

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050922\
 Data File : BF128154.D
 Acq On : 09 May 2022 17:50
 Operator : CG\JU
 Sample : N2741-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP01

Quant Time: May 10 02:24:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

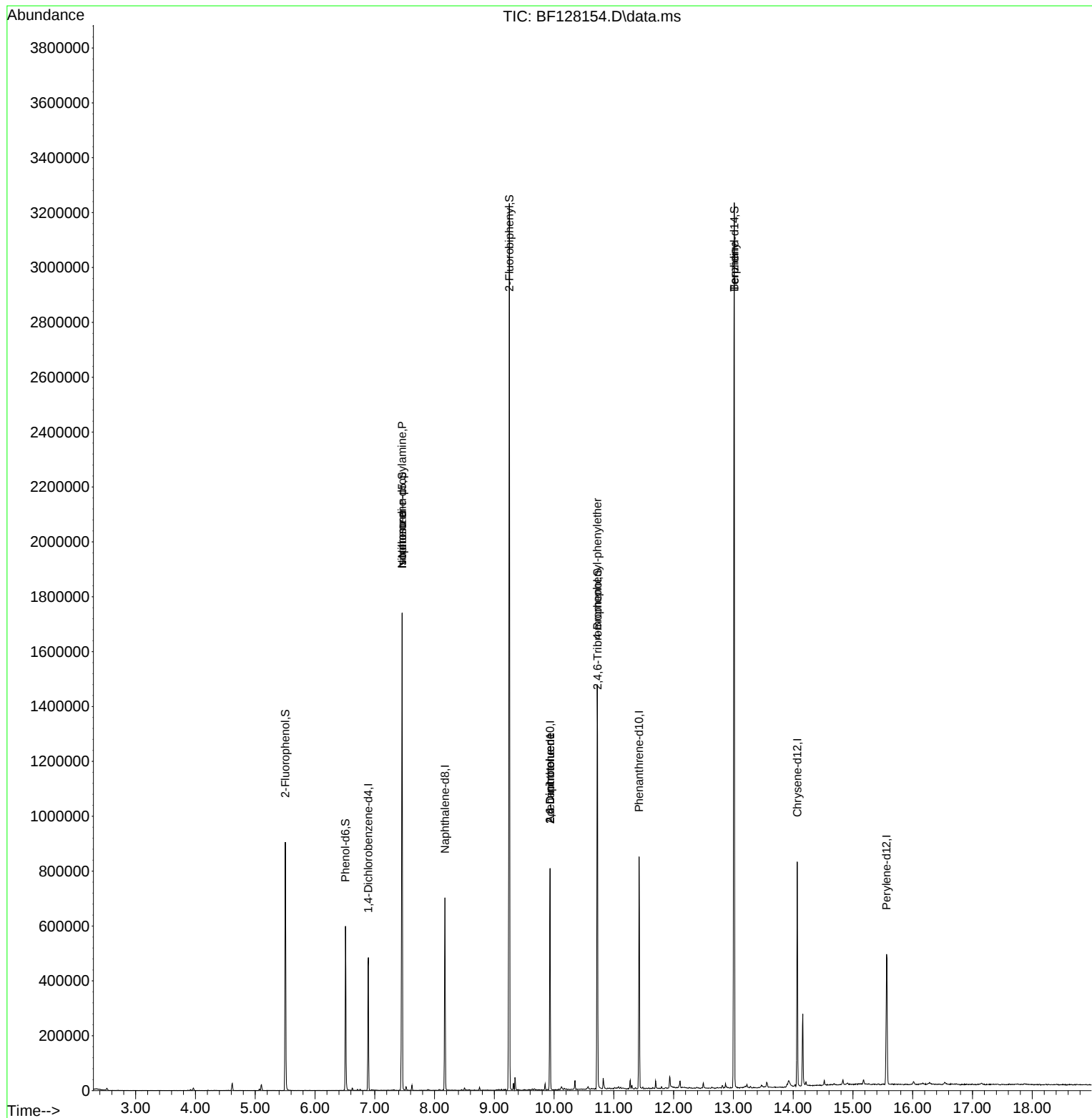
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	67143	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	266458	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	155449	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	297539	20.000	ng	0.00
76) Chrysene-d12	14.068	240	258498	20.000	ng	-0.01
86) Perylene-d12	15.563	264	219344	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	210679	50.020	ng	-0.01
7) Phenol-d6	6.510	99	170861	30.670	ng	-0.02
23) Nitrobenzene-d5	7.457	82	563295	95.123	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	177799	99.730	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	943315	94.951	ng	0.00
79) Terphenyl-d14	13.016	244	1141481	82.859	ng	0.00
Target Compounds						
9) Benzaldehyde	6.445	77	59	Below Cal	Qvalue	# 38
19) n-Nitroso-di-n-propyla...	7.457	70	76067	22.173	ng	# 81
25) Isophorone	7.457	82	562424	60.581	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	19818	9.006	ng	# 22
57) 2,4-Dinitrotoluene	9.933	165	19818	6.735	ng	# 26
67) 4-Bromophenyl-phenylether	10.722	248	10621	3.318	ng	# 1
77) Benizidine	13.016	184	16795	3.000	ng	# 94

