

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133329.D
 Acq On : 10 May 2023 14:24
 Operator : CG\JU
 Sample : 02719-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04_10-12_20230509

Quant Time: May 10 15:50:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 04:59:36 2023
 Response via : Initial Calibration

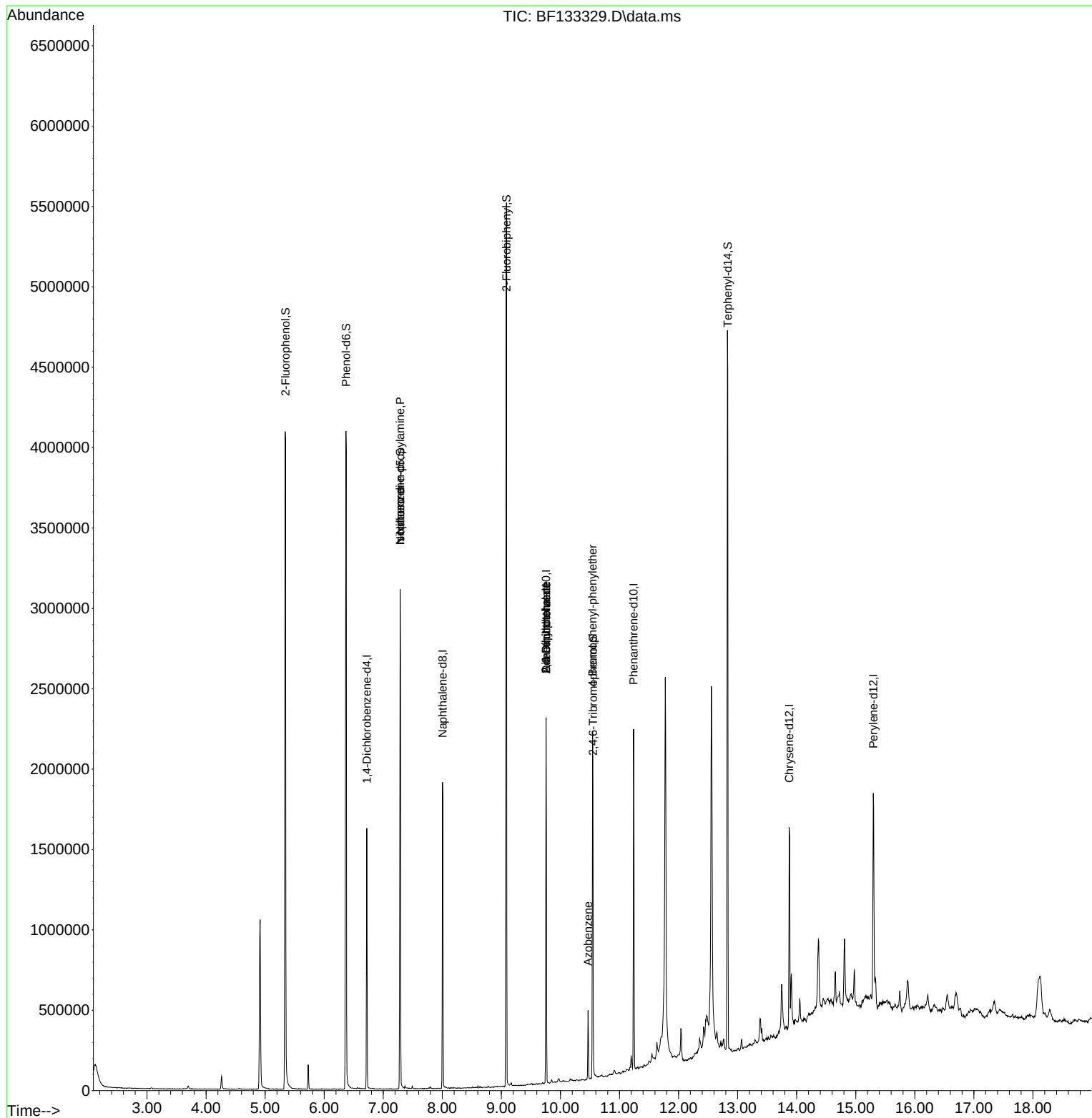
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	206259	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	822910	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	431353	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	750084	20.000	ng	0.00
76) Chrysene-d12	13.874	240	429991	20.000	ng	0.00
86) Perylene-d12	15.298	264	490615	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1342038	98.289	ng	0.02
7) Phenol-d6	6.369	99	1629125	96.128	ng	0.00
23) Nitrobenzene-d5	7.286	82	1002363	65.748	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	254890	58.756	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1686244	65.401	ng	0.00
79) Terphenyl-d14	12.833	244	1690603	67.809	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	360	Below Cal	Qvalue #	68
19) n-Nitroso-di-n-propyla...	7.286	70	134503	12.748 ng	#	78
25) Isophorone	7.286	82	1002254	34.625 ng	#	63
50) Dimethylphthalate	9.757	163	82133	2.731 ng	#	1
51) 2,6-Dinitrotoluene	9.757	165	57019	8.423 ng	#	25
57) 2,4-Dinitrotoluene	9.757	165	57019	6.605 ng	#	24
63) Azobenzene	10.469	77	67603	2.246 ng	#	1
67) 4-Bromophenyl-phenylether	10.545	248	16615	2.042 ng	#	1

