

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090523\
 Data File : BF135094.D
 Acq On : 05 Sep 2023 14:26
 Operator : CG\JU
 Sample : 04109-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-01(6-7)

Quant Time: Sep 05 14:58:47 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)

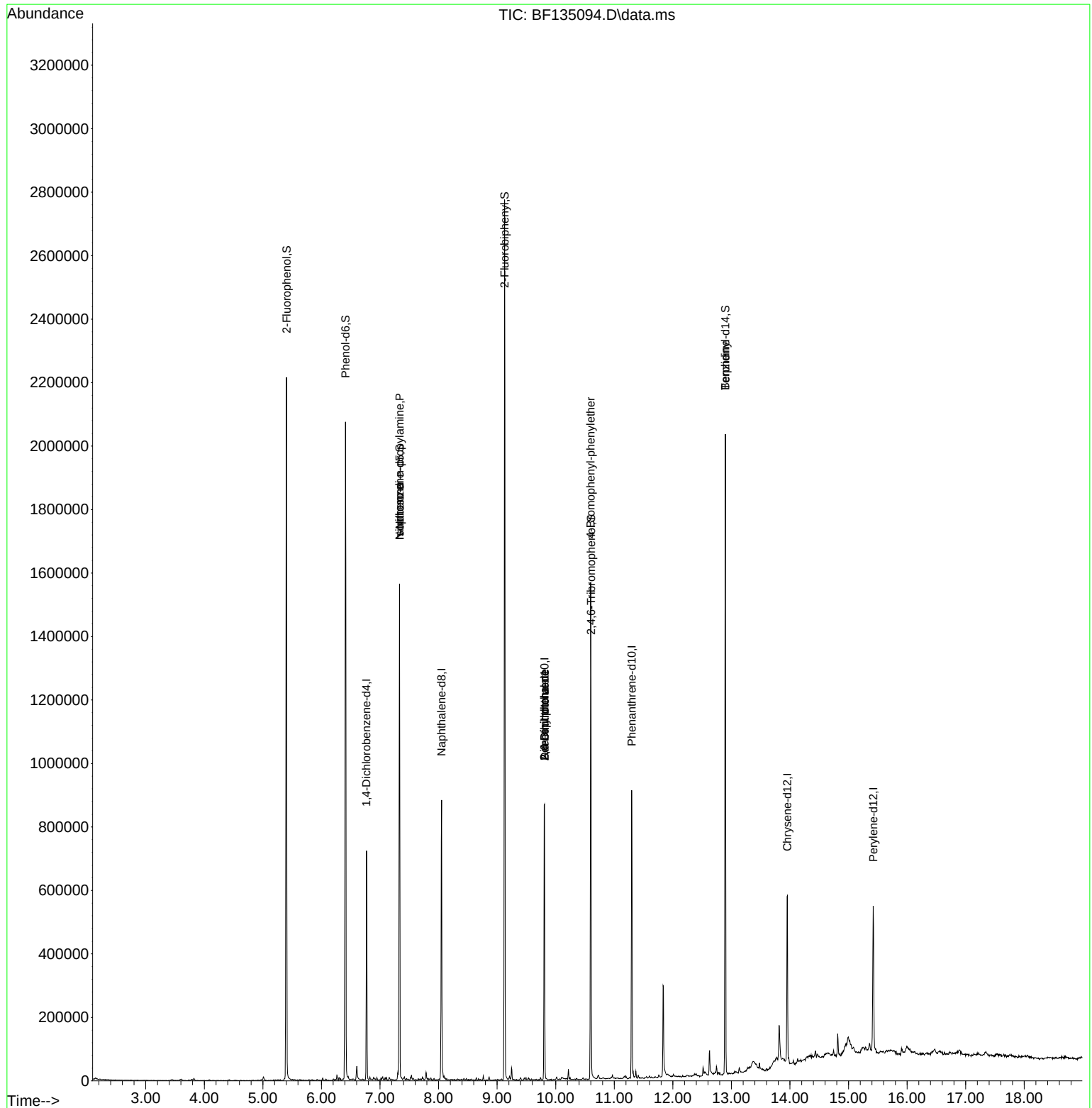
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	94077	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	373058	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	185320	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	308551	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	183410	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	211672	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	603436	99.076	ng	0.00
7) Phenol-d6	6.410	99	744670	98.092	ng	0.00
23) Nitrobenzene-d5	7.333	82	455752	68.634	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	186440	94.839	ng	0.00
45) 2-Fluorobiphenyl	9.127	172	831902	73.086	ng	-0.01
79) Terphenyl-d14	12.898	244	662975	58.989	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.333	70	61961	13.741	ng	# 76
25) Isophorone	7.333	82	455731	36.198	ng	# 65
50) Dimethylphthalate	9.810	163	39148	3.017	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	23890	8.390	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	23890	6.733	ng	# 20
67) 4-Bromophenyl-phenylether	10.598	248	12195	3.726	ng	# 1
77) Benzidine	12.898	184	8491	2.568	ng	# 90

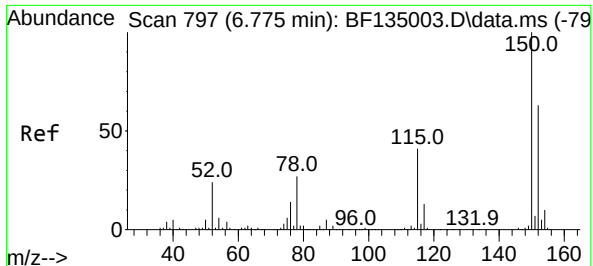
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

