

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
 Data File : BF123627.D
 Acq On : 19 Apr 2021 17:41
 Operator : JU/CG
 Sample : M2063-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-2-4

Quant Time: Apr 20 03:03:53 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 16 10:31:33 2021
 Response via : Initial Calibration

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

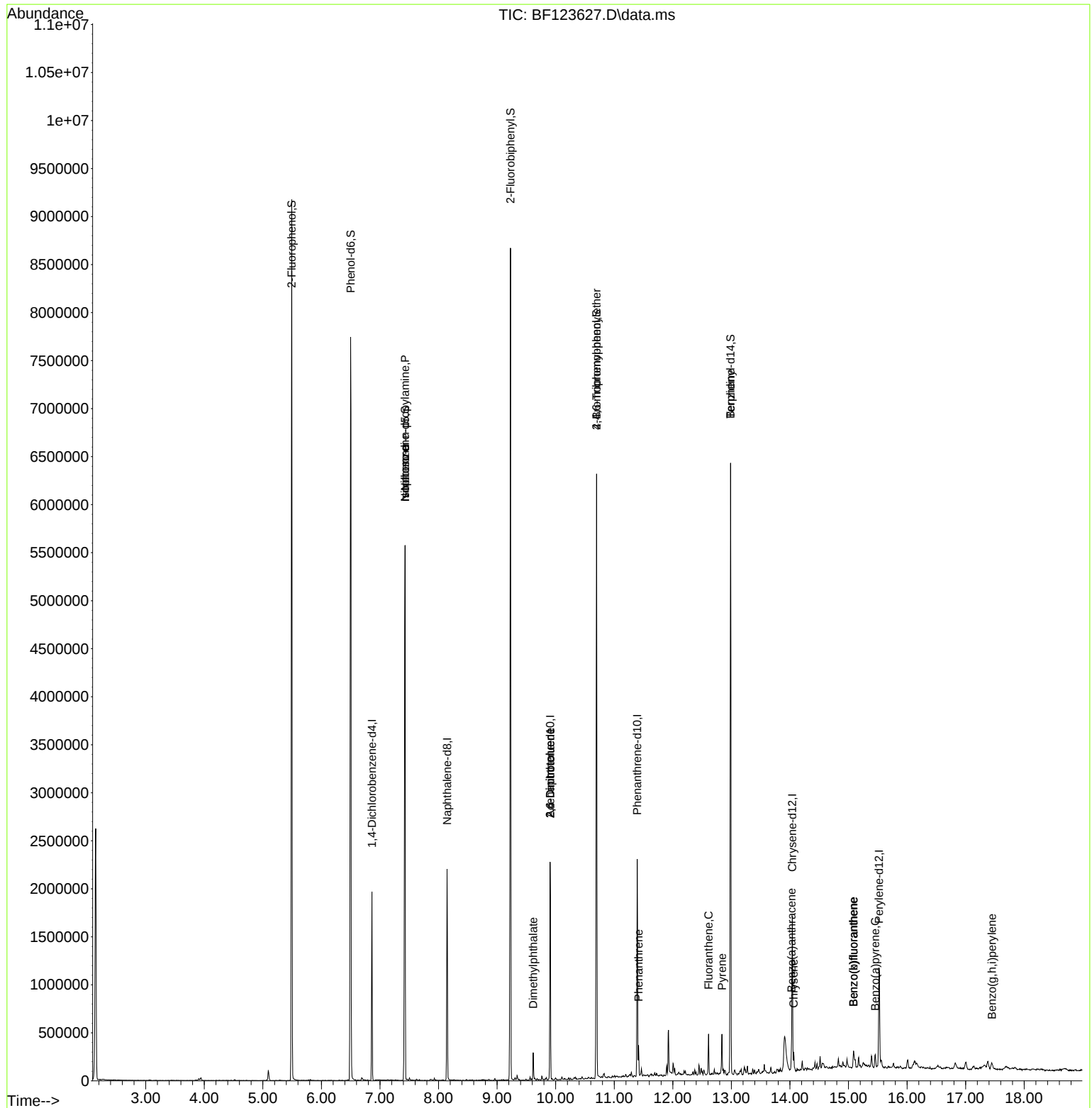
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	228974	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	873585	20.00	ng	-0.01
39) Acenaphthene-d10	9.904	164	420400	20.00	ng	-0.01
64) Phenanthrene-d10	11.392	188	760482	20.00	ng	-0.01
76) Chrysene-d12	14.039	240	485647	20.00	ng	-0.02
86) Perylene-d12	15.521	264	494037	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1938256	136.82	ng	0.01
7) Phenol-d6	6.498	99	2528800	128.81	ng	0.00
23) Nitrobenzene-d5	7.428	82	1774453	93.38	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	694877	145.96	ng	-0.01
45) 2-Fluorobiphenyl	9.228	172	2328243	82.56	ng	-0.01
79) Terphenyl-d14	12.986	244	2041560	81.70	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	246776	18.98	ng	# 74
25) Isophorone	7.428	82	1774291	48.13	ng	# 69
50) Dimethylphthalate	9.616	163	83350	2.87	ng	99
51) 2,6-Dinitrotoluene	9.904	165	54504	8.55	ng	# 12
57) 2,4-Dinitrotoluene	9.904	165	54504	6.40	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	39611	4.98	ng	# 1
71) Phenanthrene	11.416	178	101677	2.56	ng	98
75) Fluoranthene	12.610	202	149181	3.42	ng	99
77) Benzidine	12.986	184	29312	2.22	ng	96
78) Pyrene	12.839	202	156665	4.42	ng	97
81) Benzo(a)anthracene	14.027	228	59881	2.01	ng	96
83) Chrysene	14.063	228	71044	2.38	ng	98
88) Benzo(b)fluoranthene	15.086	252	117467	3.37	ng	# 96
89) Benzo(k)fluoranthene	15.086	252	117467	2.25	ng	# 97
90) Benzo(a)pyrene	15.457	252	62034	2.24	ng	# 94
92) Benzo(g,h,i)perylene	17.451	276	51206	2.12	ng	# 88

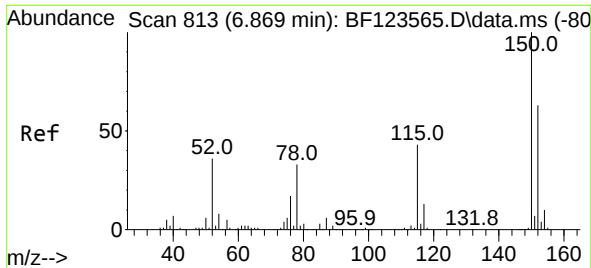
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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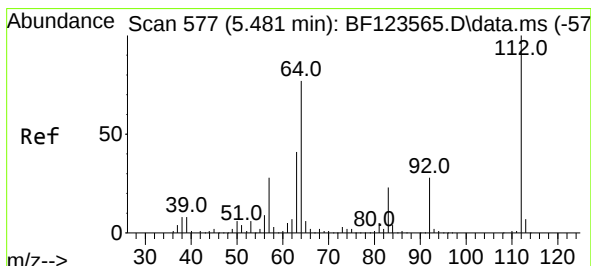
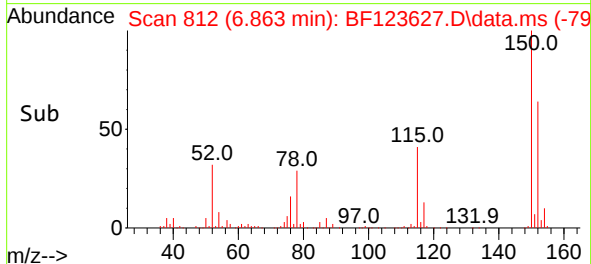
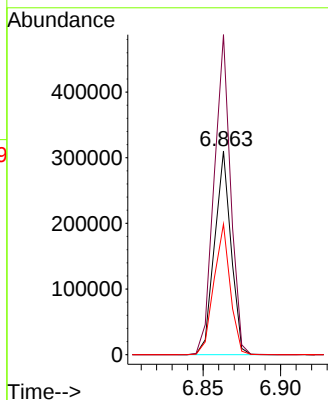
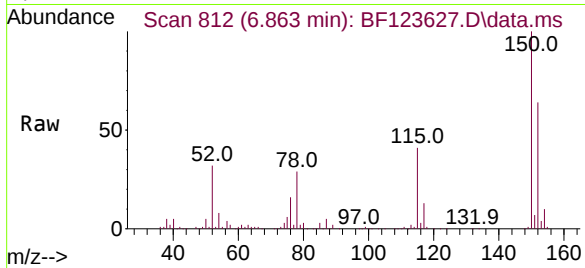




