

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133075.D
 Acq On : 26 Apr 2023 20:33
 Operator : CG\JU
 Sample : 02427-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31

Quant Time: Apr 27 02:01:31 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)

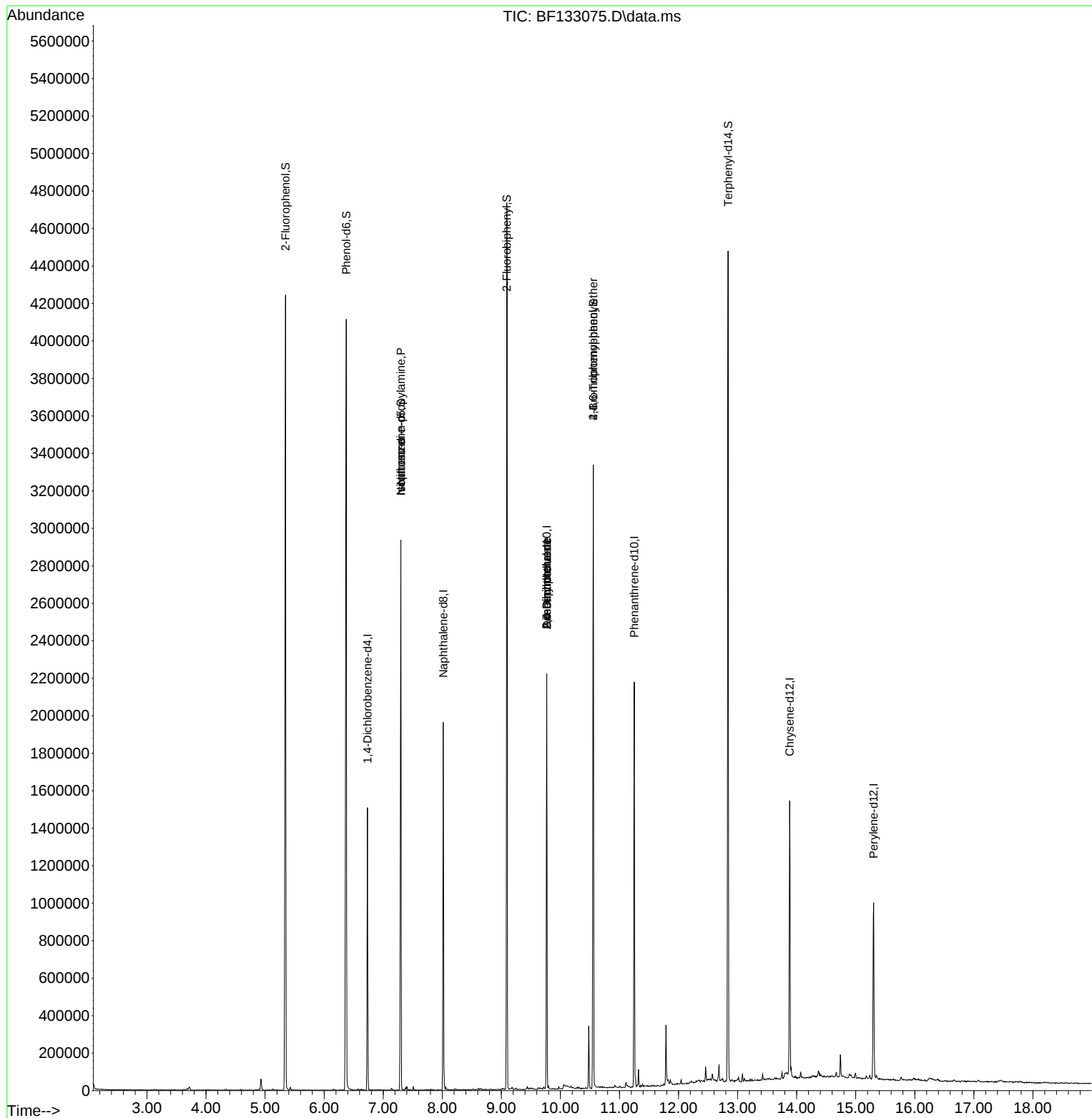
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.734	152	189788	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	756568	20.000	ng	0.00
39) Acenaphthene-d10	9.769	164	400919	20.000	ng	0.00
64) Phenanthrene-d10	11.251	188	723347	20.000	ng	0.00
76) Chrysene-d12	13.880	240	444109	20.000	ng	-0.01
86) Perylene-d12	15.304	264	391026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1244410	99.048	ng	0.00
7) Phenol-d6	6.375	99	1519491	97.440	ng	0.00
23) Nitrobenzene-d5	7.298	82	869411	62.028	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	409077	101.457	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1447657	60.409	ng	0.00
79) Terphenyl-d14	12.839	244	1585979	61.590	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	313	Below Cal		Qvalue 92
19) n-Nitroso-di-n-propyla...	7.298	70	113060	11.646	ng	# 77
25) Isophorone	7.298	82	867864	32.611	ng	# 62
50) Dimethylphthalate	9.769	163	81423	2.913	ng	# 1
51) 2,6-Dinitrotoluene	9.769	165	52203	8.297	ng	# 25
57) 2,4-Dinitrotoluene	9.769	165	52203	6.506	ng	# 23
67) 4-Bromophenyl-phenylether	10.557	248	24860	3.169	ng	# 1

