

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133080.D
 Acq On : 26 Apr 2023 23:04
 Operator : CG\JU
 Sample : 02270-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-0-2-20230412

Quant Time: Apr 27 02:03:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

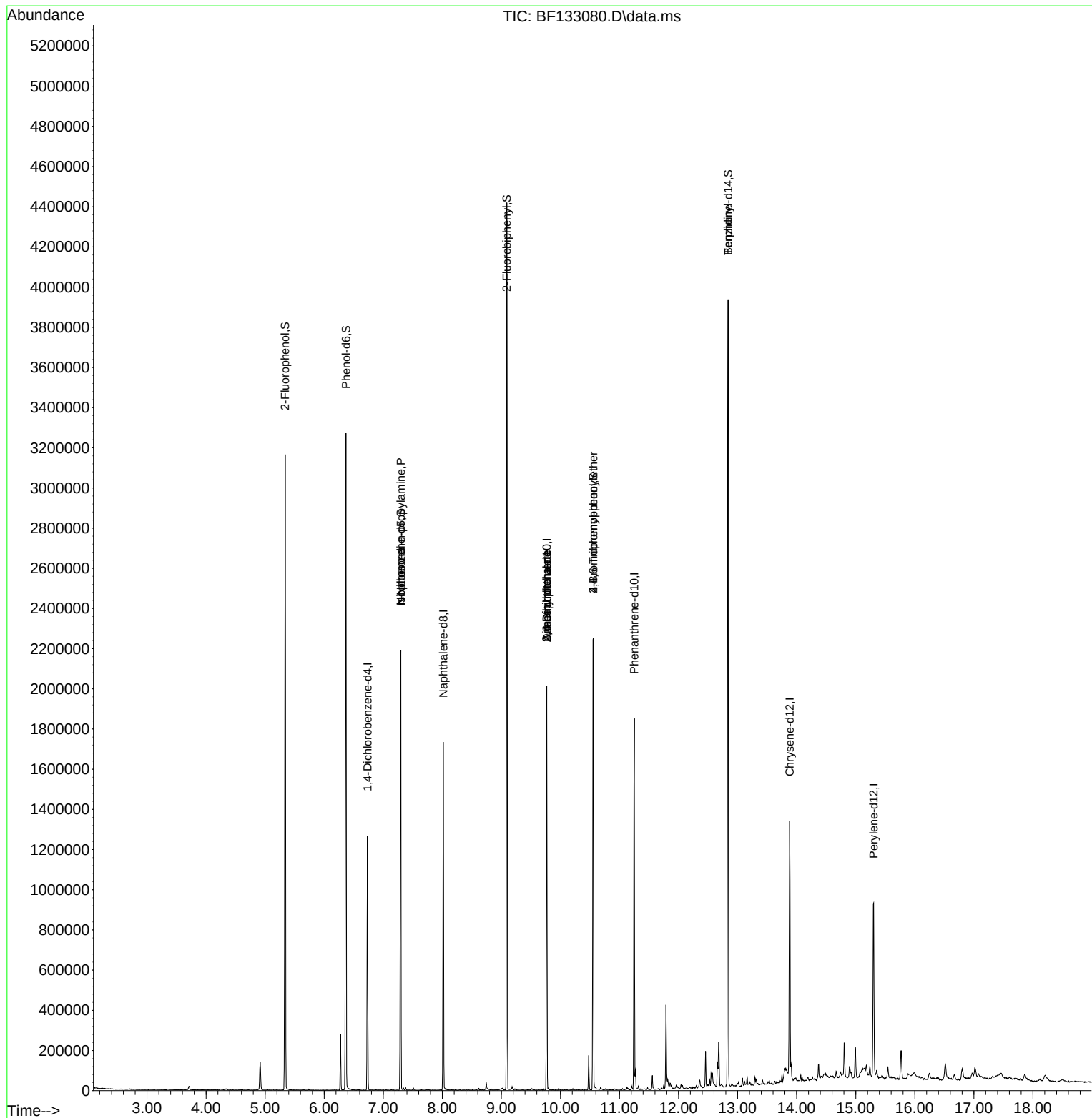
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	167035	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	668534	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	351321	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	633871	20.000	ng	0.00
76) Chrysene-d12	13.880	240	369430	20.000	ng	-0.01
86) Perylene-d12	15.304	264	367709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	888410	80.345	ng	0.00
7) Phenol-d6	6.369	99	1064484	77.560	ng	-0.01
23) Nitrobenzene-d5	7.298	82	660071	53.294	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	284323	80.472	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1236495	58.882	ng	0.00
79) Terphenyl-d14	12.839	244	1334260	62.289	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.298	70	85763	10.037	ng	# 76
25) Isophorone	7.298	82	660059	28.069	ng	# 63
50) Dimethylphthalate	9.769	163	69698	2.845	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	43939	7.969	ng	# 24
57) 2,4-Dinitrotoluene	9.769	165	43939	6.249	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	17934	2.609	ng	# 1
77) Benzidine	12.839	184	15530	2.486	ng	# 88

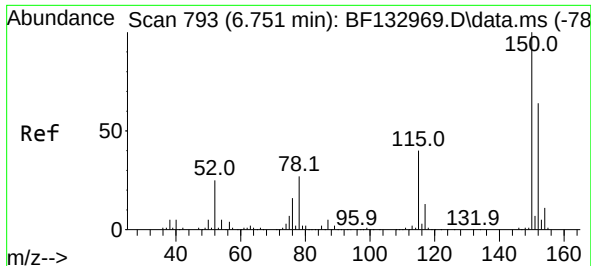
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

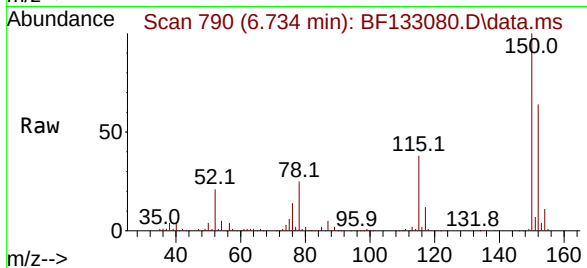
Quant Time: Apr 27 02:03:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration



