

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090723\
 Data File : BF135130.D
 Acq On : 07 Sep 2023 12:42
 Operator : CG\JU
 Sample : 04283-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Sep 07 13:38:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 03:48:08 2023
 Response via : Initial Calibration

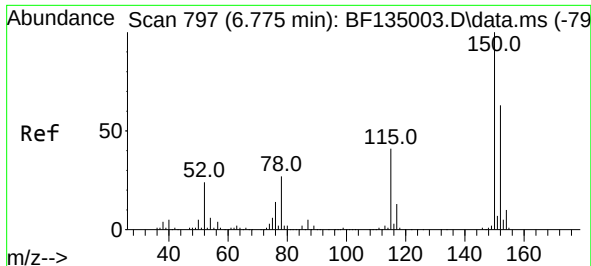
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	103156	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	425202	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	219777	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	387369	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	201114	20.000	ng	# 0.00
86) Perylene-d12	15.427	264	209572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	634830	95.057	ng	0.00
7) Phenol-d6	6.410	99	799993	96.104	ng	0.00
23) Nitrobenzene-d5	7.334	82	483813	63.925	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	217081	93.113	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	897110	66.458	ng	-0.01
79) Terphenyl-d14	12.898	244	884077	71.737	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	65800	13.308	ng	# 75
25) Isophorone	7.334	82	483803	33.715	ng	# 65
50) Dimethylphthalate	9.810	163	45285	2.943	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	29122	8.624	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	29122	6.920	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	13693	3.333	ng	# 1
77) Benzidine	12.898	184	11353	3.132	ng	# 92

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 03:48:08 2023
Response via : Initial Calibration

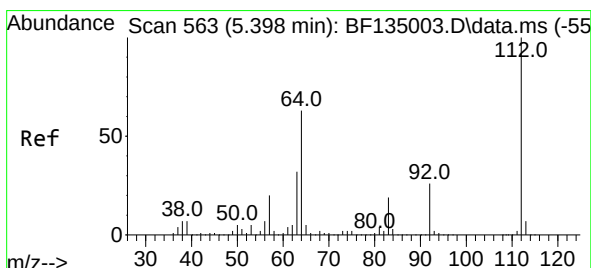
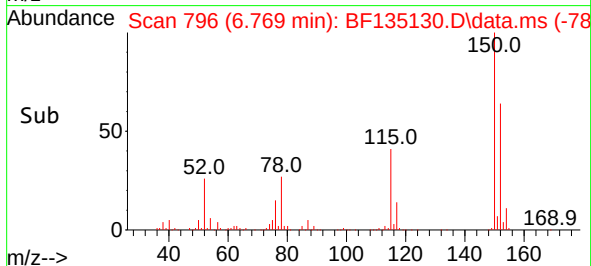
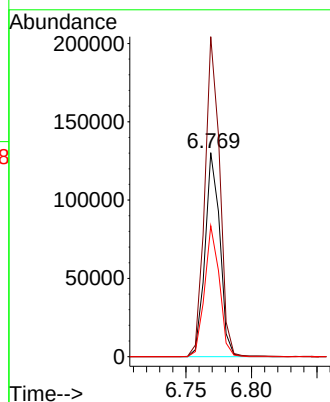
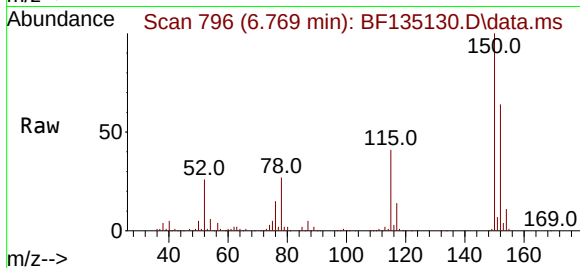




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135130.D
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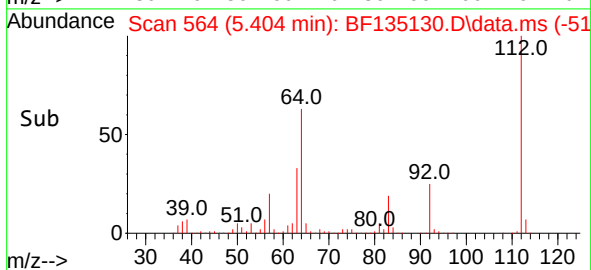
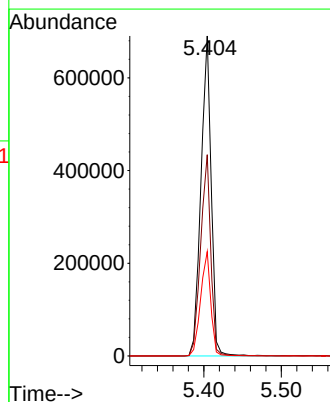
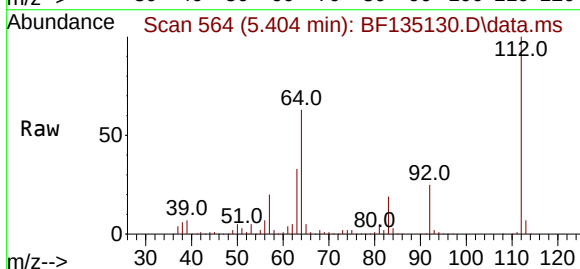
Instrument :
BNA_F
ClientSampleId :
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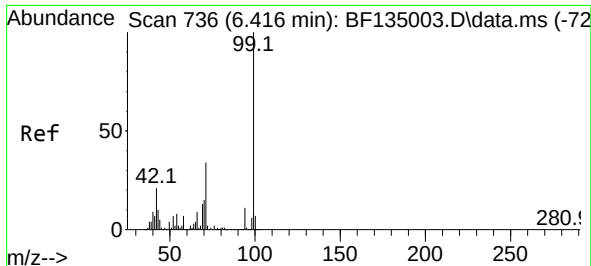
Tgt Ion:152 Resp: 103156
Ion Ratio Lower Upper
152 100
150 156.9 126.2 189.4
115 64.2 51.2 76.8



