

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132707.D
 Acq On : 09 Mar 2023 00:13
 Operator : CG\JU
 Sample : 01829-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-04-20230306

Quant Time: Mar 09 04:02:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

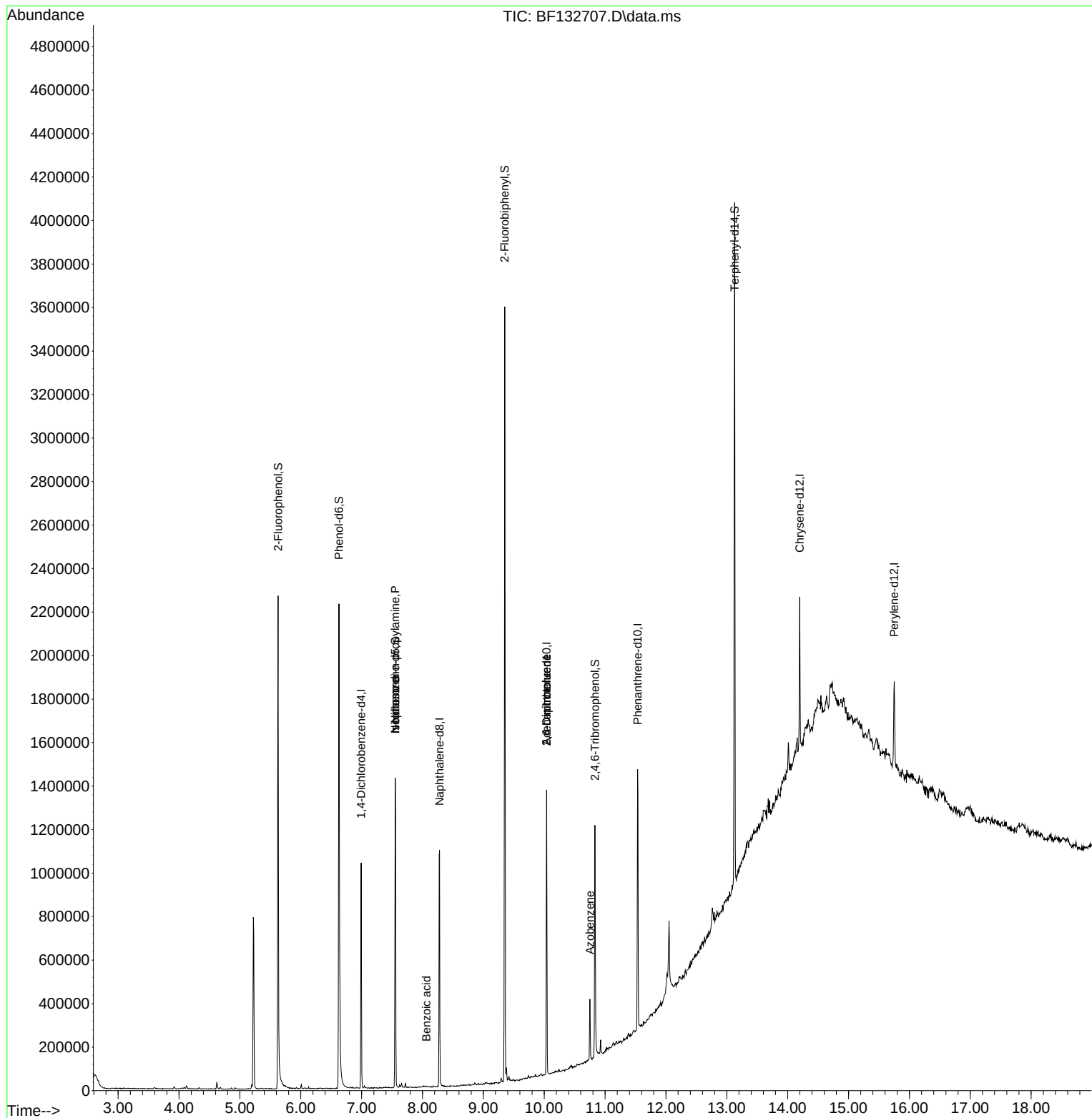
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.992	152	140266	20.000	ng	0.00
21) Naphthalene-d8	8.281	136	482513	20.000	ng	0.00
39) Acenaphthene-d10	10.039	164	243502	20.000	ng	0.00
64) Phenanthrene-d10	11.533	188	466918	20.000	ng	0.00
76) Chrysene-d12	14.198	240	240628	20.000	ng	0.00
86) Perylene-d12	15.751	264	210481	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	680014	78.682	ng	0.01
7) Phenol-d6	6.628	99	814209	72.186	ng	0.00
23) Nitrobenzene-d5	7.551	82	455143	44.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.833	330	140027	53.248	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	991584	62.006	ng	0.00
79) Terphenyl-d14	13.127	244	1078603	75.787	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.551	70	59025	8.503	ng	# 77
25) Isophorone	7.551	82	453471	23.257	ng	# 67
32) Benzoic acid	8.063	122	242	3.873	ng	# 41
51) 2,6-Dinitrotoluene	10.039	165	32236	7.984	ng	# 23
57) 2,4-Dinitrotoluene	10.039	165	32236	6.001	ng	# 21
63) Azobenzene	10.751	77	46354	2.528	ng	# 1

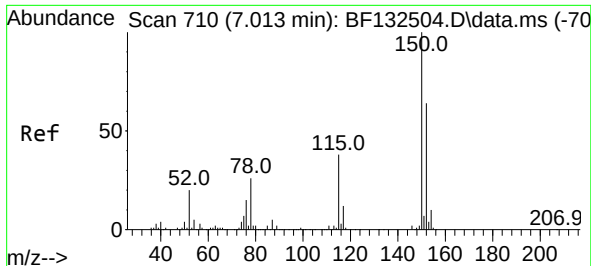
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132707.D
Acq On : 09 Mar 2023 00:13
Operator : CG\JU
Sample : 01829-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-04-20230306

