

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF083123\
 Data File : BF135046.D
 Acq On : 31 Aug 2023 17:40
 Operator : CG\JU
 Sample : PB155213BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155213BL

Quant Time: Aug 31 19:13:47 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)

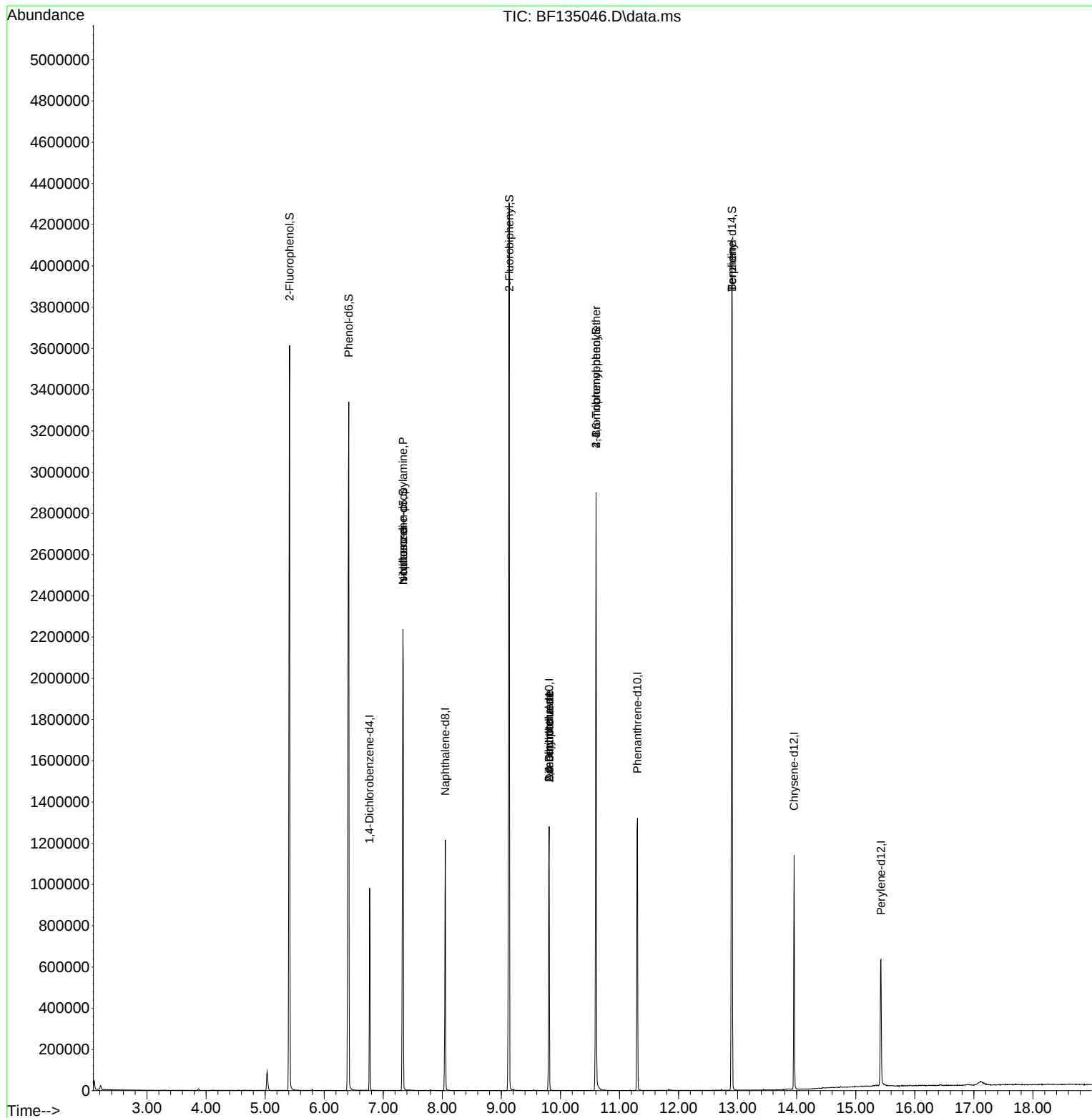
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	131386	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	540370	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	270209	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	518035	20.000	ng	0.00
76) Chrysene-d12	13.957	240	363140	20.000	ng	0.00
86) Perylene-d12	15.427	264	303741	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1094717	128.699	ng	0.02
7) Phenol-d6	6.416	99	1348471	127.187	ng	0.00
23) Nitrobenzene-d5	7.334	82	862010	89.621	ng	-0.01
42) 2,4,6-Tribromophenol	10.604	330	389993	136.059	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1436358	86.546	ng	0.00
79) Terphenyl-d14	12.904	244	1719351	77.265	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.334	70	116147	18.443	ng	# 76
25) Isophorone	7.334	82	858515	47.077	ng	# 65
50) Dimethylphthalate	9.810	163	55966	2.958	ng	# 1
51) 2,6-Dinitrotoluene	9.810	165	34599	8.334	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	34599	6.687	ng	# 20
67) 4-Bromophenyl-phenylether	10.604	248	24315	4.425	ng	# 1
77) Benzidine	12.904	184	22104	3.377	ng	# 94