#5
2-Fluorophenol
Concen: 95.057 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion:112 Resp: 634830
Ion Ratio Lower Upper
112 100
64 62.9 50.5 75.7
63 32.6 25.9 38.9





#7
Phenol-d6
Concen: 96.104 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

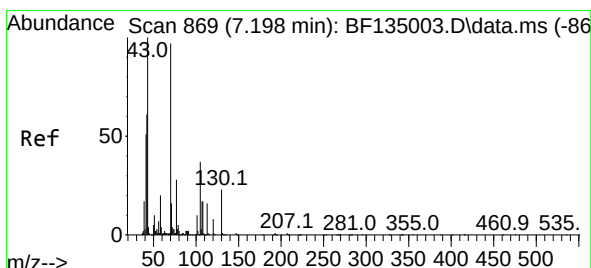
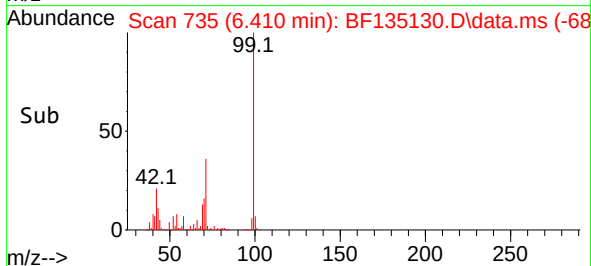
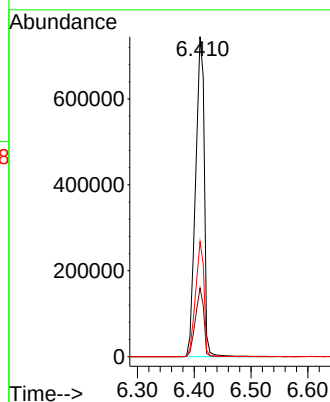
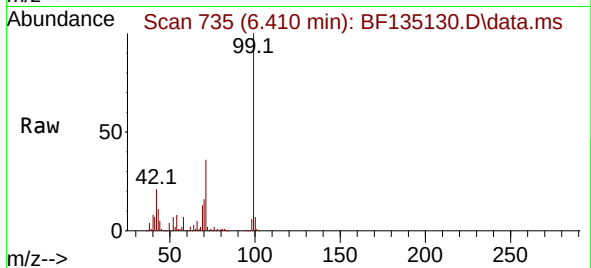
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BNA_F

ClientSampleId :

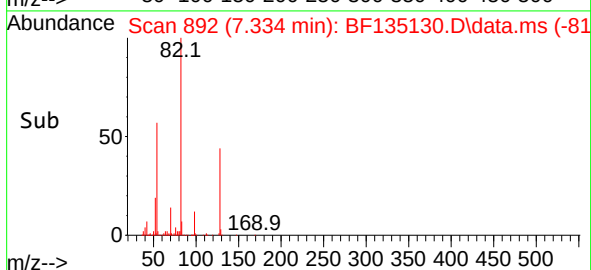
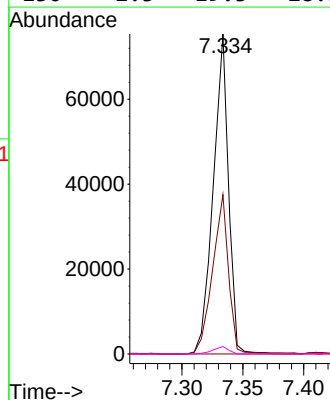
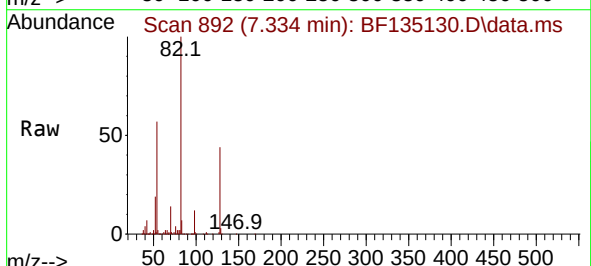
SB-2

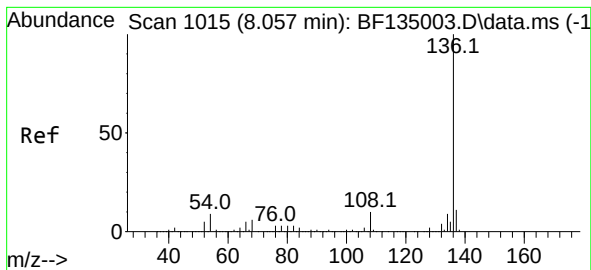
Tgt Ion: 99 Resp: 799993
Ion Ratio Lower Upper
99 100
42 21.4 16.6 25.0
71 36.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.308 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion: 70 Resp: 65800
Ion Ratio Lower Upper
70 100
42 49.8 50.2 75.4#
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.051 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 425202

