

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092523\
 Data File : BF135436.D
 Acq On : 25 Sep 2023 19:54
 Operator : CG\JU
 Sample : 04567-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 01:44:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

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

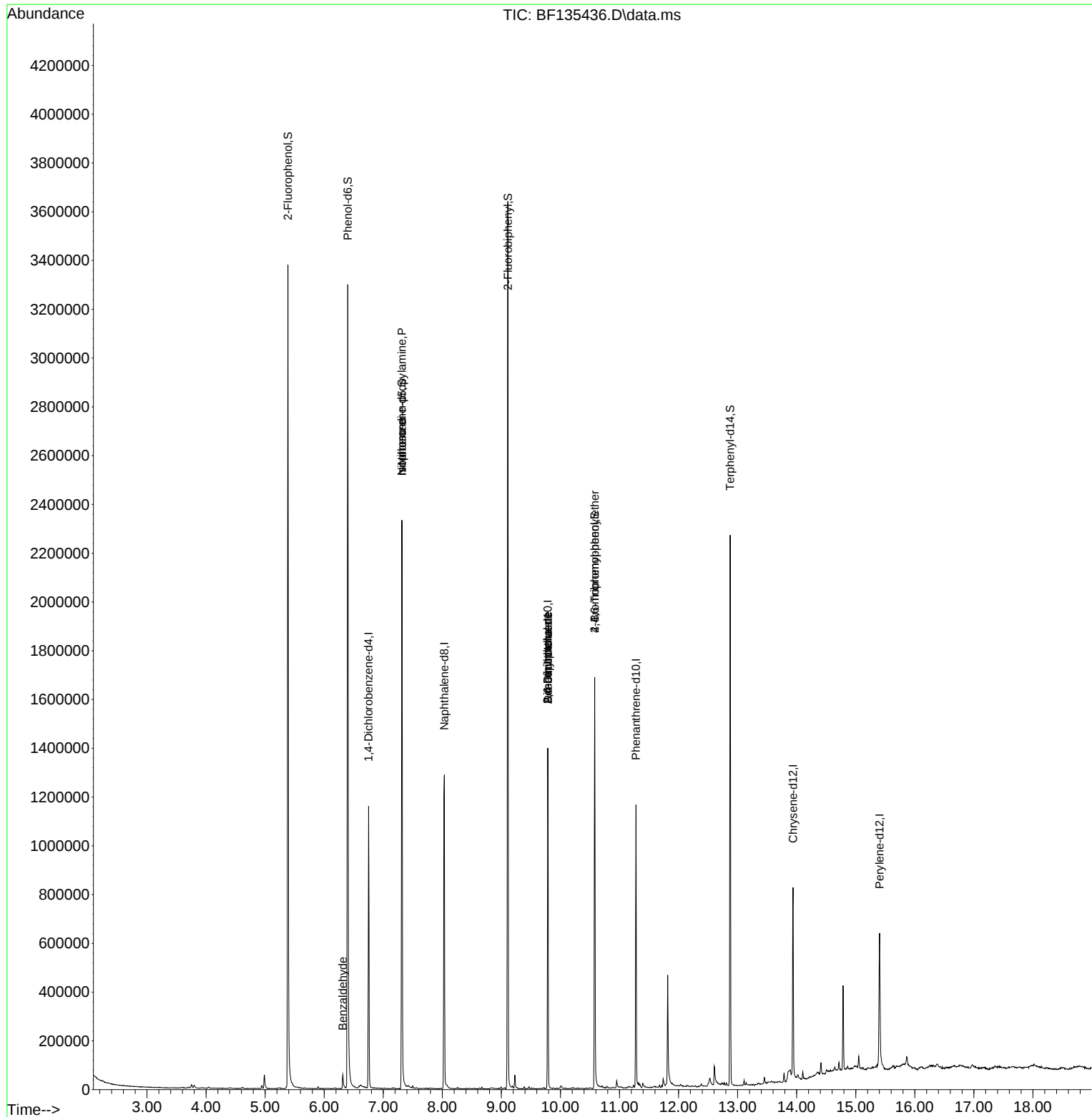
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	160659	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	593956	20.000	ng	0.00
39) Acenaphthene-d10	9.786	164	267263	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	393701	20.000	ng	# 0.00
76) Chrysene-d12	13.939	240	274769	20.000	ng	0.00
86) Perylene-d12	15.403	264	255981	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.386	112	908804	92.004	ng	0.00
7) Phenol-d6	6.398	99	1164123	92.682	ng	0.00
23) Nitrobenzene-d5	7.316	82	694916	63.564	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	183130	68.951	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	1135775	64.115	ng	0.00
79) Terphenyl-d14	12.874	244	758140	42.773	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.316	77	15425	2.156	ng	92
19) n-Nitroso-di-n-propyla...	7.316	70	91518	11.763	ng	# 81
25) Isophorone	7.316	82	693570	34.549	ng	# 65
50) Dimethylphthalate	9.786	163	49966	2.765	ng	# 1
51) 2,6-Dinitrotoluene	9.786	165	33214	8.391	ng	# 17
57) 2,4-Dinitrotoluene	9.786	165	33214	6.702	ng	# 19
67) 4-Bromophenyl-phenylether	10.580	248	12055	3.079	ng	# 1

