

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042723\
 Data File : BF133103.D
 Acq On : 27 Apr 2023 16:52
 Operator : CG\JU
 Sample : 02503-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-305A-COMP-01

Quant Time: Apr 28 02:10:12 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)

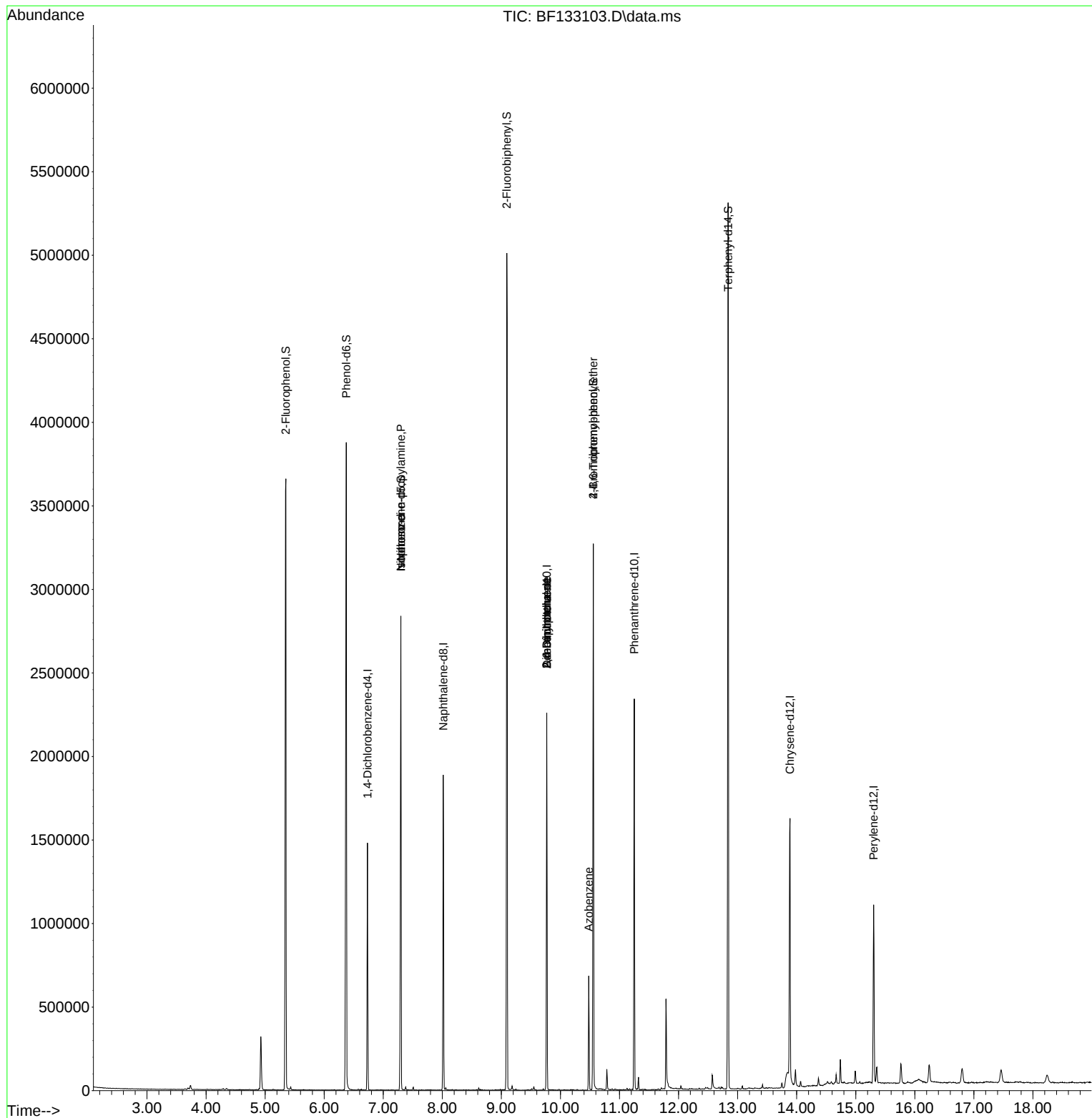
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	192928	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	779277	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	411845	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	760985	20.000	ng	0.00
76) Chrysene-d12	13.886	240	525717	20.000	ng	-0.01
86) Perylene-d12	15.304	264	435565	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1165575	91.264	ng	0.00
7) Phenol-d6	6.375	99	1457340	91.933	ng	0.00
23) Nitrobenzene-d5	7.298	82	867151	60.063	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	401611	96.963	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1621347	65.862	ng	0.00
79) Terphenyl-d14	12.839	244	1898039	62.267	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	230	Below Cal	#	80
19) n-Nitroso-di-n-propyla...	7.298	70	114055	11.557	ng	# 78
25) Isophorone	7.298	82	865163	31.562	ng	# 63
50) Dimethylphthalate	9.769	163	81181	2.827	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	53714	8.310	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	53714	6.517	ng	# 23
63) Azobenzene	10.480	77	99737	3.471	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	24884	3.015	ng	# 1