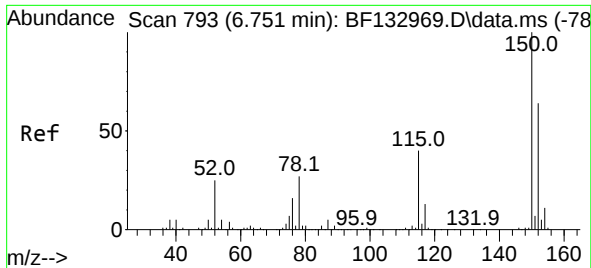
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133075.D
Acq On : 26 Apr 2023 20:33
Operator : CG\JU
Sample : 02427-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

Quant Time: Apr 27 02:01:31 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

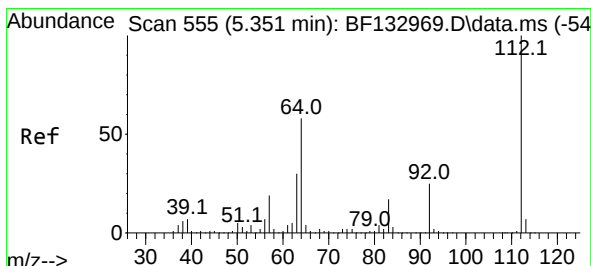
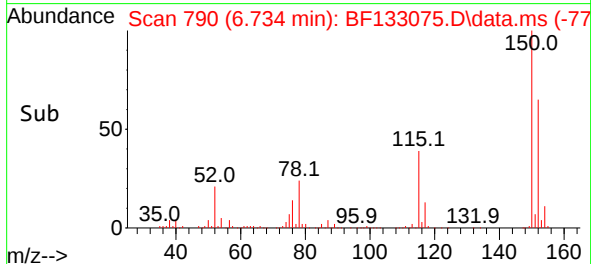
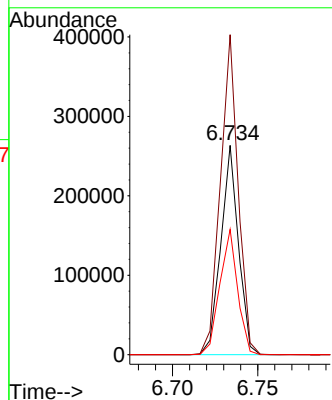
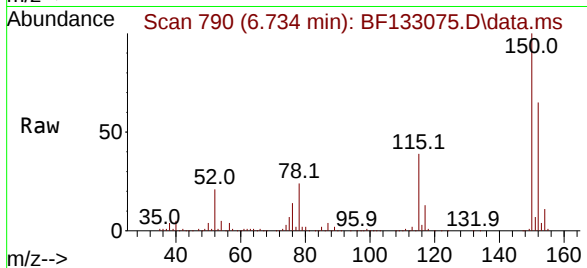




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.734 min Scan# 793
 Delta R.T. -0.005 min
 Lab File: BF133075.D
 Acq: 26 Apr 2023 20:33

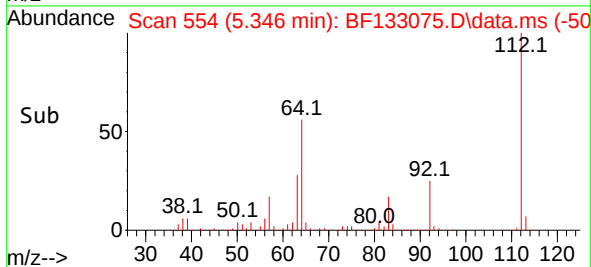
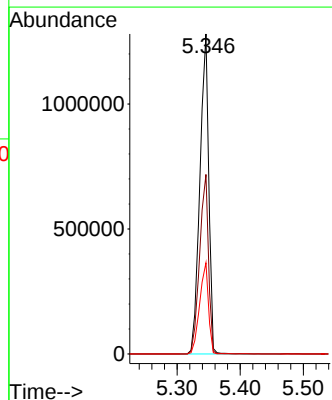
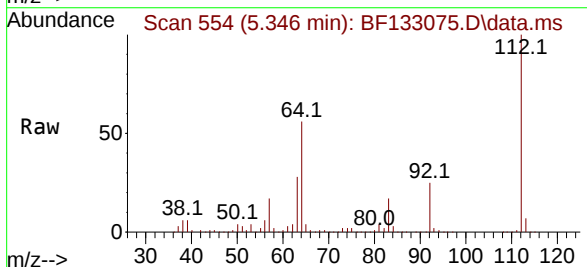
Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31

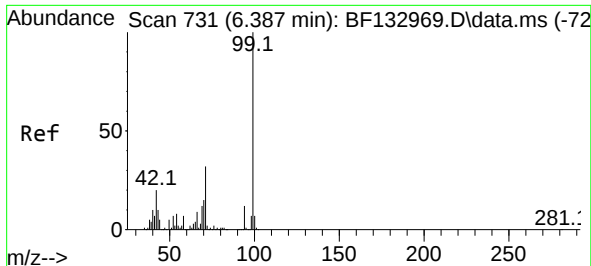
Tgt Ion:152 Resp: 189788
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.8 187.2
 115 59.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 99.048 ng
 RT: 5.346 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133075.D
 Acq: 26 Apr 2023 20:33

Tgt Ion:112 Resp: 1244410
 Ion Ratio Lower Upper
 112 100
 64 56.1 46.8 70.2
 63 28.5 23.8 35.8

