

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133099.D
 Acq On : 27 Apr 2023 14:50
 Operator : CG\JU
 Sample : 02495-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GMW-5

Quant Time: Apr 28 02:07:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 28 02:00:53 2023
 Response via : Initial Calibration

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

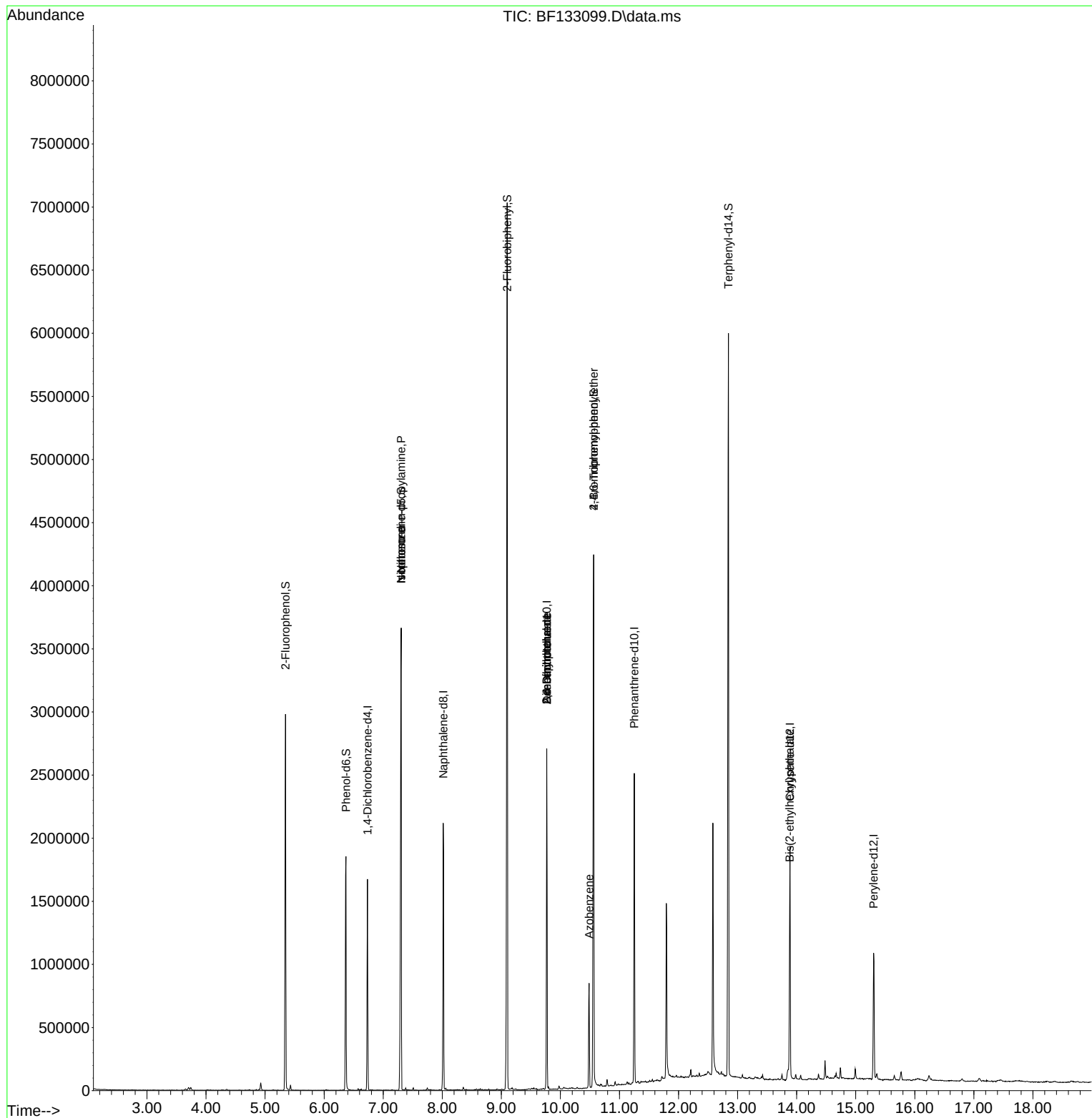
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	225876	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	938461	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	494838	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	866281	20.000	ng	0.00
76) Chrysene-d12	13.886	240	521668	20.000	ng	-0.01
86) Perylene-d12	15.304	264	439486	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	814695	54.485	ng	0.00
7) Phenol-d6	6.369	99	631558	34.029	ng	-0.01
23) Nitrobenzene-d5	7.304	82	1334425	76.751	ng	0.00
42) 2,4,6-Tribromophenol	10.563	330	612356	123.049	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	2354309	79.597	ng	0.00
79) Terphenyl-d14	12.845	244	2331876	77.093	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	373	Below Cal	#	53
19) n-Nitroso-di-n-propyla...	7.304	70	176144	15.245	ng	# 76
25) Isophorone	7.304	82	1329596	40.278	ng	# 62
50) Dimethylphthalate	9.769	163	98463	2.854	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	64139	8.259	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	64139	6.476	ng	# 23
63) Azobenzene	10.486	77	136452	3.952	ng	# 1
67) 4-Bromophenyl-phenylether	10.563	248	37628	4.005	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.880	149	46649	2.347	ng	99

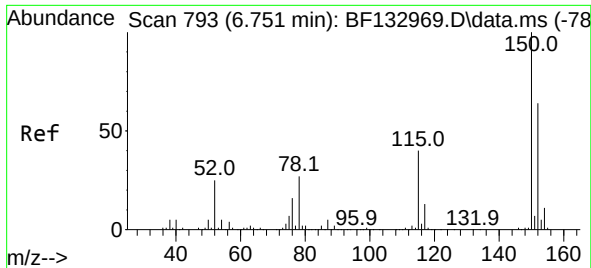
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 28 02:00:53 2023
Response via : Initial Calibration