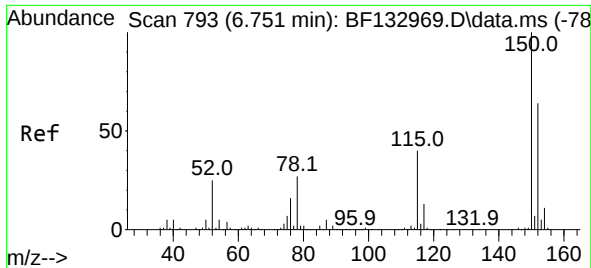
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 28 02:10:12 2023
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QLast Update : Fri Apr 28 02:00:53 2023
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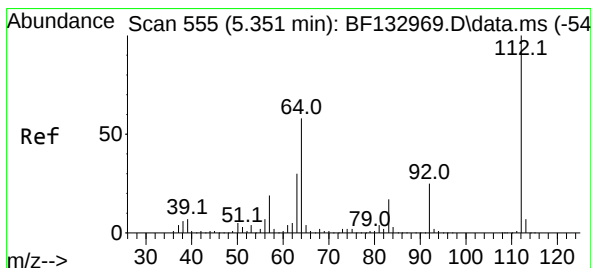
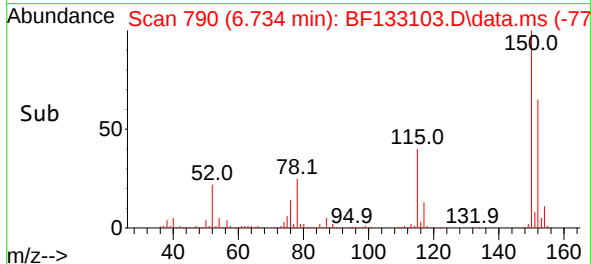
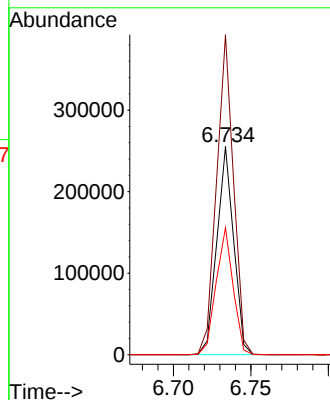
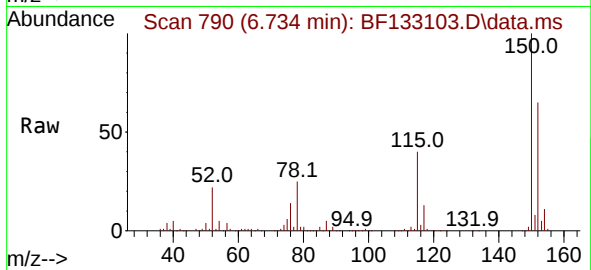




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

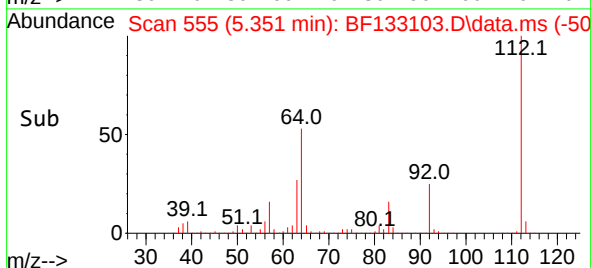
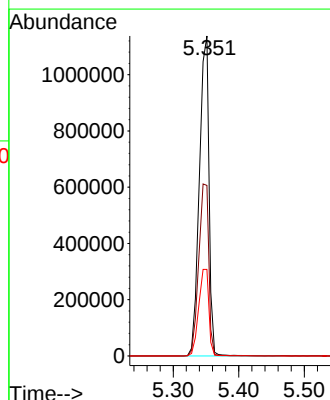
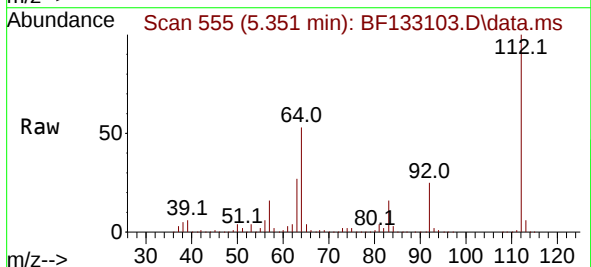
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

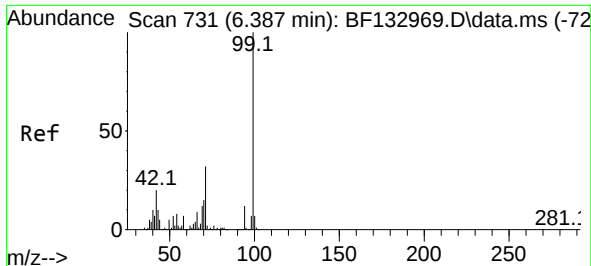
Tgt Ion:152 Resp: 192928
Ion Ratio Lower Upper
152 100
150 153.8 124.8 187.2
115 61.0 49.9 74.9



#5
2-Fluorophenol
Concen: 91.264 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

Tgt Ion:112 Resp: 1165575
Ion Ratio Lower Upper
112 100
64 53.3 46.8 70.2
63 27.1 23.8 35.8

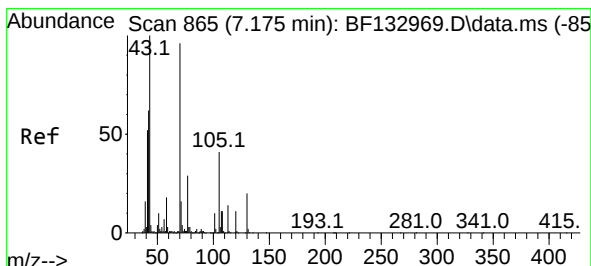
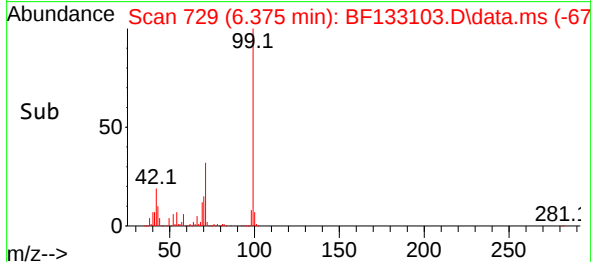
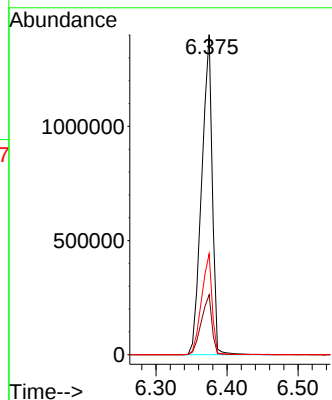
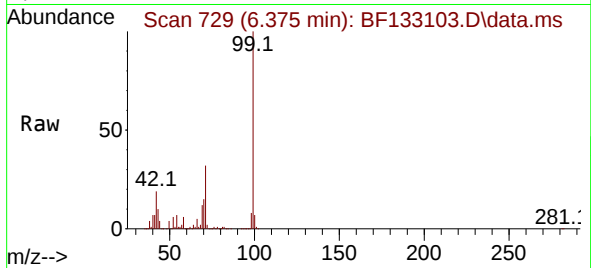