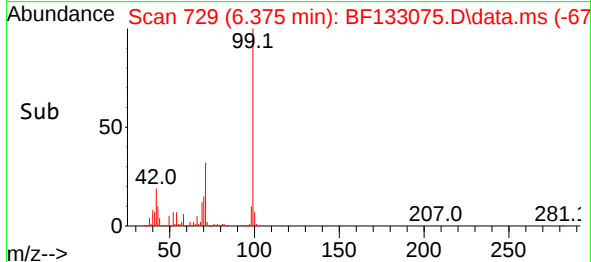
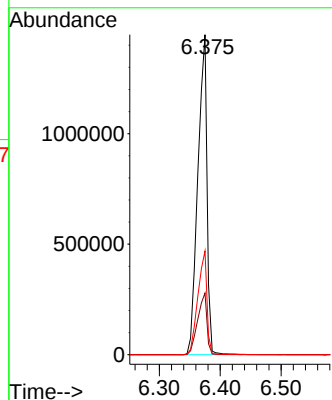
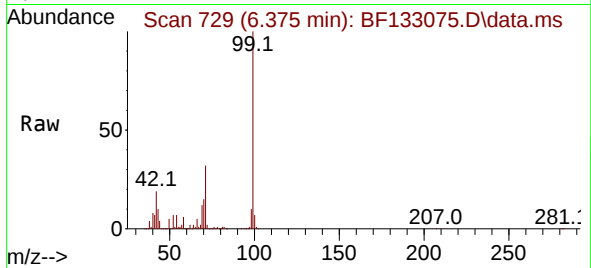




#7
Phenol-d6
Concen: 97.440 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

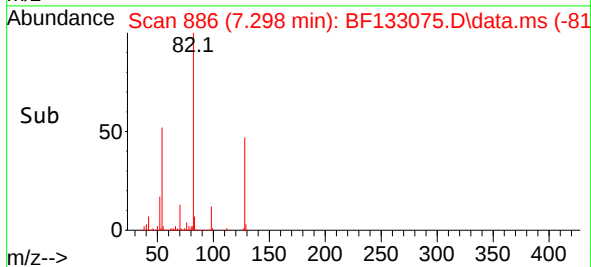
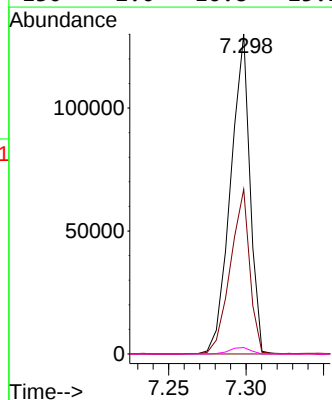
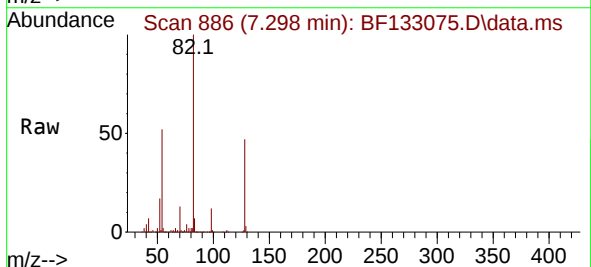
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

Tgt Ion: 99 Resp: 1519491
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.646 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion: 70 Resp: 113060
Ion Ratio Lower Upper
70 100
42 51.4 51.8 77.6#
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#

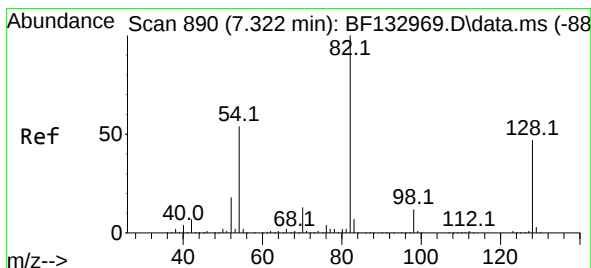
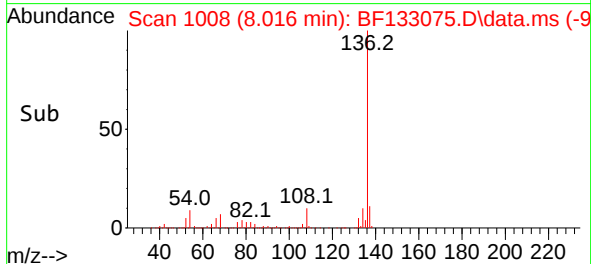
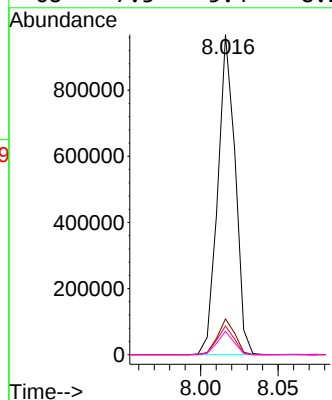
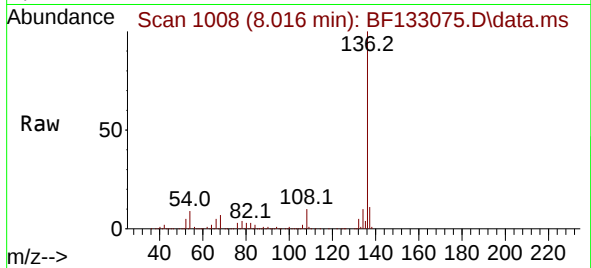




