

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
 Data File : BF135336.D
 Acq On : 19 Sep 2023 15:46
 Operator : CG\JU
 Sample : PB155558BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155558BL

Quant Time: Sep 20 01:35:25 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 12 00:19:07 2023
 Response via : Initial Calibration

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

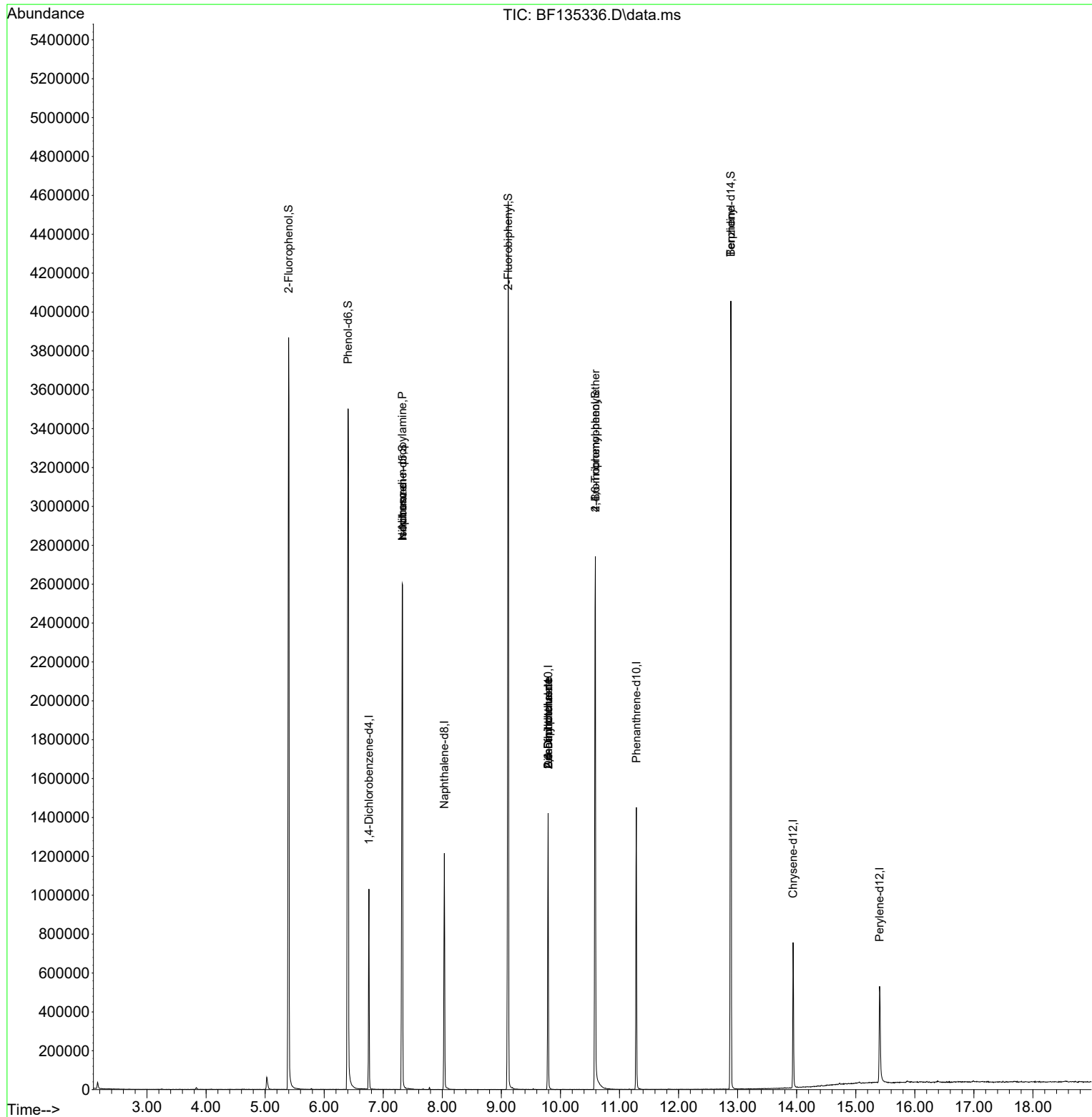
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	138638	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	535225	20.000	ng	-0.01
39) Acenaphthene-d10	9.792	164	273743	20.000	ng	-0.01
64) Phenanthrene-d10	11.286	188	534187	20.000	ng	0.00
76) Chrysene-d12	13.939	240	258872	20.000	ng	0.00
86) Perylene-d12	15.404	264	270912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1220493	143.183	ng	0.01
7) Phenol-d6	6.404	99	1547154	142.743	ng	0.00
23) Nitrobenzene-d5	7.328	82	1005796	102.096	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	385105	141.565	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1688252	93.047	ng	-0.01
79) Terphenyl-d14	12.886	244	1737808	104.064	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.322	70	136871	20.387	ng	# 80
25) Isophorone	7.328	82	1003968	55.499	ng	# 65
50) Dimethylphthalate	9.792	163	54605	2.950	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	35308	8.708	ng	# 17
57) 2,4-Dinitrotoluene	9.792	165	35308	6.956	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	23366	4.398	ng	# 1
77) Benzidine	12.886	184	23143	4.364	ng	# 93

