

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051623\
 Data File : BF133398.D
 Acq On : 16 May 2023 12:49
 Operator : CG\JU
 Sample : PB152835BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152835BL

Quant Time: May 16 13:11:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 11 16:40:17 2023
 Response via : Initial Calibration

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

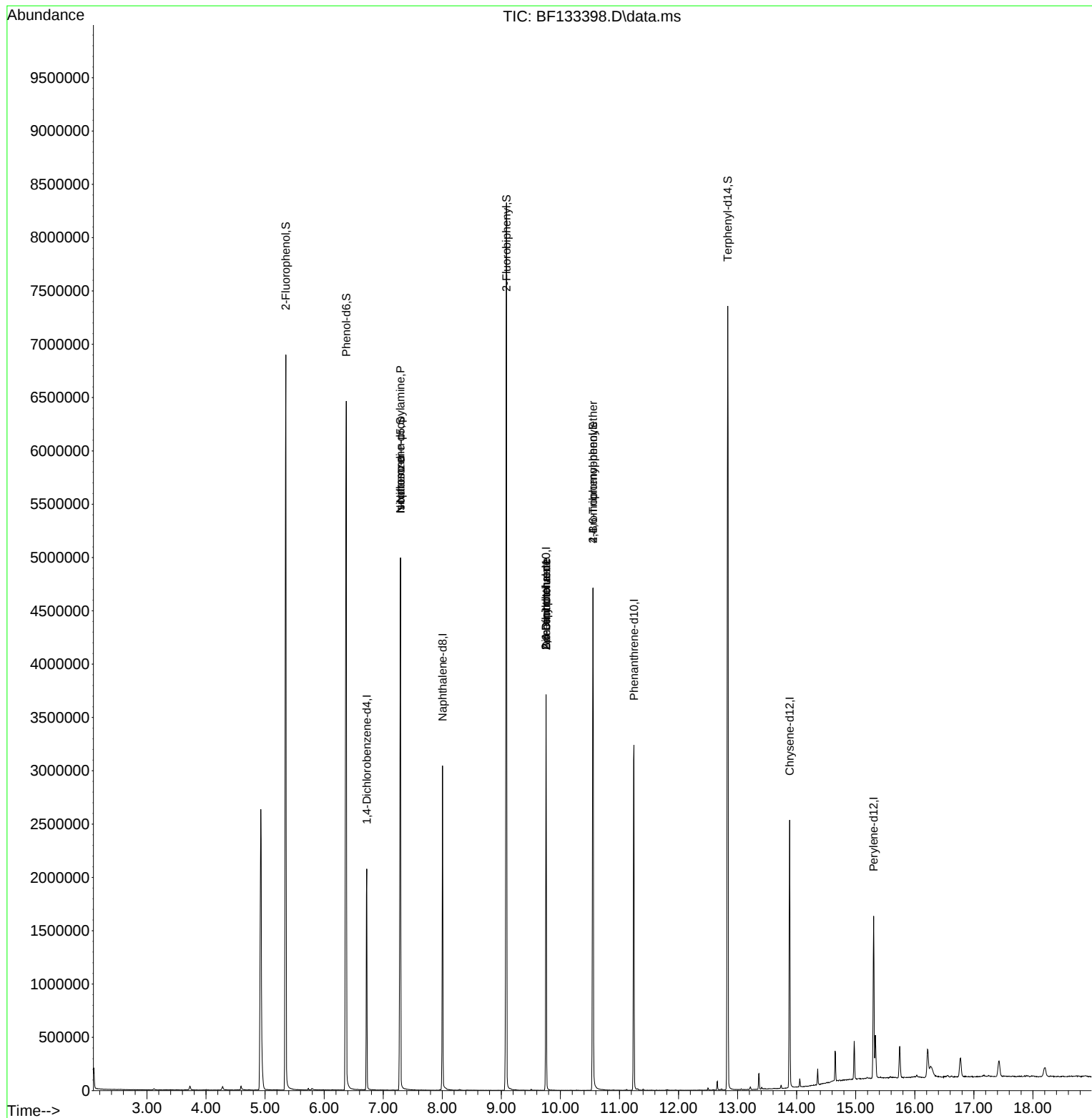
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	313099	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	1309157	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	693866	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	1243711	20.000	ng	# 0.00
76) Chrysene-d12	13.880	240	802856	20.000	ng	0.00
86) Perylene-d12	15.304	264	650005	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	2318047	111.839	ng	0.02
7) Phenol-d6	6.375	99	2783854	108.211	ng	0.00
23) Nitrobenzene-d5	7.293	82	1761621	72.632	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	724116	103.769	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2880410	69.450	ng	0.00
79) Terphenyl-d14	12.833	244	3275396	70.361	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.281	77	305	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.293	70	233307	14.567	ng	# 74
25) Isophorone	7.293	82	1761609	38.254	ng	# 62
50) Dimethylphthalate	9.757	163	137850	2.849	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	90781	8.337	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	90781	6.537	ng	# 23
67) 4-Bromophenyl-phenylether	10.551	248	45620	3.382	ng	# 1

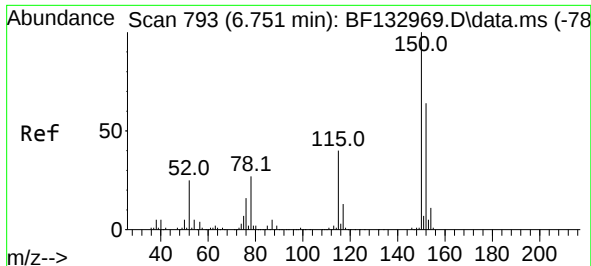
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 16 13:11:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 11 16:40:17 2023
Response via : Initial Calibration