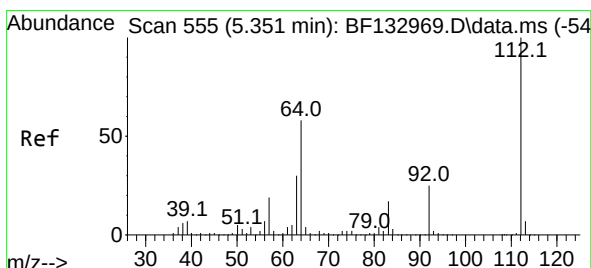
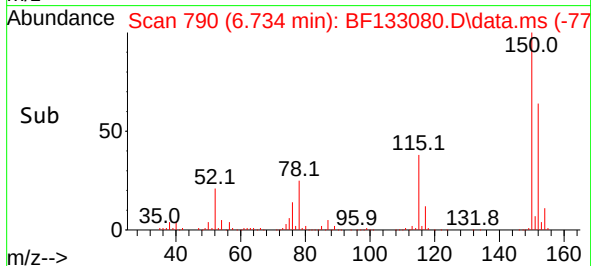
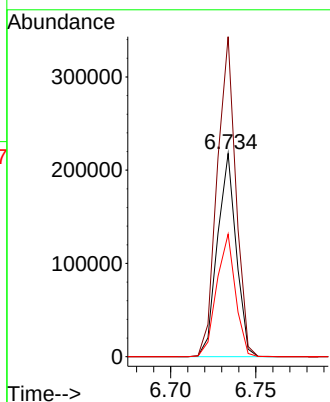


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.734 min Scan# 793
Delta R.T. -0.005 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

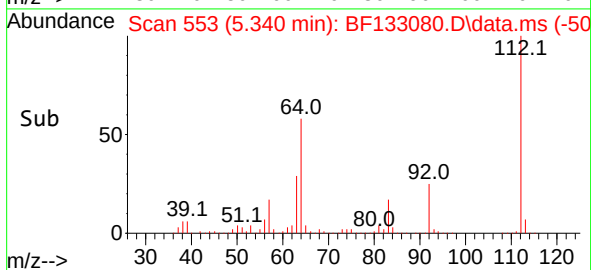
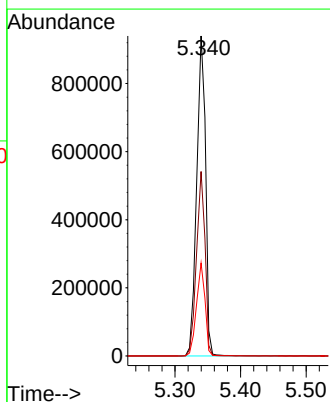
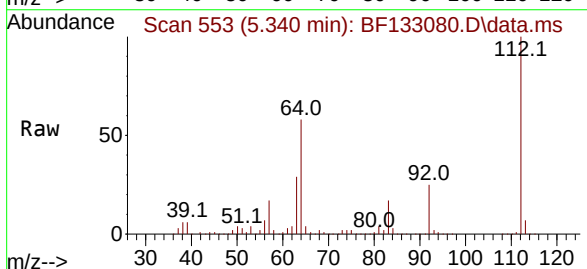


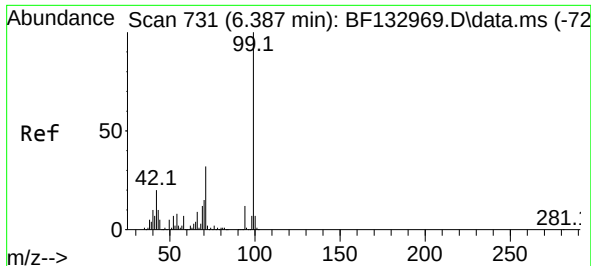
Tgt Ion:152 Resp: 167035
Ion Ratio Lower Upper
152 100
150 157.4 124.8 187.2
115 60.3 49.9 74.9



#5
2-Fluorophenol
Concen: 80.345 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:112 Resp: 888410
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 29.0 23.8 35.8

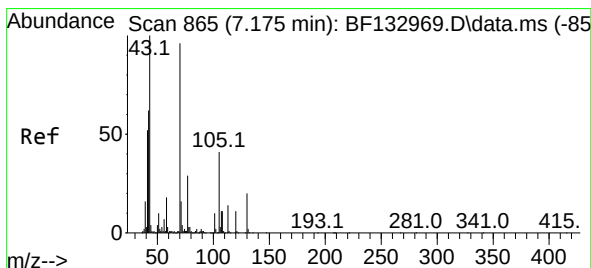
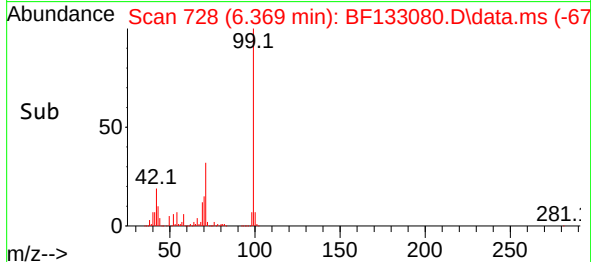
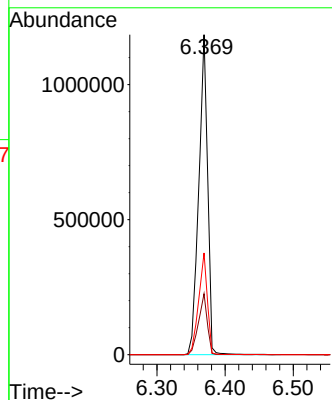
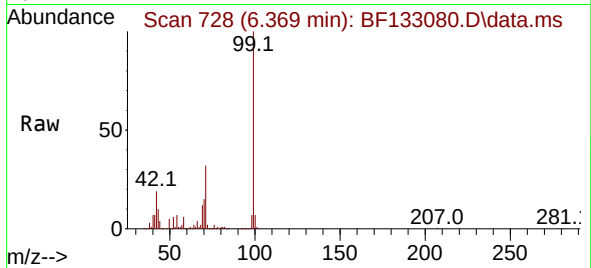