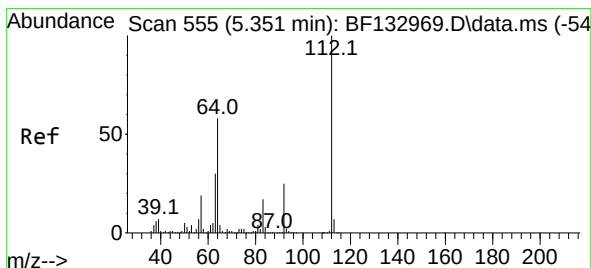
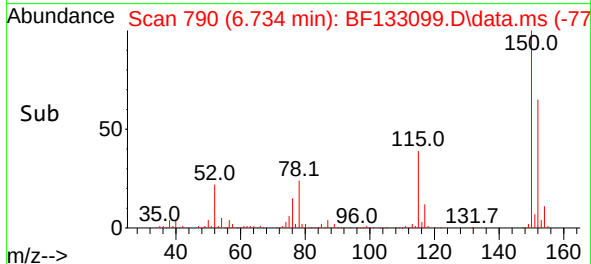
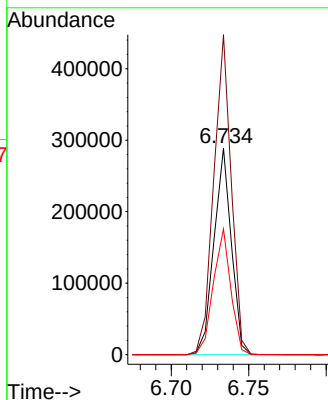
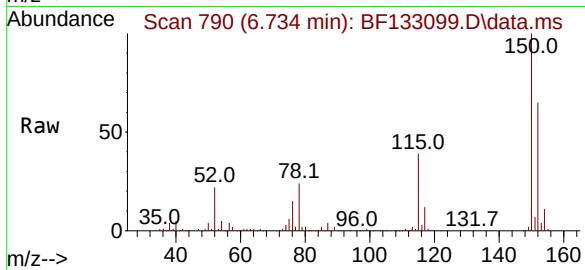




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF133099.D
 Acq: 27 Apr 2023 14:50

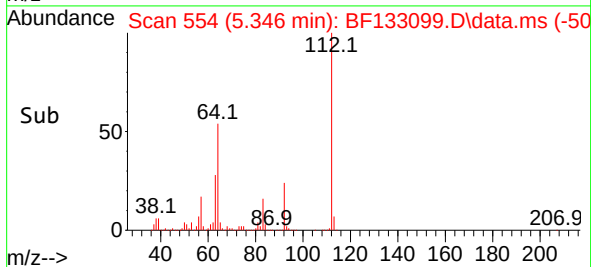
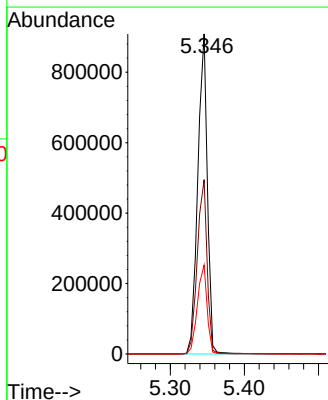
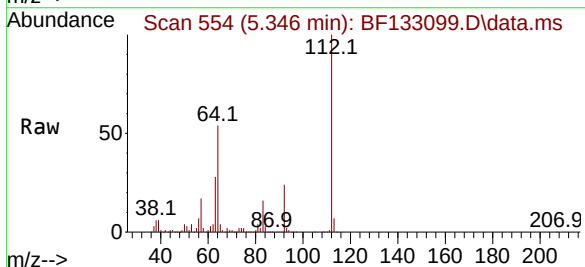
Instrument :
 BNA_F
 ClientSampleId :
 GMW-5

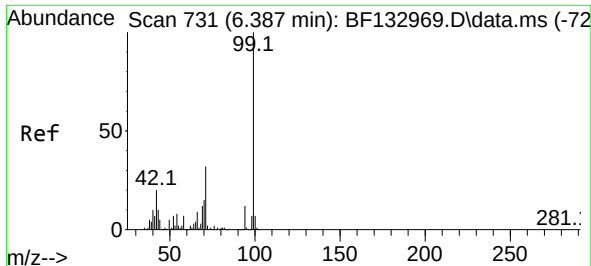
Tgt Ion:152 Resp: 225876
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.8 187.2
 115 60.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 54.485 ng
 RT: 5.346 min Scan# 554
 Delta R.T. -0.000 min
 Lab File: BF133099.D
 Acq: 27 Apr 2023 14:50

Tgt Ion:112 Resp: 814695
 Ion Ratio Lower Upper
 112 100
 64 54.5 46.8 70.2
 63 27.8 23.8 35.8

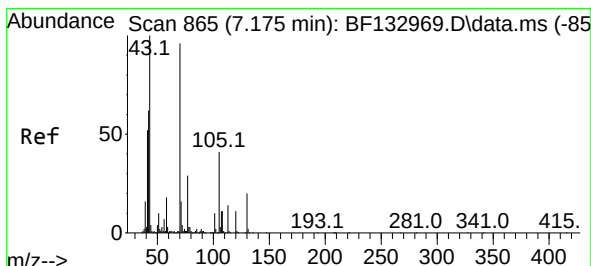
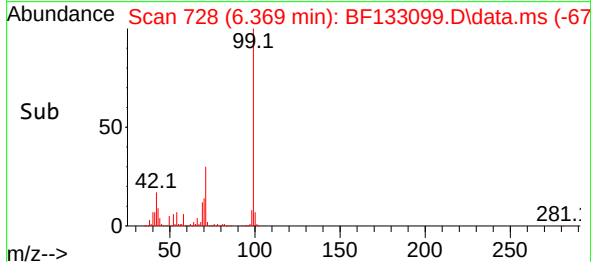
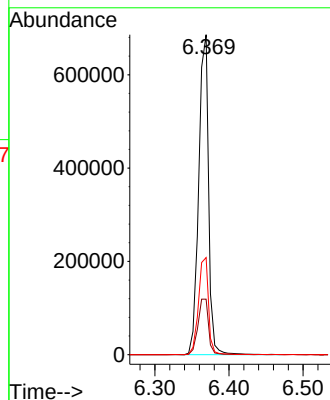
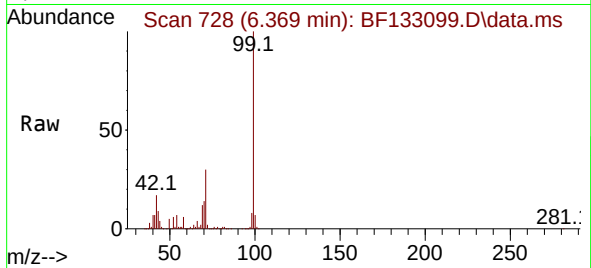




