

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
 Data File : BF123851.D
 Acq On : 6 May 2021 13:17
 Operator : JU/CG
 Sample : M2256-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R2-A-D-COMP

Quant Time: May 06 13:41:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

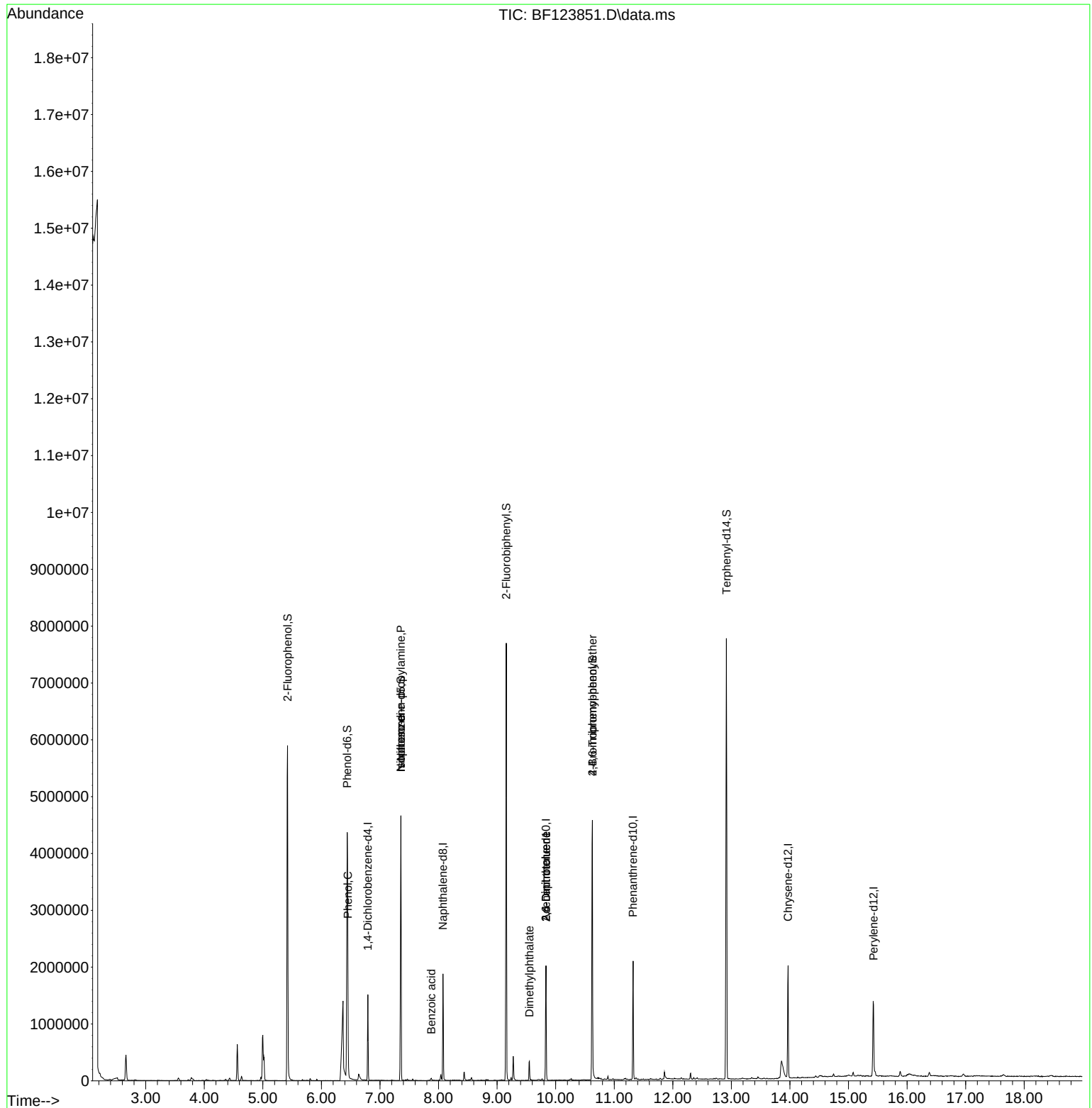
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	180413	20.00	ng	0.00
21) Naphthalene-d8	8.075	136	695351	20.00	ng	0.00
39) Acenaphthene-d10	9.834	164	350624	20.00	ng	0.00
64) Phenanthrene-d10	11.322	188	685962	20.00	ng	0.00
76) Chrysene-d12	13.969	240	683436	20.00	ng	0.00
86) Perylene-d12	15.427	264	615309	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1427833	125.38	ng	0.01
7) Phenol-d6	6.440	99	1759611	112.17	ng	0.00
23) Nitrobenzene-d5	7.357	82	1366198	88.69	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	580929	133.09	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2094281	86.98	ng	0.00
79) Terphenyl-d14	12.916	244	2600715	73.28	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	38066	2.26	ng	# 25
19) n-Nitroso-di-n-propyla...	7.357	70	182576	18.85	ng	# 73
25) Isophorone	7.357	82	1366187	47.30	ng	# 69
32) Benzoic acid	7.875	122	10480	6.71	ng	# 15
50) Dimethylphthalate	9.551	163	127603	5.17	ng	# 98
51) 2,6-Dinitrotoluene	9.834	165	45660	8.00	ng	# 12
57) 2,4-Dinitrotoluene	9.834	165	45660	5.87	ng	# 17
67) 4-Bromophenyl-phenylether	10.628	248	31367	4.34	ng	# 1

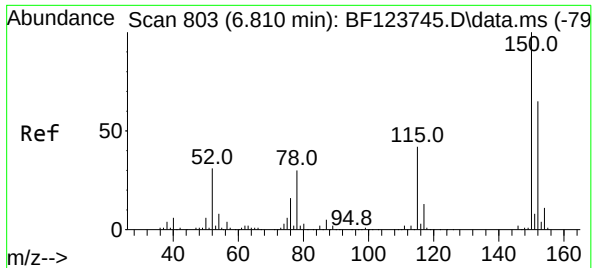
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050621\
Data File : BF123851.D
Acq On : 6 May 2021 13:17
Operator : JU/CG
Sample : M2256-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP

Quant Time: May 06 13:41:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 05 13:09:28 2021
Response via : Initial Calibration

