

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123679.D
 Acq On : 21 Apr 2021 21:45
 Operator : JU/CG
 Sample : M2090-02 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-2

Quant Time: Apr 22 00:56:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 20 15:49:40 2021
 Response via : Initial Calibration

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

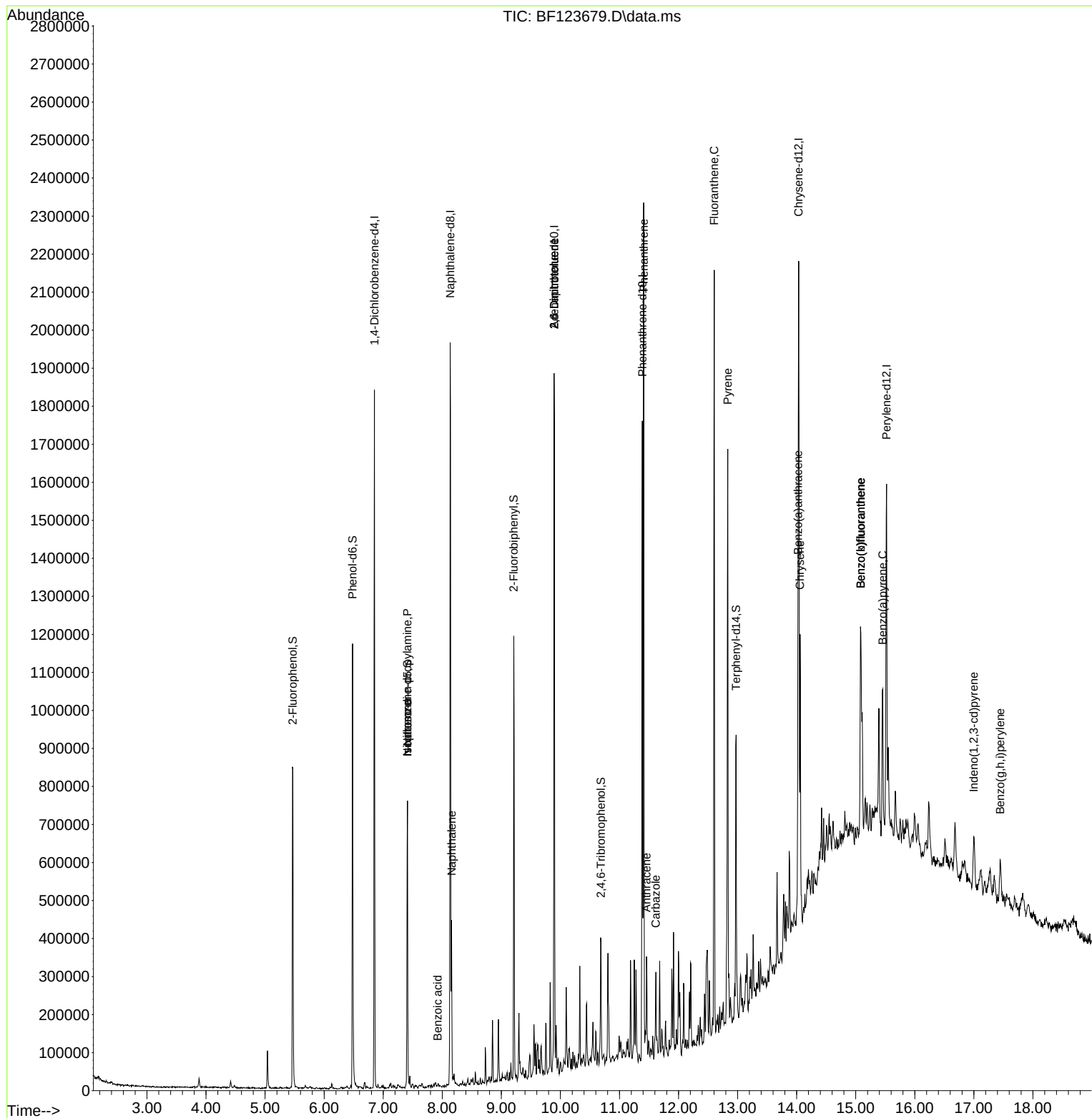
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	216985	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	796068	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	350579	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	561936	20.00	ng	0.00
76) Chrysene-d12	14.033	240	485772	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	414609	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	214572	15.98	ng	0.00
7) Phenol-d6	6.481	99	318806	17.14	ng	-0.01
23) Nitrobenzene-d5	7.410	82	218945	12.64	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	33790	8.51	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	309457	13.16	ng	0.00
79) Terphenyl-d14	12.975	244	243743	9.75	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	28498	2.31	ng	# 75
25) Isophorone	7.410	82	218979	6.52	ng	# 69
31) Naphthalene	8.157	128	137483	3.35	ng	97
32) Benzoic acid	7.922	122	613	4.62	ng	# 36
51) 2,6-Dinitrotoluene	9.892	165	45888	8.63	ng	# 12
57) 2,4-Dinitrotoluene	9.892	165	45888	6.46	ng	# 17
71) Phenanthrene	11.410	178	722459	24.63	ng	99
72) Anthracene	11.457	178	91800	3.13	ng	100
73) Carbazole	11.616	167	79885	2.73	ng	99
75) Fluoranthene	12.604	202	750238	23.28	ng	99
78) Pyrene	12.833	202	605909	17.09	ng	98
81) Benzo(a)anthracene	14.021	228	280641	9.43	ng	96
83) Chrysene	14.057	228	296561	9.92	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	99094	4.48	ng	97
88) Benzo(b)fluoranthene	15.086	252	431314	14.73	ng	# 95
89) Benzo(k)fluoranthene	15.086	252	431314	15.41	ng	# 95
90) Benzo(a)pyrene	15.457	252	191782	8.24	ng	# 94
92) Benzo(g,h,i)perylene	17.445	276	91382	5.72	ng	# 87

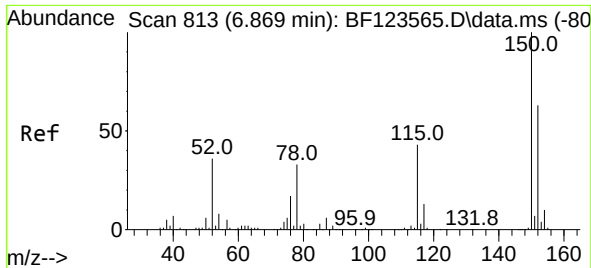
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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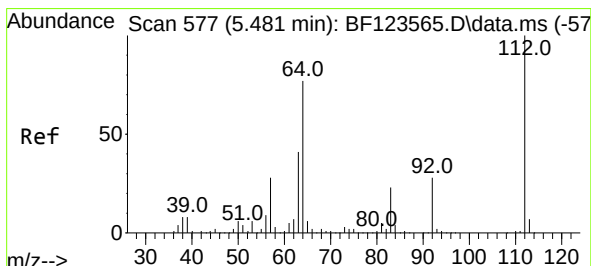
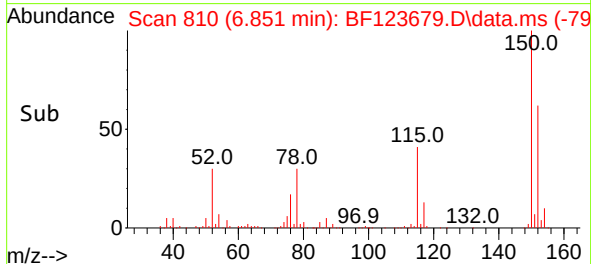
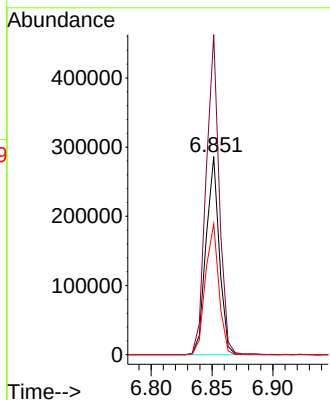
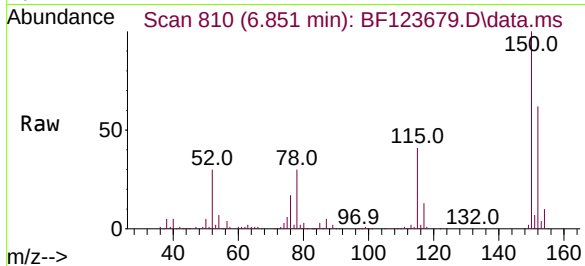




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.851 min Scan# 810
 Delta R.T. 0.000 min
 Lab File: BF123679.D
 Acq: 21 Apr 2021 21:45