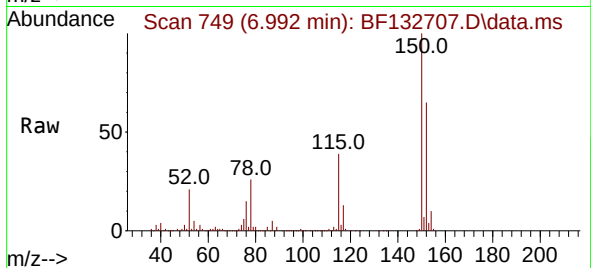
Quant Time: Mar 09 04:02:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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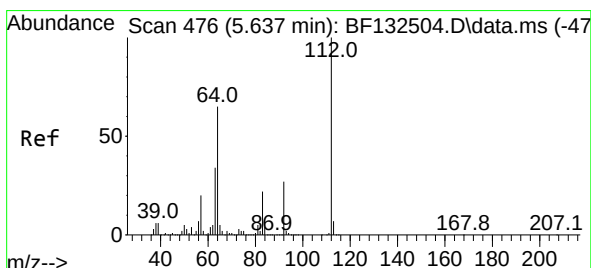
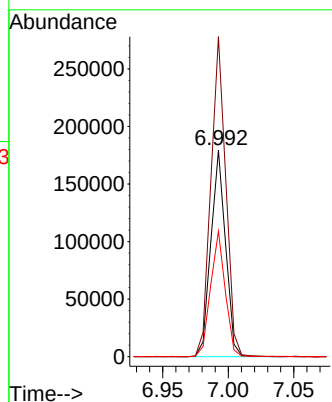
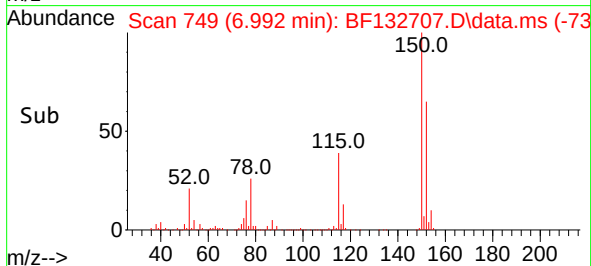


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.992 min Scan# 710
Delta R.T. -0.001 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

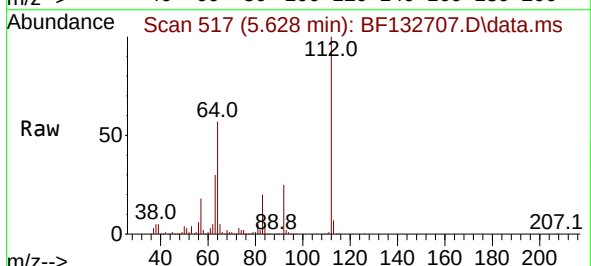
Instrument :
BNA_F
ClientSampleId :
SS-04-20230306



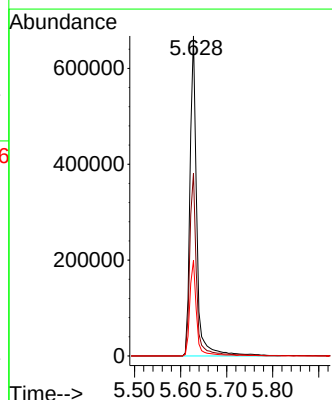
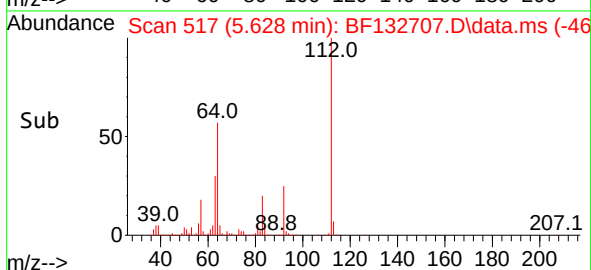
Tgt Ion:152 Resp: 140266
Ion Ratio Lower Upper
152 100
150 154.9 125.4 188.2
115 60.8 47.8 71.6

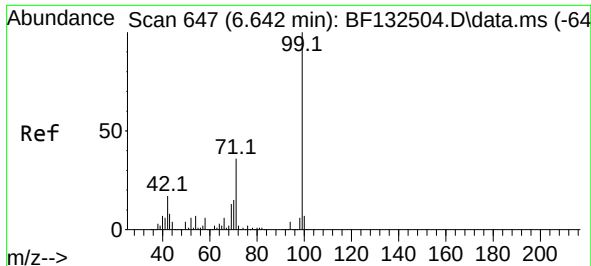


#5
2-Fluorophenol
Concen: 78.682 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13



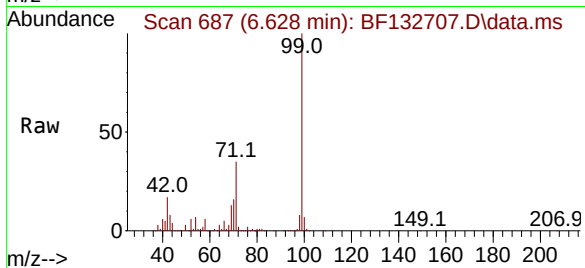
Tgt Ion:112 Resp: 680014
Ion Ratio Lower Upper
112 100
64 57.1 51.6 77.4
63 29.8 27.4 41.2