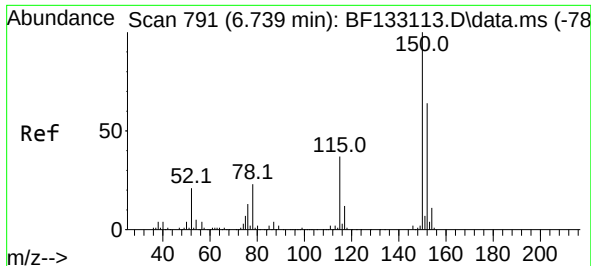
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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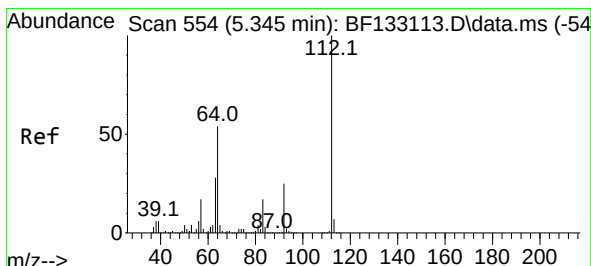
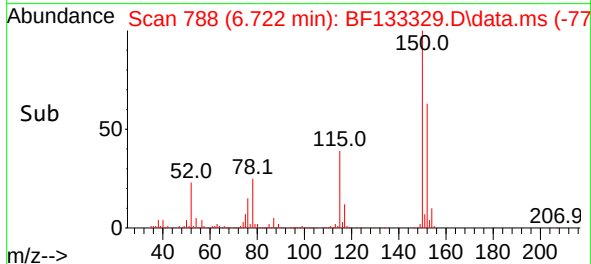
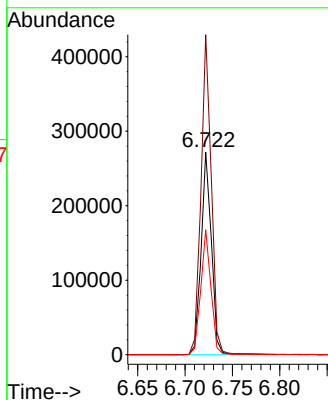
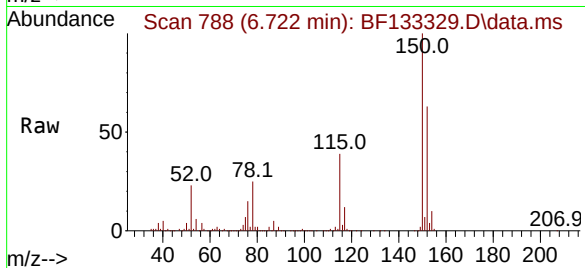




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133329.D
 Acq: 10 May 2023 14:24

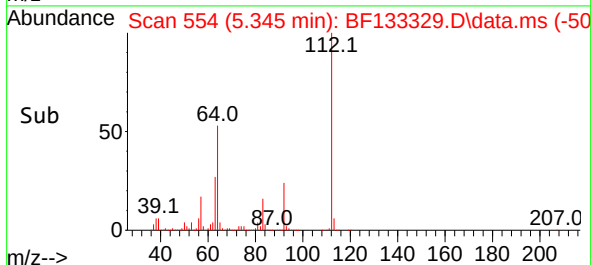
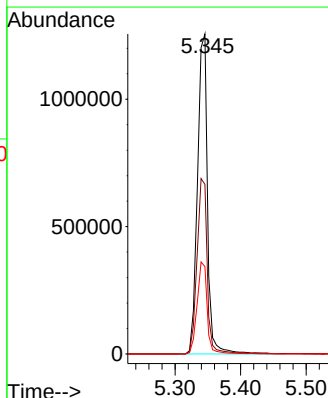
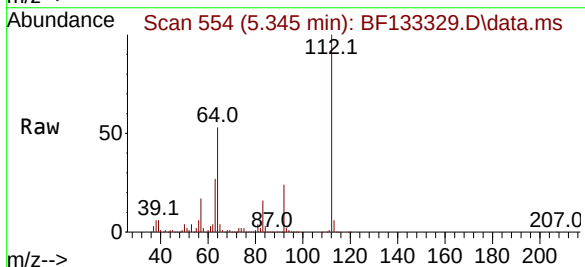
Instrument :
 BNA_F
 ClientSampleId :
 SB-04_10-12_20230509

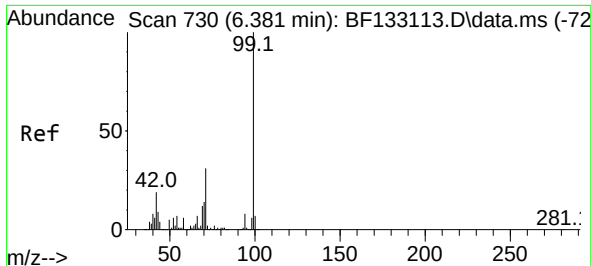
Tgt Ion:152 Resp: 206259
 Ion Ratio Lower Upper
 152 100
 150 158.0 124.8 187.2
 115 61.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 98.289 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.018 min
 Lab File: BF133329.D
 Acq: 10 May 2023 14:24

Tgt Ion:112 Resp: 1342038
 Ion Ratio Lower Upper
 112 100
 64 53.0 46.8 70.2
 63 27.3 23.8 35.8



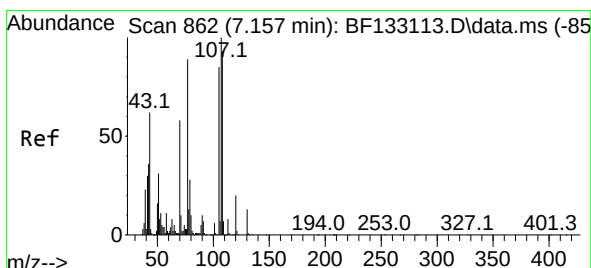
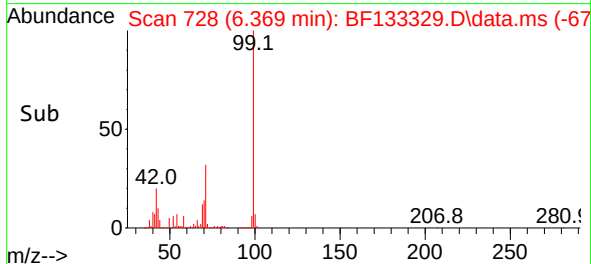
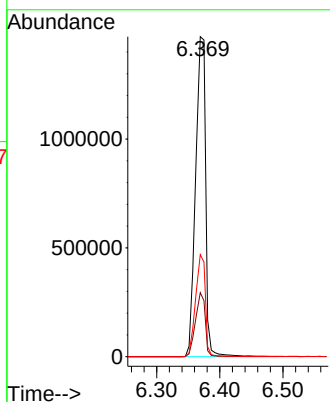
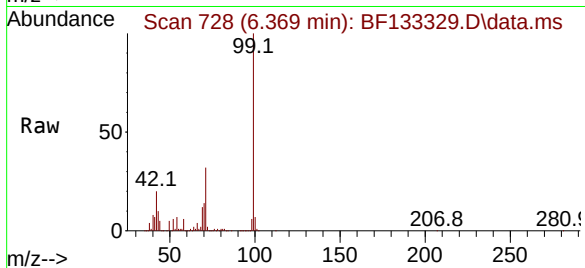