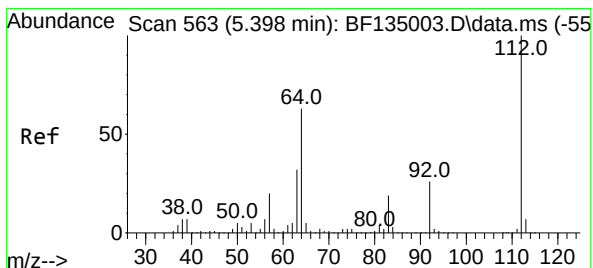
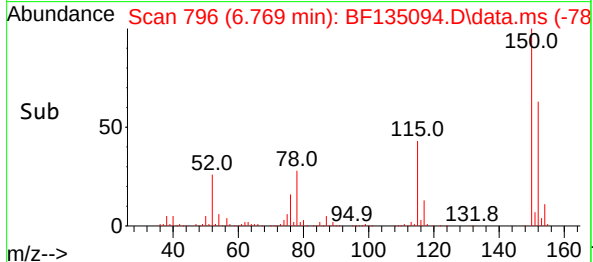
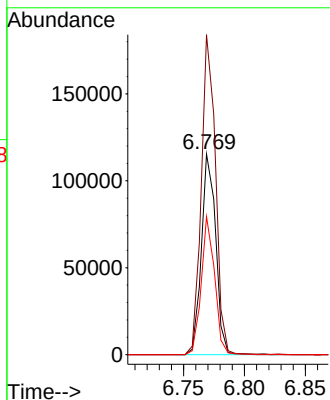
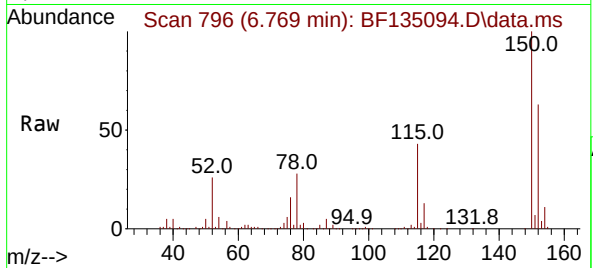




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

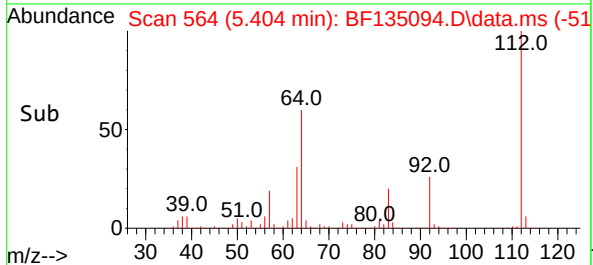
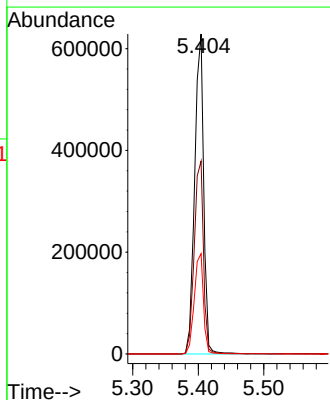
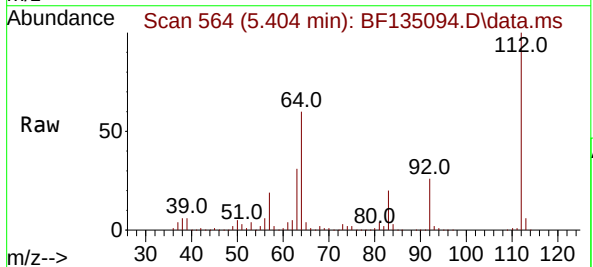
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)

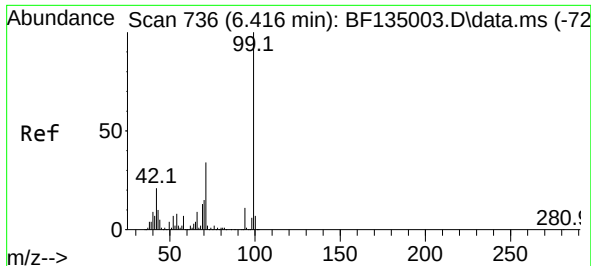
Tgt Ion:152 Resp: 94077
Ion Ratio Lower Upper
152 100
150 159.5 126.2 189.4
115 68.8 51.2 76.8



#5
2-Fluorophenol
Concen: 99.076 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.006 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

Tgt Ion:112 Resp: 603436
Ion Ratio Lower Upper
112 100
64 60.3 50.5 75.7
63 31.4 25.9 38.9





#7

Phenol-d6

Concen: 98.092 ng

RT: 6.410 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135094.D

Acq: 05 Sep 2023 14:26

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)

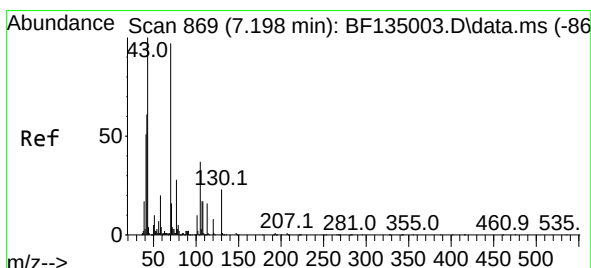
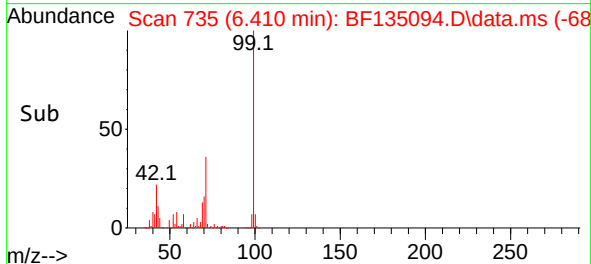
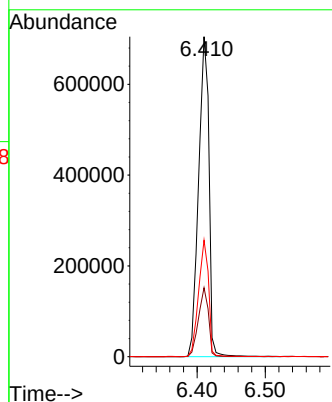
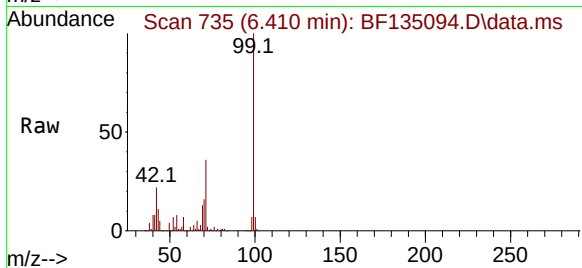
Tgt Ion: 99 Resp: 744670