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

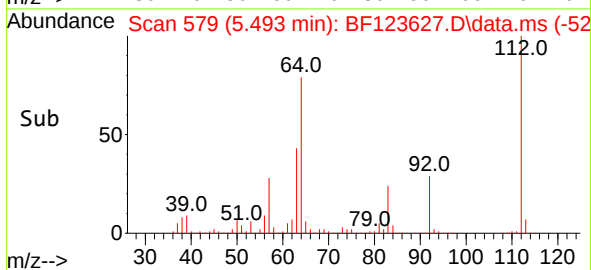
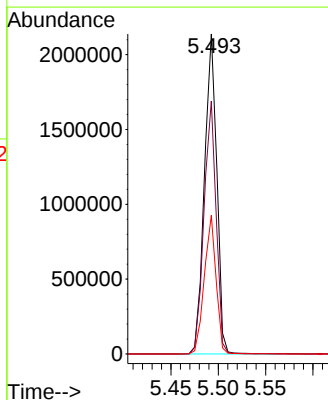
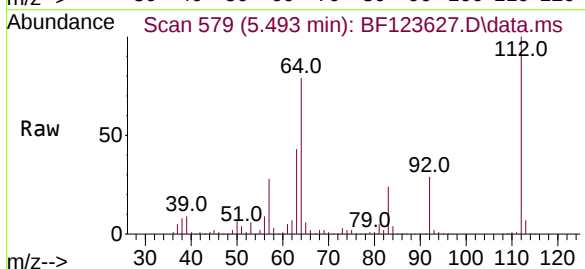
Instrument :
BNA_F
ClientSampled :
TP2-2-4

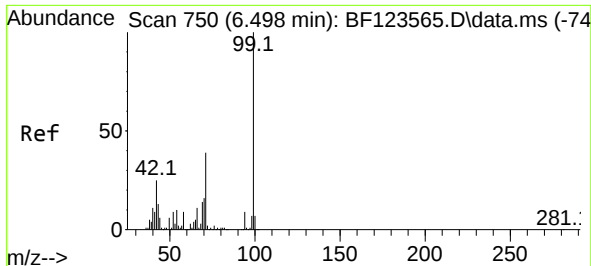
Tgt Ion:152 Resp: 228974
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 64.1 54.3 81.5



#5
2-Fluorophenol
Concen: 136.82 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:112 Resp: 1938256
Ion Ratio Lower Upper
112 100
64 79.0 61.4 92.0
63 43.3 33.0 49.4

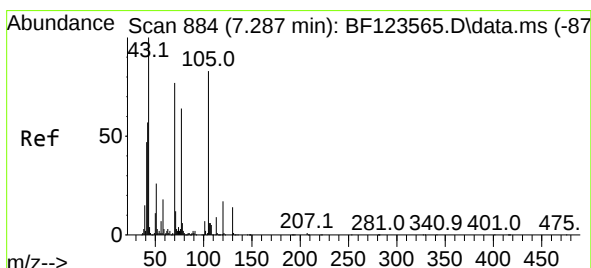
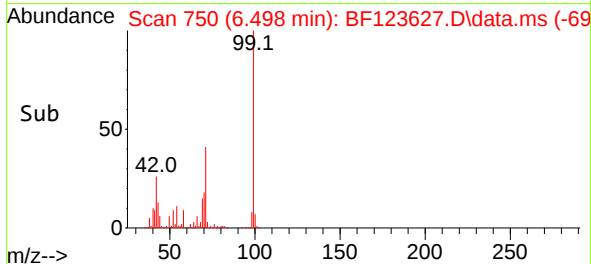
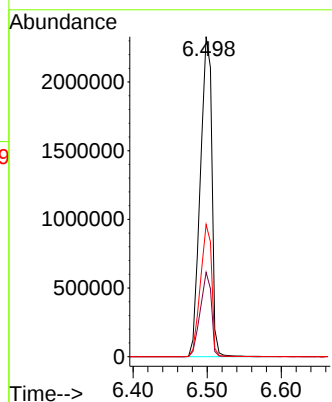
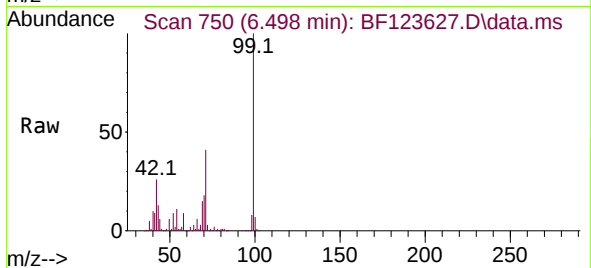




#7
Phenol-d6
Concen: 128.81 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

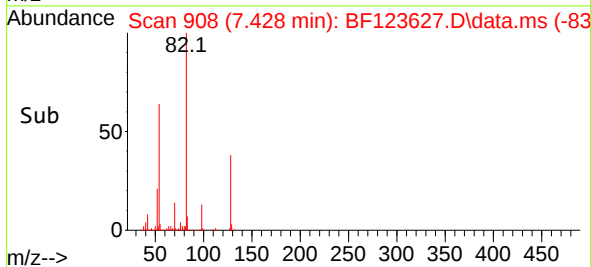
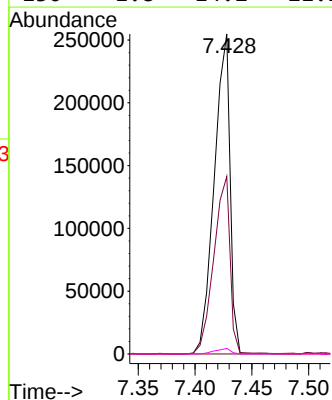
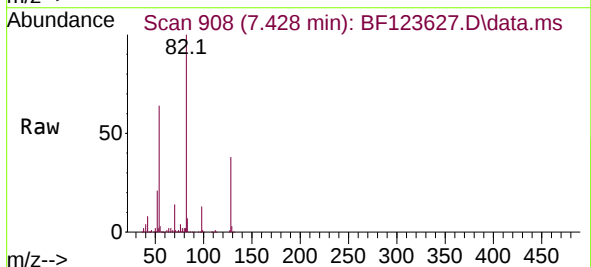
Instrument :
BNA_F
ClientSampleId :
TP2-2-4

Tgt Ion: 99 Resp: 2528800
Ion Ratio Lower Upper
99 100
42 26.3 19.8 29.8
71 41.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.98 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion: 70 Resp: 246776
Ion Ratio Lower Upper
70 100
42 55.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

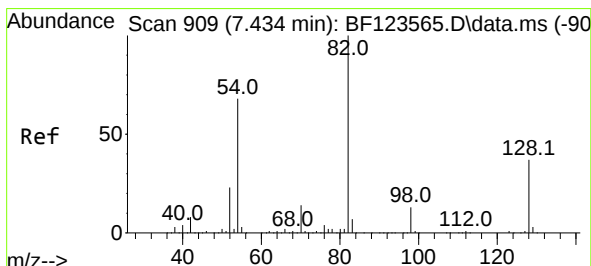
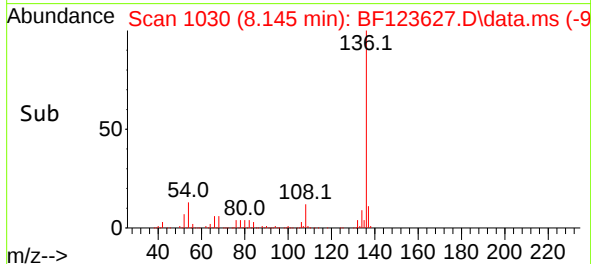
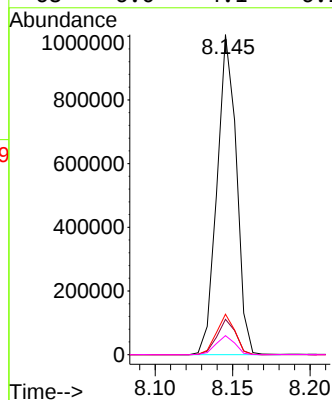
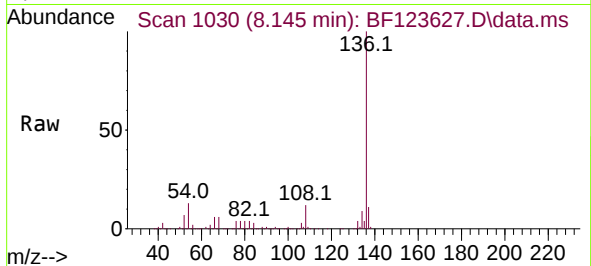




