 19.9 29.9



#79
Terphenyl-d14
Concen: 56.797 ng
RT: 13.027 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF143359.D
Acq: 12 Aug 2025 18:02

Tgt Ion:244 Resp: 1149046
Ion Ratio Lower Upper
244 100
212 6.5 5.1 7.7
122 11.9 8.9 13.3

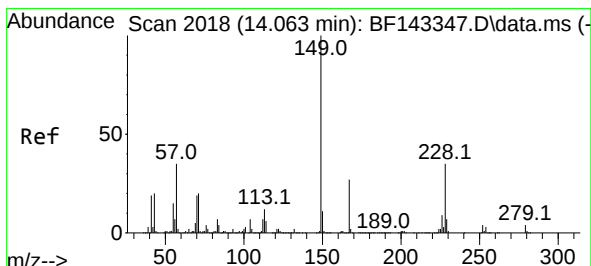
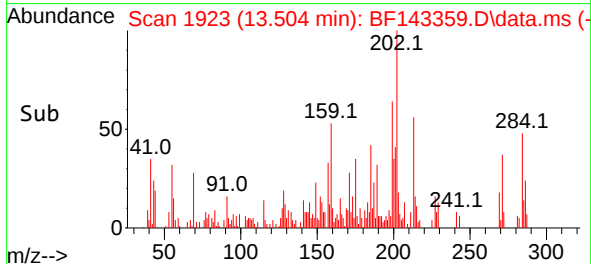
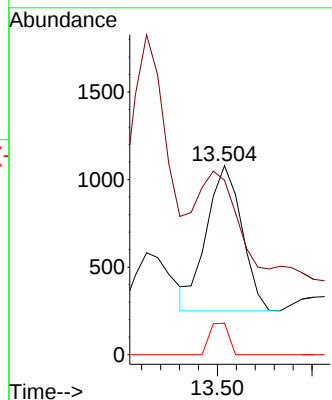
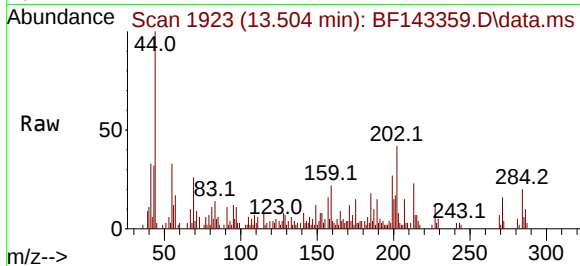




#80
 Butylbenzylphthalate
 Concen: 3.518 ng
 RT: 13.504 min Scan# 1923
 Delta R.T. -0.000 min
 Lab File: BF143359.D
 Acq: 12 Aug 2025 18:02

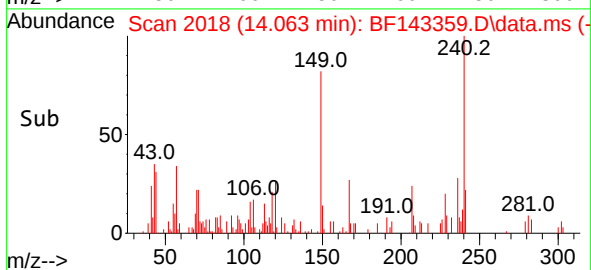
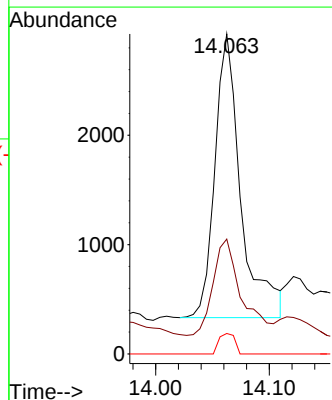
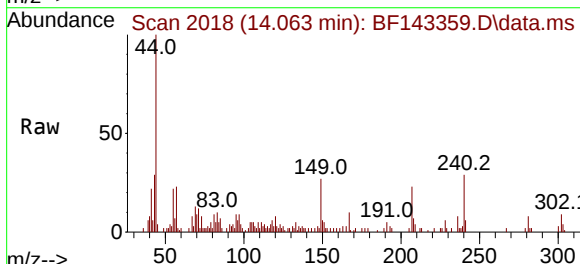
Instrument :
 BNA_F
 ClientSampleId :
 BIN0009-DRIVEWAY-TP-EASTSIDE