#7
Phenol-d6
Concen: 77.560 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

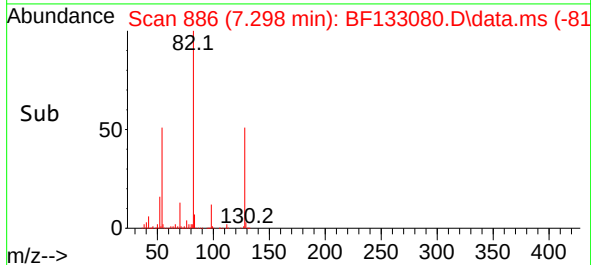
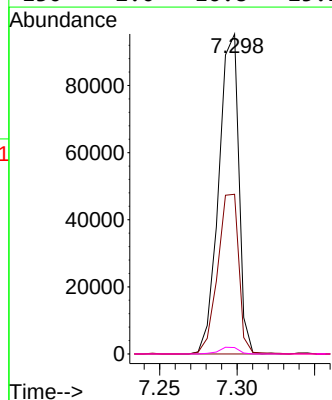
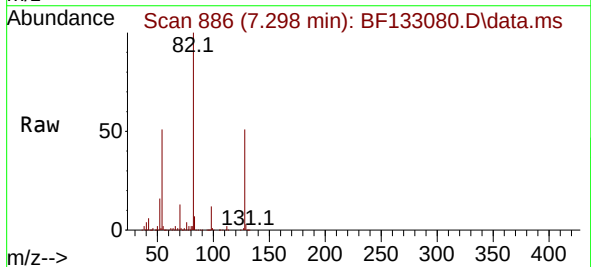
Instrument :
BNA_F
ClientSampleId :
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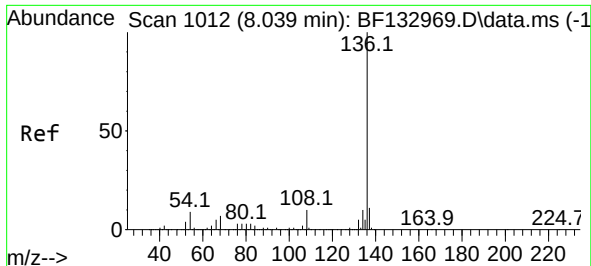
Tgt Ion: 99 Resp: 1064484
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 31.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.037 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion: 70 Resp: 85763
Ion Ratio Lower Upper
70 100
42 49.9 51.8 77.6#
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#

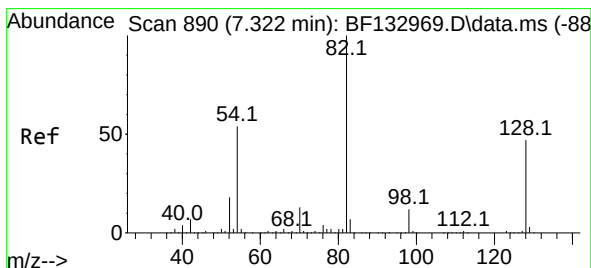
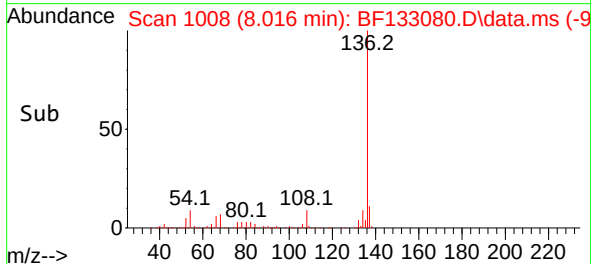
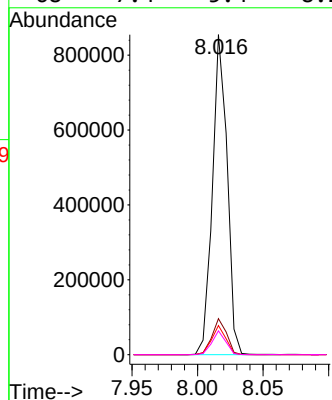
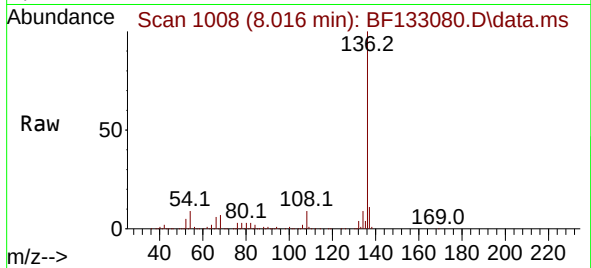




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

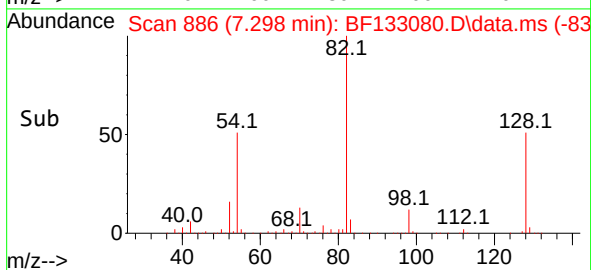
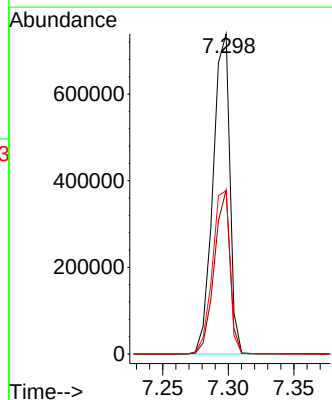
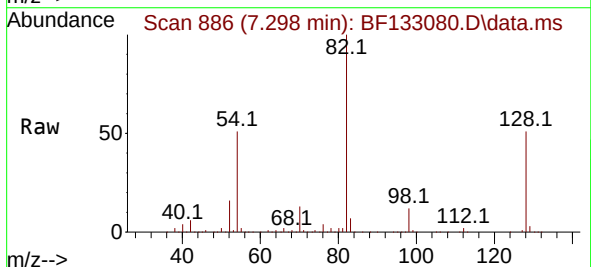
Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