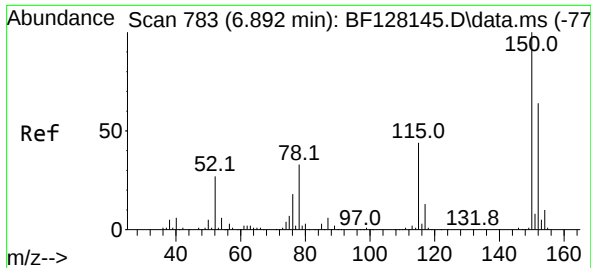
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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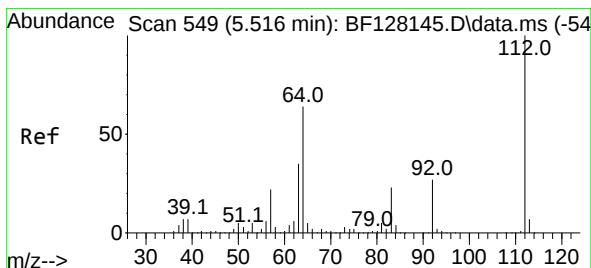
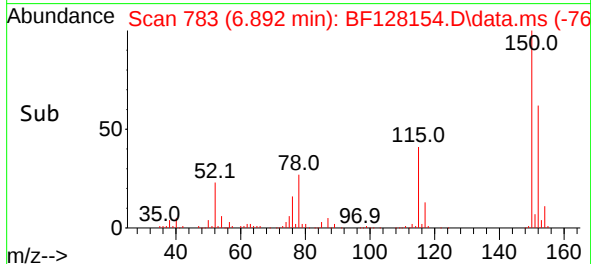
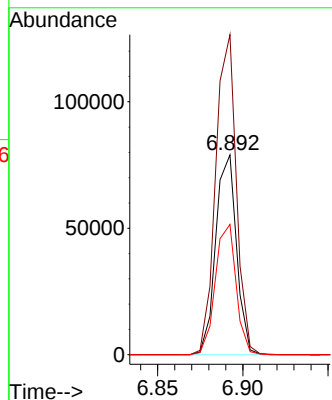
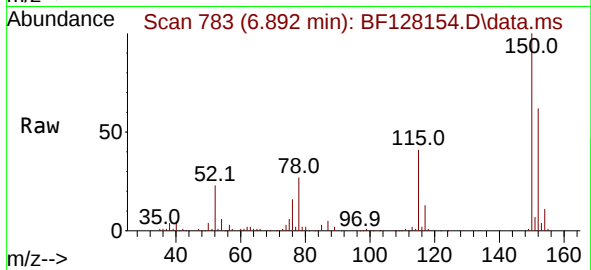




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128154.D
 Acq: 09 May 2022 17:50

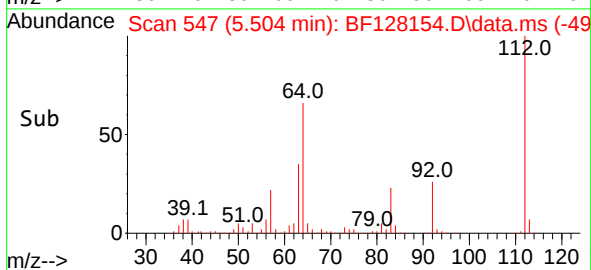
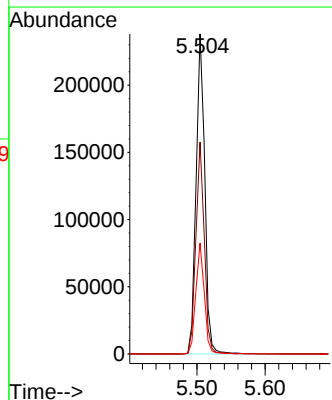
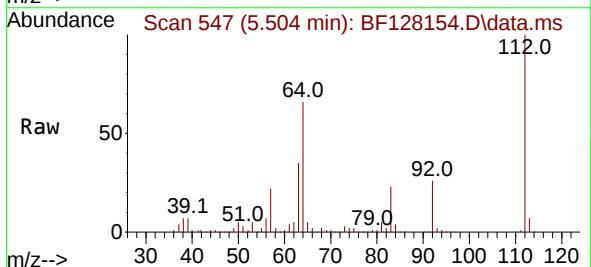
Instrument :
 BNA_F
 ClientSampleId :
 TWP01

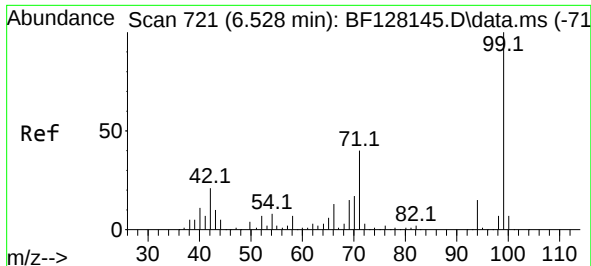
Tgt Ion:152 Resp: 67143
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.3 187.9
 115 65.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 50.020 ng
 RT: 5.504 min Scan# 547
 Delta R.T. -0.012 min
 Lab File: BF128154.D
 Acq: 09 May 2022 17:50

Tgt Ion:112 Resp: 210679
 Ion Ratio Lower Upper
 112 100
 64 66.2 49.5 74.3
 63 34.7 26.3 39.5