Ion Ratio Lower Upper

99 100

42 21.5 16.6 25.0

71 36.4 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 13.741 ng

RT: 7.333 min Scan# 892

Delta R.T. 0.135 min

Lab File: BF135094.D

Acq: 05 Sep 2023 14:26

Tgt Ion: 70 Resp: 61961

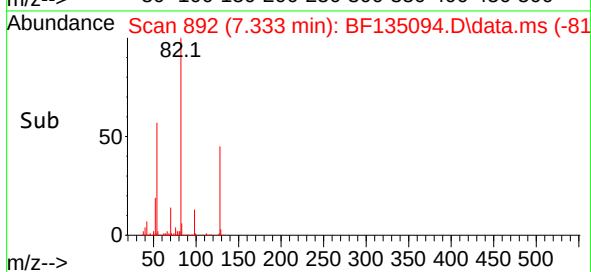
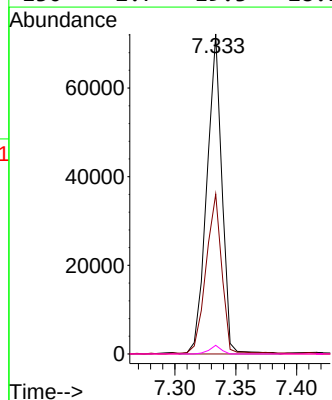
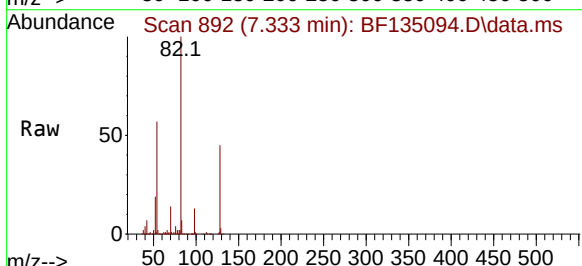
Ion Ratio Lower Upper

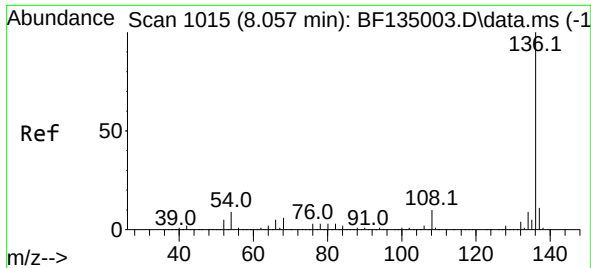
70 100

42 50.0 50.2 75.4#

101 0.0 8.1 12.1#

130 2.7 19.3 28.9#

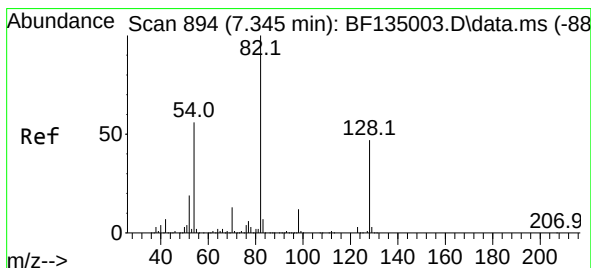
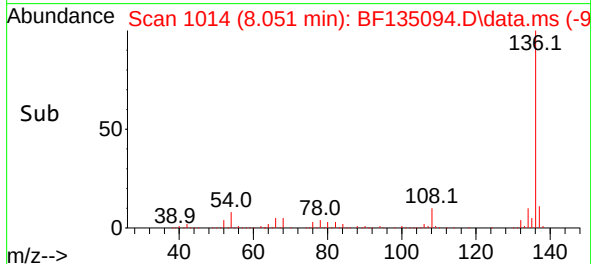
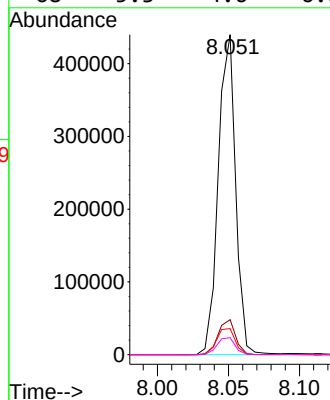
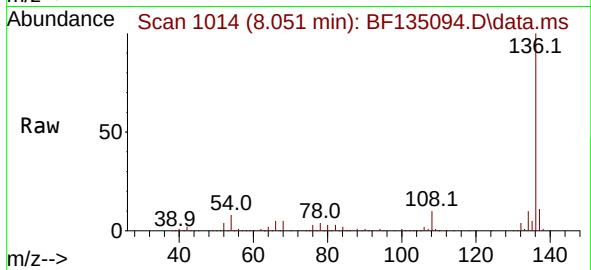




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

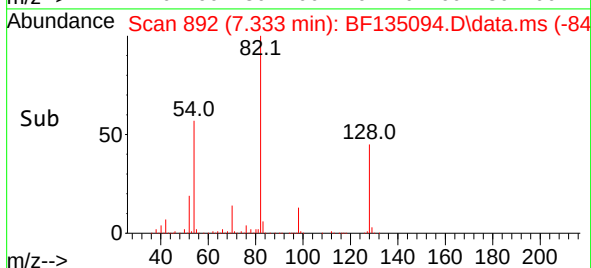
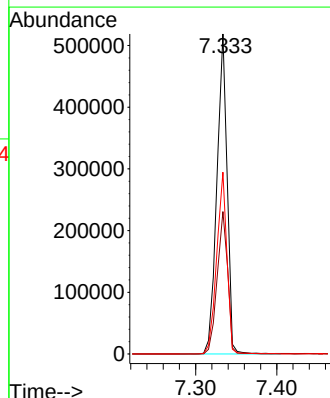
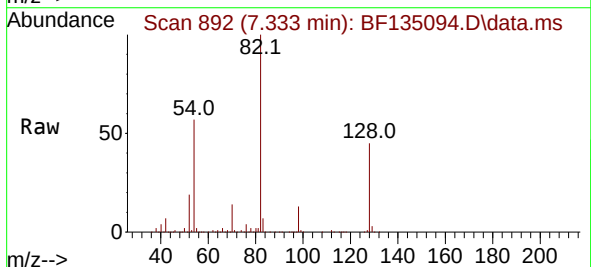
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)