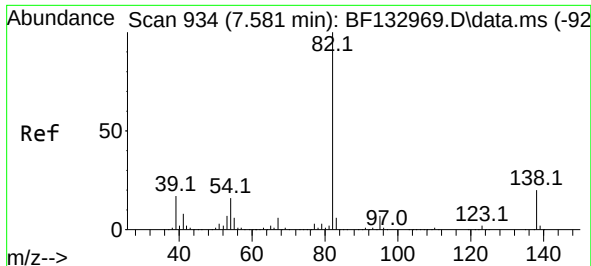
Tgt	Ion:136	Resp:	668534
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.1	7.0	10.4
68	7.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 53.294 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion: 82	Resp: 660071
Ion Ratio	Lower Upper
82 100	
128 51.2	37.7 56.5
54 51.1	43.0 64.4

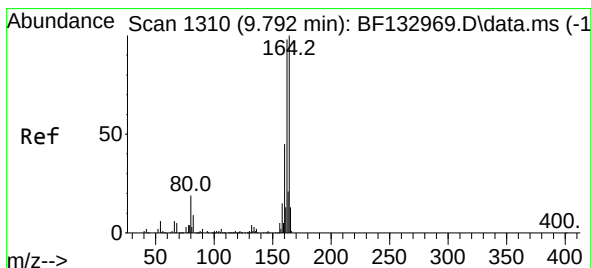
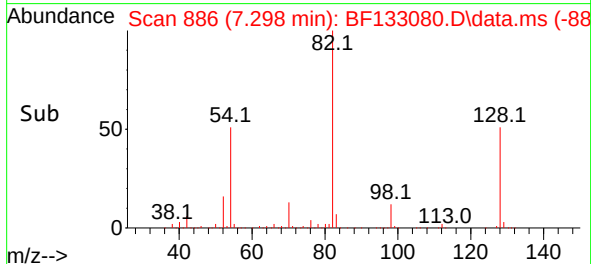
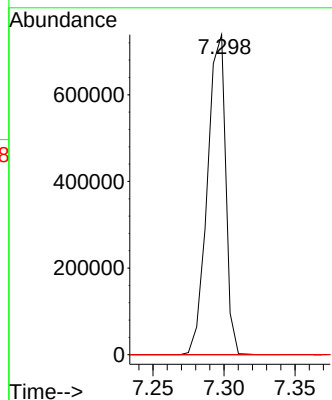
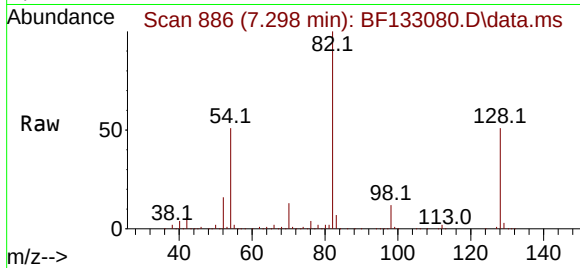




#25
Isophorone
Concen: 28.069 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

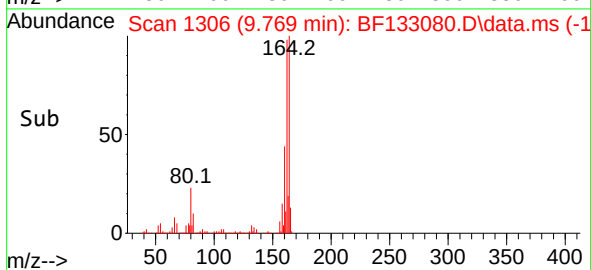
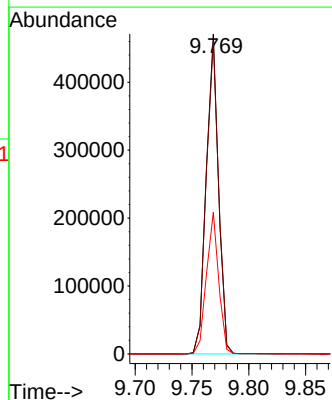
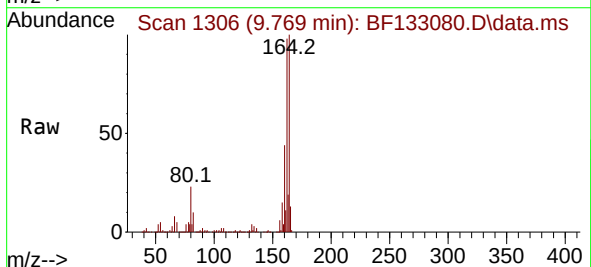
Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

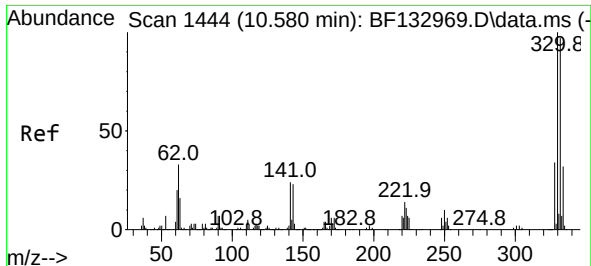
Tgt Ion: 82 Resp: 660059
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:164 Resp: 351321
Ion Ratio Lower Upper
164 100
162 97.7 78.7 118.1
160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 80.472 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133080.D