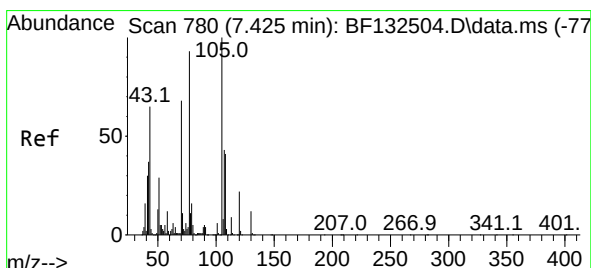
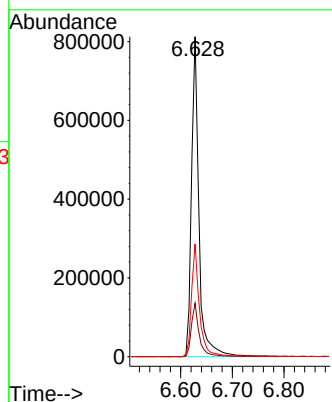
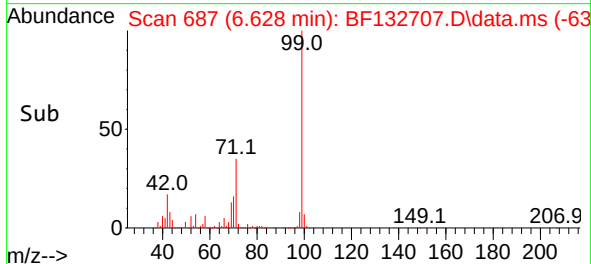


#7
Phenol-d6
Concen: 72.186 ng
RT: 6.628 min Scan# 61
Delta R.T. 0.006 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

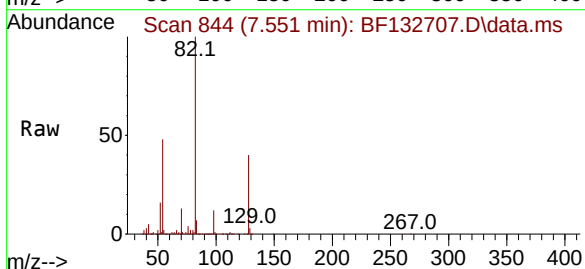
Instrument :
BNA_F
ClientSampleId :
SS-04-20230306



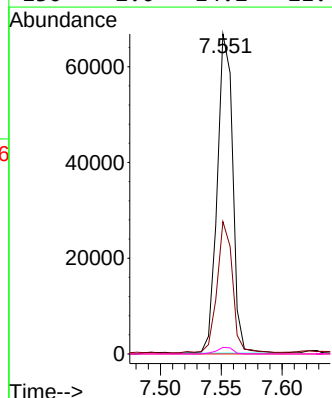
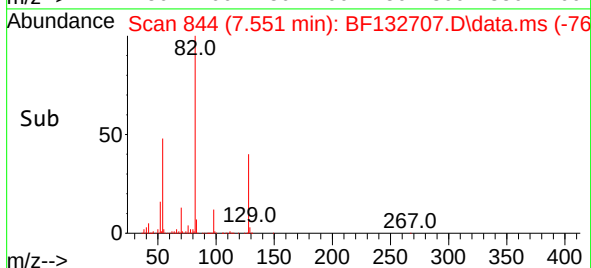
Tgt Ion: 99 Resp: 814209
Ion Ratio Lower Upper
99 100
42 16.7 13.9 20.9
71 35.2 28.5 42.7

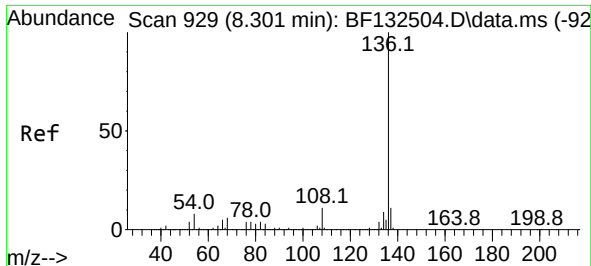


#19
n-Nitroso-di-n-propylamine
Concen: 8.503 ng
RT: 7.551 min Scan# 844
Delta R.T. 0.147 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13



Tgt Ion: 70 Resp: 59025
Ion Ratio Lower Upper
70 100
42 41.3 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

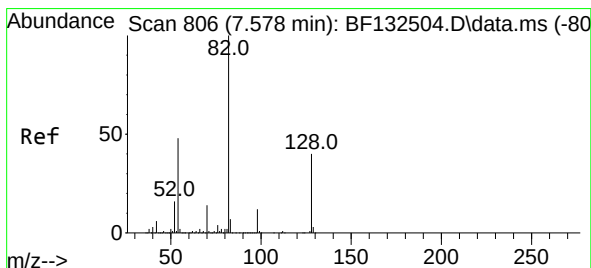
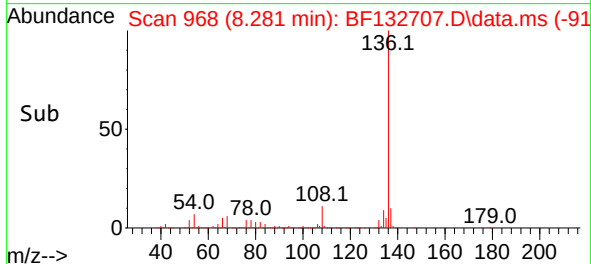
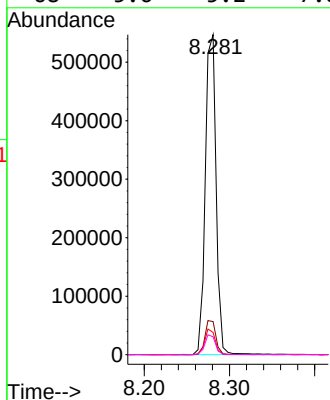
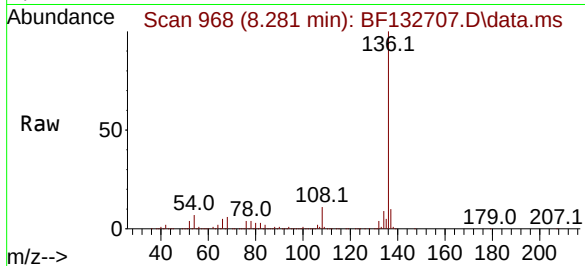