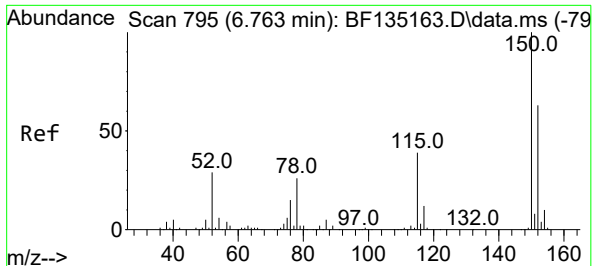
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091923\
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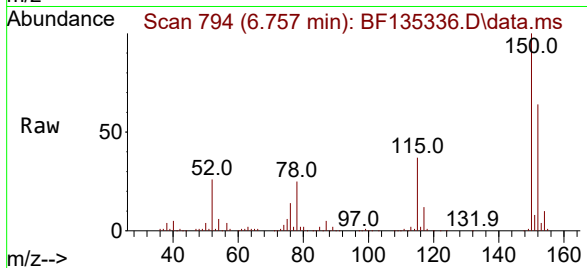
Quant Time: Sep 20 01:35:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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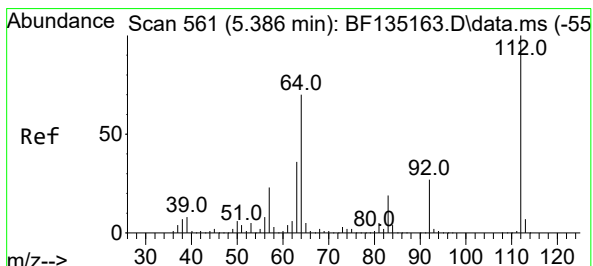
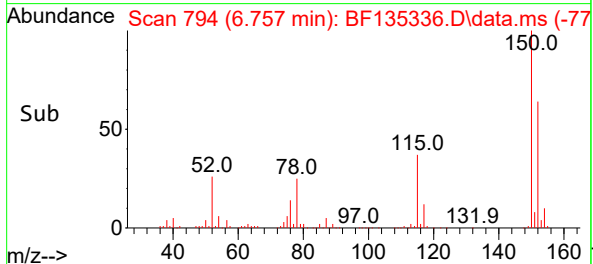
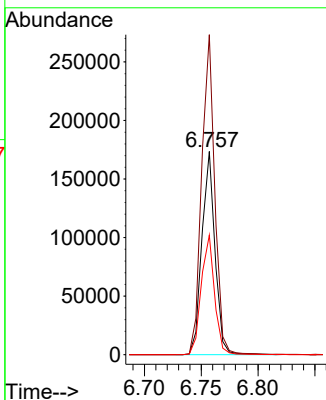


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

Instrument :
BNA_F
ClientSampleId :
PB155558BL

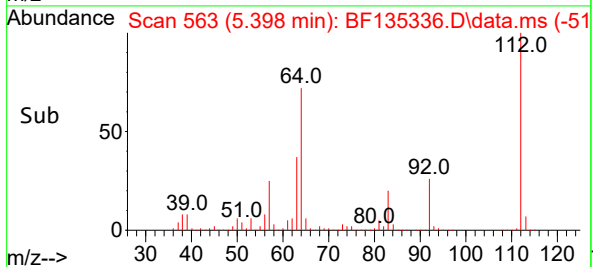
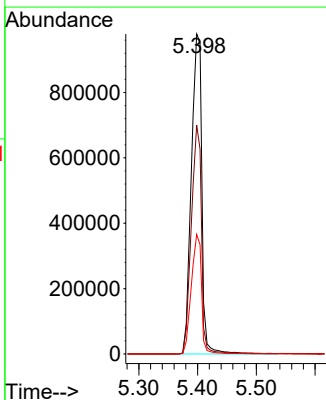
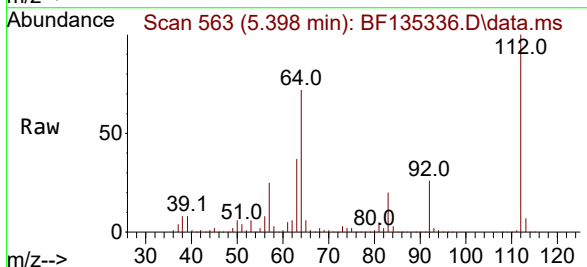


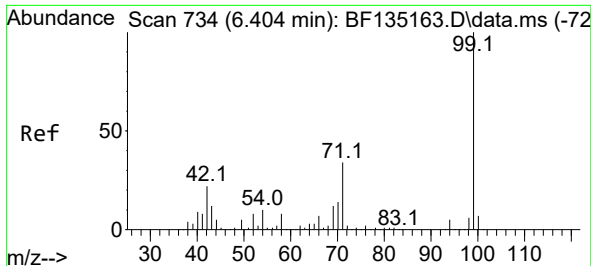
Tgt Ion:152 Resp: 138638
Ion Ratio Lower Upper
152 100
150 157.4 127.8 191.6
115 58.9 49.8 74.8



#5
2-Fluorophenol
Concen: 143.183 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

Tgt Ion:112 Resp: 1220493
Ion Ratio Lower Upper
112 100
64 71.5 55.9 83.9
63 37.3 29.0 43.6





#7

Phenol-d6

Concen: 142.743 ng

RT: 6.404 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF135336.D

Acq: 19 Sep 2023 15:46

Instrument :

BNA_F

ClientSampleId :

PB155558BL

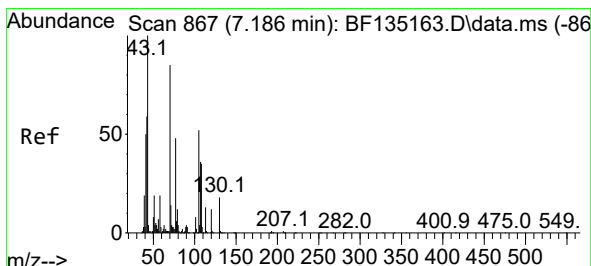
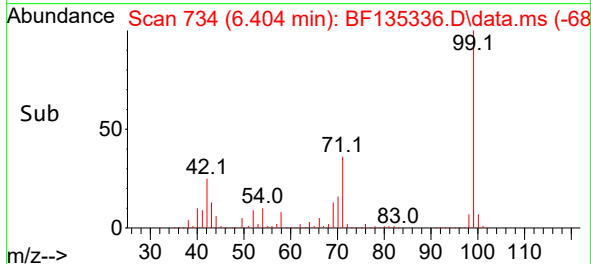
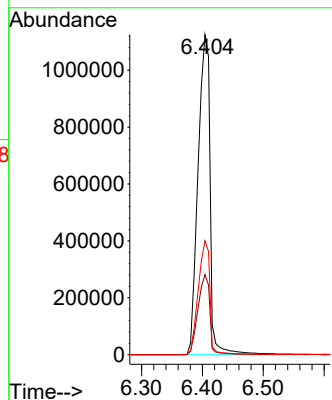
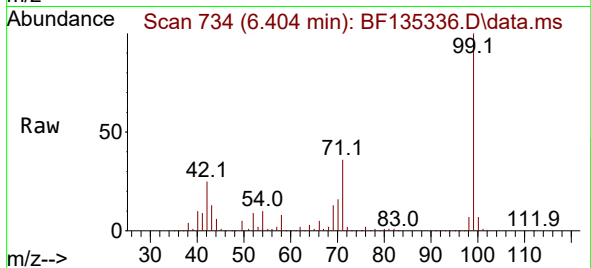
Tgt Ion: 99 Resp: 1547154