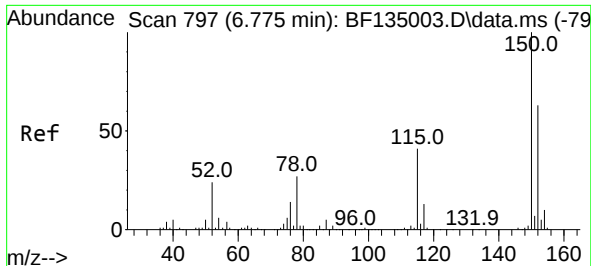
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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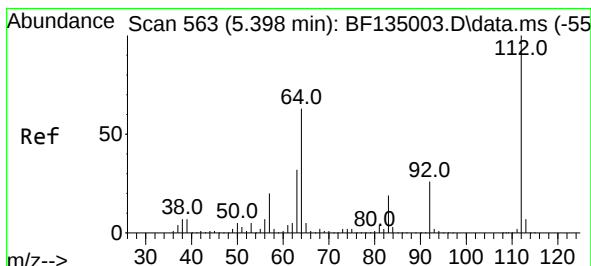
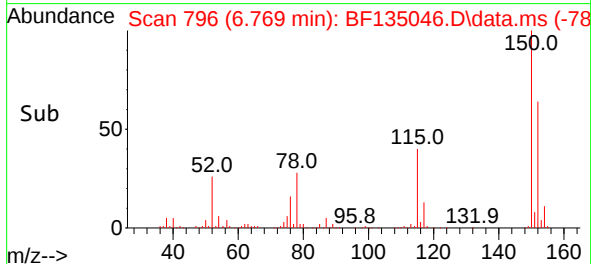
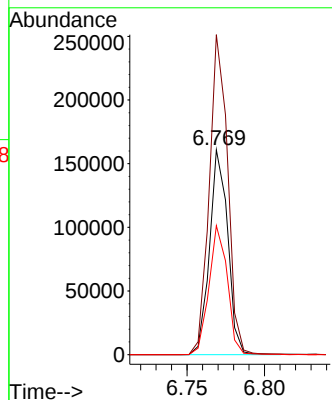
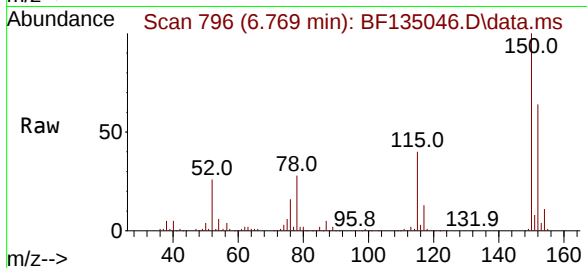




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

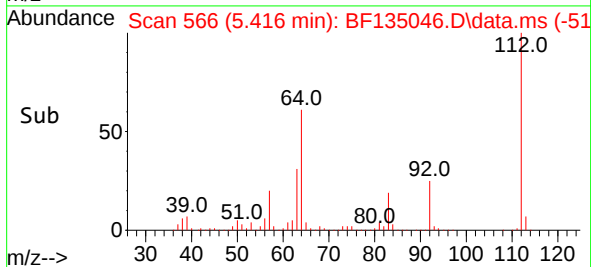
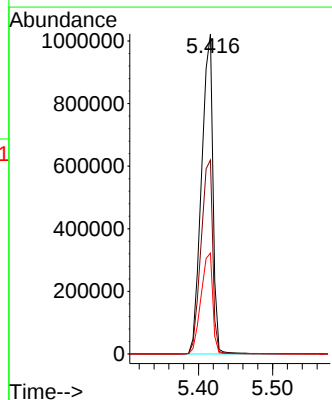
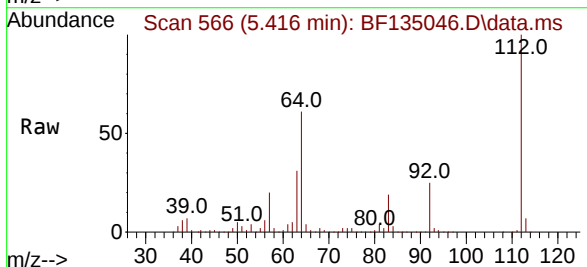
Instrument :
BNA_F
ClientSampleId :
PB155213BL

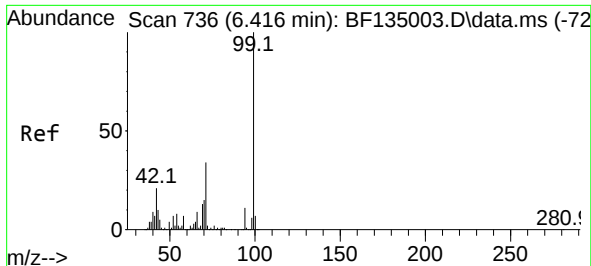
Tgt Ion:152 Resp: 131386
Ion Ratio Lower Upper
152 100
150 156.2 126.2 189.4
115 63.0 51.2 76.8



#5
2-Fluorophenol
Concen: 128.699 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.018 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion:112 Resp: 1094717
Ion Ratio Lower Upper
112 100
64 60.6 50.5 75.7
63 31.5 25.9 38.9

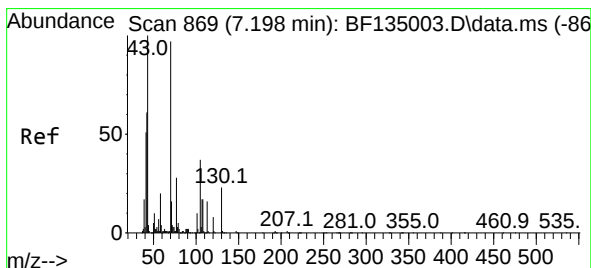
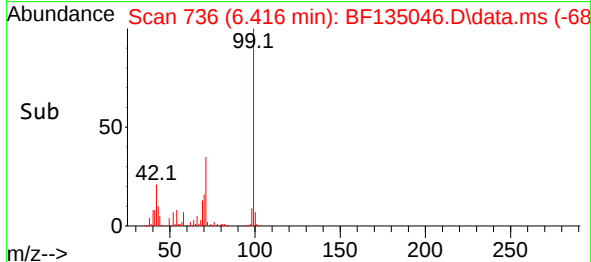
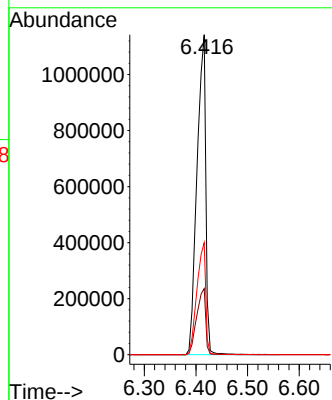
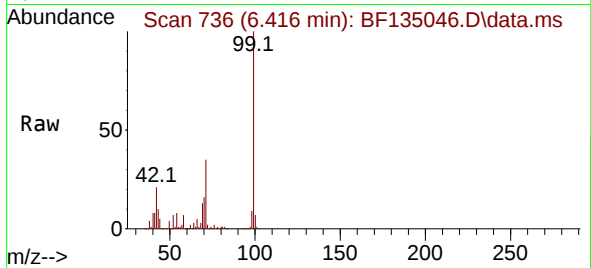