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

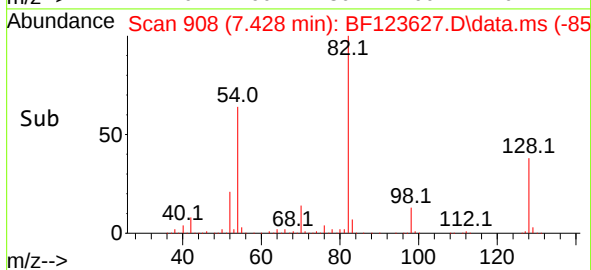
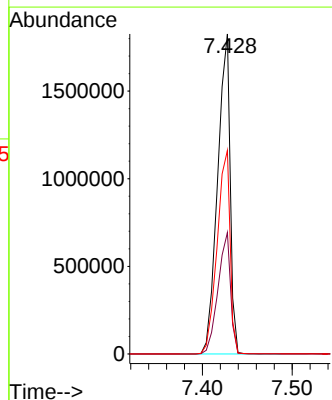
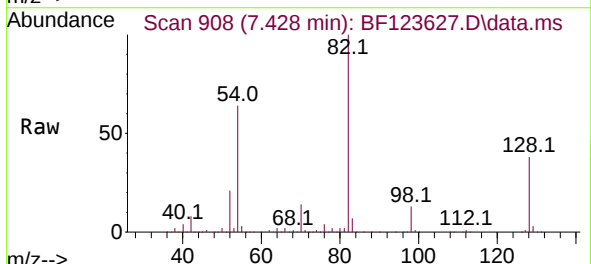
Instrument :
BNA_F
ClientSampled :
TP2-2-4

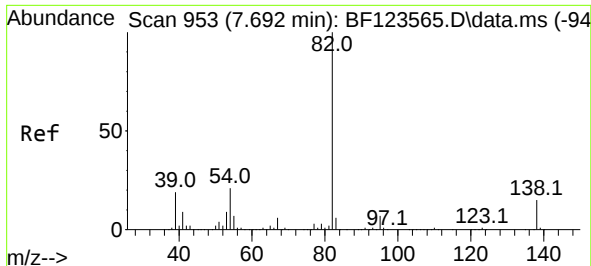
Tgt	Ion:136	Resp:	873585
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.7	13.1
54	12.7	9.8	14.6
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 93.38 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion: 82		Resp: 1774453	
Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	63.6	54.1	81.1

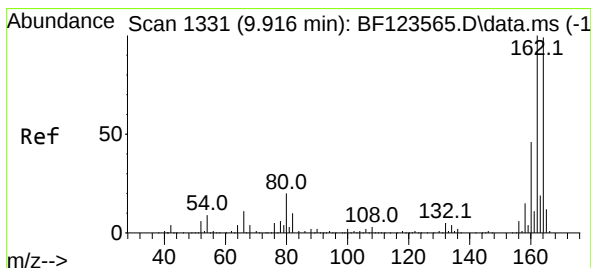
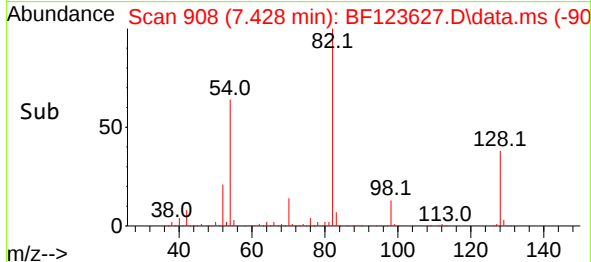
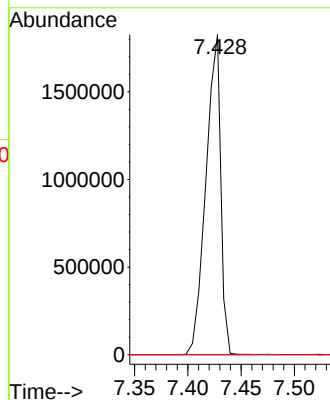
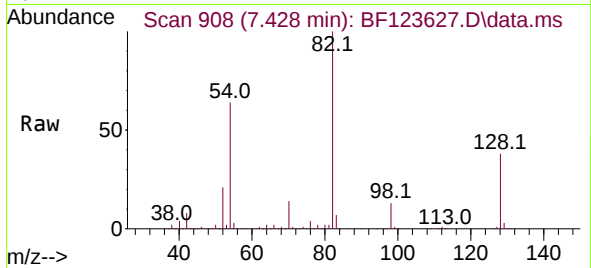




#25
Isophorone
Concen: 48.13 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

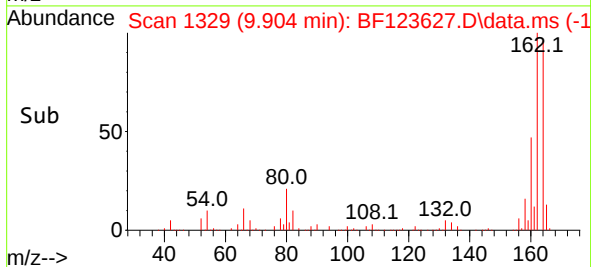
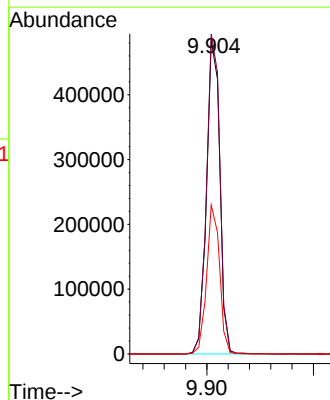
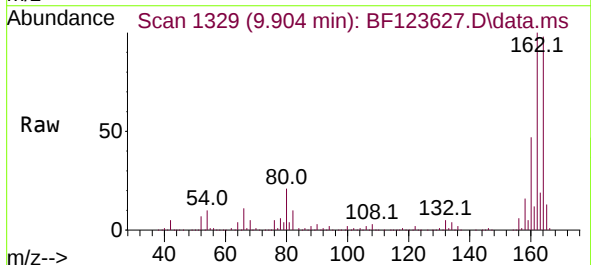
Instrument :
BNA_F
ClientSampleId :
TP2-2-4

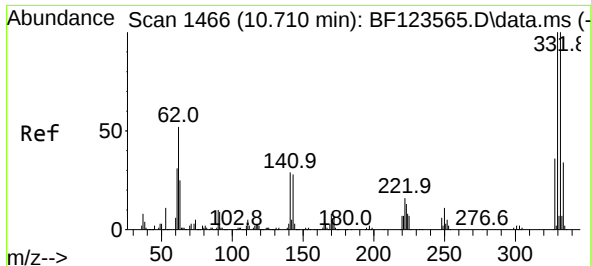
Tgt Ion: 82 Resp: 1774291
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:164 Resp: 420400
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 47.5 37.3 55.9