Ion Ratio Lower Upper

99 100

42 25.0 17.9 26.9

71 35.6 27.0 40.6



#19

n-Nitroso-di-n-propylamine

Concen: 20.387 ng

RT: 7.322 min Scan# 890

Delta R.T. 0.135 min

Lab File: BF135336.D

Acq: 19 Sep 2023 15:46

Tgt Ion: 70 Resp: 136871

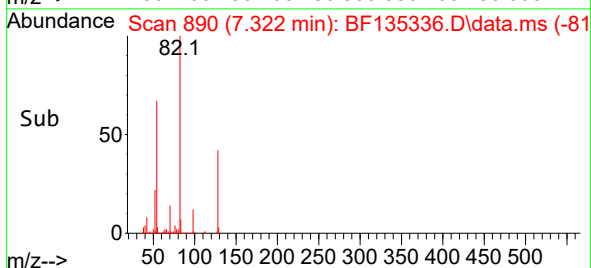
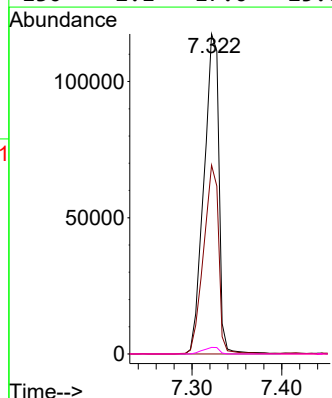
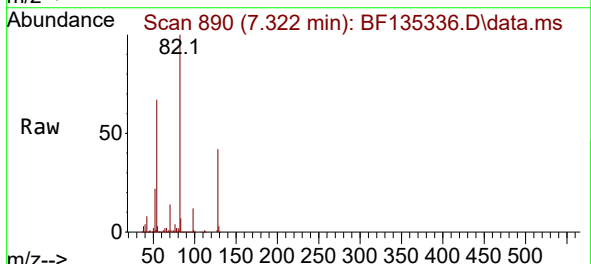
Ion Ratio Lower Upper

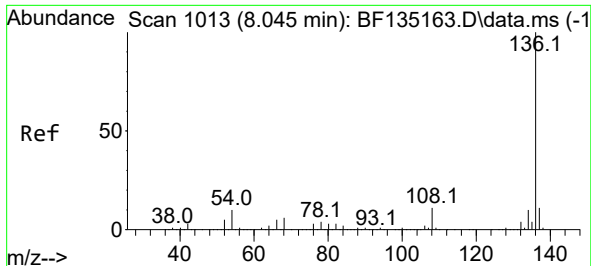
70 100

42 59.0 55.4 83.0

101 0.0 7.7 11.5#

130 2.1 17.0 25.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.034 min Scan# 1011

Delta R.T. -0.012 min

Lab File: BF135336.D

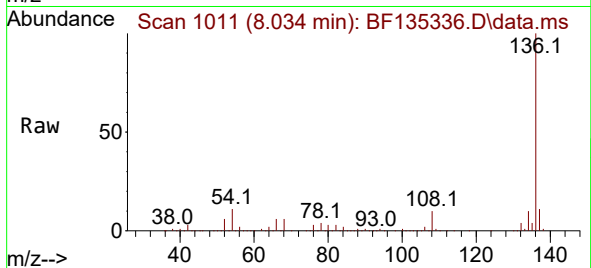
Acq: 19 Sep 2023 15:46

Instrument :

BNA_F

ClientSampleId :

PB155558BL



Tgt Ion:136 Resp: 535225

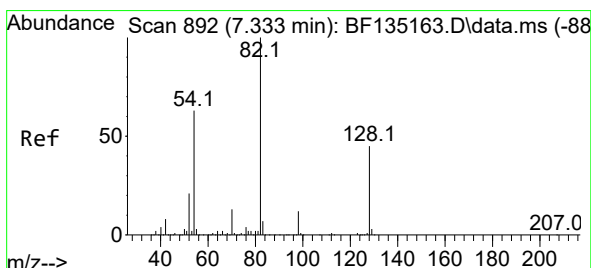
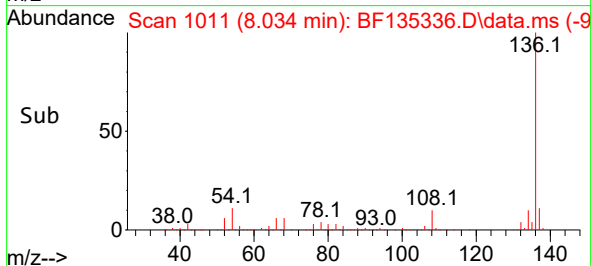
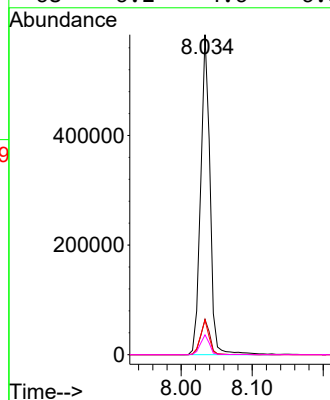
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.8 7.7 11.5