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

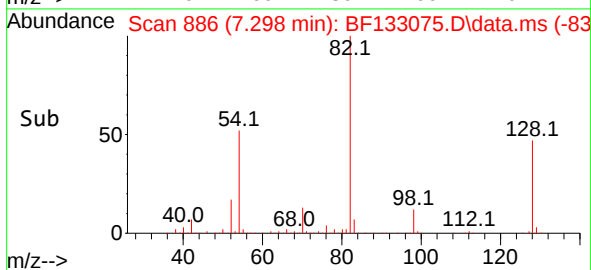
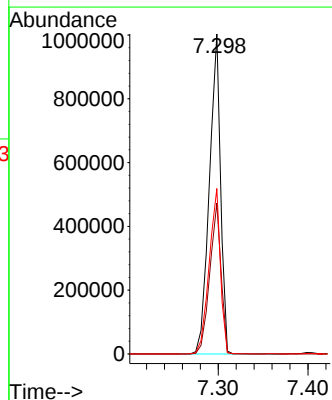
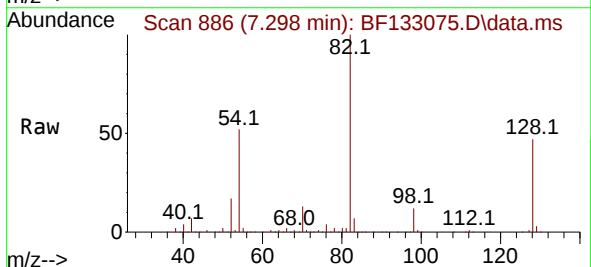
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

Tgt Ion:136 Resp: 756568
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.0 7.0 10.4
68 7.3 5.4 8.2



#23
Nitrobenzene-d5
Concen: 62.028 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion: 82 Resp: 869411
Ion Ratio Lower Upper
82 100
128 47.1 37.7 56.5
54 51.7 43.0 64.4

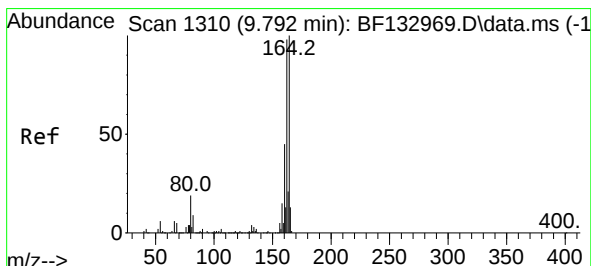
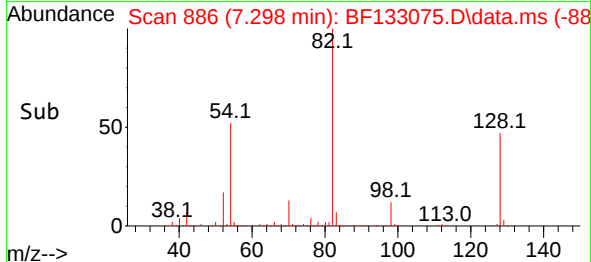
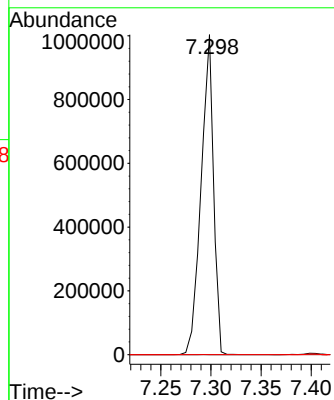
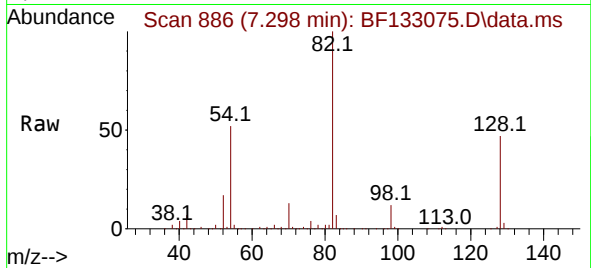




#25
Isophorone
Concen: 32.611 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

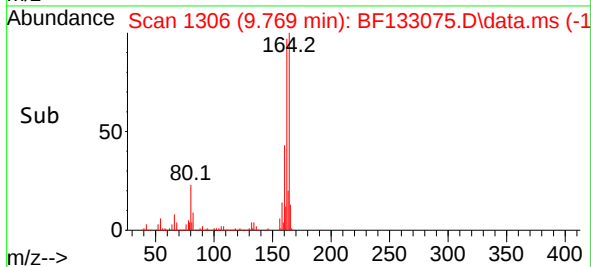
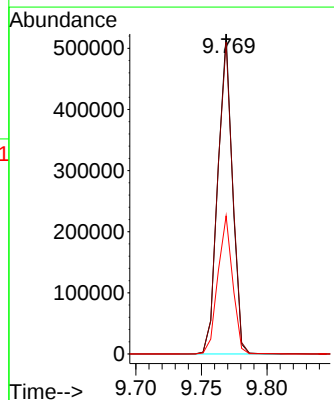
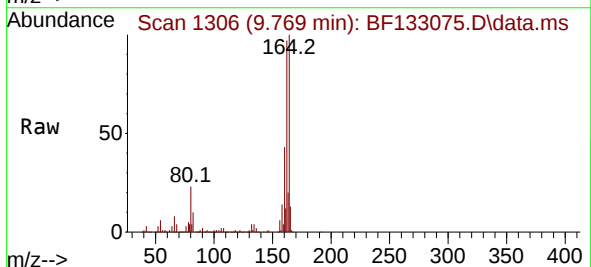
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

