

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123680.D
 Acq On : 21 Apr 2021 22:17
 Operator : JU/CG
 Sample : M2090-13 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-3

Quant Time: Apr 22 00:57:11 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)

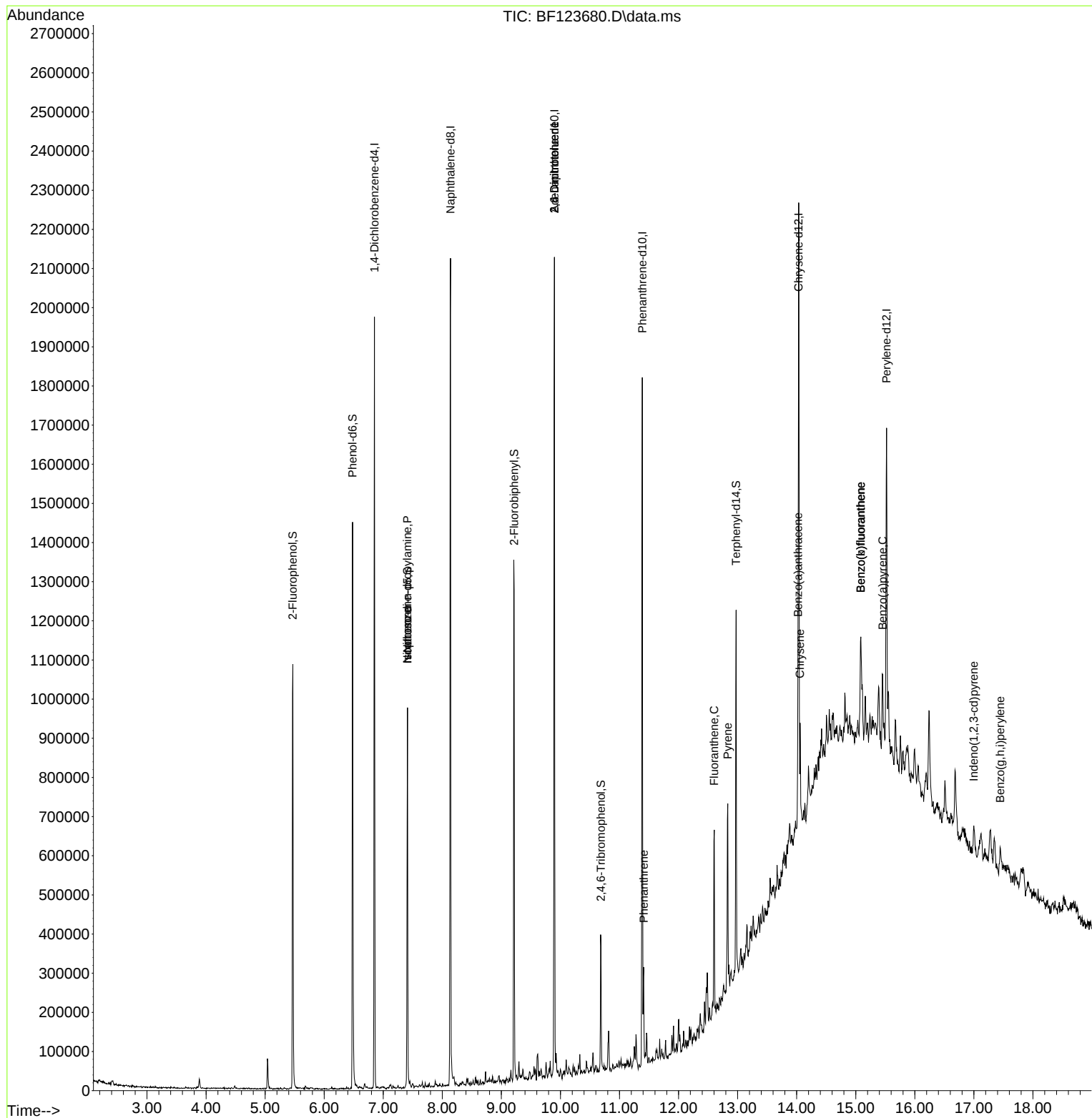
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	242181	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	895126	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	393147	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	593066	20.00	ng	0.00
76) Chrysene-d12	14.033	240	490288	20.00	ng	# 0.00
86) Perylene-d12	15.521	264	389851	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	266840	17.81	ng	0.00
7) Phenol-d6	6.481	99	389222	18.75	ng	-0.01
23) Nitrobenzene-d5	7.410	82	266082	13.67	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	40373	9.07	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	407749	15.46	ng	0.00
79) Terphenyl-d14	12.974	244	279736	11.09	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.410	70	36045	2.62	ng	# 73
25) Isophorone	7.410	82	263870	6.99	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	50276	8.43	ng	# 11
57) 2,4-Dinitrotoluene	9.898	165	50276	6.31	ng	# 17
71) Phenanthrene	11.410	178	86746	2.80	ng	95
75) Fluoranthene	12.604	202	194086	5.71	ng	97
78) Pyrene	12.833	202	204738	5.72	ng	98
81) Benzo(a)anthracene	14.021	228	113624	3.78	ng	93
83) Chrysene	14.057	228	105711	3.50	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	45277	2.18	ng	# 95
88) Benzo(b)fluoranthene	15.086	252	166043	6.03	ng	# 93
89) Benzo(k)fluoranthene	15.086	252	166043	5.33	ng	# 93
90) Benzo(a)pyrene	15.456	252	89742	4.10	ng	# 90
92) Benzo(g,h,i)perylene	17.445	276	50154	2.91	ng	# 78

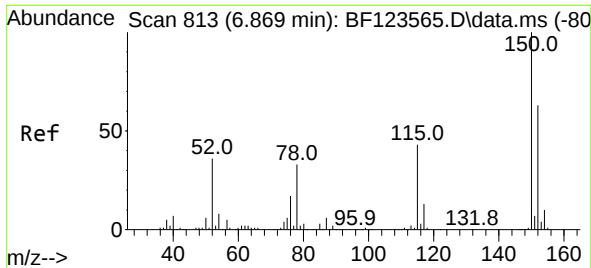
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123680.D
Acq On : 21 Apr 2021 22:17
Operator : JU/CG
Sample : M2090-13 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

Quant Time: Apr 22 00:57:11 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

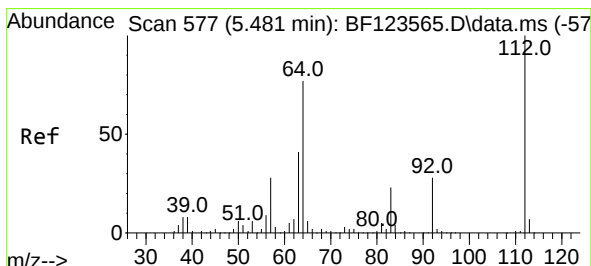
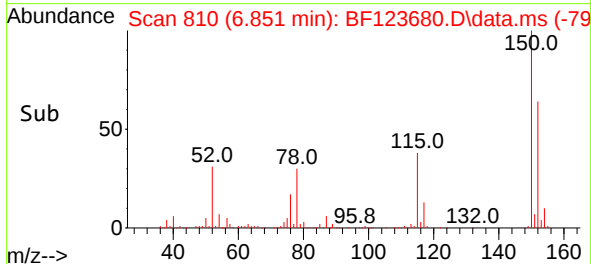
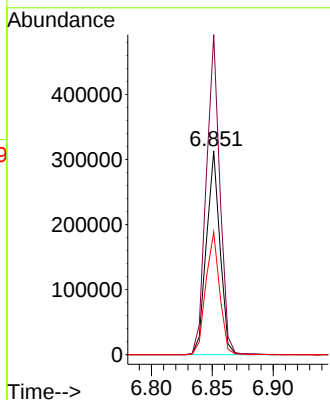
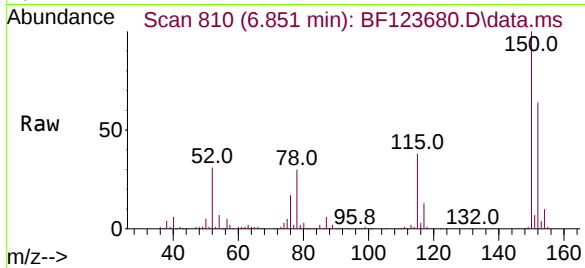