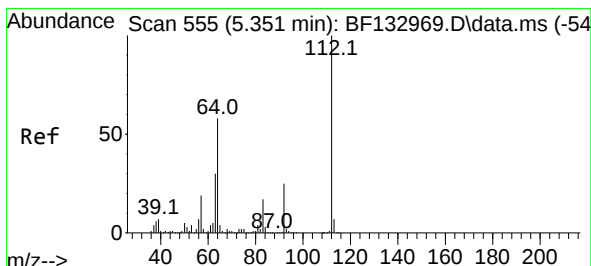
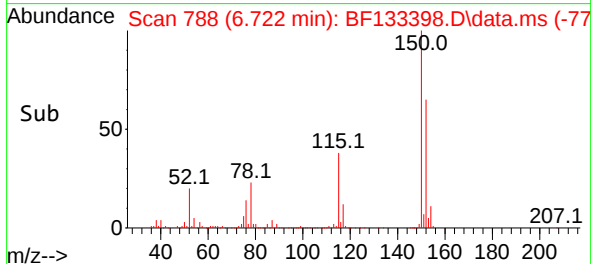
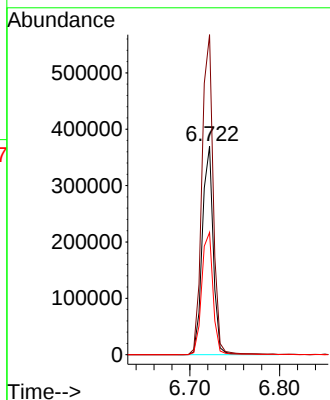
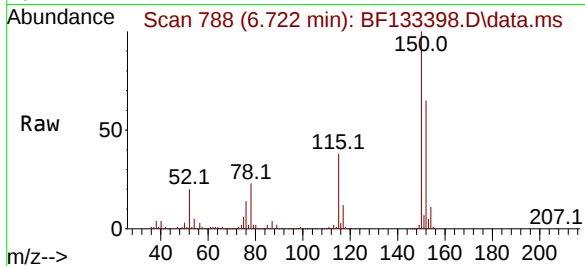




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

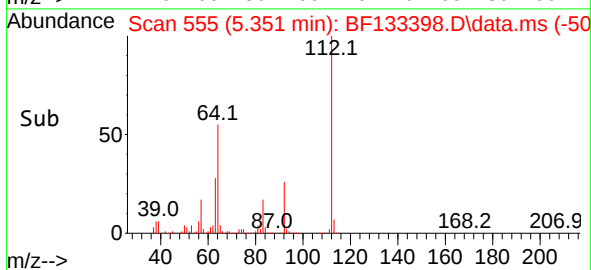
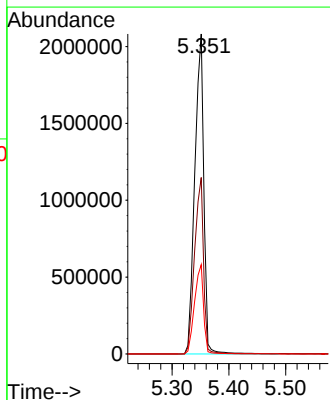
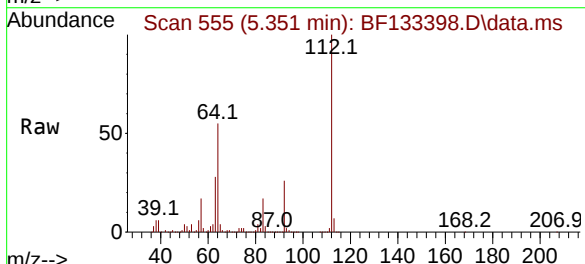
Instrument :
BNA_F
ClientSampleId :
PB152835BL

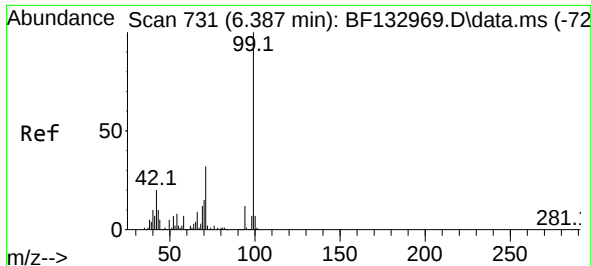
Tgt Ion:152 Resp: 313099
Ion Ratio Lower Upper
152 100
150 153.5 124.8 187.2
115 58.6 49.9 74.9



#5
2-Fluorophenol
Concen: 111.839 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.024 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion:112 Resp: 2318047
Ion Ratio Lower Upper
112 100
64 55.1 46.8 70.2
63 27.9 23.8 35.8