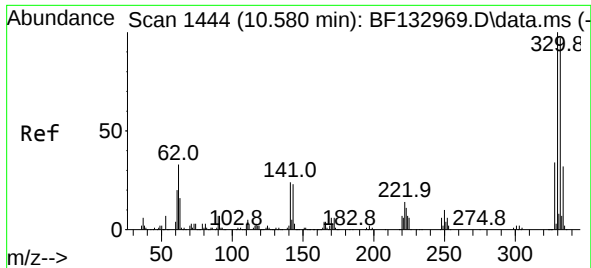
Tgt Ion: 82 Resp: 867864
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.769 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion:164 Resp: 400919
Ion Ratio Lower Upper
164 100
162 97.5 78.7 118.1
160 43.2 35.8 53.6

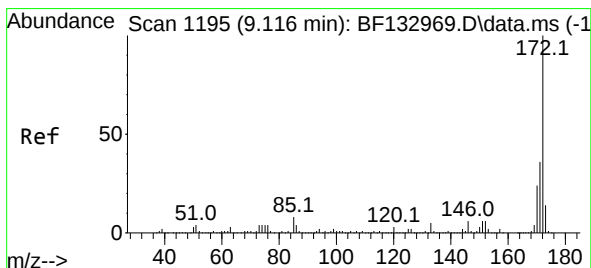
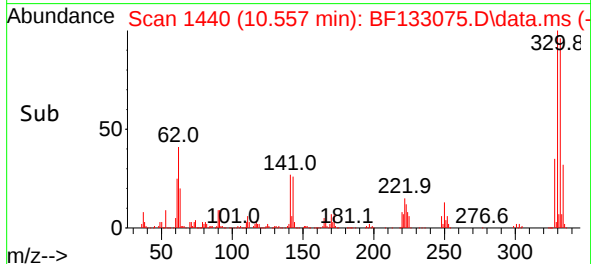
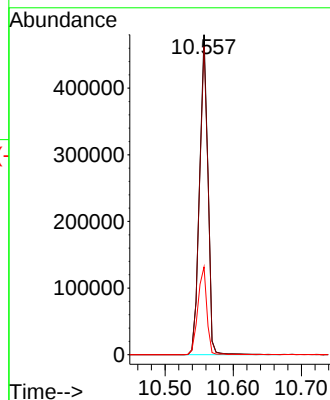
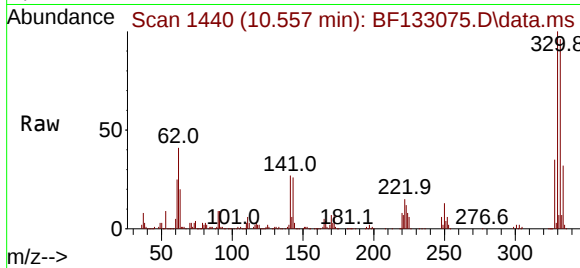




#42
2,4,6-Tribromophenol
Concen: 101.457 ng
RT: 10.557 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

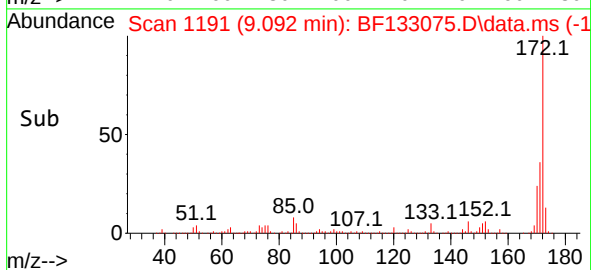
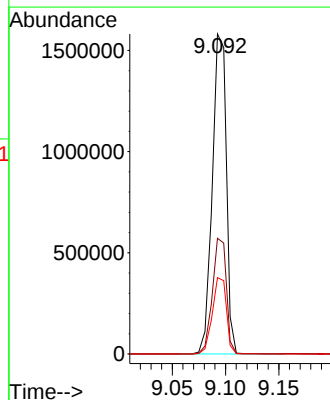
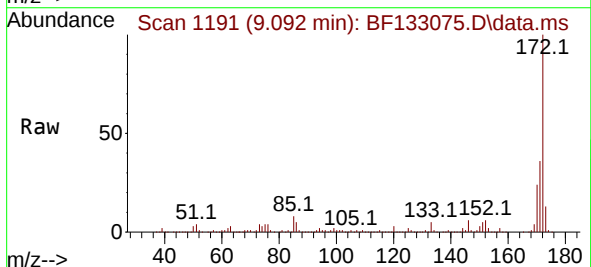
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

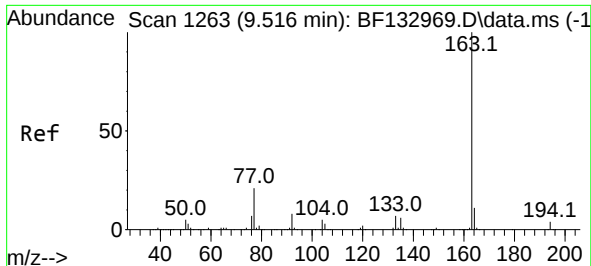
Tgt Ion:330 Resp: 409077
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 29.3 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 60.409 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion:172 Resp: 1447657
Ion Ratio Lower Upper
172 100
171 36.2 28.8 43.2
170 23.8 19.4 29.2