#7
Phenol-d6
Concen: 91.933 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

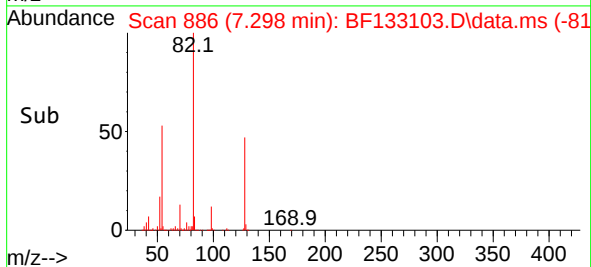
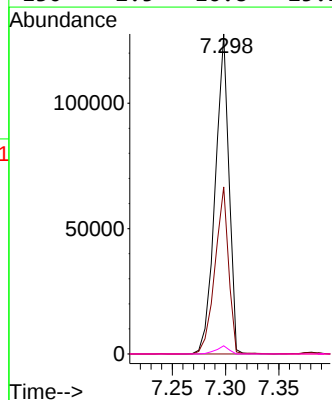
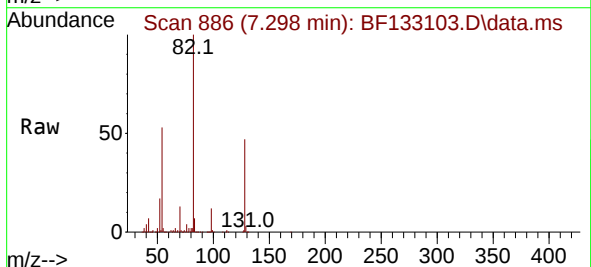
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

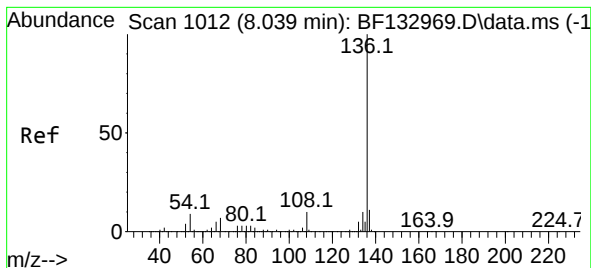
Tgt Ion: 99 Resp: 1457340
Ion Ratio Lower Upper
99 100
42 18.8 16.3 24.5
71 31.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.557 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

Tgt Ion: 70 Resp: 114055
Ion Ratio Lower Upper
70 100
42 52.2 51.8 77.6
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.016 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133103.D

Acq: 27 Apr 2023 16:52

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-01

Tgt Ion:136 Resp: 779277

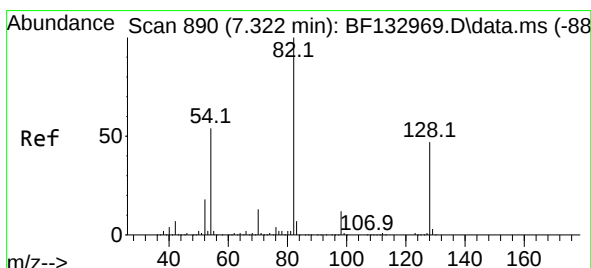
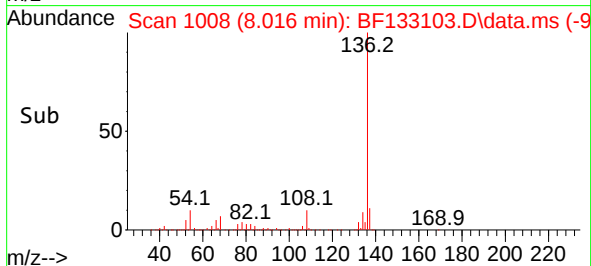
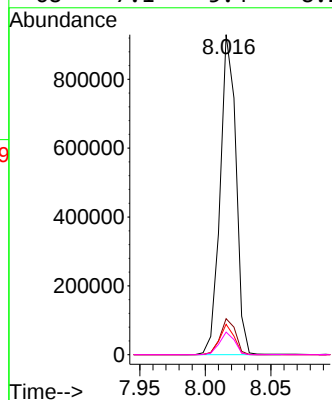
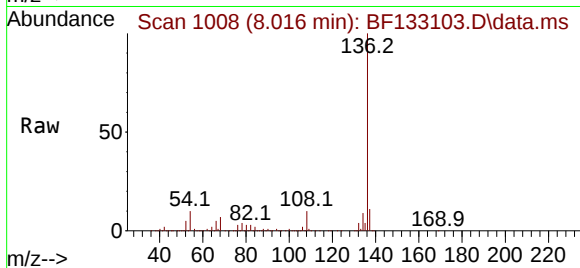
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 9.5 7.0 10.4