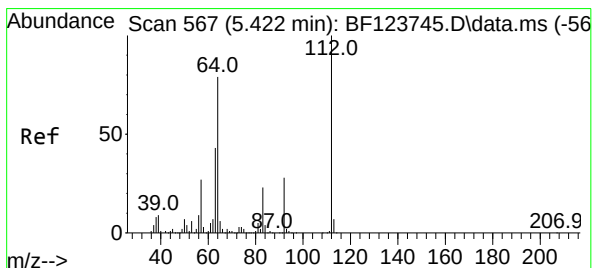
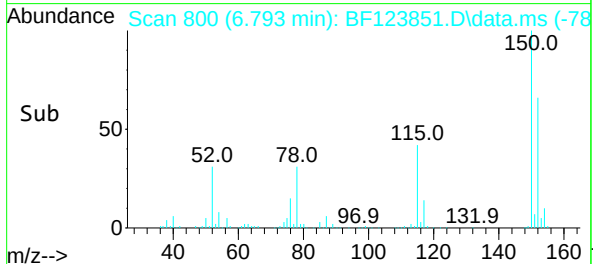
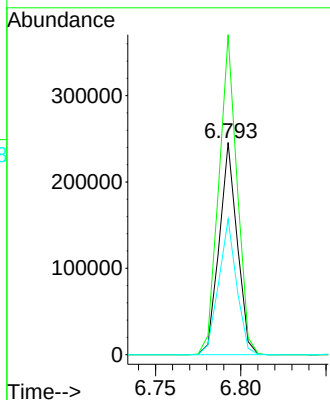
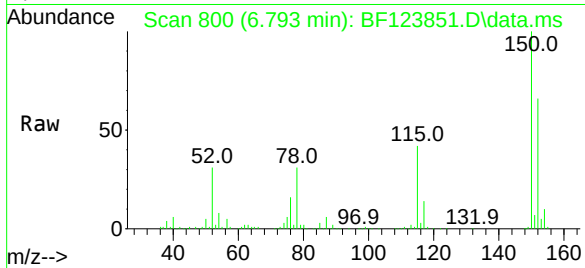




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.793 min Scan# 800
Delta R.T. -0.005 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

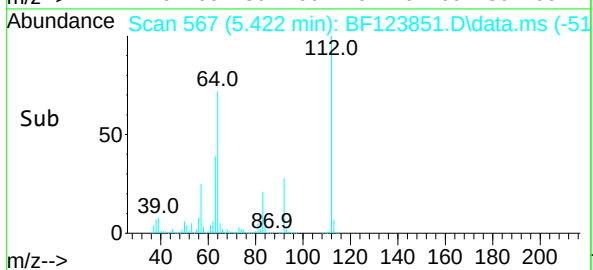
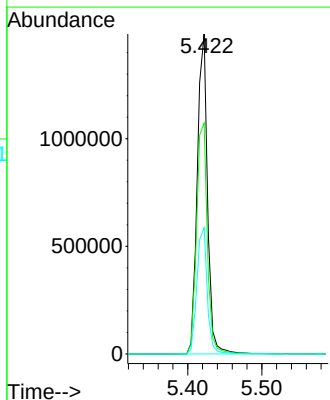
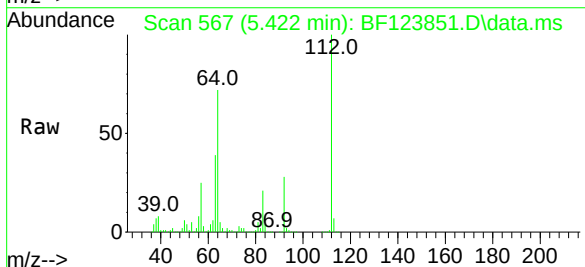
Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP

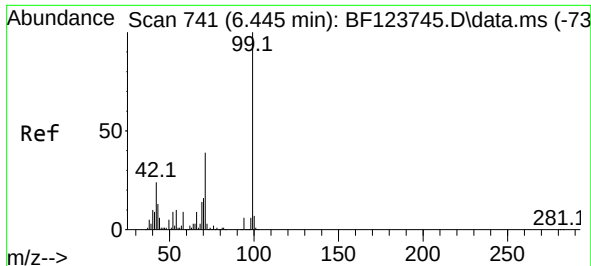
Tgt Ion:152 Resp: 180413
Ion Ratio Lower Upper
152 100
150 150.8 127.0 190.6
115 64.0 54.3 81.5



#5
2-Fluorophenol
Concen: 125.38 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

Tgt Ion:112 Resp: 1427833
Ion Ratio Lower Upper
112 100
64 72.2 61.4 92.0
63 39.5 33.0 49.4

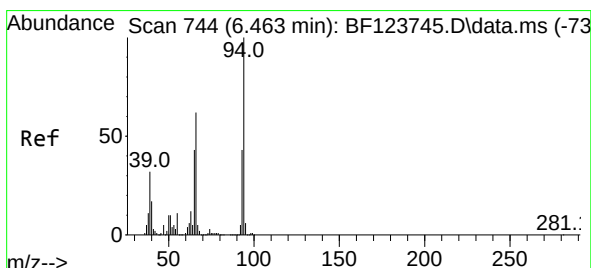
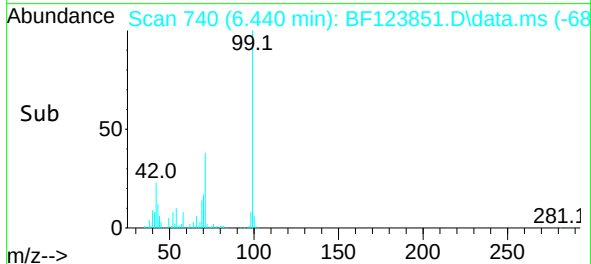
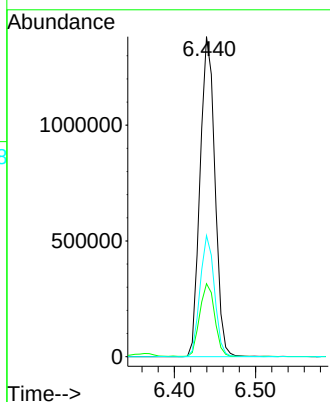
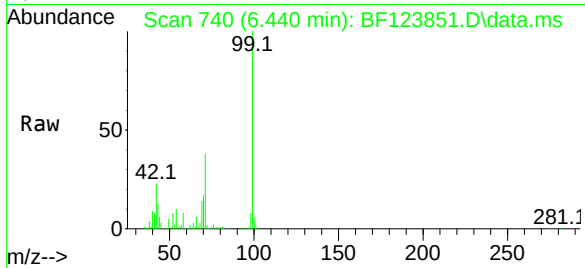