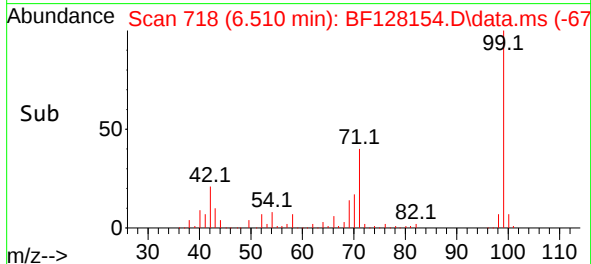
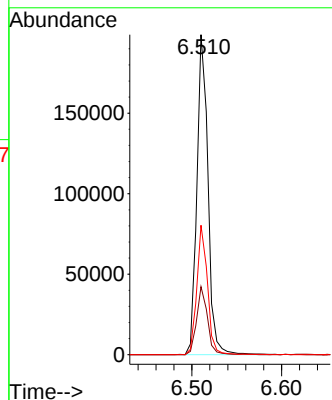
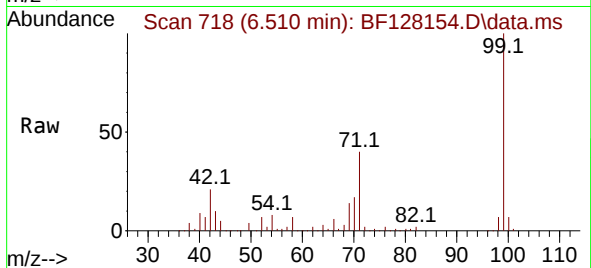




#7
Phenol-d6
Concen: 30.670 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

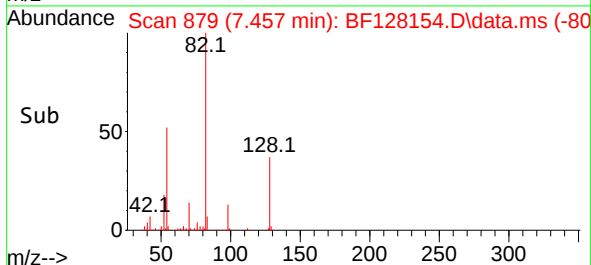
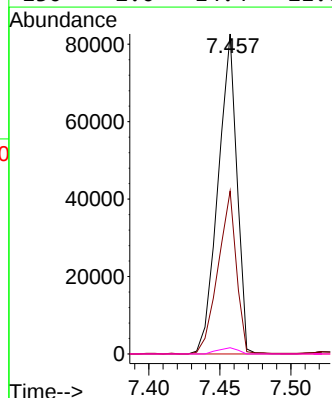
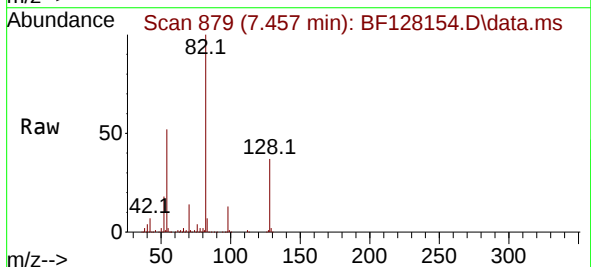
Instrument :
BNA_F
ClientSampleId :
TWP01

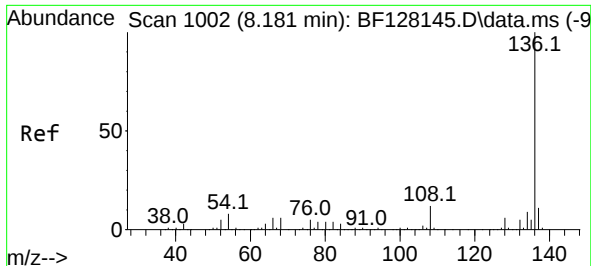
Tgt Ion: 99 Resp: 170861
Ion Ratio Lower Upper
99 100
42 21.3 16.6 24.8
71 40.4 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 22.173 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

Tgt Ion: 70 Resp: 76067
Ion Ratio Lower Upper
70 100
42 50.9 48.7 73.1
101 0.0 7.2 10.8#
130 2.0 14.4 21.6#



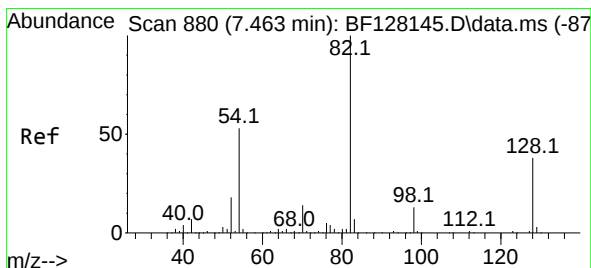
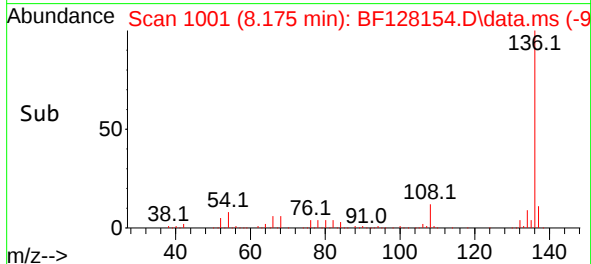
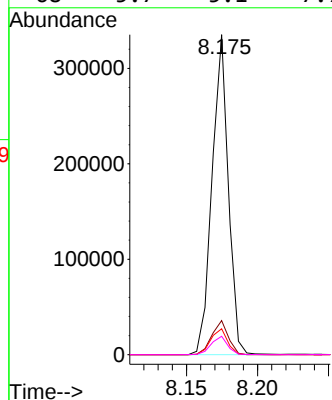
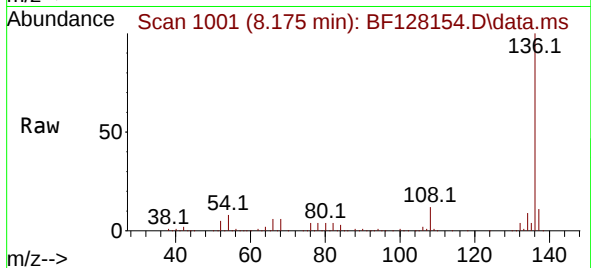