68 7.1 5.4 8.2



#23

Nitrobenzene-d5

Concen: 60.063 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF133103.D

Acq: 27 Apr 2023 16:52

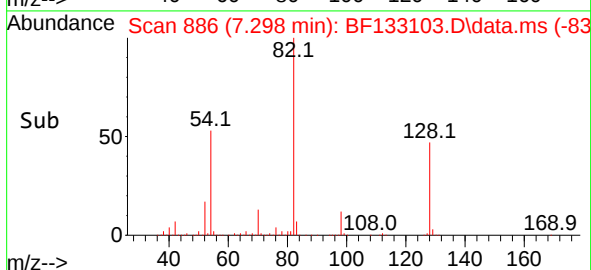
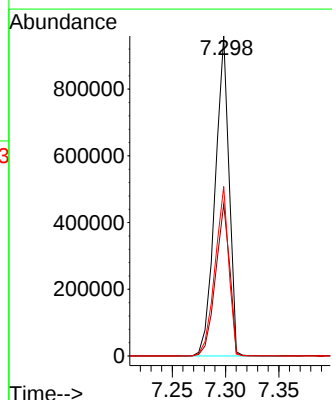
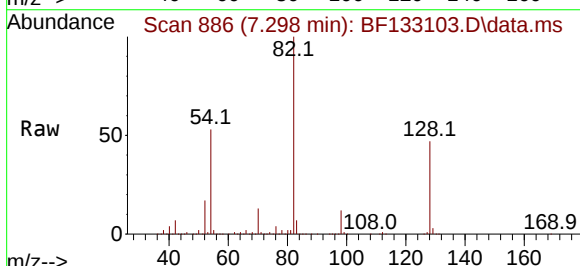
Tgt Ion: 82 Resp: 867151

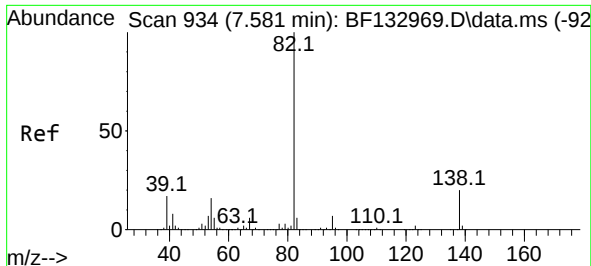
Ion Ratio Lower Upper

82 100

128 47.5 37.7 56.5

54 53.0 43.0 64.4

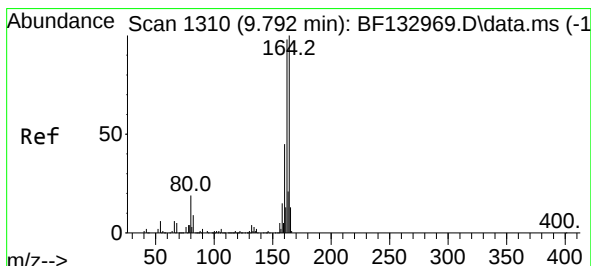
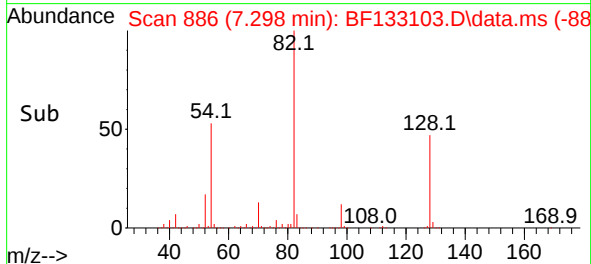
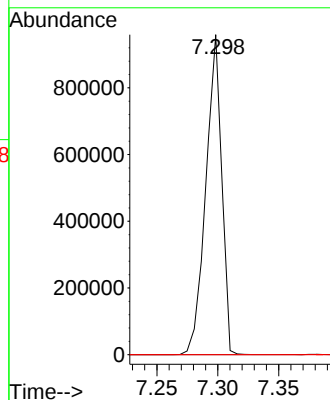
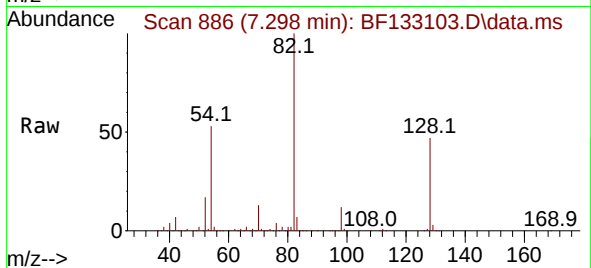




#25
Isophorone
Concen: 31.562 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

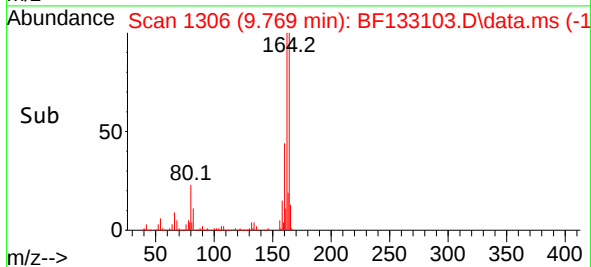
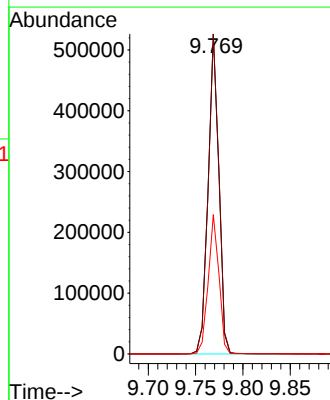
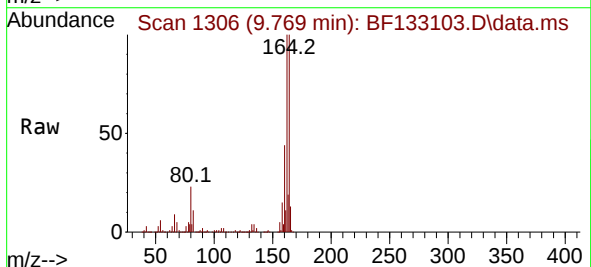
Instrument :
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TR-305A-COMP-01

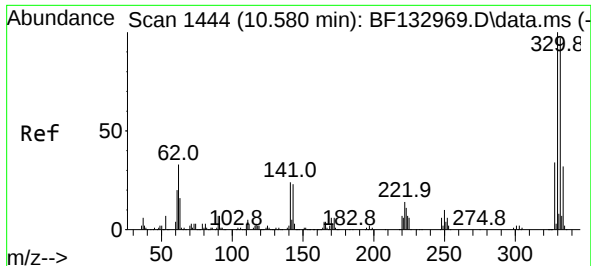
Tgt Ion: 82 Resp: 865163
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