68 6.2 4.6 6.8



#23

Nitrobenzene-d5

Concen: 102.096 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF135336.D

Acq: 19 Sep 2023 15:46

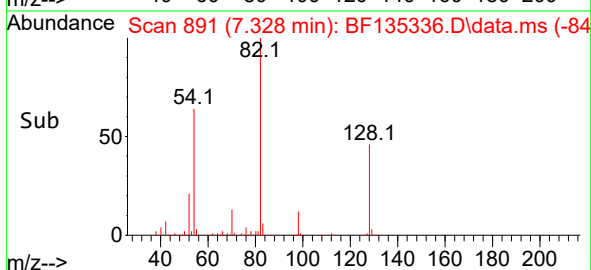
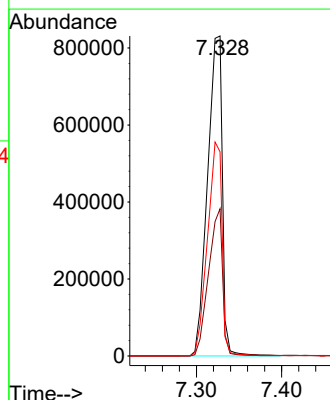
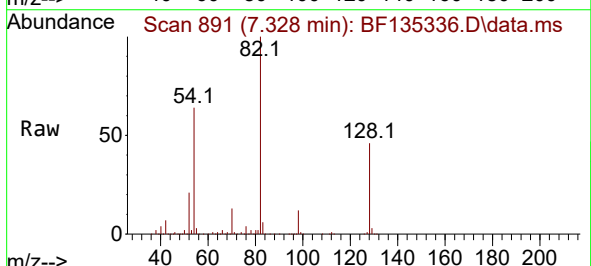
Tgt Ion: 82 Resp: 1005796

Ion Ratio Lower Upper

82 100

128 46.0 35.8 53.6

54 63.8 50.6 76.0

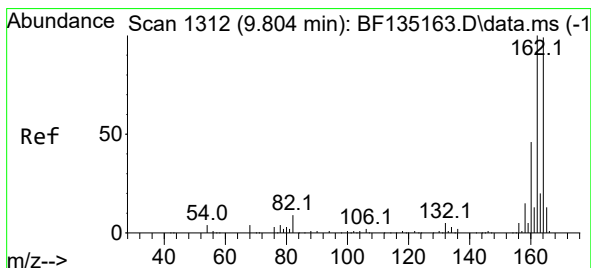
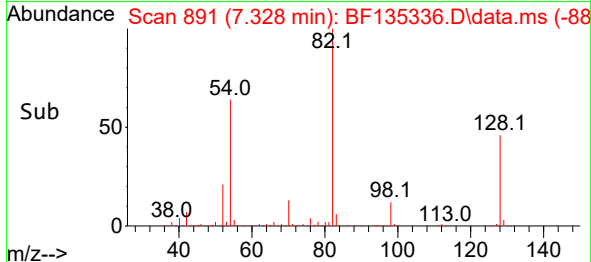
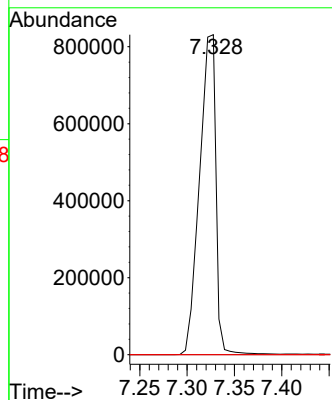
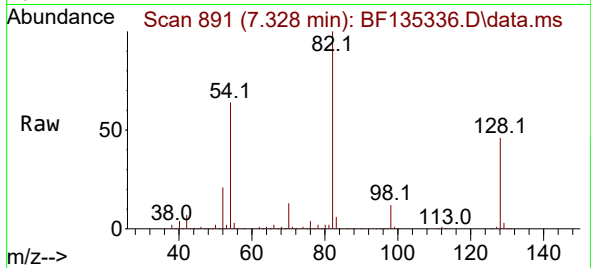




#25
Isophorone
Concen: 55.499 ng
RT: 7.328 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

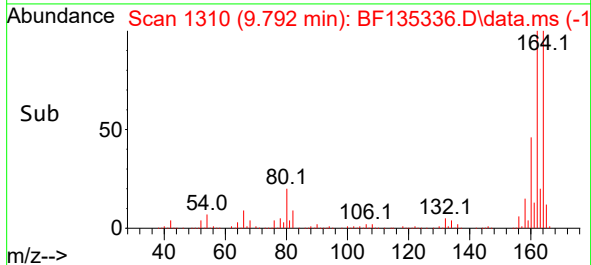
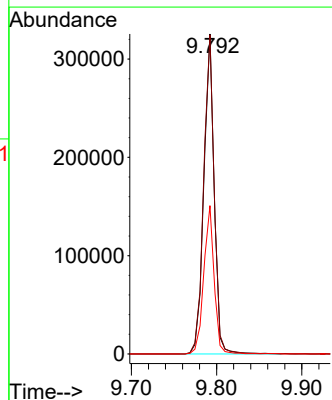
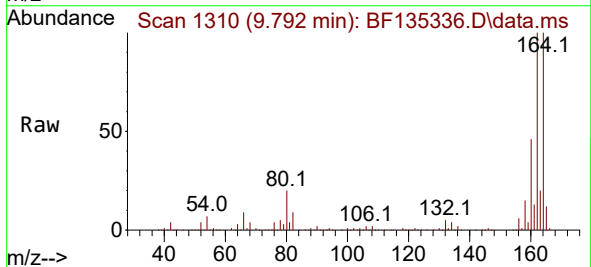
Instrument :
BNA_F
ClientSampleId :
PB155558BL

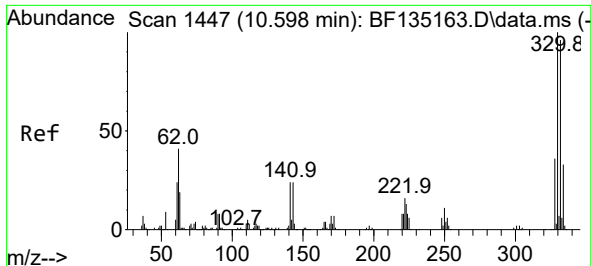
Tgt Ion: 82 Resp: 1003968
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