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

Instrument :
BNA_F
ClientSampleId :
TWP01

Tgt Ion:136 Resp: 266458

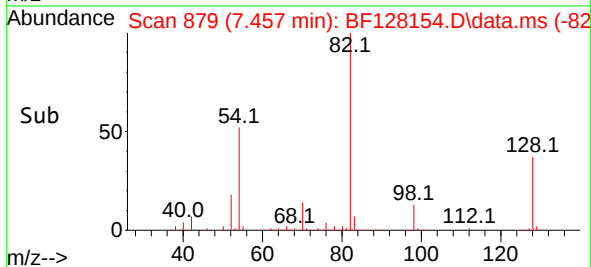
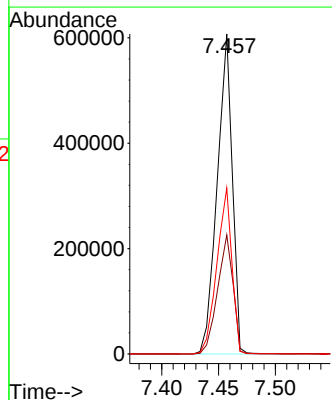
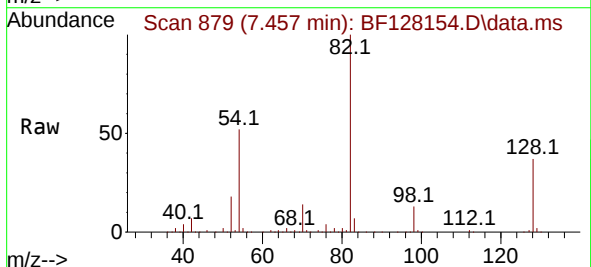
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	6.8	10.2
68	5.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 95.123 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

Tgt Ion: 82 Resp: 563295

Ion	Ratio	Lower	Upper
82	100		
128	37.2	30.0	45.0
54	51.9	41.3	61.9

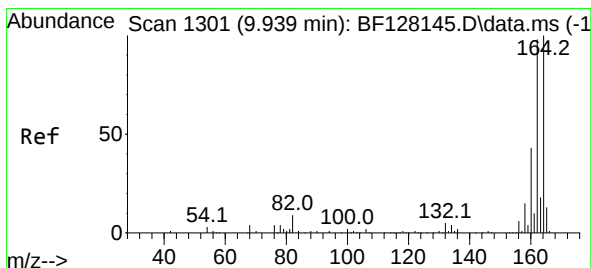
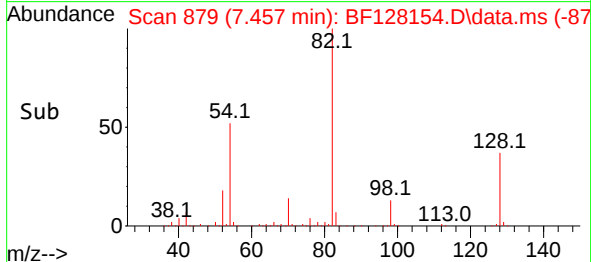
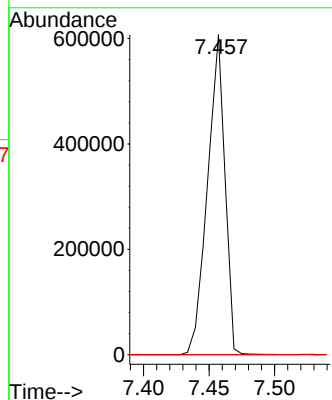
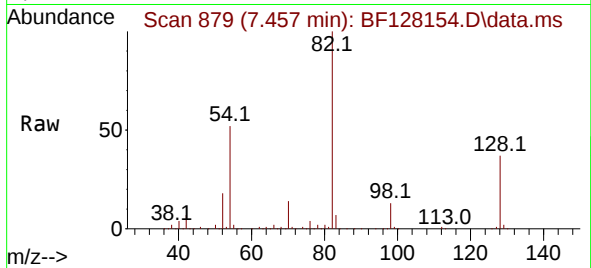




#25
Isophorone
Concen: 60.581 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

