

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123728.D
 Acq On : 24 Apr 2021 20:58
 Operator : JU/CG
 Sample : M2149-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

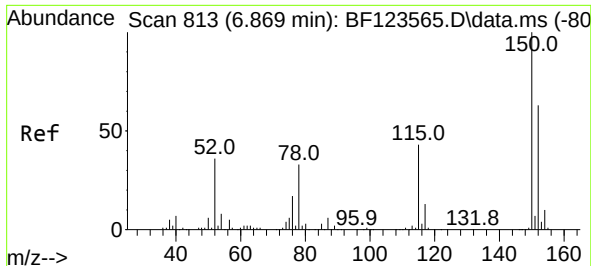
Instrument :
 BNA_F
 ClientSampleId :
 SB-36-10.5-11.0

Quant Time: Apr 26 03:01:21 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	209099	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	790030	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	380221	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	708049	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	440629	20.00	ng	-0.04
86) Perylene-d12	15.451	264	421639	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1311705	101.39	ng	-0.02
7) Phenol-d6	6.457	99	1709865	95.38	ng	-0.02
23) Nitrobenzene-d5	7.381	82	1191713	69.35	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	442527	102.78	ng	-0.02
45) 2-Fluorobiphenyl	9.181	172	1644468	64.47	ng	-0.02
79) Terphenyl-d14	12.933	244	1367016	60.30	ng	-0.03
Target Compounds						
						Qvalue
10) Phenol	6.469	94	56478	2.97	ng	92
19) n-Nitroso-di-n-propyla...	7.381	70	172203	14.50	ng	# 74
20) 3+4-Methylphenols	7.228	107	144388	9.48	ng	# 63
25) Isophorone	7.381	82	1185165	35.55	ng	# 69
32) Benzoic acid	7.892	122	3195	4.93	ng	# 29
50) Dimethylphthalate	9.575	163	76115	2.90	ng	97
51) 2,6-Dinitrotoluene	9.857	165	51534	8.94	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	51534	6.69	ng	# 17
67) 4-Bromophenyl-phenylether	10.651	248	24540	3.32	ng	# 1
75) Fluoranthene	12.569	202	85817	2.11	ng	97
78) Pyrene	12.786	202	75599	2.35	ng	95

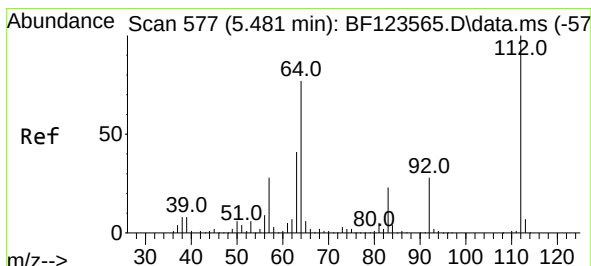
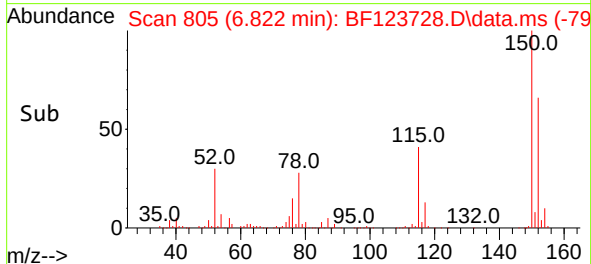
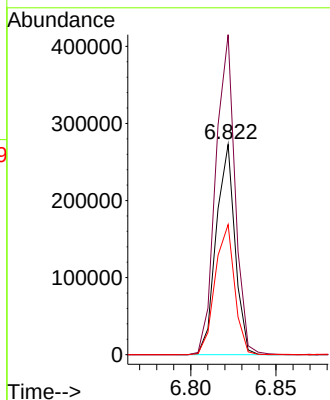
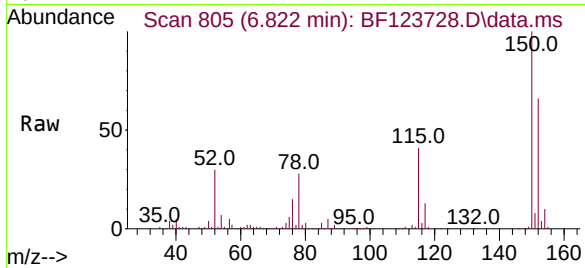
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

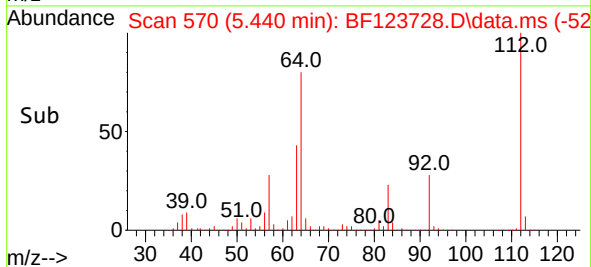
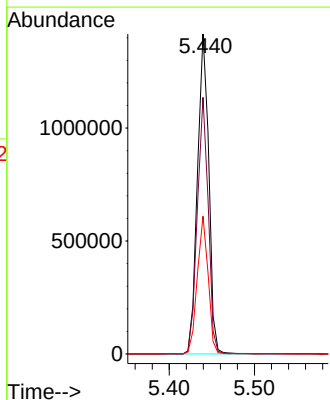
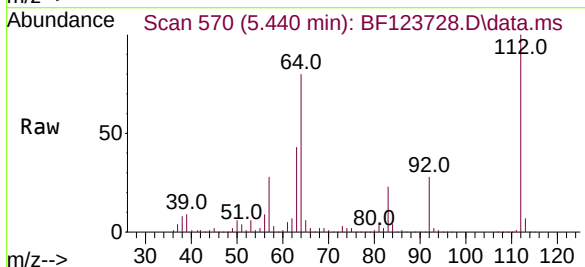
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

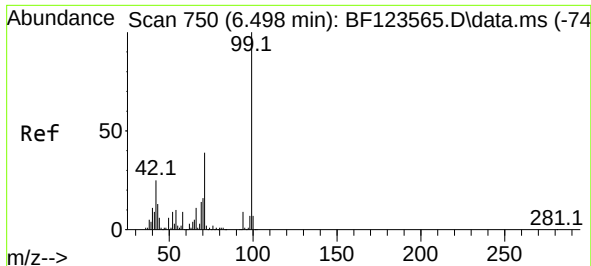
Tgt Ion:152 Resp: 209099
Ion Ratio Lower Upper
152 100
150 152.2 127.0 190.6
115 61.9 54.3 81.5