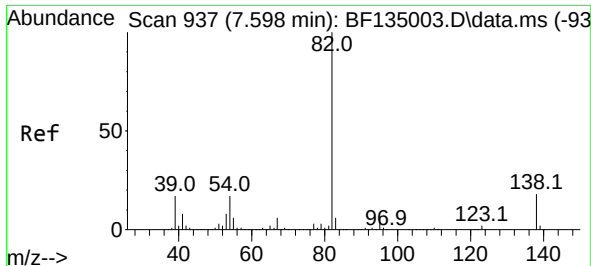
Tgt	Ion:136	Resp:	373058
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.1	7.0	10.4
68	5.3	4.6	6.8



#23
Nitrobenzene-d5
Concen: 68.634 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

Tgt Ion: 82	Resp: 455752
Ion Ratio	Lower Upper
82 100	
128 44.5	37.8 56.8
54 56.8	45.0 67.6

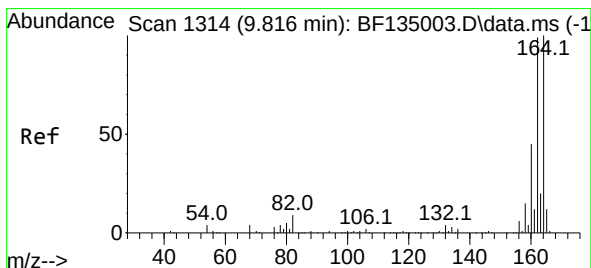
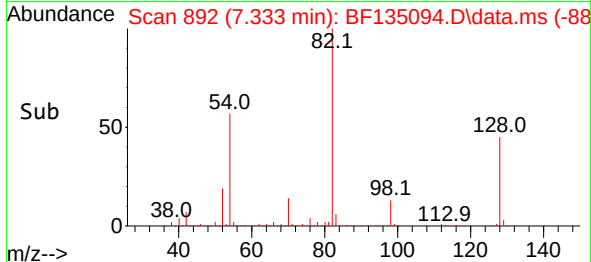
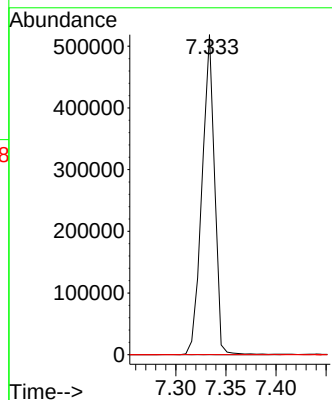
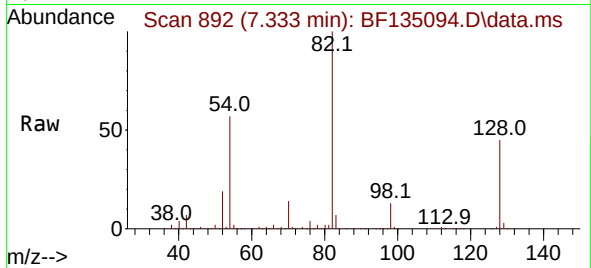




#25
Isophorone
Concen: 36.198 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

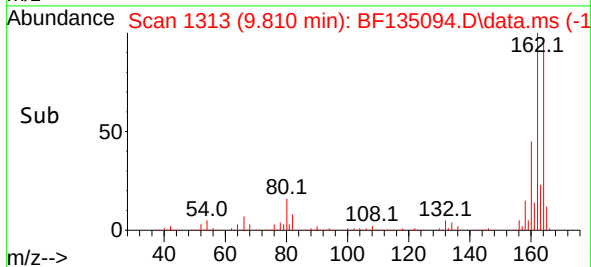
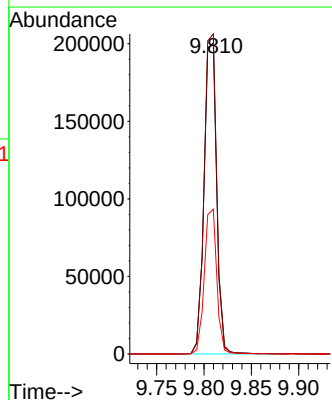
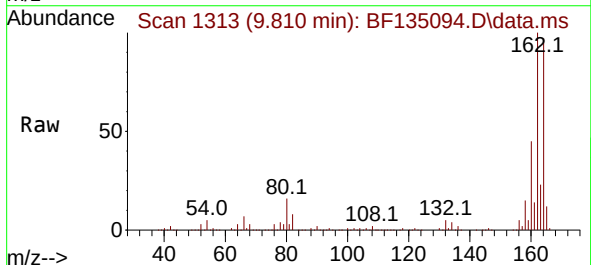
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)

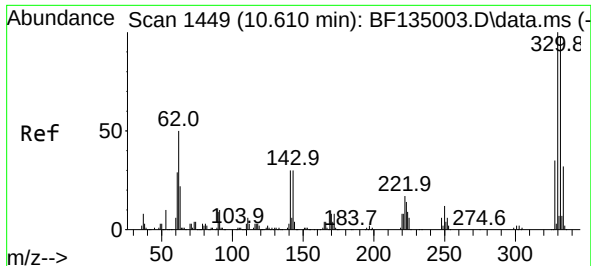
Tgt Ion: 82 Resp: 455731
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