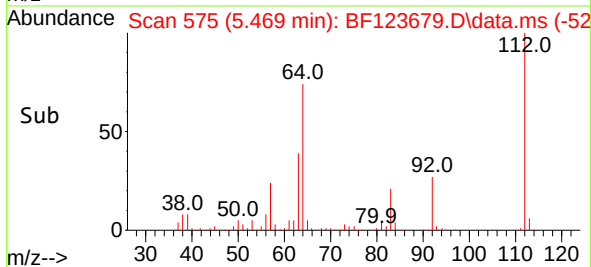
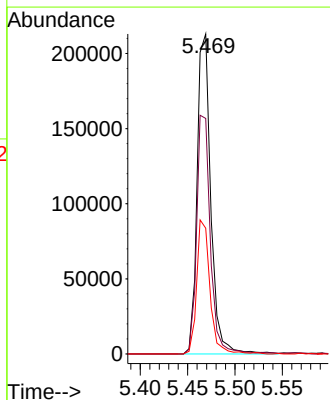
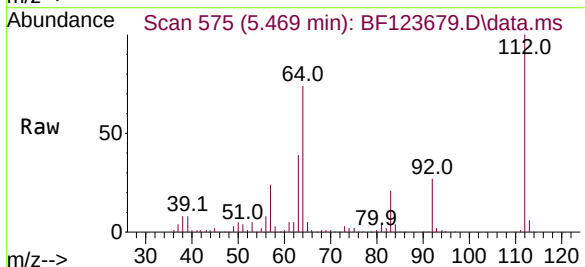
Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-2

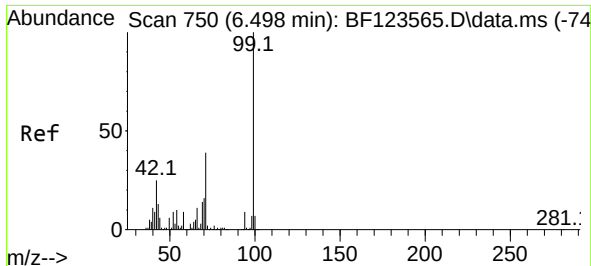
Tgt Ion:152 Resp: 216985
 Ion Ratio Lower Upper
 152 100
 150 161.5 127.0 190.6
 115 66.0 54.3 81.5



#5
 2-Fluorophenol
 Concen: 15.98 ng
 RT: 5.469 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: BF123679.D
 Acq: 21 Apr 2021 21:45

Tgt Ion:112 Resp: 214572
 Ion Ratio Lower Upper
 112 100
 64 73.6 61.4 92.0
 63 39.3 33.0 49.4

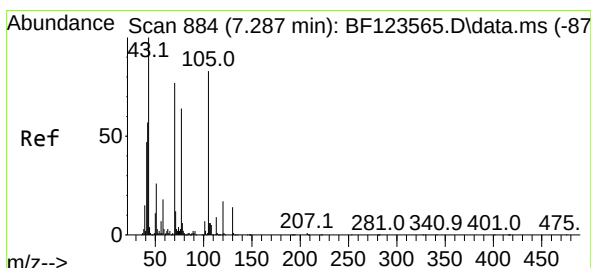
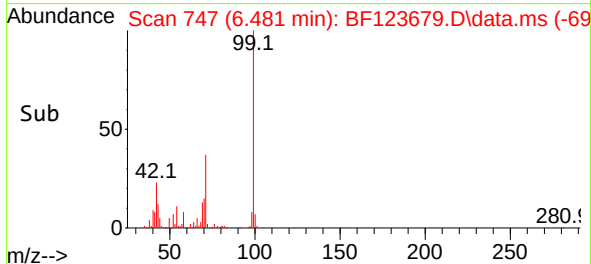
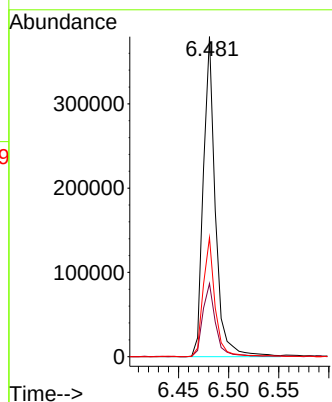
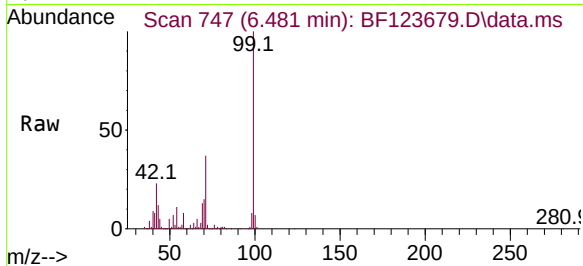




#7
Phenol-d6
Concen: 17.14 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

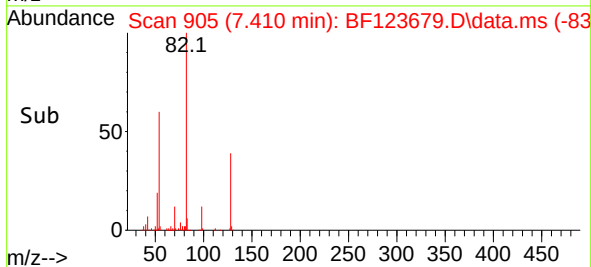
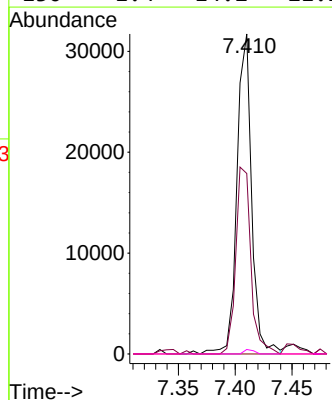
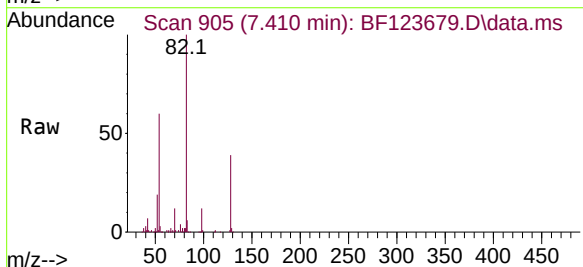
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

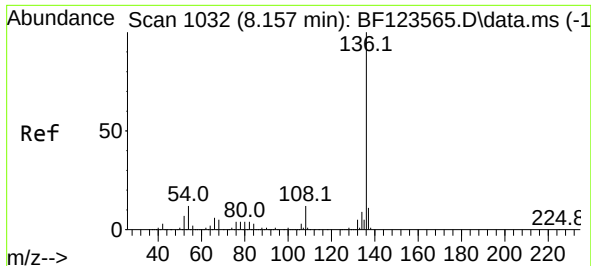
Tgt Ion: 99 Resp: 318806
Ion Ratio Lower Upper
99 100
42 22.8 19.8 29.8
71 37.2 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.31 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion: 70 Resp: 28498
Ion Ratio Lower Upper
70 100
42 56.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#

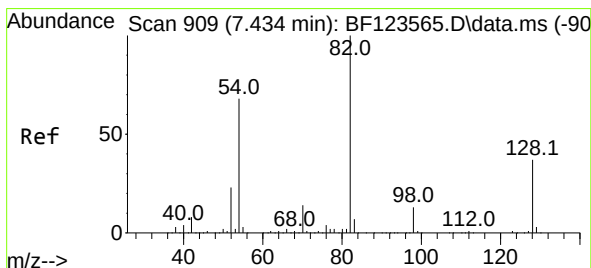
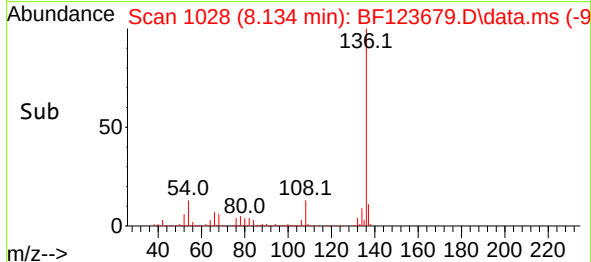
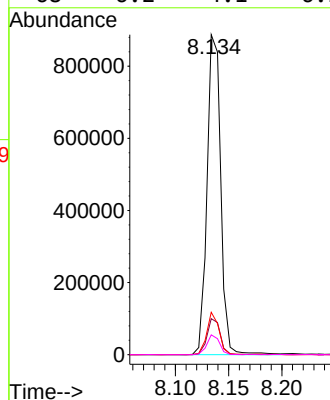
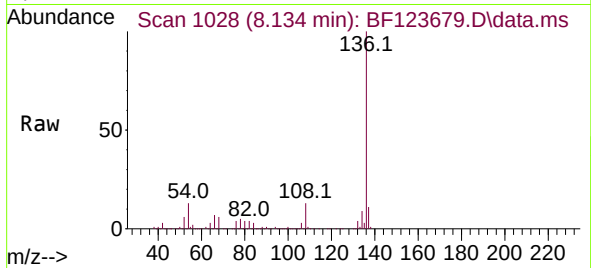