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.281 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

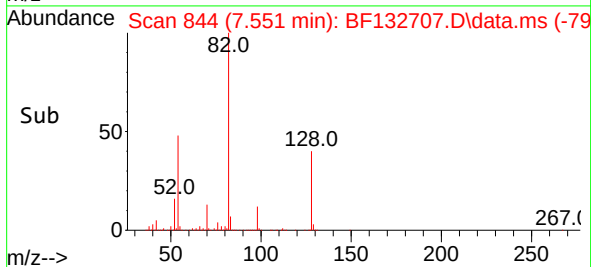
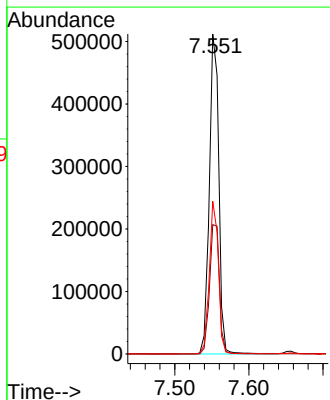
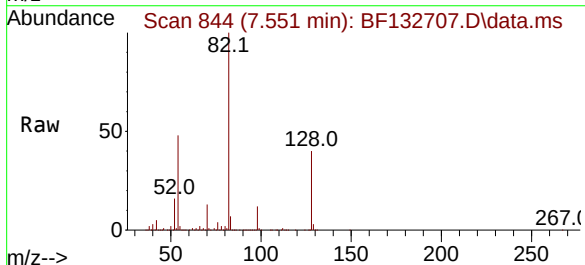
Instrument :
BNA_F
ClientSampleId :
SS-04-20230306

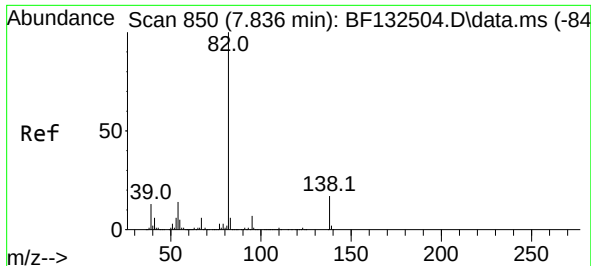
Tgt Ion:136 Resp: 482513
Ion Ratio Lower Upper
136 100
137 10.4 8.9 13.3
54 6.9 6.2 9.4
68 5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 44.753 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

Tgt Ion: 82 Resp: 455143
Ion Ratio Lower Upper
82 100
128 40.4 32.2 48.2
54 47.7 38.4 57.6

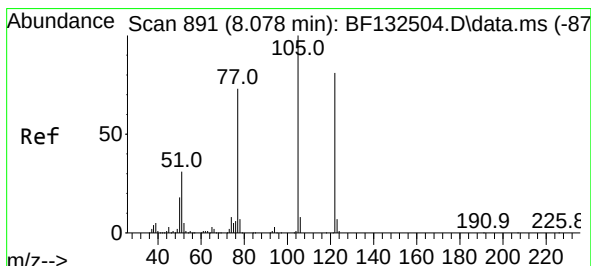
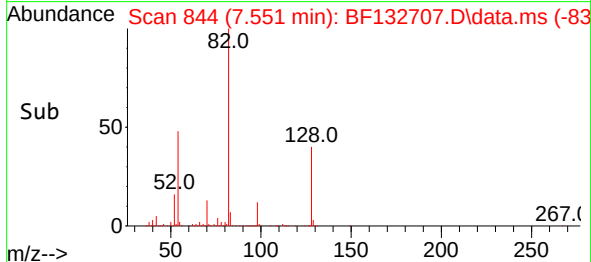
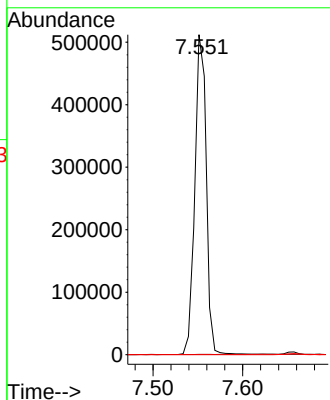
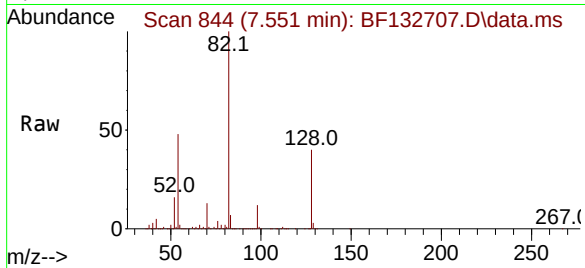




#25
Isophorone
Concen: 23.257 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