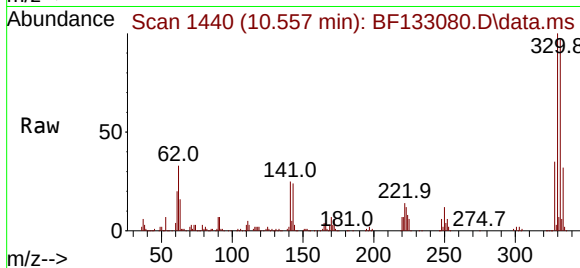
Acq: 26 Apr 2023 23:04

Instrument :

BNA_F

ClientSampleId :

SB-30-0-2-20230412



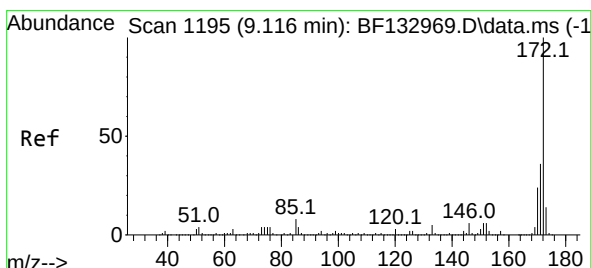
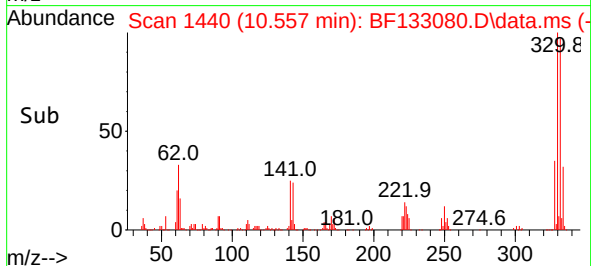
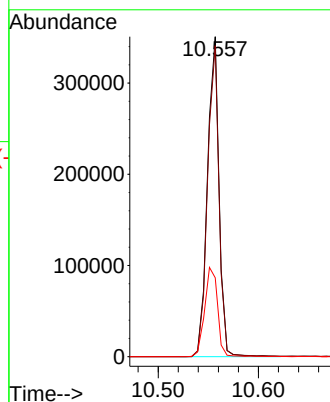
Tgt Ion:330 Resp: 284323

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 31.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 58.882 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133080.D

Acq: 26 Apr 2023 23:04

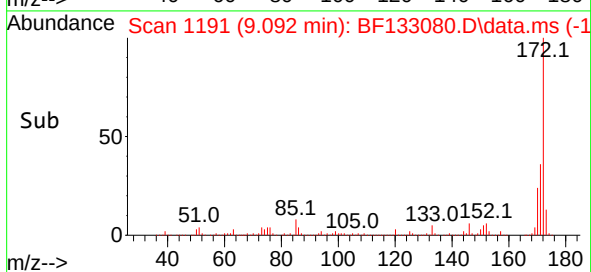
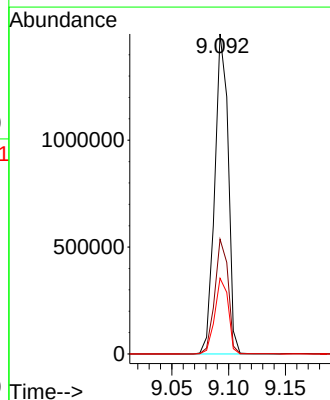
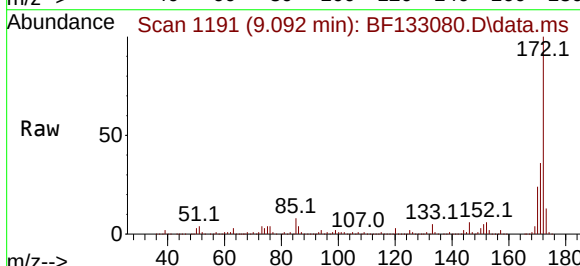
Tgt Ion:172 Resp: 1236495

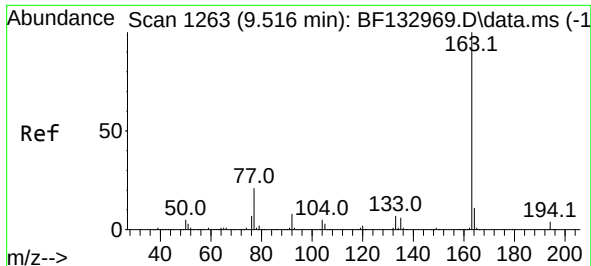
Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.7 19.4 29.2

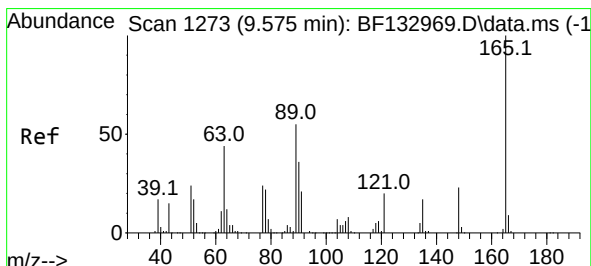
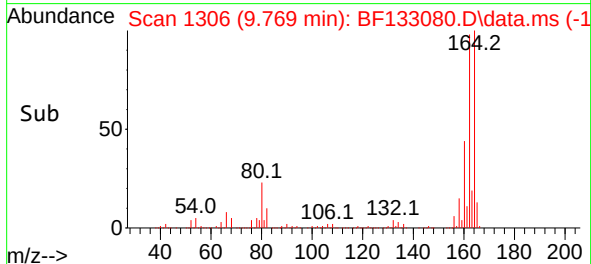
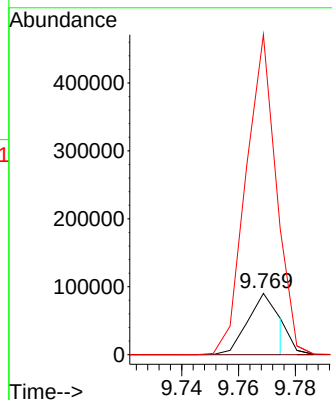
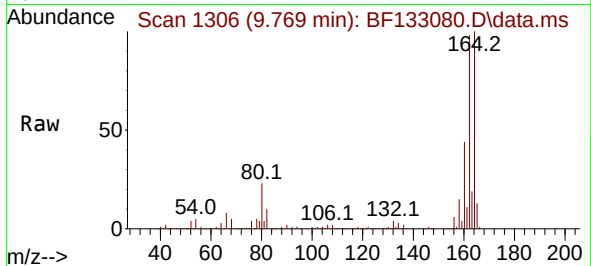