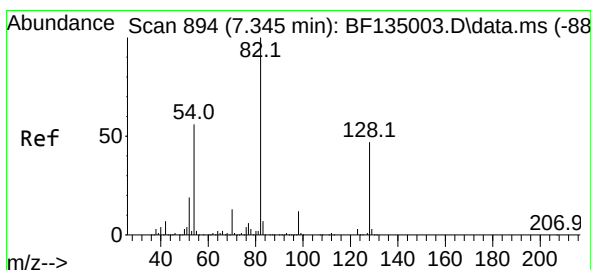
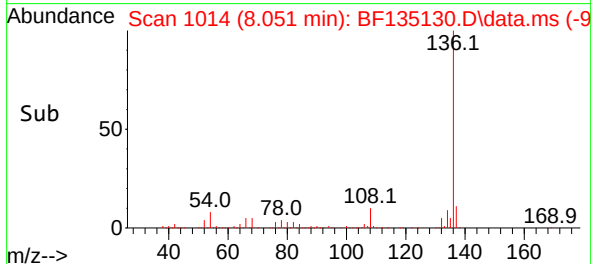
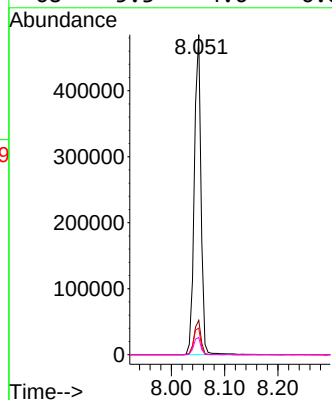
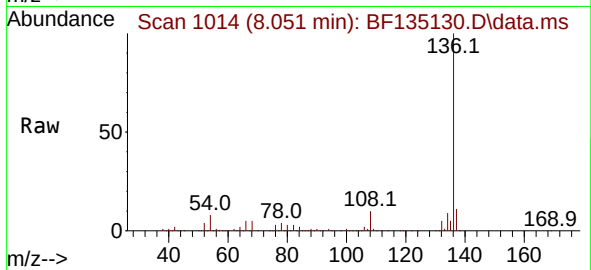
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.3 7.0 10.4

68 5.3 4.6 6.8



#23

Nitrobenzene-d5

Concen: 63.925 ng

RT: 7.334 min Scan# 892

Delta R.T. -0.012 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

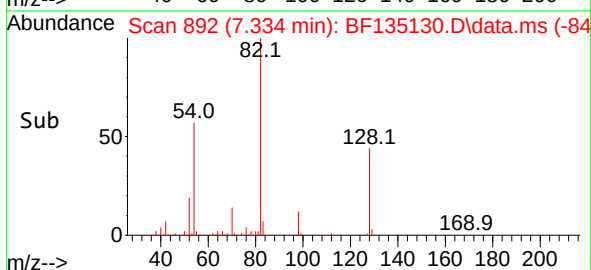
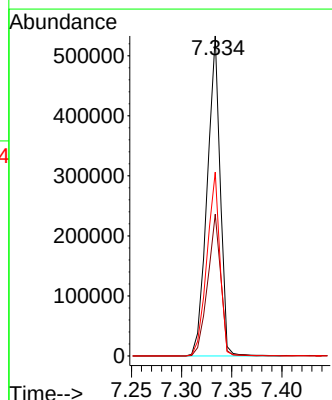
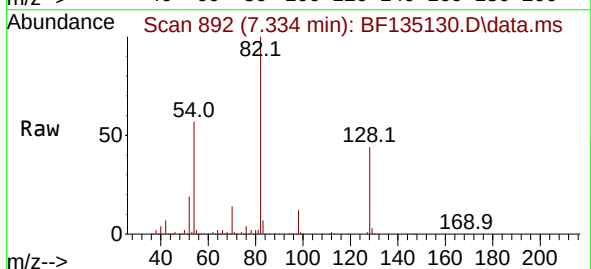
Tgt Ion: 82 Resp: 483813