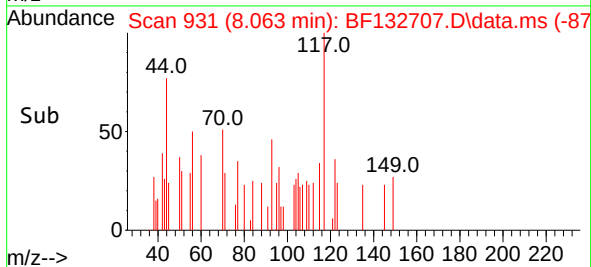
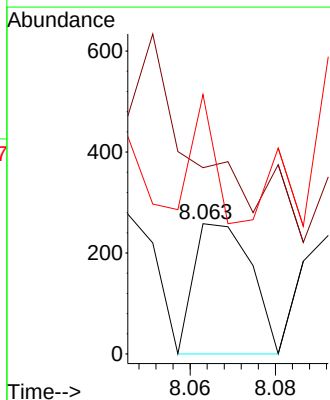
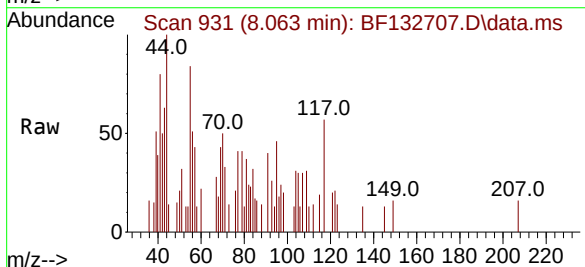
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ClientSampleId :
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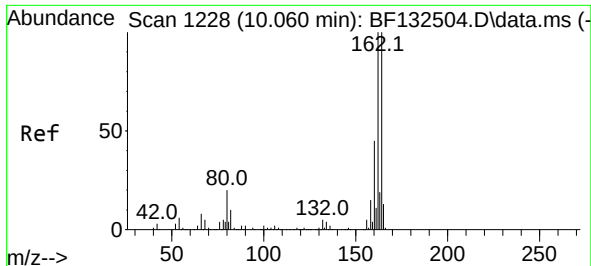
Tgt Ion: 82 Resp: 453471
Ion Ratio Lower Upper
82 100
95 0.1 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.873 ng
RT: 8.063 min Scan# 931
Delta R.T. 0.006 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

Tgt Ion: 122 Resp: 242
Ion Ratio Lower Upper
122 100
105 143.0 102.6 142.6#
77 199.2 70.2 110.2#

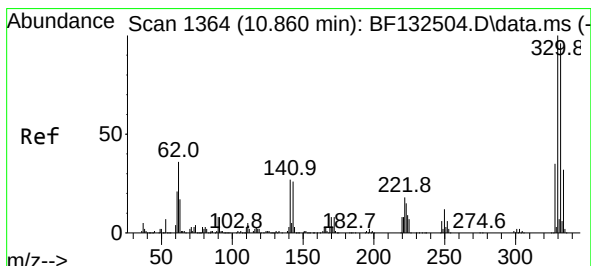
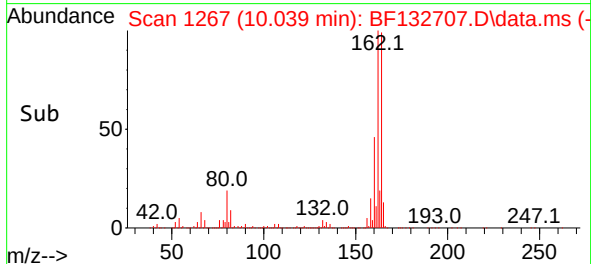
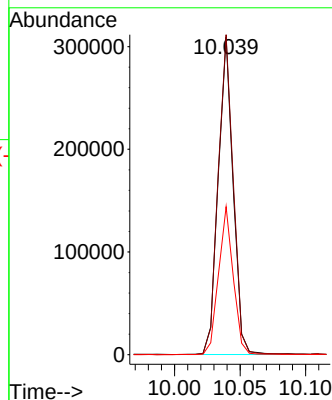
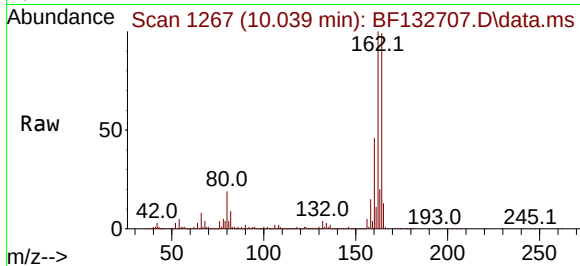




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

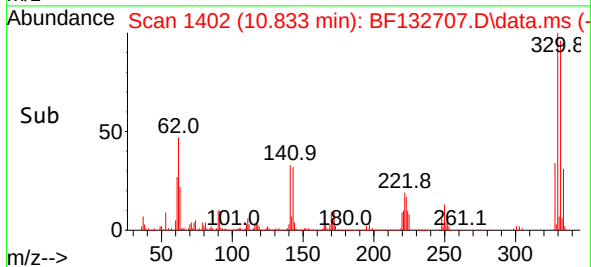
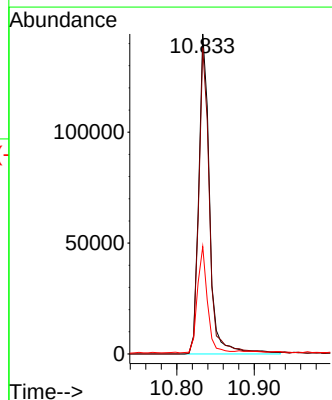
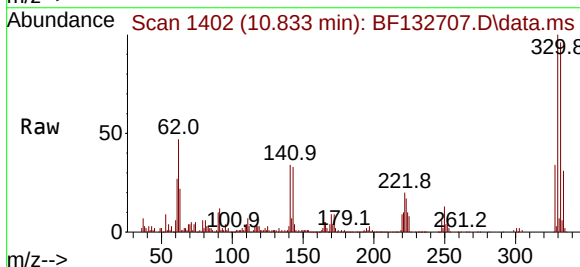
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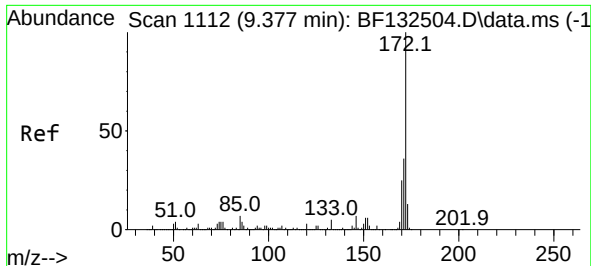
Tgt Ion:164 Resp: 243502
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 46.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 53.248 ng
RT: 10.833 min Scan# 1402
Delta R.T. -0.000 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