#7
Phenol-d6
Concen: 96.128 ng
RT: 6.369 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Instrument :
BNA_F
ClientSampleId :
SB-04_10-12_20230509

Tgt Ion: 99 Resp: 1629125

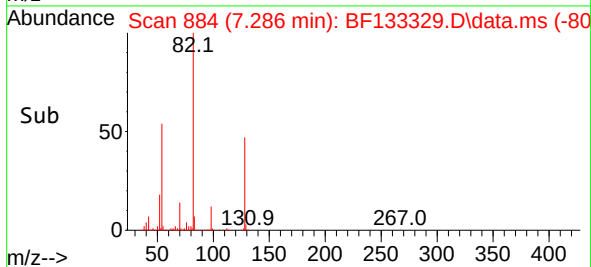
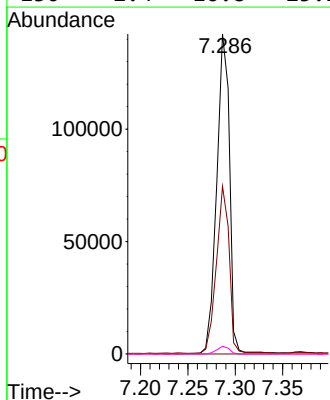
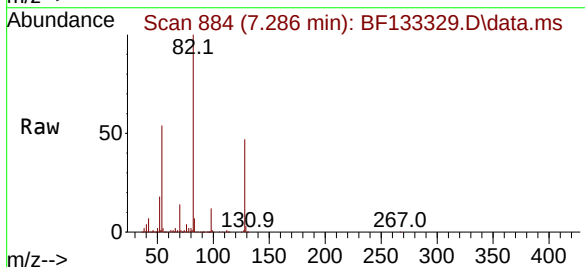
Ion	Ratio	Lower	Upper
99	100		
42	20.0	16.3	24.5
71	31.9	25.6	38.4

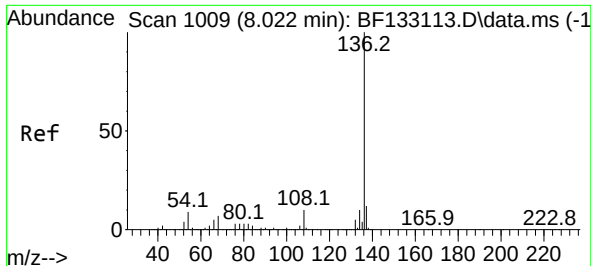


#19
n-Nitroso-di-n-propylamine
Concen: 12.748 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Tgt Ion: 70 Resp: 134503

Ion	Ratio	Lower	Upper
70	100		
42	52.4	51.8	77.6
101	0.0	8.0	12.0#
130	2.4	16.8	25.2#

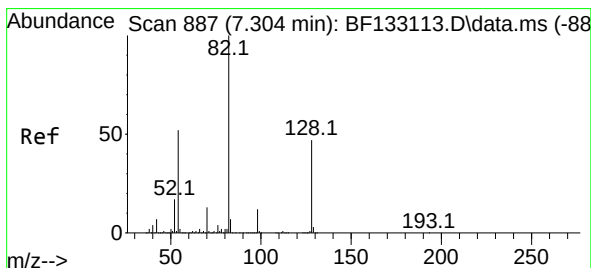
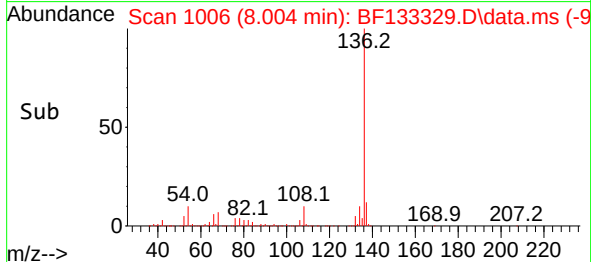
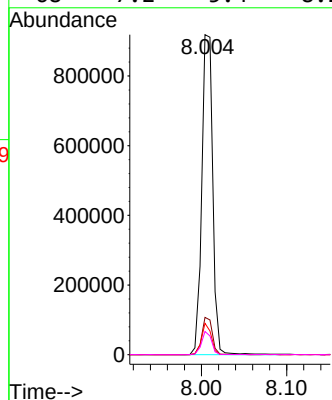
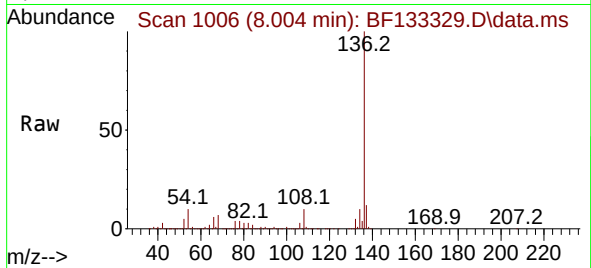