#7
Phenol-d6
Concen: 34.029 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

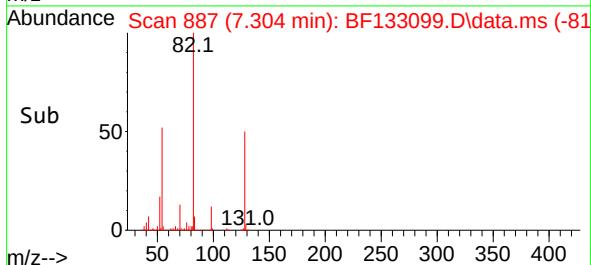
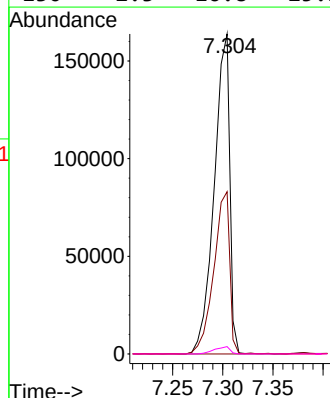
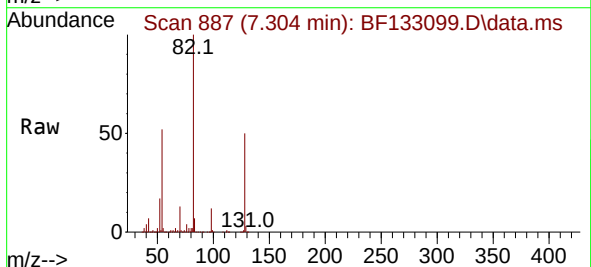
Instrument :
BNA_F
ClientSampleId :
GMW-5

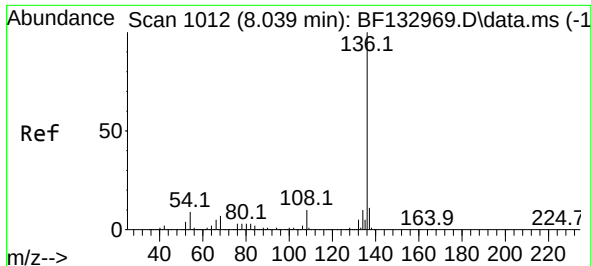
Tgt Ion: 99 Resp: 631558
Ion Ratio Lower Upper
99 100
42 17.4 16.3 24.5
71 30.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.245 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.147 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Tgt Ion: 70 Resp: 176144
Ion Ratio Lower Upper
70 100
42 50.7 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



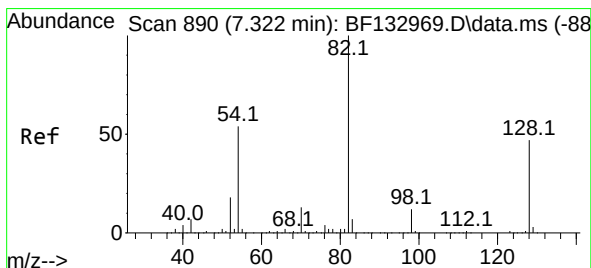
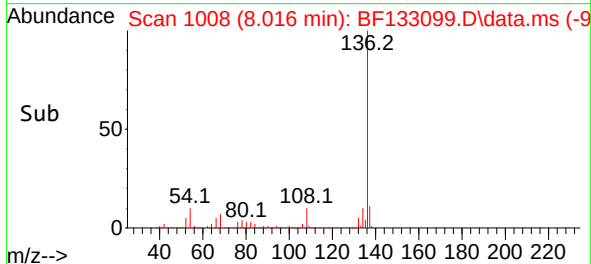
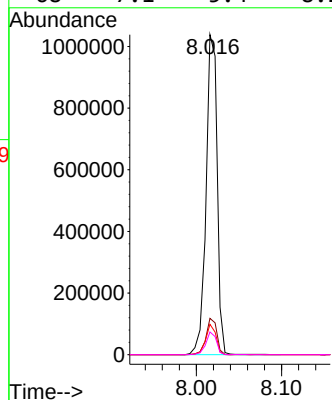
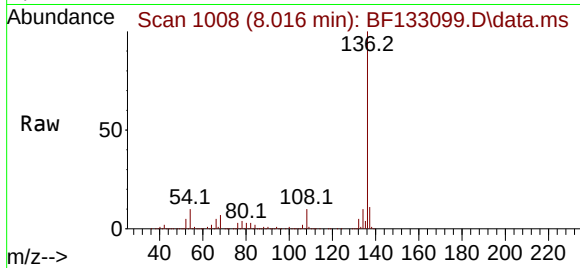


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:136 Resp: 938461

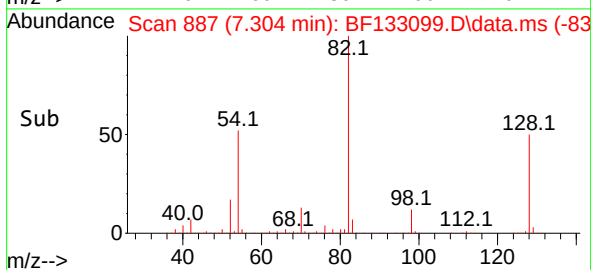
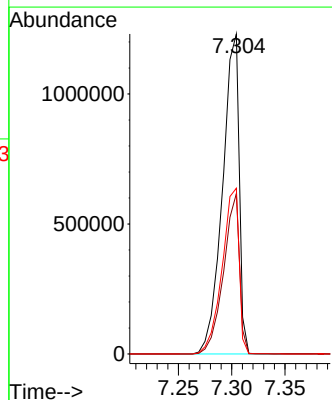
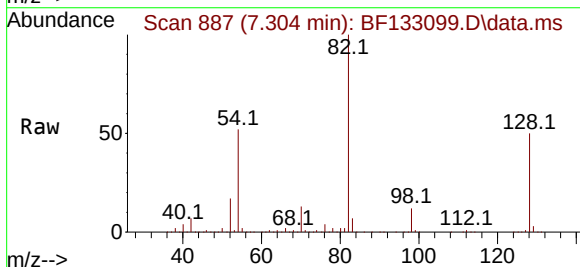
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.5	7.0	10.4
68	7.1	5.4	8.2