Tgt Ion:330 Resp: 140027
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 30.9 28.4 42.6

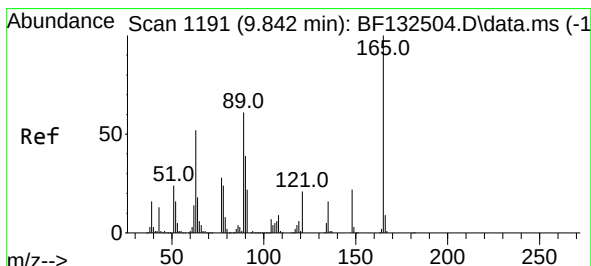
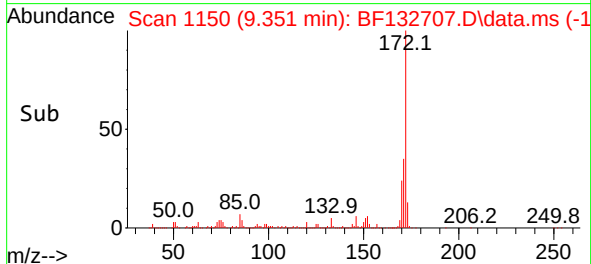
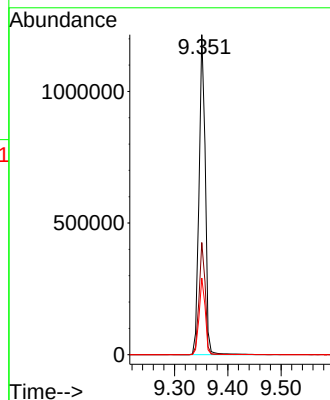
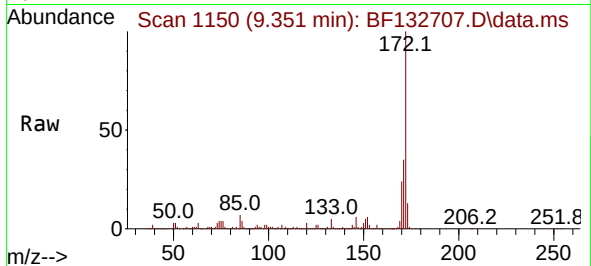




#45
2-Fluorobiphenyl
Concen: 62.006 ng
RT: 9.351 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

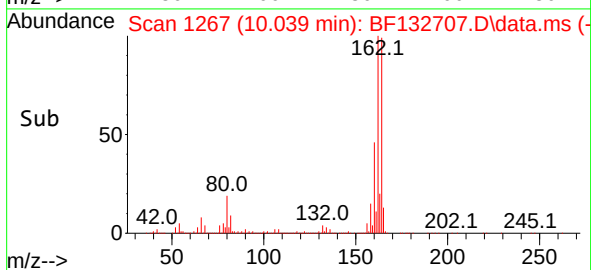
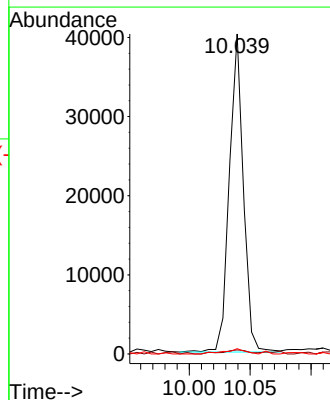
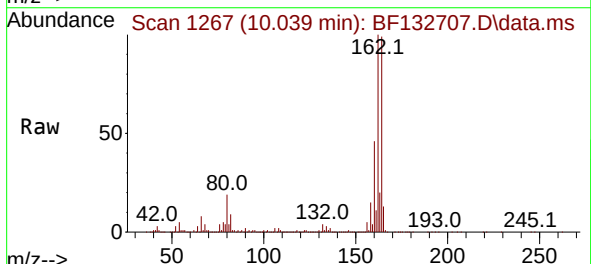
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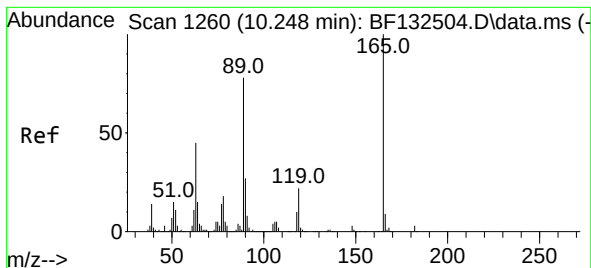
Tgt Ion:172 Resp: 991584
Ion Ratio Lower Upper
172 100
171 35.1 28.8 43.2
170 24.0 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.984 ng
RT: 10.039 min Scan# 1267
Delta R.T. 0.218 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

Tgt Ion:165 Resp: 32236
Ion Ratio Lower Upper
165 100
63 1.3 47.3 70.9#
89 1.7 48.9 73.3#