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

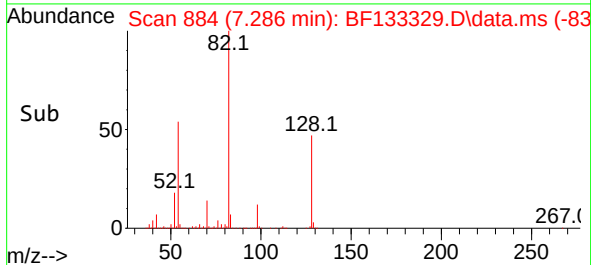
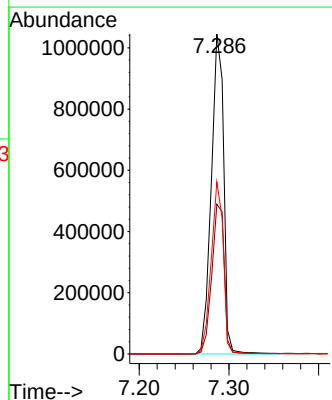
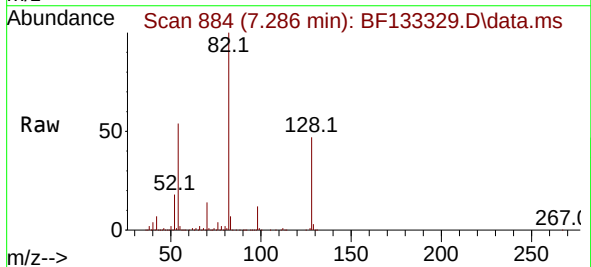
Instrument :
BNA_F
ClientSampleId :
SB-04_10-12_20230509

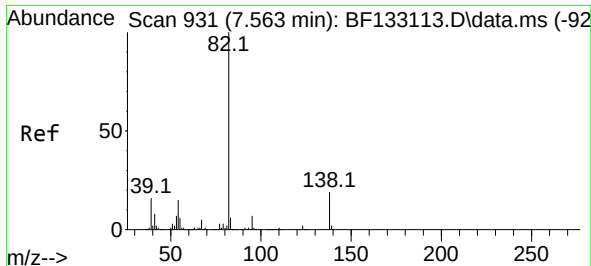
Tgt Ion:136 Resp: 822910
Ion Ratio Lower Upper
136 100
137 11.7 8.6 13.0
54 9.8 7.0 10.4
68 7.2 5.4 8.2



#23
Nitrobenzene-d5
Concen: 65.748 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Tgt Ion: 82 Resp: 1002363
Ion Ratio Lower Upper
82 100
128 46.8 37.7 56.5
54 53.8 43.0 64.4





#25

Isophorone

Concen: 34.625 ng

RT: 7.286 min Scan# 81

Delta R.T. -0.265 min

Lab File: BF133329.D

Acq: 10 May 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SB-04_10-12_20230509

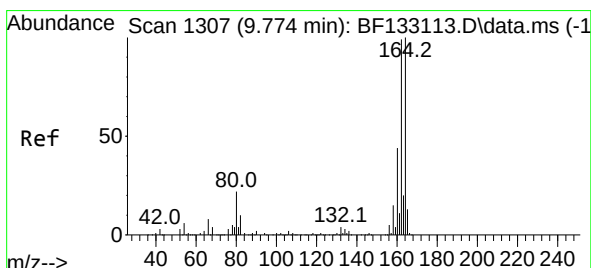
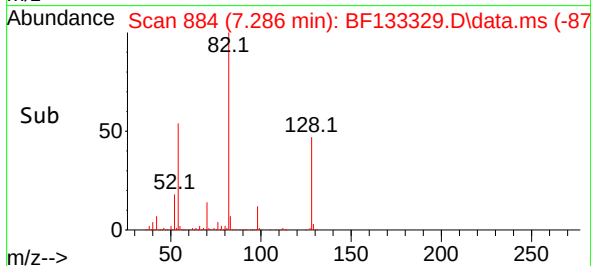
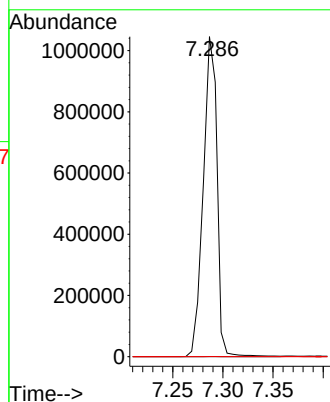
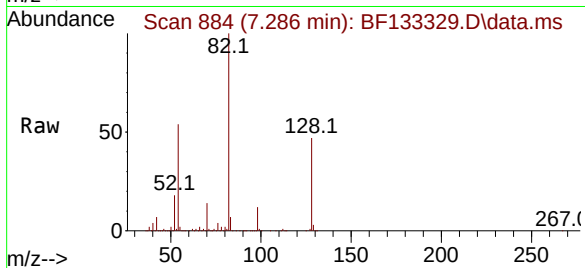
Tgt Ion: 82 Resp: 1002254

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. -0.006 min

Lab File: BF133329.D

Acq: 10 May 2023 14:24

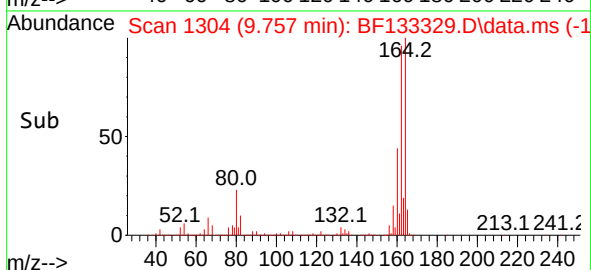
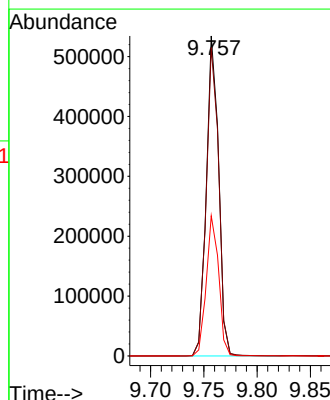
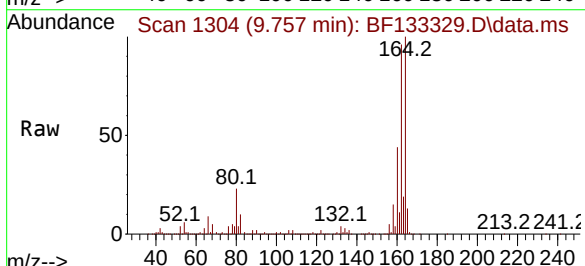
Tgt Ion:164 Resp: 431353