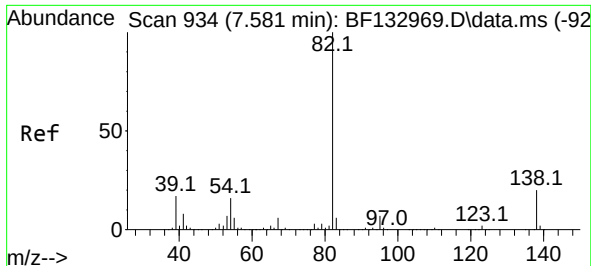


#23
Nitrobenzene-d5
Concen: 76.751 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Tgt Ion: 82 Resp: 1334425

Ion	Ratio	Lower	Upper
82	100		
128	50.1	37.7	56.5
54	51.8	43.0	64.4

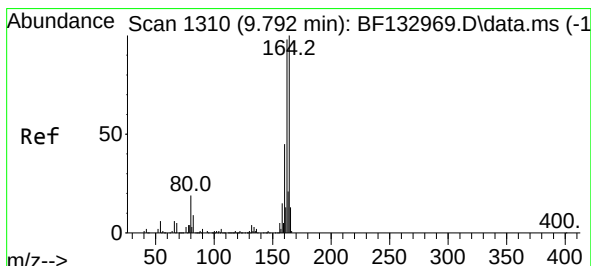
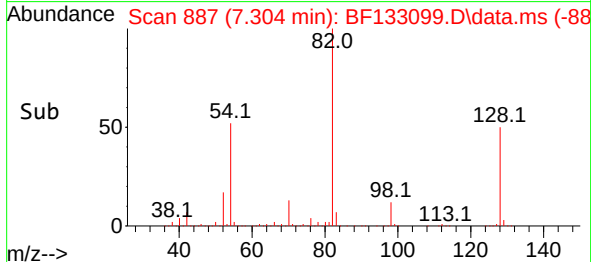
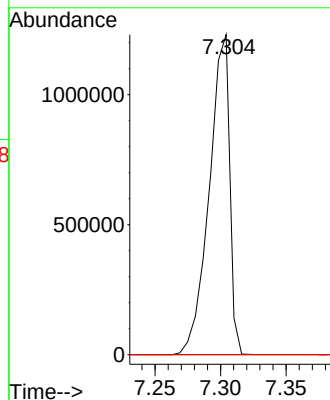
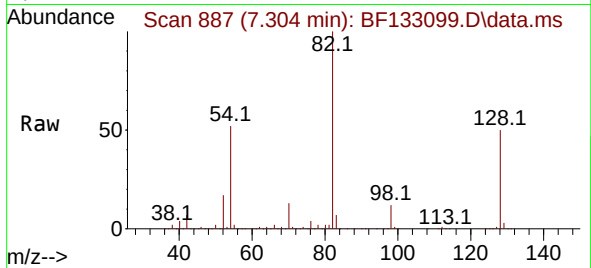




#25
Isophorone
Concen: 40.278 ng
RT: 7.304 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

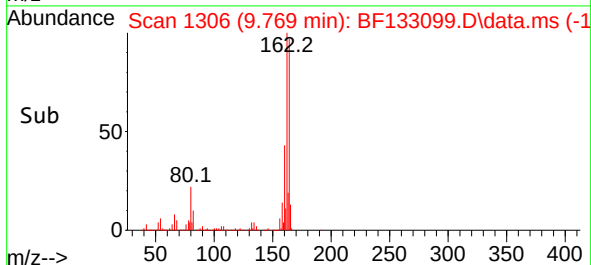
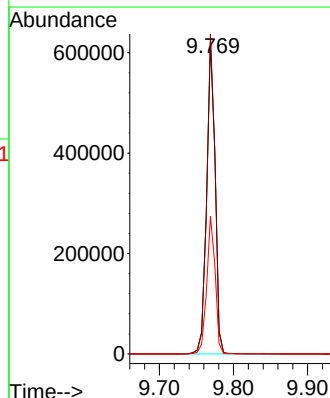
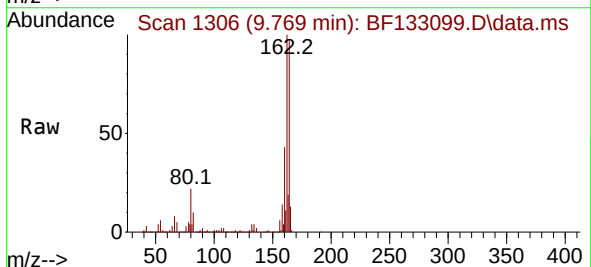
Instrument :
BNA_F
ClientSampleId :
GMW-5

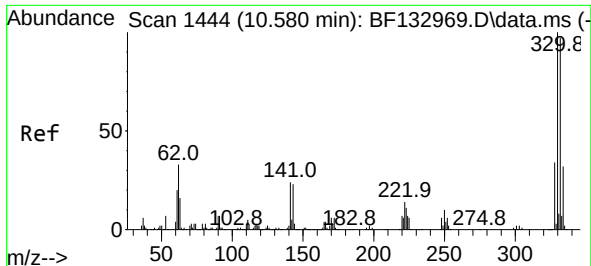
Tgt Ion: 82 Resp: 1329596
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Tgt Ion:164 Resp: 494838
Ion Ratio Lower Upper
164 100
162 102.7 78.7 118.1
160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 123.049 ng

RT: 10.563 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF133099.D

Acq: 27 Apr 2023 14:50

Instrument :

BNA_F

ClientSampleId :