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

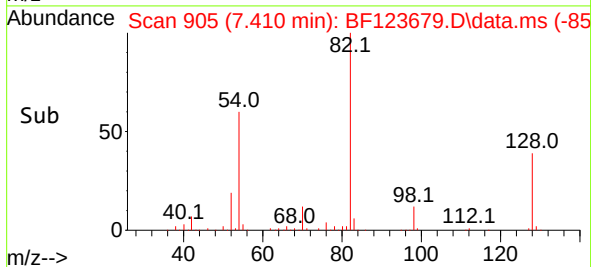
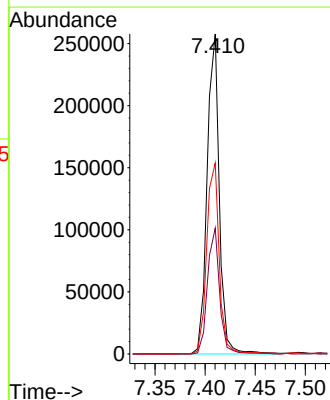
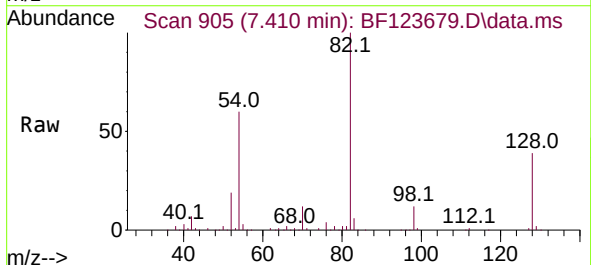
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

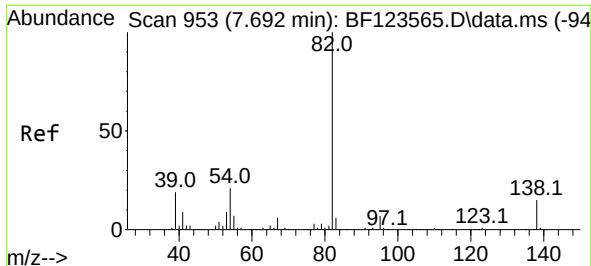
Tgt Ion:136	Resp: 796068
Ion Ratio	Lower Upper
136 100	
137 11.2	8.7 13.1
54 13.3	9.8 14.6
68 6.2	4.1 6.1#



#23
Nitrobenzene-d5
Concen: 12.64 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion: 82	Resp: 218945
Ion Ratio	Lower Upper
82 100	
128 39.4	29.4 44.2
54 59.7	54.1 81.1

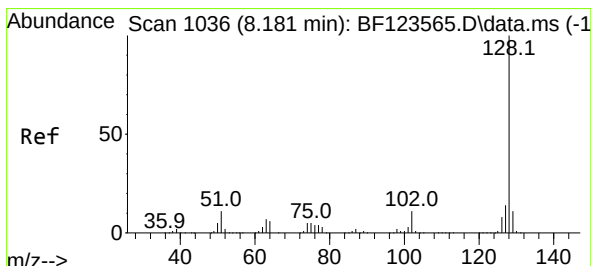
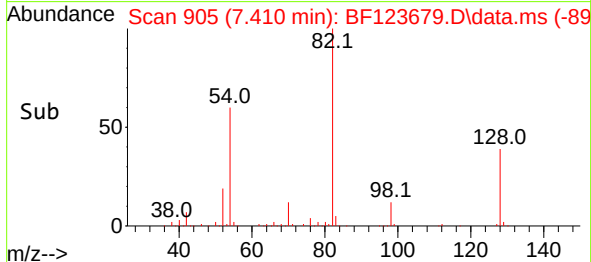
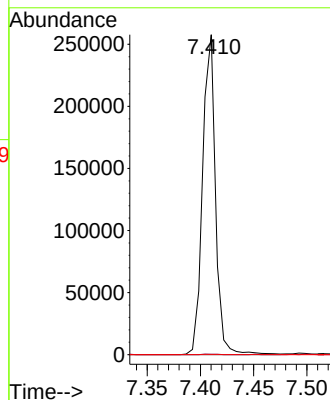
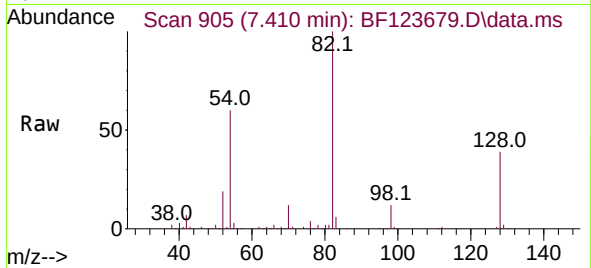




#25
Isophorone
Concen: 6.52 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

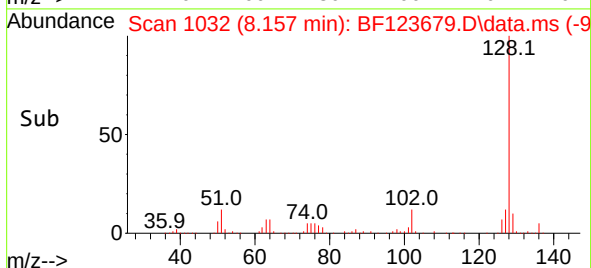
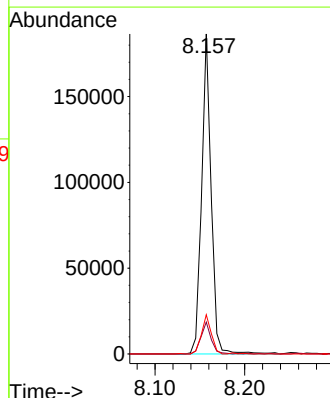
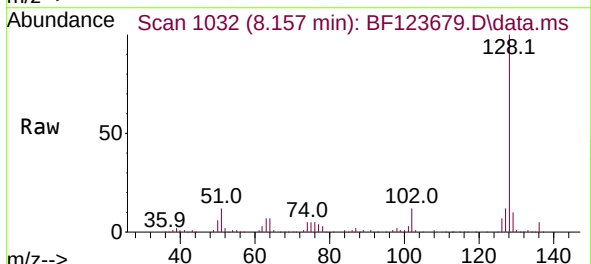
Instrument :
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ClientSampleId :
SEDGWICK-COMP-2

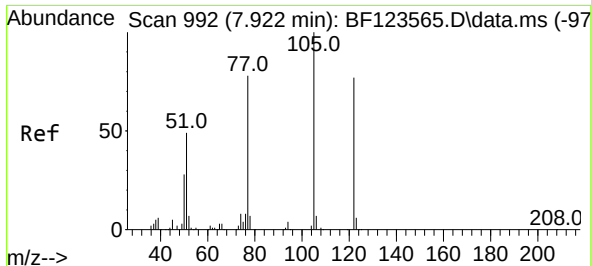
Tgt Ion: 82 Resp: 218979
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 11.8 17.8#



#31
Naphthalene
Concen: 3.35 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion: 128 Resp: 137483
Ion Ratio Lower Upper
128 100
129 9.9 8.9 13.3
127 12.3 10.8 16.2

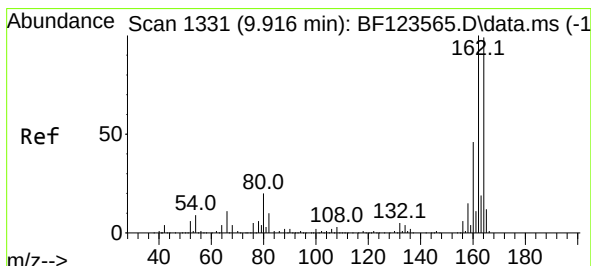
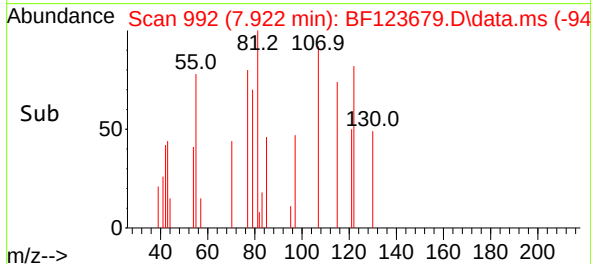
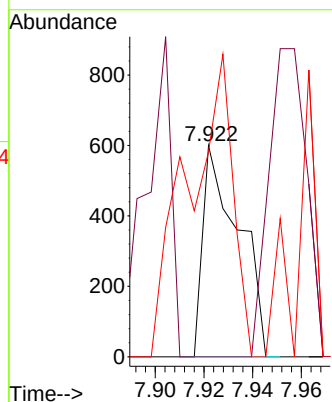
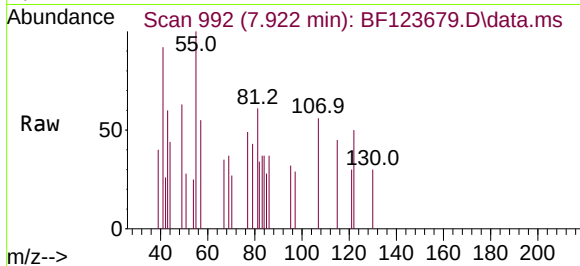




#32
Benzoic acid
Concen: 4.62 ng
RT: 7.922 min Scan# 992
Delta R.T. 0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