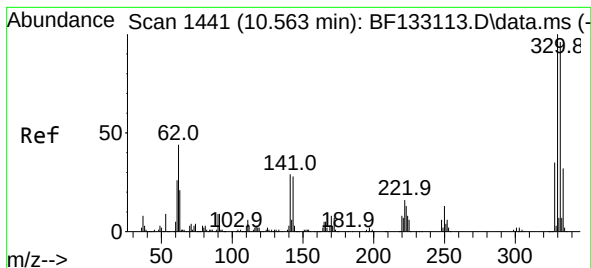
Ion Ratio Lower Upper

164 100

162 96.3 78.7 118.1

160 43.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 58.756 ng

RT: 10.551 min Scan# 1441

Delta R.T. 0.000 min

Lab File: BF133329.D

Acq: 10 May 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SB-04_10-12_20230509

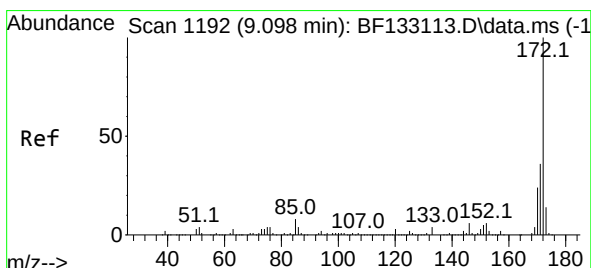
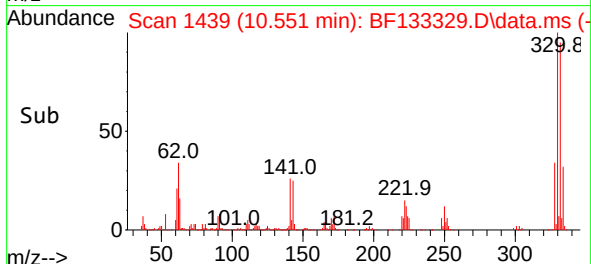
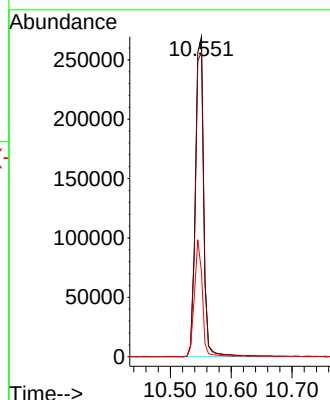
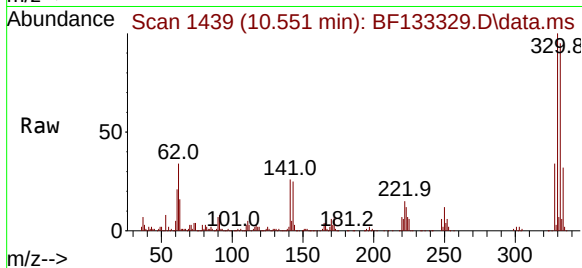
Tgt Ion:330 Resp: 254890

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

141 34.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 65.401 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF133329.D

Acq: 10 May 2023 14:24

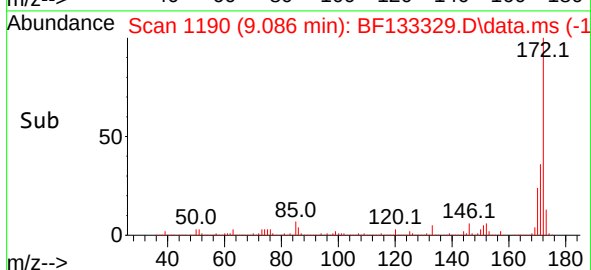
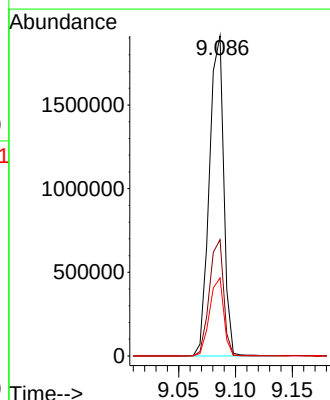
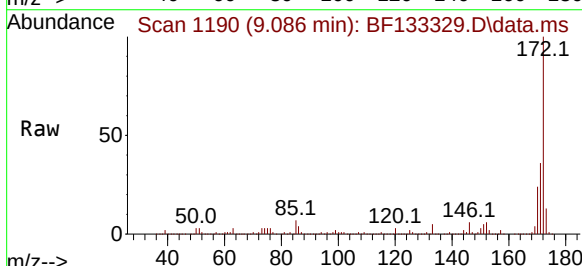
Tgt Ion:172 Resp: 1686244

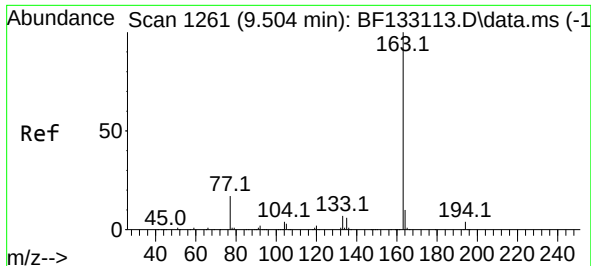
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.4 19.4 29.2

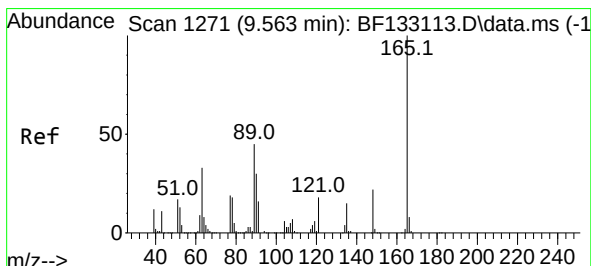
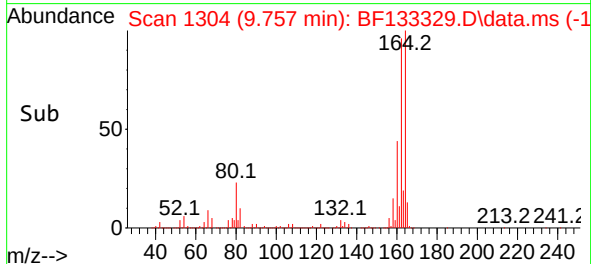
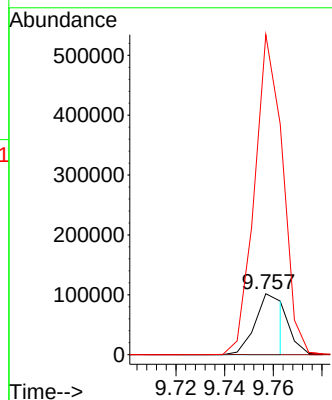
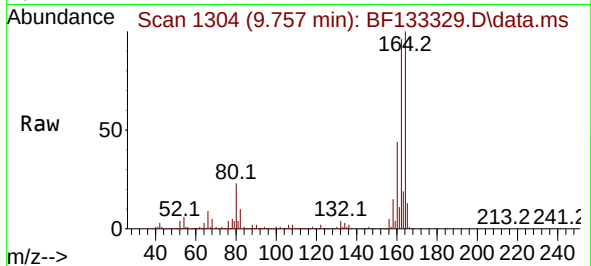