#7
Phenol-d6
Concen: 112.17 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

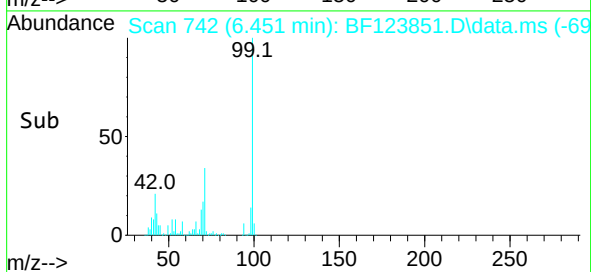
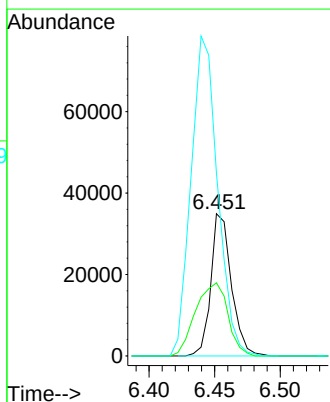
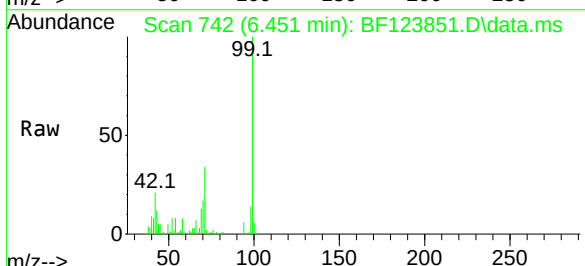
Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP

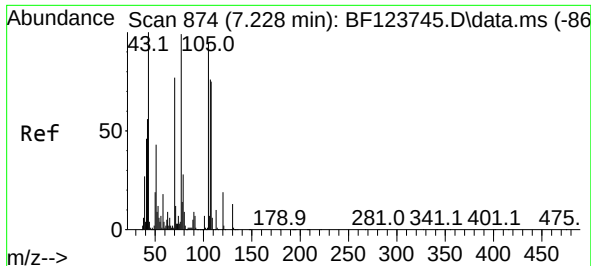
Tgt Ion: 99 Resp: 1759611
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.8
71 37.8 31.1 46.7



#10
Phenol
Concen: 2.26 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

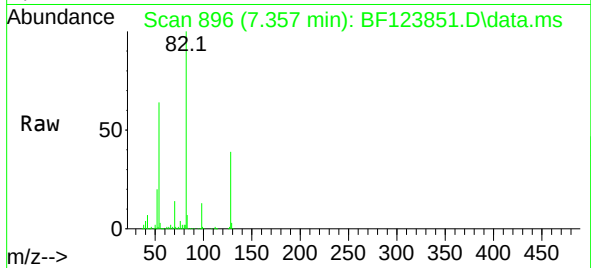
Tgt Ion: 94 Resp: 38066
Ion Ratio Lower Upper
94 100
65 51.5 18.1 58.1
66 128.6 29.0 69.0#





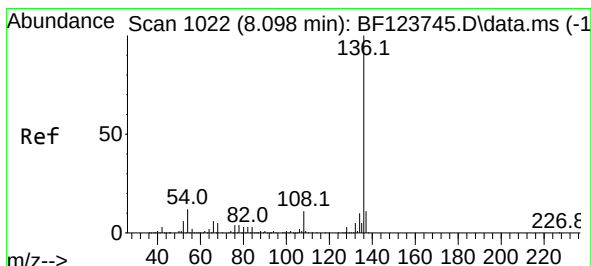
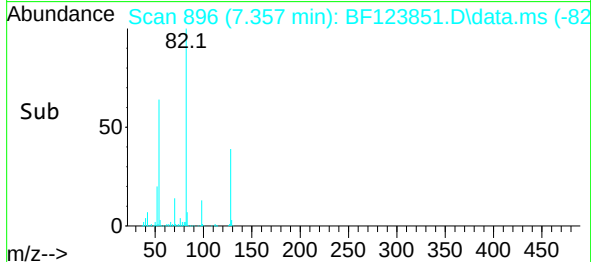
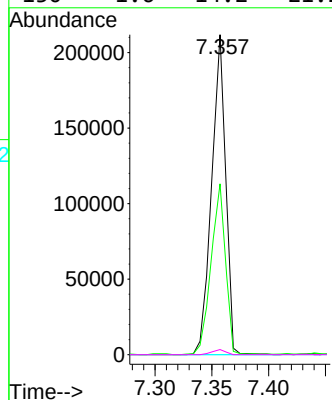
#19
n-Nitroso-di-n-propylamine
Concen: 18.85 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP



Tgt Ion: 70 Resp: 182576

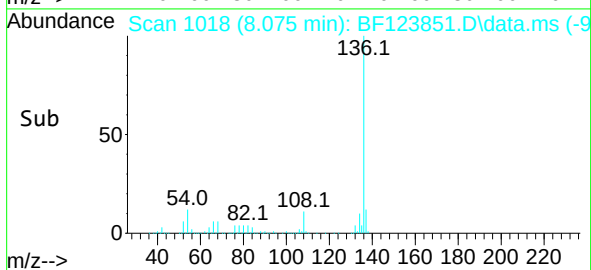
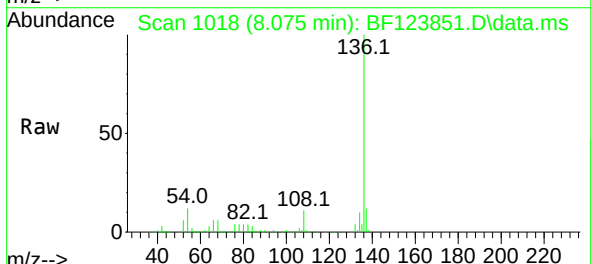
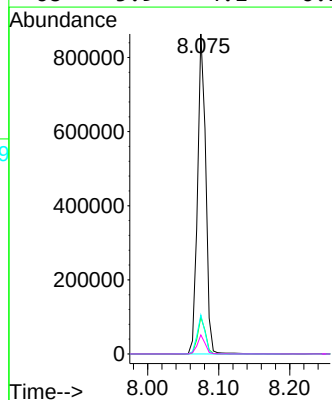
Ion	Ratio	Lower	Upper
70	100		
42	53.4	60.1	90.1#
101	0.0	7.4	11.2#
130	1.6	14.2	21.2#