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

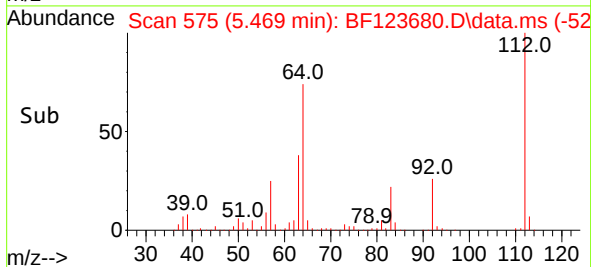
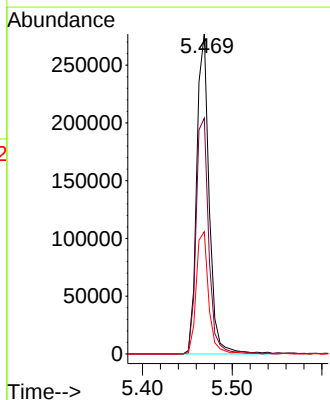
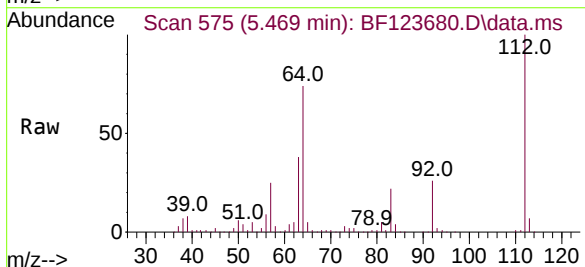
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

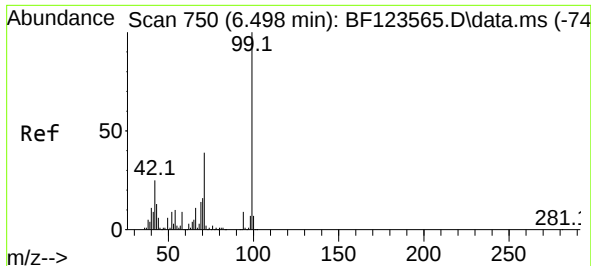
Tgt Ion:152 Resp: 242181
Ion Ratio Lower Upper
152 100
150 157.0 127.0 190.6
115 60.1 54.3 81.5



#5
2-Fluorophenol
Concen: 17.81 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:112 Resp: 266840
Ion Ratio Lower Upper
112 100
64 73.7 61.4 92.0
63 38.2 33.0 49.4

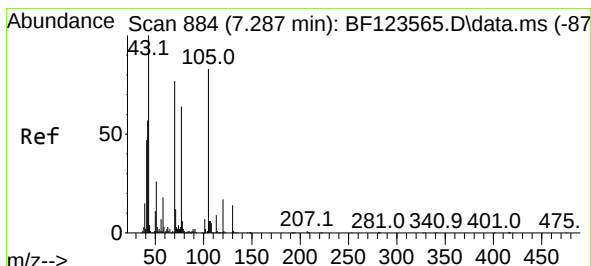
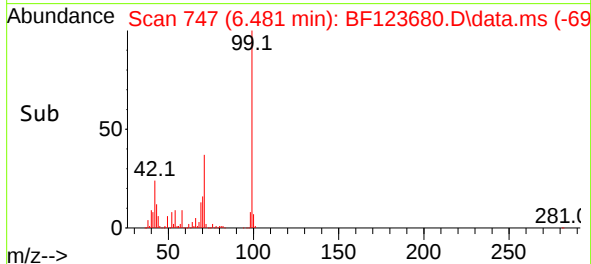
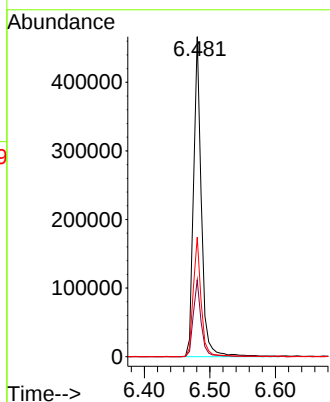
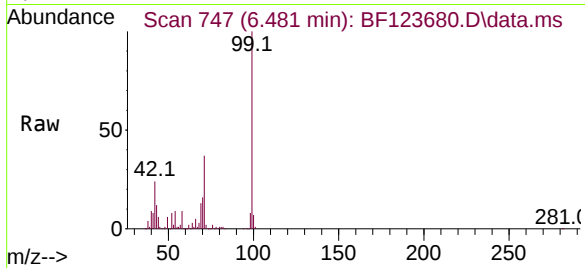




#7
Phenol-d6
Concen: 18.75 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

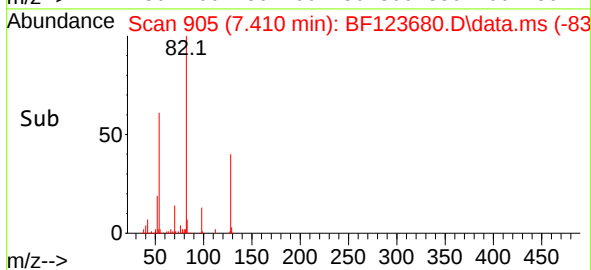
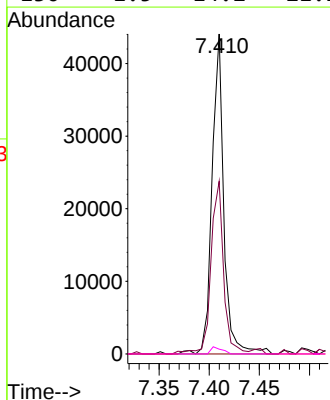
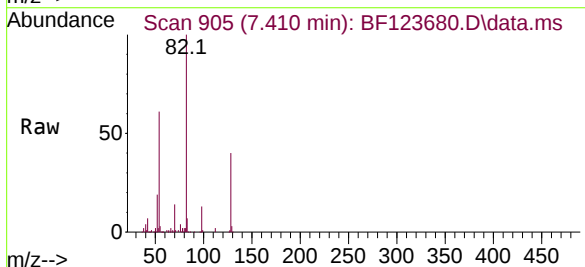
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

Tgt Ion: 99 Resp: 389222
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.8
71 37.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.62 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.141 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion: 70 Resp: 36045
Ion Ratio Lower Upper
70 100
42 53.9 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#