#5
2-Fluorophenol
Concen: 101.39 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:112 Resp: 1311705
Ion Ratio Lower Upper
112 100
64 80.2 61.4 92.0
63 43.0 33.0 49.4



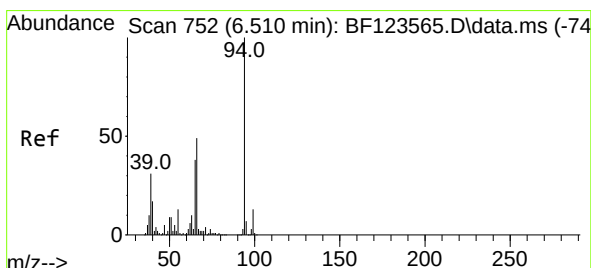
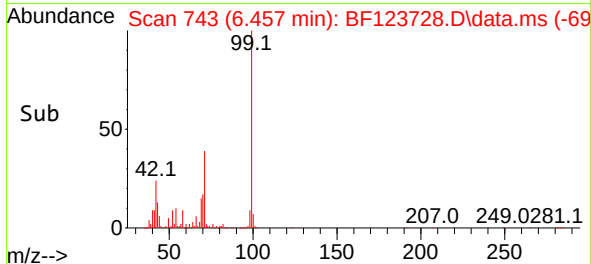
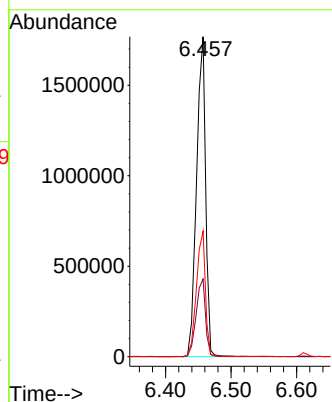
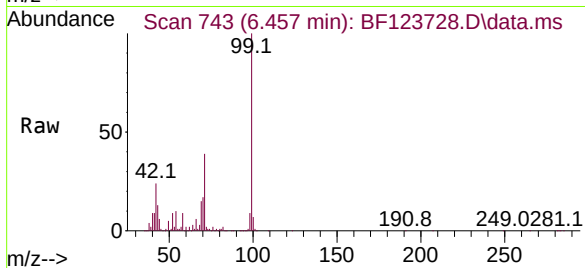


#7
Phenol-d6
Concen: 95.38 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

Tgt Ion: 99 Resp: 1709865

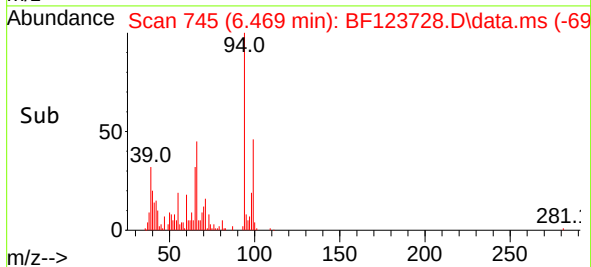
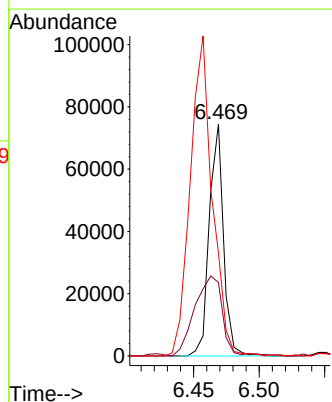
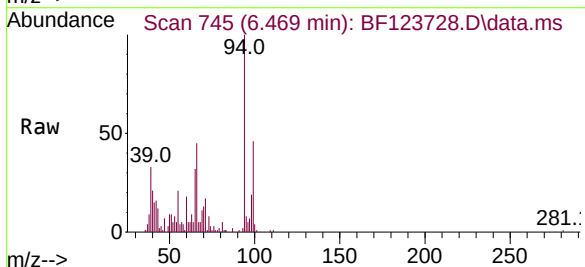
Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.8	29.8
71	39.3	31.1	46.7

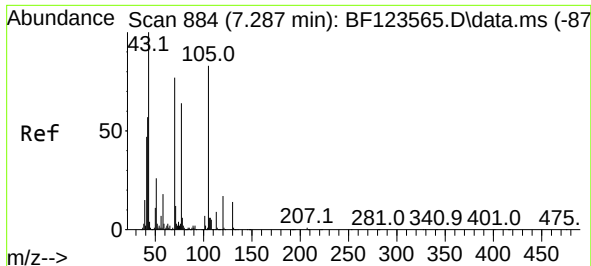


#10
Phenol
Concen: 2.97 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.023 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion: 94 Resp: 56478

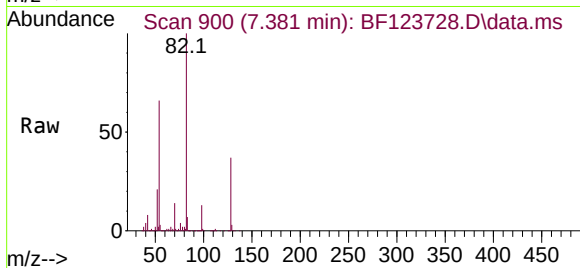
Ion	Ratio	Lower	Upper
94	100		
65	31.7	18.1	58.1
66	44.6	29.0	69.0



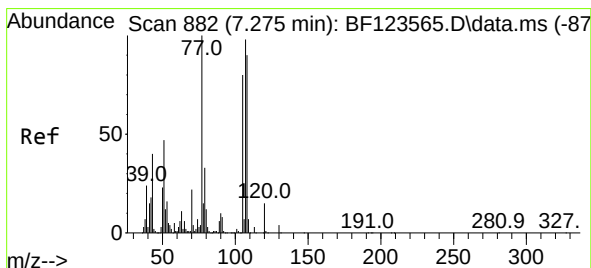
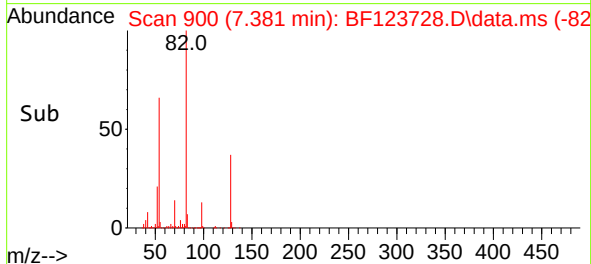
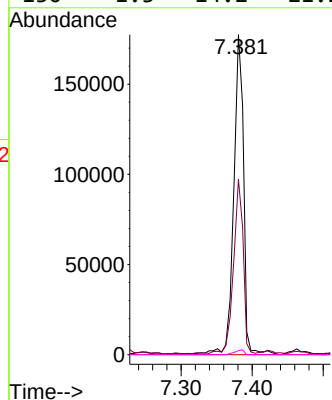