Tgt Ion: 164 Resp: 273743
Ion Ratio Lower Upper
164 100
162 99.8 81.0 121.4
160 46.3 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 141.565 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135336.D

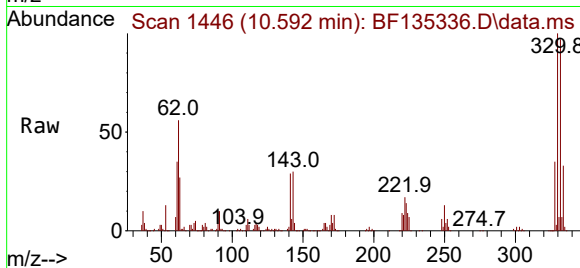
Acq: 19 Sep 2023 15:46

Instrument :

BNA_F

ClientSampleId :

PB155558BL



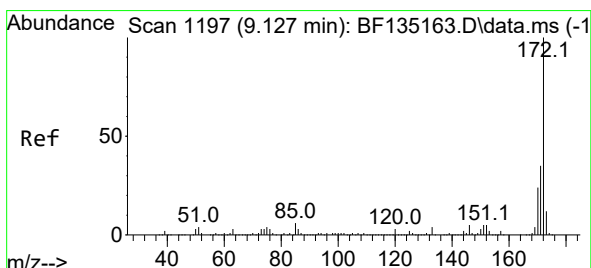
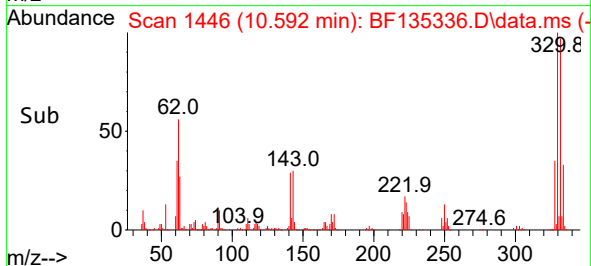
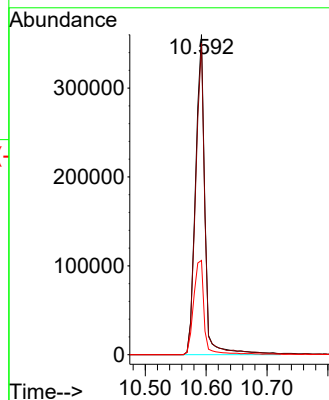
Tgt Ion:330 Resp: 385105

Ion Ratio Lower Upper

330 100

332 97.1 77.3 115.9

141 33.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 93.047 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.012 min

Lab File: BF135336.D

Acq: 19 Sep 2023 15:46

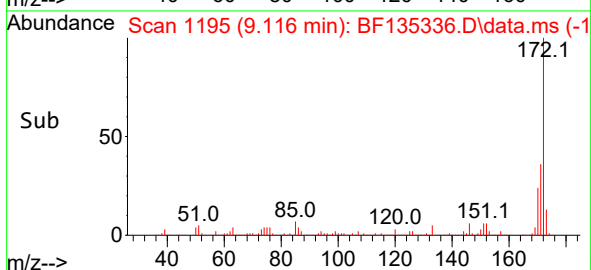
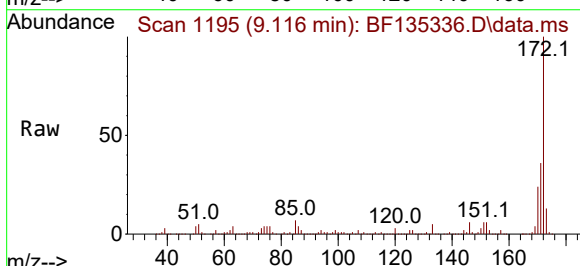
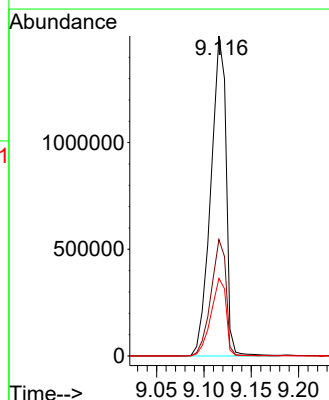
Tgt Ion:172 Resp: 1688252

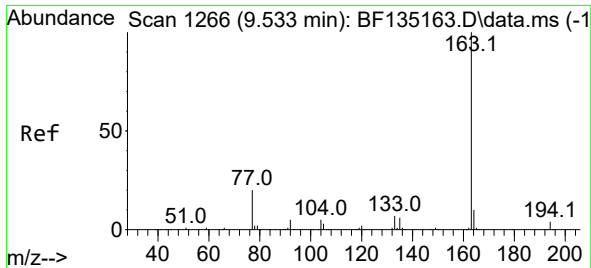
Ion Ratio Lower Upper

172 100

171 36.4 28.4 42.6

170 24.3 19.0 28.4

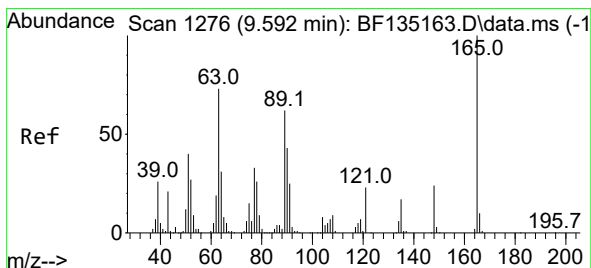
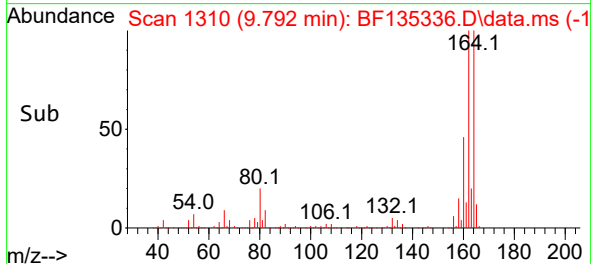
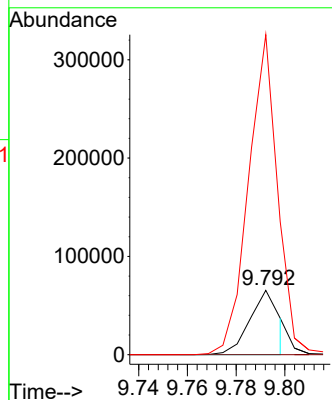
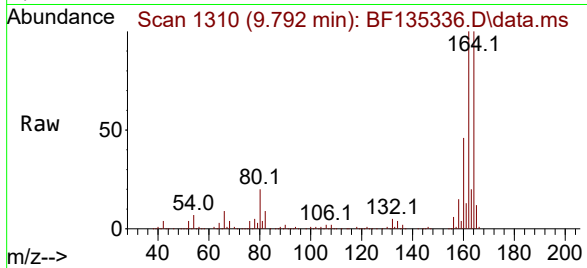