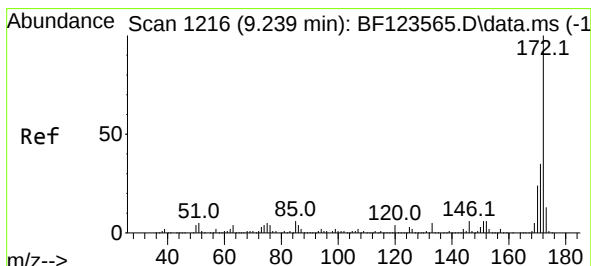
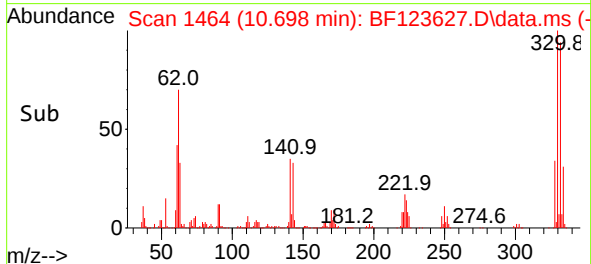
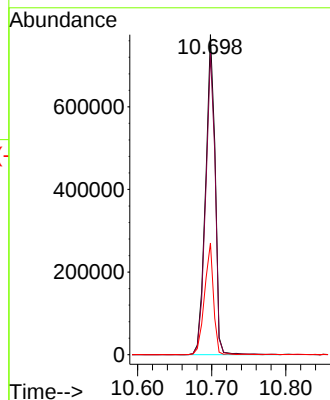
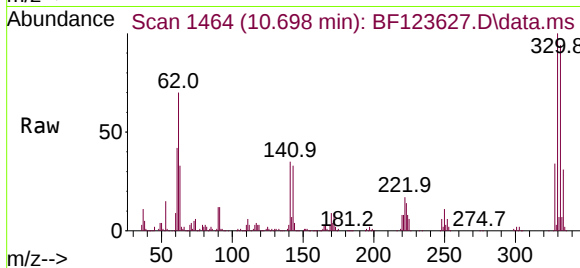


#42
 2,4,6-Tribromophenol
 Concen: 145.96 ng
 RT: 10.698 min Scan# 1464
 Delta R.T. -0.012 min
 Lab File: BF123627.D
 Acq: 19 Apr 2021 17:41

Instrument :
 BNA_F
 ClientSampled :
 TP2-2-4

Tgt Ion: 330 Resp: 694877

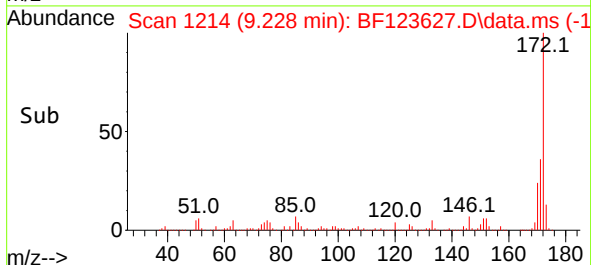
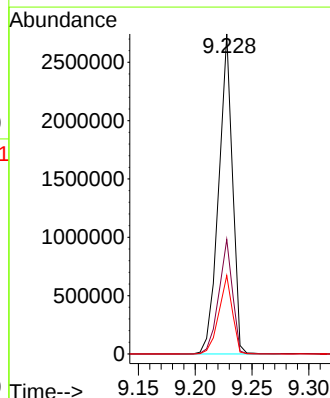
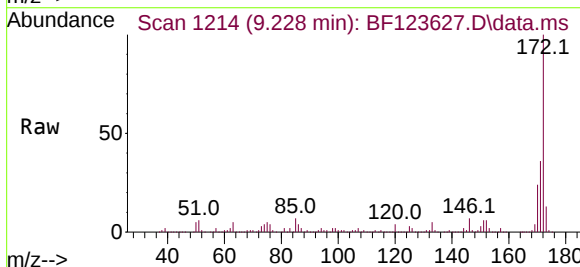
Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	32.8	27.9	41.9

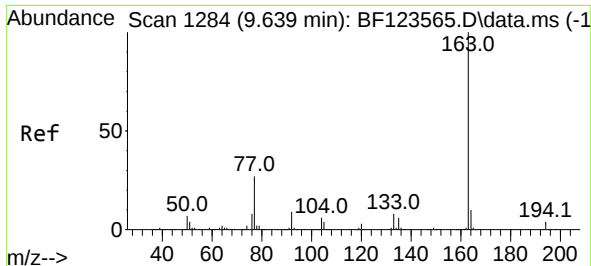


#45
 2-Fluorobiphenyl
 Concen: 82.56 ng
 RT: 9.228 min Scan# 1214
 Delta R.T. -0.012 min
 Lab File: BF123627.D
 Acq: 19 Apr 2021 17:41

Tgt Ion: 172 Resp: 2328243

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.1	42.1
170	24.5	19.2	28.8

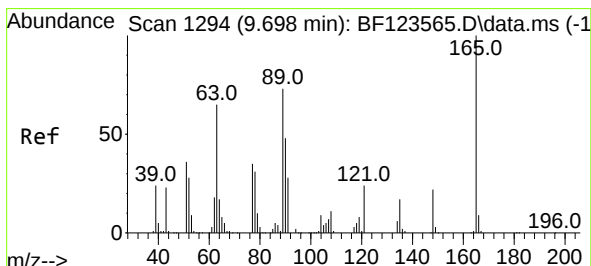
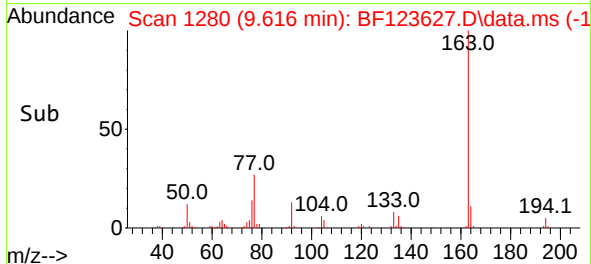
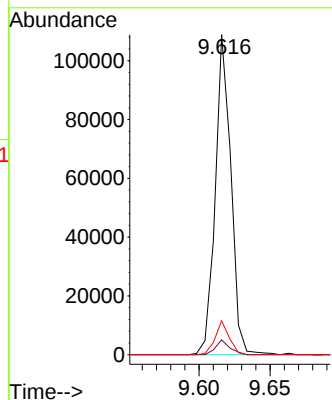
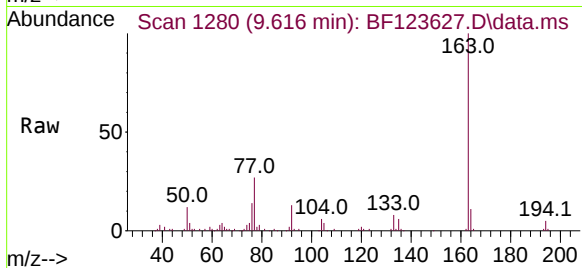




#50
Dimethylphthalate
Concen: 2.87 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

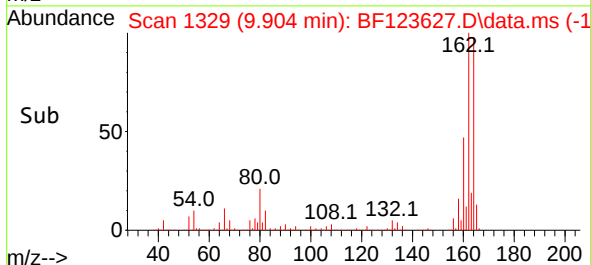
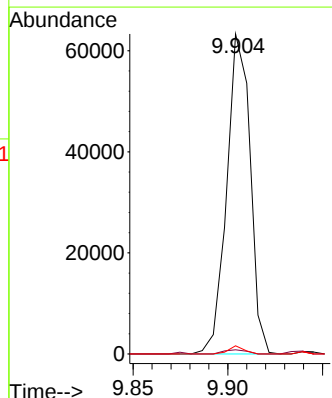
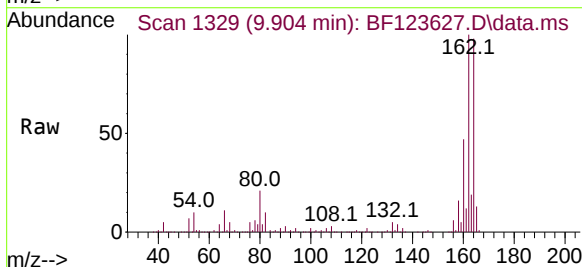
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ClientSampled :
TP2-2-4