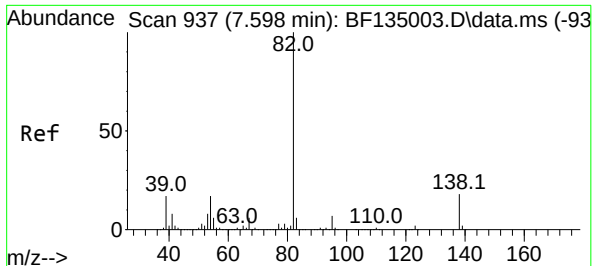
Ion Ratio Lower Upper

82 100

128 44.3 37.8 56.8

54 57.5 45.0 67.6

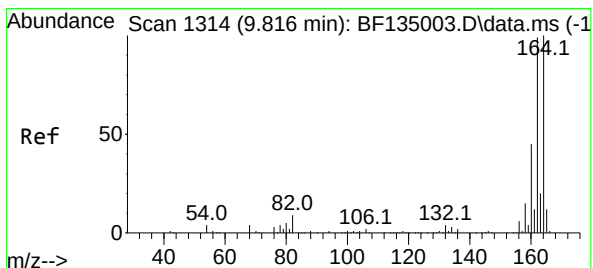
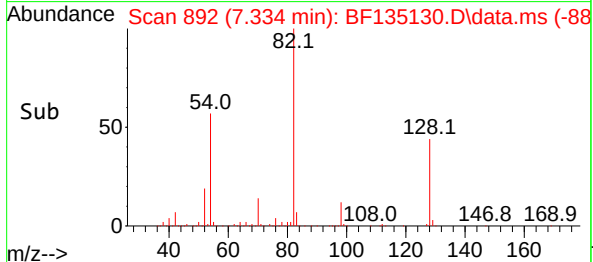
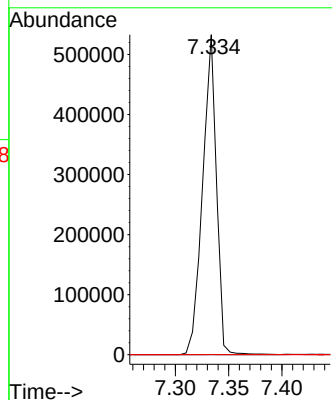
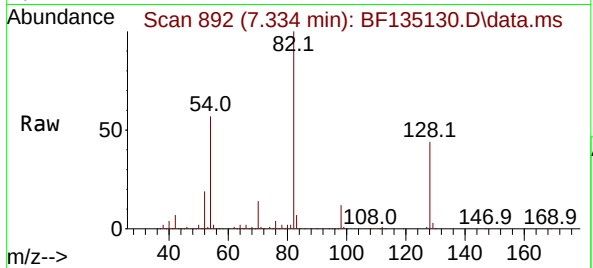




#25
Isophorone
Concen: 33.715 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

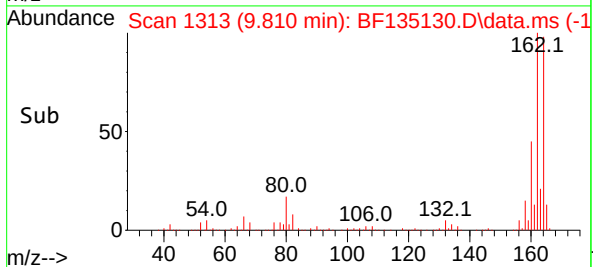
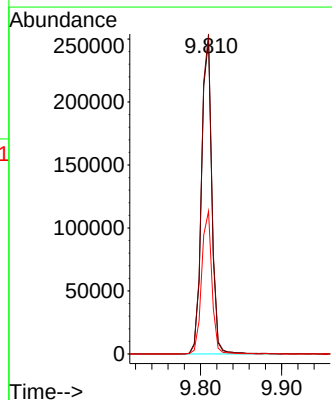
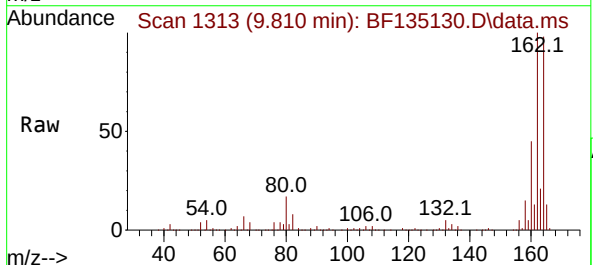
Instrument :
BNA_F
ClientSampleId :
SB-2

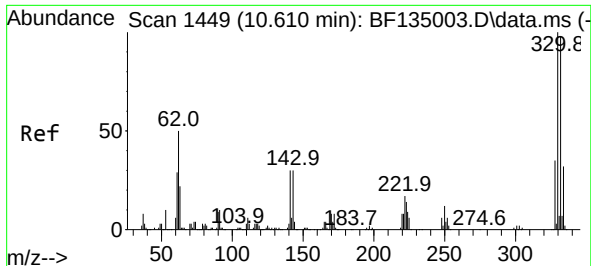
Tgt Ion: 82 Resp: 483803
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion: 164 Resp: 219777
Ion Ratio Lower Upper
164 100
162 101.9 79.5 119.3
160 45.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 93.113 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Instrument :

BNA_F

ClientSampleId :

SB-2

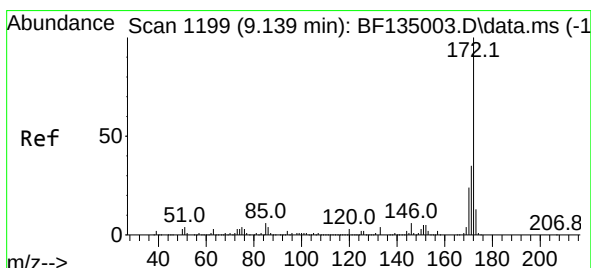
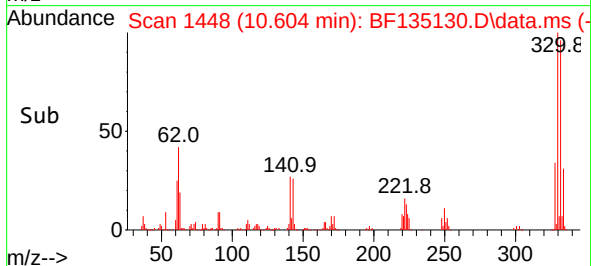
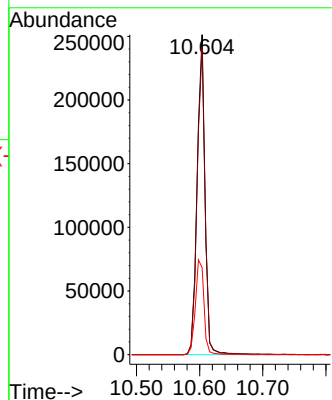
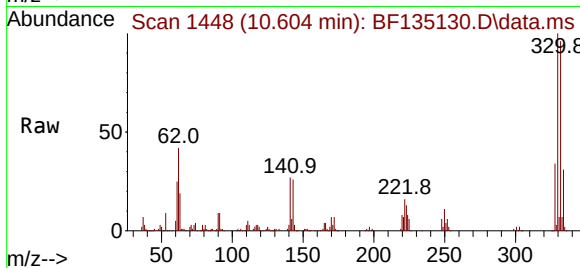
Tgt Ion:330 Resp: 217081