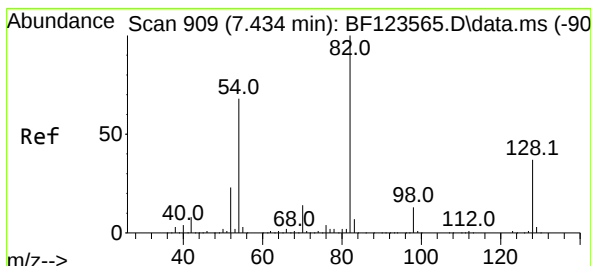
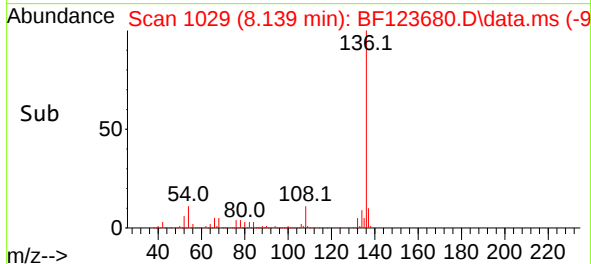
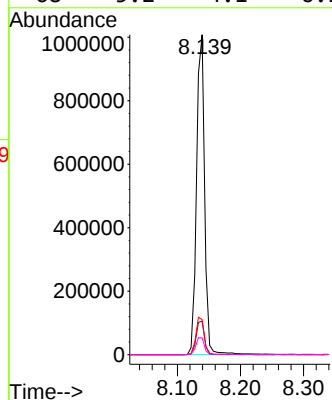
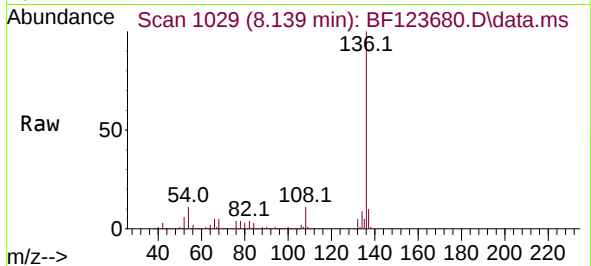




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

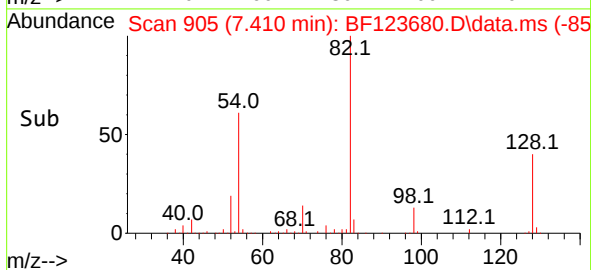
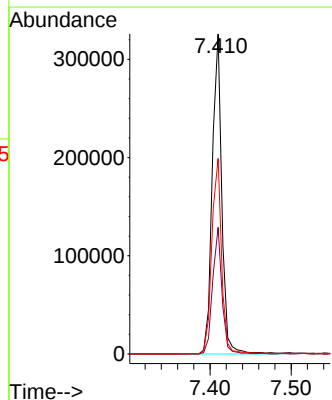
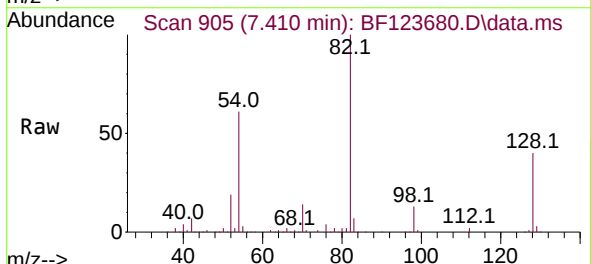
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

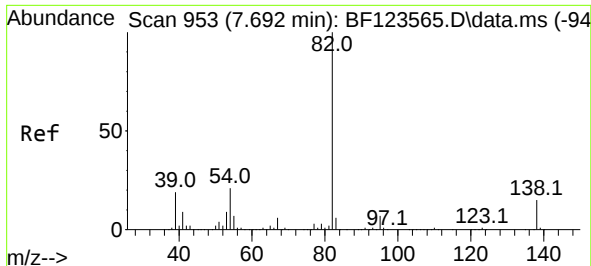
Tgt Ion:	136	Resp:	895126
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.7	13.1
54	10.9	9.8	14.6
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 13.67 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:	82	Resp:	266082
Ion Ratio	Lower	Upper	
82	100		
128	39.5	29.4	44.2
54	61.1	54.1	81.1

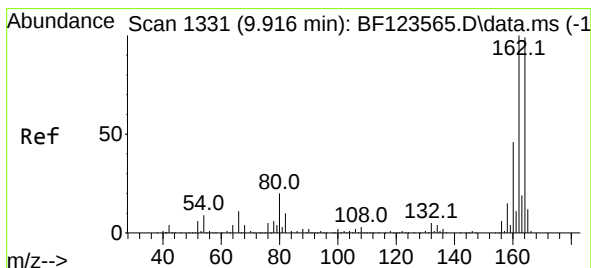
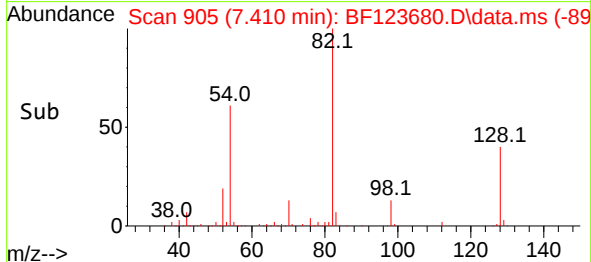
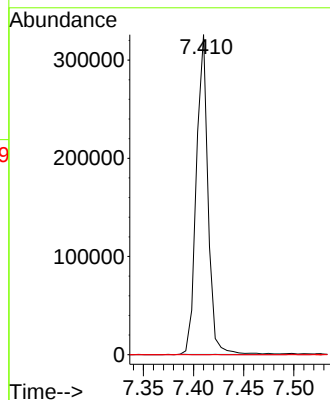
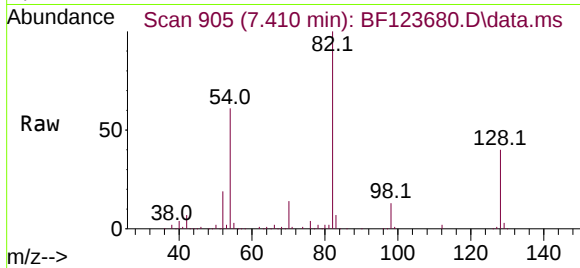




#25
Isophorone
Concen: 6.99 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.265 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

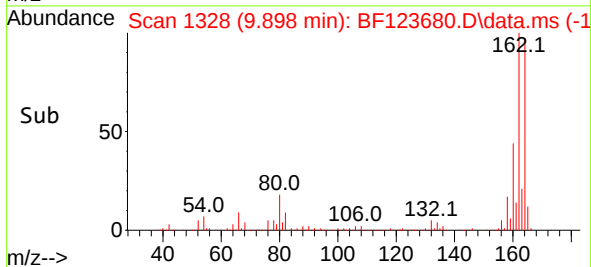
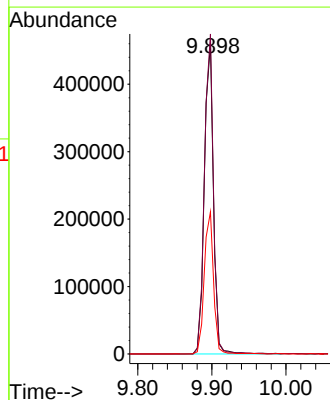
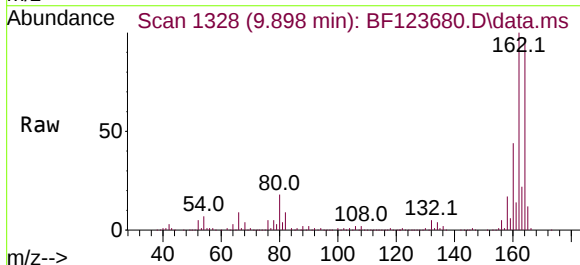
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

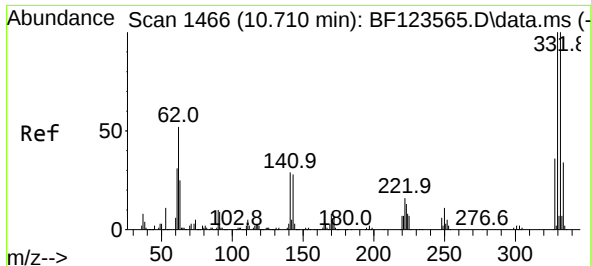
Tgt Ion: 82 Resp: 263870
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion: 164 Resp: 393147
Ion Ratio Lower Upper
164 100
162 103.2 80.7 121.1
160 45.8 37.3 55.9