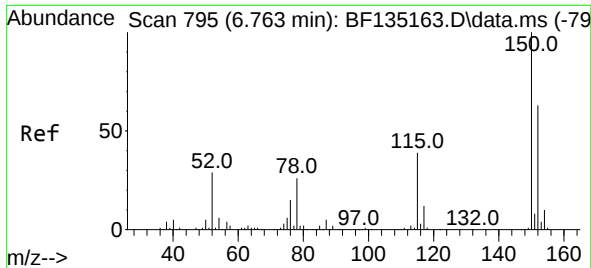
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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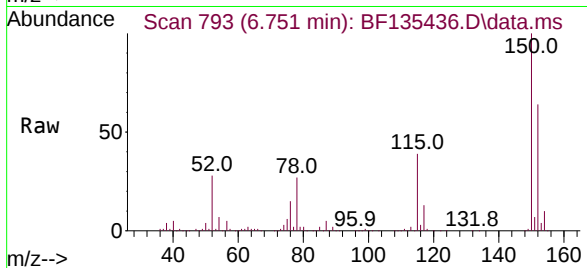
Quant Time: Sep 26 01:44:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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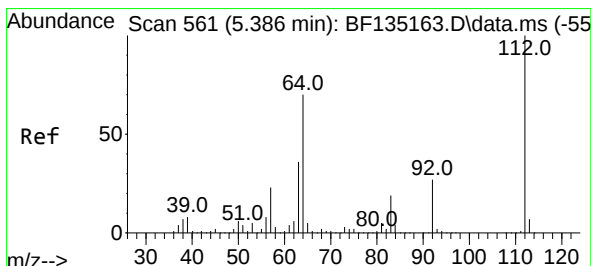
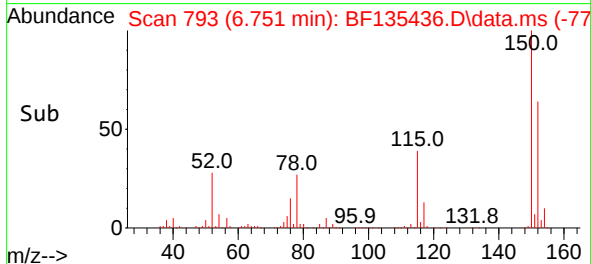
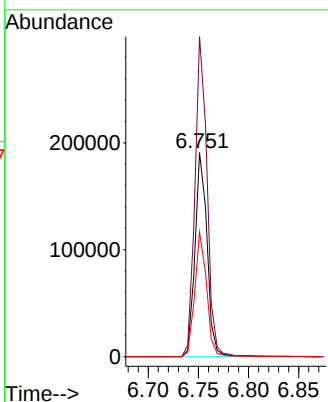


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.751 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: BF135436.D
 Acq: 25 Sep 2023 19:54

Instrument :
 BNA_F
 ClientSampleId :

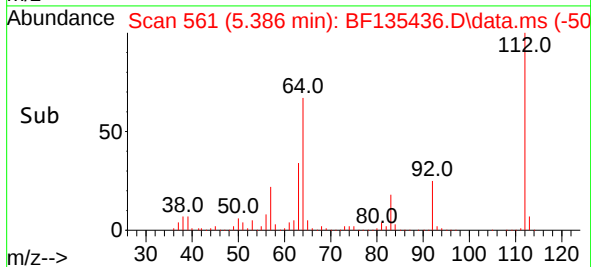
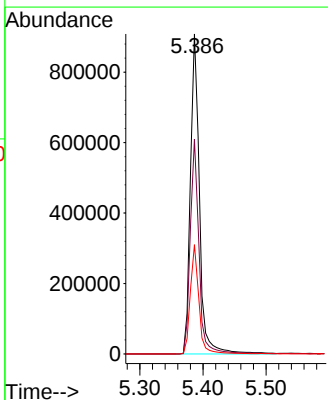
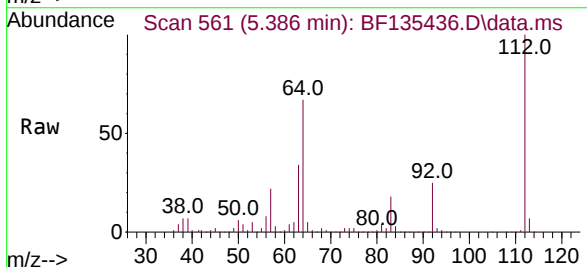


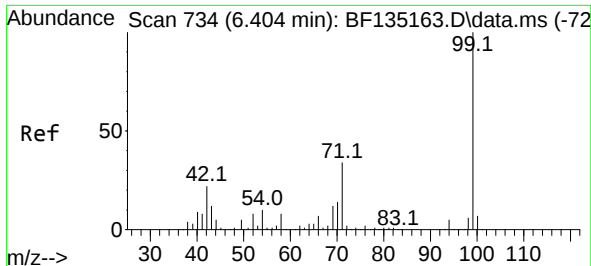
Tgt Ion:152 Resp: 160659
 Ion Ratio Lower Upper
 152 100
 150 156.8 127.8 191.6
 115 61.1 49.8 74.8



#5
 2-Fluorophenol
 Concen: 92.004 ng
 RT: 5.386 min Scan# 561
 Delta R.T. 0.006 min
 Lab File: BF135436.D
 Acq: 25 Sep 2023 19:54

Tgt Ion:112 Resp: 908804
 Ion Ratio Lower Upper
 112 100
 64 67.1 55.9 83.9
 63 34.1 29.0 43.6





#7

Phenol-d6

Concen: 92.682 ng

RT: 6.398 min Scan# 719

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

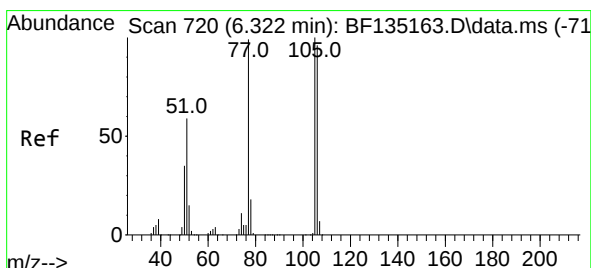
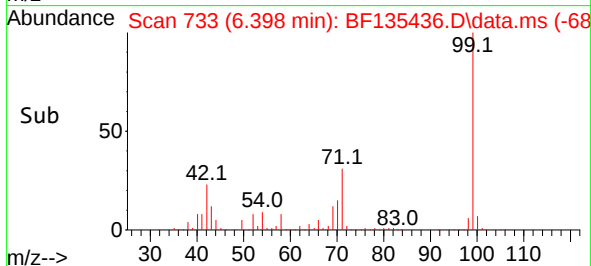
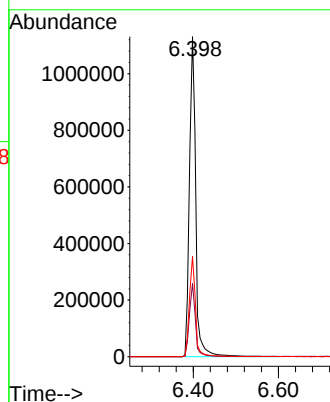
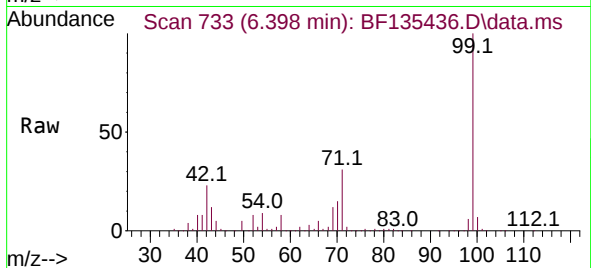
Tgt Ion: 99 Resp: 1164123