#50
Dimethylphthalate
Concen: 2.845 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

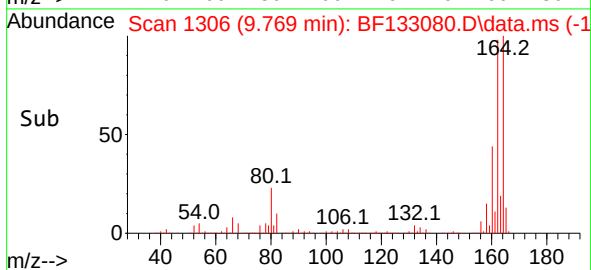
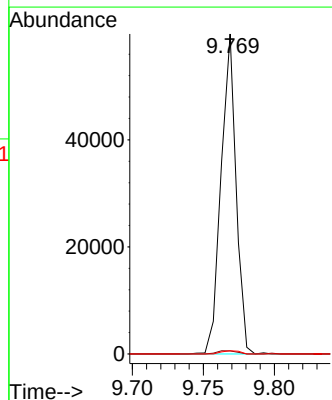
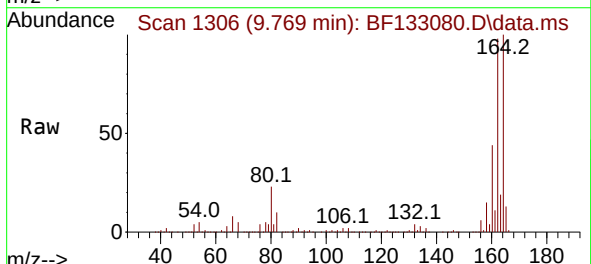
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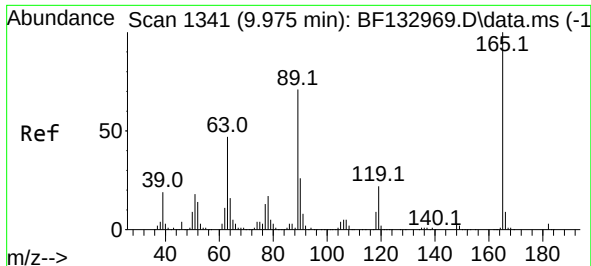
Tgt Ion:163 Resp: 69698
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 522.0 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 7.969 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:165 Resp: 43939
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.0 44.0 66.0#

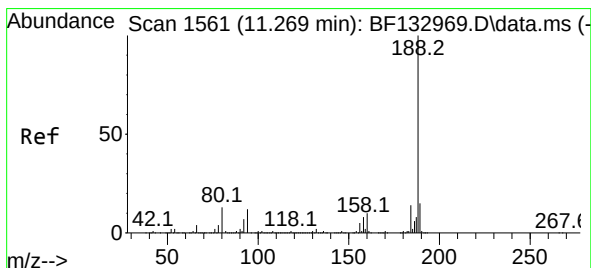
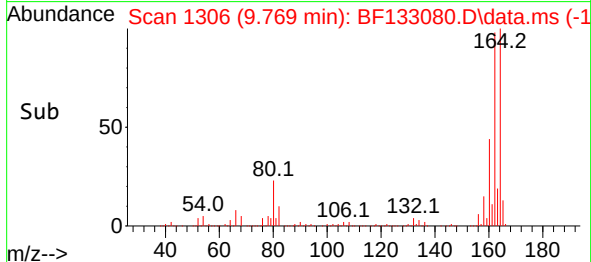
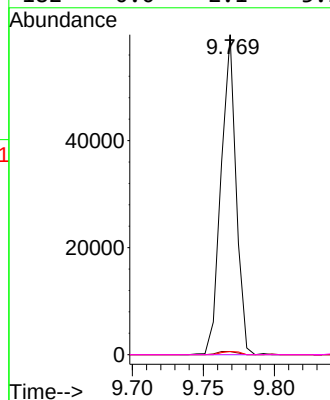
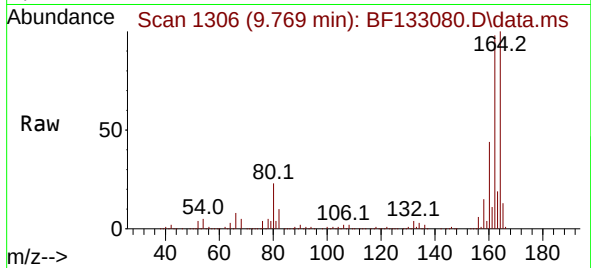




#57
2,4-Dinitrotoluene
Concen: 6.249 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