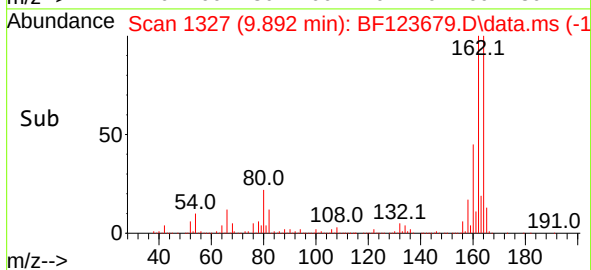
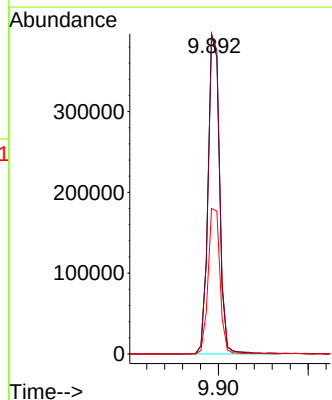
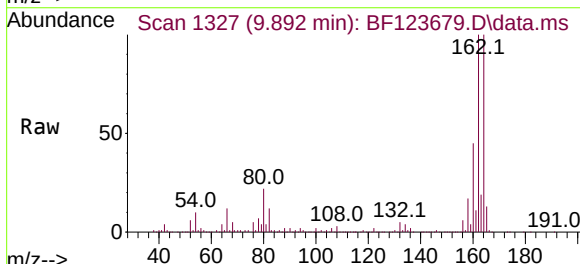
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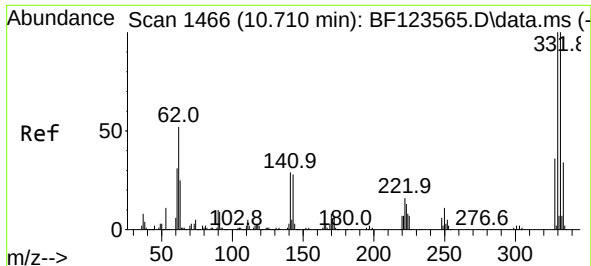
Tgt Ion:122 Resp: 613
Ion Ratio Lower Upper
122 100
105 0.0 107.8 147.8#
77 97.0 81.6 121.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:164 Resp: 350579
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 45.6 37.3 55.9

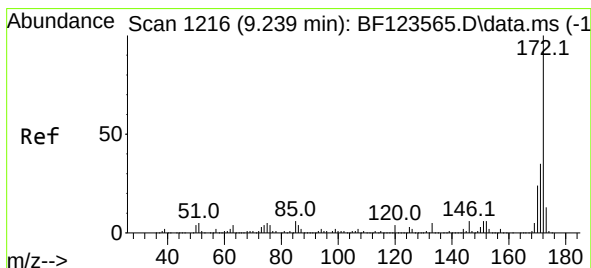
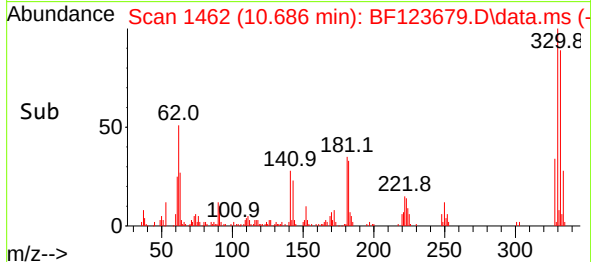
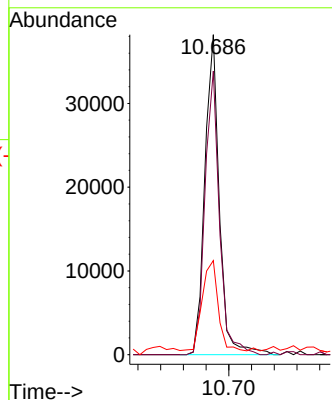
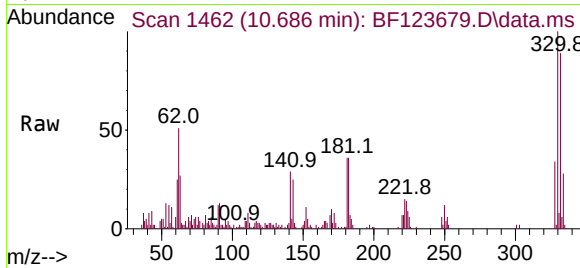




#42
2,4,6-Tribromophenol
Concen: 8.51 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

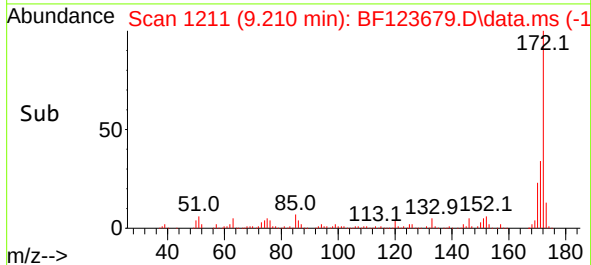
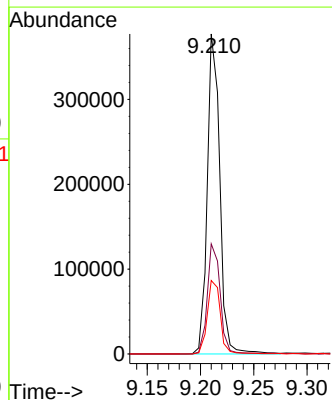
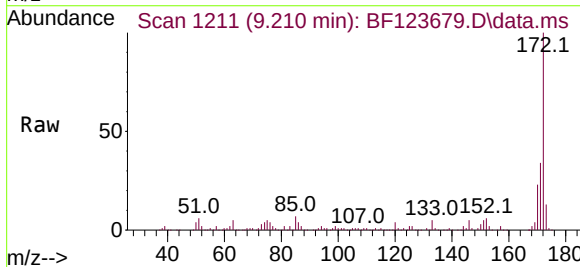
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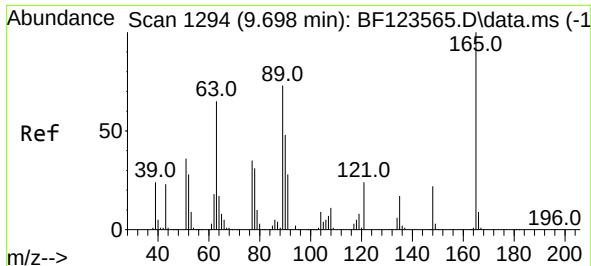
Tgt Ion:	330	Resp:	33790
Ion Ratio	Lower	Upper	
330	100		
332	88.5	77.1	115.7
141	31.2	27.9	41.9



#45
2-Fluorobiphenyl
Concen: 13.16 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:	172	Resp:	309457
Ion Ratio	Lower	Upper	
172	100		
171	34.4	28.1	42.1
170	23.0	19.2	28.8

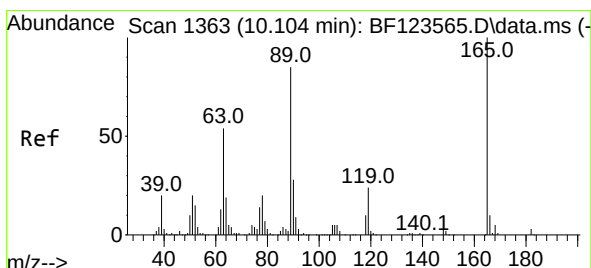
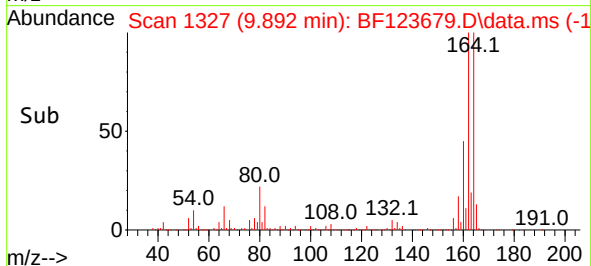
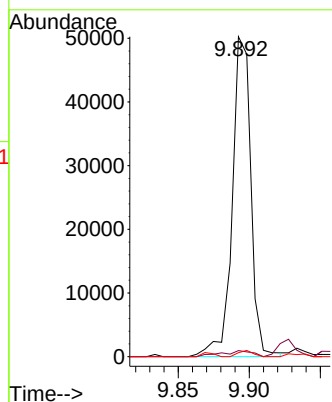
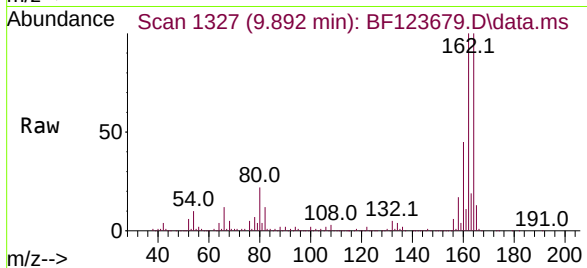




#51
2,6-Dinitrotoluene
Concen: 8.63 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.212 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