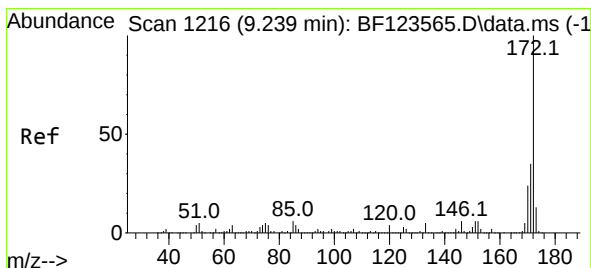
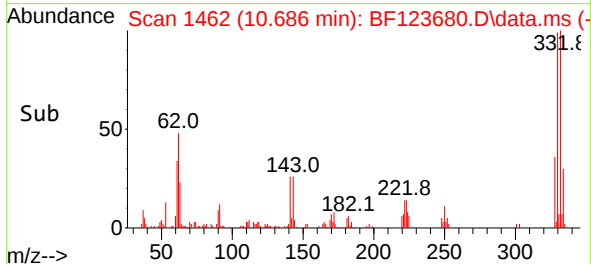
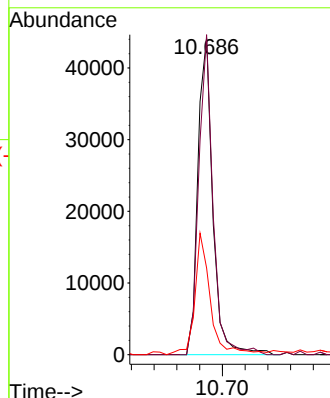
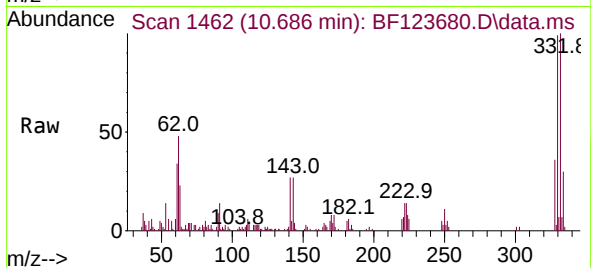




#42
2,4,6-Tribromophenol
Concen: 9.07 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

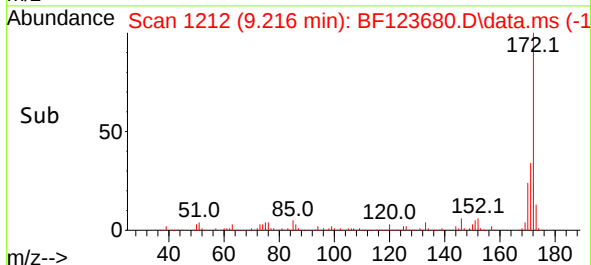
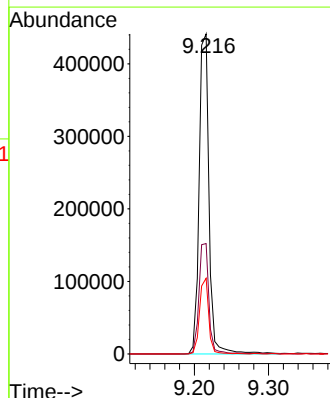
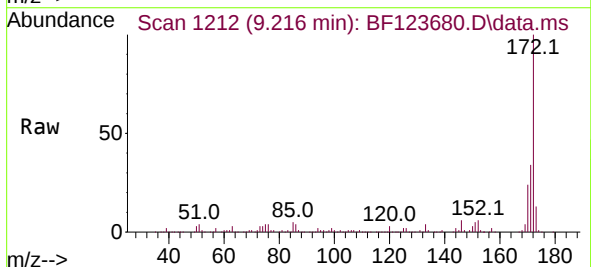
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

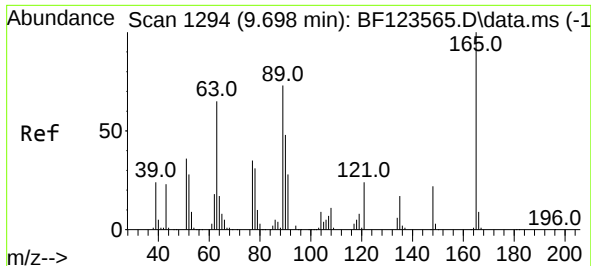
Tgt Ion: 330 Resp: 40373
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 40.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 15.46 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion: 172 Resp: 407749
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.6 19.2 28.8

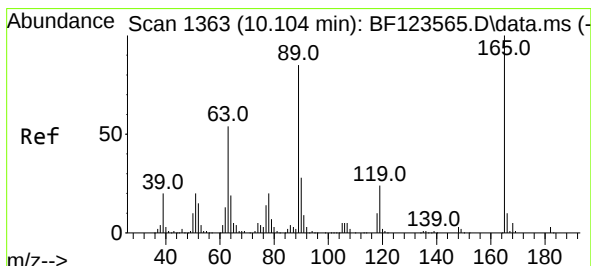
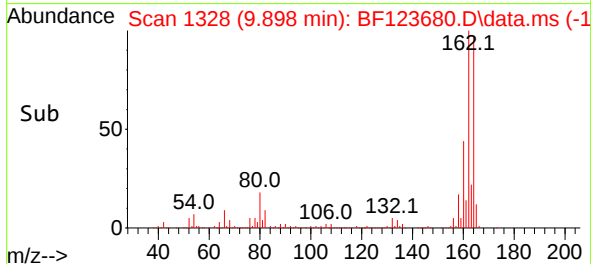
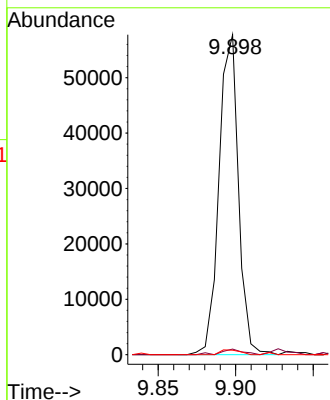
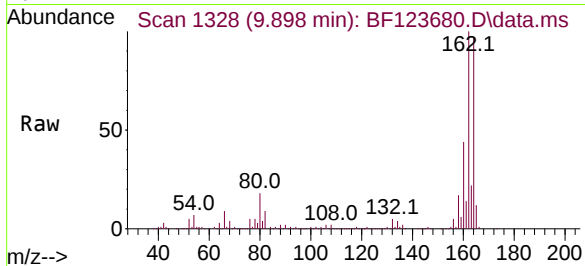




#51
2,6-Dinitrotoluene
Concen: 8.43 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.217 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

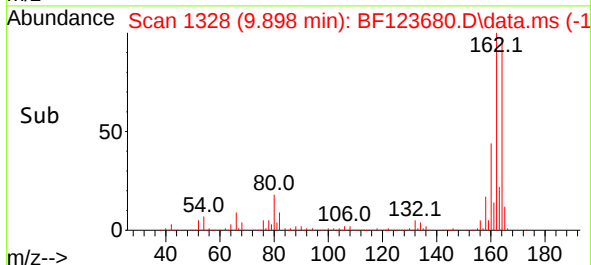
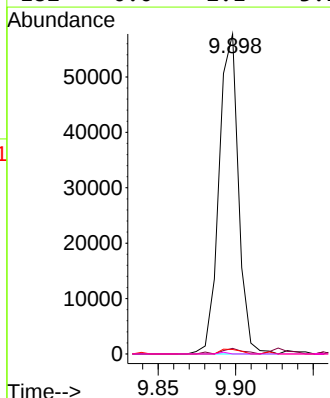
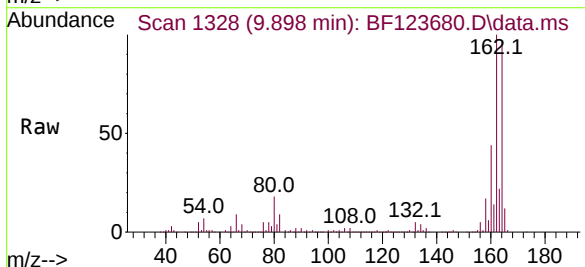
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