#50
Dimethylphthalate
Concen: 2.731 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

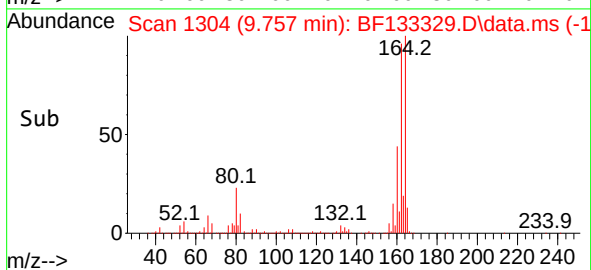
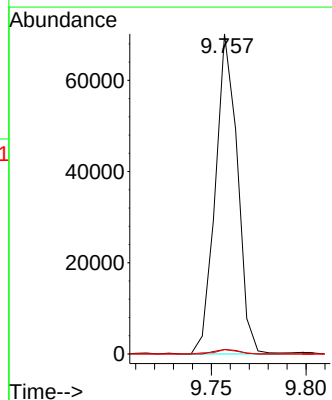
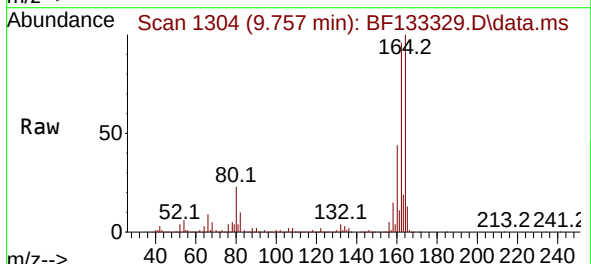
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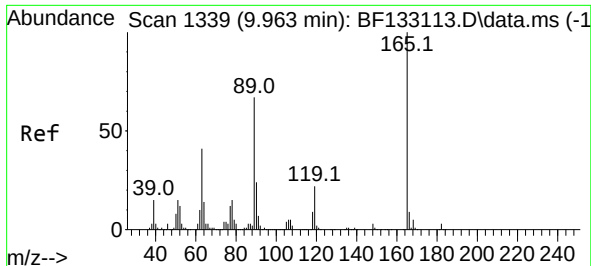
Tgt Ion:163 Resp: 82133
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 525.4 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.423 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Tgt Ion:165 Resp: 57019
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.4 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.605 ng

RT: 9.757 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF133329.D

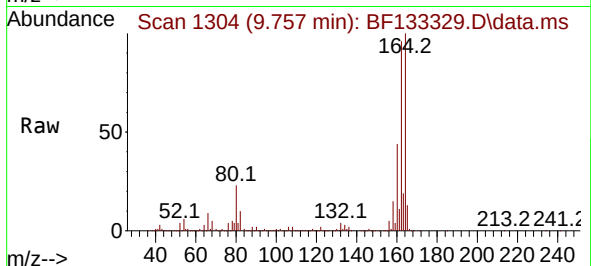
Acq: 10 May 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SB-04_10-12_20230509



Tgt Ion:165 Resp: 57019

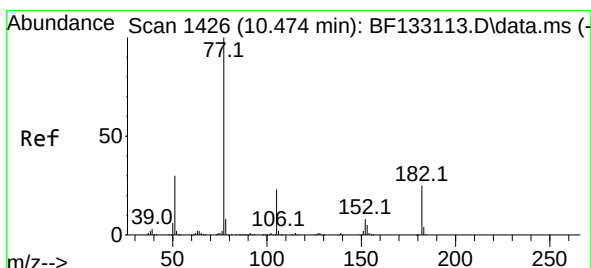
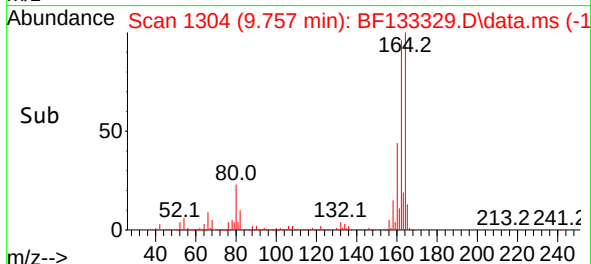
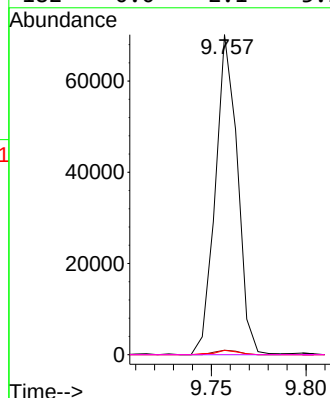
Ion Ratio Lower Upper