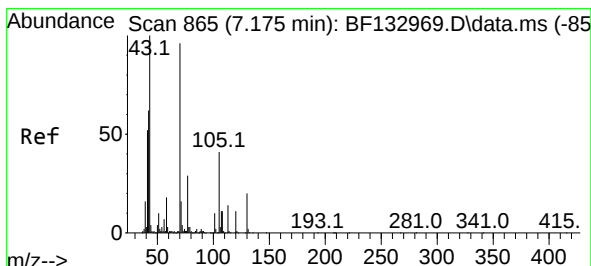
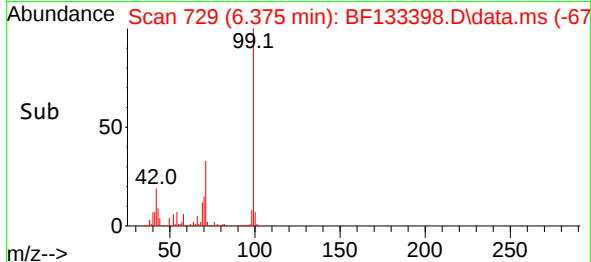
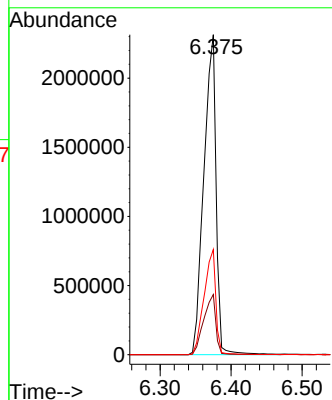
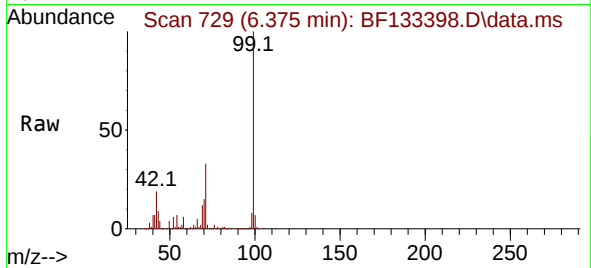




#7
Phenol-d6
Concen: 108.211 ng
RT: 6.375 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

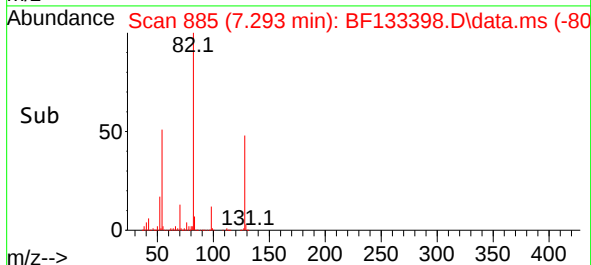
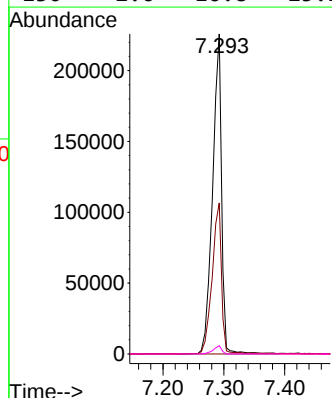
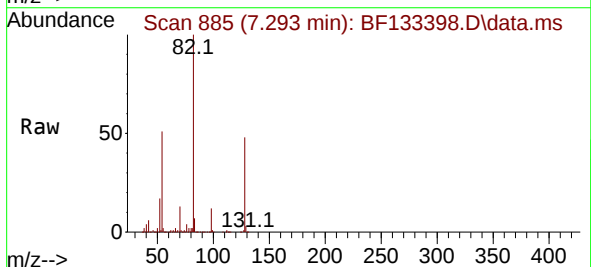
Instrument :
BNA_F
ClientSampleId :
PB152835BL

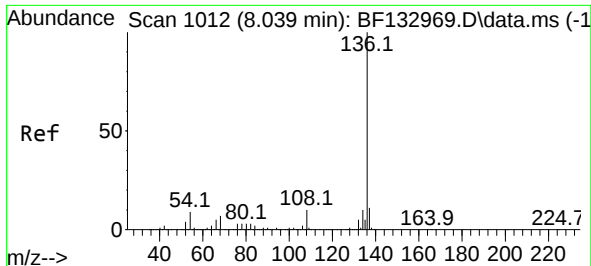
Tgt Ion: 99 Resp: 2783854
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 32.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.567 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion: 70 Resp: 233307
Ion Ratio Lower Upper
70 100
42 47.2 51.8 77.6#
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#

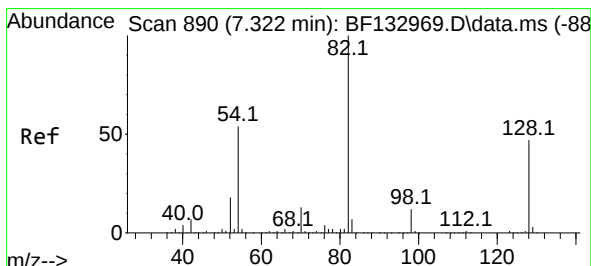
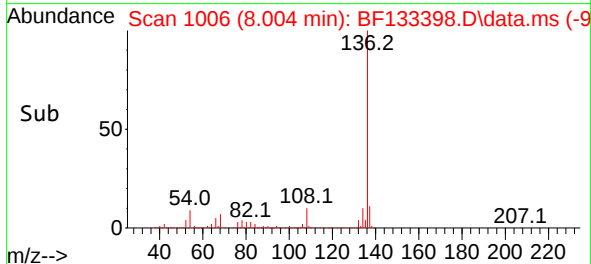
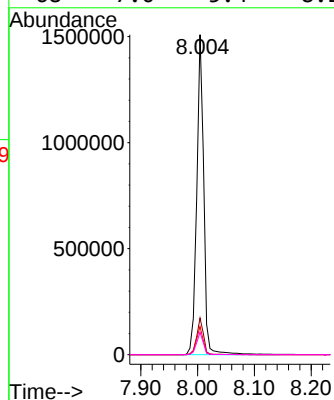
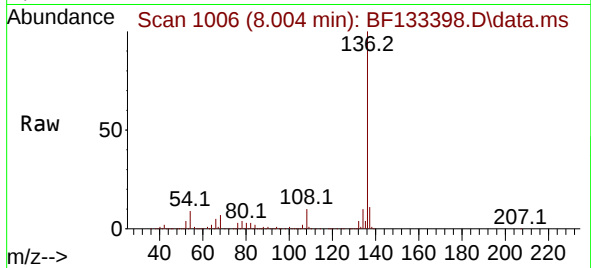