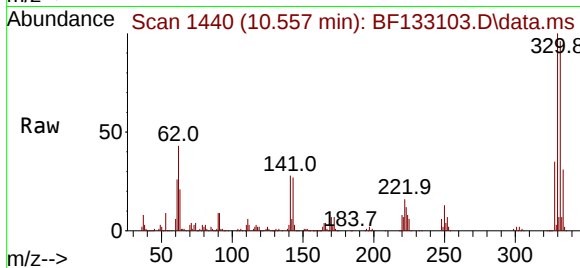
Tgt Ion:164 Resp: 411845
Ion Ratio Lower Upper
164 100
162 99.8 78.7 118.1
160 43.6 35.8 53.6



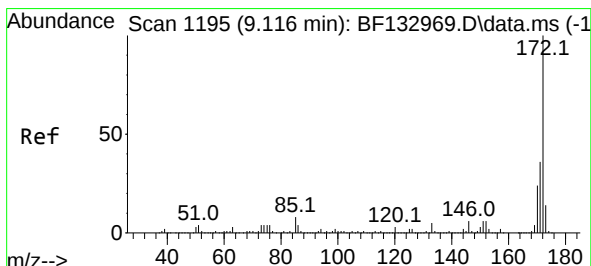
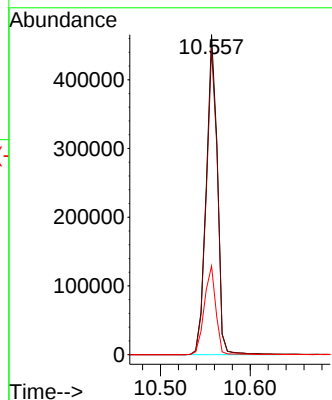
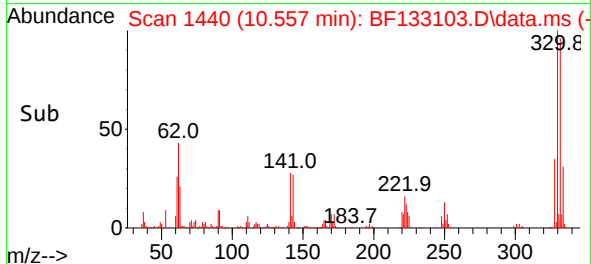


#42
2,4,6-Tribromophenol
Concen: 96.963 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

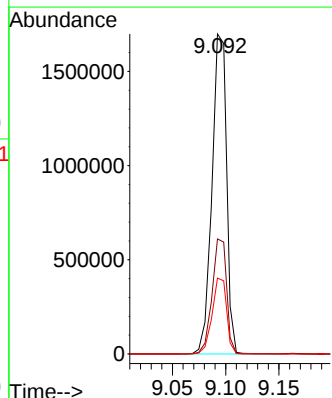
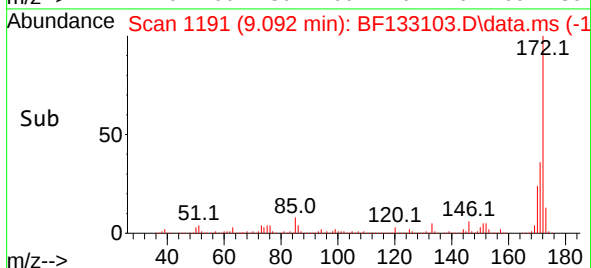
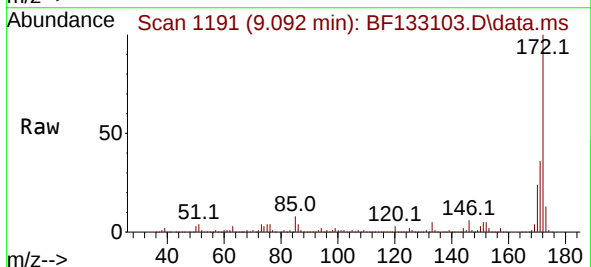


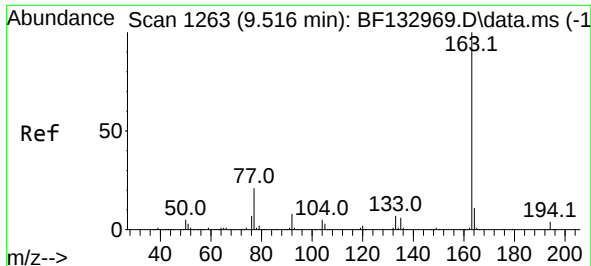
Tgt Ion:330 Resp: 401611
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 65.862 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

Tgt Ion:172 Resp: 1621347
Ion Ratio Lower Upper
172 100
171 35.9 28.8 43.2
170 23.7 19.4 29.2

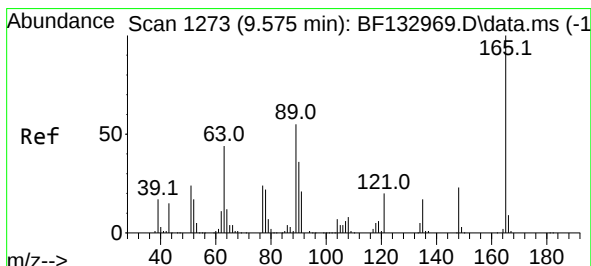
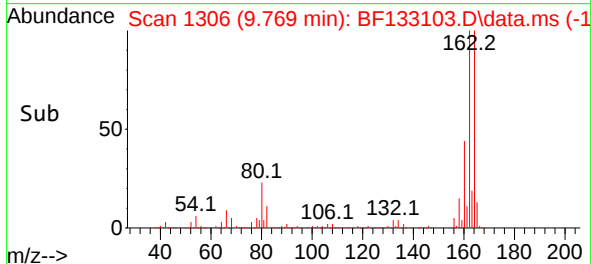
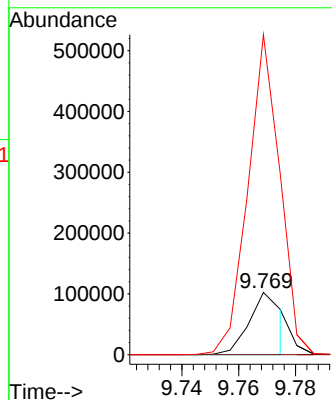
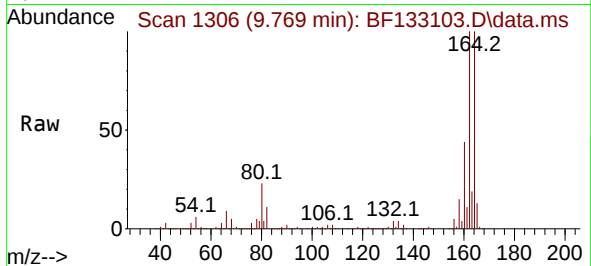