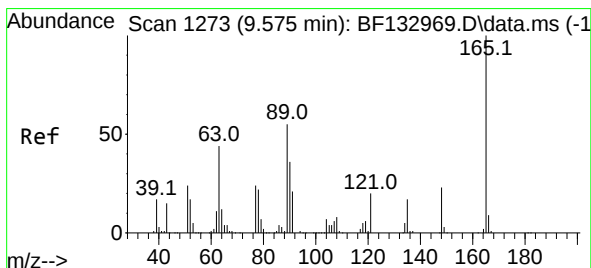
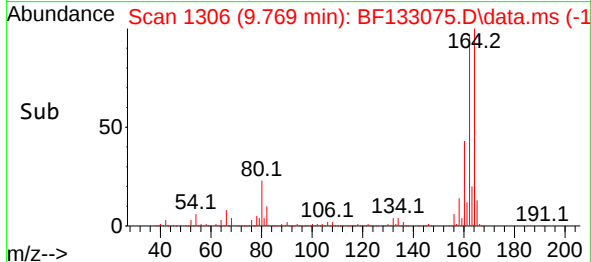
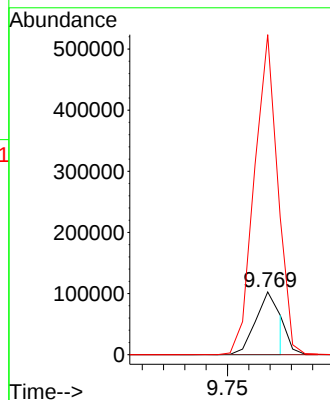
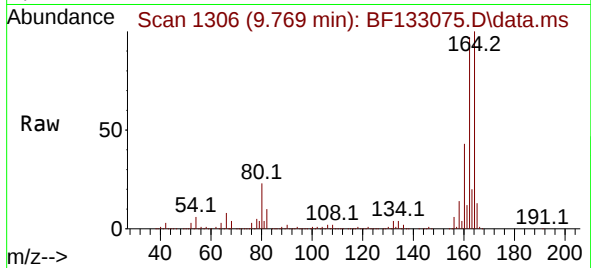




#50
Dimethylphthalate
Concen: 2.913 ng
RT: 9.769 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

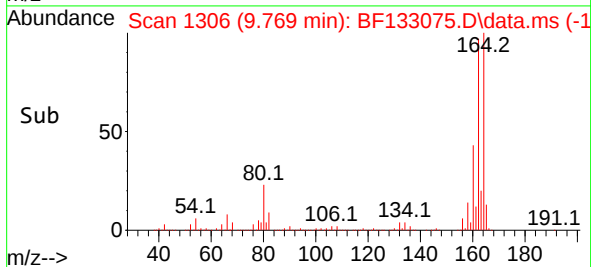
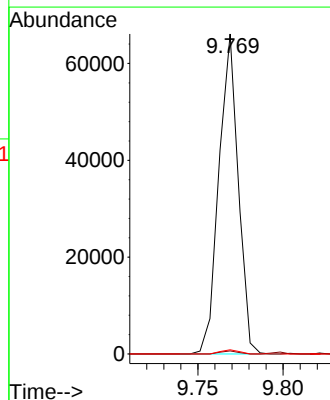
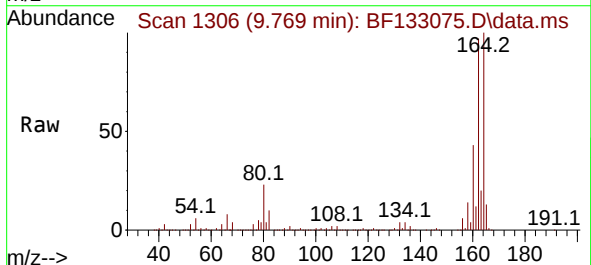
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

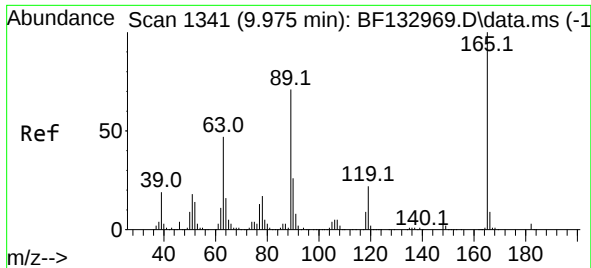
Tgt Ion:163 Resp: 81423
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 510.5 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.297 ng
RT: 9.769 min Scan# 1306
Delta R.T. 0.212 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion:165 Resp: 52203
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.3 44.0 66.0#





#57

2,4-Dinitrotoluene

Concen: 6.506 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.194 min

Lab File: BF133075.D

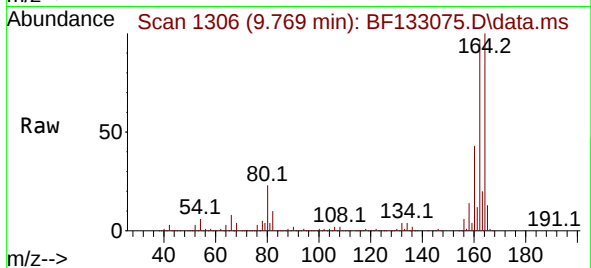
Acq: 26 Apr 2023 20:33

Instrument :

BNA_F

ClientSampleId :