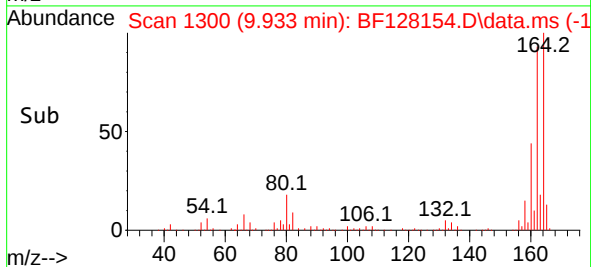
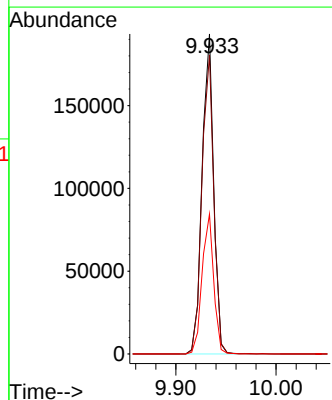
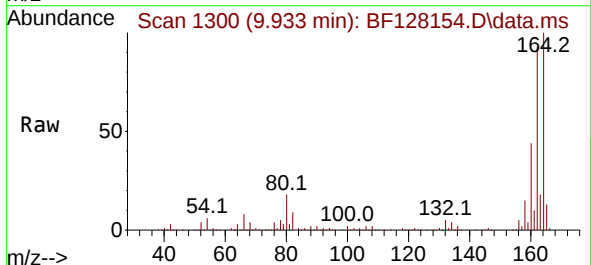
Instrument :
BNA_F
ClientSampleId :
TWP01

Tgt Ion: 82 Resp: 562424
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

Tgt Ion:164 Resp: 155449
Ion Ratio Lower Upper
164 100
162 93.4 76.0 114.0
160 43.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 99.730 ng

RT: 10.728 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128154.D

Acq: 09 May 2022 17:50

Instrument :

BNA_F

ClientSampleId :

TWP01

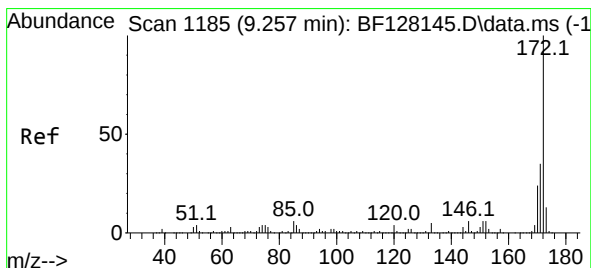
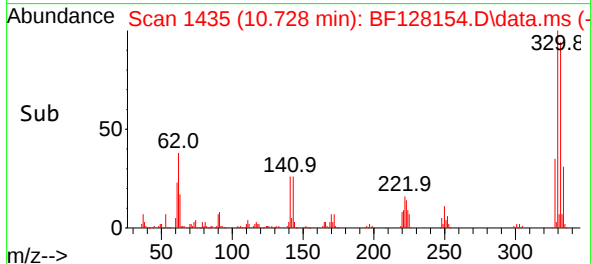
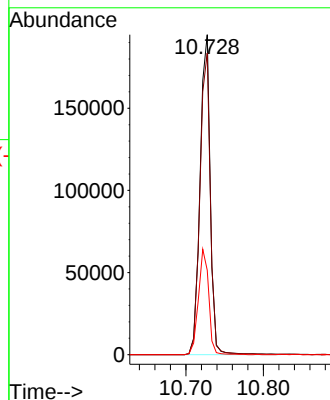
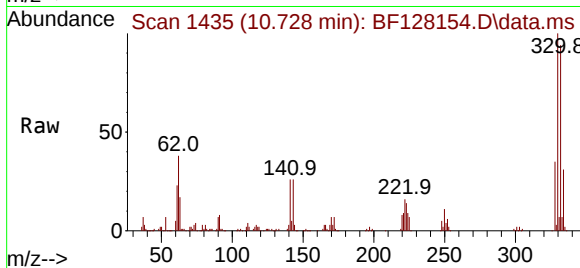
Tgt Ion:330 Resp: 177799

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 33.2 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 94.951 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128154.D

Acq: 09 May 2022 17:50

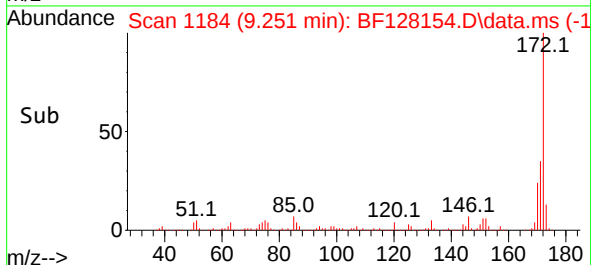
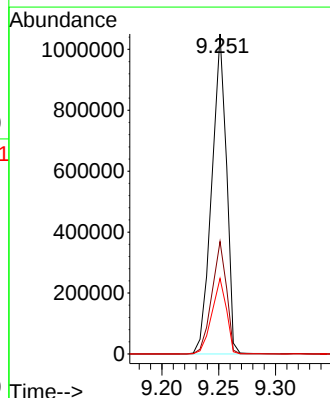
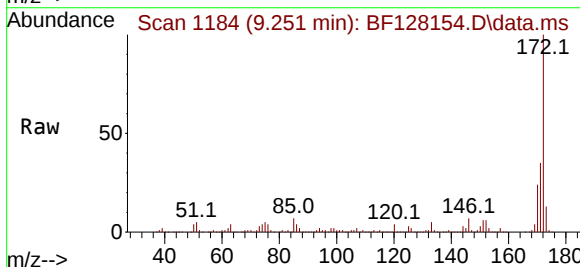
Tgt Ion:172 Resp: 943315

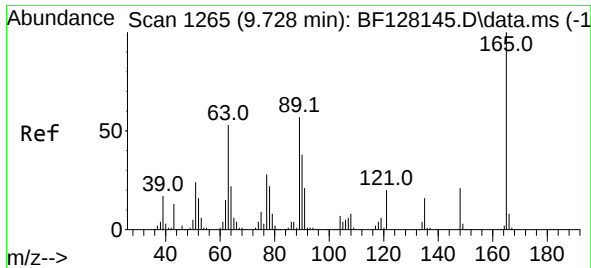
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.6 19.1 28.7