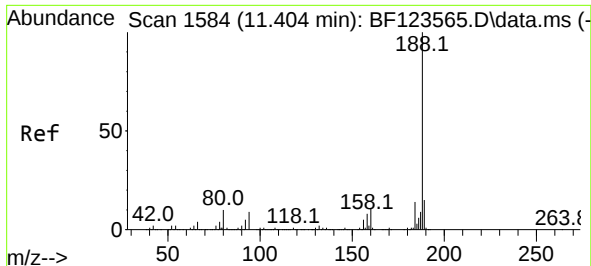
Tgt Ion:165 Resp: 50276
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.4 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.31 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.183 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:165 Resp: 50276
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 1.4 67.7 101.5#
182 0.0 2.1 3.1#

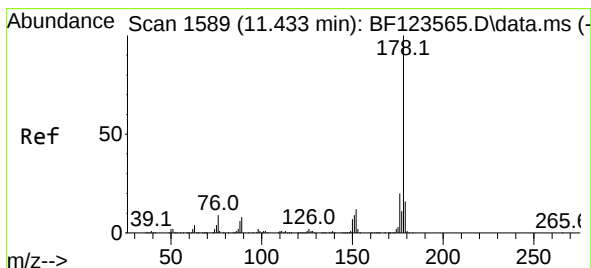
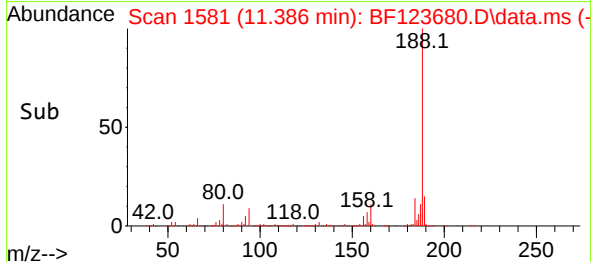
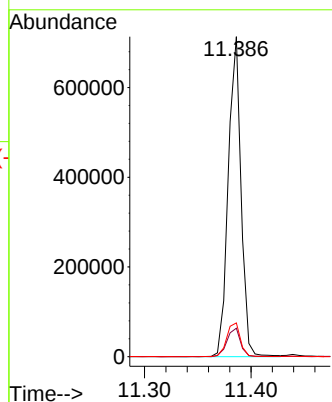
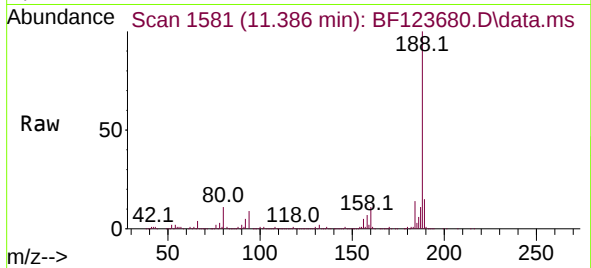




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

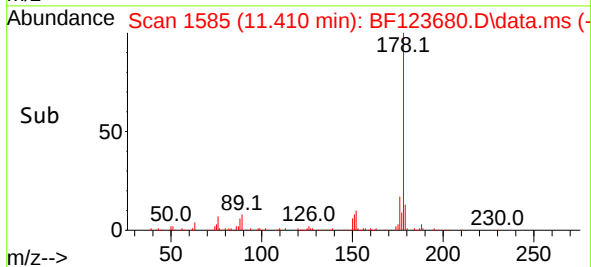
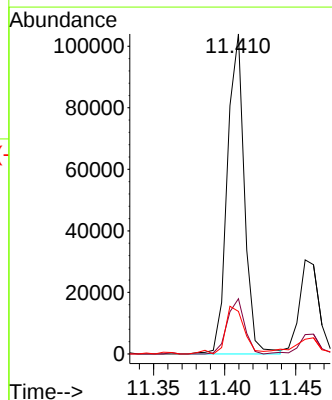
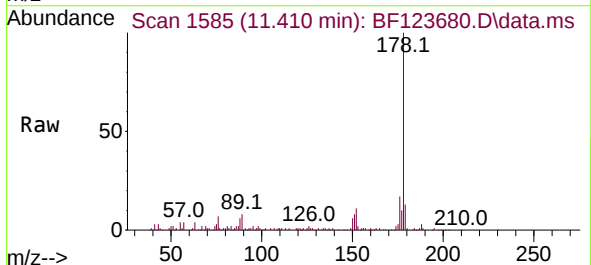
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

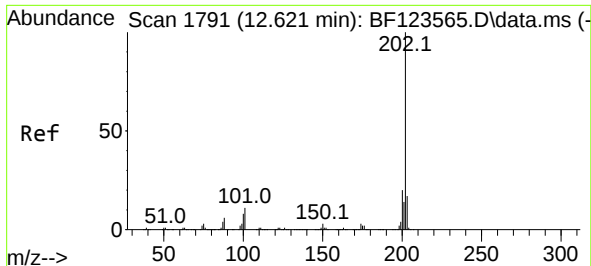
Tgt Ion:188 Resp: 593066
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 10.6 8.2 12.2



#71
Phenanthrene
Concen: 2.80 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:178 Resp: 86746
Ion Ratio Lower Upper
178 100
176 17.2 15.6 23.4
179 13.3 12.5 18.7

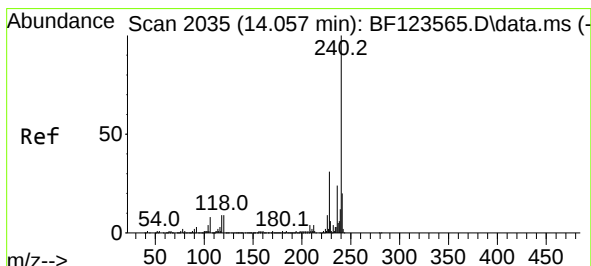
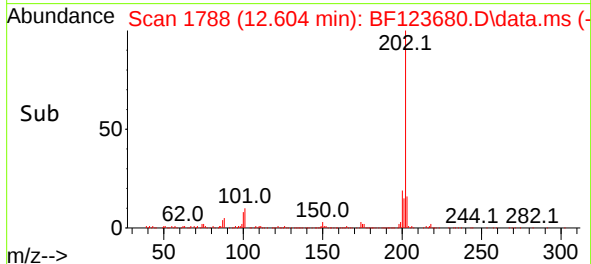
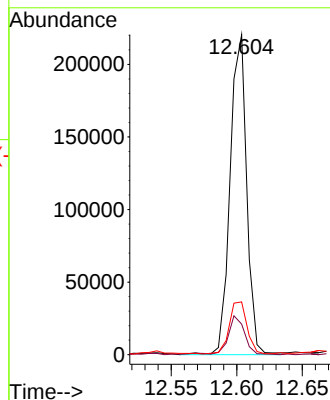
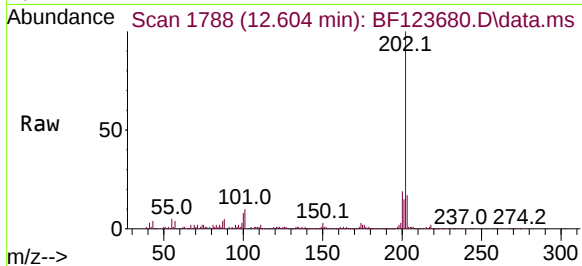