#7
Phenol-d6
Concen: 127.187 ng
RT: 6.416 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

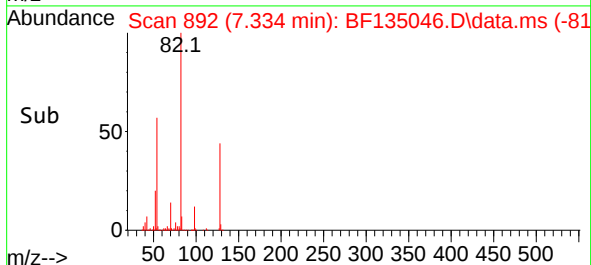
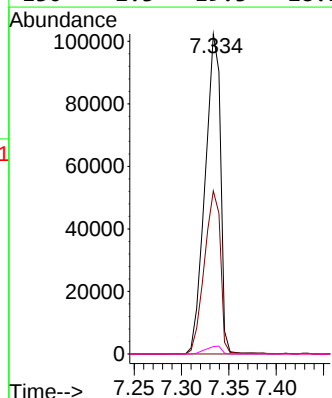
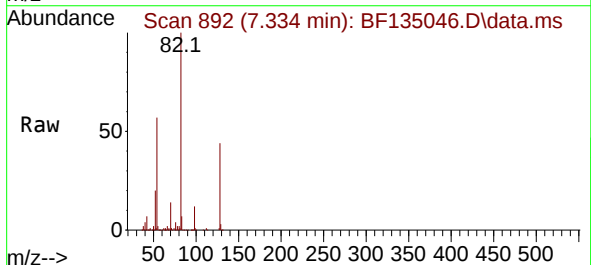
Instrument :
BNA_F
ClientSampleId :
PB155213BL

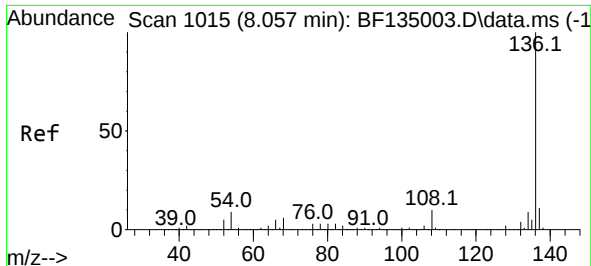
Tgt Ion: 99 Resp: 1348471
Ion Ratio Lower Upper
99 100
42 20.6 16.6 25.0
71 35.0 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.443 ng
RT: 7.334 min Scan# 892
Delta R.T. 0.135 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion: 70 Resp: 116147
Ion Ratio Lower Upper
70 100
42 50.9 50.2 75.4
101 0.0 8.1 12.1#
130 2.3 19.3 28.9#

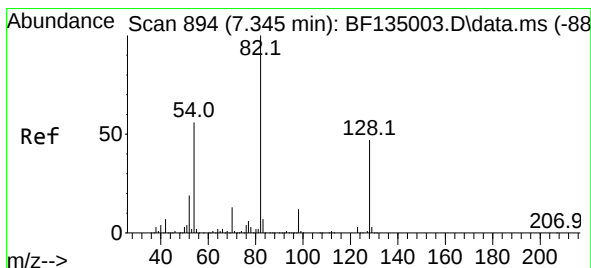
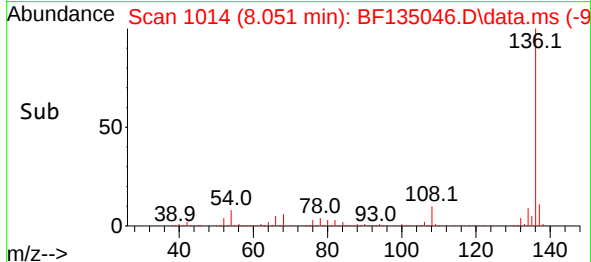
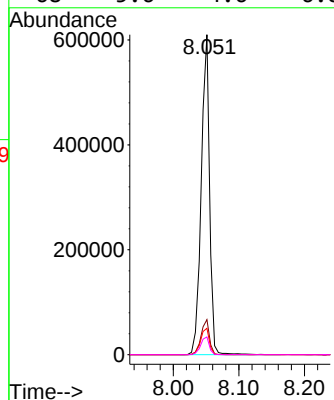
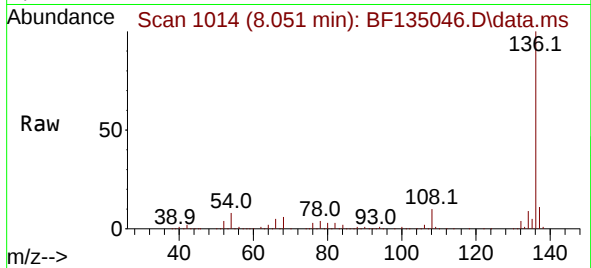