Tgt Ion: 164 Resp: 185320
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 46.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 94.839 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135094.D

Acq: 05 Sep 2023 14:26

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)

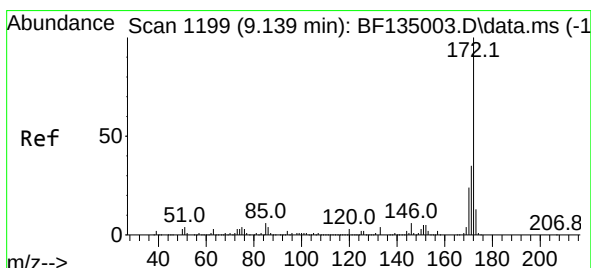
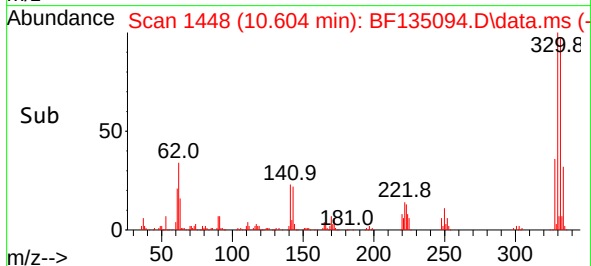
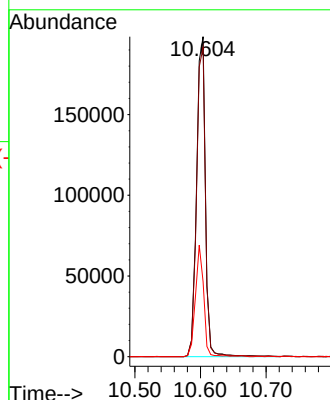
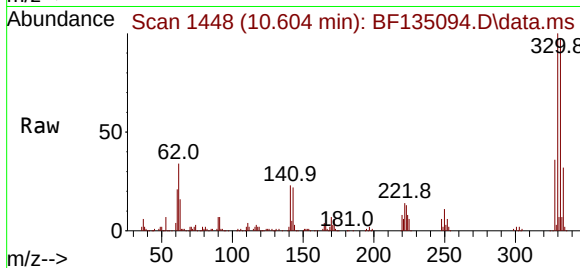
Tgt Ion:330 Resp: 186440

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

141 32.6 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 73.086 ng

RT: 9.127 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF135094.D

Acq: 05 Sep 2023 14:26

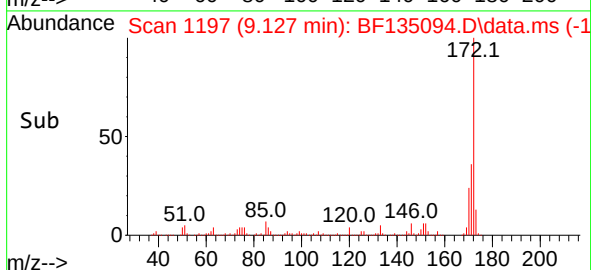
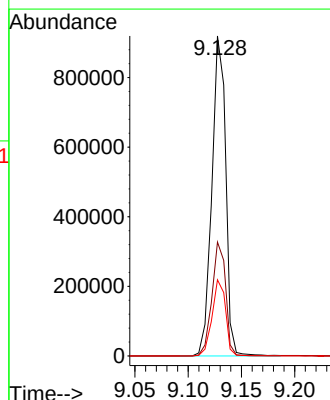
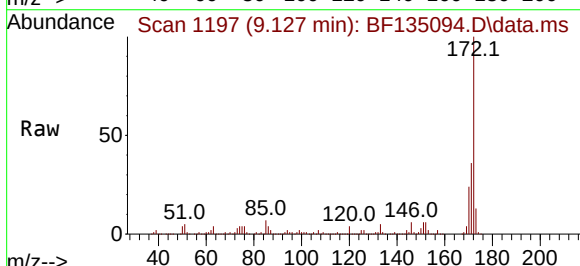
Tgt Ion:172 Resp: 831902

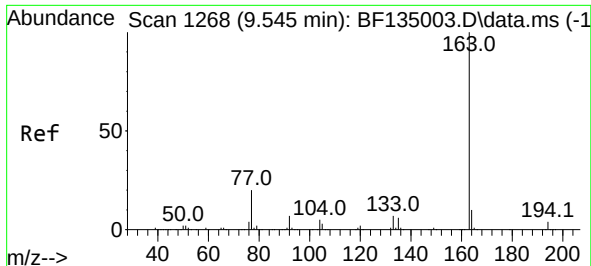
Ion Ratio Lower Upper

172 100

171 35.6 28.2 42.2

170 23.8 19.0 28.4

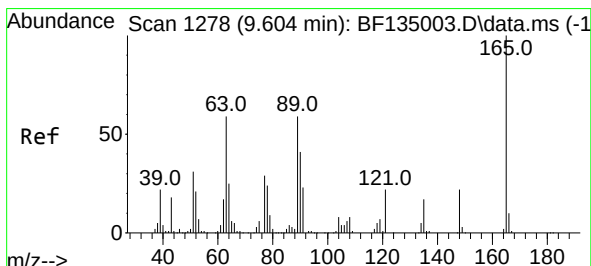
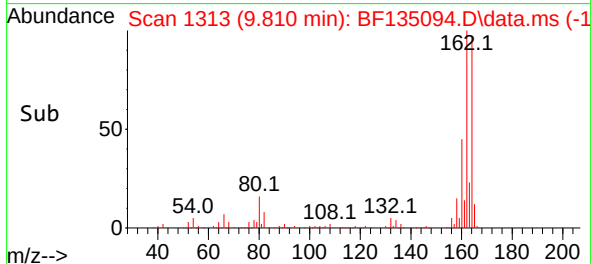
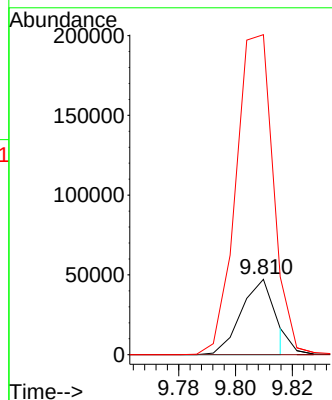
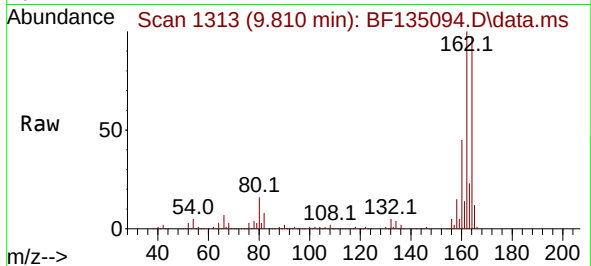