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

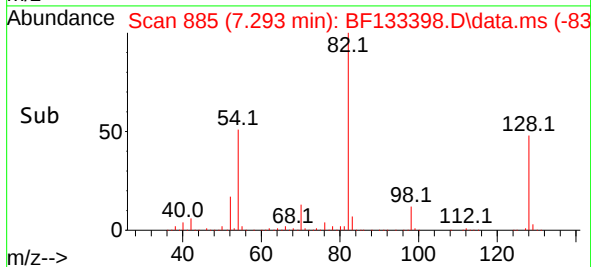
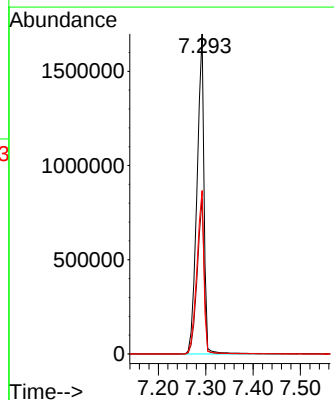
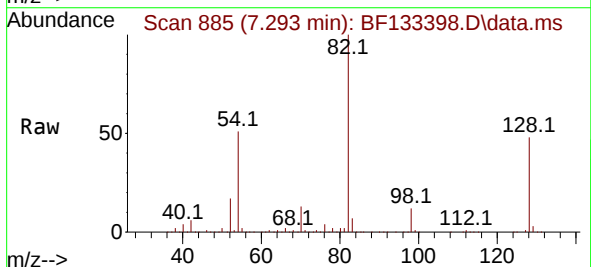
Instrument :
BNA_F
ClientSampleId :
PB152835BL

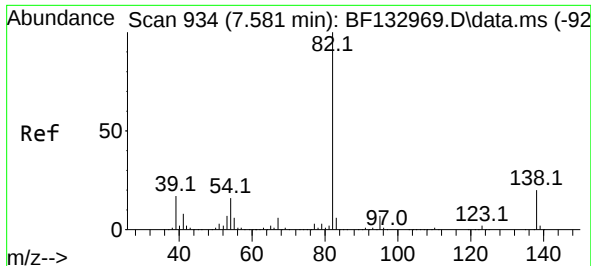
Tgt Ion:136 Resp: 1309157
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 8.8 7.0 10.4
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 72.632 ng
RT: 7.293 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion: 82 Resp: 1761621
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 51.1 43.0 64.4

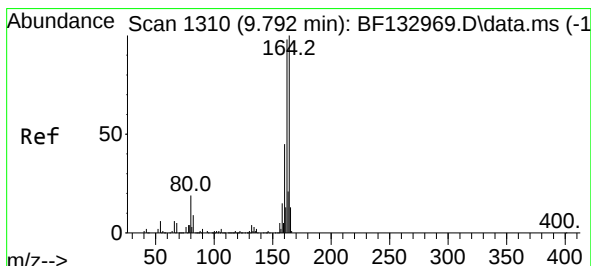
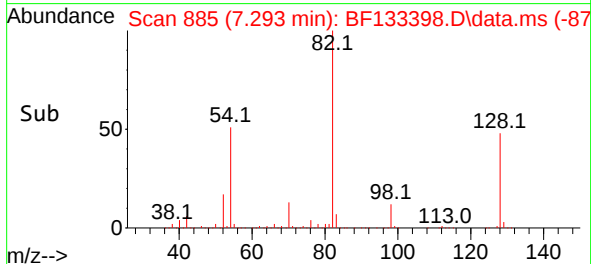
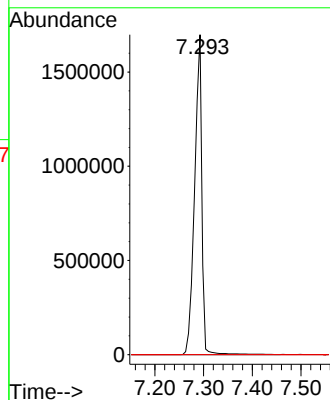
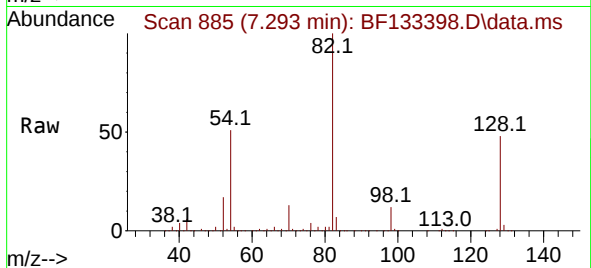




#25
Isophorone
Concen: 38.254 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.253 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