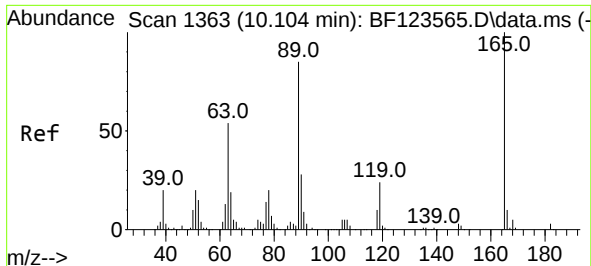
Tgt Ion:163 Resp: 83350
Ion Ratio Lower Upper
163 100
194 4.7 3.1 4.7
164 10.6 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 8.55 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.206 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:165 Resp: 54504
Ion Ratio Lower Upper
165 100
63 1.3 67.7 101.5#
89 2.5 58.8 88.2#

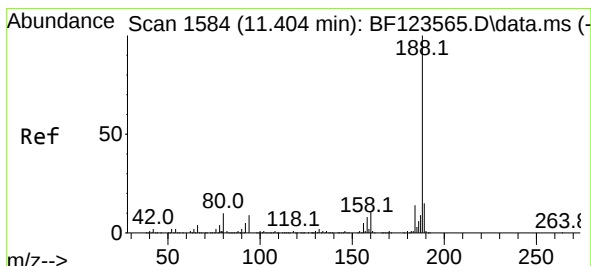
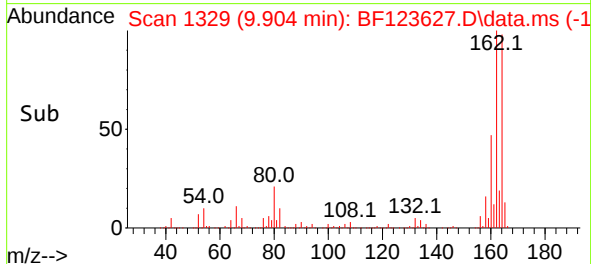
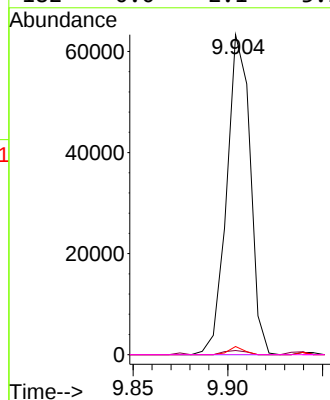
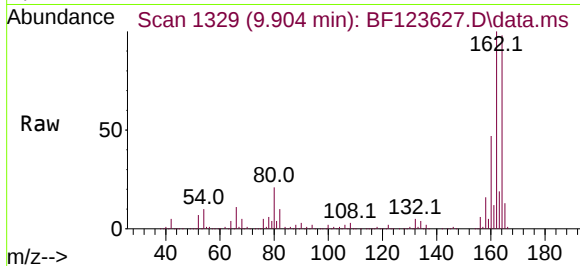




#57
2,4-Dinitrotoluene
Concen: 6.40 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.200 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

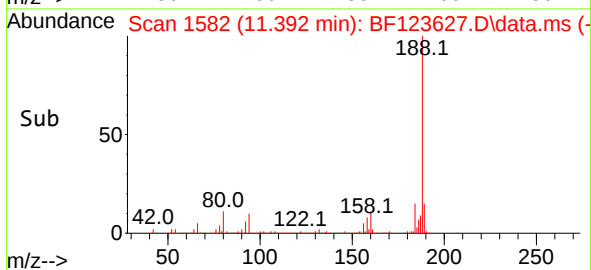
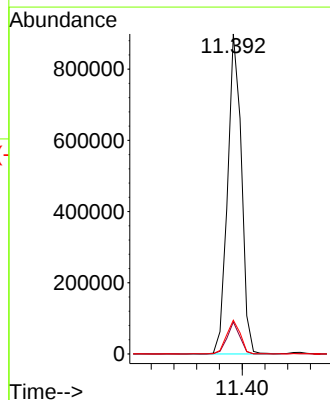
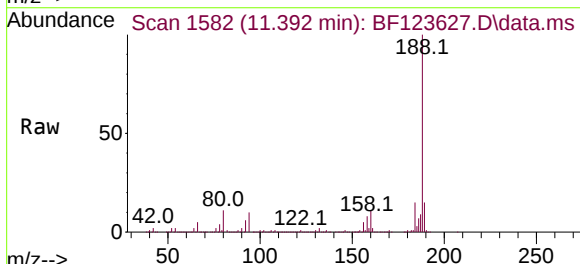
Instrument :
BNA_F
ClientSampleId :
TP2-2-4

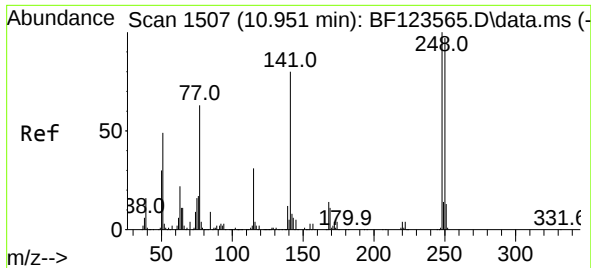
Tgt Ion:	165	Resp:	54504
Ion Ratio	Lower	Upper	
165	100		
63	1.3	43.5	65.3#
89	2.5	67.7	101.5#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:	188	Resp:	760482
Ion Ratio	Lower	Upper	
188	100		
94	10.0	6.9	10.3
80	10.6	8.2	12.2

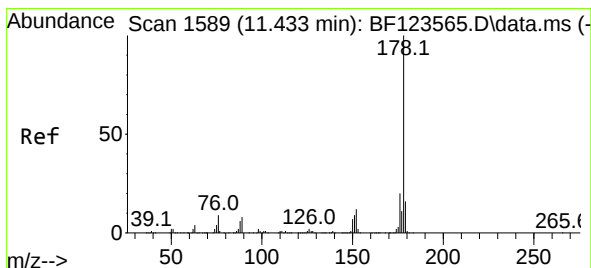
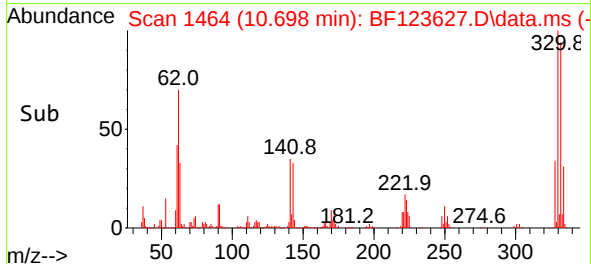
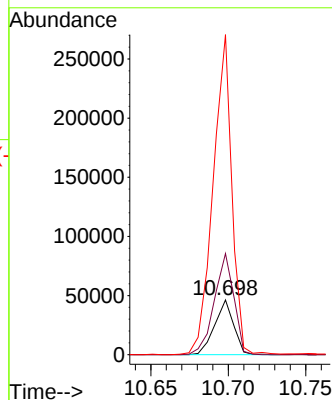
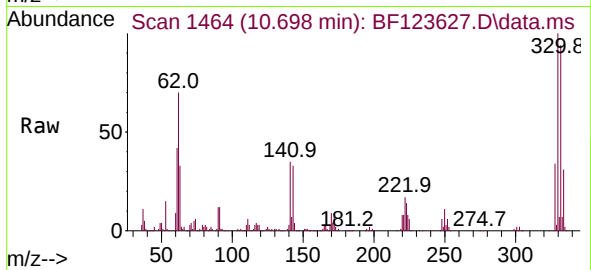




#67
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.253 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

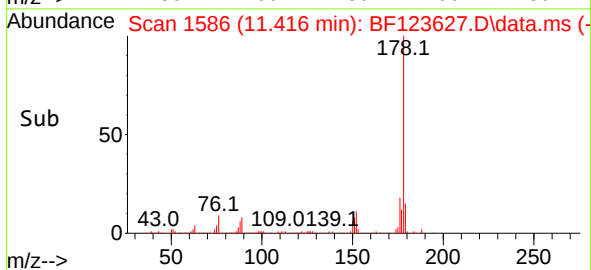
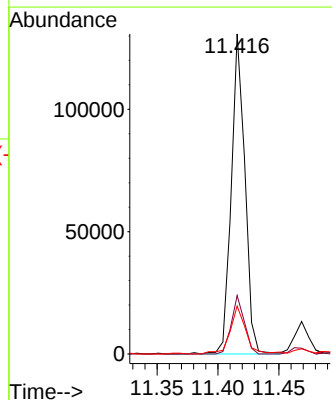
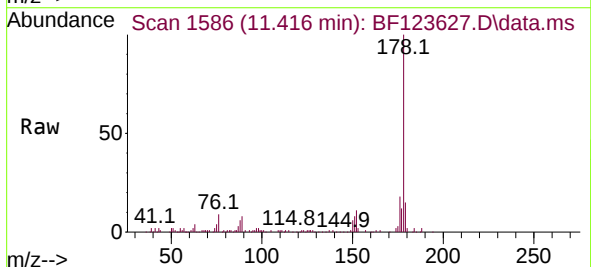
Instrument :
BNA_F
ClientSampled :
TP2-2-4