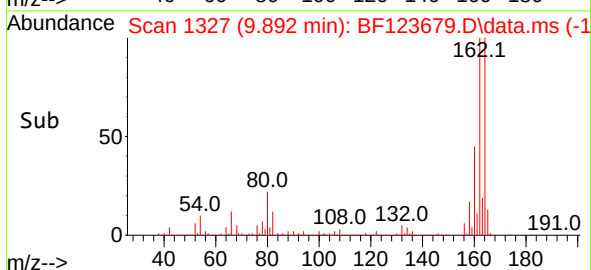
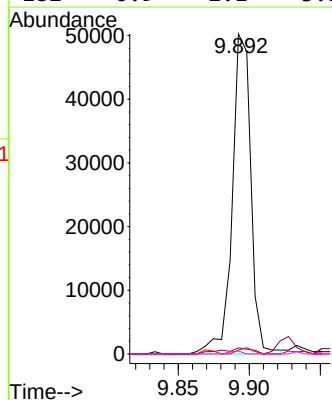
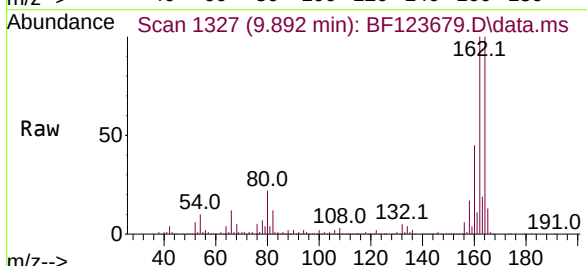
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

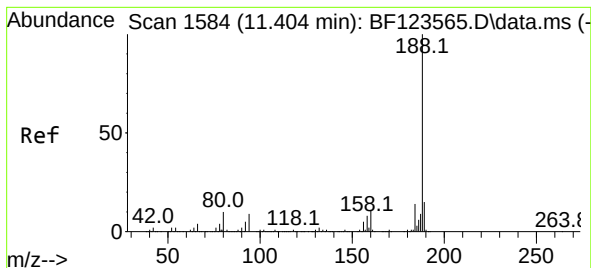
Tgt Ion:165 Resp: 45888
Ion Ratio Lower Upper
165 100
63 1.9 67.7 101.5#
89 1.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.46 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.188 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:165 Resp: 45888
Ion Ratio Lower Upper
165 100
63 1.9 43.5 65.3#
89 1.2 67.7 101.5#
182 0.9 2.1 3.1#

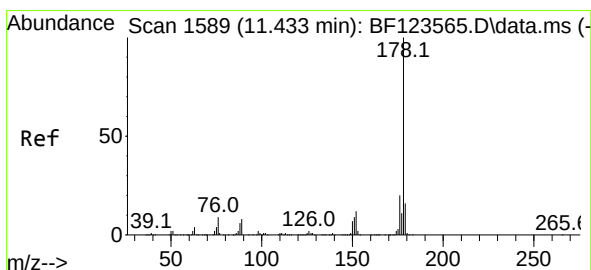
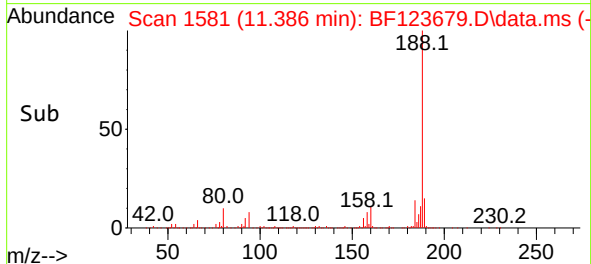
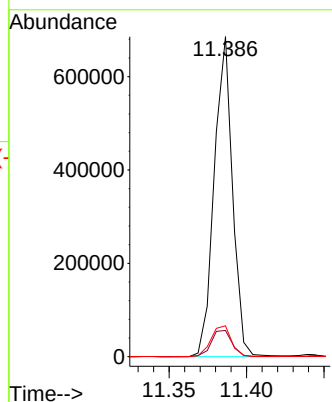
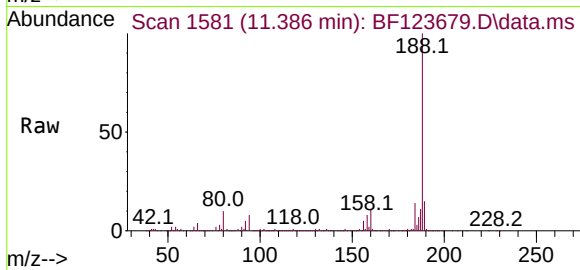




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

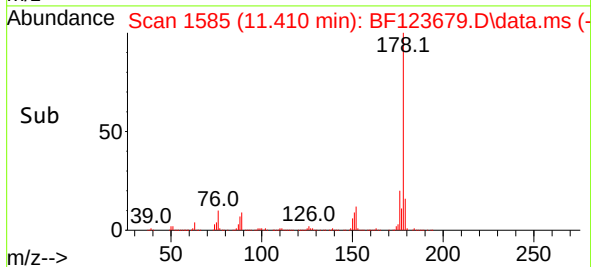
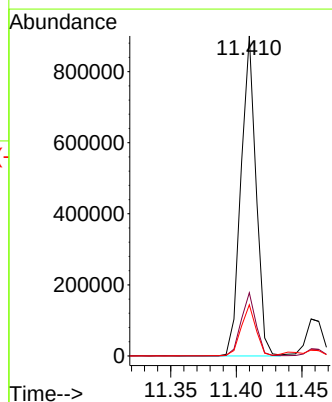
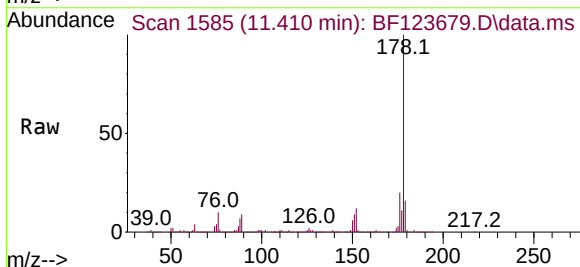
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

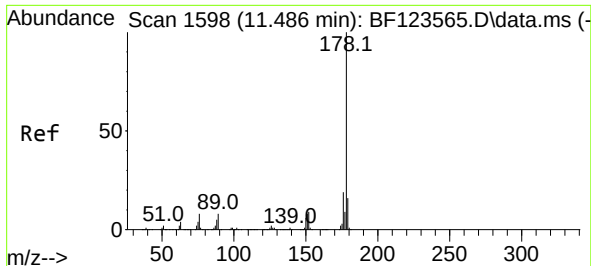
Tgt Ion:188 Resp: 561936
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.6 8.2 12.2



#71
Phenanthrene
Concen: 24.63 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:178 Resp: 722459
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 16.0 12.5 18.7

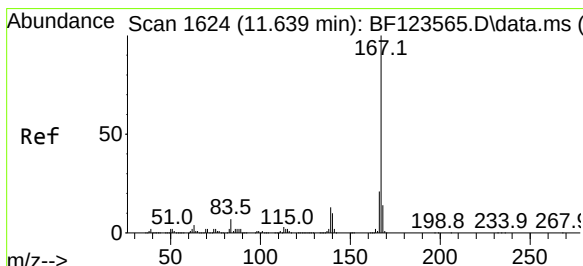
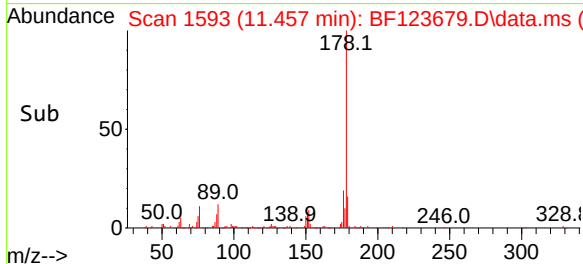
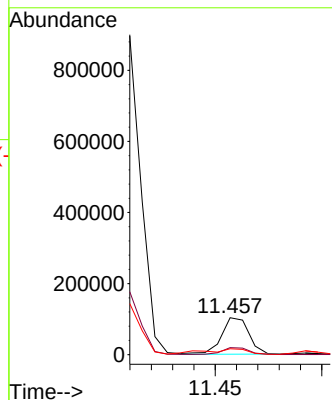
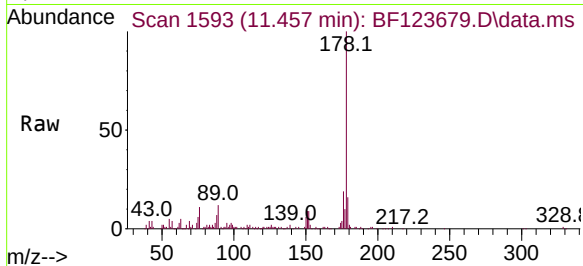




#72
 Anthracene
 Concen: 3.13 ng
 RT: 11.457 min Scan# 1593
 Delta R.T. -0.006 min
 Lab File: BF123679.D
 Acq: 21 Apr 2021 21:45