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

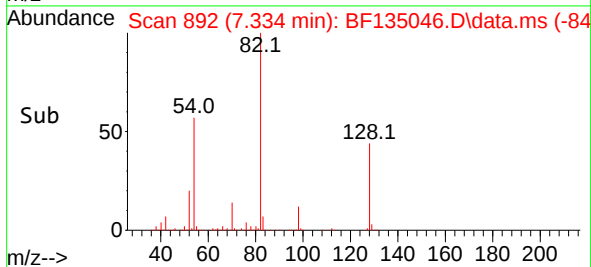
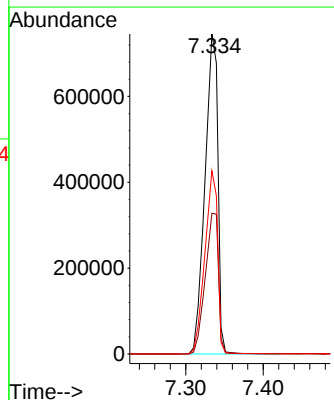
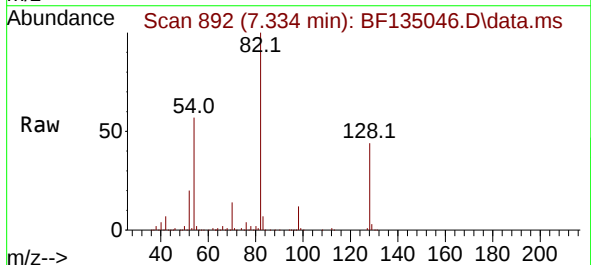
Instrument :
BNA_F
ClientSampleId :
PB155213BL

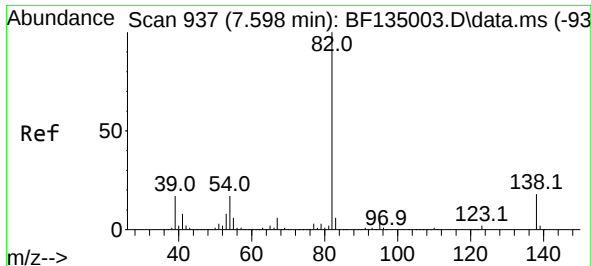
Tgt Ion:136	Resp: 540370
Ion Ratio	Lower Upper
136	100
137	10.9 8.8 13.2
54	8.3 7.0 10.4
68	5.6 4.6 6.8



#23
Nitrobenzene-d5
Concen: 89.621 ng
RT: 7.334 min Scan# 892
Delta R.T. -0.012 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion: 82	Resp: 862010
Ion Ratio	Lower Upper
82	100
128	44.0 37.8 56.8
54	57.3 45.0 67.6

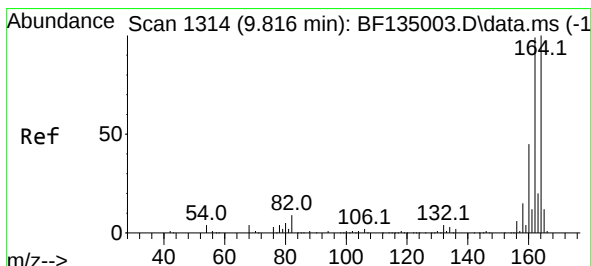
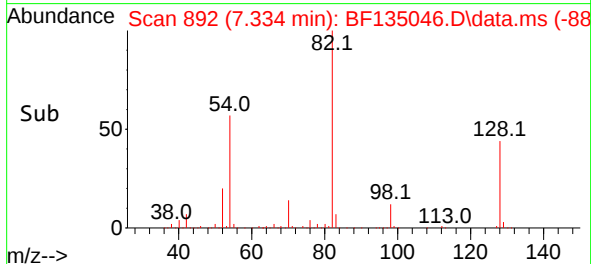
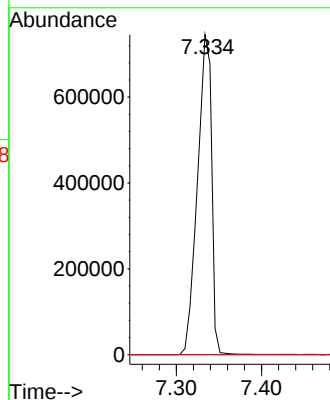
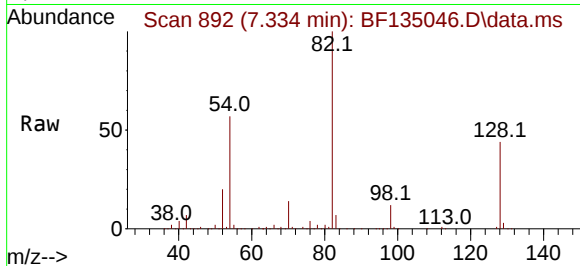




#25
Isophorone
Concen: 47.077 ng
RT: 7.334 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

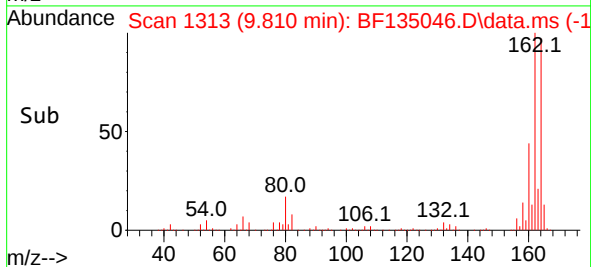
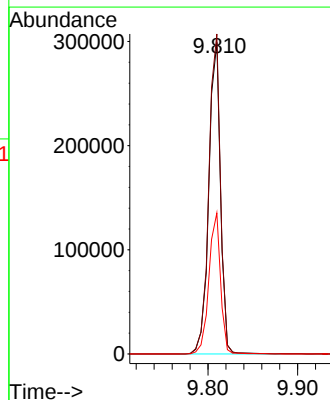
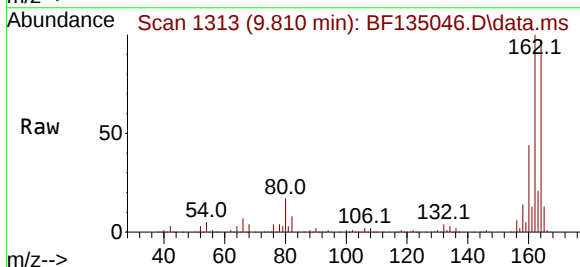
Instrument :
BNA_F
ClientSampleId :
PB155213BL