GMW-5

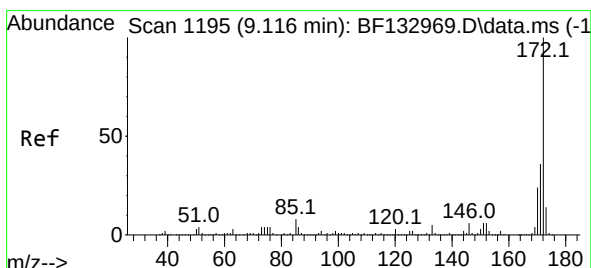
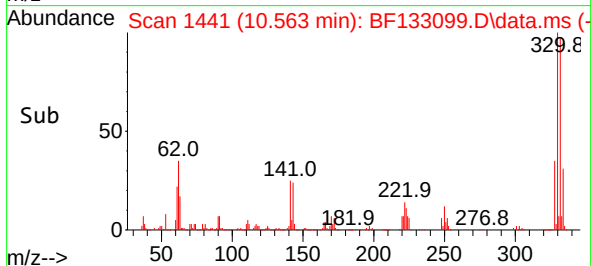
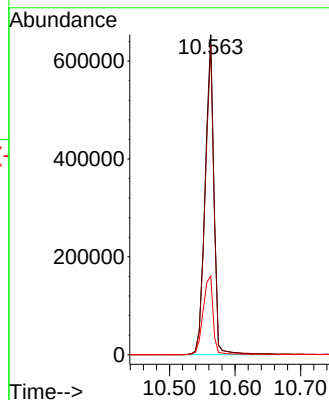
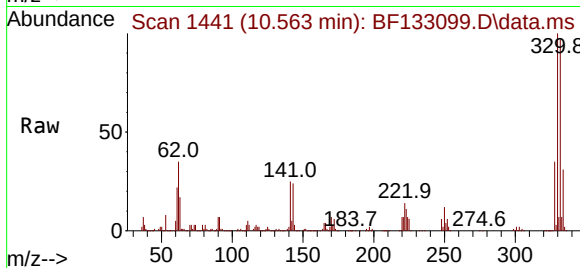
Tgt Ion:330 Resp: 612356

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 28.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 79.597 ng

RT: 9.098 min Scan# 1192

Delta R.T. -0.000 min

Lab File: BF133099.D

Acq: 27 Apr 2023 14:50

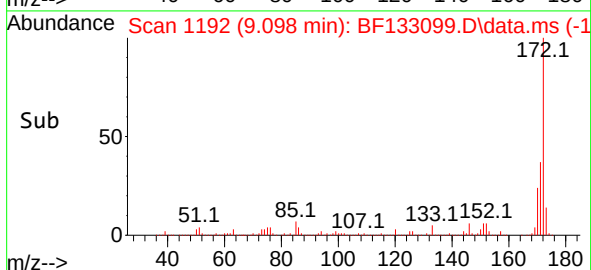
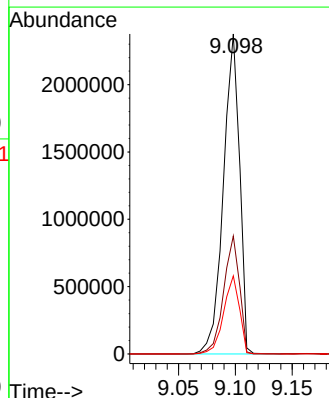
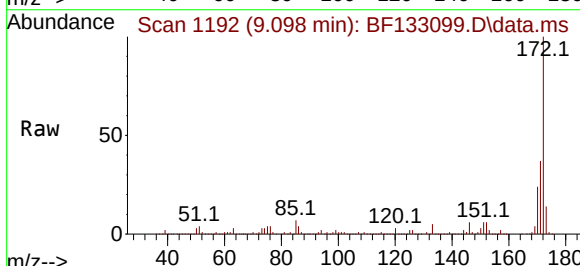
Tgt Ion:172 Resp: 2354309

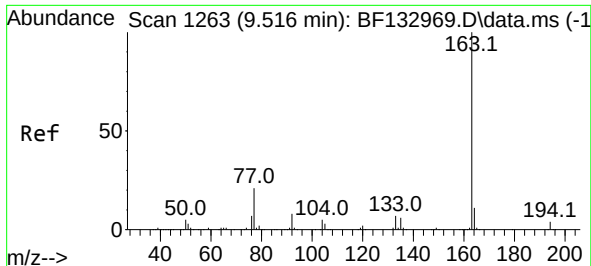
Ion Ratio Lower Upper

172 100

171 36.8 28.8 43.2

170 24.4 19.4 29.2

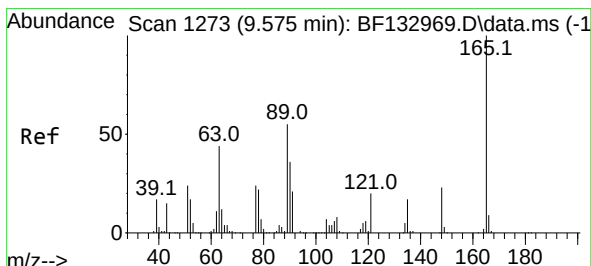
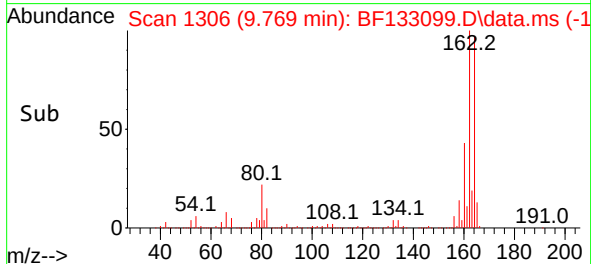
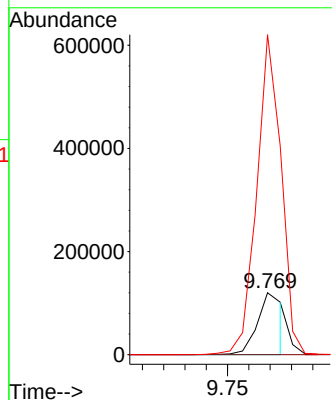
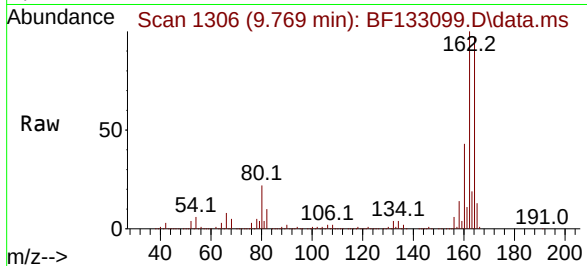




#50
Dimethylphthalate
Concen: 2.854 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