#19
n-Nitroso-di-n-propylamine
Concen: 14.50 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.124 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

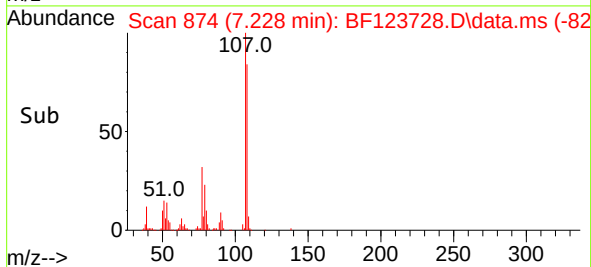
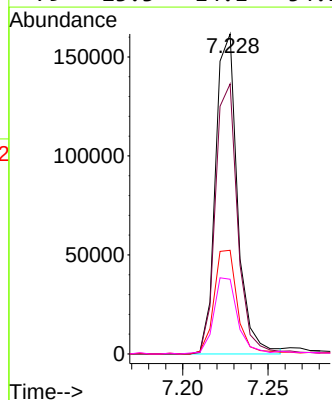
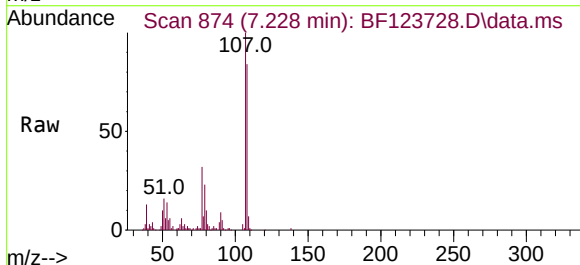


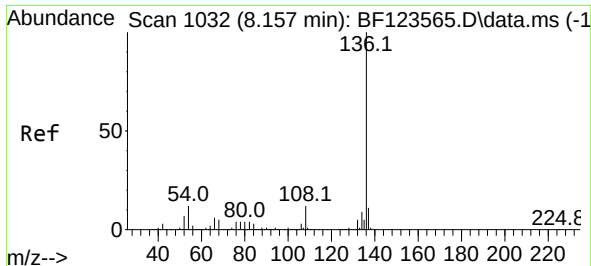
Tgt Ion: 70 Resp: 172203
Ion Ratio Lower Upper
70 100
42 54.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



#20
3+4-Methylphenols
Concen: 9.48 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.023 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion: 107 Resp: 144388
Ion Ratio Lower Upper
107 100
108 84.4 71.5 111.5
77 32.4 82.0 122.0#
79 23.3 14.1 54.1

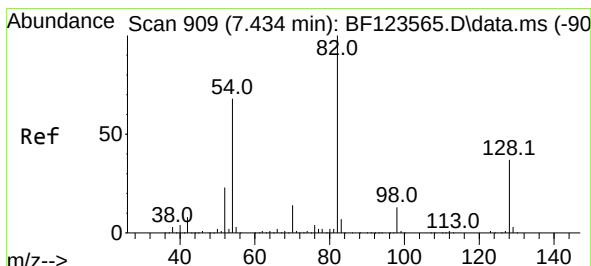
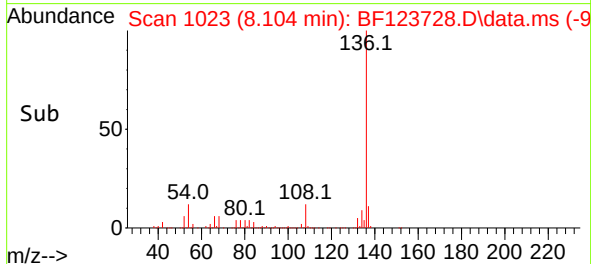
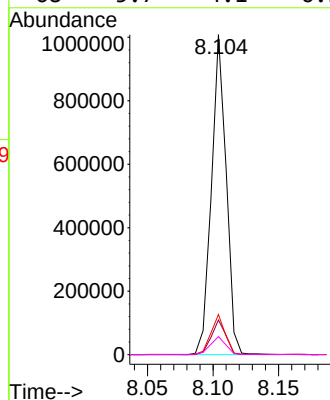
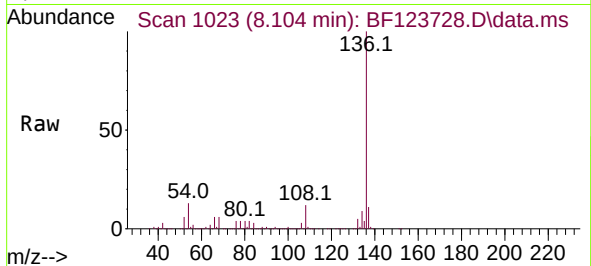




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.023 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

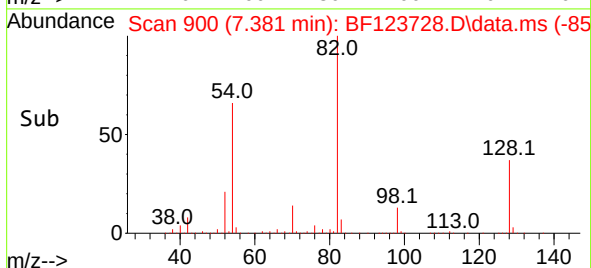
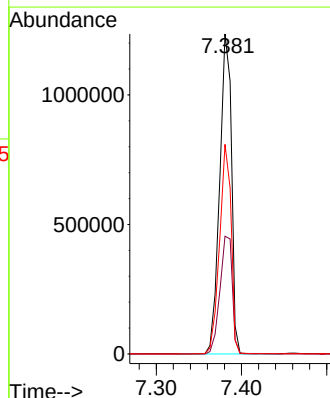
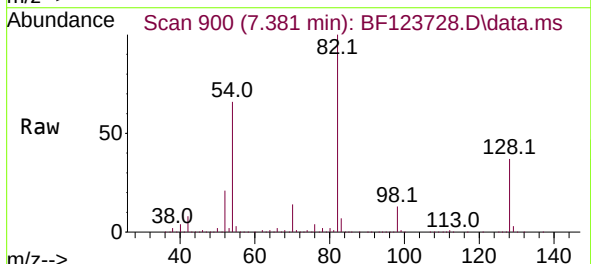
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