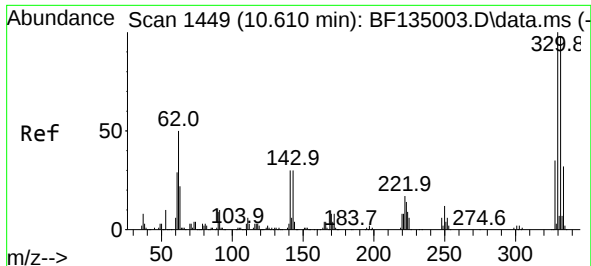
Tgt Ion: 82 Resp: 858515
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.7 22.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion:164 Resp: 270209
Ion Ratio Lower Upper
164 100
162 102.7 79.5 119.3
160 45.3 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 136.059 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF135046.D

Acq: 31 Aug 2023 17:40

Instrument :

BNA_F

ClientSampleId :

PB155213BL

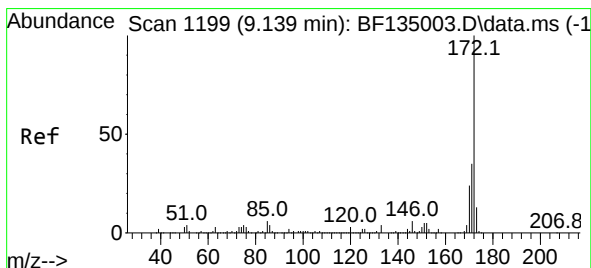
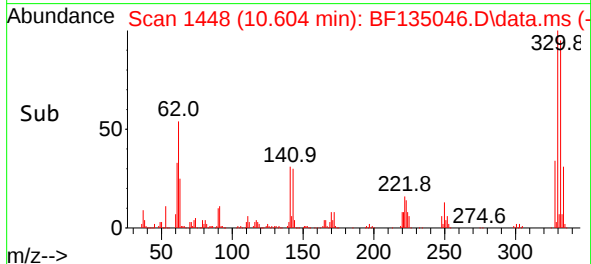
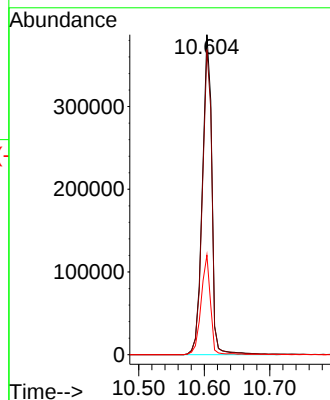
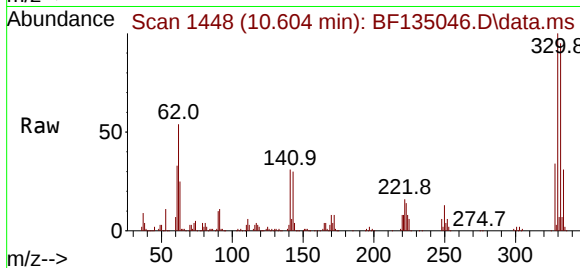
Tgt Ion:330 Resp: 389993

Ion Ratio Lower Upper

330 100

332 96.1 77.6 116.4

141 30.9 26.3 39.5



#45

2-Fluorobiphenyl

Concen: 86.546 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF135046.D

Acq: 31 Aug 2023 17:40

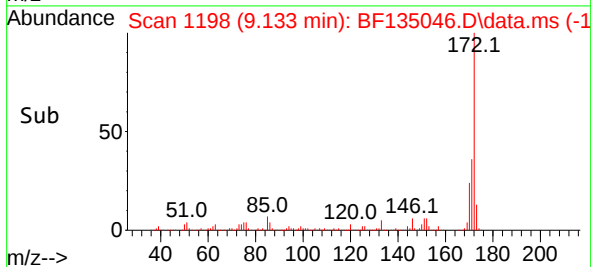
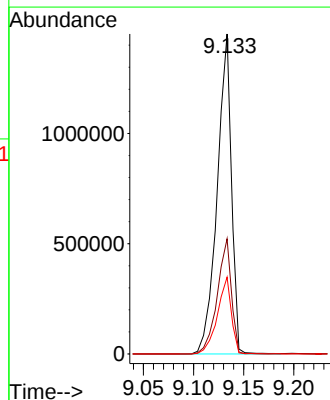
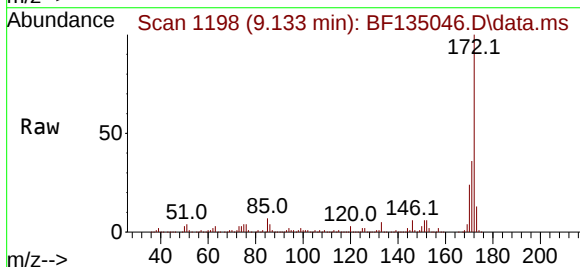
Tgt Ion:172 Resp: 1436358