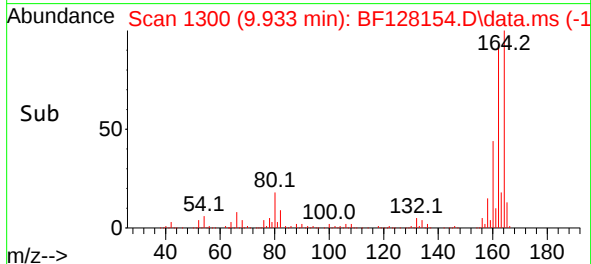
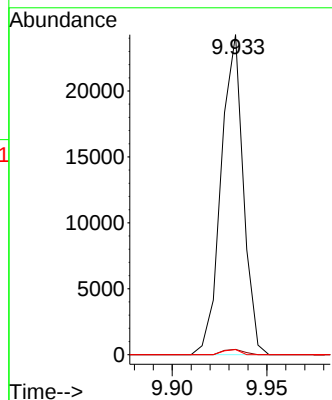
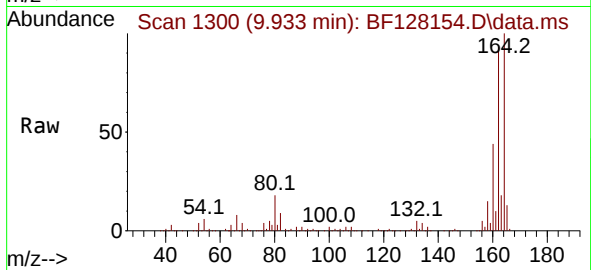




#51
2,6-Dinitrotoluene
Concen: 9.006 ng
RT: 9.933 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

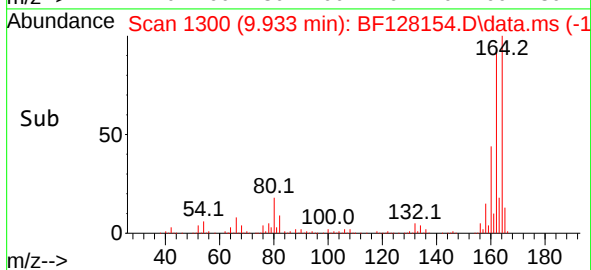
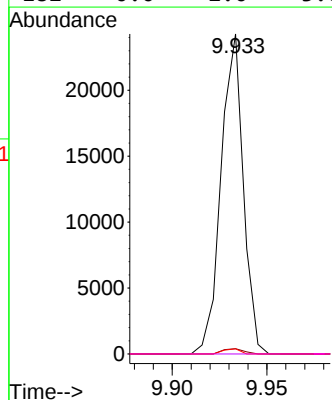
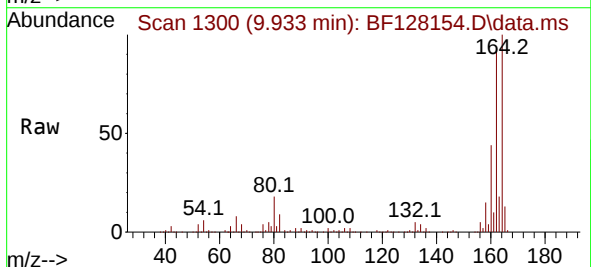
Instrument :
BNA_F
ClientSampleId :
TWP01

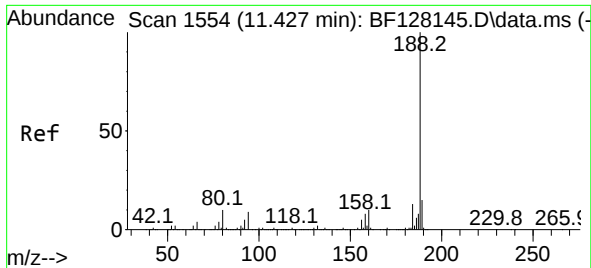
Tgt Ion:165 Resp: 19818
Ion Ratio Lower Upper
165 100
63 1.6 49.5 74.3#
89 1.6 49.0 73.4#



#57
2,4-Dinitrotoluene
Concen: 6.735 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.200 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

Tgt Ion:165 Resp: 19818
Ion Ratio Lower Upper
165 100
63 1.6 32.6 49.0#
89 1.6 55.2 82.8#
182 0.0 2.0 3.0#