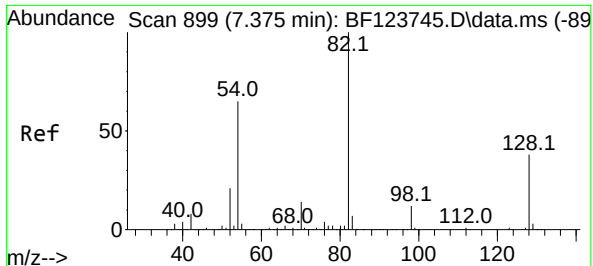


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

Tgt Ion: 136 Resp: 695351

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	12.2	9.8	14.6
68	5.9	4.1	6.1





#23

Nitrobenzene-d5

Concen: 88.69 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF123851.D

Acq: 6 May 2021 13:17

Tgt Ion: 82 Resp: 1366198

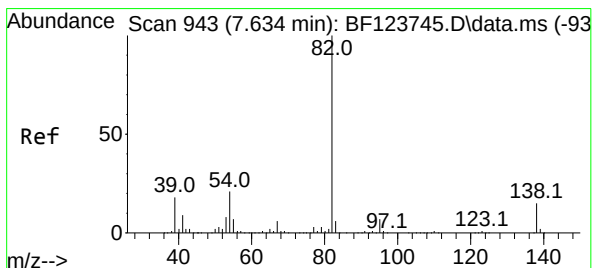
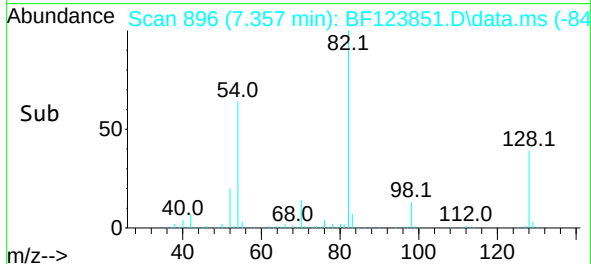
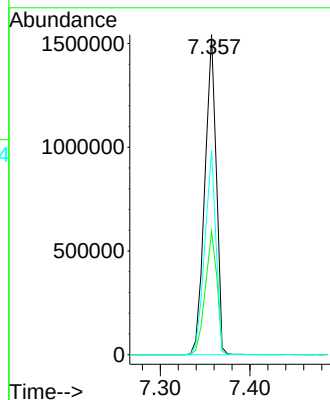
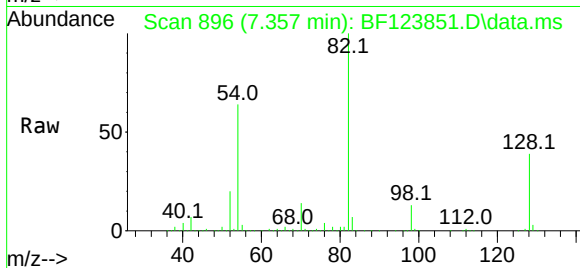
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.4	44.2
54	63.9	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

R2-A-D-COMP



#25

Isophorone

Concen: 47.30 ng

RT: 7.357 min Scan# 896

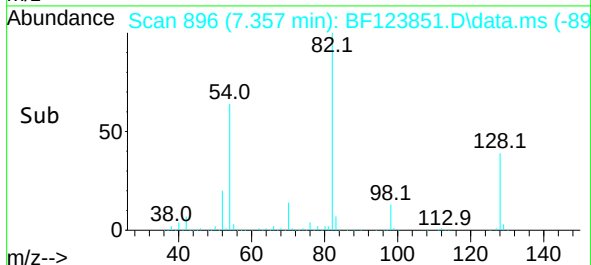
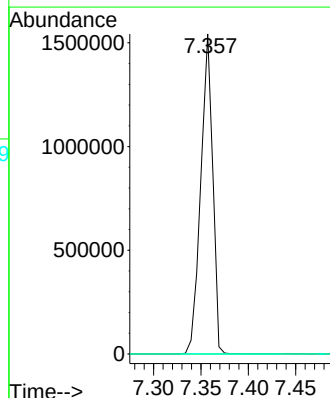
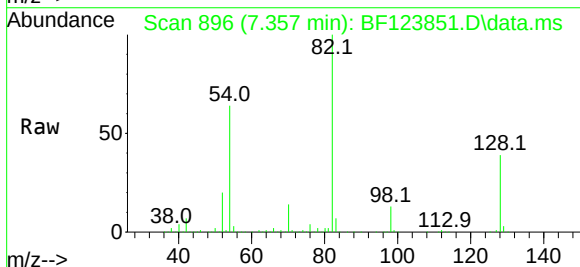
Delta R.T. -0.265 min