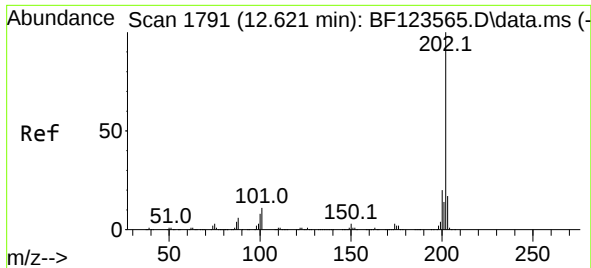
Tgt Ion:248 Resp: 39611
Ion Ratio Lower Upper
248 100
250 184.7 77.4 116.2#
141 583.9 63.7 95.5#



#71
Phenanthrene
Concen: 2.56 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:178 Resp: 101677
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 15.0 12.5 18.7

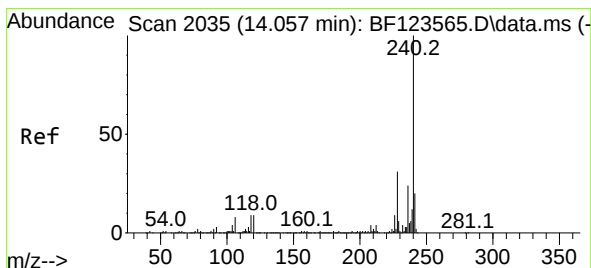
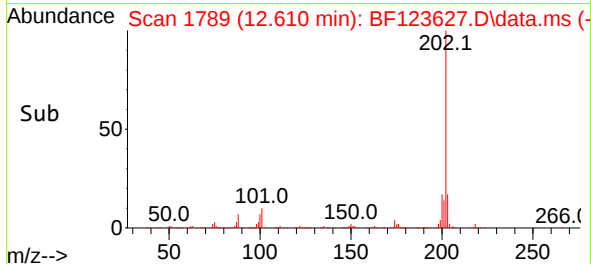
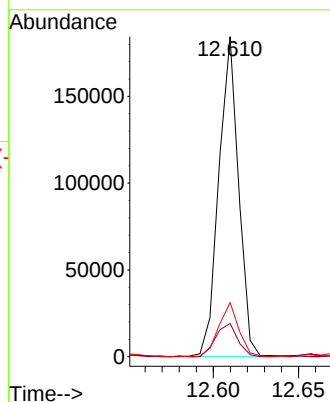
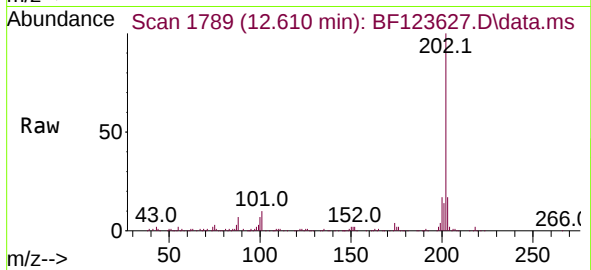




#75
Fluoranthene
Concen: 3.42 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

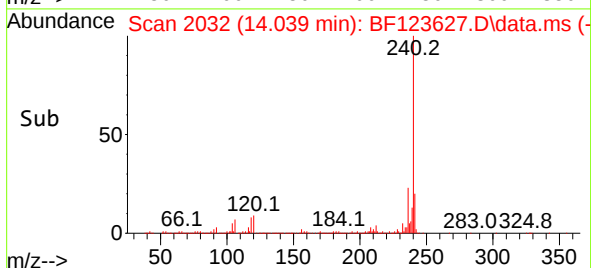
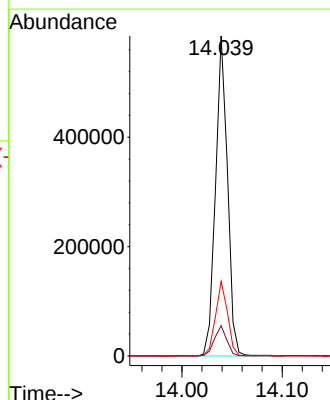
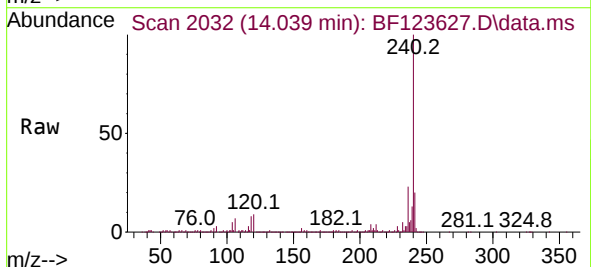
Instrument :
BNA_F
ClientSampleId :
TP2-2-4

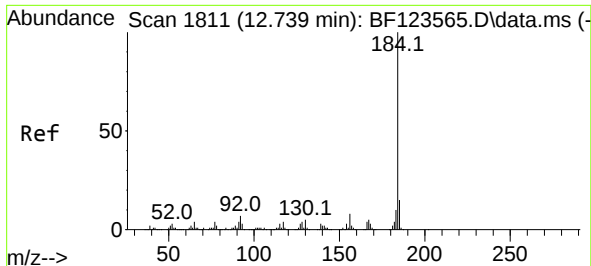
Tgt Ion:	202	Resp:	149181
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	30.9
203	16.9	0.0	37.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:	240	Resp:	485647
Ion Ratio	Lower	Upper	
240	100		
120	9.4	7.2	10.8
236	23.3	19.0	28.4

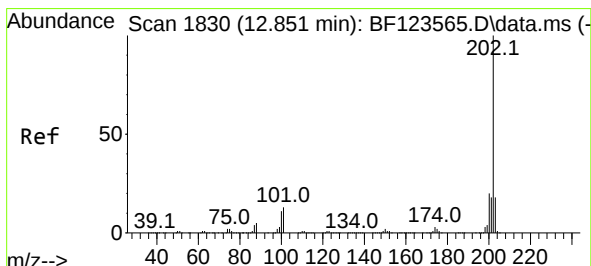
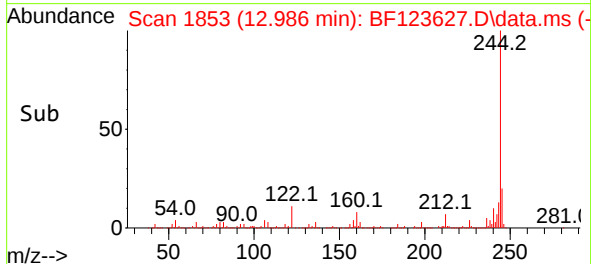
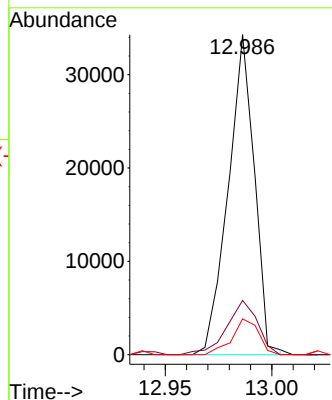
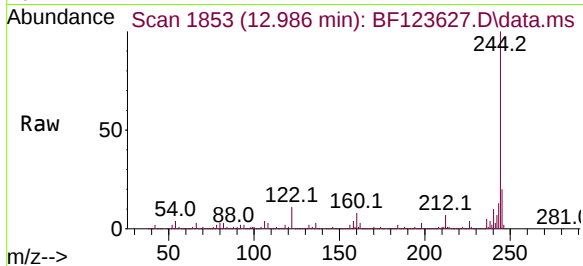