#50
Dimethylphthalate
Concen: 2.950 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.259 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

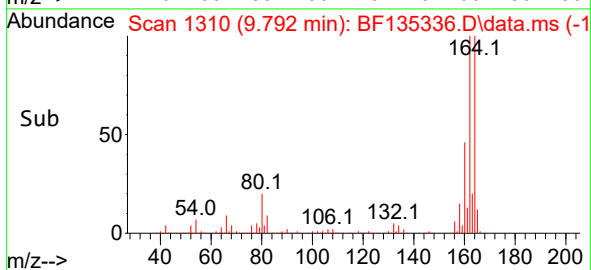
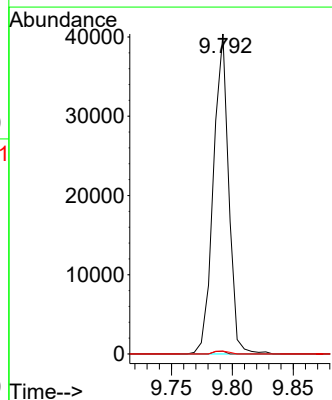
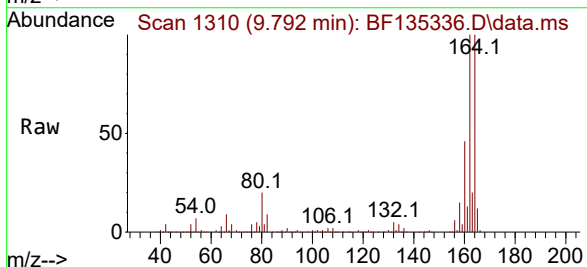
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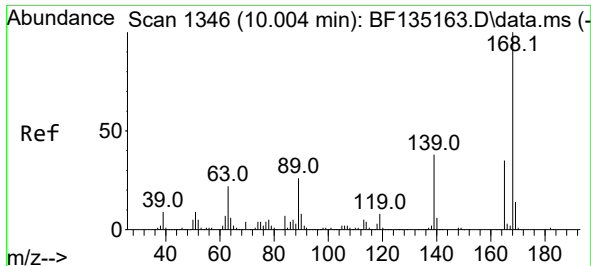
Tgt Ion:163 Resp: 54605
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 497.2 8.1 12.1#



#51
2,6-Dinitrotoluene
Concen: 8.708 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.200 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

Tgt Ion:165 Resp: 35308
Ion Ratio Lower Upper
165 100
63 0.9 59.4 89.2#
89 0.9 49.8 74.8#

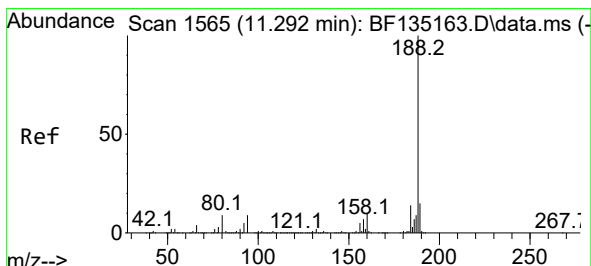
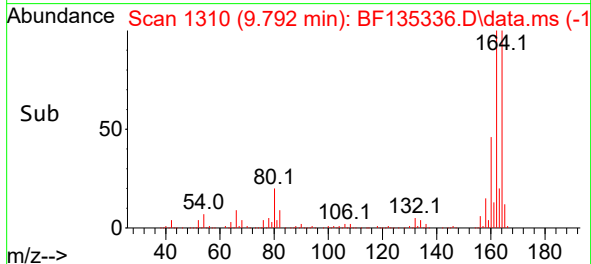
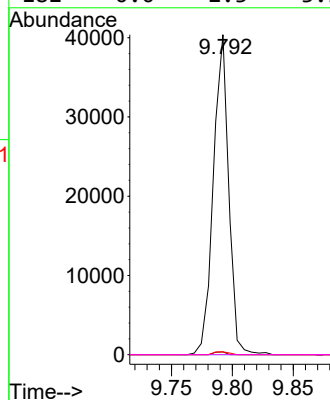
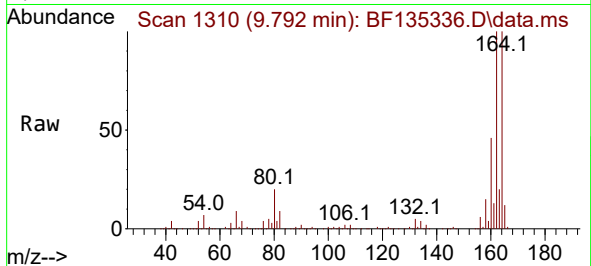




#57
2,4-Dinitrotoluene
Concen: 6.956 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.212 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