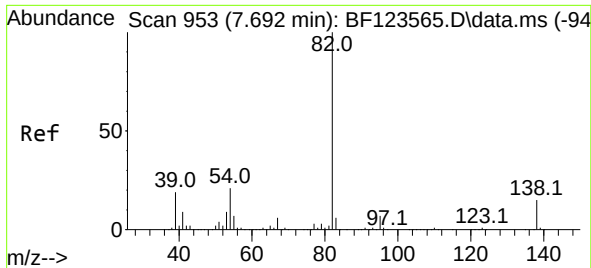
Tgt Ion:136	Resp: 790030
Ion Ratio	Lower Upper
136 100	
137 10.9	8.7 13.1
54 12.6	9.8 14.6
68 5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 69.35 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.023 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion: 82	Resp: 1191713
Ion Ratio	Lower Upper
82 100	
128 36.8	29.4 44.2
54 65.5	54.1 81.1

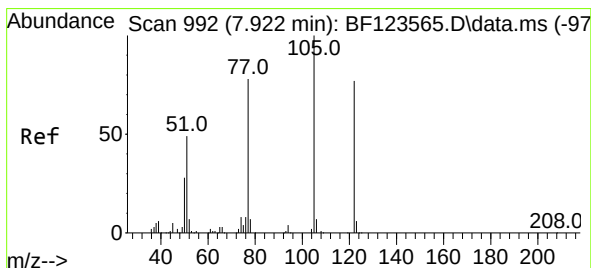
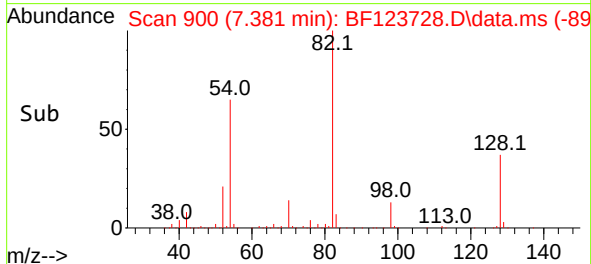
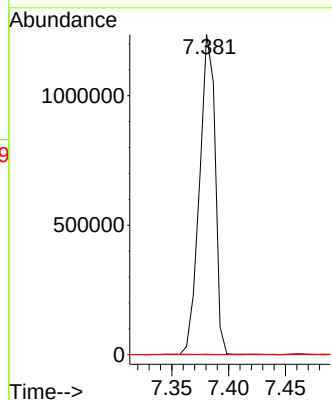
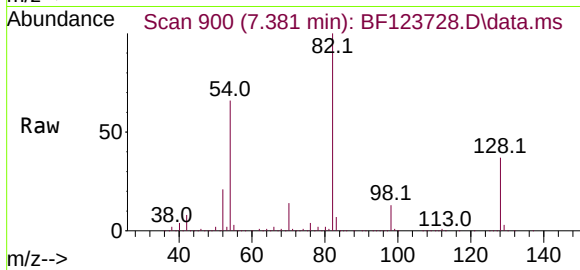




#25
Isophorone
Concen: 35.55 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.282 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

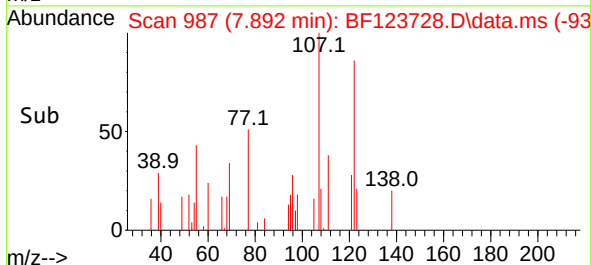
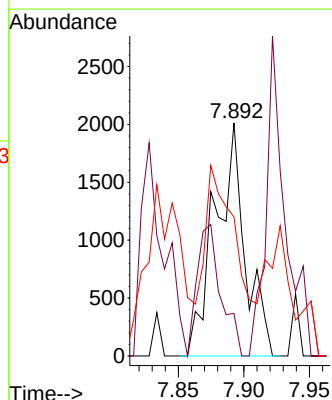
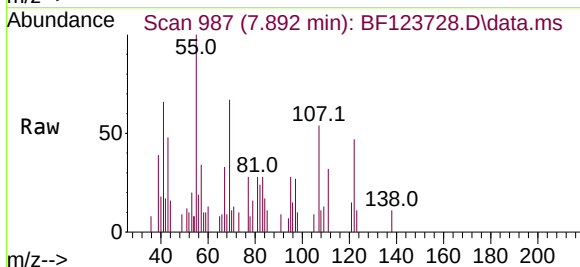
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

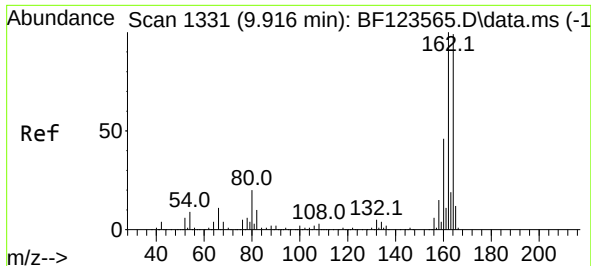
Tgt Ion: 82 Resp: 1185165
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.93 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion: 122 Resp: 3195
Ion Ratio Lower Upper
122 100
105 18.3 107.8 147.8#
77 59.6 81.6 121.6#

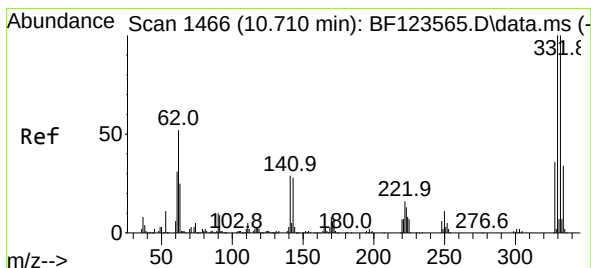
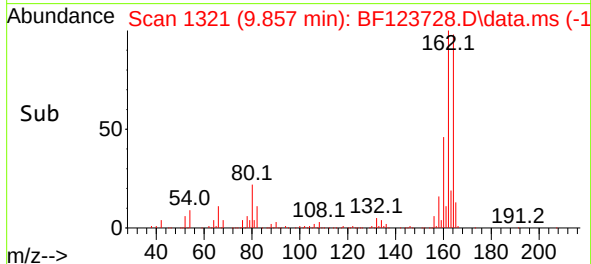
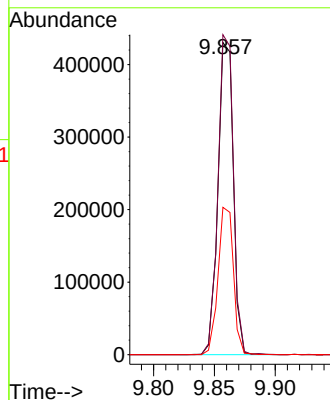
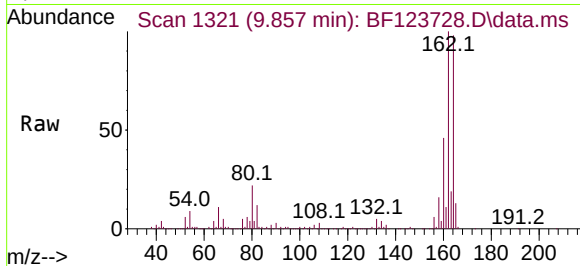