20230353-COMP-31



Tgt Ion:165 Resp: 52203

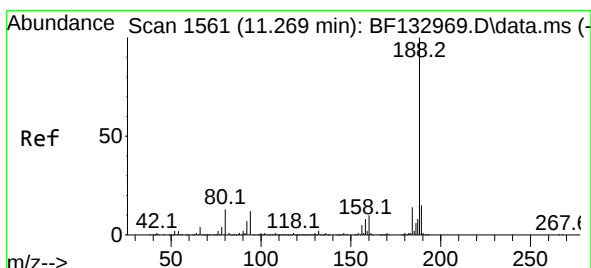
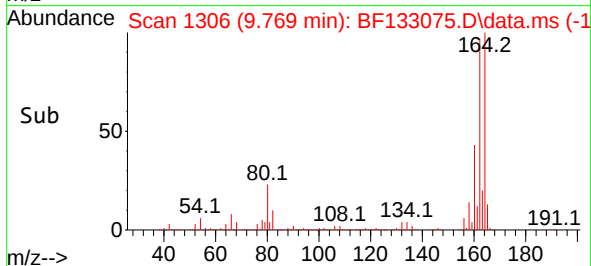
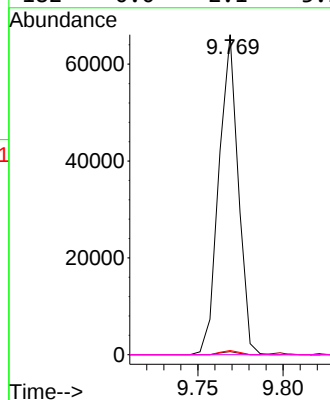
Ion Ratio Lower Upper

165 100

63 1.0 37.7 56.5#

89 1.3 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: BF133075.D

Acq: 26 Apr 2023 20:33

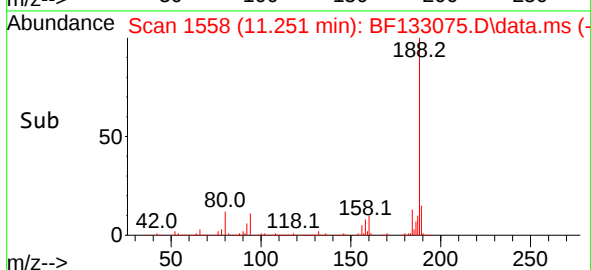
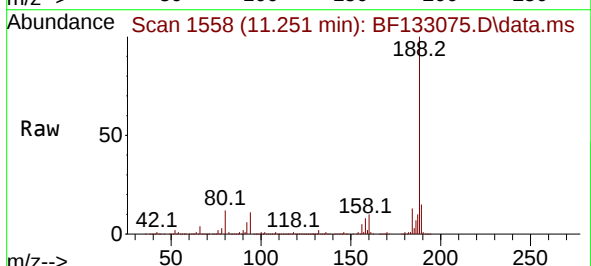
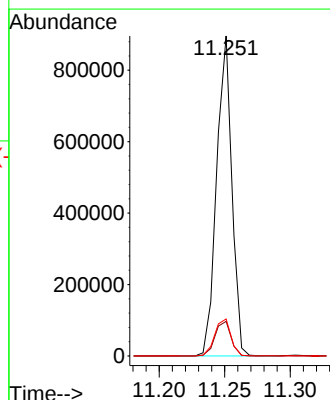
Tgt Ion:188 Resp: 723347

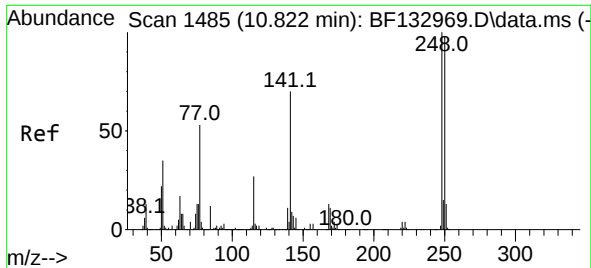
Ion Ratio Lower Upper

188 100

94 10.8 9.7 14.5

80 11.6 10.4 15.6

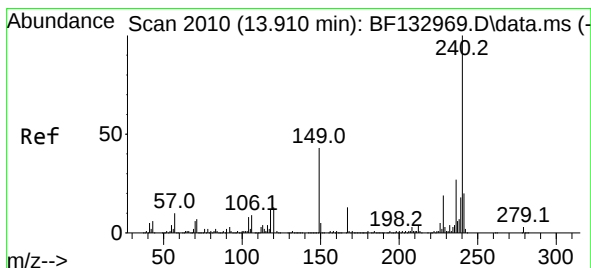
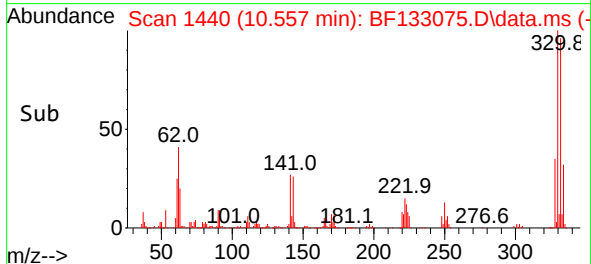
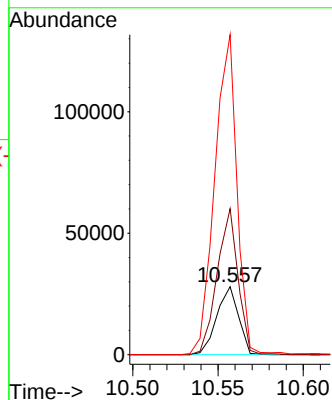
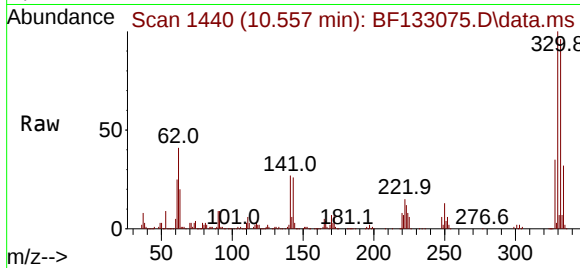