#75
Fluoranthene
Concen: 5.71 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

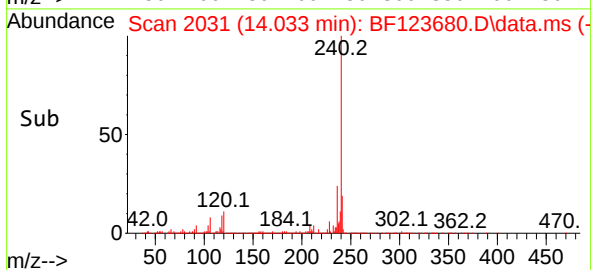
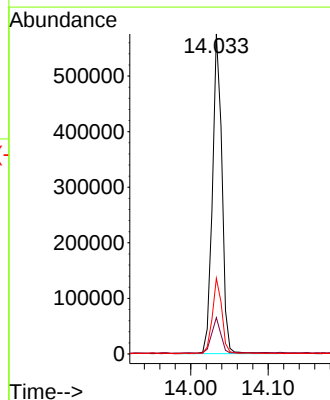
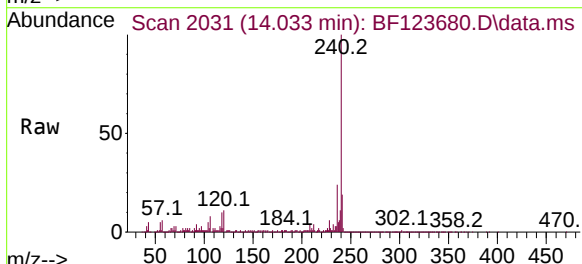
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

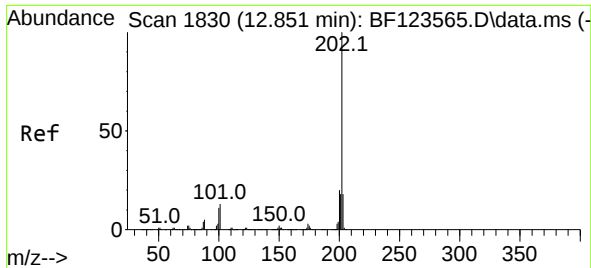
Tgt Ion:202 Resp: 194086
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.9
203 16.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:240 Resp: 490288
Ion Ratio Lower Upper
240 100
120 11.3 7.2 10.8#
236 23.7 19.0 28.4

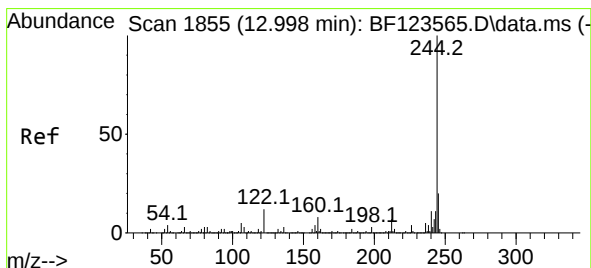
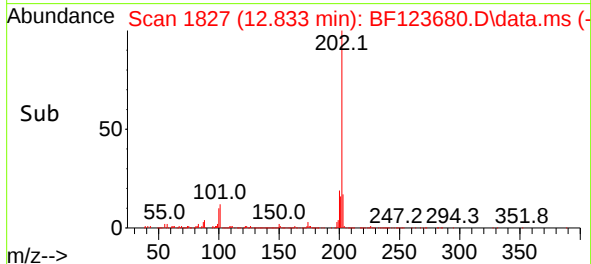
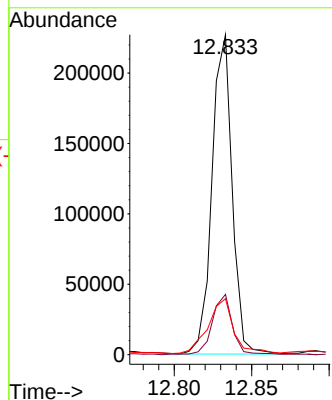
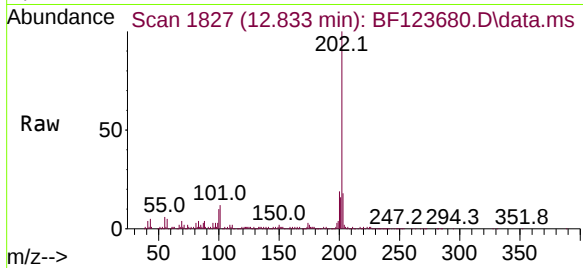




#78
Pyrene
Concen: 5.72 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

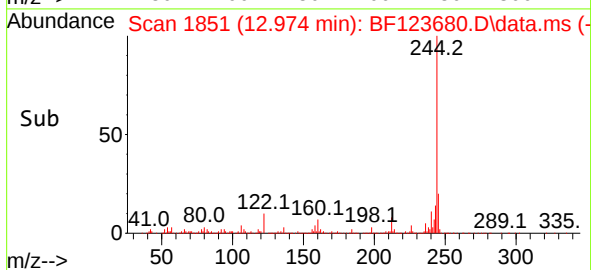
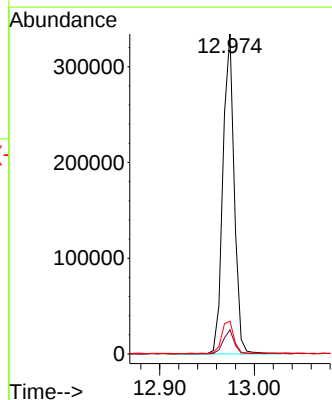
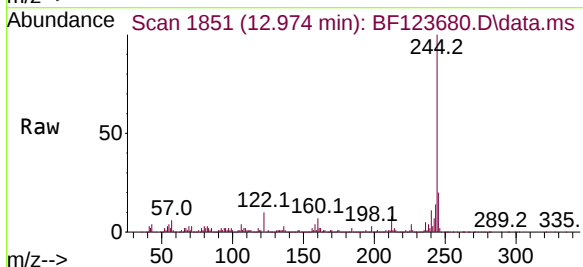
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

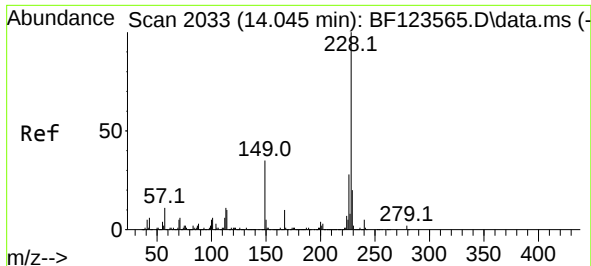
Tgt Ion:202 Resp: 204738
Ion Ratio Lower Upper
202 100
200 18.9 16.1 24.1
203 17.5 14.8 22.2



#79
Terphenyl-d14
Concen: 11.09 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:244 Resp: 279736
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.2 9.7 14.5