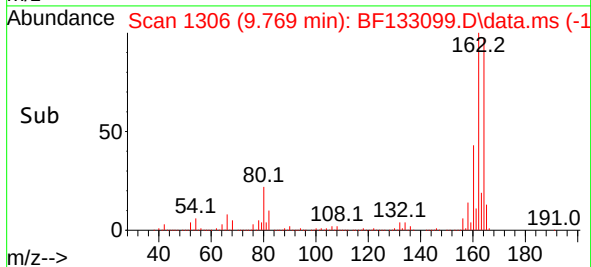
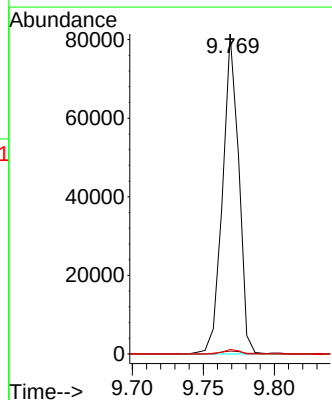
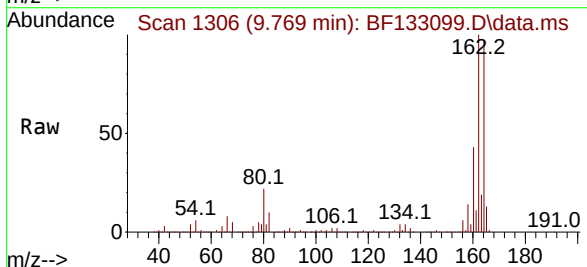
Instrument :
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GMW-5

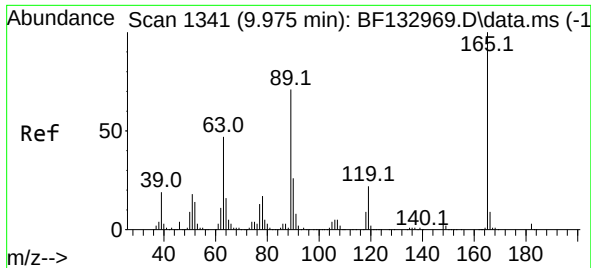
Tgt Ion:163 Resp: 98463
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 517.2 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.259 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Tgt Ion:165 Resp: 64139
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.4 44.0 66.0#

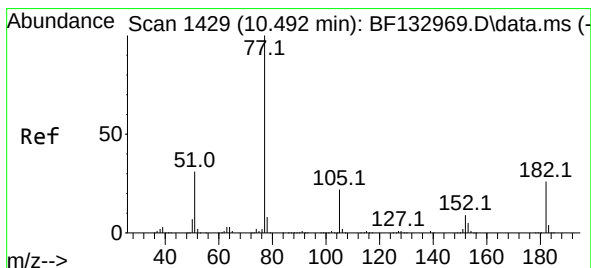
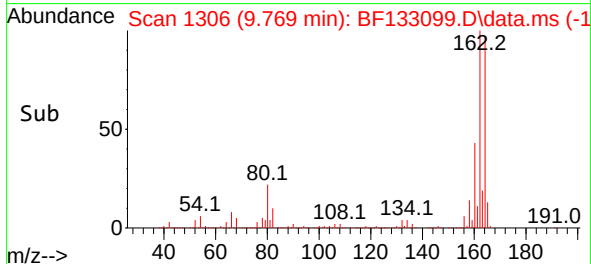
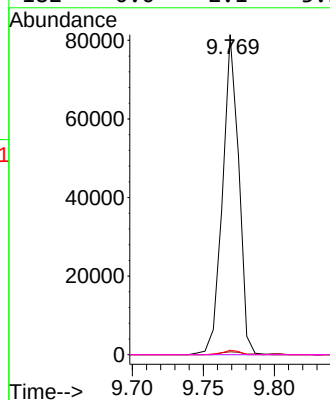
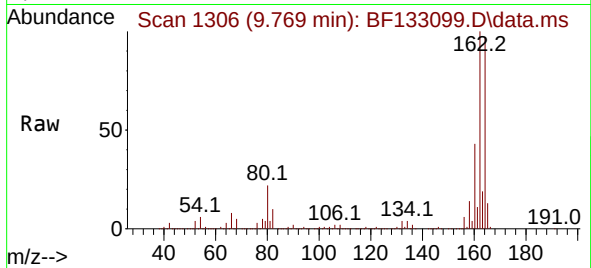




#57
2,4-Dinitrotoluene
Concen: 6.476 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

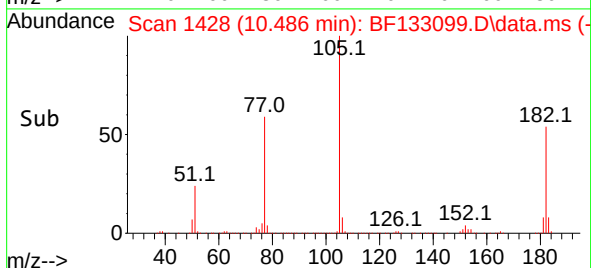
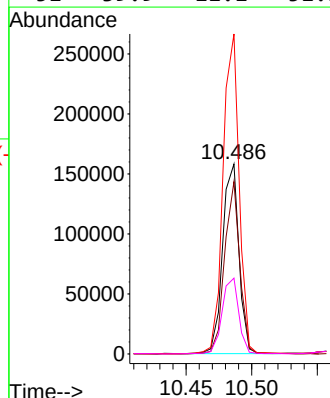
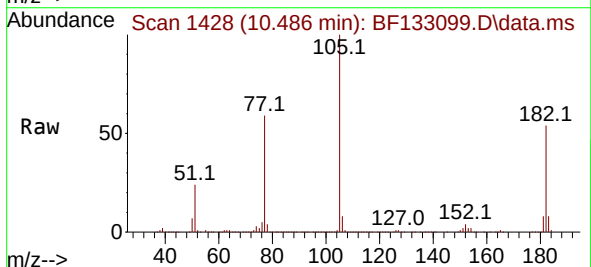
Instrument :
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GMW-5