#50
Dimethylphthalate
Concen: 2.827 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

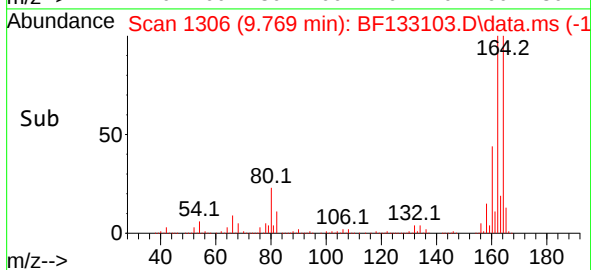
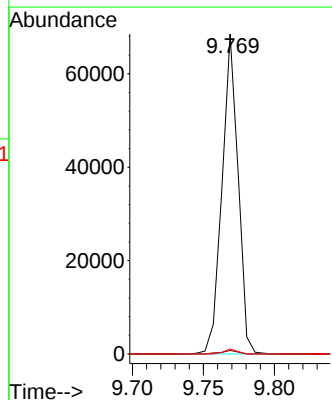
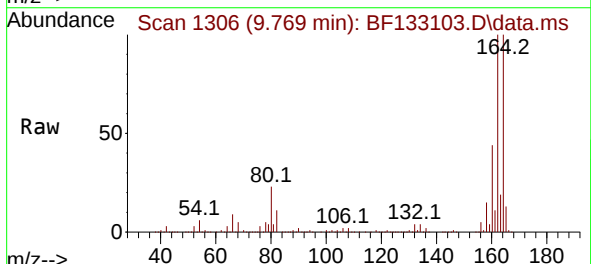
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ClientSampleId :
TR-305A-COMP-01

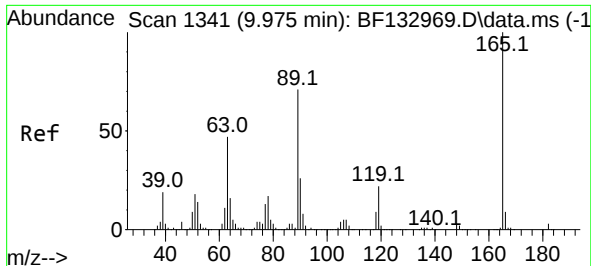
Tgt Ion:163 Resp: 81181
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 514.7 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.310 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.206 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

Tgt Ion:165 Resp: 53714
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.5 44.0 66.0#

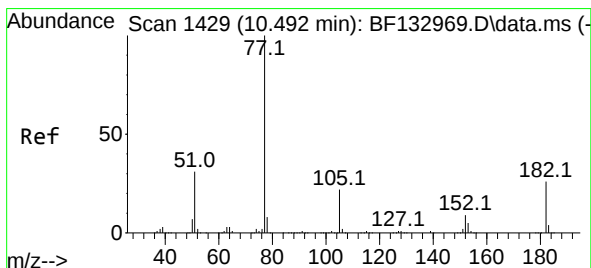
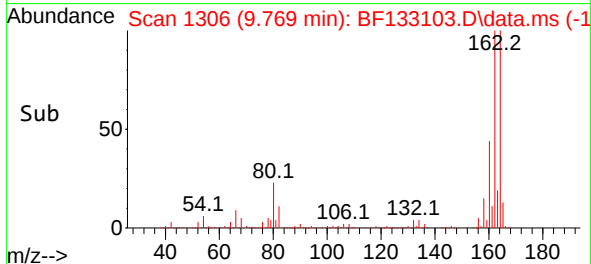
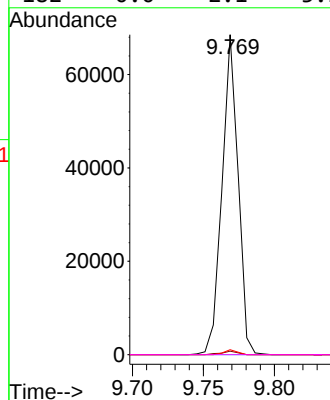
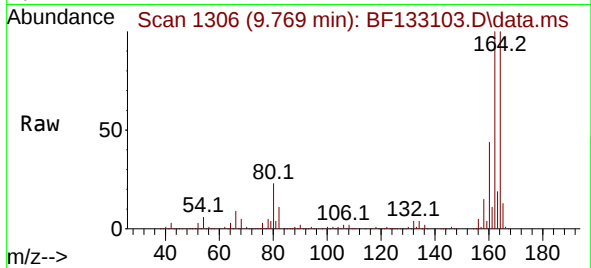




#57
2,4-Dinitrotoluene
Concen: 6.517 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