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

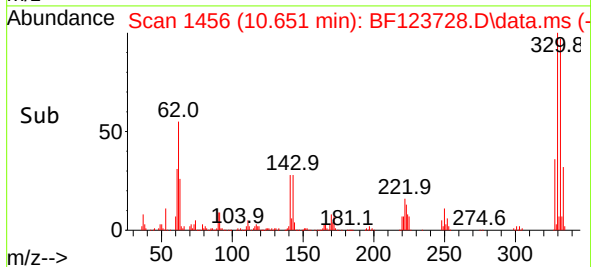
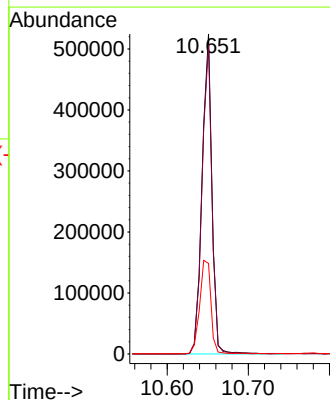
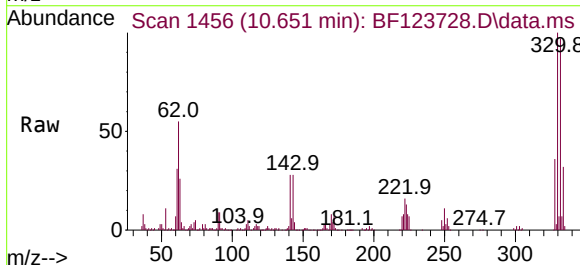
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

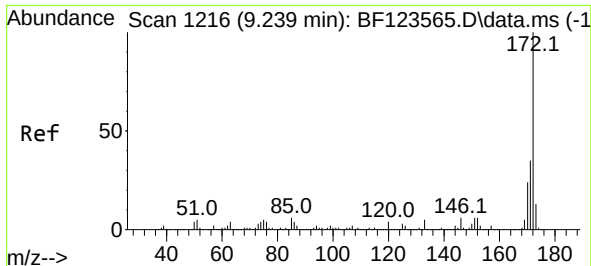
Tgt Ion:164 Resp: 380221
Ion Ratio Lower Upper
164 100
162 102.5 80.7 121.1
160 47.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 102.78 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.023 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:330 Resp: 442527
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 33.4 27.9 41.9

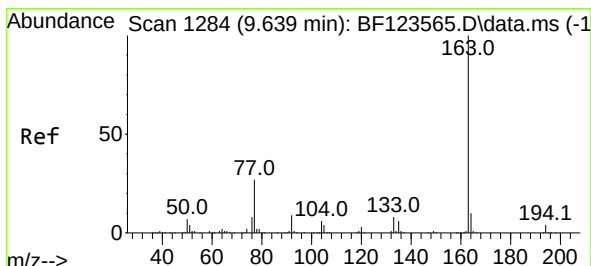
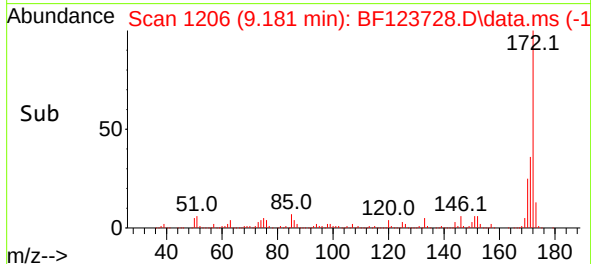
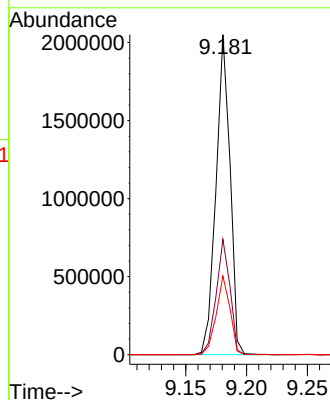
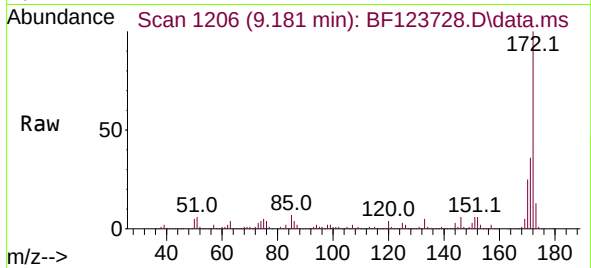




#45
2-Fluorobiphenyl
Concen: 64.47 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.023 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

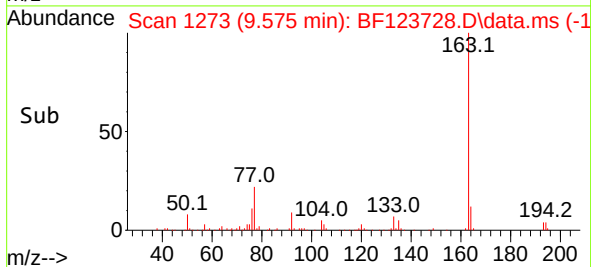
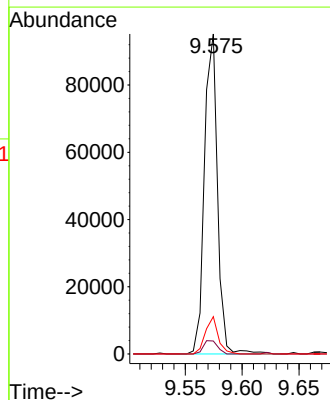
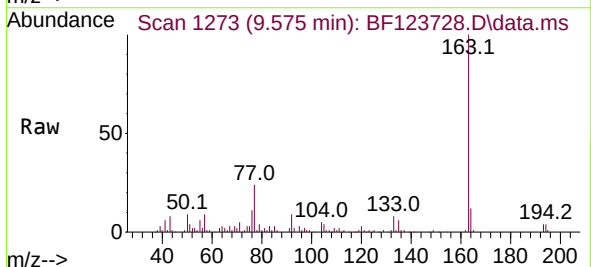
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