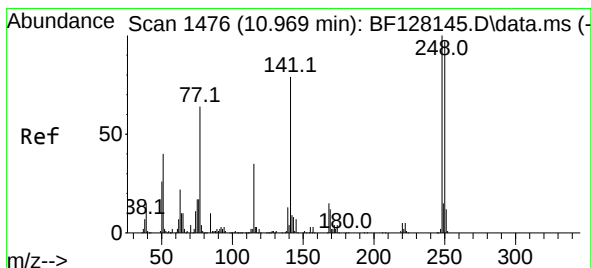
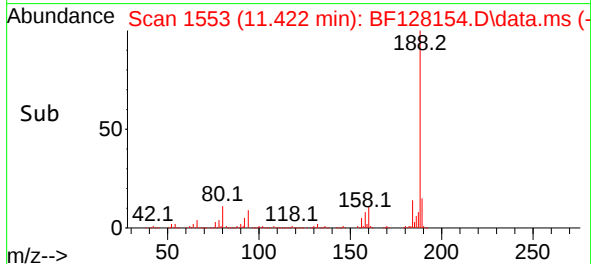
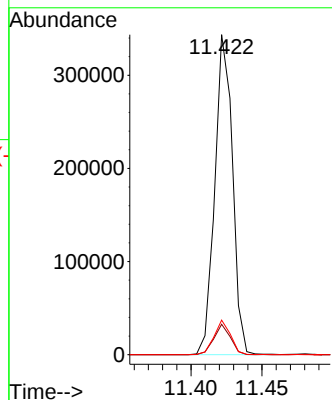
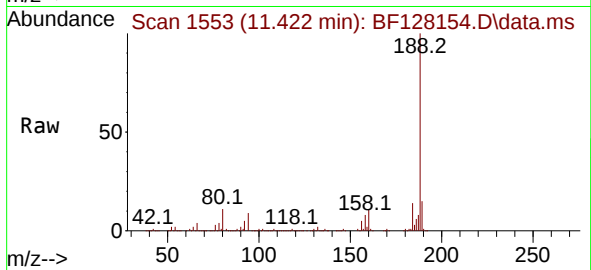




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

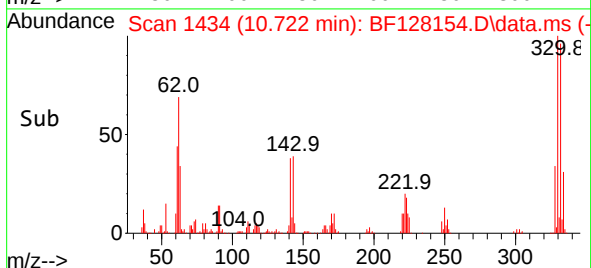
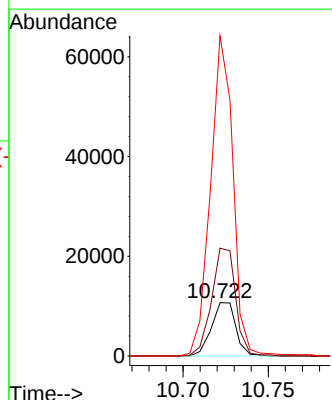
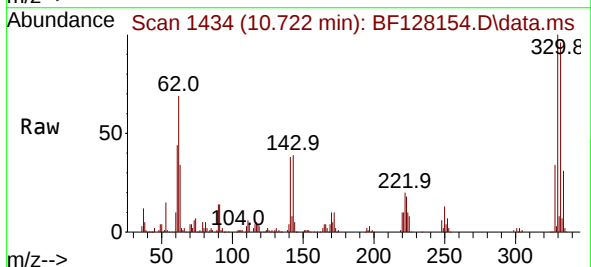
Instrument :
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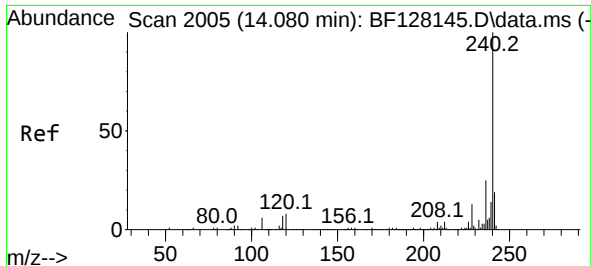
Tgt Ion:188 Resp: 297539
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 10.8 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.318 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

Tgt Ion:248 Resp: 10621
Ion Ratio Lower Upper
248 100
250 202.5 77.7 116.5#
141 600.5 65.6 98.4#

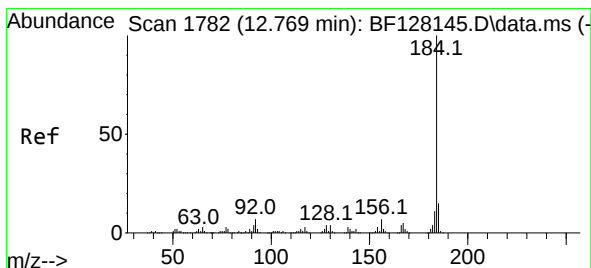
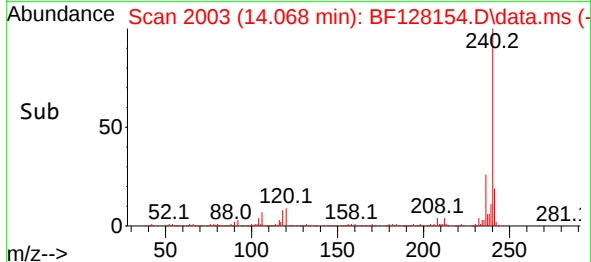
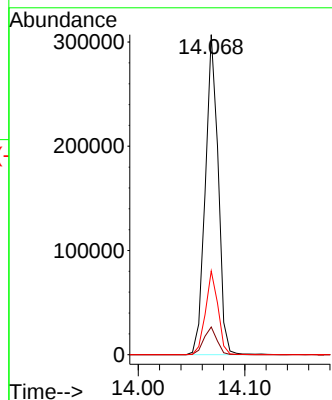
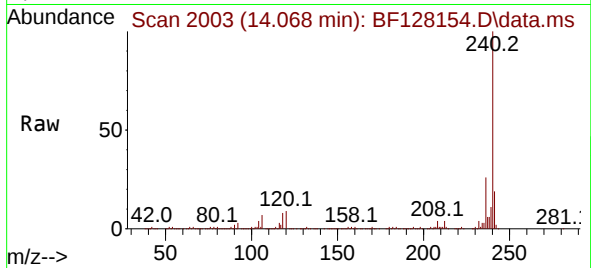