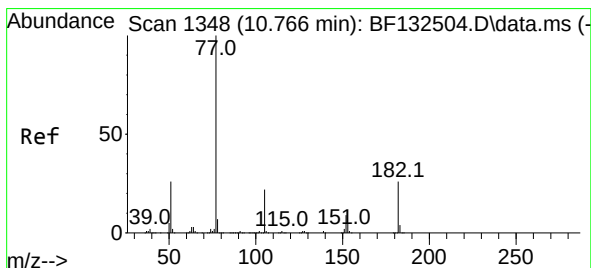
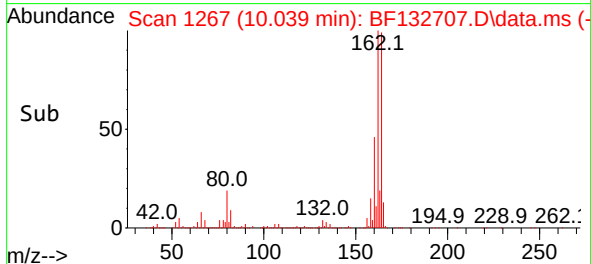
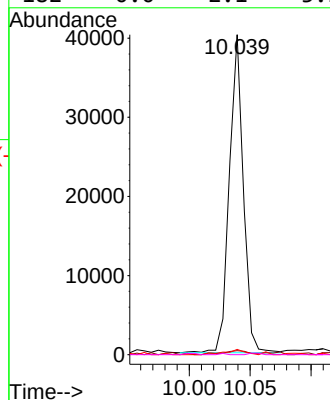
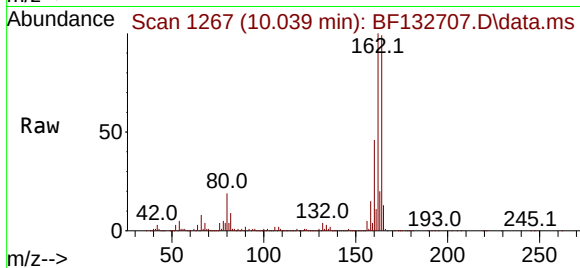




#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

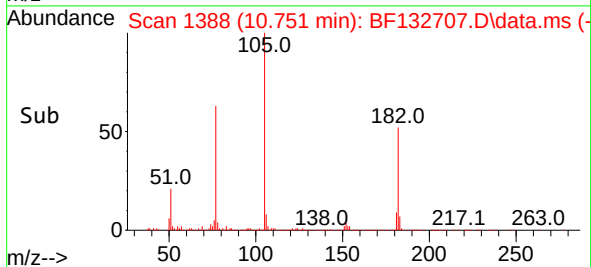
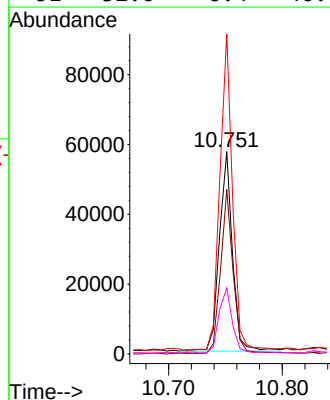
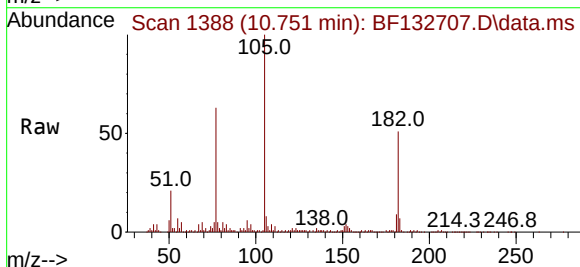
Instrument :
BNA_F
ClientSampleId :
SS-04-20230306

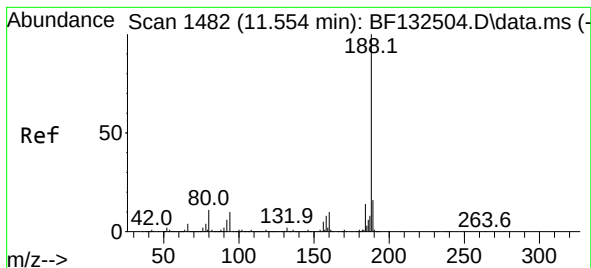
Tgt Ion:165 Resp: 32236
Ion Ratio Lower Upper
165 100
63 1.3 36.5 54.7#
89 1.7 62.4 93.6#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.528 ng
RT: 10.751 min Scan# 1388
Delta R.T. 0.012 min
Lab File: BF132707.D
Acq: 09 Mar 2023 00:13

Tgt Ion: 77 Resp: 46354
Ion Ratio Lower Upper
77 100
182 81.3 5.5 45.5#
105 158.1 1.8 41.8#
51 32.6 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.533 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

Instrument :

BNA_F

ClientSampleId :

SS-04-20230306

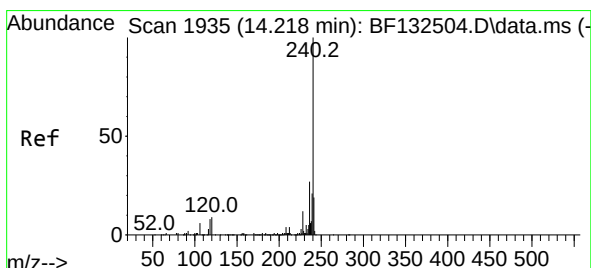
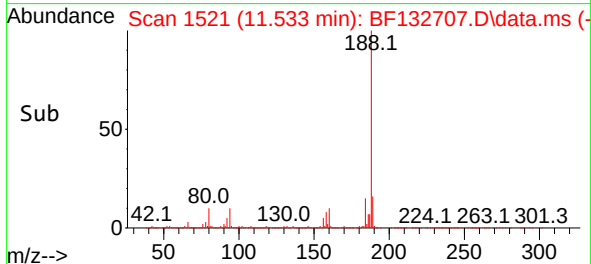
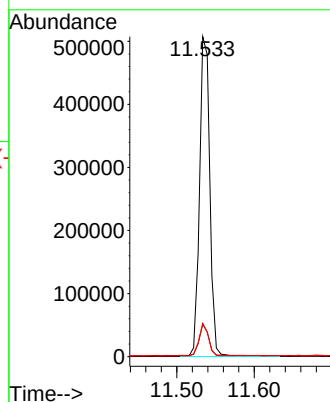
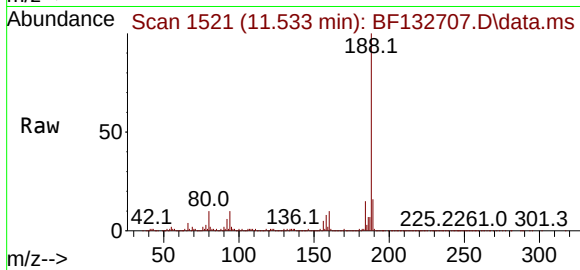
Tgt Ion:188 Resp: 466918