Ion Ratio Lower Upper

330 100

332 96.6 77.6 116.4

141 32.4 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 66.458 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

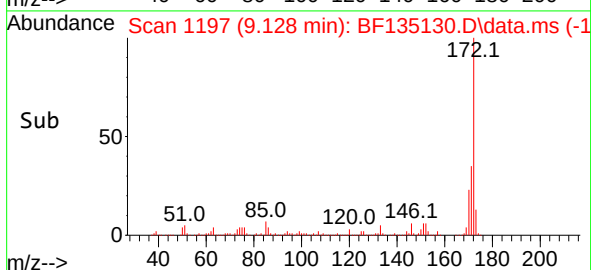
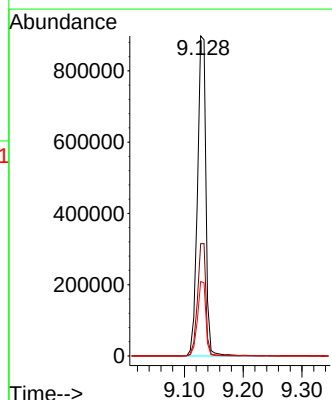
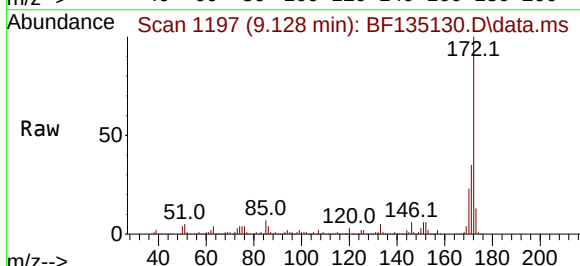
Tgt Ion:172 Resp: 897110

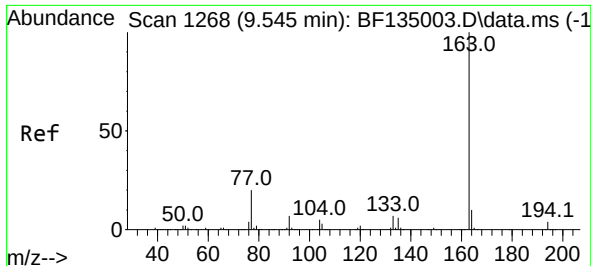
Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.2

170 23.3 19.0 28.4

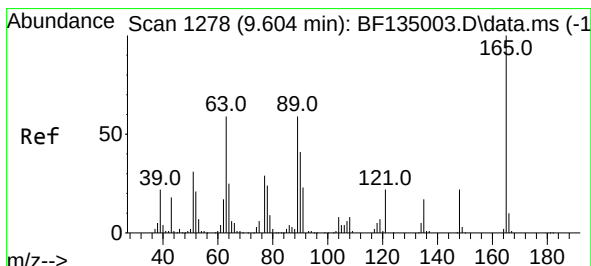
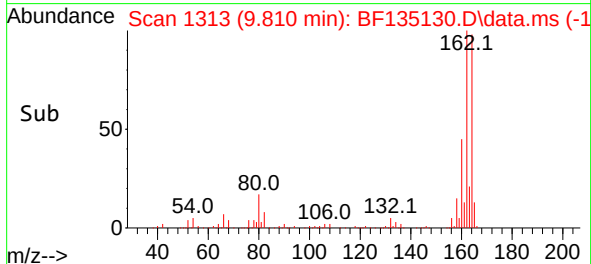
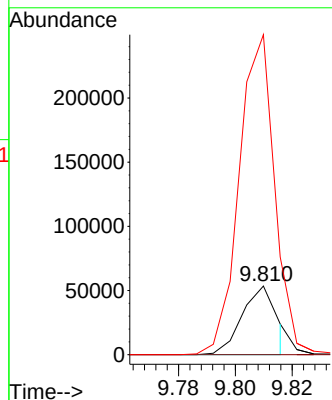
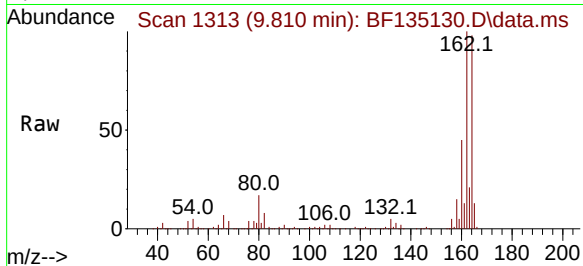




#50
Dimethylphthalate
Concen: 2.943 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