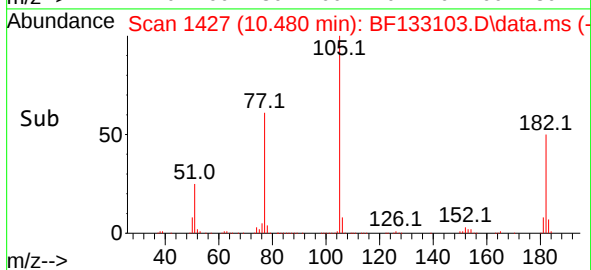
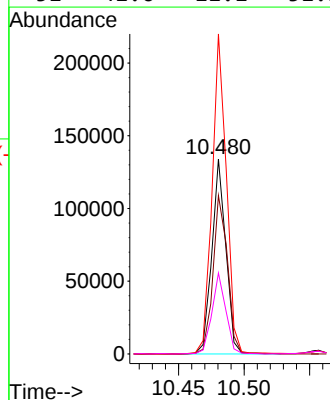
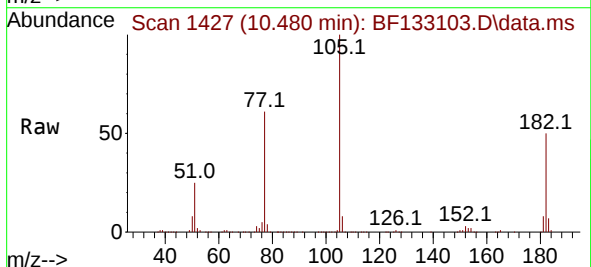
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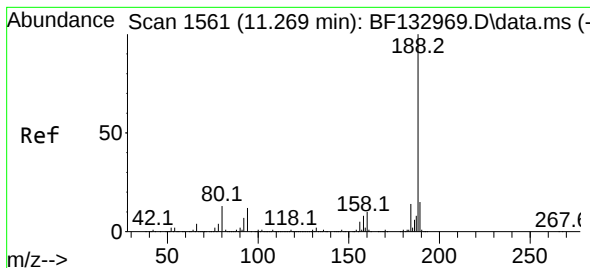
Tgt Ion:165	Resp:	53714
Ion Ratio	Lower	Upper
165	100	
63	1.1	37.7 56.5#
89	1.5	57.0 85.4#
182	0.0	2.1 3.1#



#63
Azobenzene
Concen: 3.471 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

Tgt Ion: 77	Resp:	99737
Ion Ratio	Lower	Upper
77	100	
182	81.3	5.9 45.9#
105	164.2	2.3 42.3#
51	41.6	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: BF133103.D

Acq: 27 Apr 2023 16:52

Instrument :

BNA_F

ClientSampleId :

TR-305A-COMP-01

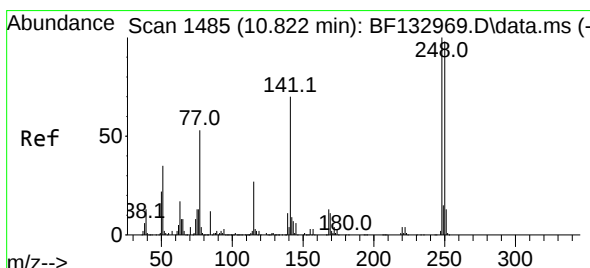
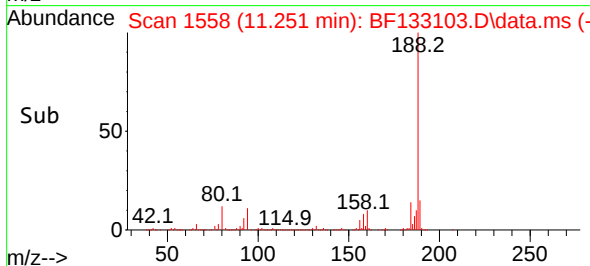
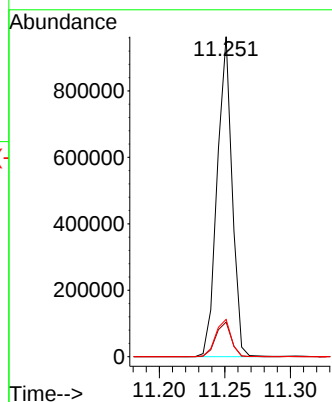
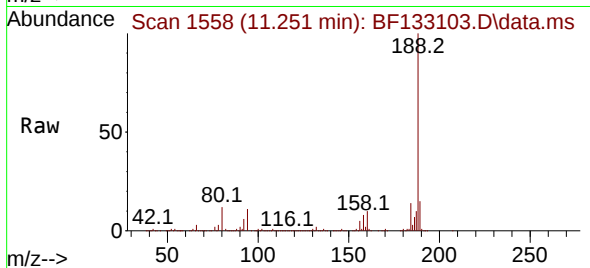
Tgt Ion:188 Resp: 760985

Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.7 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 3.015 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.247 min

Lab File: BF133103.D

Acq: 27 Apr 2023 16:52

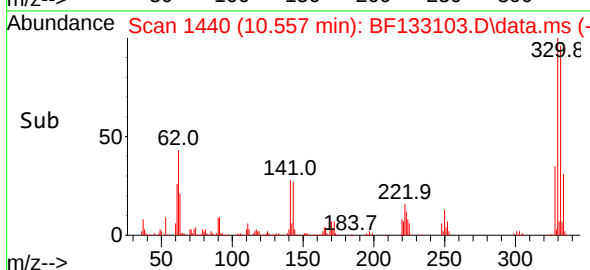
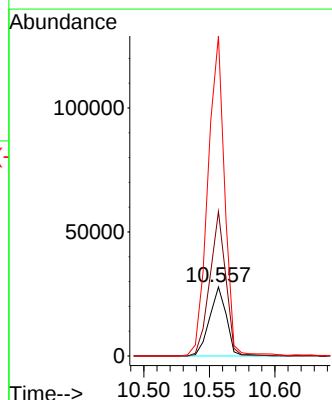
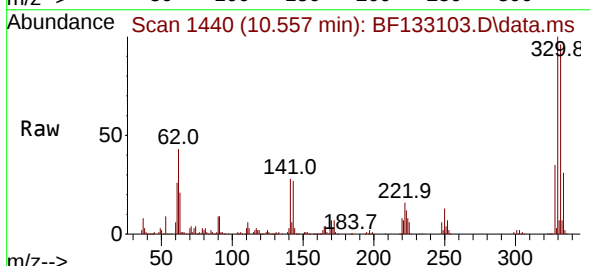
Tgt Ion:248 Resp: 24884