Ion Ratio Lower Upper

99 100

42 22.8 17.9 26.9

71 31.3 27.0 40.6



#9

Benzaldehyde

Concen: 2.156 ng

RT: 6.316 min Scan# 719

Delta R.T. 0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

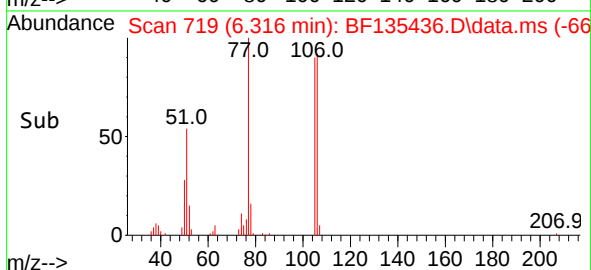
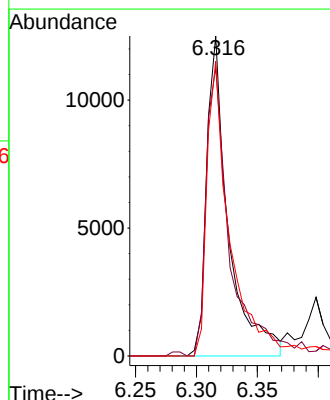
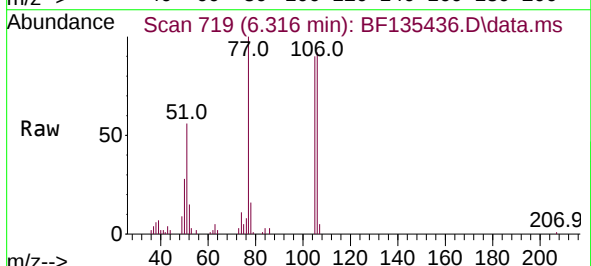
Tgt Ion: 77 Resp: 15425

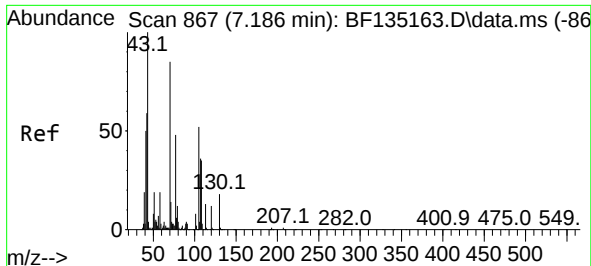
Ion Ratio Lower Upper

77 100

105 90.2 81.4 121.4

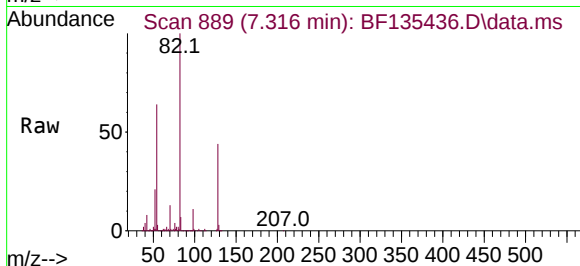
106 92.1 76.9 116.9



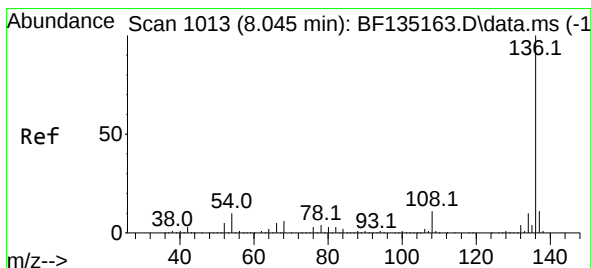
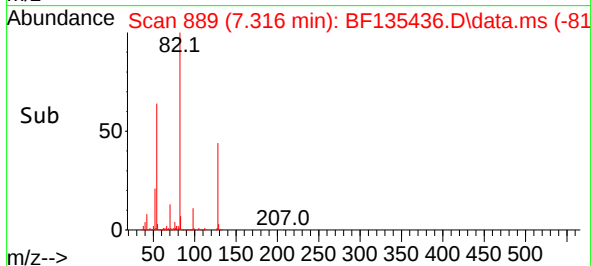
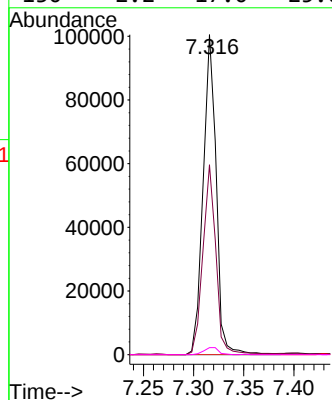


#19
n-Nitroso-di-n-propylamine
Concen: 11.763 ng
RT: 7.316 min Scan# 81
Delta R.T. 0.141 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

Instrument :
BNA_F
ClientSampleId :