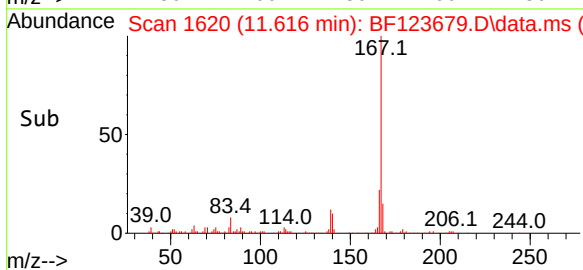
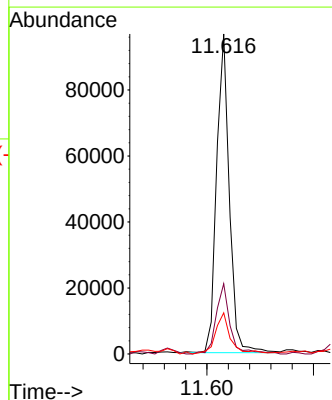
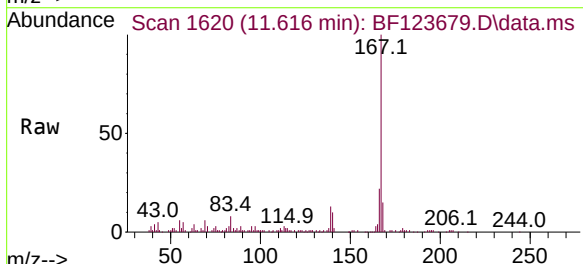
Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-2

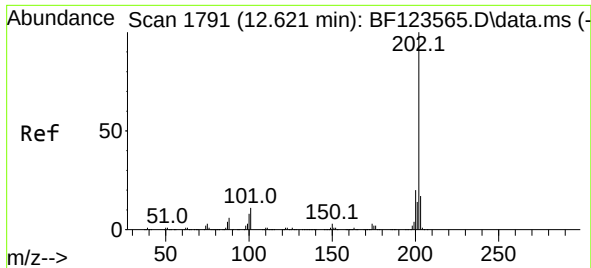
Tgt Ion:178 Resp: 91800
 Ion Ratio Lower Upper
 178 100
 176 19.2 15.4 23.0
 179 16.1 12.6 18.8



#73
 Carbazole
 Concen: 2.73 ng
 RT: 11.616 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: BF123679.D
 Acq: 21 Apr 2021 21:45

Tgt Ion:167 Resp: 79885
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 12.9 10.4 15.6

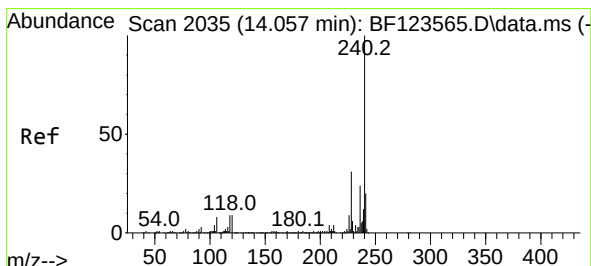
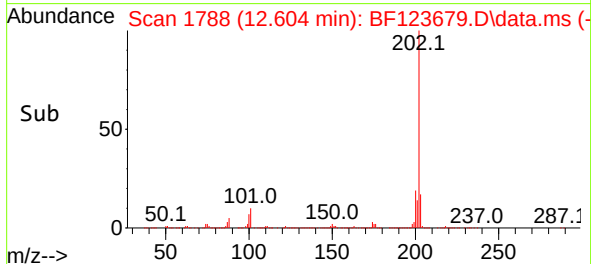
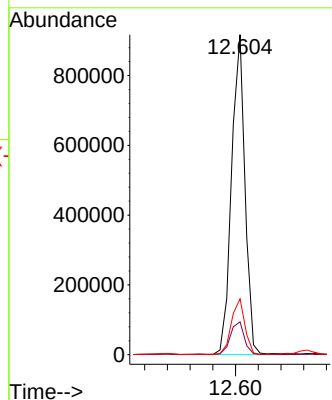
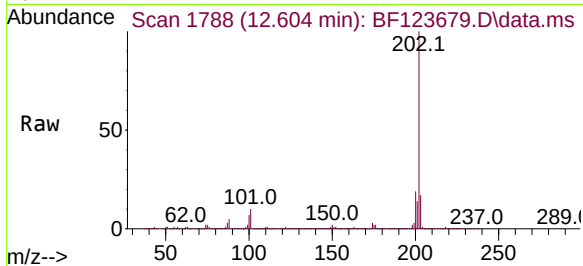




#75
Fluoranthene
Concen: 23.28 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

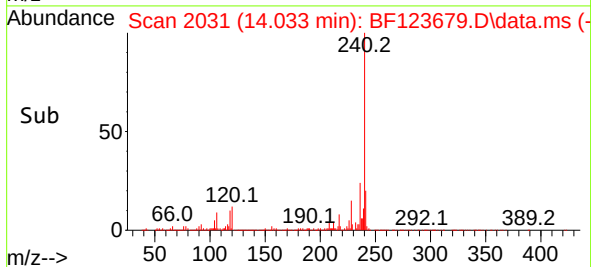
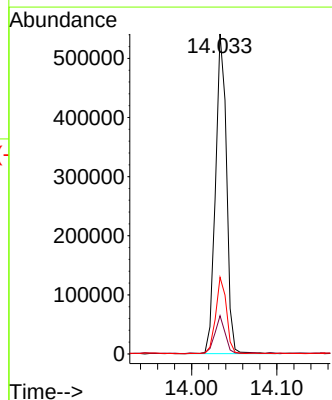
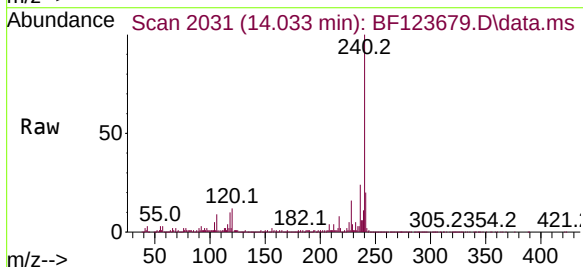
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

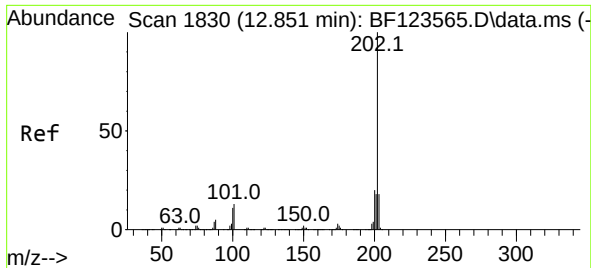
Tgt Ion:202 Resp: 750238
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.9
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:240 Resp: 485772
Ion Ratio Lower Upper
240 100
120 12.0 7.2 10.8#
236 24.0 19.0 28.4

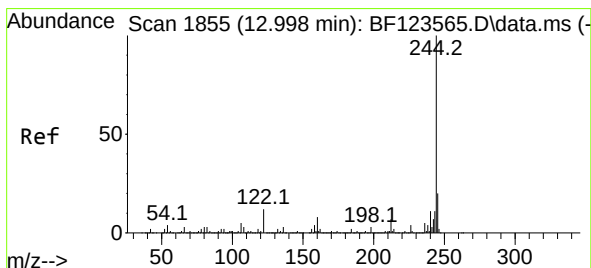
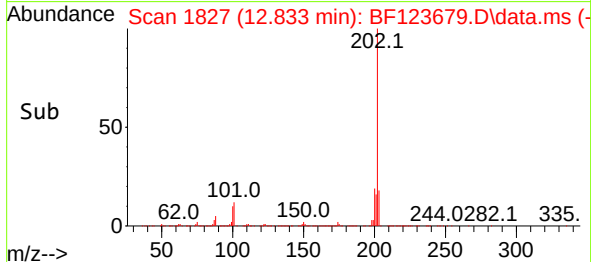
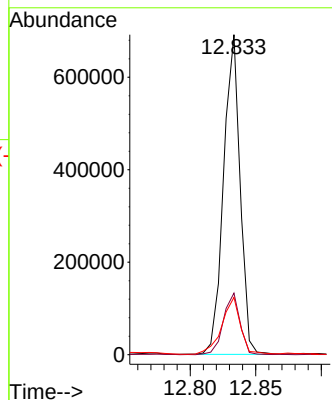
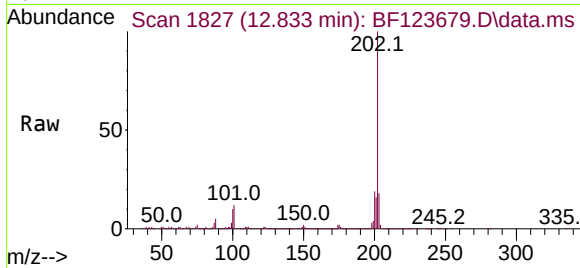