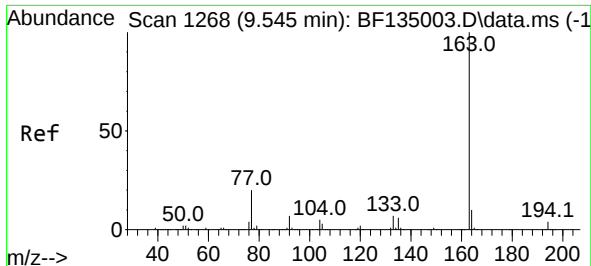
Ion Ratio Lower Upper

172 100

171 36.0 28.2 42.2

170 24.0 19.0 28.4

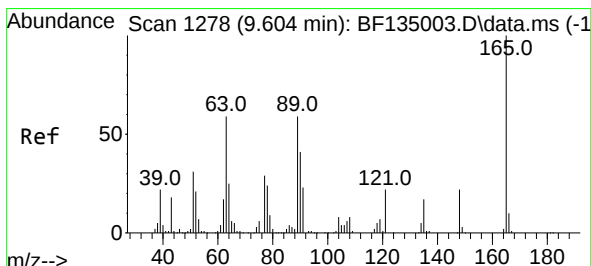
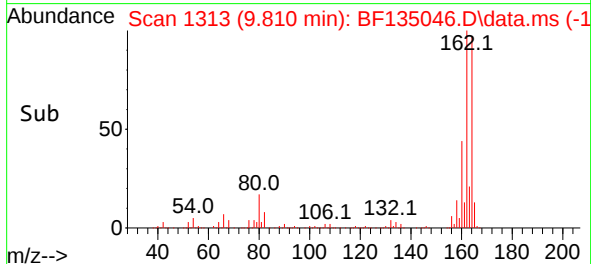
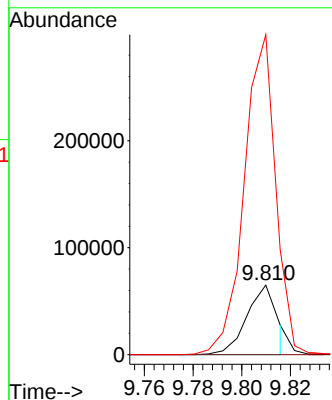
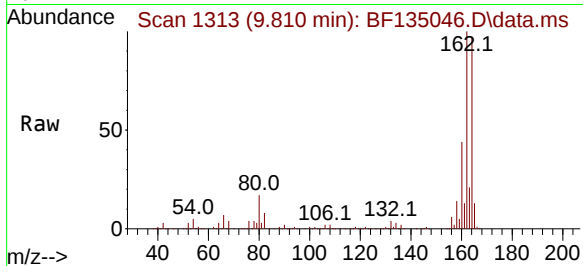




#50
Dimethylphthalate
Concen: 2.958 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

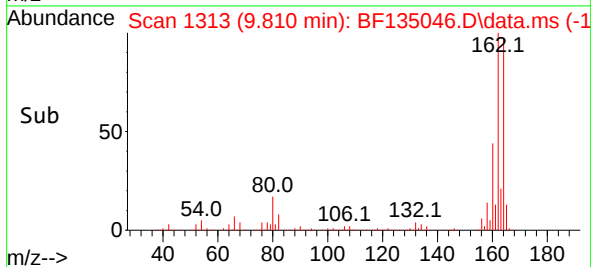
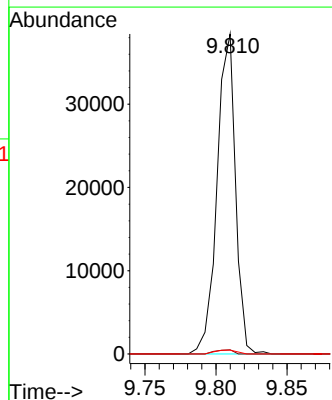
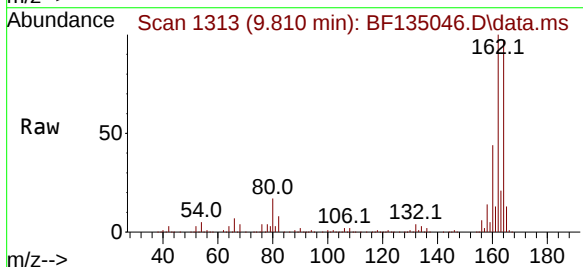
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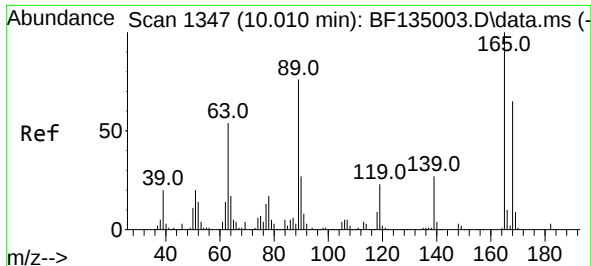
Tgt Ion:163 Resp: 55966
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 459.8 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.334 ng
RT: 9.810 min Scan# 1313
Delta R.T. 0.206 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion:165 Resp: 34599
Ion Ratio Lower Upper
165 100
63 1.3 50.4 75.6#
89 1.2 47.1 70.7#

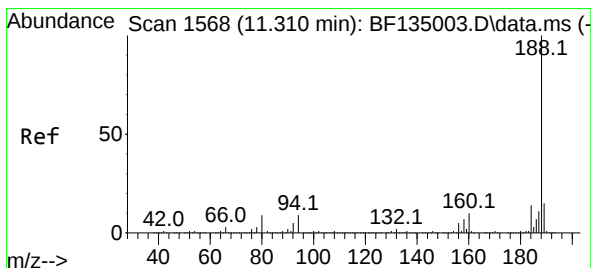
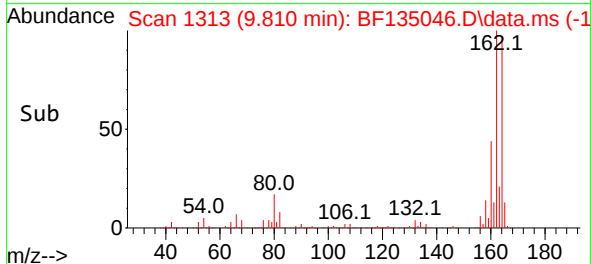
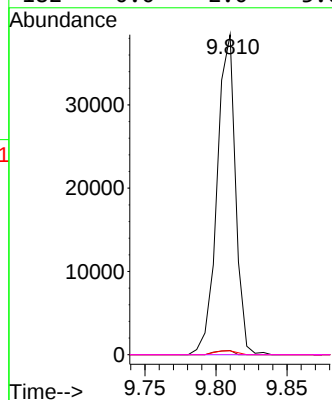
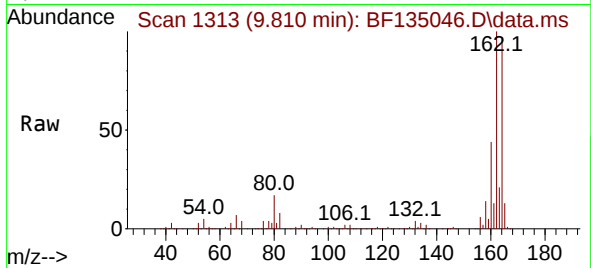




#57
2,4-Dinitrotoluene
Concen: 6.687 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