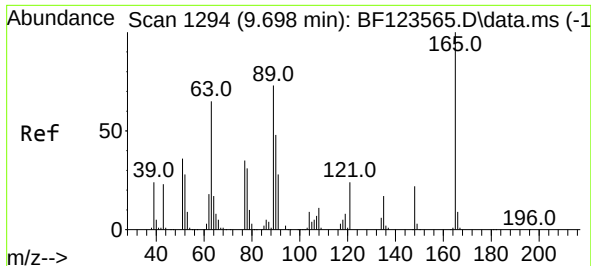
Tgt Ion:172 Resp: 1644468
Ion Ratio Lower Upper
172 100
171 36.1 28.1 42.1
170 24.6 19.2 28.8



#50
Dimethylphthalate
Concen: 2.90 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.035 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:163 Resp: 76115
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 11.7 8.2 12.2

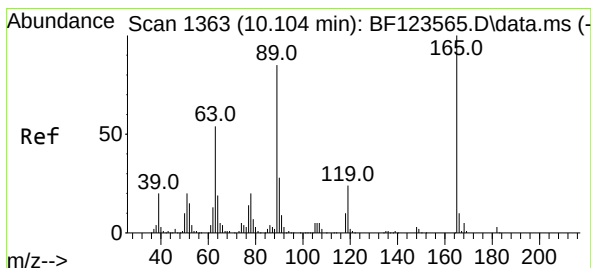
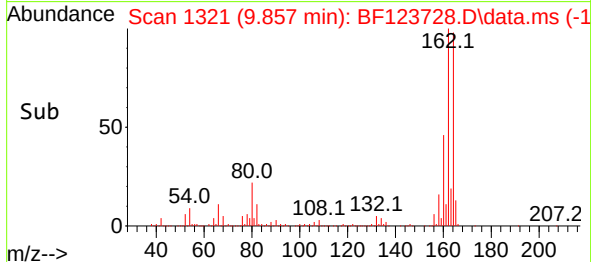
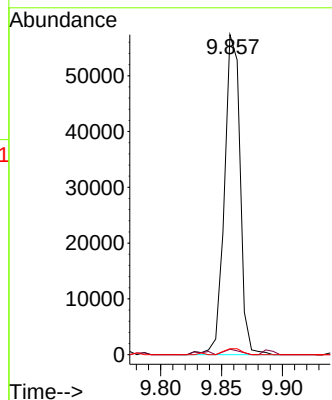
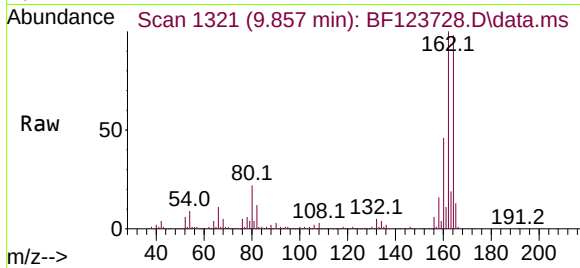




#51
2,6-Dinitrotoluene
Concen: 8.94 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

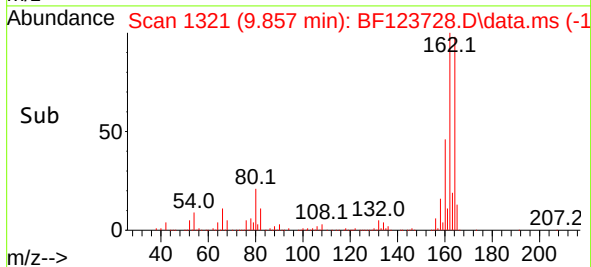
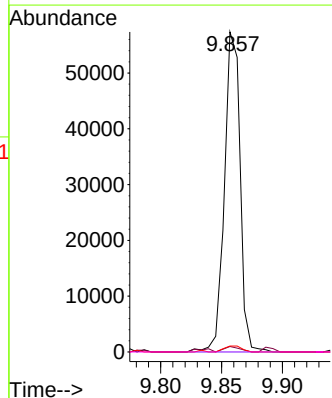
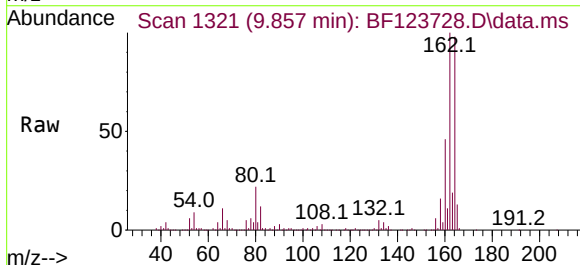
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

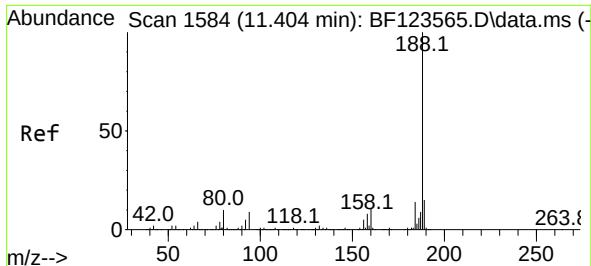
Tgt Ion:165 Resp: 51534
Ion Ratio Lower Upper
165 100
63 1.7 67.7 101.5#
89 1.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.69 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:165 Resp: 51534
Ion Ratio Lower Upper
165 100
63 1.7 43.5 65.3#
89 1.8 67.7 101.5#
182 0.0 2.1 3.1#