Ion Ratio Lower Upper

188 100

94 10.2 8.3 12.5

80 10.4 8.7 13.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.198 min Scan# 1974

Delta R.T. -0.000 min

Lab File: BF132707.D

Acq: 09 Mar 2023 00:13

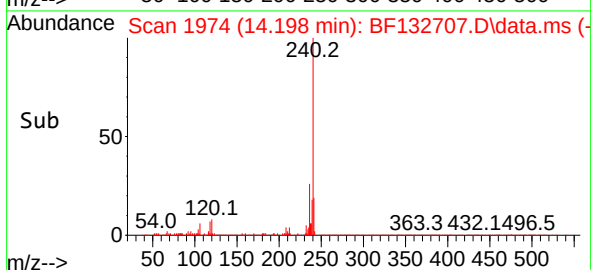
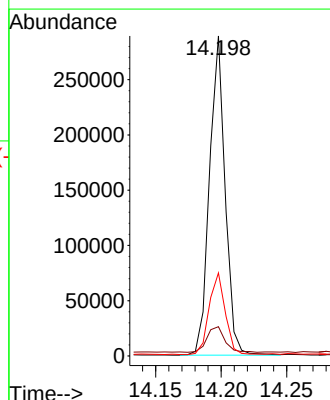
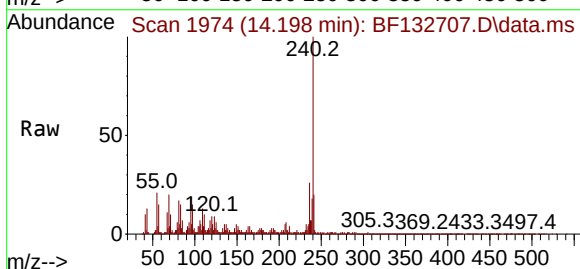
Tgt Ion:240 Resp: 240628

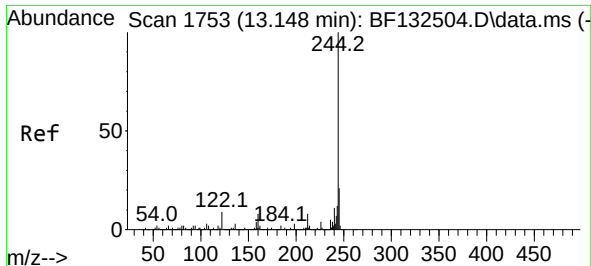
Ion Ratio Lower Upper

240 100

120 9.2 7.2 10.8

236 26.0 21.8 32.6

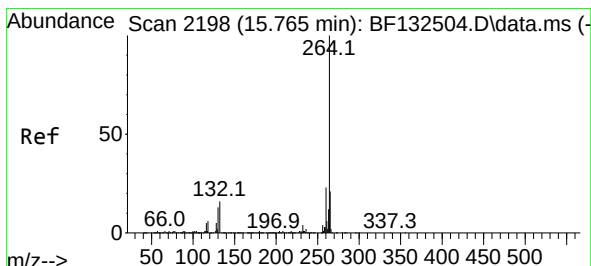
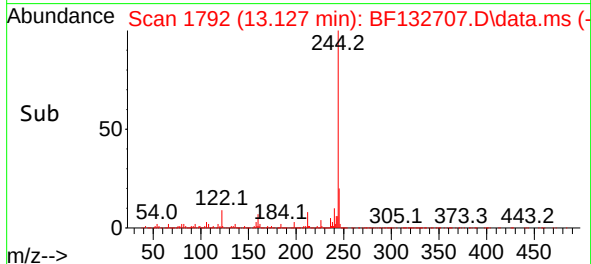
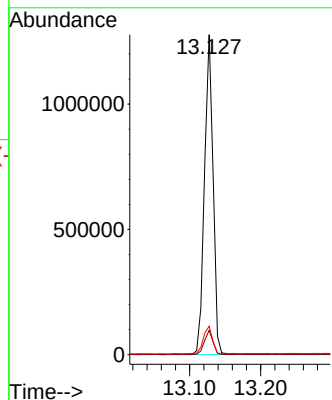
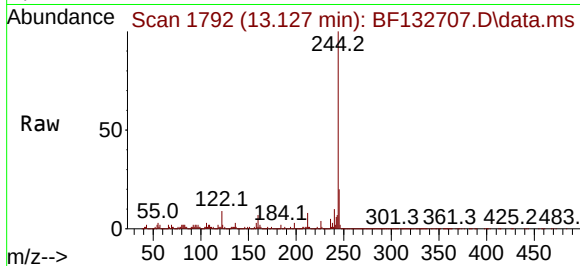




#79
 Terphenyl-d14
 Concen: 75.787 ng
 RT: 13.127 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132707.D
 Acq: 09 Mar 2023 00:13

Instrument :
 BNA_F
 ClientSampleId :
 SS-04-20230306

Tgt Ion:244 Resp: 1078603
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.9 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 2238
 Delta R.T. 0.012 min
 Lab File: BF132707.D
 Acq: 09 Mar 2023 00:13

Tgt Ion:264 Resp: 210481
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.8 28.2
 265 22.1 17.1 25.7