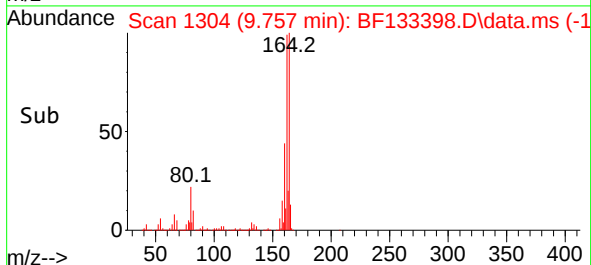
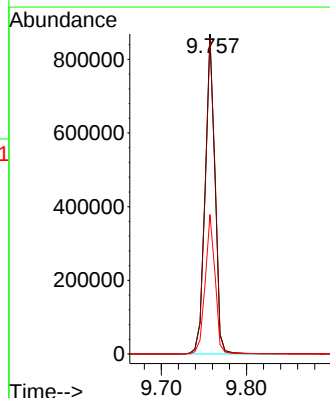
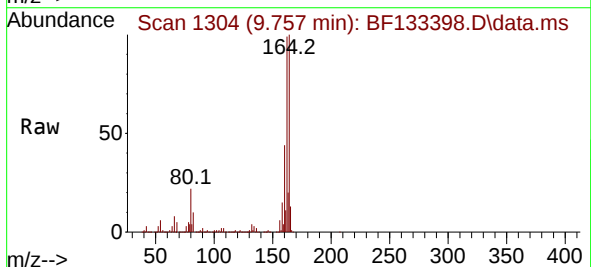
Instrument :
BNA_F
ClientSampleId :
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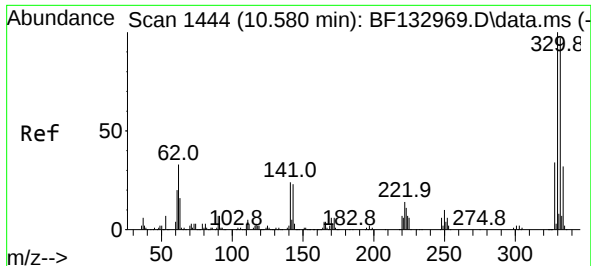
Tgt Ion: 82 Resp: 1761609
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion:164 Resp: 693866
Ion Ratio Lower Upper
164 100
162 98.7 78.7 118.1
160 43.6 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 103.769 ng

RT: 10.551 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF133398.D

Acq: 16 May 2023 12:49

Instrument :

BNA_F

ClientSampleId :

PB152835BL

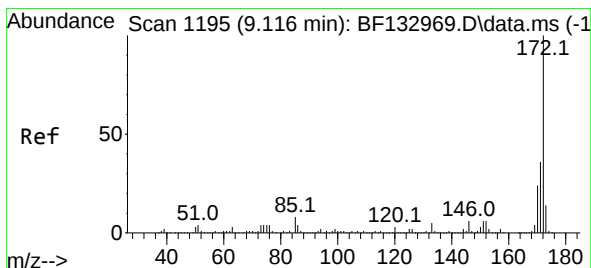
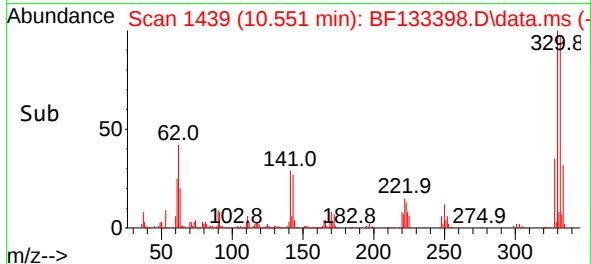
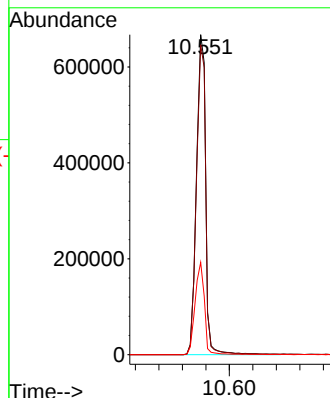
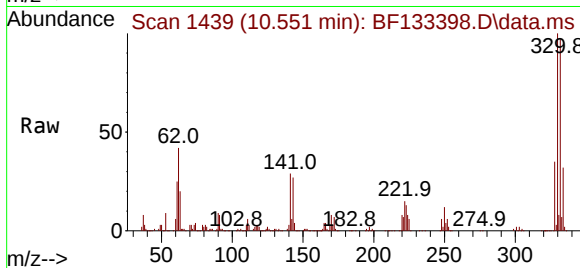
Tgt Ion:330 Resp: 724116

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 29.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 69.450 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133398.D

Acq: 16 May 2023 12:49

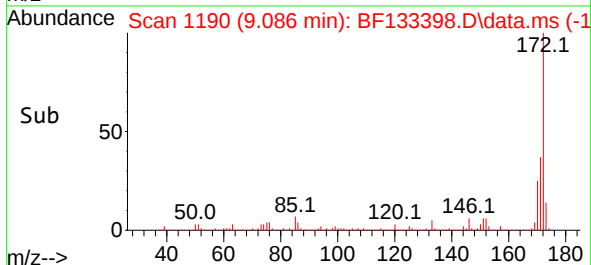
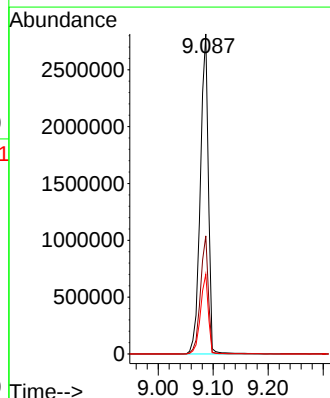
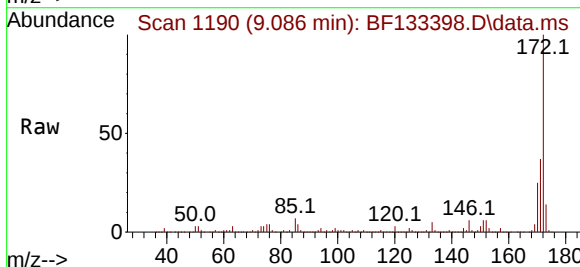
Tgt Ion:172 Resp: 2880410