#77
Benzidine
Concen: 2.22 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.241 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

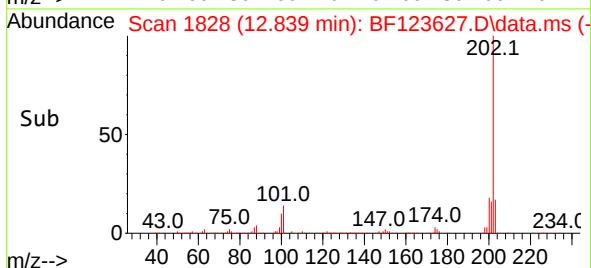
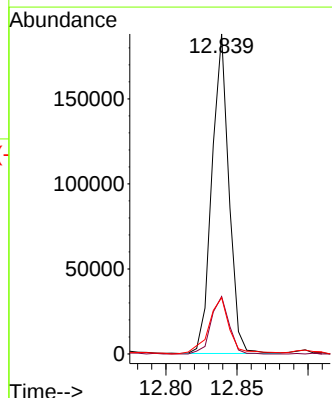
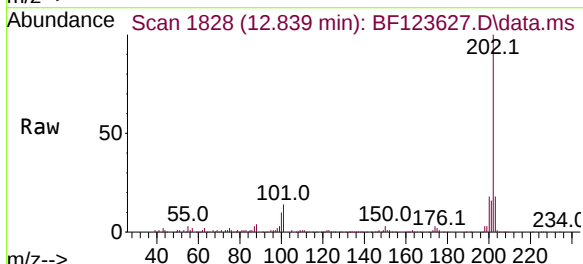
Instrument :
BNA_F
ClientSampled :
TP2-2-4

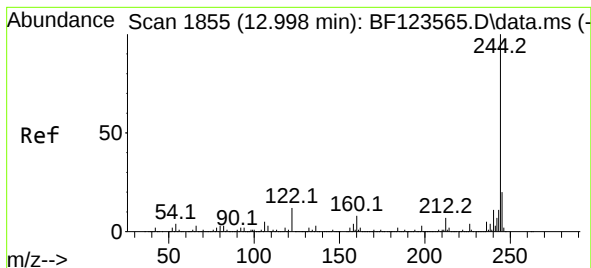
Tgt Ion:184 Resp: 29312
Ion Ratio Lower Upper
184 100
185 16.9 12.1 18.1
183 11.2 7.8 11.8



#78
Pyrene
Concen: 4.42 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:202 Resp: 156665
Ion Ratio Lower Upper
202 100
200 17.9 16.1 24.1
203 17.6 14.8 22.2





#79

Terphenyl-d14

Concen: 81.70 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.012 min

Lab File: BF123627.D

Acq: 19 Apr 2021 17:41

Tgt Ion:244 Resp: 2041560

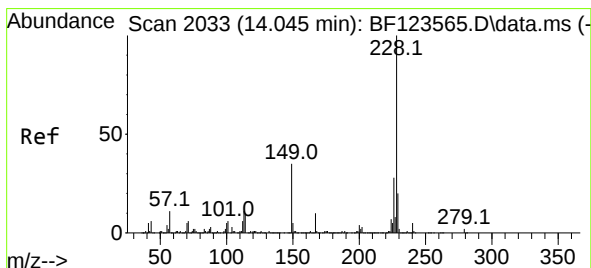
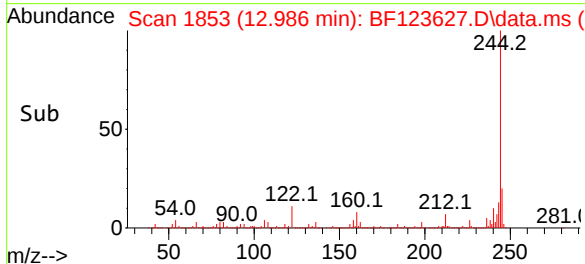
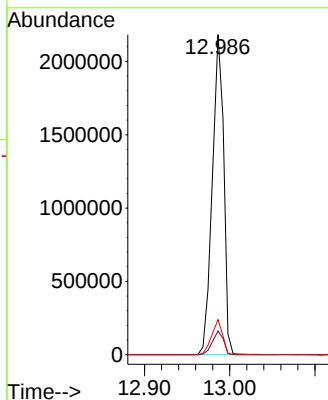
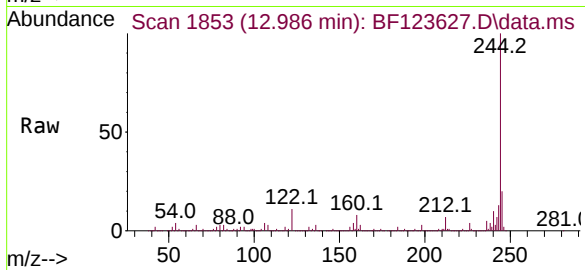
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.7	8.5
122	10.9	9.7	14.5

Instrument :

BNA_F

ClientSampleId :

TP2-2-4



#81

Benzo(a)anthracene

Concen: 2.01 ng

RT: 14.027 min Scan# 2030

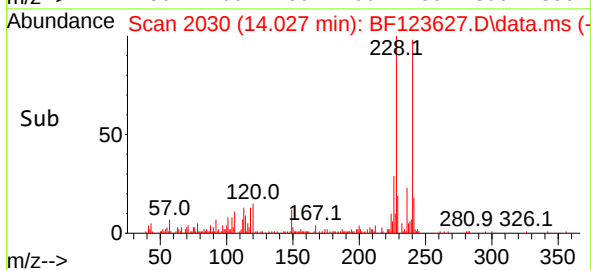
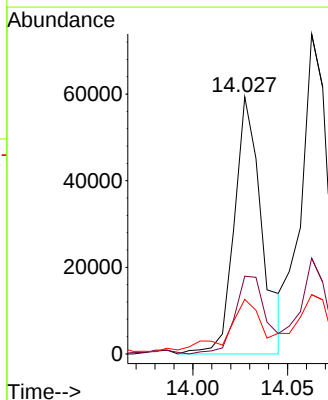
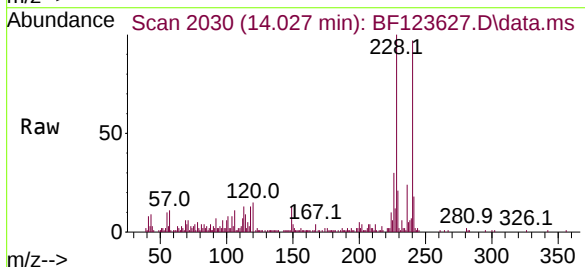
Delta R.T. -0.018 min

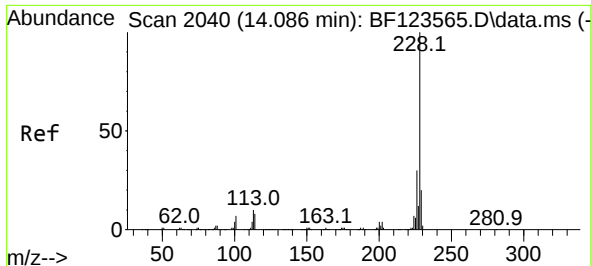
Lab File: BF123627.D

Acq: 19 Apr 2021 17:41

Tgt Ion:228 Resp: 59881

Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.4	33.6
229	21.2	16.0	24.0

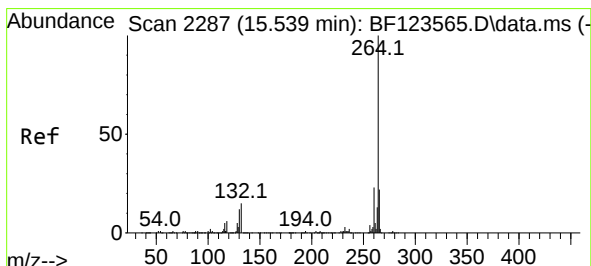
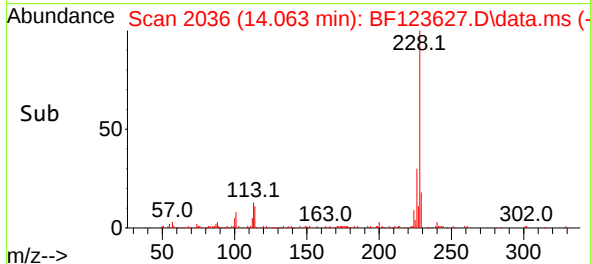
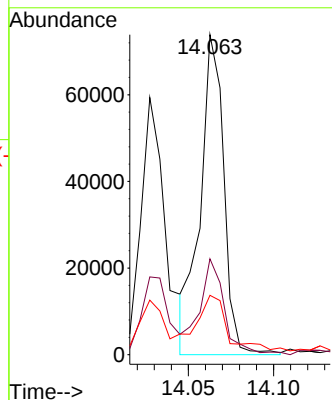
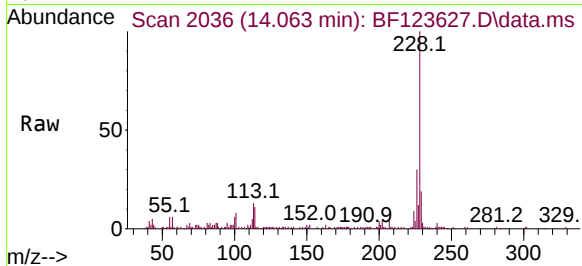