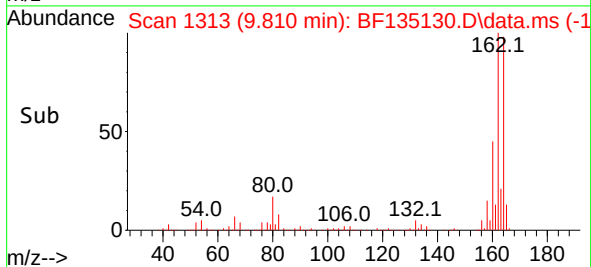
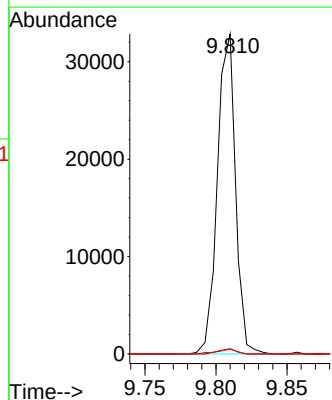
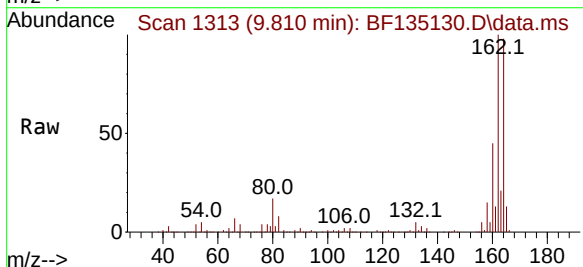
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ClientSampleId :
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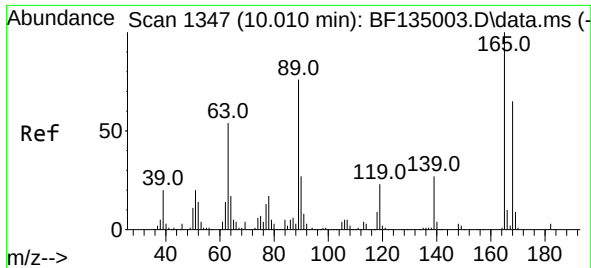
Tgt Ion:163 Resp: 45285
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 465.9 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.624 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion:165 Resp: 29122
Ion Ratio Lower Upper
165 100
63 1.6 50.4 75.6#
89 1.5 47.1 70.7#

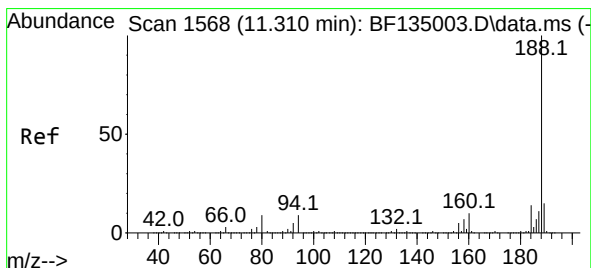
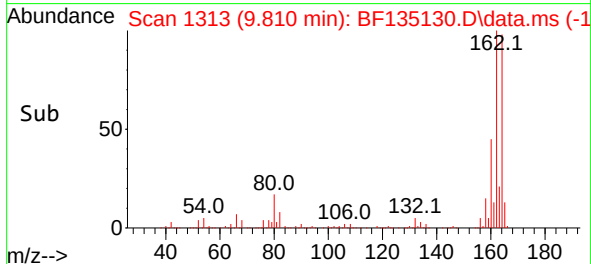
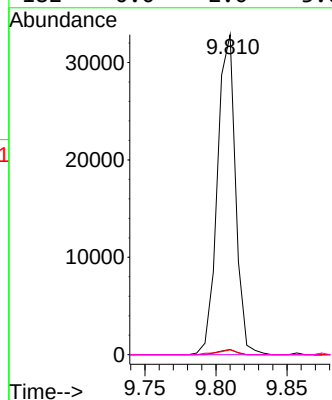
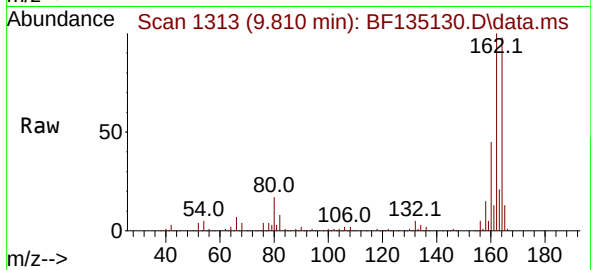




#57
2,4-Dinitrotoluene
Concen: 6.920 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