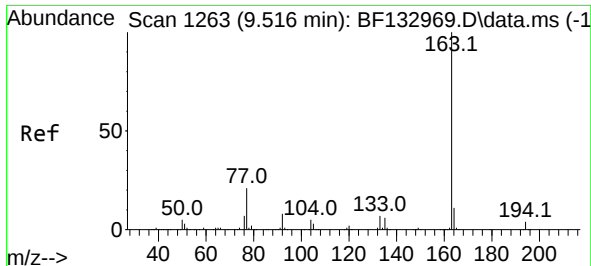
Ion Ratio Lower Upper

172 100

171 36.9 28.8 43.2

170 24.9 19.4 29.2

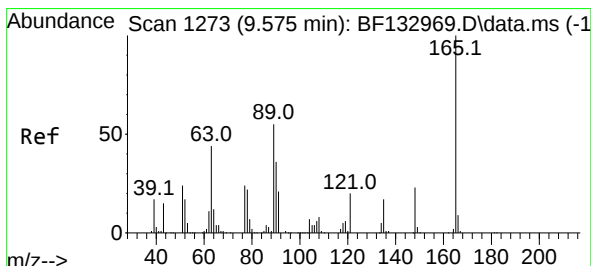
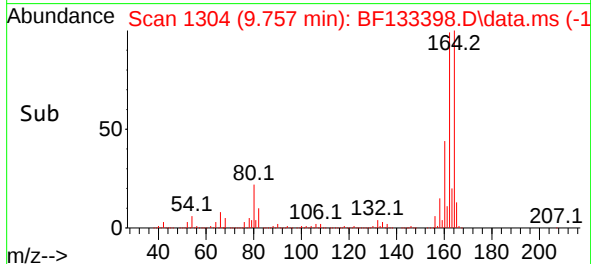
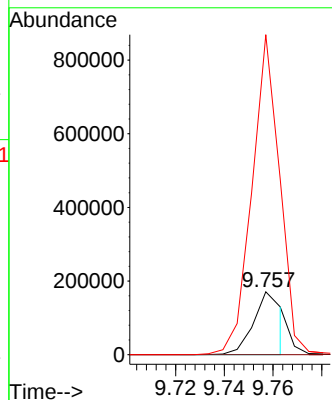
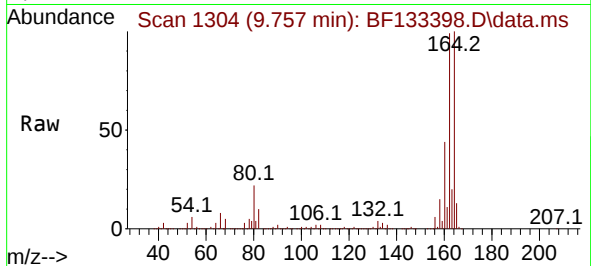




#50
Dimethylphthalate
Concen: 2.849 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

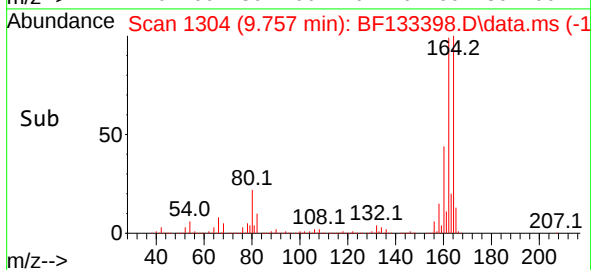
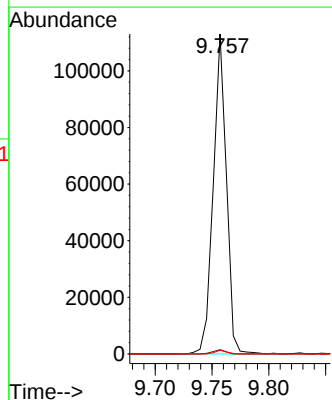
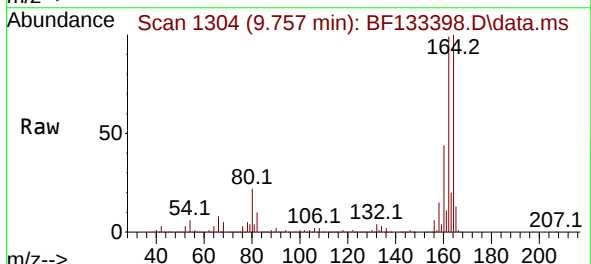
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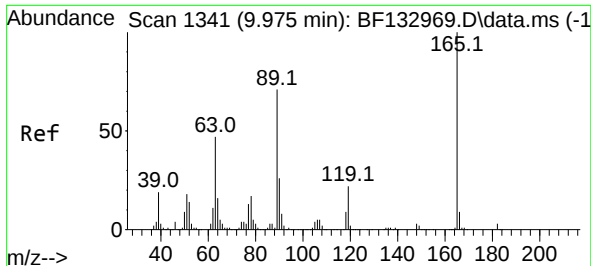
Tgt Ion:163 Resp: 137850
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 509.0 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.337 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.212 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion:165 Resp: 90781
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.1 44.0 66.0#