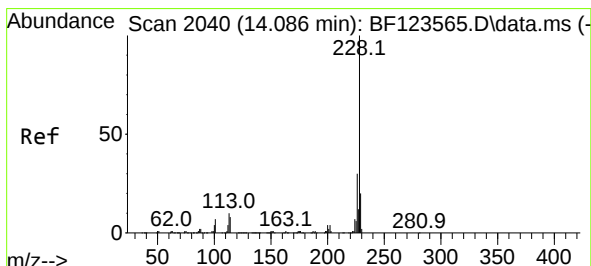
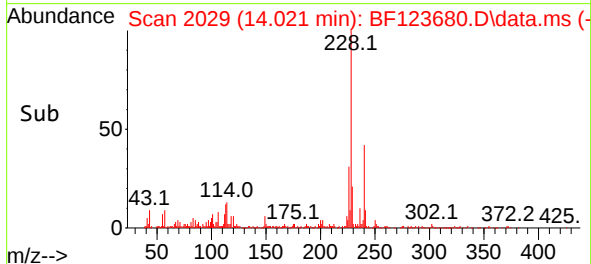
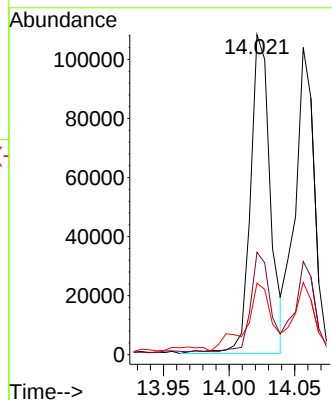
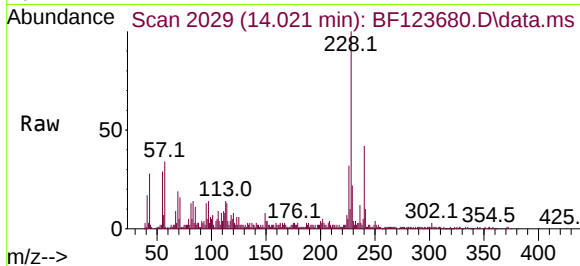




#81
Benzo(a)anthracene
Concen: 3.78 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

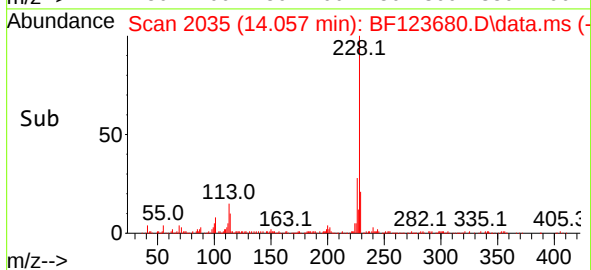
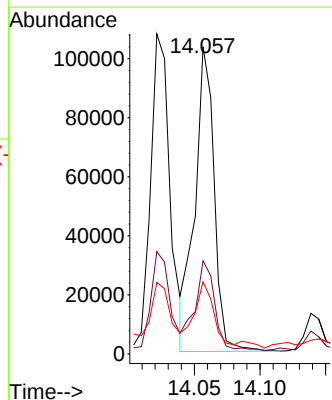
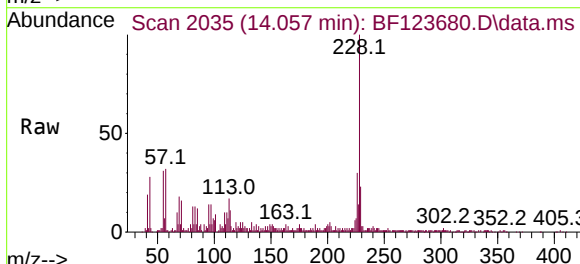
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

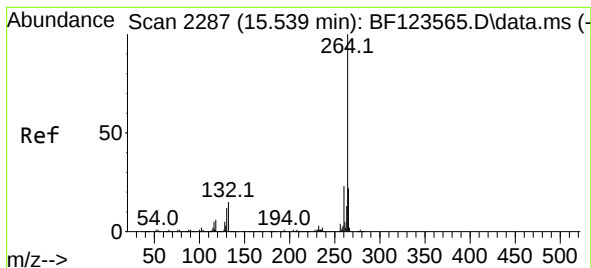
Tgt Ion:228 Resp: 113624
Ion Ratio Lower Upper
228 100
226 32.0 22.4 33.6
229 22.4 16.0 24.0



#83
Chrysene
Concen: 3.50 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:228 Resp: 105711
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 23.5 16.2 24.2

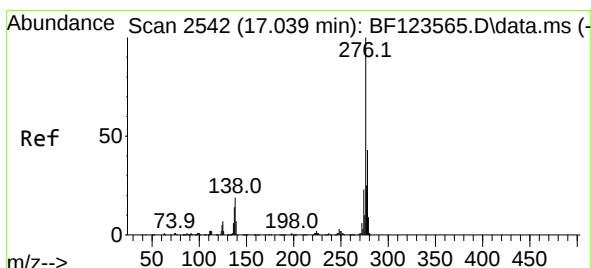
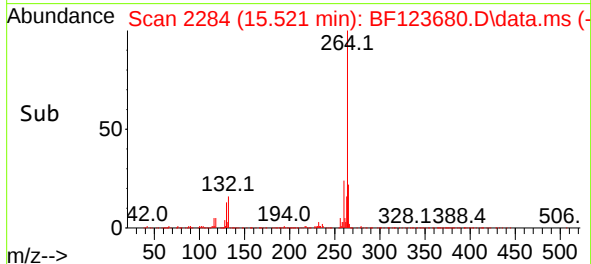
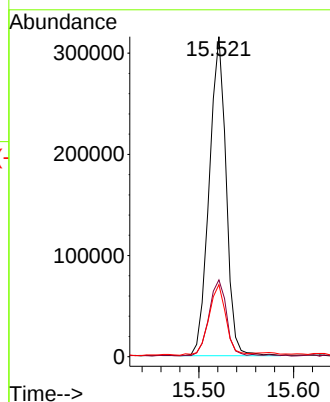
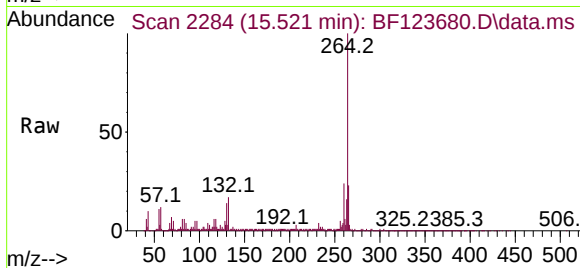




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.018 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

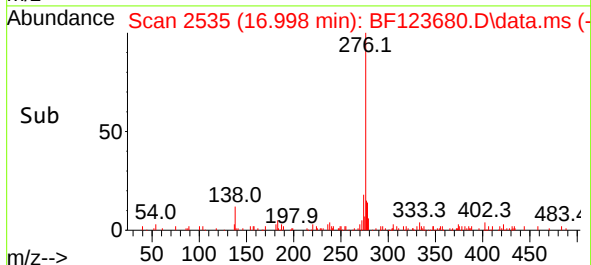
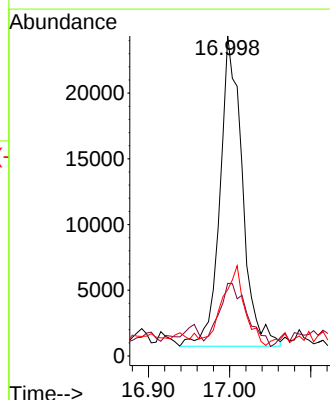
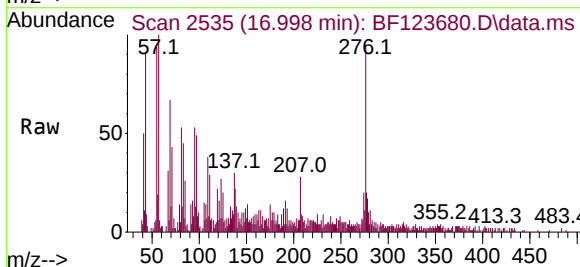
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