#50
Dimethylphthalate
Concen: 3.017 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

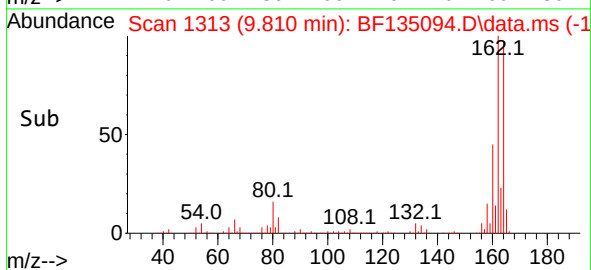
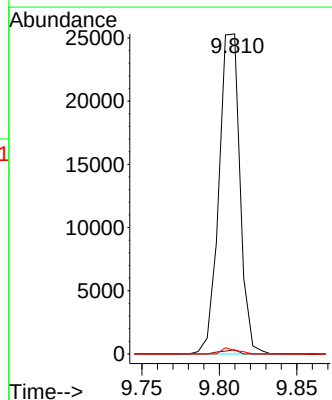
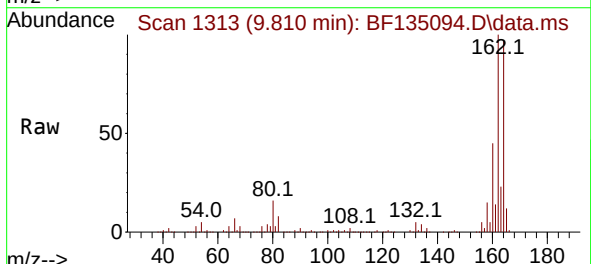
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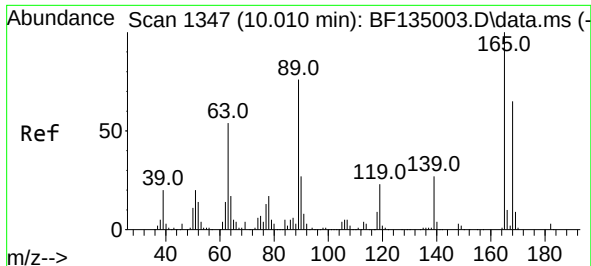
Tgt Ion:163 Resp: 39148
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 424.4 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.390 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

Tgt Ion:165 Resp: 23890
Ion Ratio Lower Upper
165 100
63 1.3 50.4 75.6#
89 1.1 47.1 70.7#

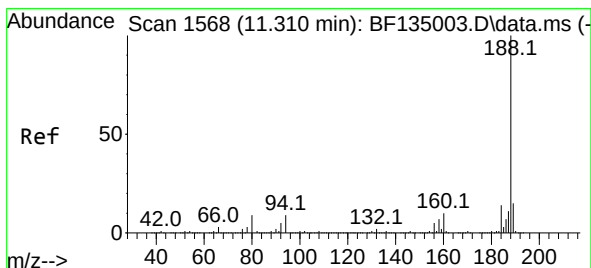
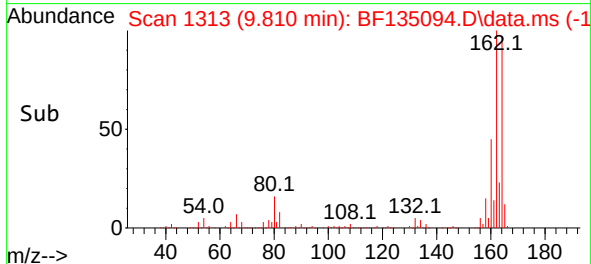
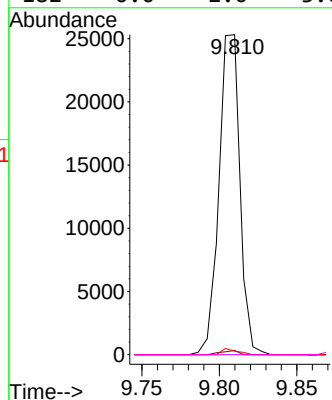
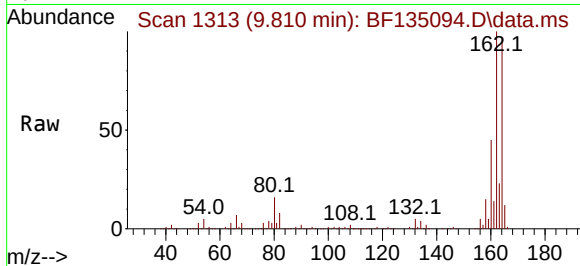




#57
2,4-Dinitrotoluene
Concen: 6.733 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