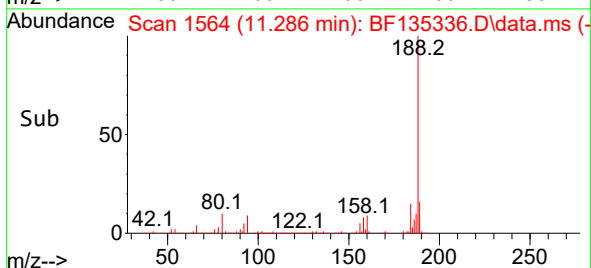
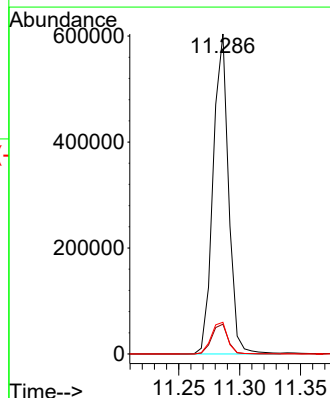
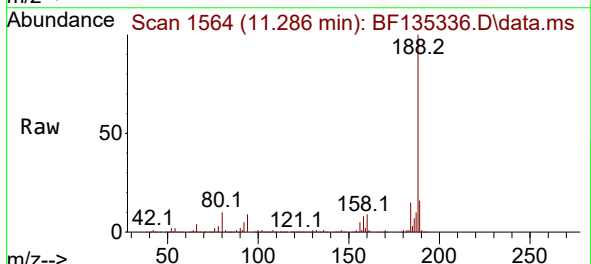
Instrument :
BNA_F
ClientSampleId :
PB155558BL

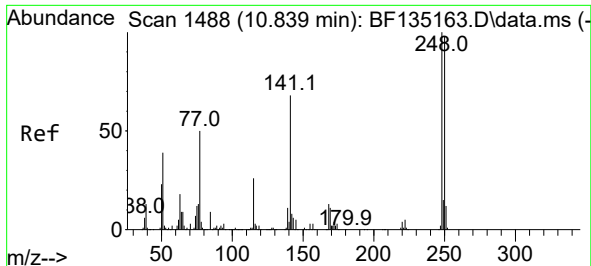
Tgt Ion:165 Resp: 35308
Ion Ratio Lower Upper
165 100
63 0.9 50.1 75.1#
89 0.9 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

Tgt Ion:188 Resp: 534187
Ion Ratio Lower Upper
188 100
94 9.3 7.0 10.6
80 9.9 7.5 11.3

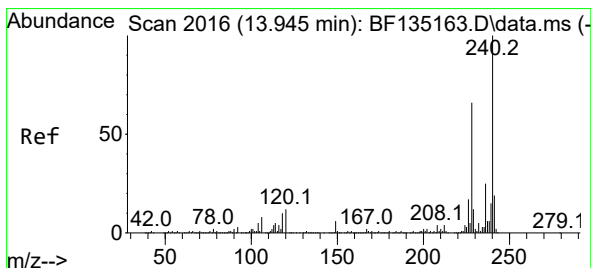
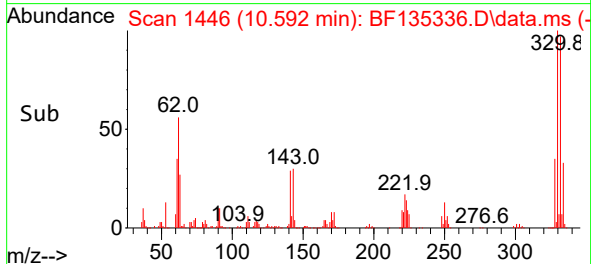
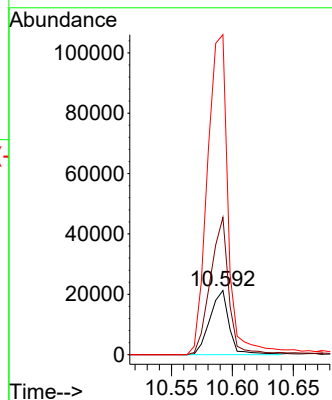
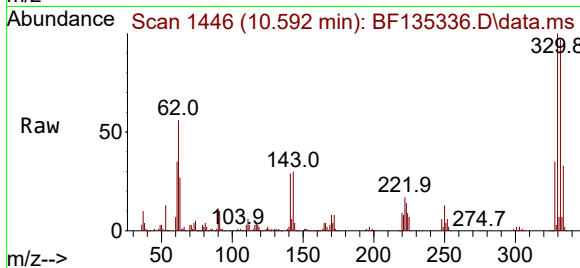




#67
4-Bromophenyl-phenylether
Concen: 4.398 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

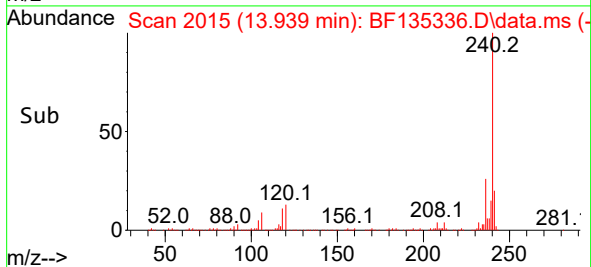
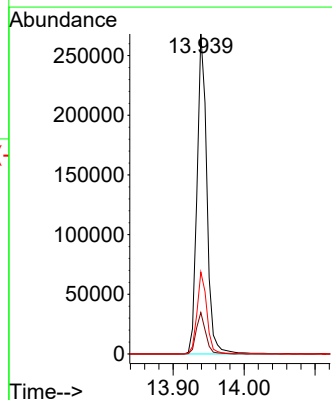
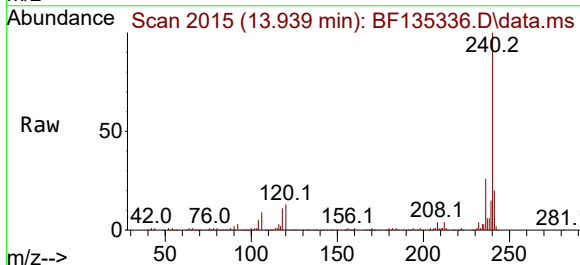
Instrument :
BNA_F
ClientSampleId :
PB155558BL