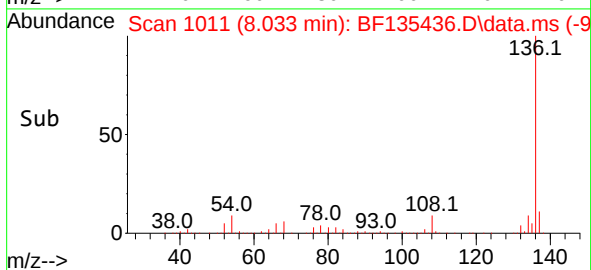
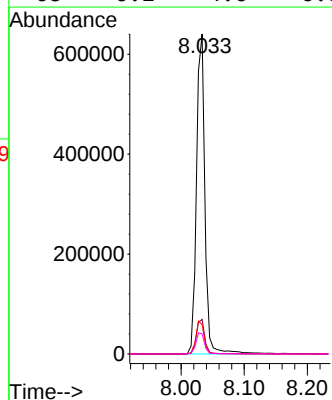
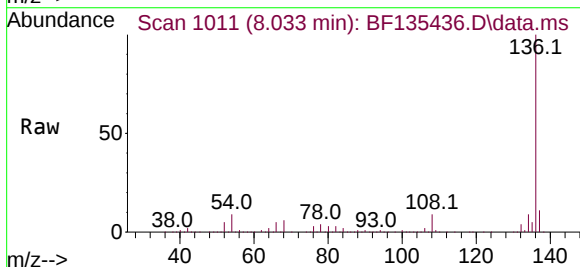


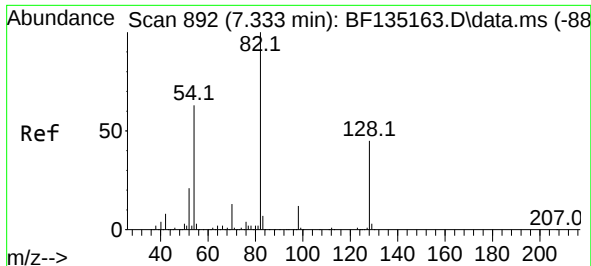
Tgt Ion: 70 Resp: 91518
Ion Ratio Lower Upper
70 100
42 59.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1011
Delta R.T. -0.000 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

Tgt Ion:136 Resp: 593956
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.7 11.5
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 63.564 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

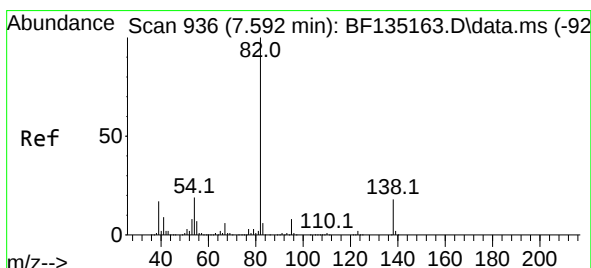
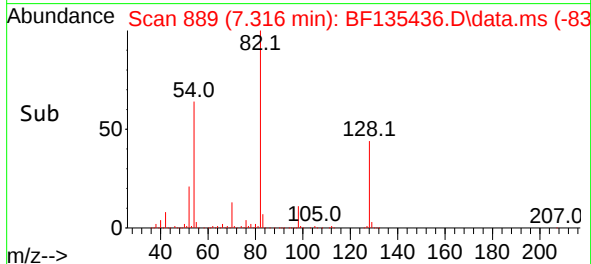
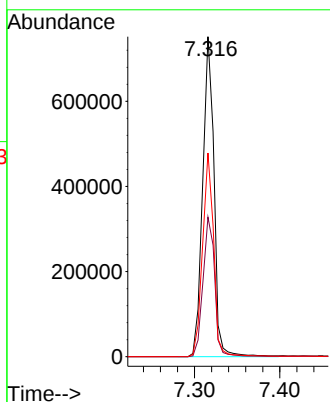
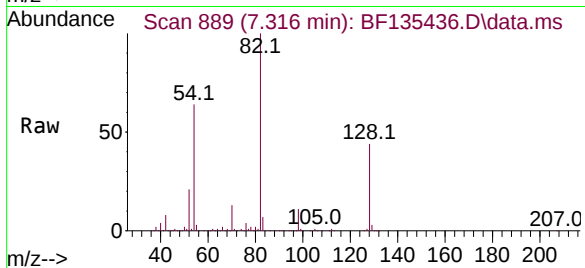
Tgt Ion: 82 Resp: 694916

Ion Ratio Lower Upper

82 100

128 43.6 35.8 53.6

54 63.6 50.6 76.0



#25

Isophorone

Concen: 34.549 ng

RT: 7.316 min Scan# 889

Delta R.T. -0.265 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

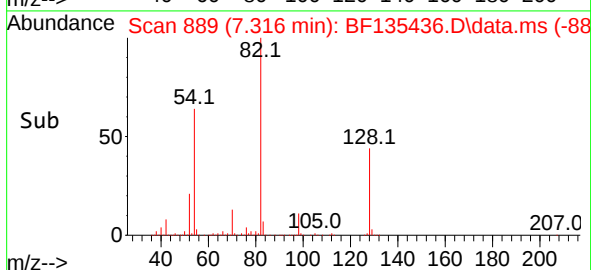
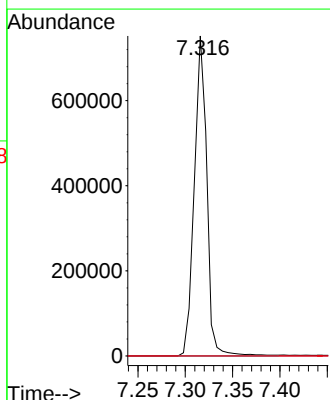
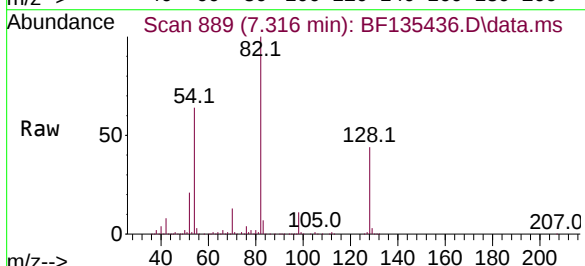
Tgt Ion: 82 Resp: 693570

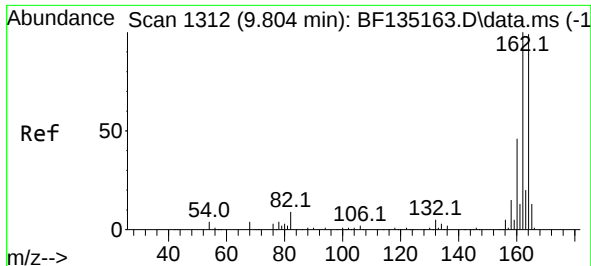
Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