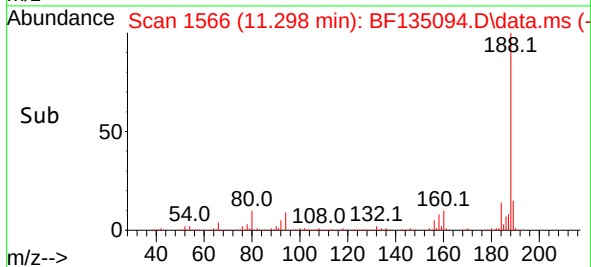
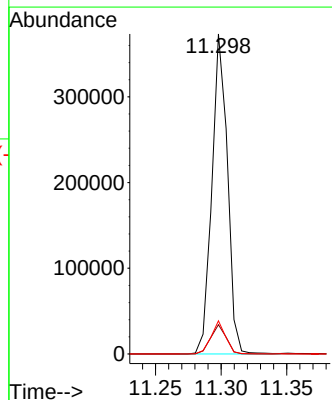
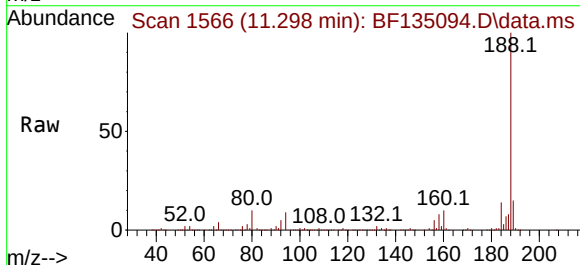
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)

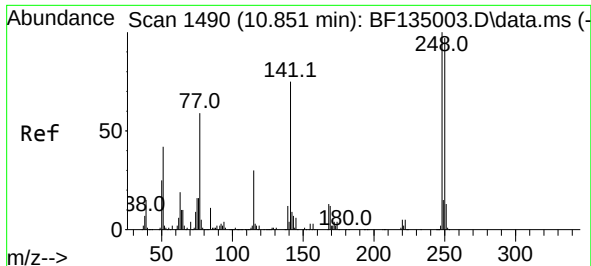
Tgt Ion:165 Resp: 23890
Ion Ratio Lower Upper
165 100
63 1.3 43.2 64.8#
89 1.1 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.012 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

Tgt Ion:188 Resp: 308551
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 10.3 7.4 11.2

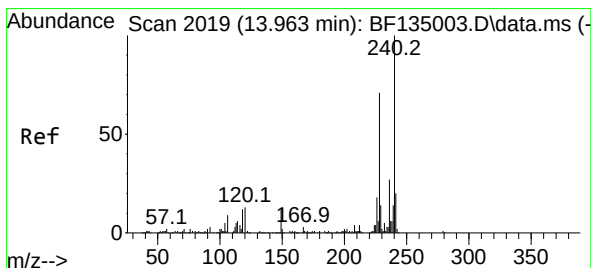
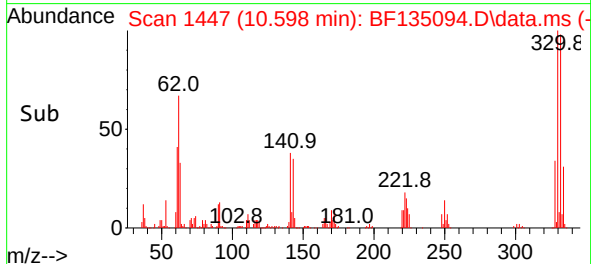
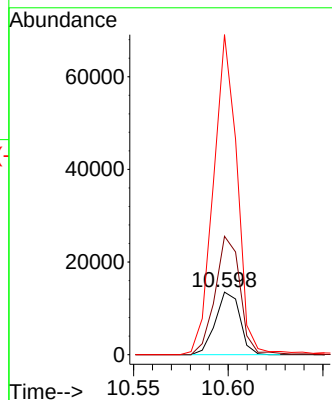
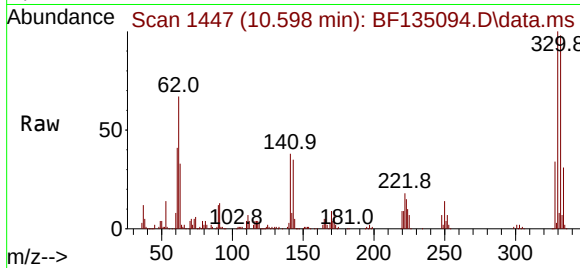




#67
4-Bromophenyl-phenylether
Concen: 3.726 ng
RT: 10.598 min Scan# 1490
Delta R.T. -0.253 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

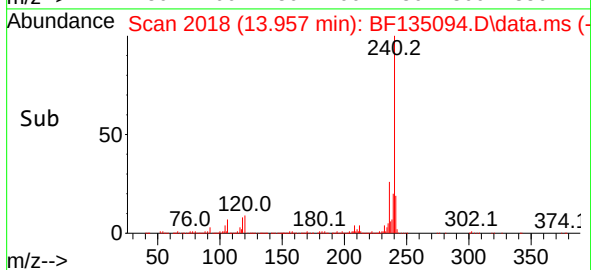
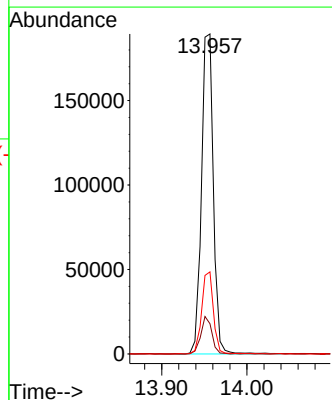
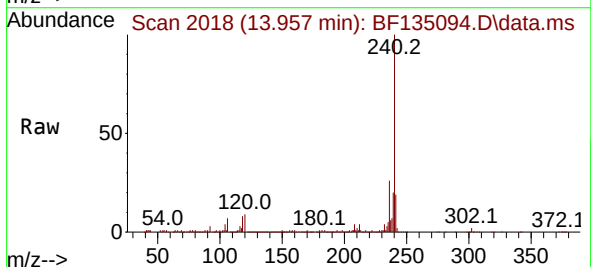
Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)

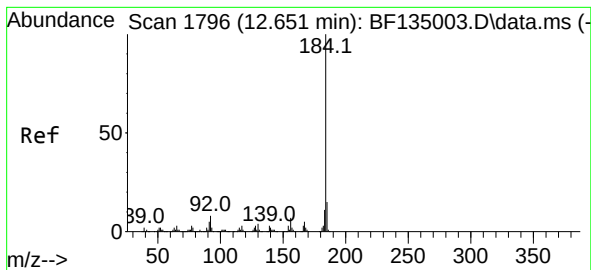
Tgt Ion:248 Resp: 12195
Ion Ratio Lower Upper
248 100
250 189.6 77.9 116.9#
141 512.0 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