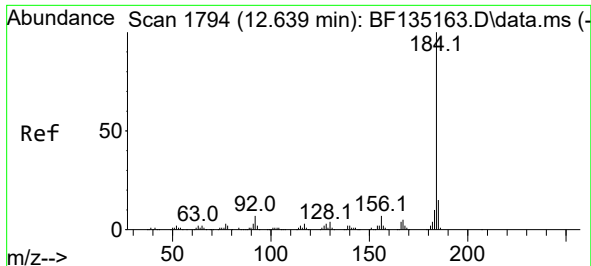
Tgt Ion:248 Resp: 23366
Ion Ratio Lower Upper
248 100
250 214.1 78.6 117.8#
141 499.0 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

Tgt Ion:240 Resp: 258872
Ion Ratio Lower Upper
240 100
120 13.0 9.4 14.2
236 25.6 19.8 29.8

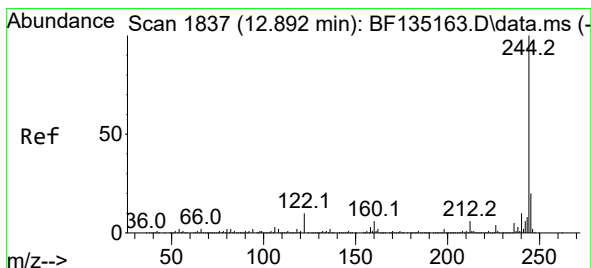
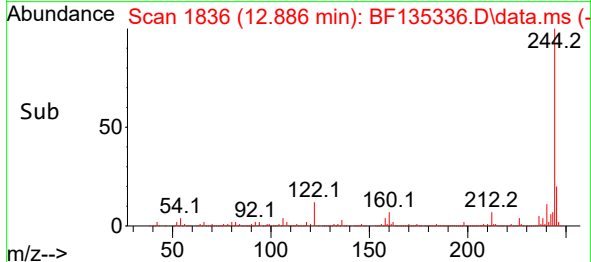
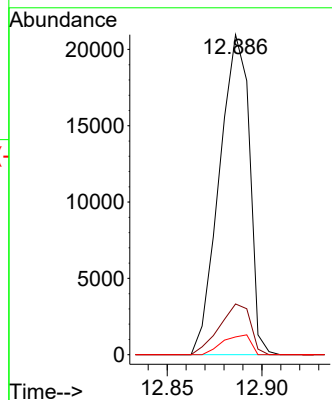
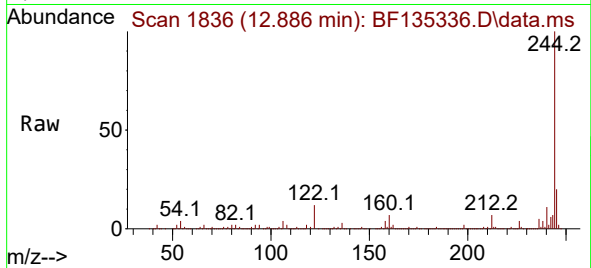




#77
Benzidine
Concen: 4.364 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.247 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

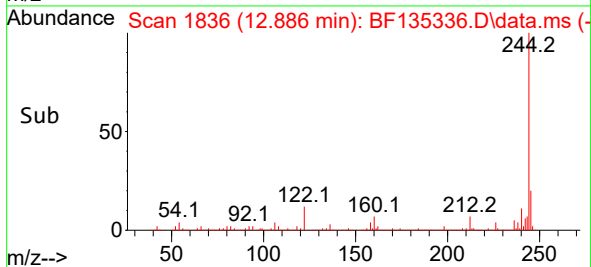
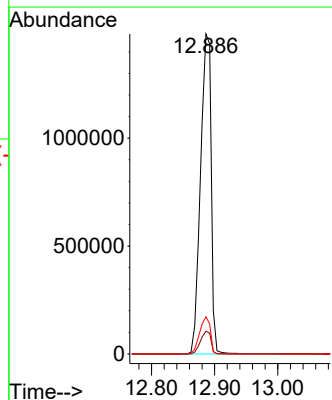
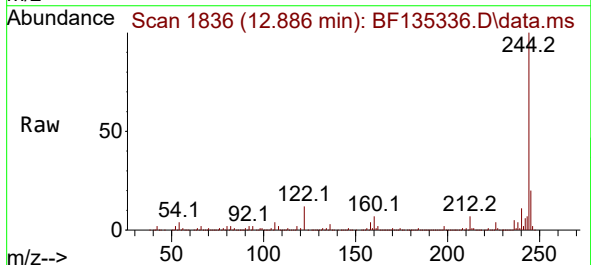
Instrument :
BNA_F
ClientSampleId :
PB155558BL

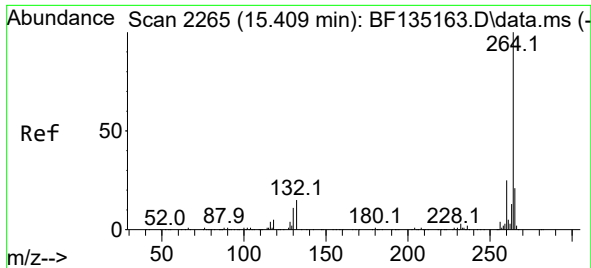
Tgt Ion:184 Resp: 23143
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 5.6 8.2 12.4#



#79
Terphenyl-d14
Concen: 104.064 ng
RT: 12.886 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

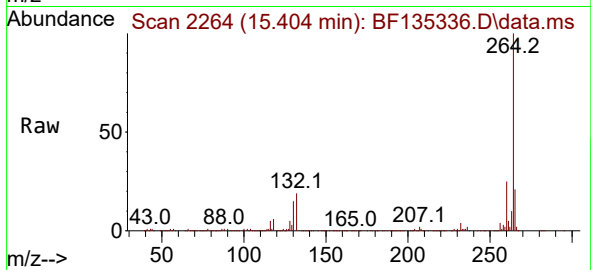
Tgt Ion:244 Resp: 1737808
Ion Ratio Lower Upper
244 100
212 7.1 5.1 7.7
122 11.6 7.9 11.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135336.D
Acq: 19 Sep 2023 15:46

Instrument :
BNA_F
ClientSampleId :
PB155558BL



Tgt Ion:264 Resp: 270912
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.6
265 21.0 17.0 25.4