#78
Pyrene
Concen: 17.09 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

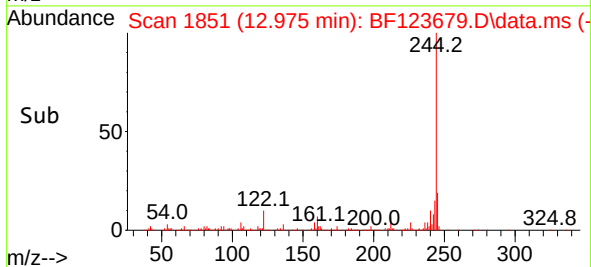
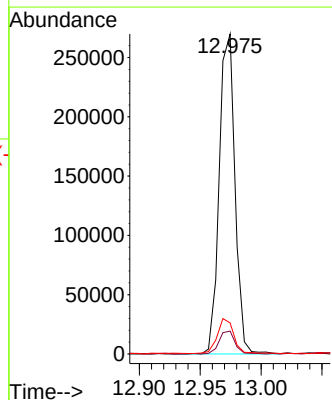
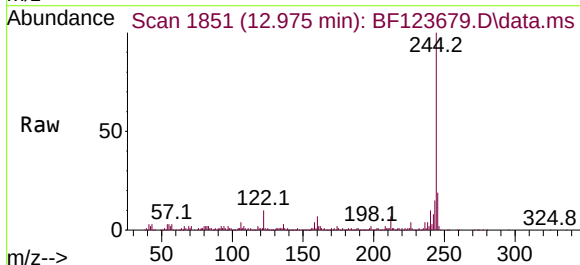
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

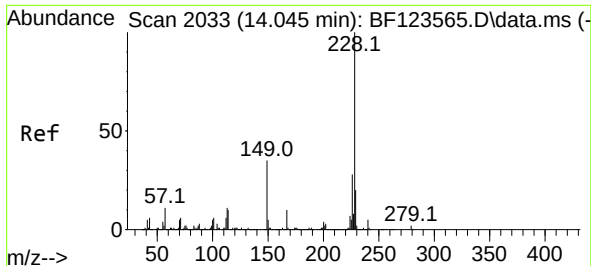
Tgt Ion:202 Resp: 605909
Ion Ratio Lower Upper
202 100
200 19.3 16.1 24.1
203 17.9 14.8 22.2



#79
Terphenyl-d14
Concen: 9.75 ng
RT: 12.975 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:244 Resp: 243743
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.7 9.7 14.5

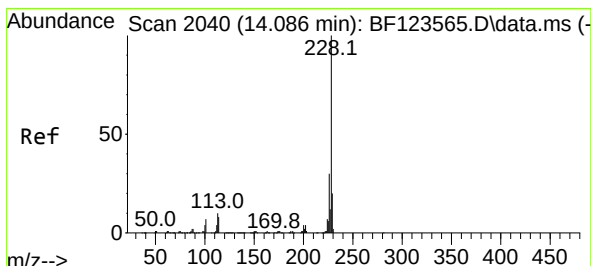
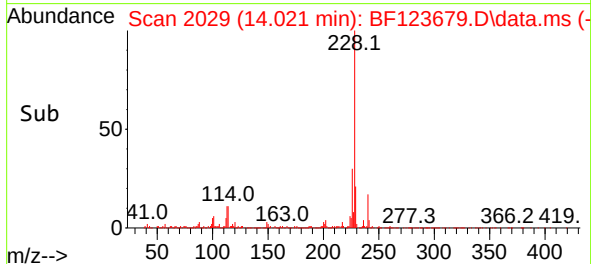
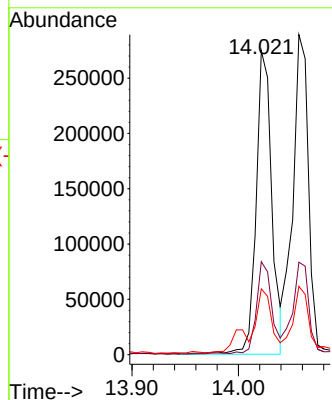
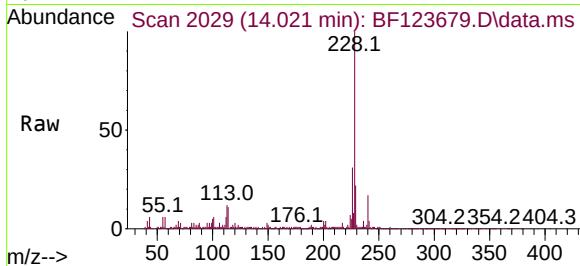




#81
Benzo(a)anthracene
Concen: 9.43 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

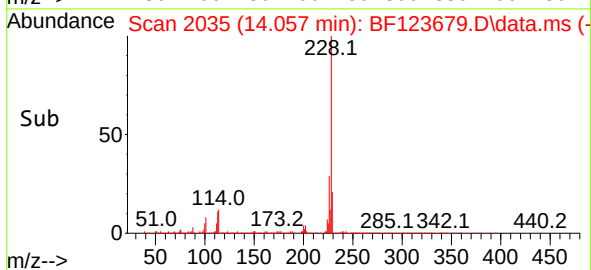
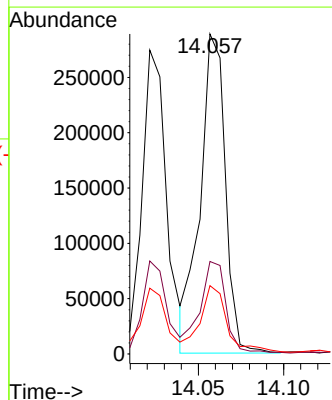
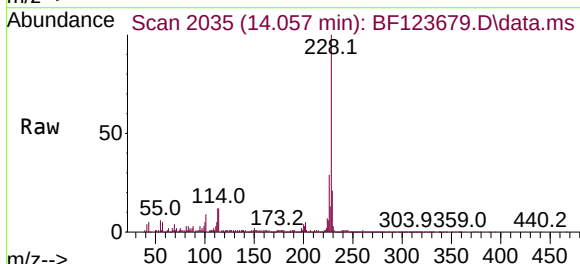
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

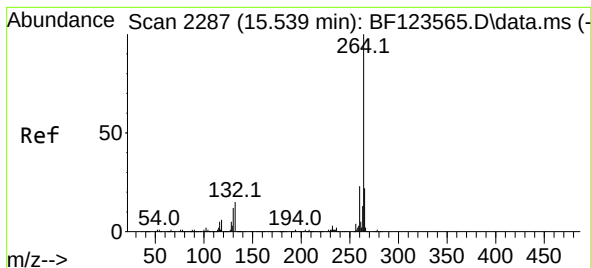
Tgt Ion:228 Resp: 280641
Ion Ratio Lower Upper
228 100
226 30.6 22.4 33.6
229 21.6 16.0 24.0



#83
Chrysene
Concen: 9.92 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:228 Resp: 296561
Ion Ratio Lower Upper
228 100
226 28.9 24.3 36.5
229 21.4 16.2 24.2



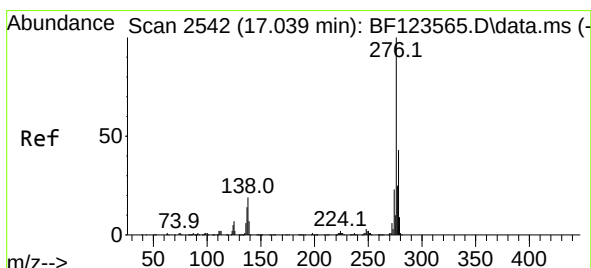
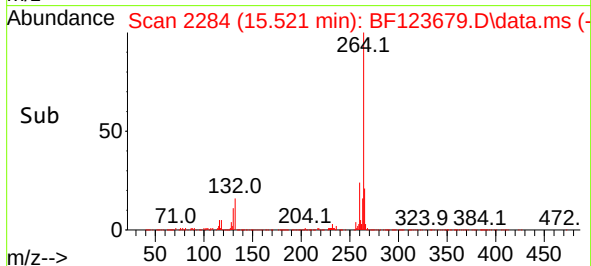
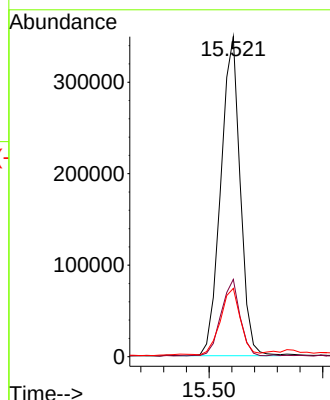
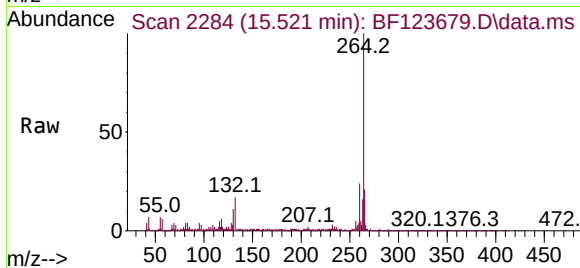


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.018 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