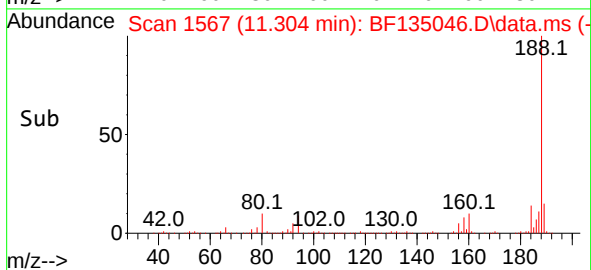
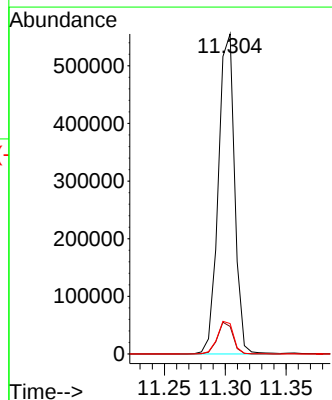
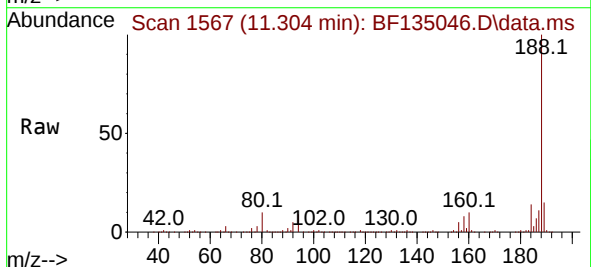
Instrument :
BNA_F
ClientSampleId :
PB155213BL

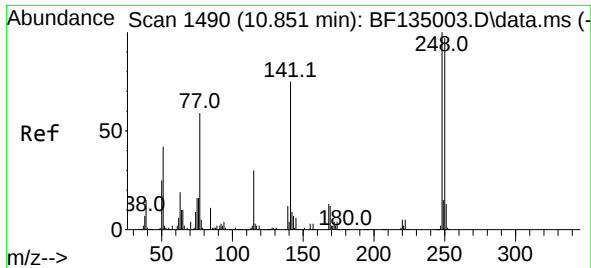
Tgt Ion:165 Resp: 34599
Ion Ratio Lower Upper
165 100
63 1.3 43.2 64.8#
89 1.2 60.8 91.2#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion:188 Resp: 518035
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.5 7.4 11.2

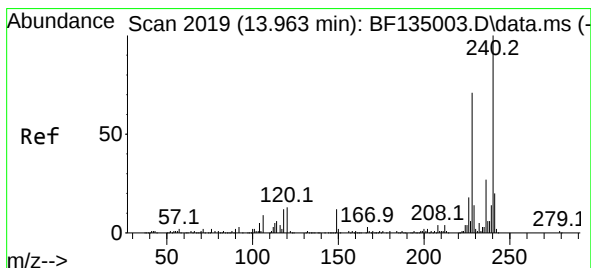
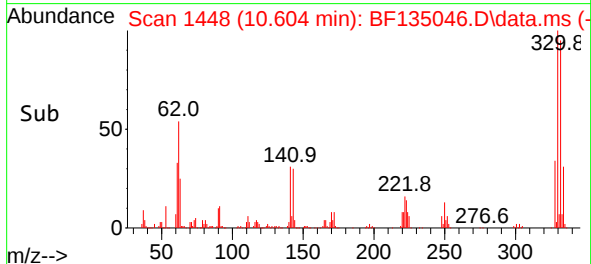
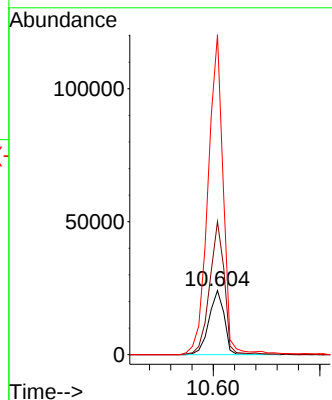
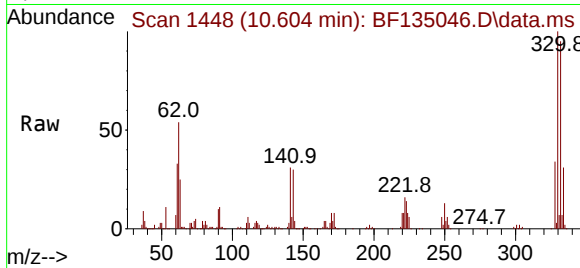




#67
4-Bromophenyl-phenylether
Concen: 4.425 ng
RT: 10.604 min Scan# 1490
Delta R.T. -0.247 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

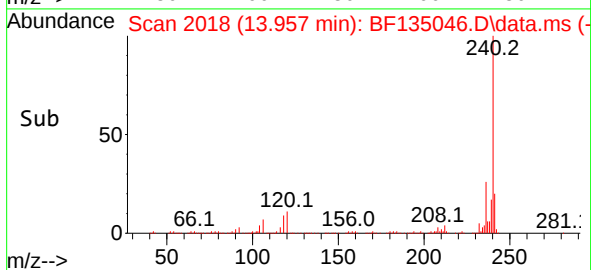
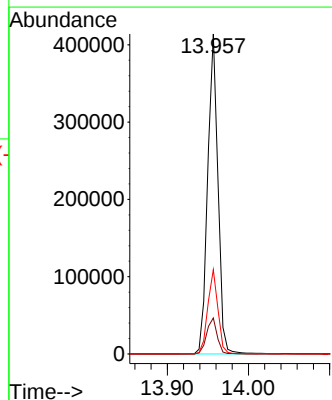
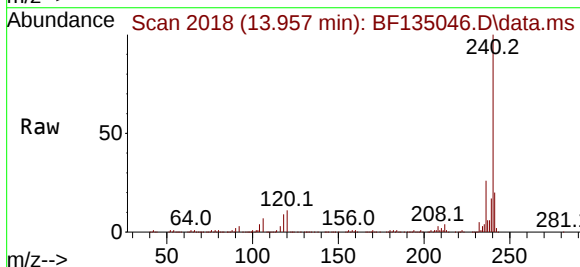
Instrument :
BNA_F
ClientSampleId :
PB155213BL