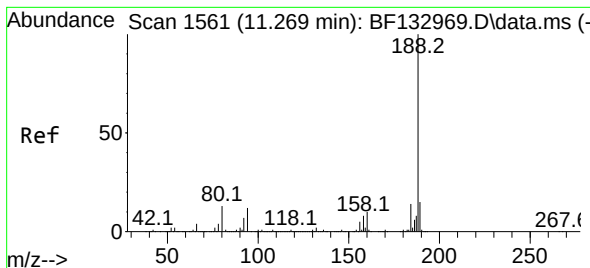
Tgt Ion:165 Resp: 64139
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.952 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Tgt Ion: 77 Resp: 136452
Ion Ratio Lower Upper
77 100
182 90.7 5.9 45.9#
105 168.5 2.3 42.3#
51 39.9 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.251 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133099.D

Acq: 27 Apr 2023 14:50

Instrument :

BNA_F

ClientSampleId :

GMW-5

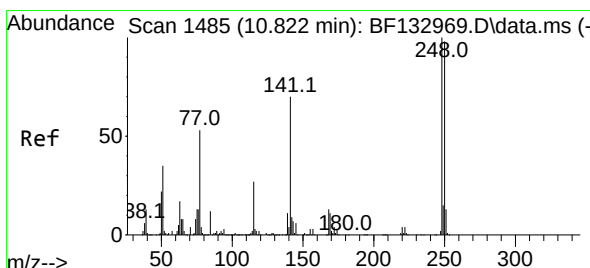
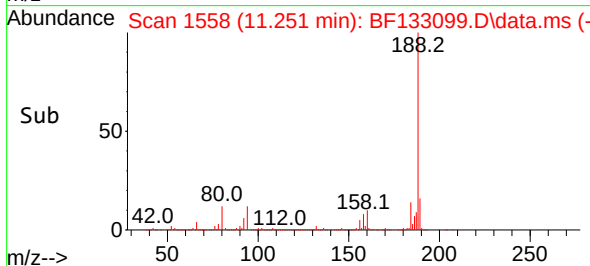
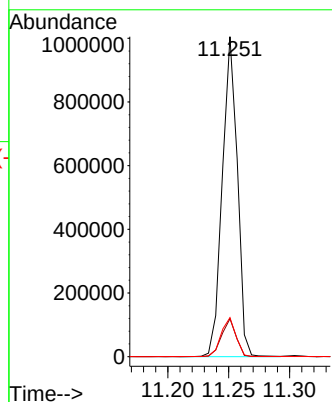
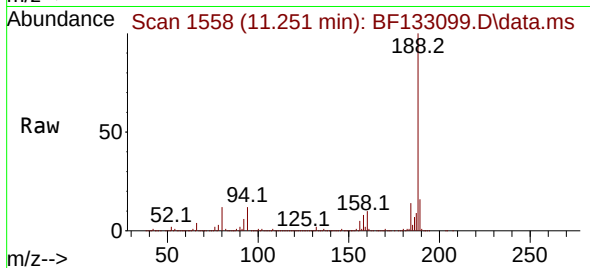
Tgt Ion:188 Resp: 866281

Ion Ratio Lower Upper

188 100

94 11.9 9.7 14.5

80 12.2 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 4.005 ng

RT: 10.563 min Scan# 1441

Delta R.T. -0.241 min

Lab File: BF133099.D

Acq: 27 Apr 2023 14:50

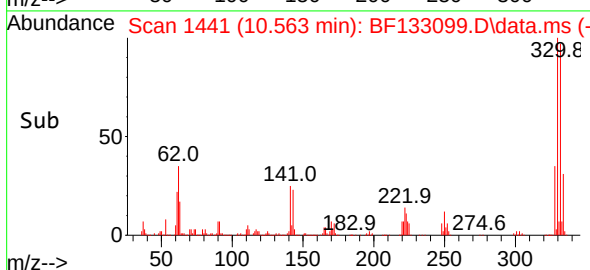
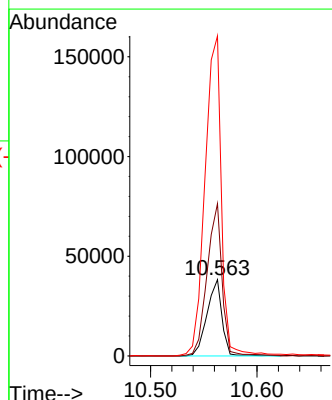
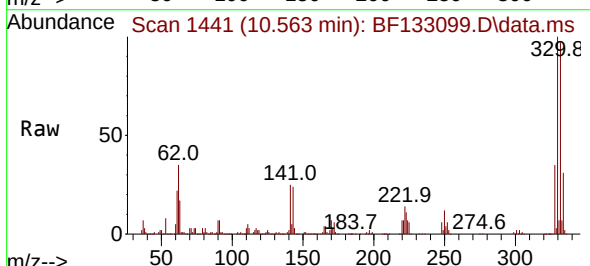
Tgt Ion:248 Resp: 37628

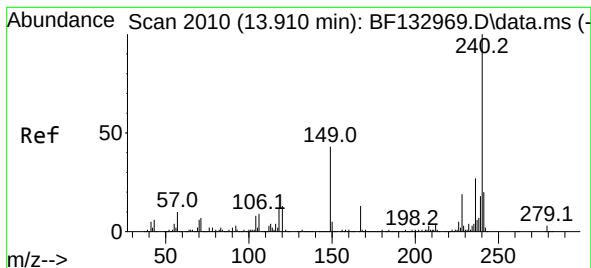
Ion Ratio Lower Upper

248 100

250 199.8 78.7 118.1#

141 419.6 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.886 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF133099.D

Acq: 27 Apr 2023 14:50

Instrument :

BNA_F

ClientSampleId :