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

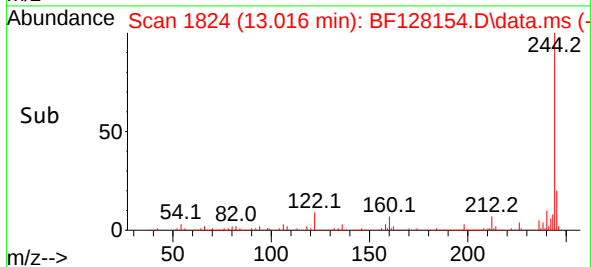
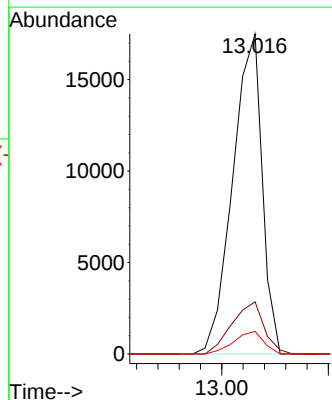
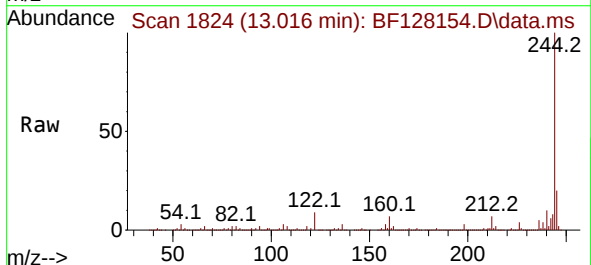
Instrument :
BNA_F
ClientSampleId :
TWP01

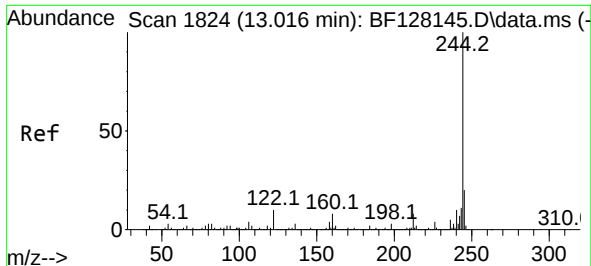
Tgt Ion:240 Resp: 258498
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 26.2 20.3 30.5



#77
Benzidine
Concen: 3.000 ng
RT: 13.016 min Scan# 1824
Delta R.T. 0.247 min
Lab File: BF128154.D
Acq: 09 May 2022 17:50

Tgt Ion:184 Resp: 16795
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 7.1 9.0 13.4#

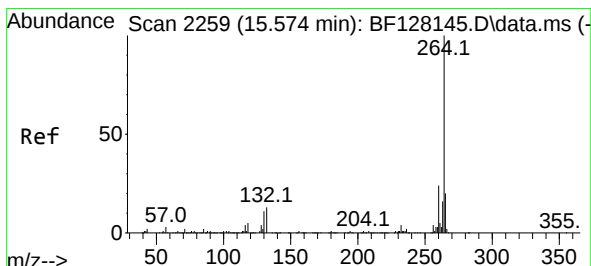
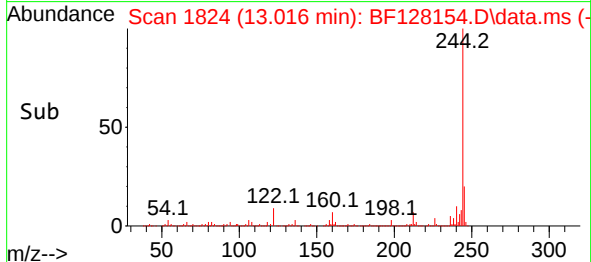
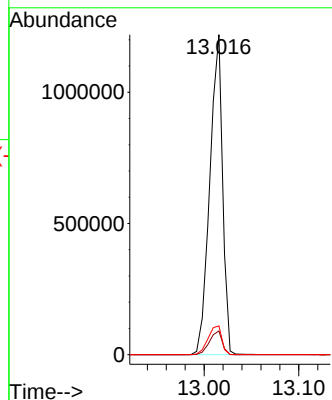
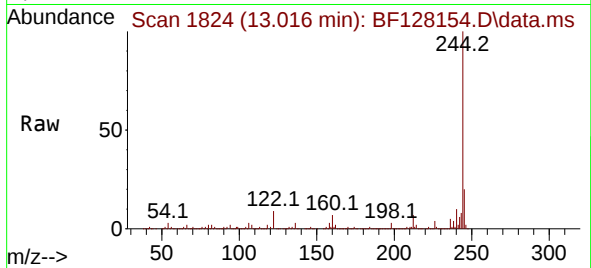




#79
 Terphenyl-d14
 Concen: 82.859 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128154.D
 Acq: 09 May 2022 17:50

Instrument :
 BNA_F
 ClientSampleId :
 TWP01

Tgt Ion:244 Resp: 1141481
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.4
 122 9.0 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128154.D
 Acq: 09 May 2022 17:50

Tgt Ion:264 Resp: 219344
 Ion Ratio Lower Upper
 264 100
 260 22.8 20.1 30.1
 265 21.7 17.5 26.3