138 0.0 14.5 21.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

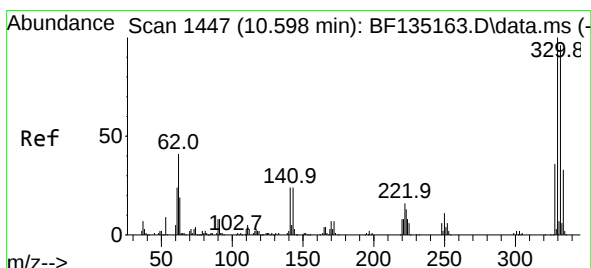
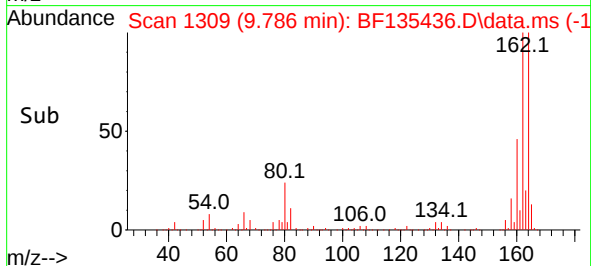
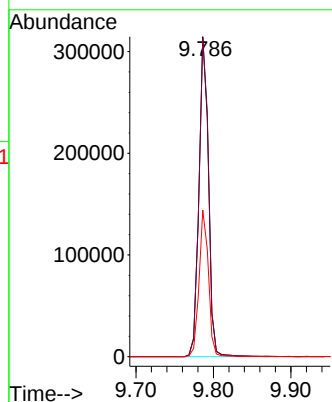
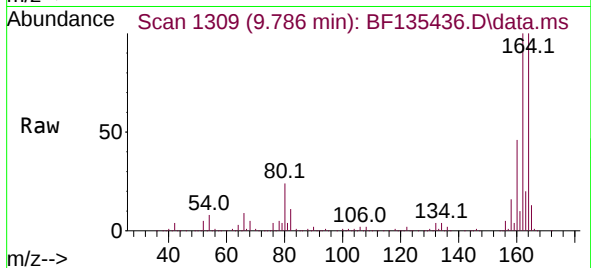
Tgt Ion:164 Resp: 267263

Ion Ratio Lower Upper

164 100

162 99.5 81.0 121.4

160 45.8 37.0 55.4



#42

2,4,6-Tribromophenol

Concen: 68.951 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

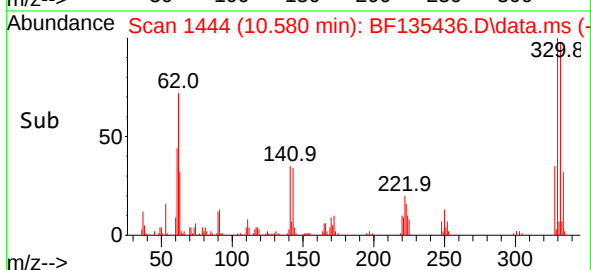
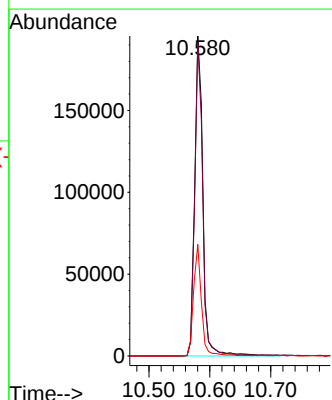
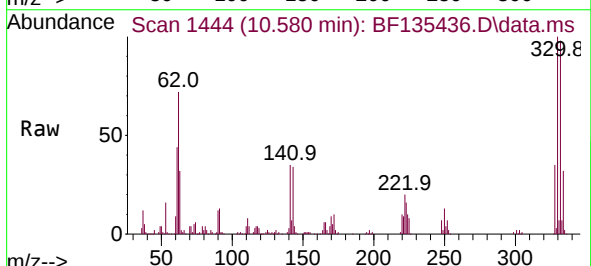
Tgt Ion:330 Resp: 183130

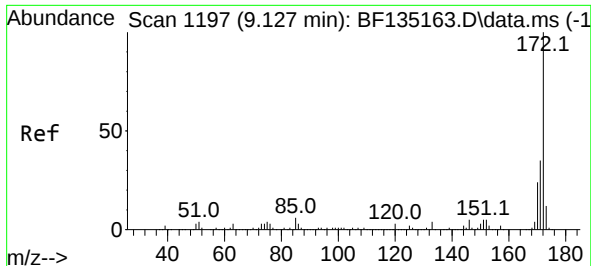
Ion Ratio Lower Upper

330 100

332 95.5 77.3 115.9

141 33.9 25.8 38.8





#45

2-Fluorobiphenyl

Concen: 64.115 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

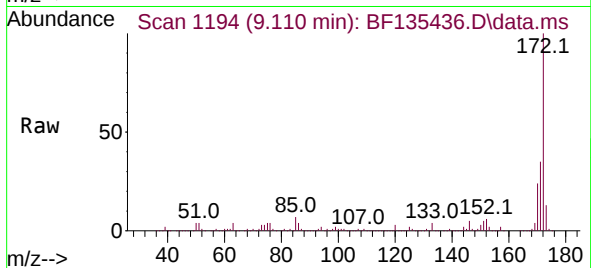
Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :



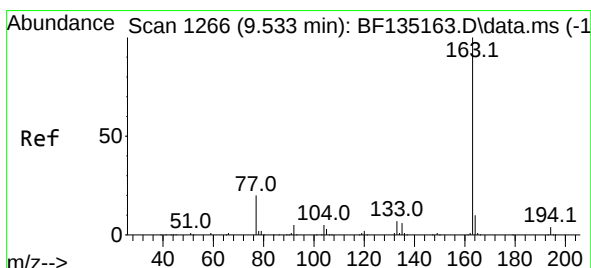
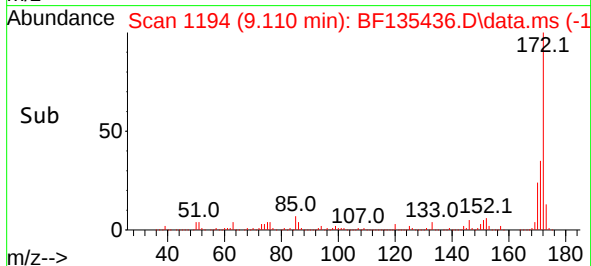
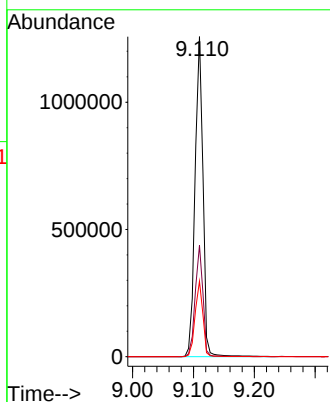
Tgt Ion:172 Resp: 1135775

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.6 19.0 28.4



#50

Dimethylphthalate

Concen: 2.765 ng

RT: 9.786 min Scan# 1309

Delta R.T. 0.264 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

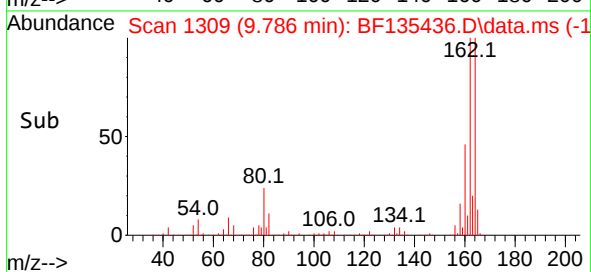
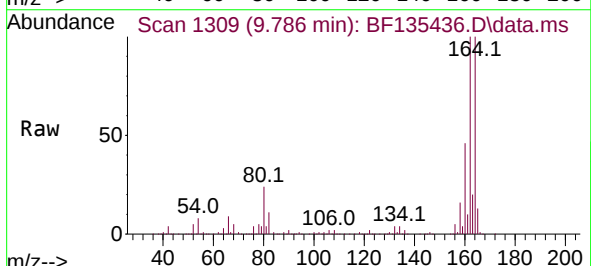
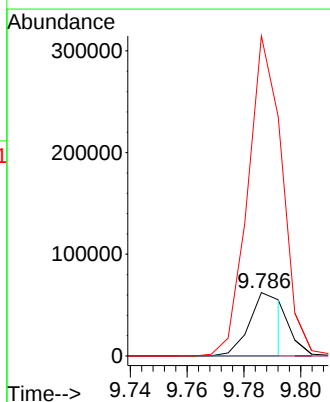
Tgt Ion:163 Resp: 49966

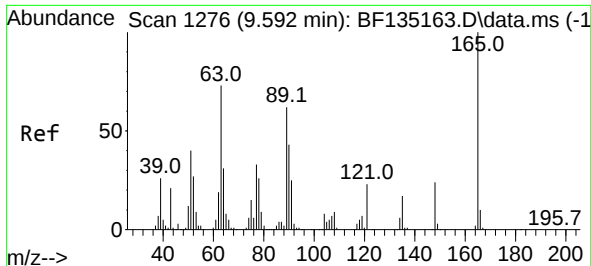
Ion Ratio Lower Upper

163 100

194 0.0 3.1 4.7#

164 505.6 8.1 12.1#

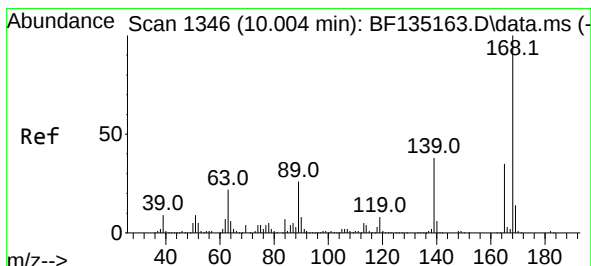
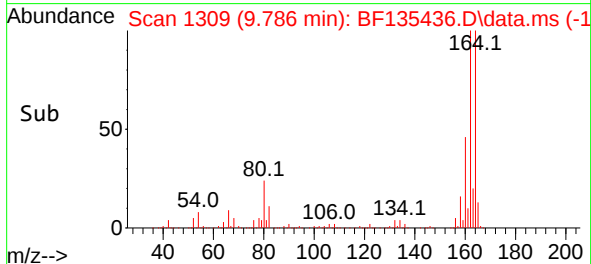
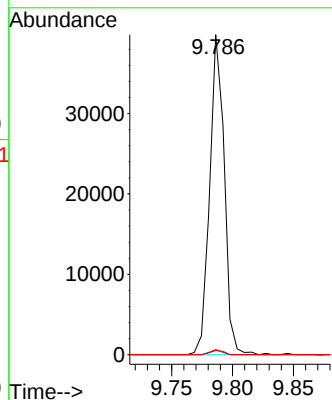
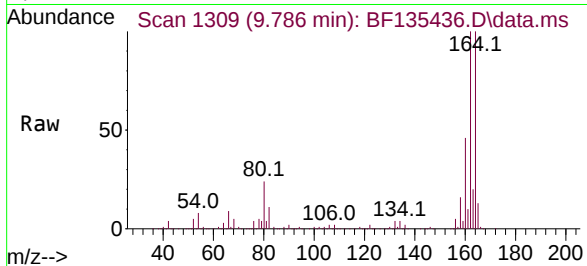




#51
2,6-Dinitrotoluene
Concen: 8.391 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