165 100

63 1.4 37.7 56.5#

89 1.4 57.0 85.4#

182 0.0 2.1 3.1#



#63

Azobenzene

Concen: 2.246 ng

RT: 10.469 min Scan# 1425

Delta R.T. 0.006 min

Lab File: BF133329.D

Acq: 10 May 2023 14:24

Tgt Ion: 77 Resp: 67603

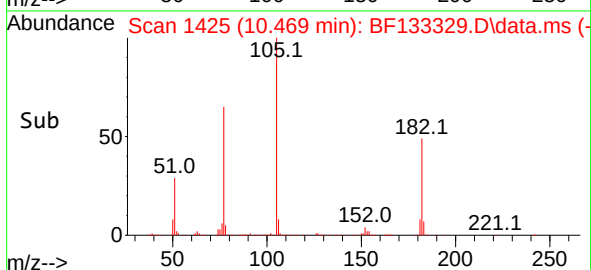
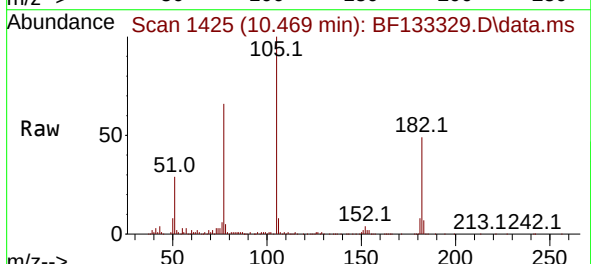
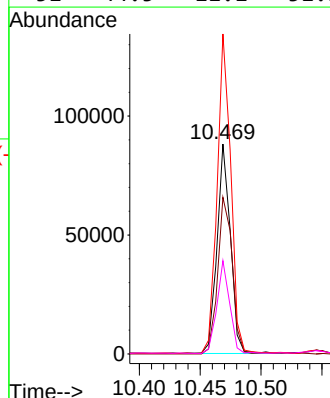
Ion Ratio Lower Upper

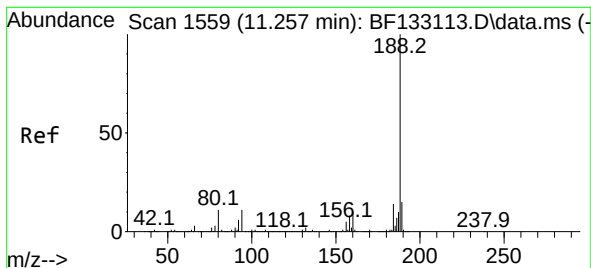
77 100

182 74.7 5.9 45.9#

105 152.4 2.3 42.3#

51 44.5 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133329.D

Acq: 10 May 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SB-04_10-12_20230509

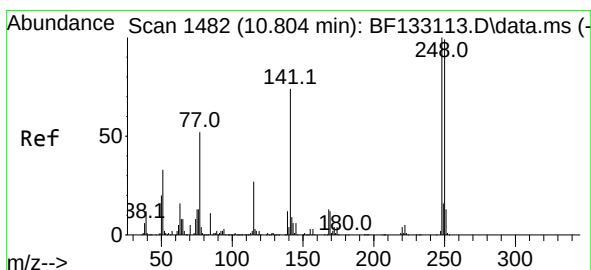
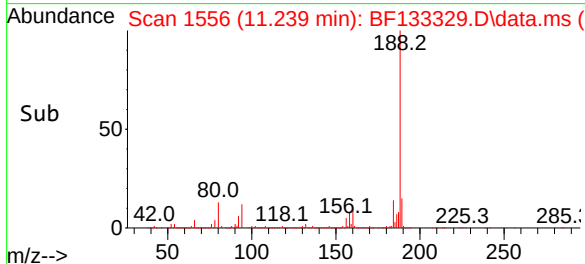
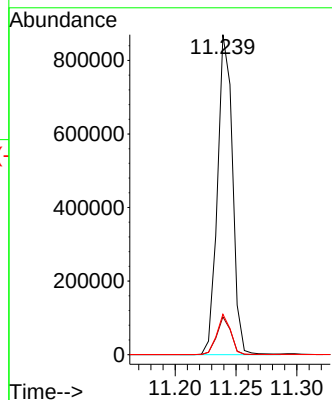
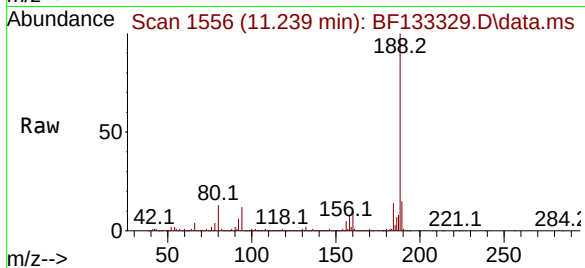
Tgt Ion:188 Resp: 750084

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.6 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.042 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.247 min

Lab File: BF133329.D

Acq: 10 May 2023 14:24

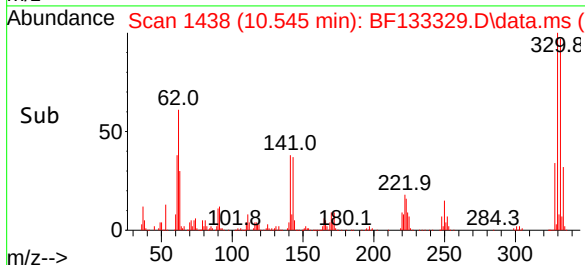
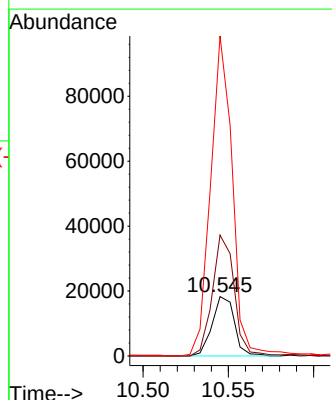
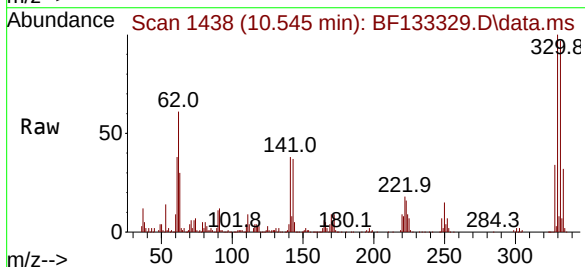
Tgt Ion:248 Resp: 16615