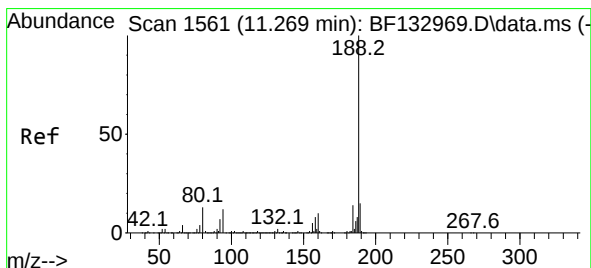
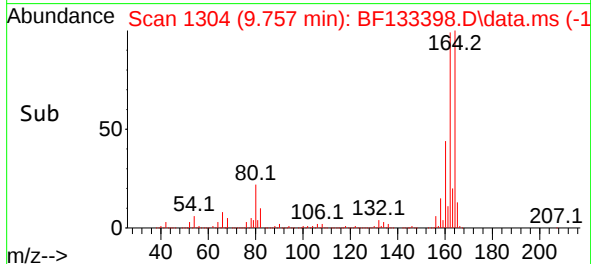
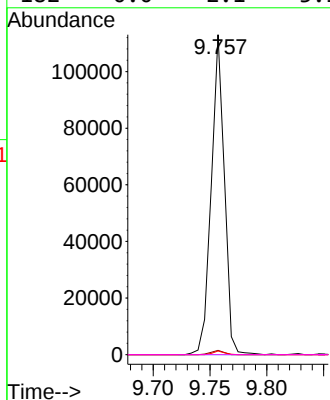
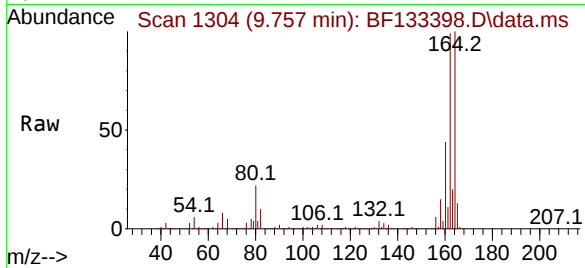




#57
2,4-Dinitrotoluene
Concen: 6.537 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

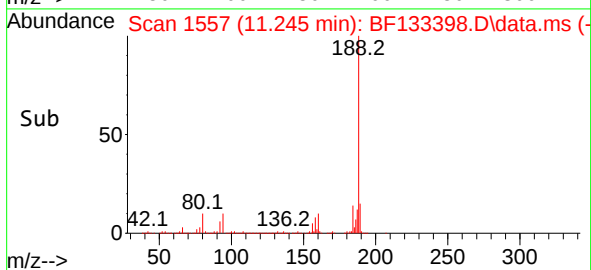
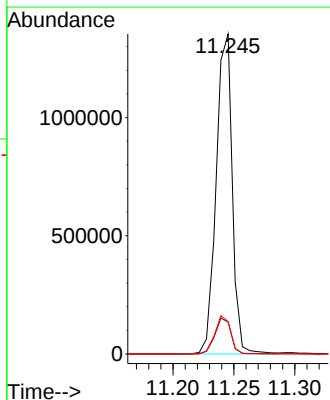
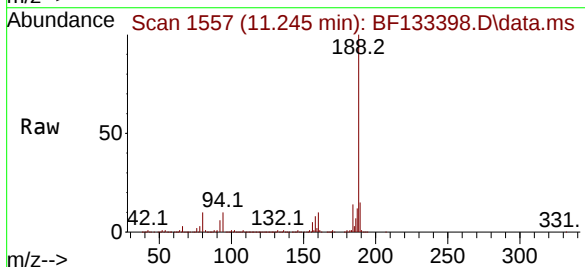
Instrument :
BNA_F
ClientSampleId :
PB152835BL

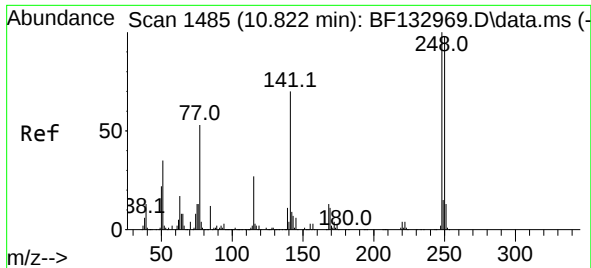
Tgt Ion:165 Resp: 90781
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. 0.006 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion:188 Resp: 1243711
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 10.1 10.4 15.6#

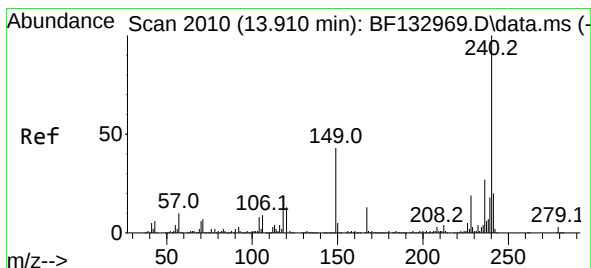
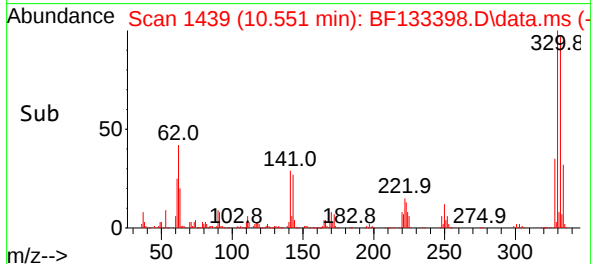
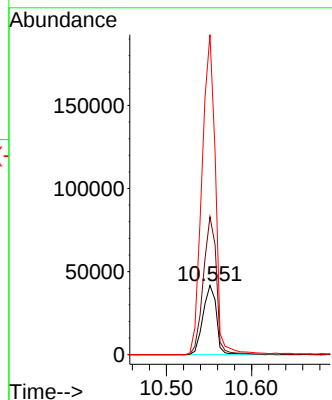
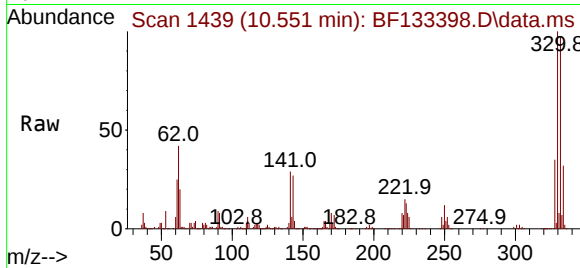