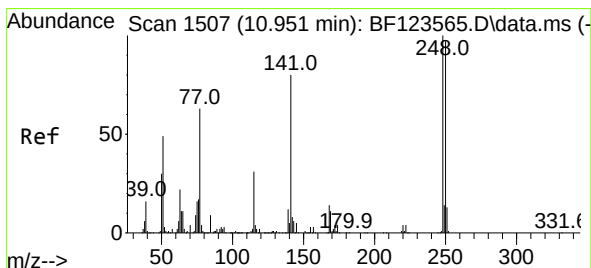
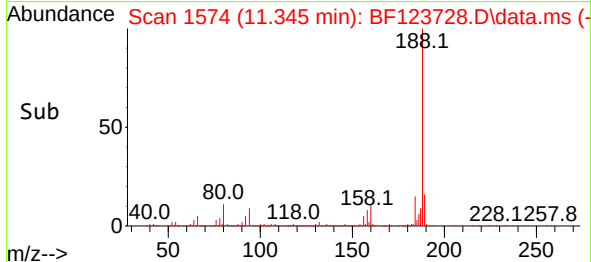
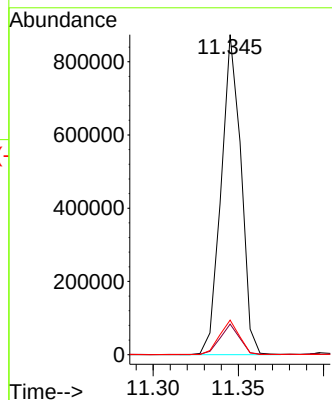
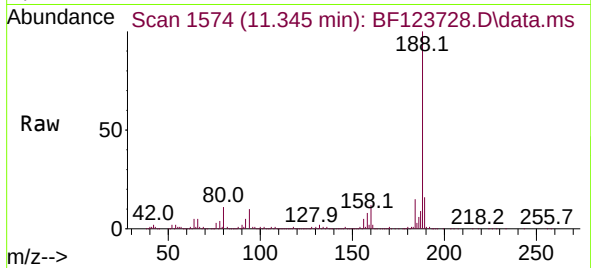




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

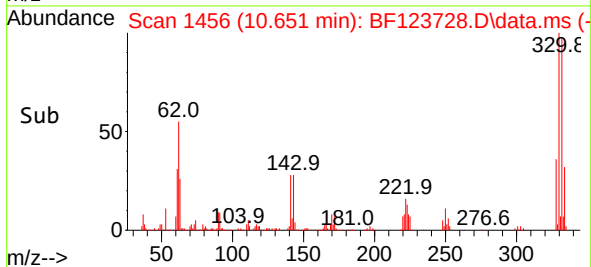
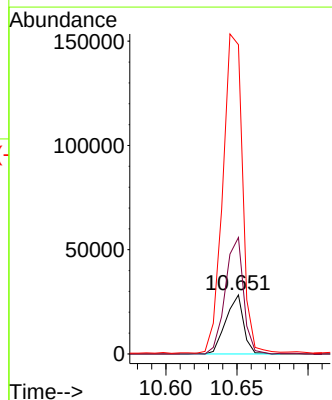
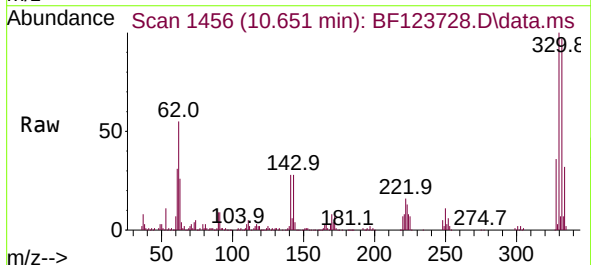
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

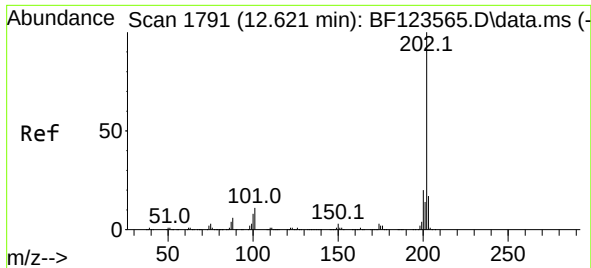
Tgt Ion:188	Resp:	708049
Ion Ratio	Lower	Upper
188	100	
94	9.6	6.9 10.3
80	10.8	8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.32 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.265 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:248	Resp:	24540
Ion Ratio	Lower	Upper
248	100	
250	197.5	77.4 116.2#
141	524.1	63.7 95.5#

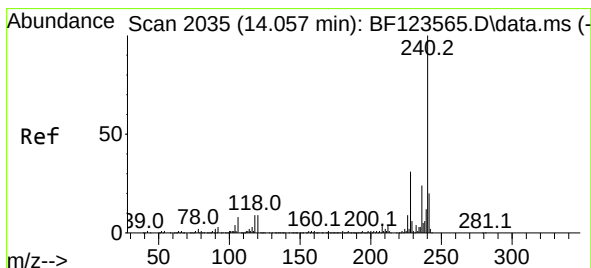
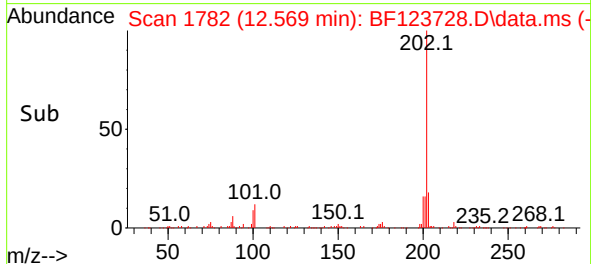
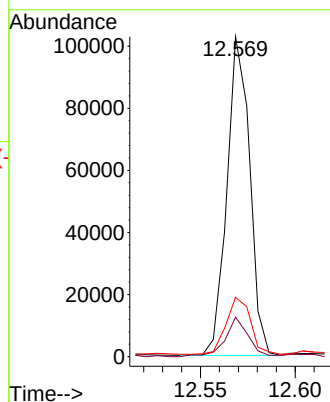
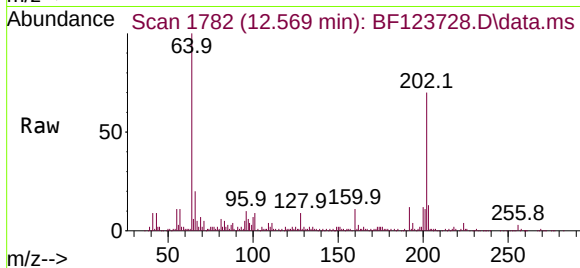




#75
Fluoranthene
Concen: 2.11 ng
RT: 12.569 min Scan# 1782
Delta R.T. -0.023 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

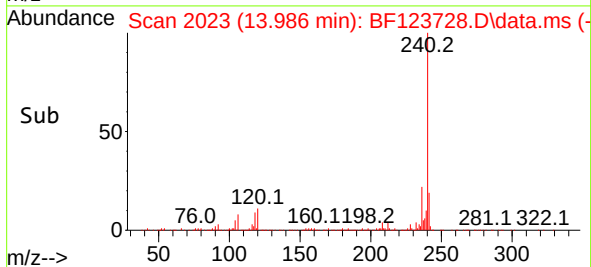
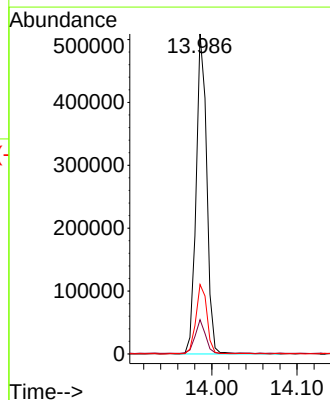
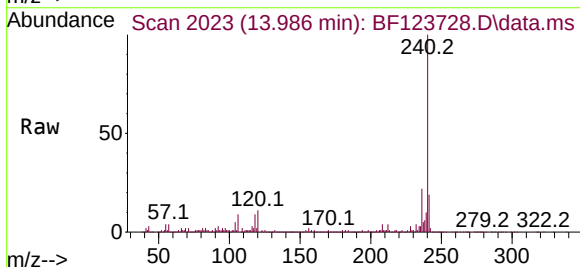
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