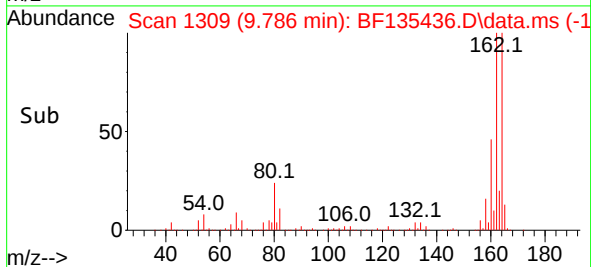
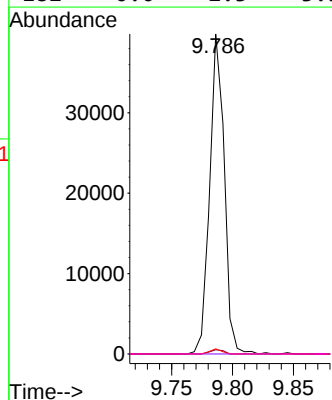
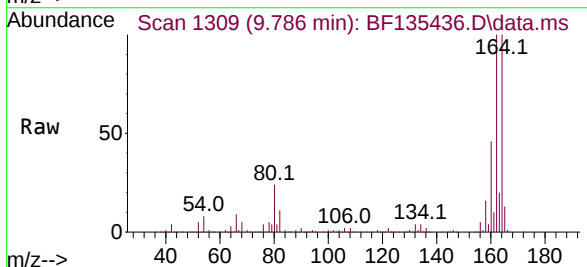
Instrument :
BNA_F
ClientSampleId :

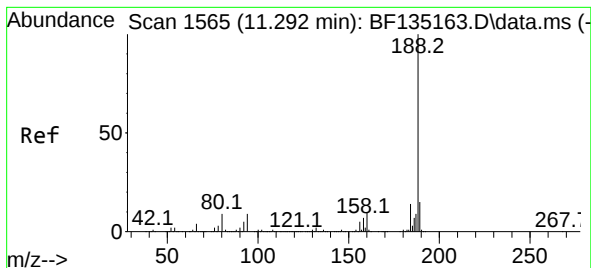
Tgt Ion:165 Resp: 33214
Ion Ratio Lower Upper
165 100
63 1.3 59.4 89.2#
89 1.6 49.8 74.8#



#57
2,4-Dinitrotoluene
Concen: 6.702 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.212 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

Tgt Ion:165 Resp: 33214
Ion Ratio Lower Upper
165 100
63 1.3 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :

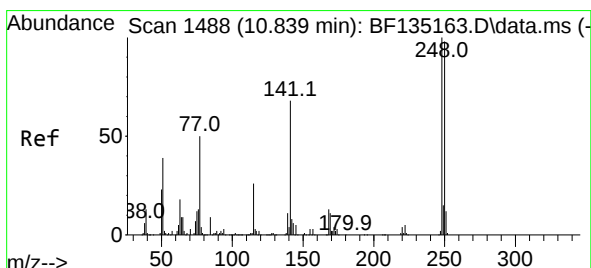
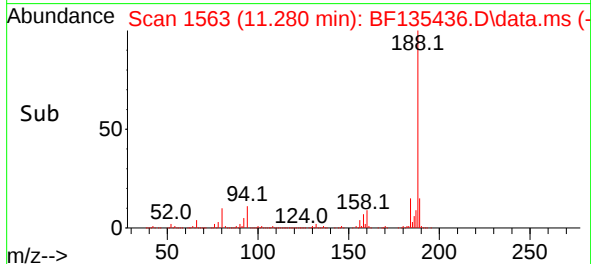
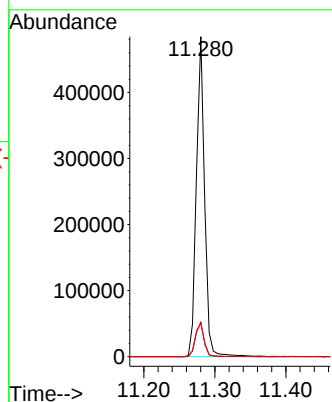
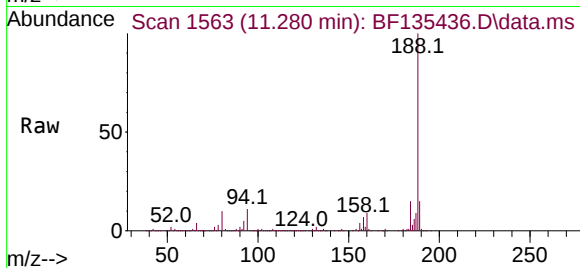
Tgt Ion:188 Resp: 393701

Ion Ratio Lower Upper

188 100

94 10.7 7.0 10.6#

80 10.5 7.5 11.3



#67

4-Bromophenyl-phenylether

Concen: 3.079 ng

RT: 10.580 min Scan# 1444

Delta R.T. -0.247 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

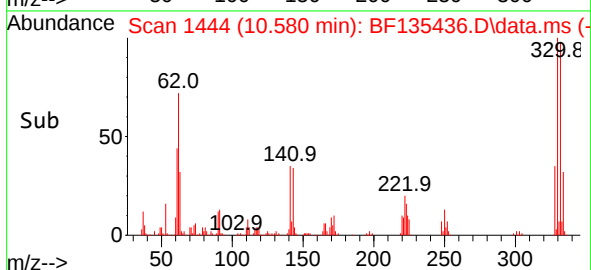
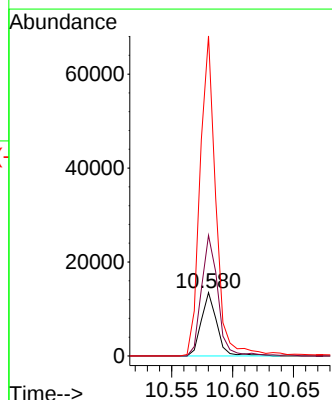
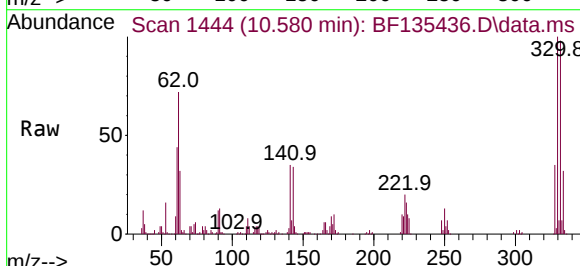
Tgt Ion:248 Resp: 12055