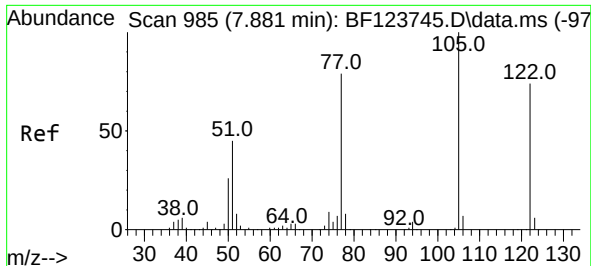
Lab File: BF123851.D

Acq: 6 May 2021 13:17

Tgt Ion: 82 Resp: 1366187

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

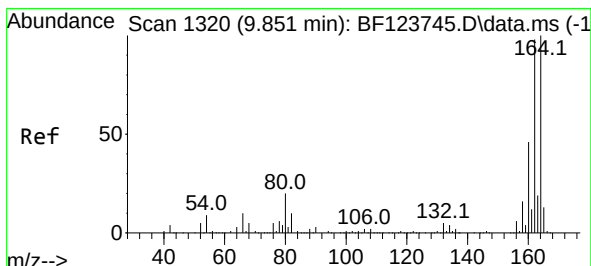
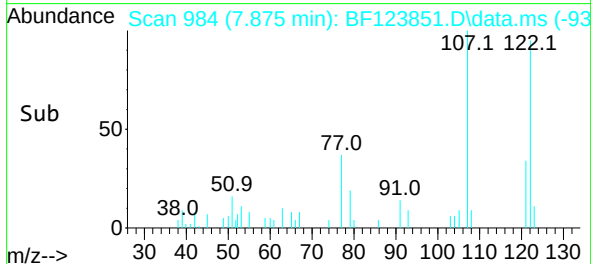
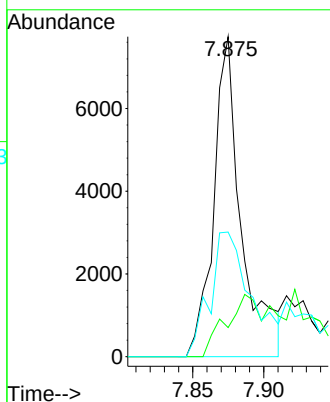
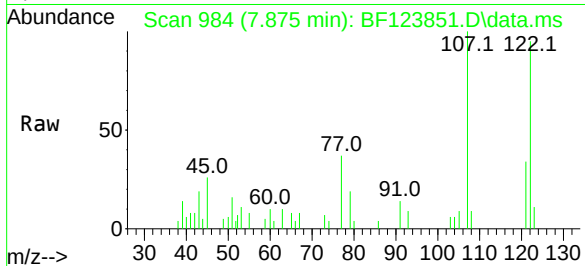




#32
Benzoic acid
Concen: 6.71 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.000 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

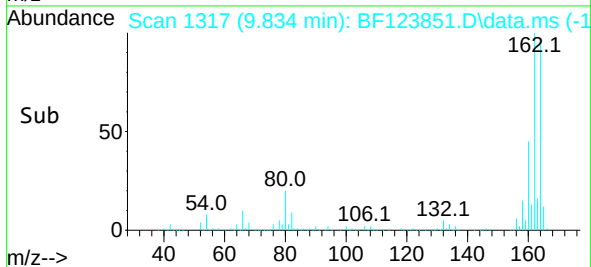
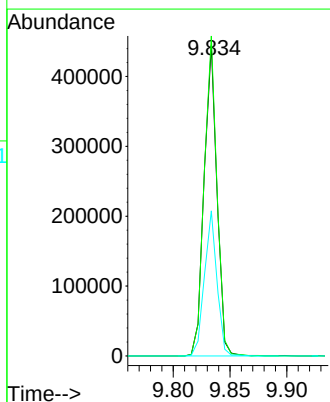
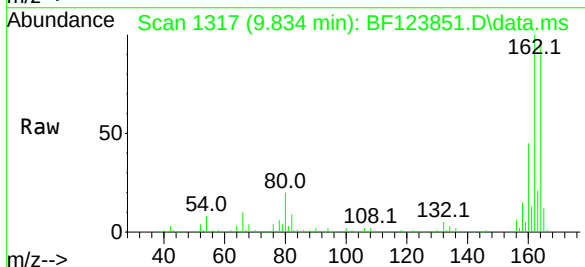
Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP

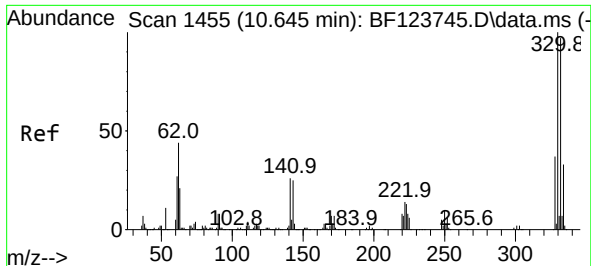
Tgt Ion:122 Resp: 10480
Ion Ratio Lower Upper
122 100
105 9.1 107.8 147.8#
77 38.9 81.6 121.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

Tgt Ion:164 Resp: 350624
Ion Ratio Lower Upper
164 100
162 103.0 80.7 121.1
160 46.7 37.3 55.9

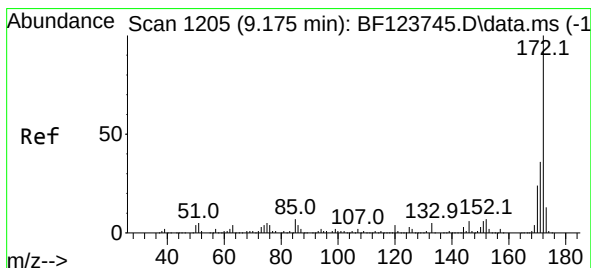
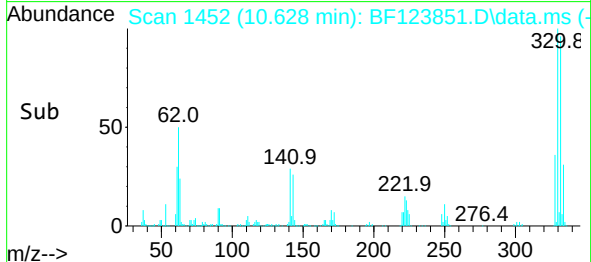
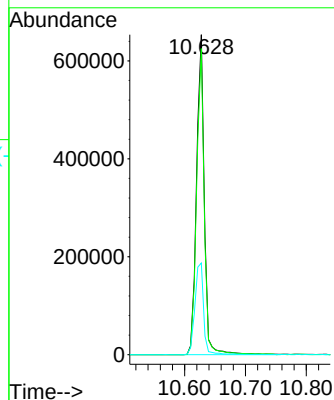
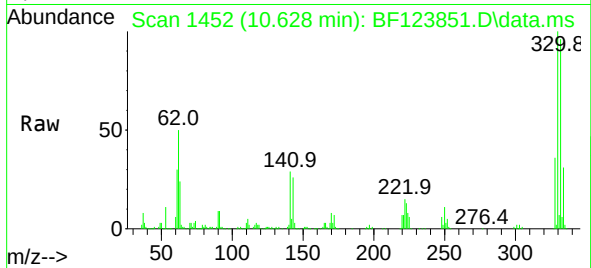




#42
 2,4,6-Tribromophenol
 Concen: 133.09 ng
 RT: 10.628 min Scan# 1452
 Delta R.T. -0.006 min
 Lab File: BF123851.D
 Acq: 6 May 2021 13:17