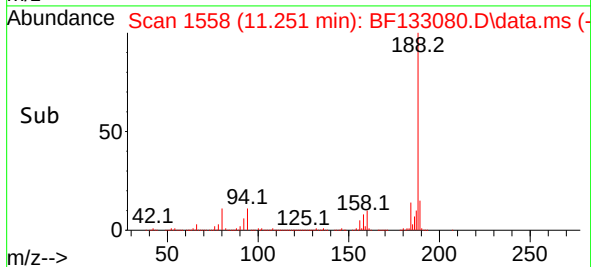
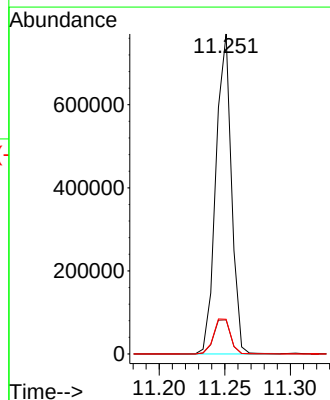
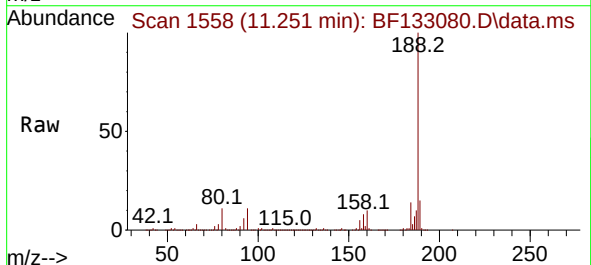
Instrument :
BNA_F
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SB-30-0-2-20230412

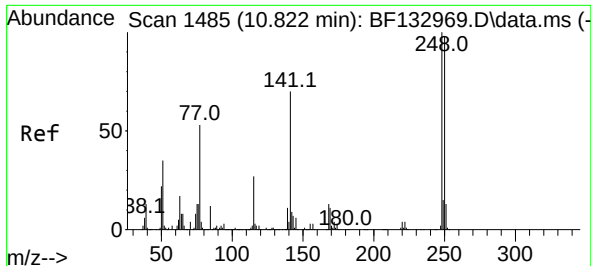
Tgt Ion:165 Resp: 43939
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.251 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:188 Resp: 633871
Ion Ratio Lower Upper
188 100
94 10.7 9.7 14.5
80 10.8 10.4 15.6

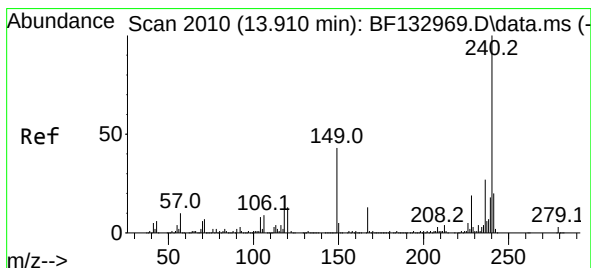
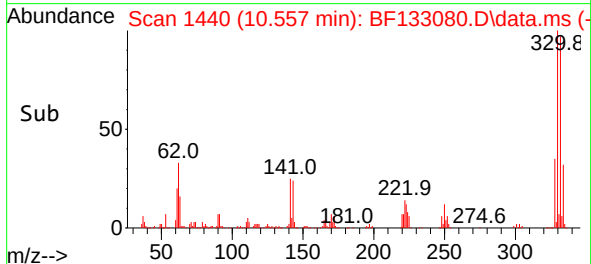
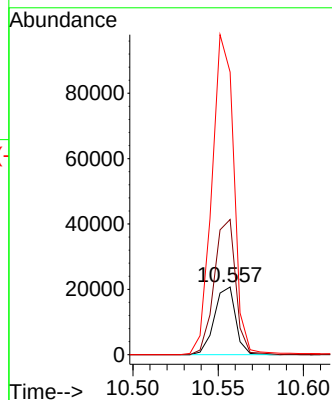
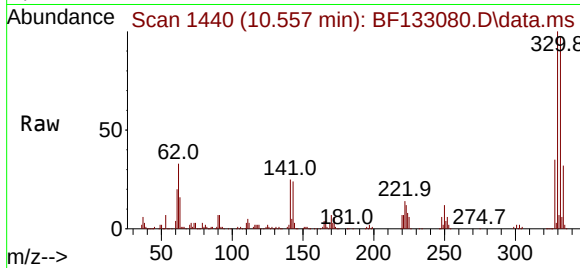




#67
4-Bromophenyl-phenylether
Concen: 2.609 ng
RT: 10.557 min Scan# 1485
Delta R.T. -0.247 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

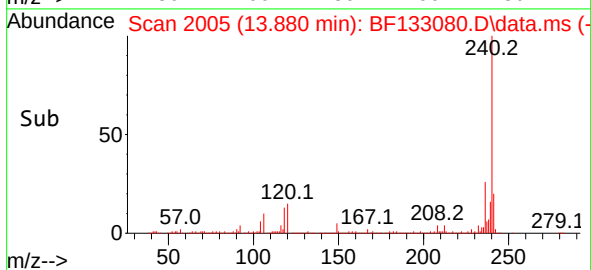
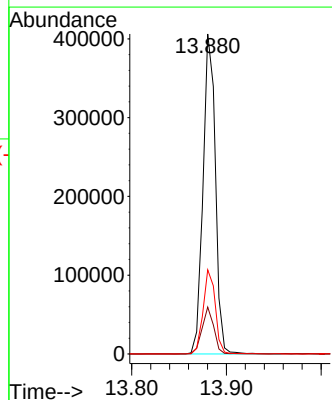
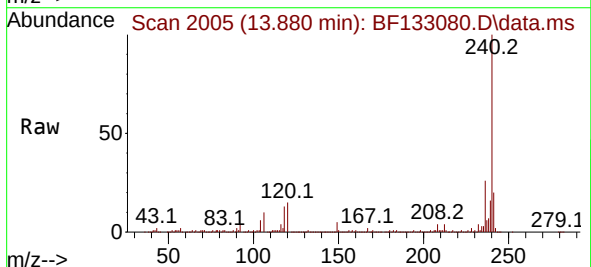
Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