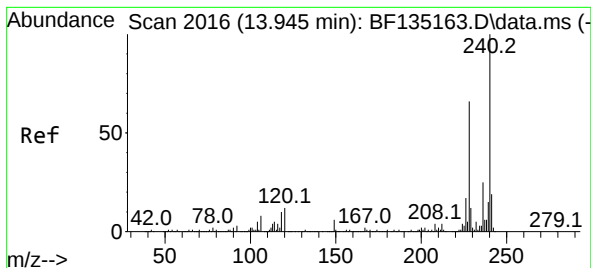
Ion Ratio Lower Upper

248 100

250 190.5 78.6 117.8#

141 505.0 54.2 81.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 2016

Delta R.T. -0.006 min

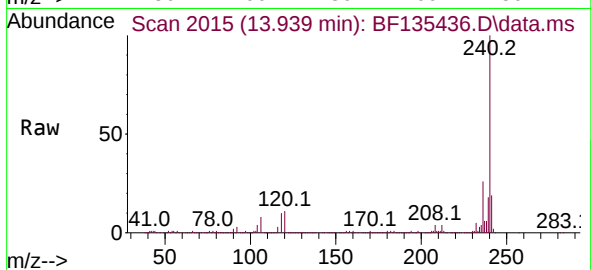
Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

Instrument :

BNA_F

ClientSampleId :



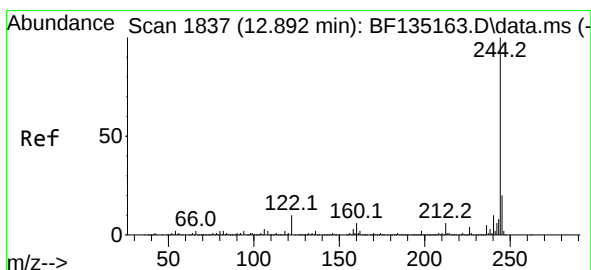
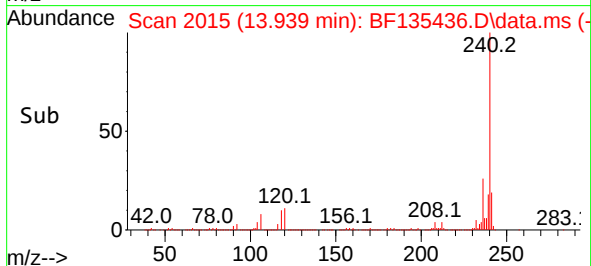
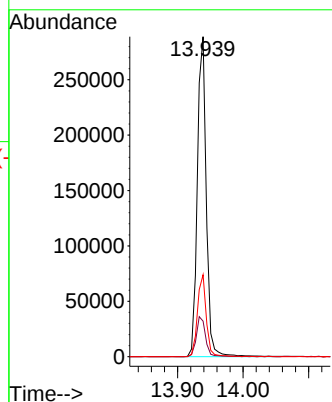
Tgt Ion:240 Resp: 274769

Ion Ratio Lower Upper

240 100

120 11.1 9.4 14.2

236 25.6 19.8 29.8



#79

Terphenyl-d14

Concen: 42.773 ng

RT: 12.874 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BF135436.D

Acq: 25 Sep 2023 19:54

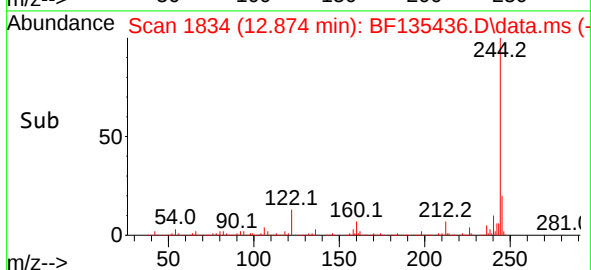
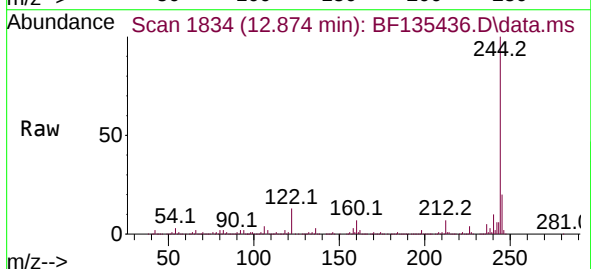
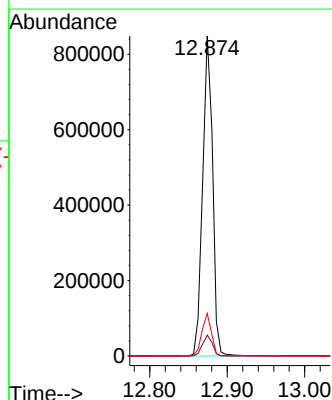
Tgt Ion:244 Resp: 758140

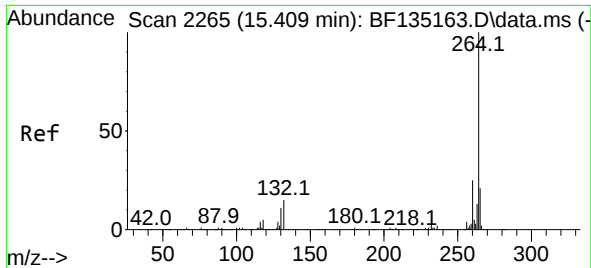
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

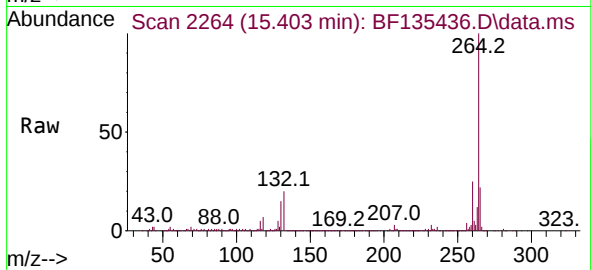
122 13.3 7.9 11.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.403 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF135436.D
Acq: 25 Sep 2023 19:54

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 255981
Ion Ratio Lower Upper
264 100
260 24.9 19.8 29.6
265 21.7 17.0 25.4