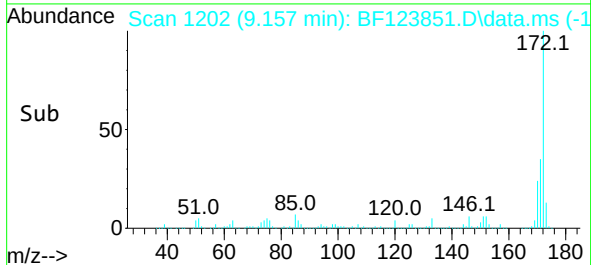
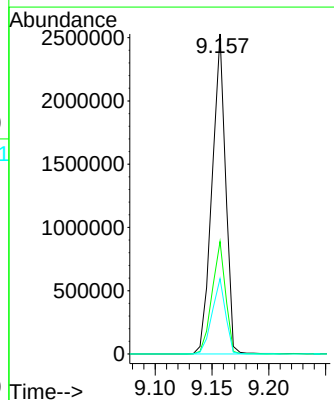
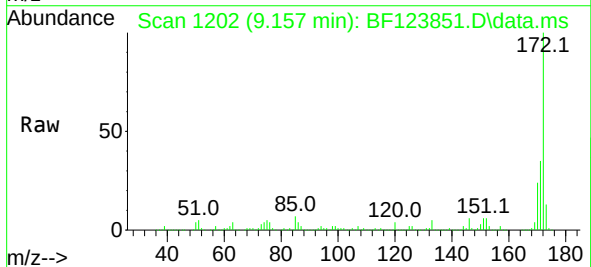
Instrument :
 BNA_F
 ClientSampleId :
 R2-A-D-COMP

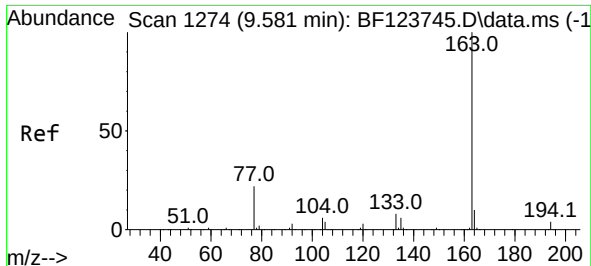
Tgt Ion:330 Resp: 580929
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.1 115.7
 141 32.3 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 9.157 min Scan# 1202
 Delta R.T. -0.006 min
 Lab File: BF123851.D
 Acq: 6 May 2021 13:17

Tgt Ion:172 Resp: 2094281
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.1 42.1
 170 23.5 19.2 28.8

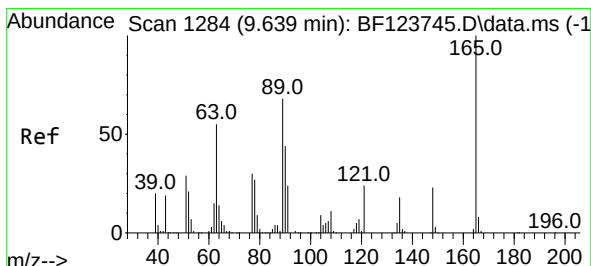
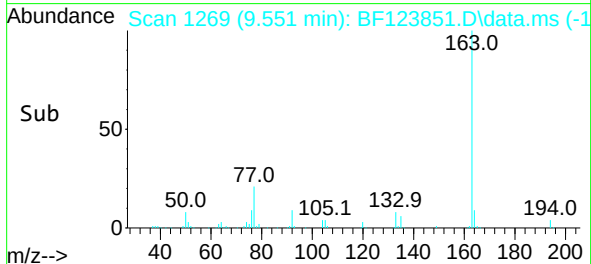
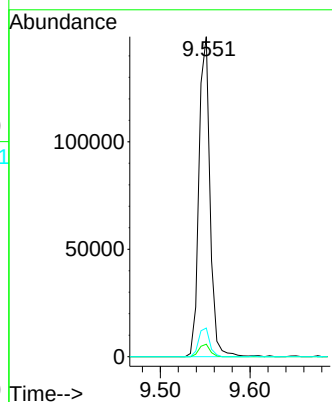
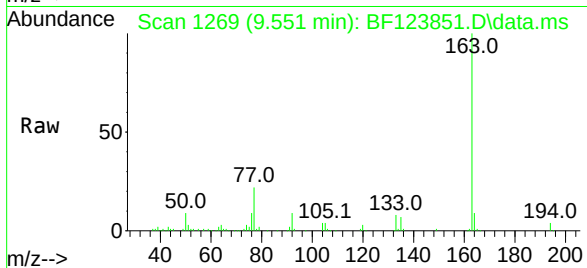




#50
Dimethylphthalate
Concen: 5.17 ng
RT: 9.551 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

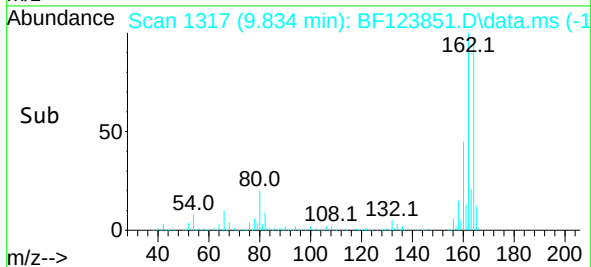
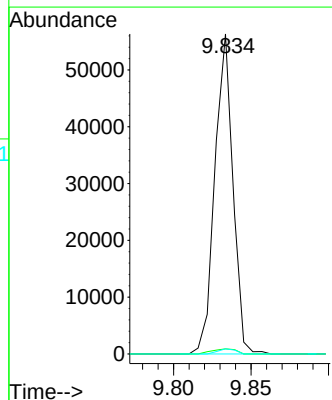
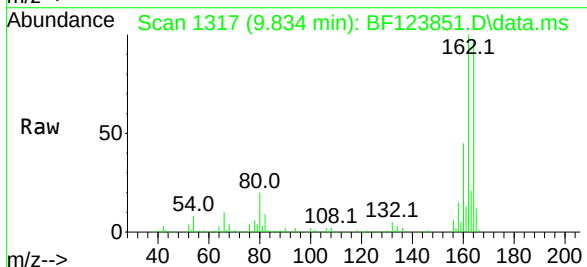
Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP