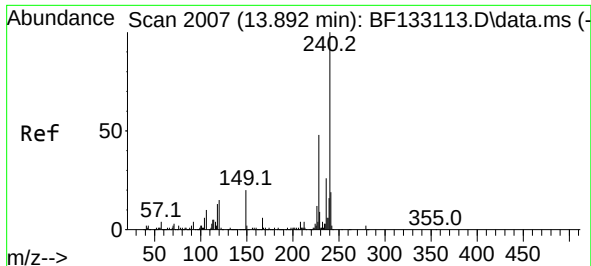
Ion Ratio Lower Upper

248 100

250 203.6 78.7 118.1#

141 539.3 56.3 84.5#

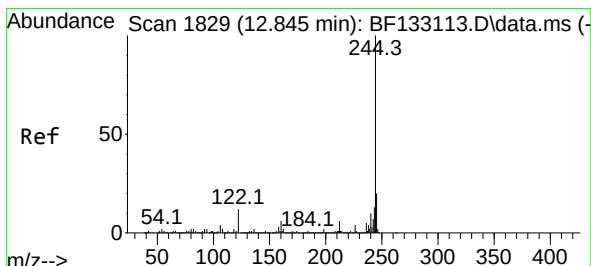
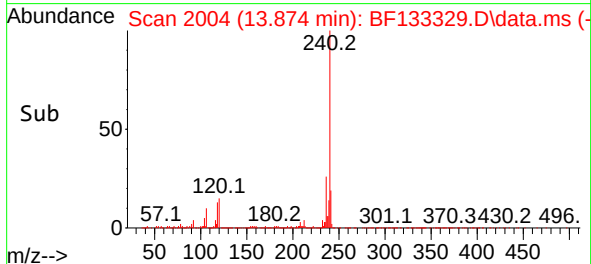
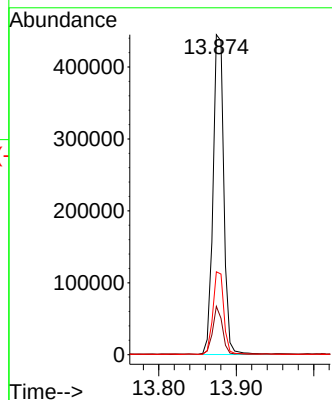
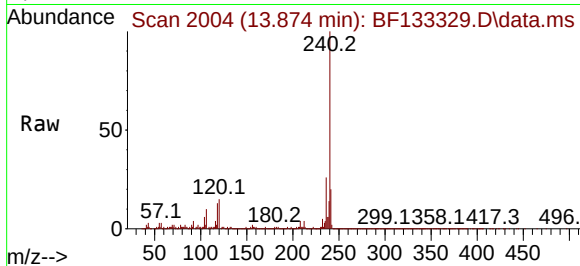




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

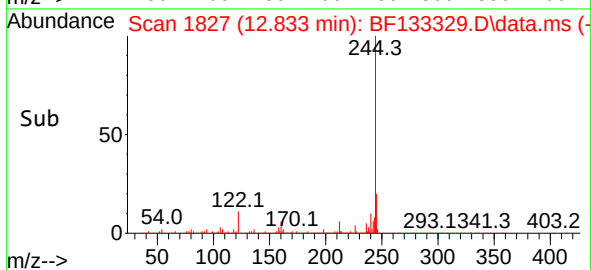
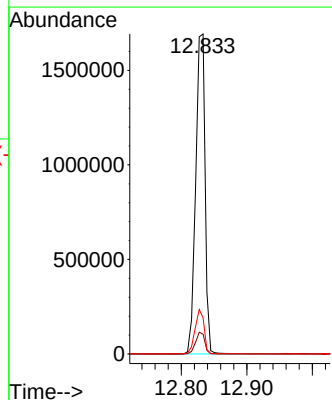
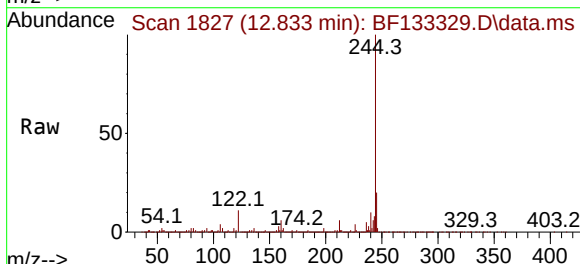
Instrument :
BNA_F
ClientSampleId :
SB-04_10-12_20230509

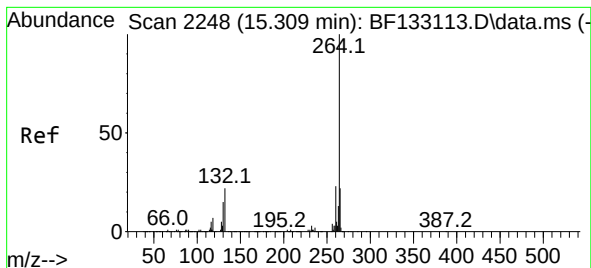
Tgt Ion:240 Resp: 429991
Ion Ratio Lower Upper
240 100
120 15.1 10.5 15.7
236 25.9 21.5 32.3



#79
Terphenyl-d14
Concen: 67.809 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF133329.D
Acq: 10 May 2023 14:24

Tgt Ion:244 Resp: 1690603
Ion Ratio Lower Upper
244 100
212 6.2 5.1 7.7
122 11.3 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF133329.D

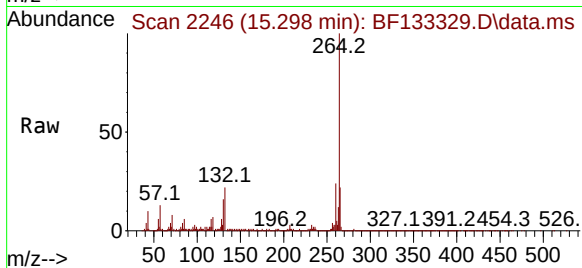
Acq: 10 May 2023 14:24

Instrument :

BNA_F

ClientSampleId :

SB-04_10-12_20230509



Tgt Ion:264 Resp: 490615

Ion Ratio Lower Upper

264 100

260 23.8 18.8 28.2

265 22.3 17.0 25.4