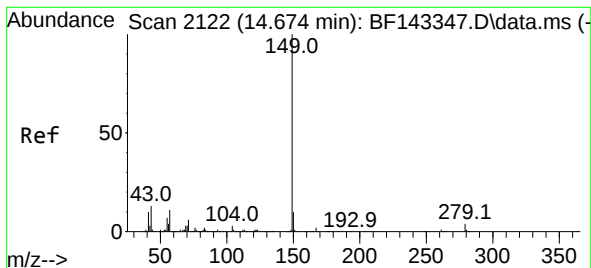
Tgt Ion:	149	Resp:	1079
Ion	Ratio	Lower	Upper
149	100		
91	92.3	58.8	88.2#
206	16.7	16.4	24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.418 ng
 RT: 14.063 min Scan# 1818
 Delta R.T. -0.000 min
 Lab File: BF143359.D
 Acq: 12 Aug 2025 18:02

Tgt Ion:	149	Resp:	4113
Ion	Ratio	Lower	Upper
149	100		
167	35.9	21.4	32.0#
279	6.4	3.2	4.8#





#85

Di-n-octyl phthalate

Concen: 6.066 ng

RT: 14.674 min Scan# 2122

Delta R.T. 0.000 min

Lab File: BF143359.D

Acq: 12 Aug 2025 18:02

Instrument :

BNA_F

ClientSampleId :

BIN0009-DRIVEWAY-TP-EASTSIDE

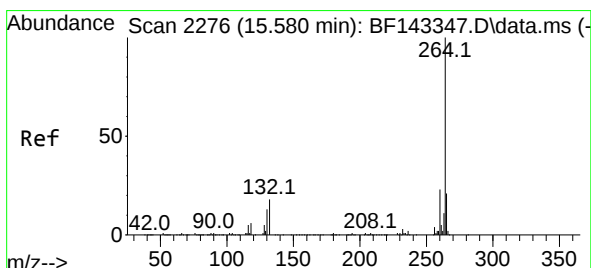
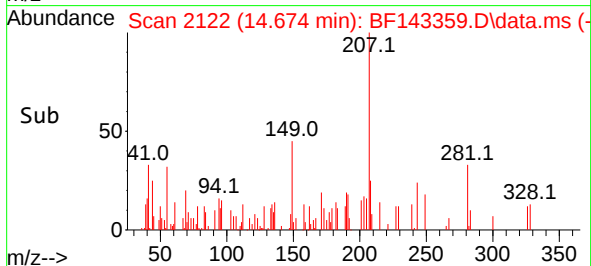
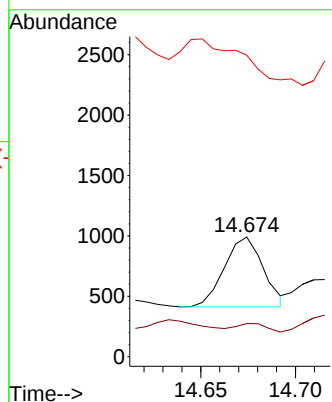
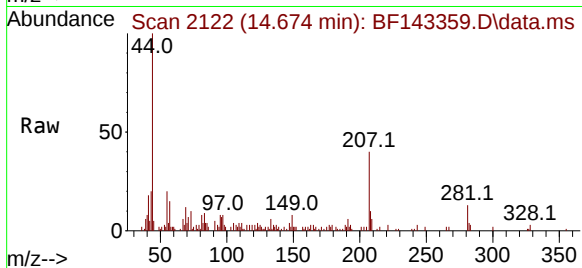
Tgt Ion:149 Resp: 825

Ion Ratio Lower Upper

149 100

167 9.0 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: BF143359.D

Acq: 12 Aug 2025 18:02

Tgt Ion:264 Resp: 408430

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 21.0 17.2 25.8