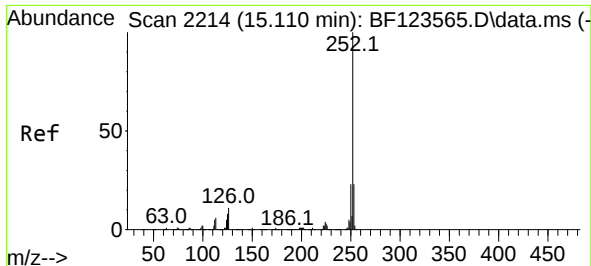
Tgt Ion:264 Resp: 389851
Ion Ratio Lower Upper
264 100
260 24.0 18.7 28.1
265 22.5 17.8 26.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.18 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:276 Resp: 45277
Ion Ratio Lower Upper
276 100
138 25.4 16.2 24.2#
277 25.0 20.1 30.1

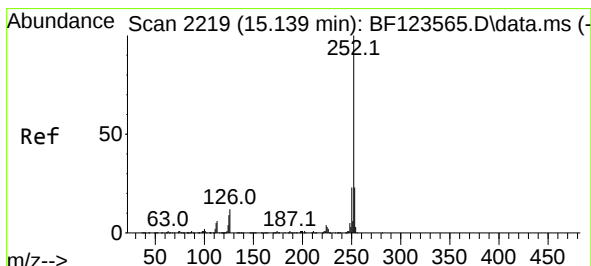
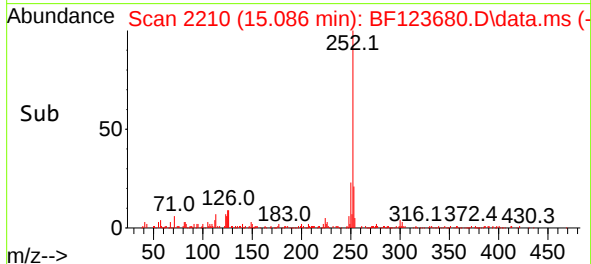
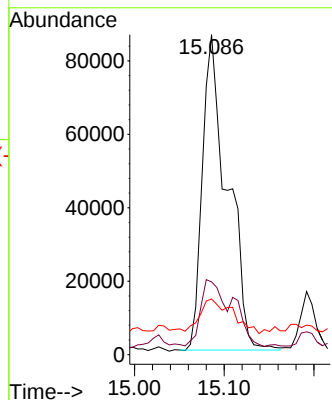
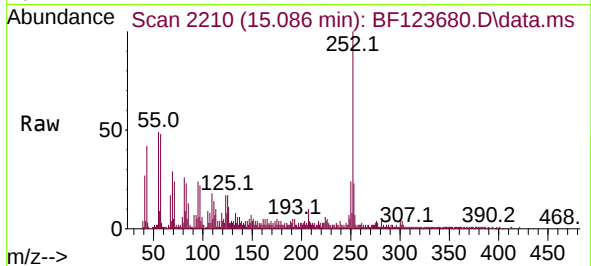




#88
Benzo(b)fluoranthene
Concen: 6.03 ng
RT: 15.086 min Scan# 2210
Delta R.T. 0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

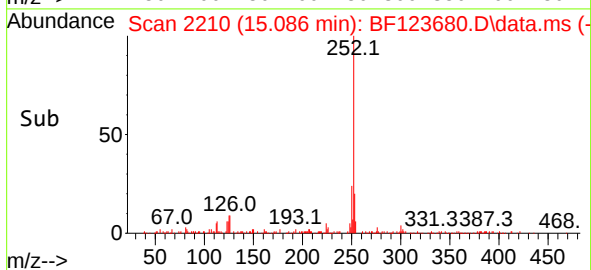
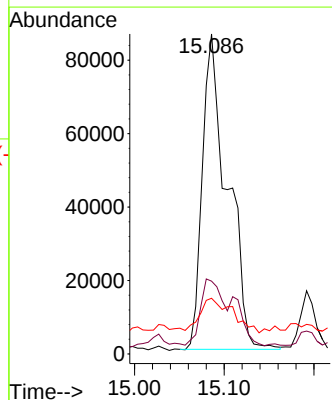
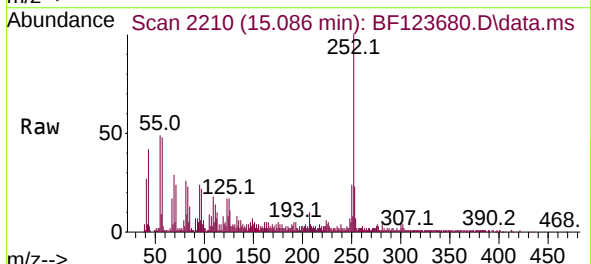
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

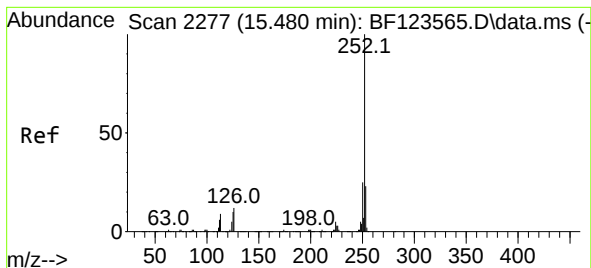
Tgt Ion:252 Resp: 166043
Ion Ratio Lower Upper
252 100
253 22.7 18.1 27.1
125 17.4 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 5.33 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.024 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:252 Resp: 166043
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 17.4 7.0 10.6#

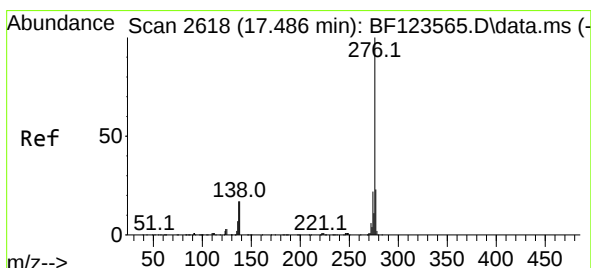
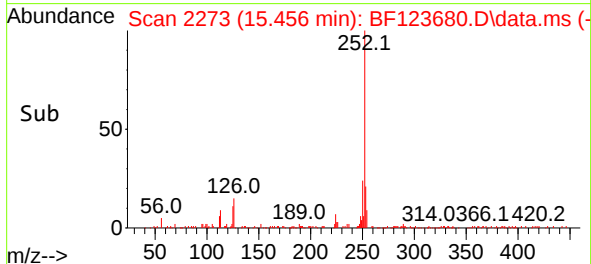
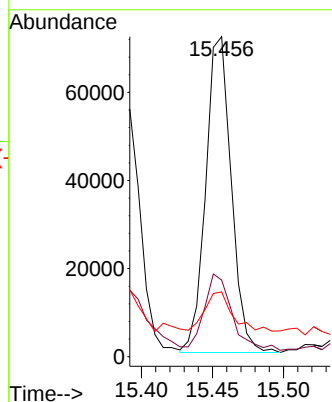
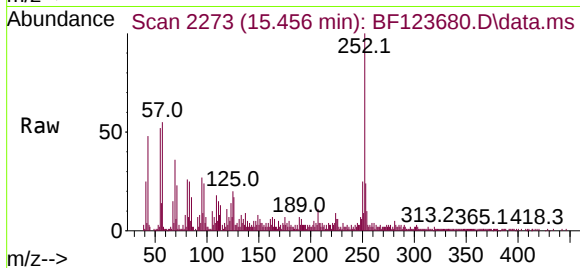




#90
Benzo(a)pyrene
Concen: 4.10 ng
RT: 15.456 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-3

Tgt Ion:252 Resp: 89742
Ion Ratio Lower Upper
252 100
253 23.9 18.4 27.6
125 20.2 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 2.91 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF123680.D
Acq: 21 Apr 2021 22:17

Tgt Ion:276 Resp: 50154
Ion Ratio Lower Upper
276 100
277 30.3 18.2 27.2#
138 30.7 13.8 20.6#