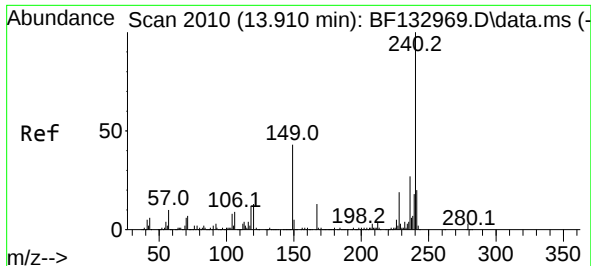
Ion Ratio Lower Upper

248 100

250 209.2 78.7 118.1#

141 463.4 56.3 84.5#

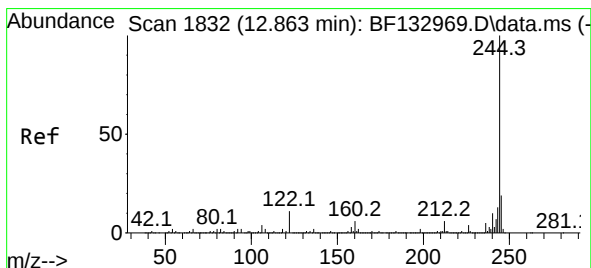
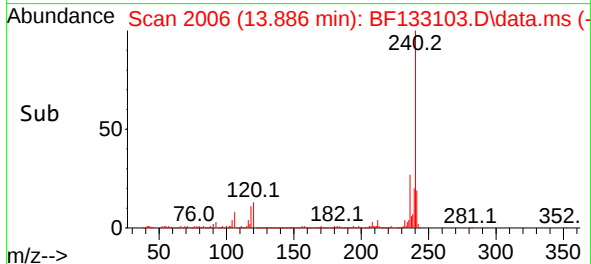
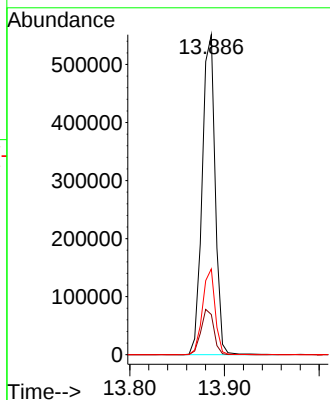
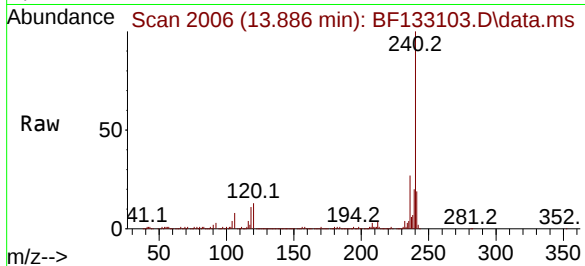




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.886 min Scan# 2010
Delta R.T. -0.012 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

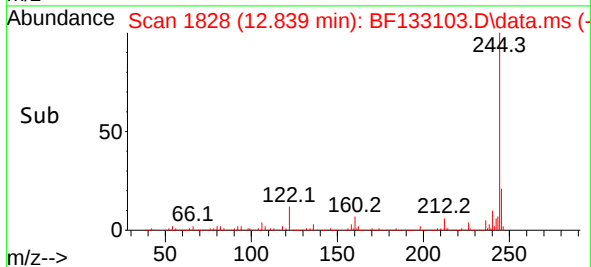
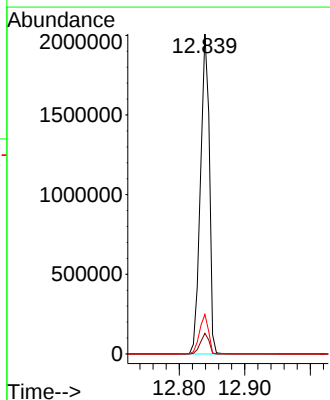
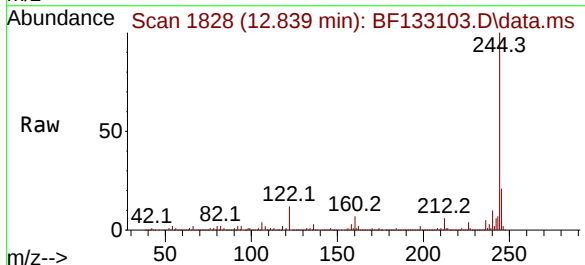
Instrument :
BNA_F
ClientSampleId :
TR-305A-COMP-01

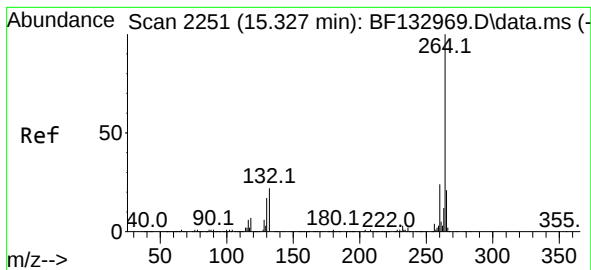
Tgt Ion:240 Resp: 525717
Ion Ratio Lower Upper
240 100
120 12.6 10.5 15.7
236 26.8 21.5 32.3



#79
Terphenyl-d14
Concen: 62.267 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF133103.D
Acq: 27 Apr 2023 16:52

Tgt Ion:244 Resp: 1898039
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 12.4 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133103.D

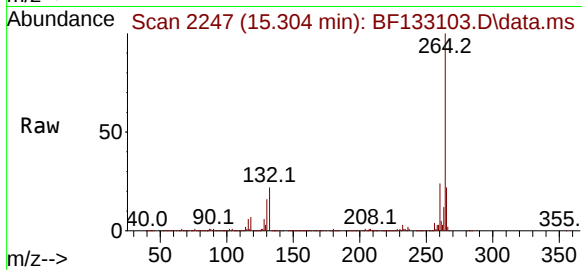
Acq: 27 Apr 2023 16:52

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:264 Resp: 435565

Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 21.7 17.0 25.4