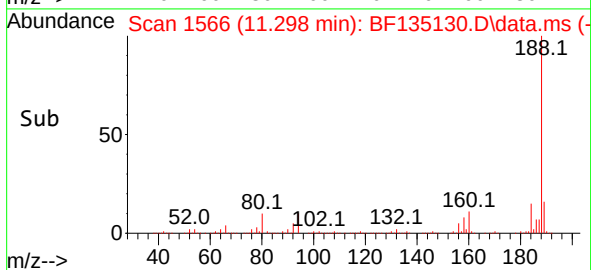
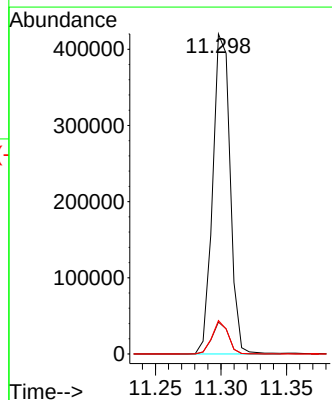
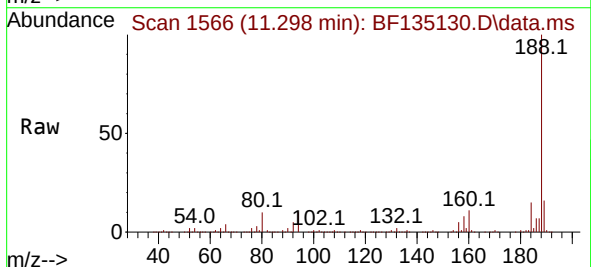
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BNA_F
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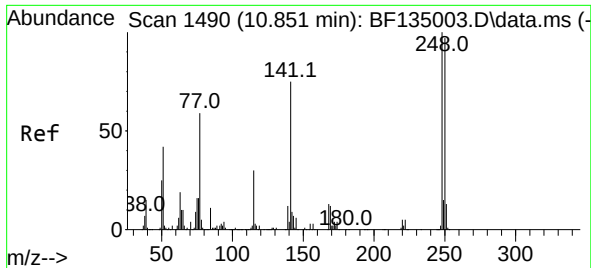
Tgt Ion:165 Resp: 29122
Ion Ratio Lower Upper
165 100
63 1.6 43.2 64.8#
89 1.5 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion:188 Resp: 387369
Ion Ratio Lower Upper
188 100
94 9.9 7.0 10.4
80 10.4 7.4 11.2

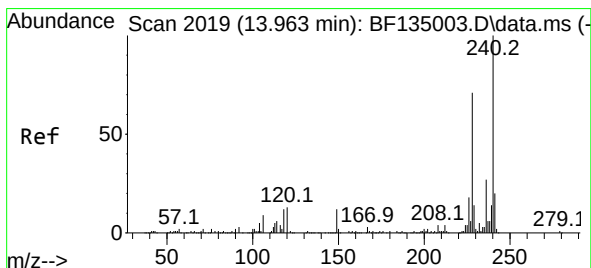
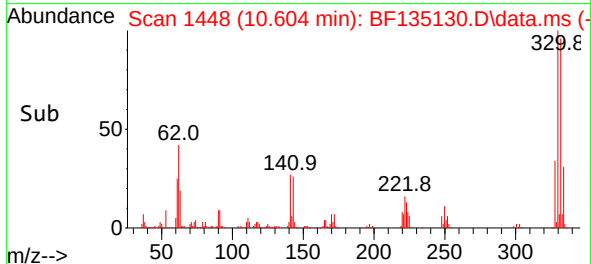
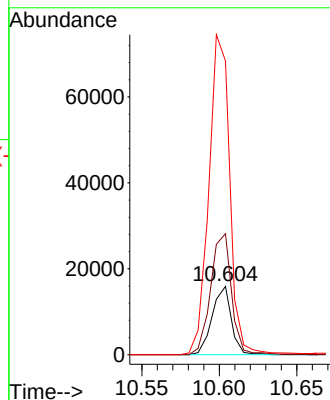
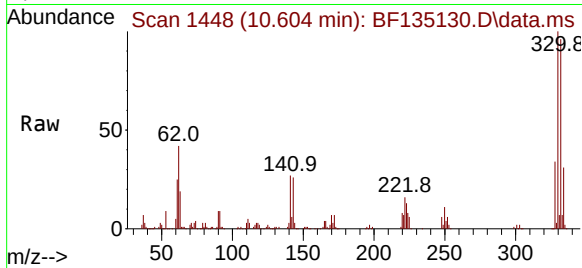




#67
4-Bromophenyl-phenylether
Concen: 3.333 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

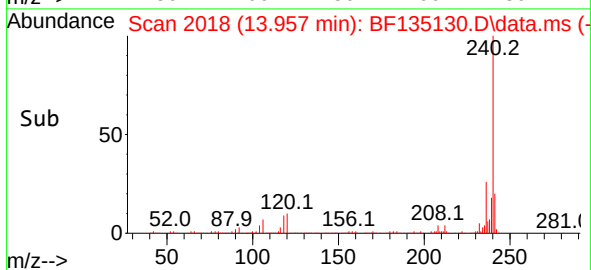
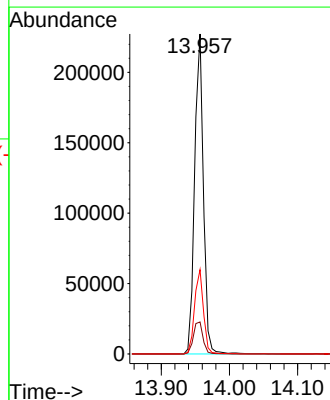
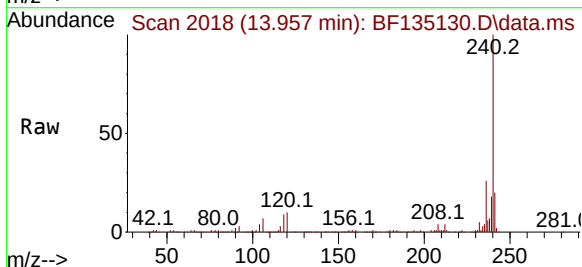
Instrument :
BNA_F
ClientSampleId :
SB-2

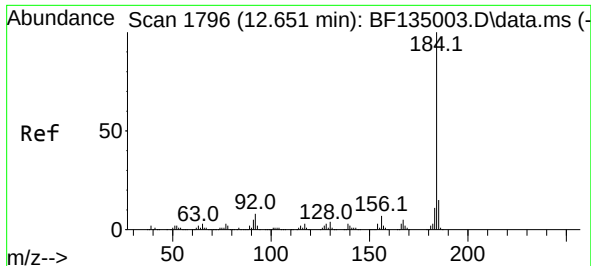
Tgt Ion:248 Resp: 13693
Ion Ratio Lower Upper
248 100
250 177.2 77.9 116.9#
141 430.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion:240 Resp: 201114
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.2#
236 26.3 21.3 31.9