Tgt Ion:264 Resp: 414609

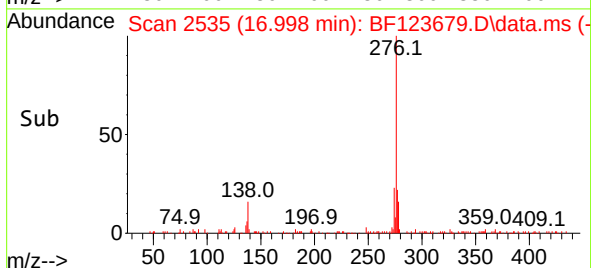
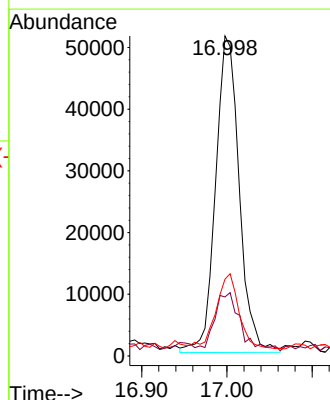
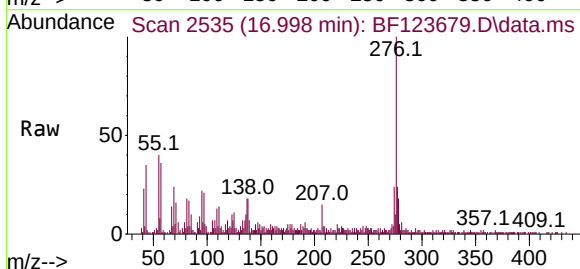
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.4	17.8	26.8

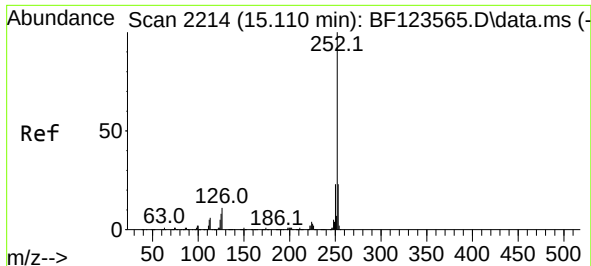


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.48 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:276 Resp: 99094

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.2	24.2
277	22.8	20.1	30.1

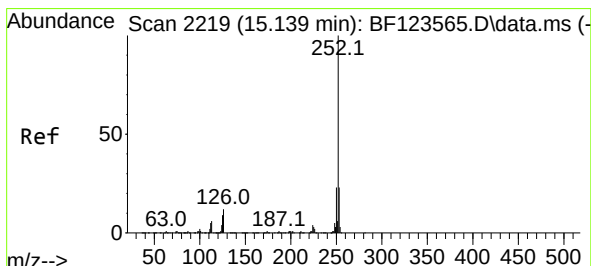
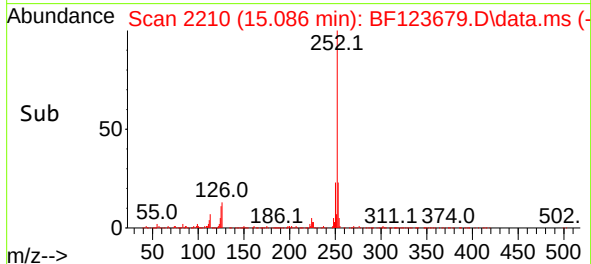
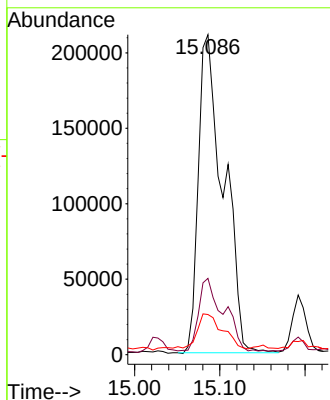
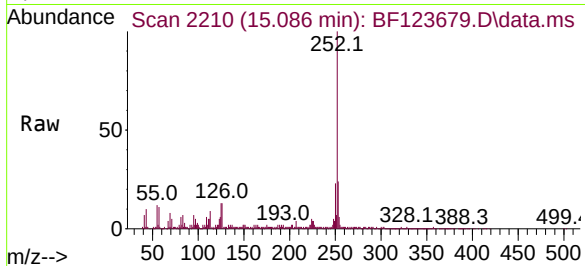




#88
Benzo(b)fluoranthene
Concen: 14.73 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

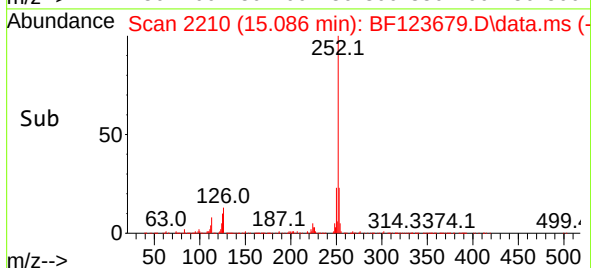
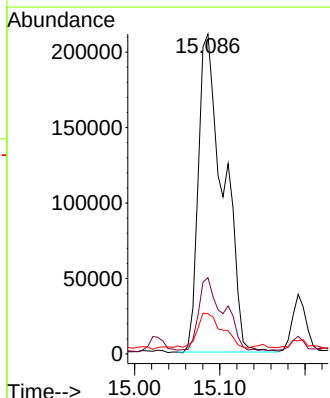
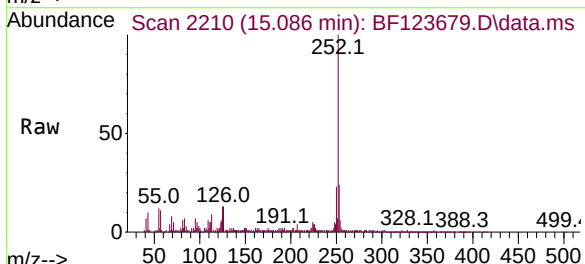
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

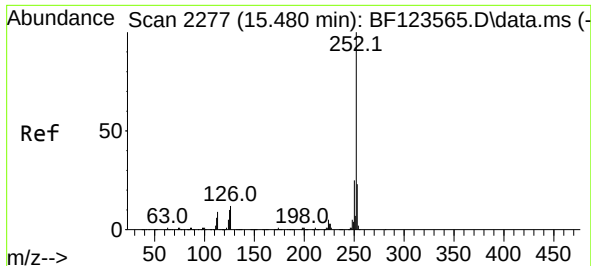
Tgt Ion:252 Resp: 431314
Ion Ratio Lower Upper
252 100
253 23.9 18.1 27.1
125 12.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 15.41 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.023 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:252 Resp: 431314
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 12.5 7.0 10.6#

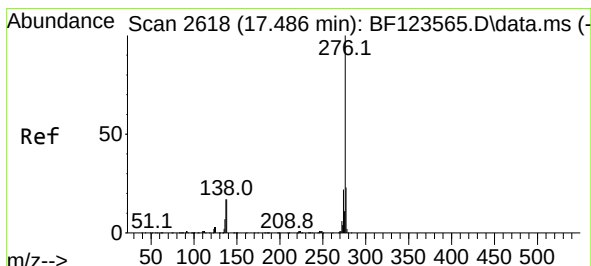
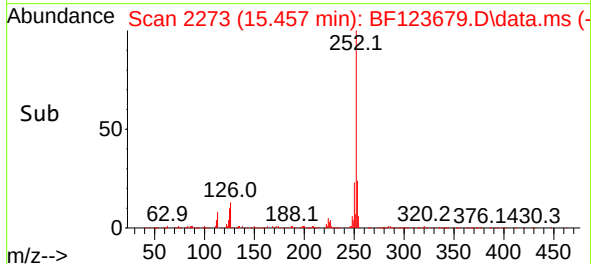
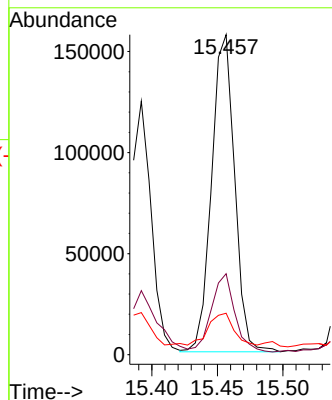
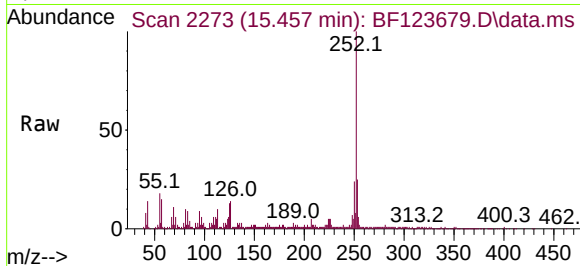




#90
Benzo(a)pyrene
Concen: 8.24 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-2

Tgt Ion:252 Resp: 191782
Ion Ratio Lower Upper
252 100
253 25.3 18.4 27.6
125 13.0 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 5.72 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF123679.D
Acq: 21 Apr 2021 21:45

Tgt Ion:276 Resp: 91382
Ion Ratio Lower Upper
276 100
277 27.4 18.2 27.2#
138 25.0 13.8 20.6#