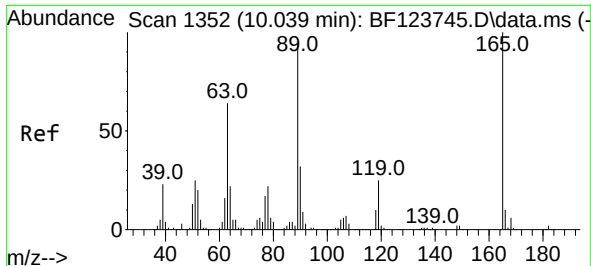
Tgt Ion:163 Resp: 127603
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 9.0 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.00 ng
RT: 9.834 min Scan# 1317
Delta R.T. 0.206 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

Tgt Ion:165 Resp: 45660
Ion Ratio Lower Upper
165 100
63 1.6 67.7 101.5#
89 1.6 58.8 88.2#

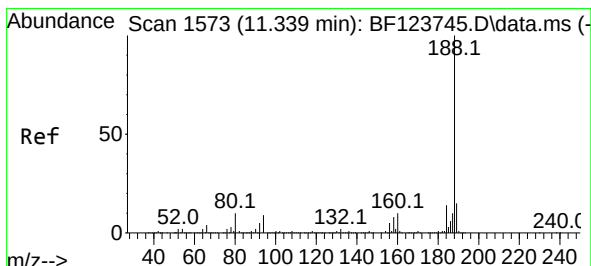
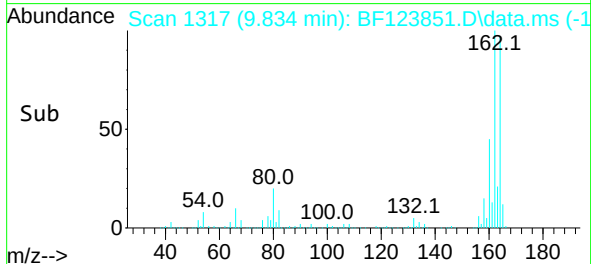
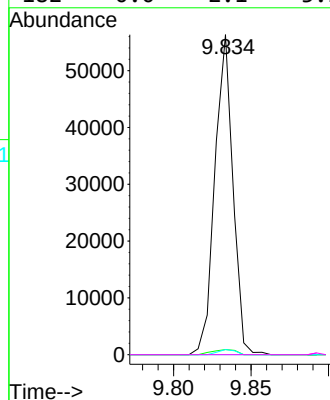
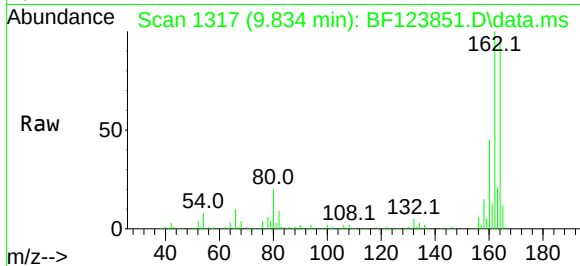




#57
2,4-Dinitrotoluene
Concen: 5.87 ng
RT: 9.834 min Scan# 1317
Delta R.T. -0.200 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

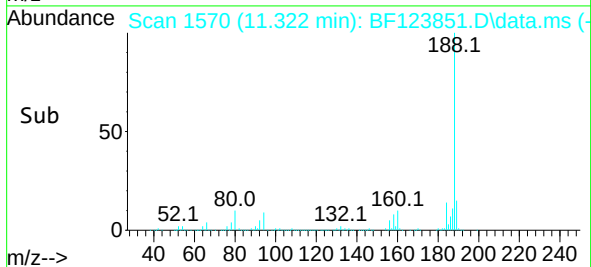
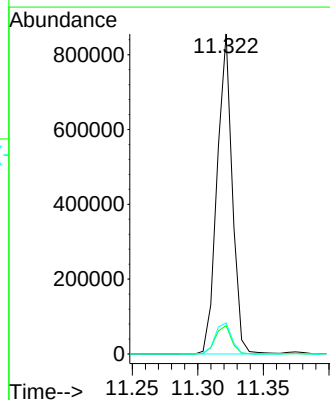
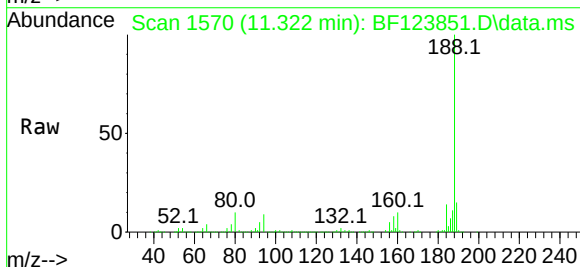
Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP

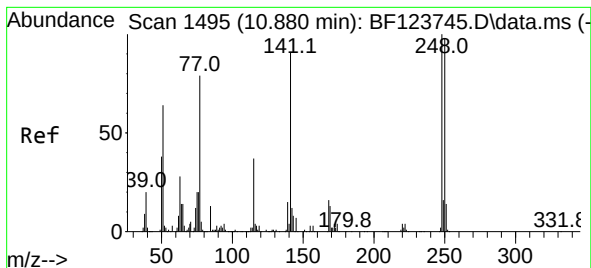
Tgt Ion:165 Resp: 45660
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 1.6 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

Tgt Ion:188 Resp: 685962
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.7 8.2 12.2

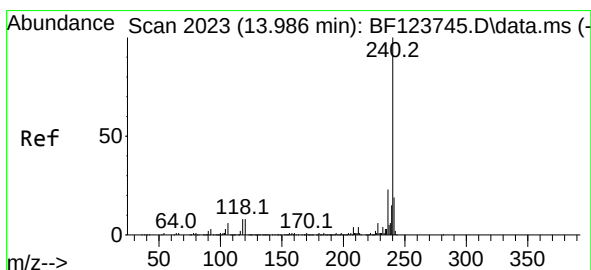
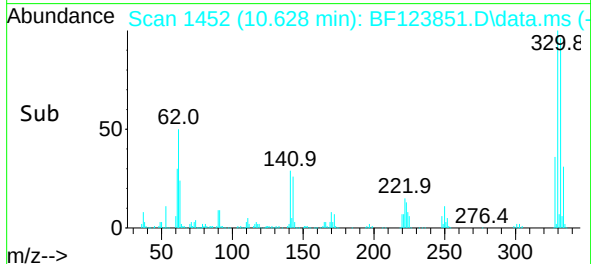
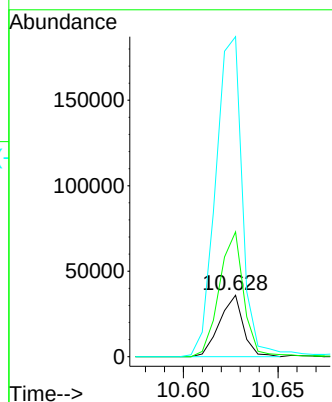
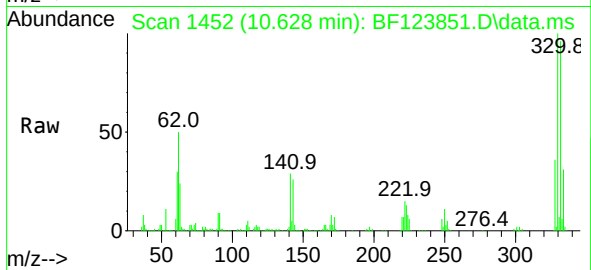