#67
4-Bromophenyl-phenylether
Concen: 3.382 ng
RT: 10.551 min Scan# 1485
Delta R.T. -0.235 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

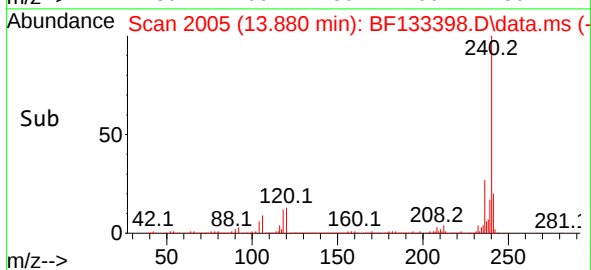
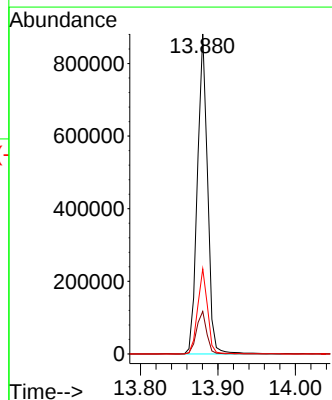
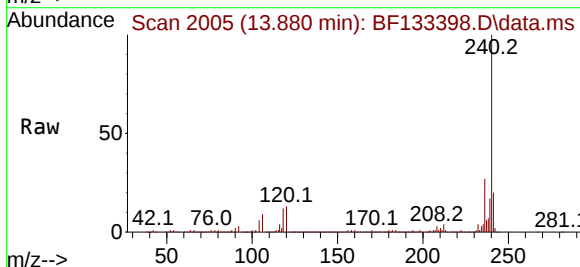
Instrument :
BNA_F
ClientSampleId :
PB152835BL

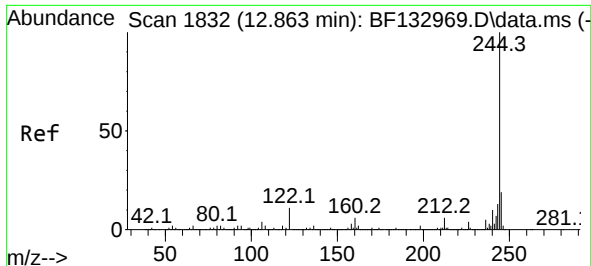
Tgt Ion:248 Resp: 45620
Ion Ratio Lower Upper
248 100
250 199.3 78.7 118.1#
141 462.2 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. 0.000 min
Lab File: BF133398.D
Acq: 16 May 2023 12:49

Tgt Ion:240 Resp: 802856
Ion Ratio Lower Upper
240 100
120 13.3 10.5 15.7
236 26.6 21.5 32.3

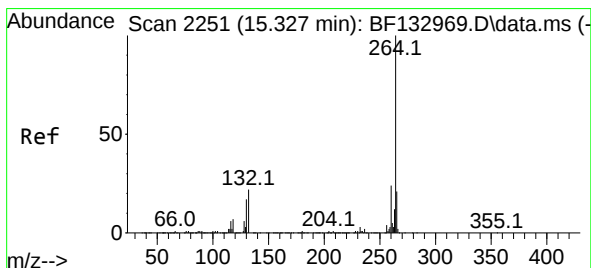
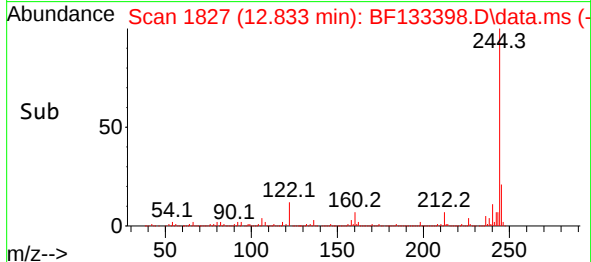
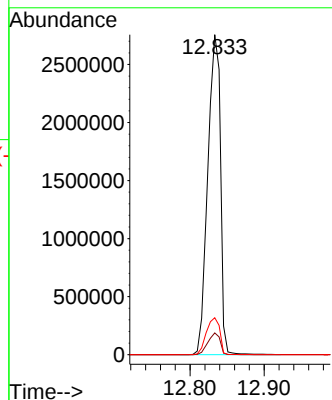
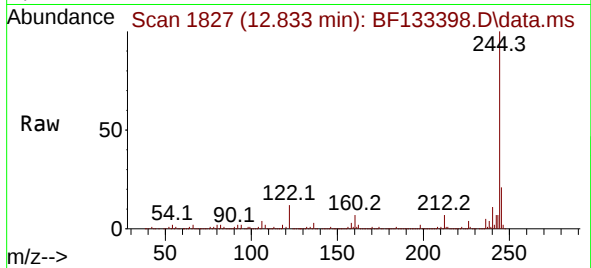




#79
 Terphenyl-d14
 Concen: 70.361 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF133398.D
 Acq: 16 May 2023 12:49

Instrument :
 BNA_F
 ClientSampleId :
 PB152835BL

Tgt Ion:244 Resp: 3275396
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.012 min
 Lab File: BF133398.D
 Acq: 16 May 2023 12:49

Tgt Ion:264 Resp: 650005
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.3 17.0 25.4