#67
4-Bromophenyl-phenylether
Concen: 3.169 ng
RT: 10.557 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

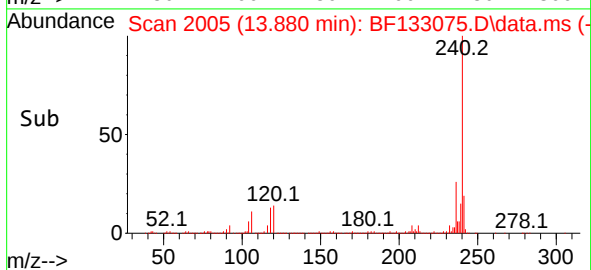
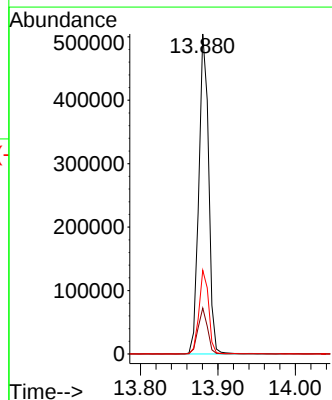
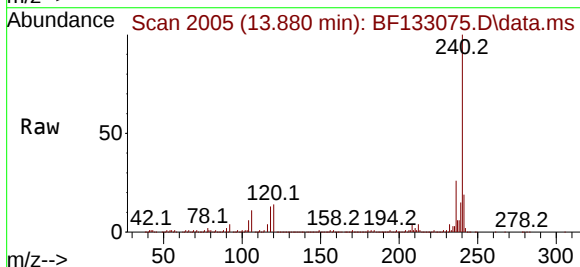
Instrument :
BNA_F
ClientSampleId :
20230353-COMP-31

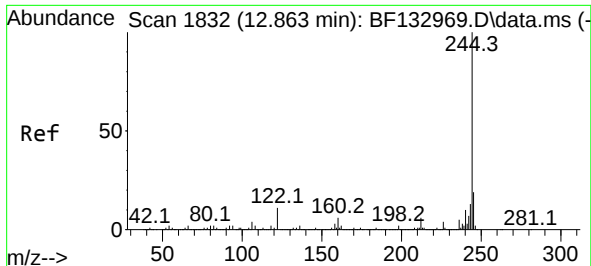
Tgt Ion:248 Resp: 24860
Ion Ratio Lower Upper
248 100
250 214.9 78.7 118.1#
141 470.5 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133075.D
Acq: 26 Apr 2023 20:33

Tgt Ion:240 Resp: 444109
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.2 21.5 32.3

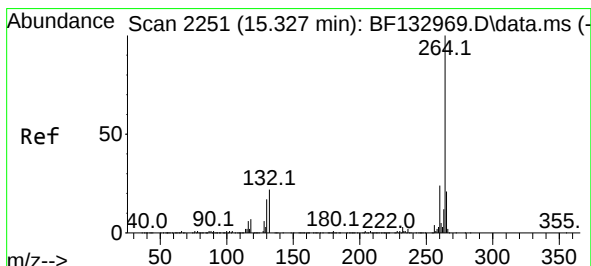
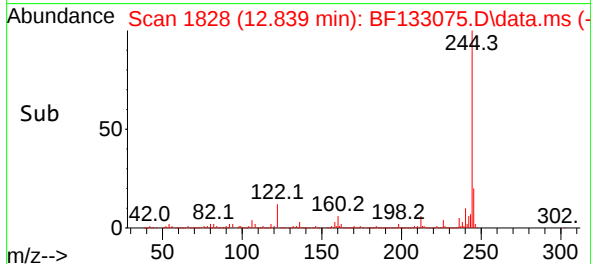
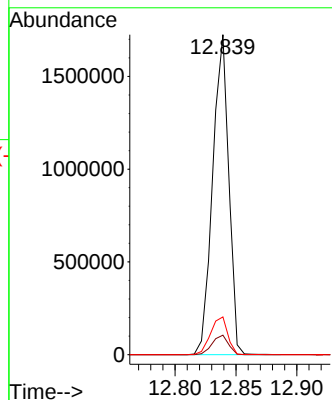
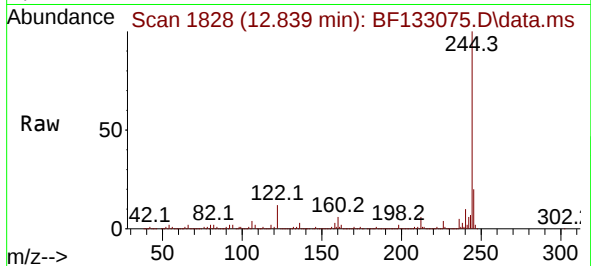




#79
 Terphenyl-d14
 Concen: 61.590 ng
 RT: 12.839 min Scan# 1828
 Delta R.T. 0.000 min
 Lab File: BF133075.D
 Acq: 26 Apr 2023 20:33

Instrument :
 BNA_F
 ClientSampleId :
 20230353-COMP-31

Tgt Ion:244 Resp: 1585979
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.1 7.7
 122 11.8 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.304 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF133075.D
 Acq: 26 Apr 2023 20:33

Tgt Ion:264 Resp: 391026
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 21.6 17.0 25.4