#67
4-Bromophenyl-phenylether
Concen: 4.34 ng
RT: 10.628 min Scan# 1452
Delta R.T. -0.247 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

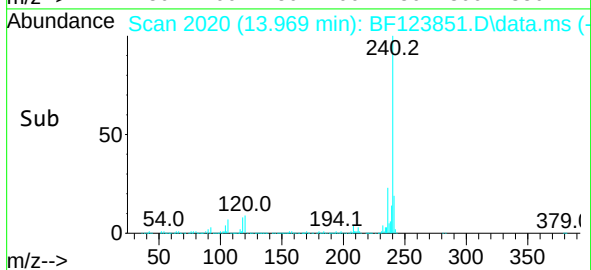
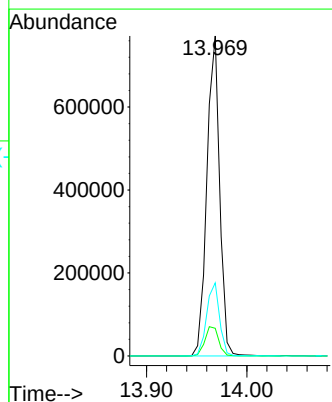
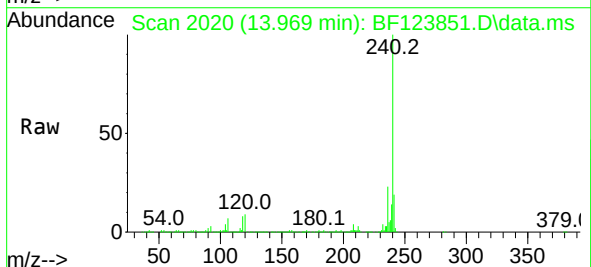
Instrument :
BNA_F
ClientSampleId :
R2-A-D-COMP

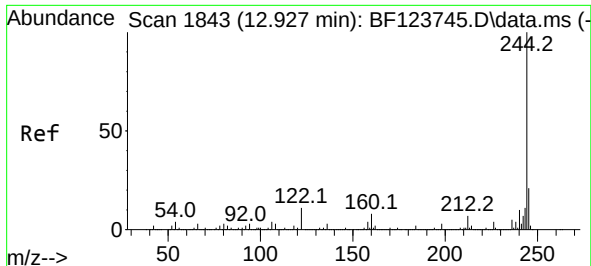
Tgt Ion:248 Resp: 31367
Ion Ratio Lower Upper
248 100
250 203.1 77.4 116.2#
141 520.5 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF123851.D
Acq: 6 May 2021 13:17

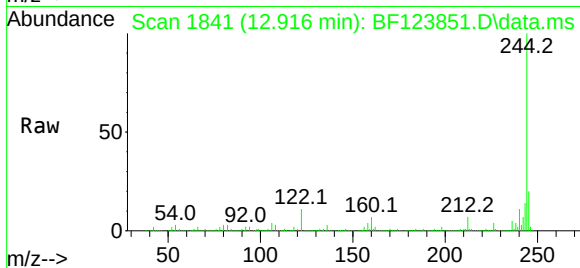
Tgt Ion:240 Resp: 683436
Ion Ratio Lower Upper
240 100
120 8.6 7.2 10.8
236 22.8 19.0 28.4



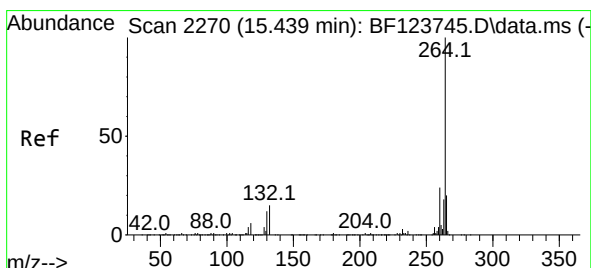
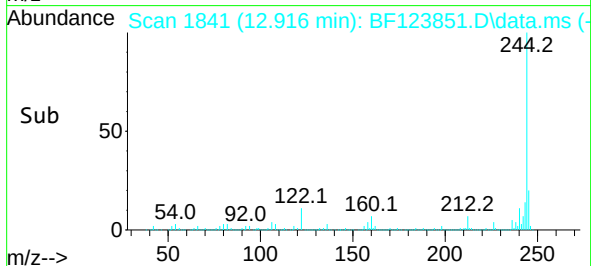
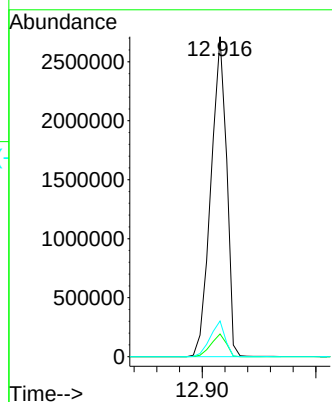


#79
 Terphenyl-d14
 Concen: 73.28 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF123851.D
 Acq: 6 May 2021 13:17

Instrument :
 BNA_F
 ClientSampleId :
 R2-A-D-COMP



Tgt Ion:244 Resp: 2600715
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.1 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.427 min Scan# 2268
 Delta R.T. 0.000 min
 Lab File: BF123851.D
 Acq: 6 May 2021 13:17

Tgt Ion:264 Resp: 615309
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.2 17.8 26.8