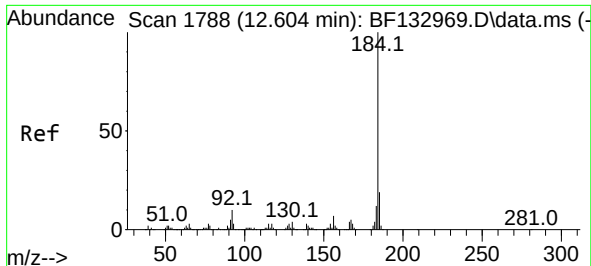
Tgt Ion:248 Resp: 17934
Ion Ratio Lower Upper
248 100
250 200.0 78.7 118.1#
141 417.7 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Tgt Ion:240 Resp: 369430
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.3 21.5 32.3

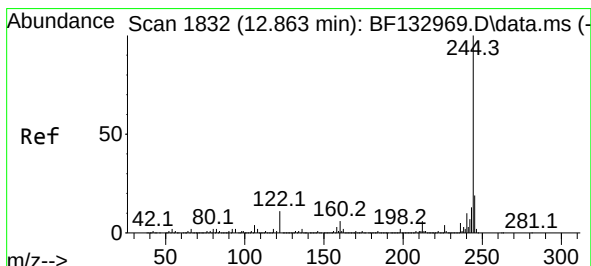
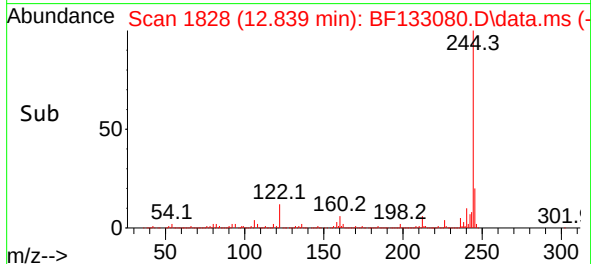
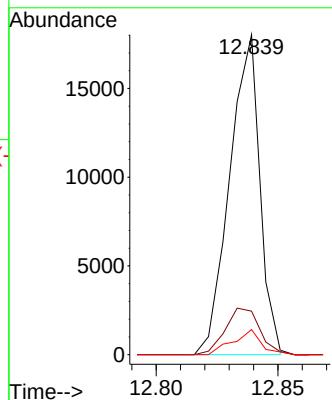
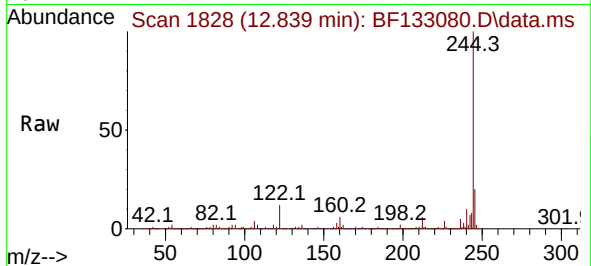




#77
Benzidine
Concen: 2.486 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.253 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

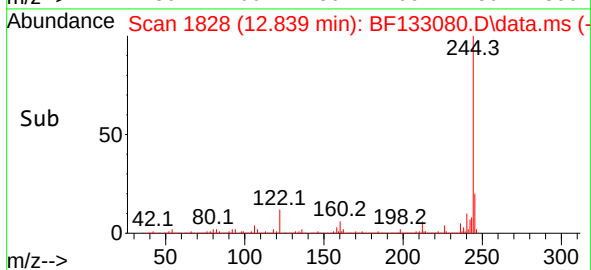
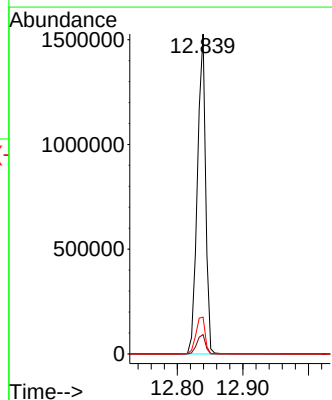
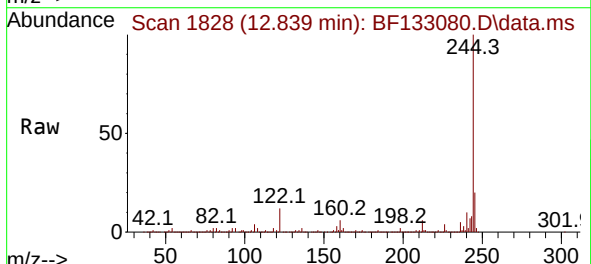
Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412

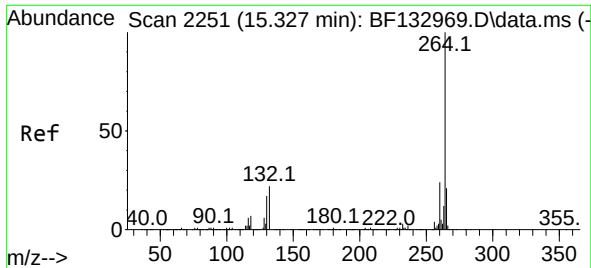
Tgt Ion:184 Resp: 15530
Ion Ratio Lower Upper
184 100
185 13.6 15.4 23.2#
183 7.9 9.4 14.0#



#79
Terphenyl-d14
Concen: 62.289 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

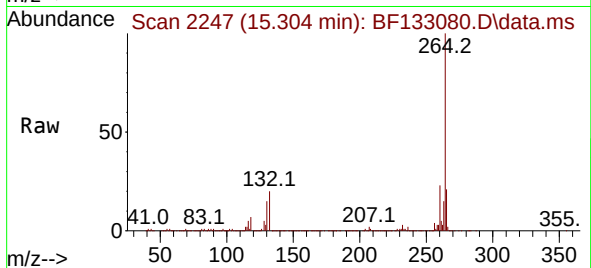
Tgt Ion:244 Resp: 1334260
Ion Ratio Lower Upper
244 100
212 6.1 5.1 7.7
122 11.5 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF133080.D
Acq: 26 Apr 2023 23:04

Instrument :
BNA_F
ClientSampleId :
SB-30-0-2-20230412



Tgt Ion:264 Resp: 367709

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.8	28.2
265	21.4	17.0	25.4