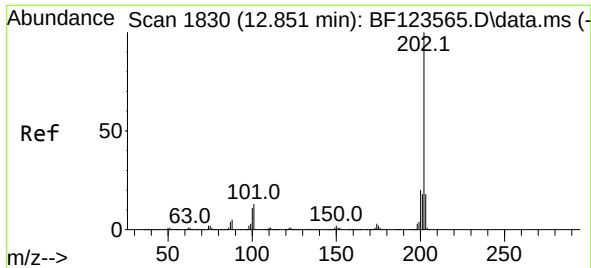
Tgt Ion:	202	Resp:	85817
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	30.9
203	18.5	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:	240	Resp:	440629
Ion Ratio	Lower	Upper	
240	100		
120	10.7	7.2	10.8
236	21.7	19.0	28.4

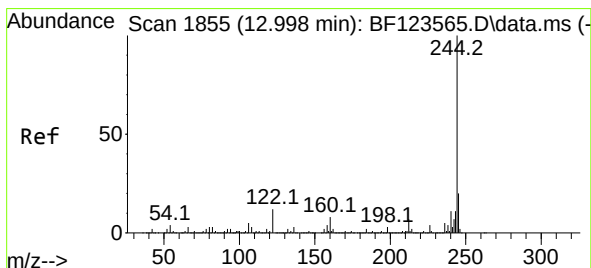
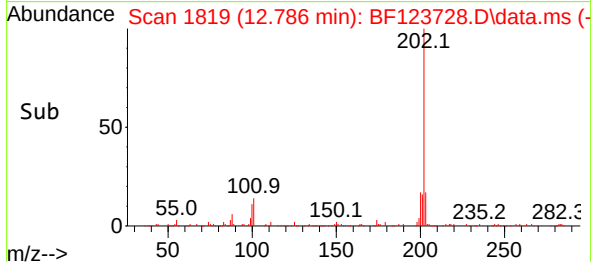
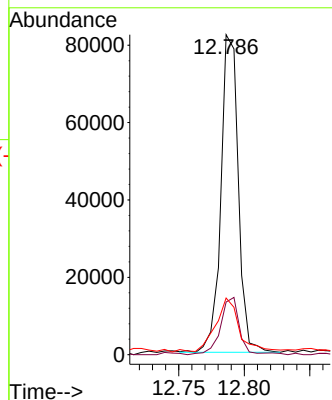
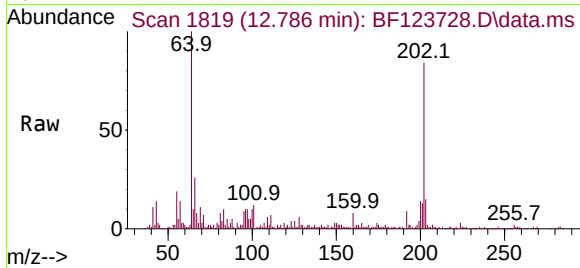




#78
Pyrene
Concen: 2.35 ng
RT: 12.786 min Scan# 1819
Delta R.T. -0.035 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

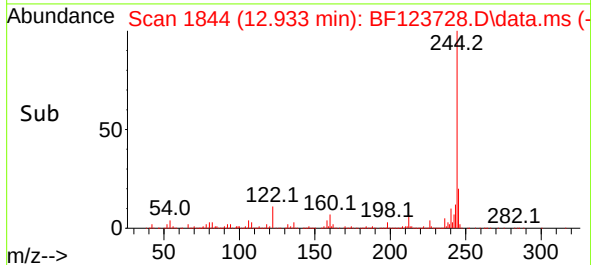
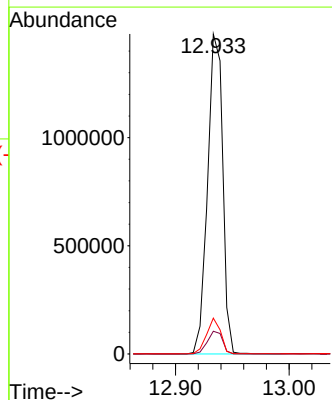
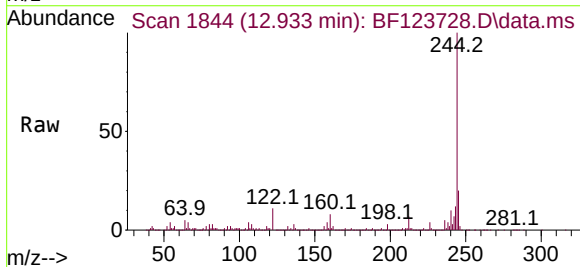
Instrument :
BNA_F
ClientSampleId :
SB-36-10.5-11.0

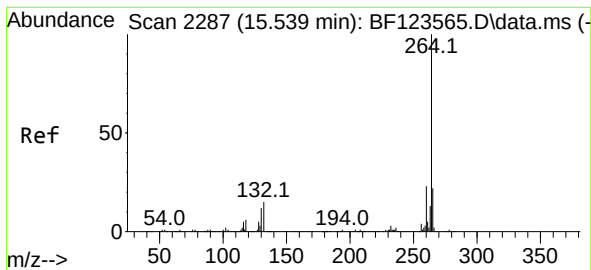
Tgt Ion:202	Resp:	75599
Ion Ratio	Lower	Upper
202	100	
200	16.5	16.1 24.1
203	17.7	14.8 22.2



#79
Terphenyl-d14
Concen: 60.30 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.029 min
Lab File: BF123728.D
Acq: 24 Apr 2021 20:58

Tgt Ion:244	Resp:	1367016
Ion Ratio	Lower	Upper
244	100	
212	7.1	5.7 8.5
122	11.2	9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.041 min
 Lab File: BF123728.D
 Acq: 24 Apr 2021 20:58

Instrument :
 BNA_F
 ClientSampleId :
 SB-36-10.5-11.0

Tgt Ion:264 Resp: 421639
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 20.8 17.8 26.8