Tgt Ion:240 Resp: 183410
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.2#
236 25.7 21.3 31.9





#77

Benzidine

Concen: 2.568 ng

RT: 12.898 min Scan# 1838

Delta R.T. 0.247 min

Lab File: BF135094.D

Acq: 05 Sep 2023 14:26

Instrument :

BNA_F

ClientSampleId :

TP-01(6-7)

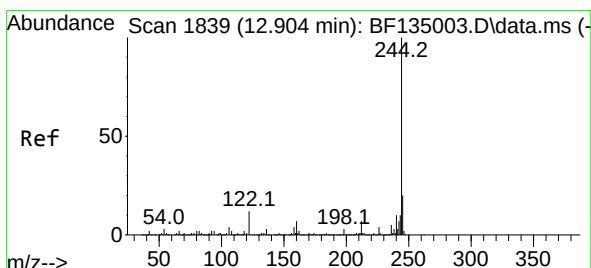
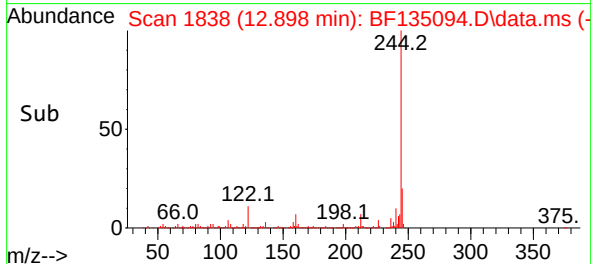
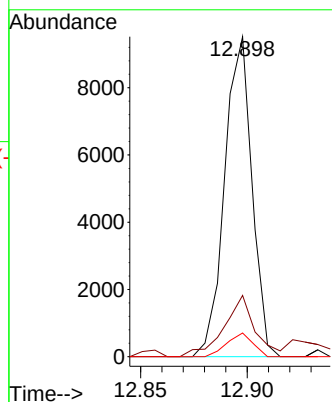
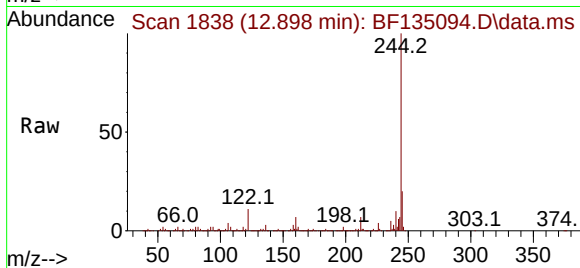
Tgt Ion:184 Resp: 8491

Ion Ratio Lower Upper

184 100

185 19.1 12.0 18.0#

183 7.4 9.0 13.6#



#79

Terphenyl-d14

Concen: 58.989 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.006 min

Lab File: BF135094.D

Acq: 05 Sep 2023 14:26

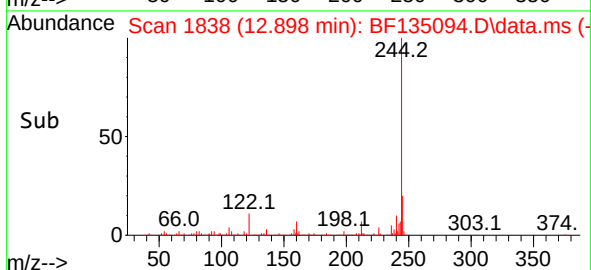
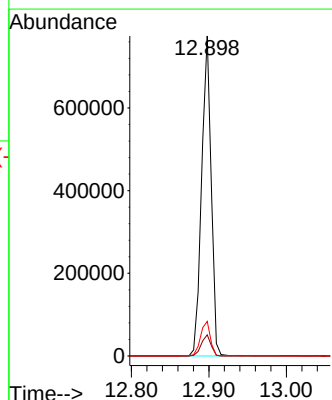
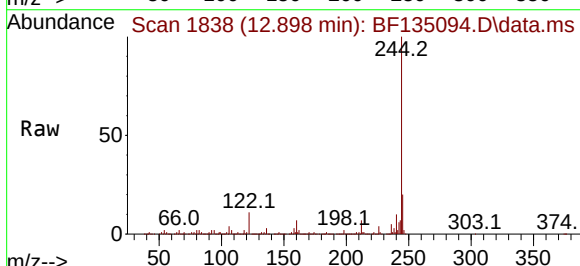
Tgt Ion:244 Resp: 662975

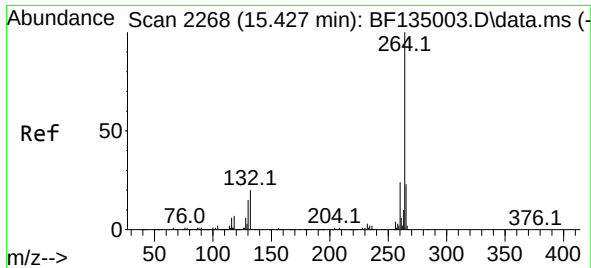
Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

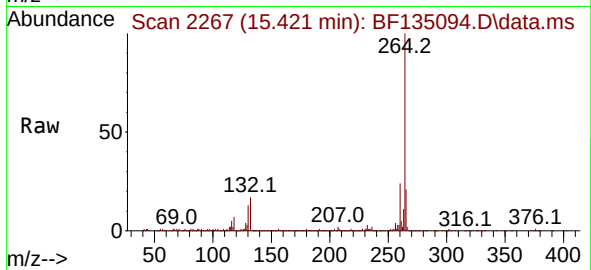
122 10.8 9.8 14.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135094.D
Acq: 05 Sep 2023 14:26

Instrument :
BNA_F
ClientSampleId :
TP-01(6-7)



Tgt Ion:264 Resp: 211672

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.6
265	21.2	18.2	27.2