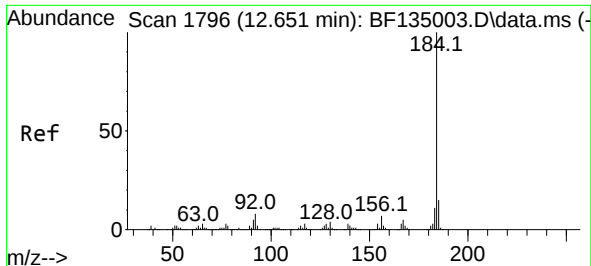
Tgt Ion:248 Resp: 24315
Ion Ratio Lower Upper
248 100
250 207.3 77.9 116.9#
141 498.2 59.8 89.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion:240 Resp: 363140
Ion Ratio Lower Upper
240 100
120 11.3 10.2 15.2
236 26.4 21.3 31.9

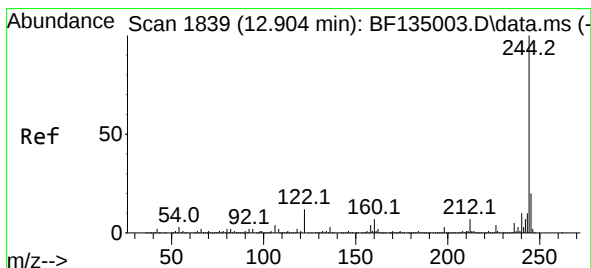
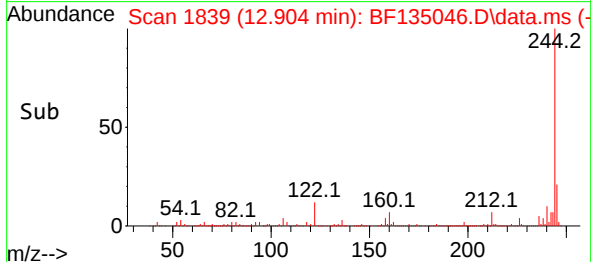
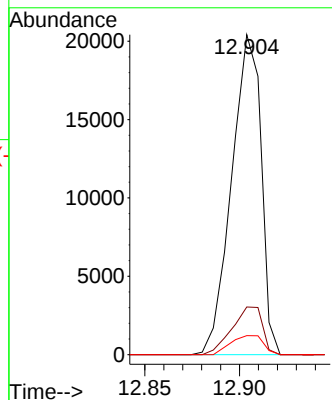
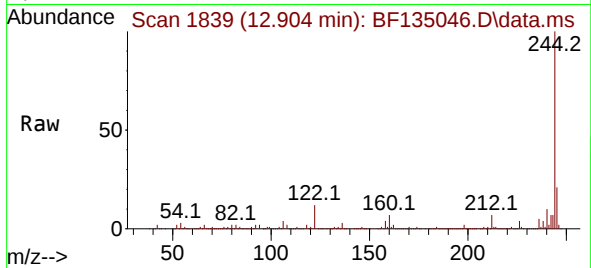




#77
Benzidine
Concen: 3.377 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.253 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

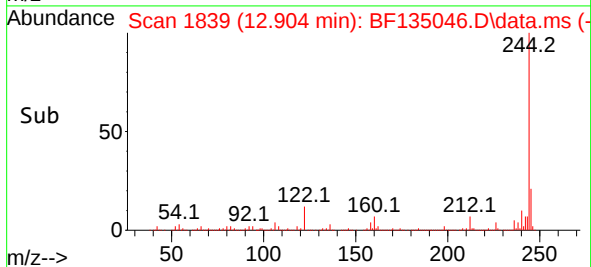
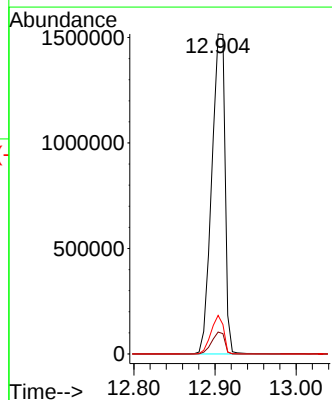
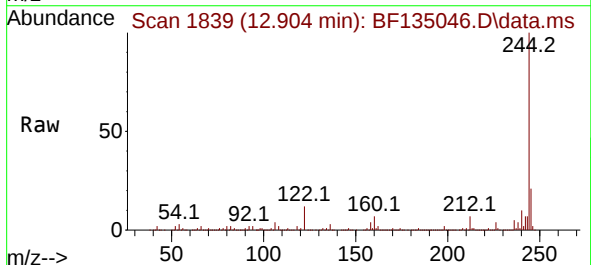
Instrument :
BNA_F
ClientSampleId :
PB155213BL

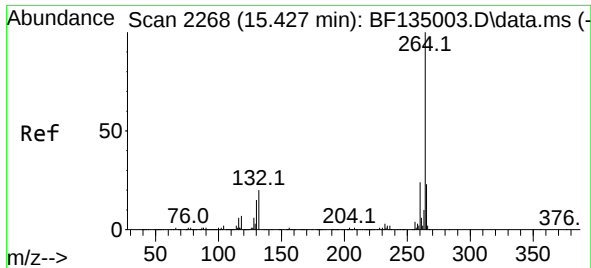
Tgt Ion:184 Resp: 22104
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 6.0 9.0 13.6#



#79
Terphenyl-d14
Concen: 77.265 ng
RT: 12.904 min Scan# 1839
Delta R.T. 0.000 min
Lab File: BF135046.D
Acq: 31 Aug 2023 17:40

Tgt Ion:244 Resp: 1719351
Ion Ratio Lower Upper
244 100
212 6.9 5.6 8.4
122 12.1 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: BF135046.D
Acq: 31 Aug 2023 17:40

Instrument :
BNA_F
ClientSampleId :
PB155213BL

Tgt Ion:264 Resp: 303741
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.0 18.2 27.2