GMW-5

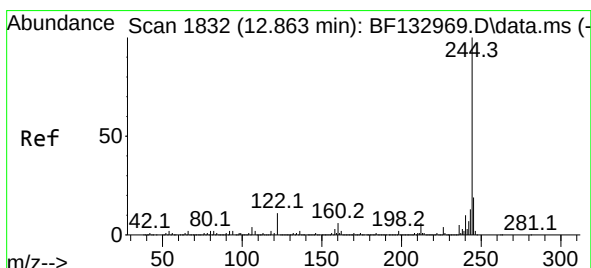
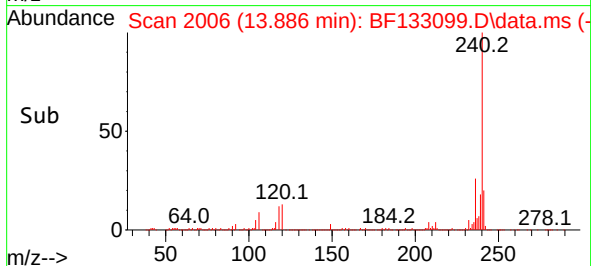
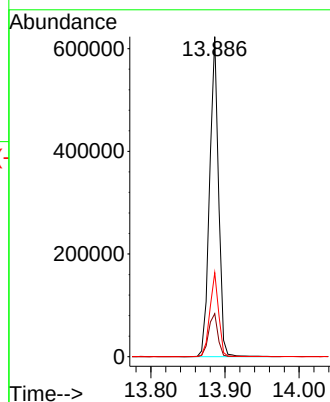
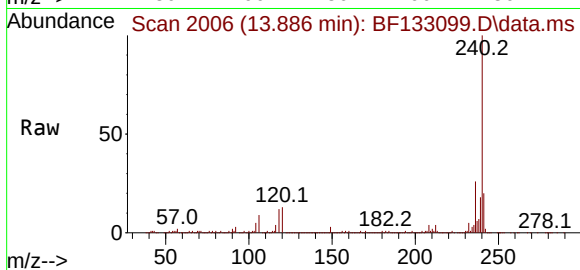
Tgt Ion:240 Resp: 521668

Ion Ratio Lower Upper

240 100

120 13.4 10.5 15.7

236 26.3 21.5 32.3



#79

Terphenyl-d14

Concen: 77.093 ng

RT: 12.845 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF133099.D

Acq: 27 Apr 2023 14:50

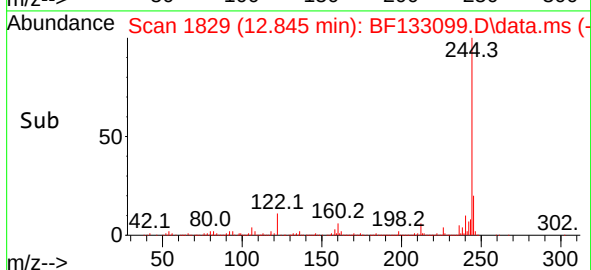
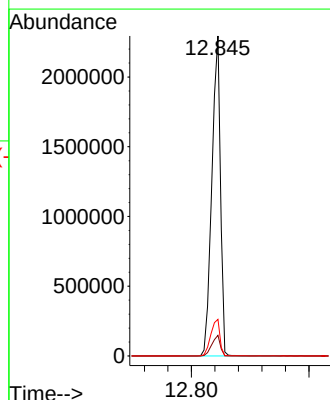
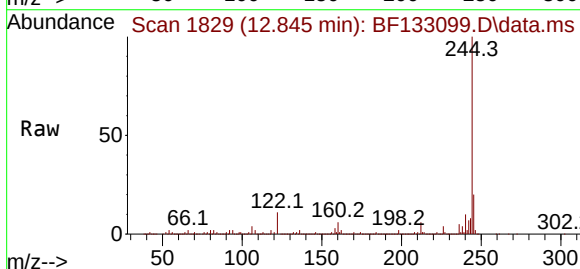
Tgt Ion:244 Resp: 2331876

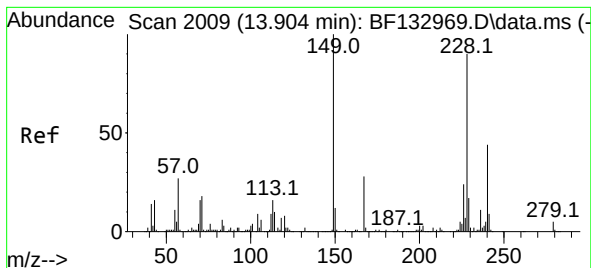
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 11.5 8.6 13.0

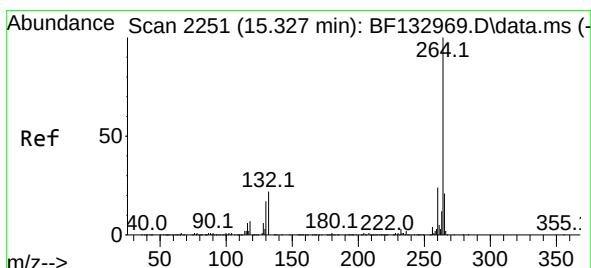
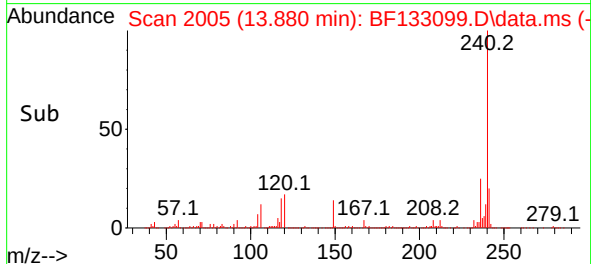
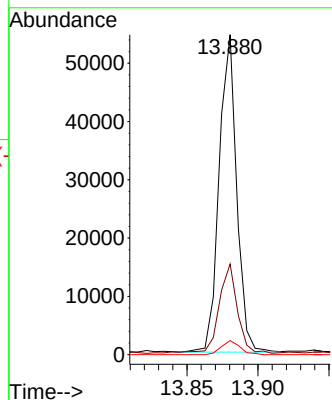
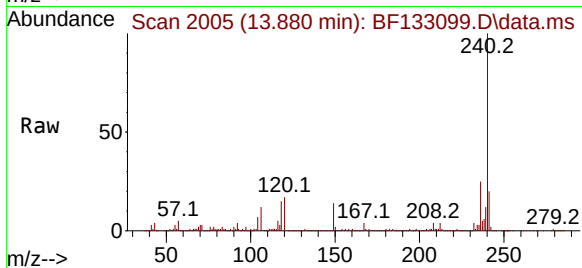




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.347 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Instrument :
BNA_F
ClientSampleId :
GMW-5

Tgt Ion:149 Resp: 46649
Ion Ratio Lower Upper
149 100
167 28.3 22.5 33.7
279 4.4 4.2 6.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 2247
Delta R.T. -0.012 min
Lab File: BF133099.D
Acq: 27 Apr 2023 14:50

Tgt Ion:264 Resp: 439486
Ion Ratio Lower Upper
264 100
260 23.4 18.8 28.2
265 21.5 17.0 25.4