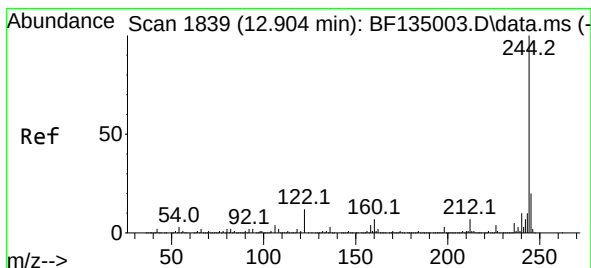
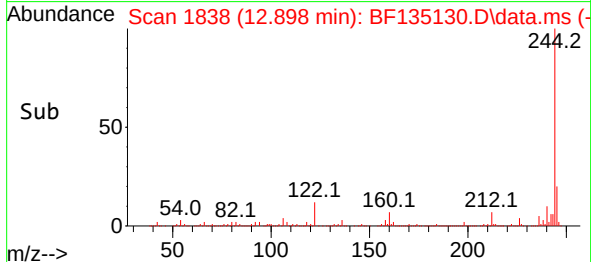
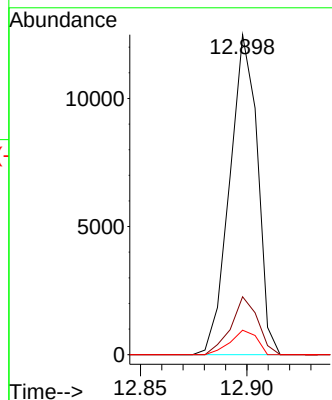
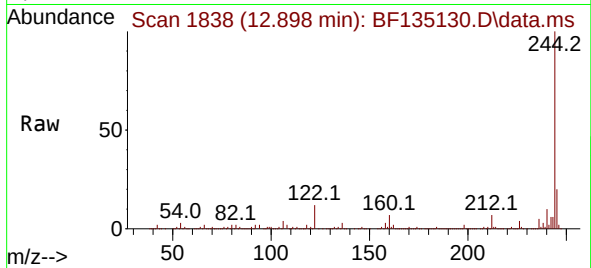




#77
Benzidine
Concen: 3.132 ng
RT: 12.898 min Scan# 1838
Delta R.T. 0.247 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

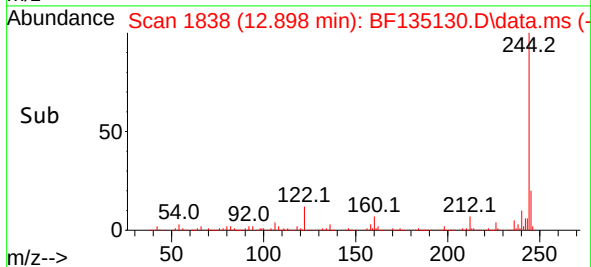
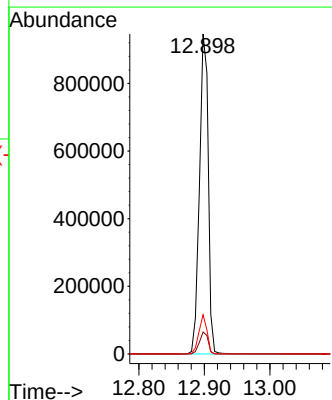
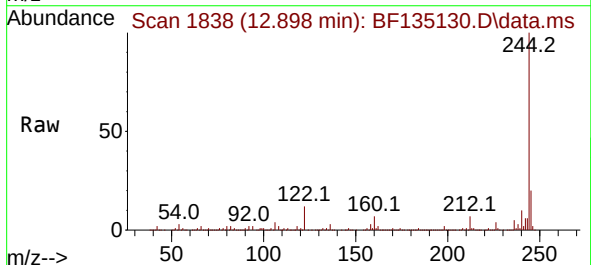
Instrument :
BNA_F
ClientSampleId :
SB-2

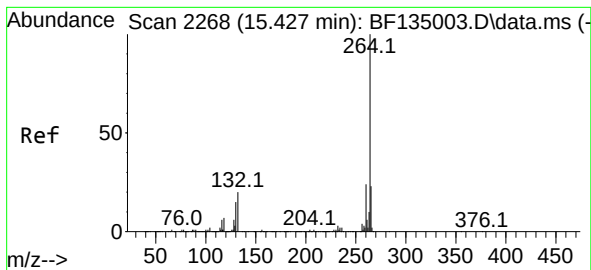
Tgt Ion:184 Resp: 11353
Ion Ratio Lower Upper
184 100
185 18.1 12.0 18.0#
183 7.6 9.0 13.6#



#79
Terphenyl-d14
Concen: 71.737 ng
RT: 12.898 min Scan# 1838
Delta R.T. -0.006 min
Lab File: BF135130.D
Acq: 07 Sep 2023 12:42

Tgt Ion:244 Resp: 884077
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 12.2 9.8 14.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.427 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF135130.D

Acq: 07 Sep 2023 12:42

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion:264 Resp: 209572

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.1 18.2 27.2