#83
Chrysene
Concen: 2.38 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.023 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

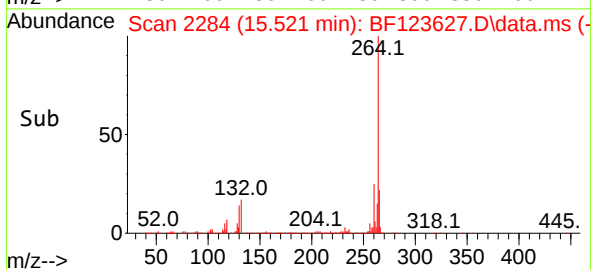
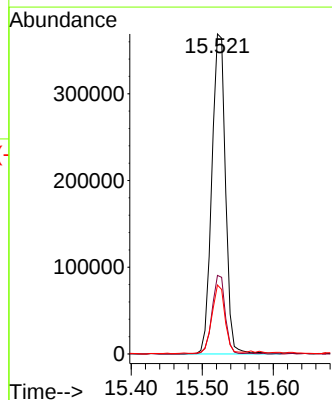
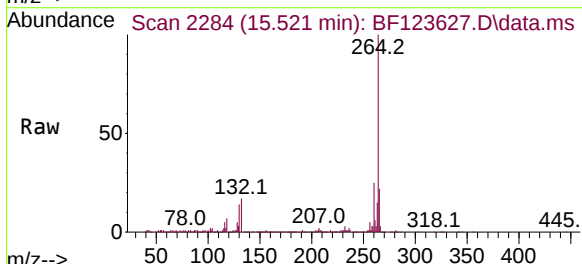
Instrument :
BNA_F
ClientSampled :
TP2-2-4

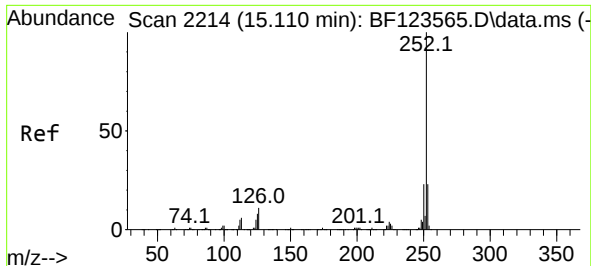
Tgt Ion:228	Resp:	71044
Ion Ratio	Lower	Upper
228	100	
226	29.9	24.3 36.5
229	18.6	16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:264	Resp:	494037
Ion Ratio	Lower	Upper
264	100	
260	24.5	18.7 28.1
265	21.6	17.8 26.8

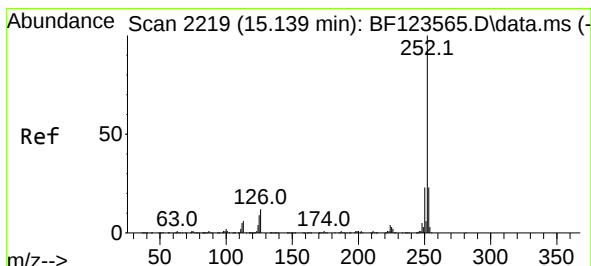
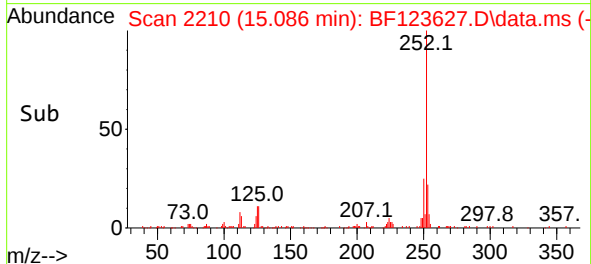
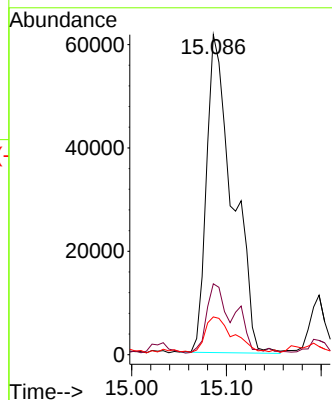
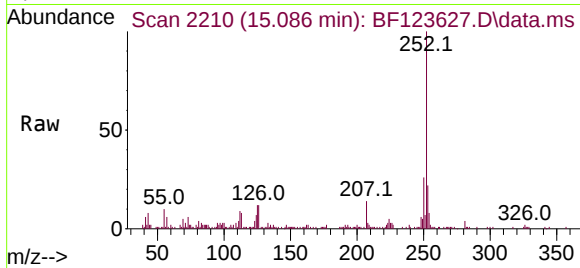




#88
Benzo(b)fluoranthene
Concen: 3.37 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.023 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

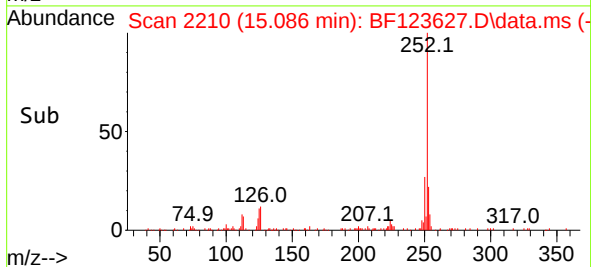
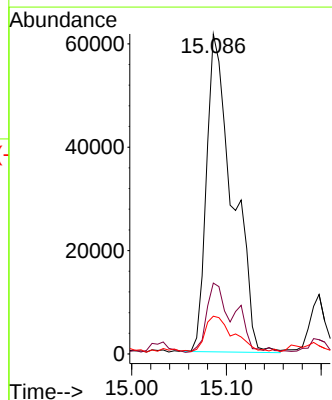
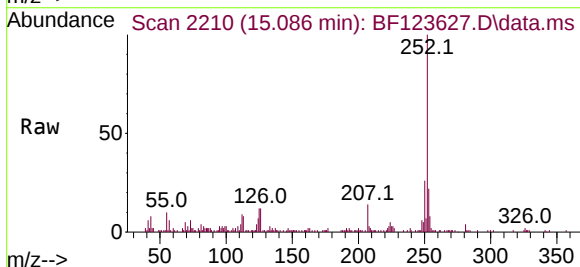
Instrument :
BNA_F
ClientSampled :
TP2-2-4

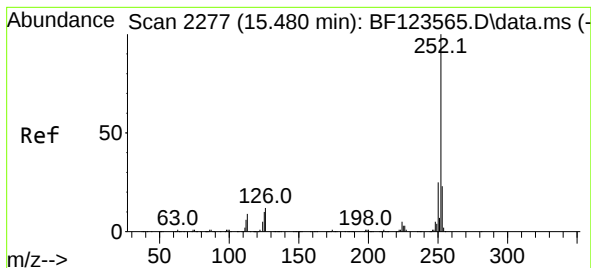
Tgt Ion:252 Resp: 117467
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.8 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 2.25 ng
RT: 15.086 min Scan# 2210
Delta R.T. -0.053 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:252 Resp: 117467
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.8 7.0 10.6#

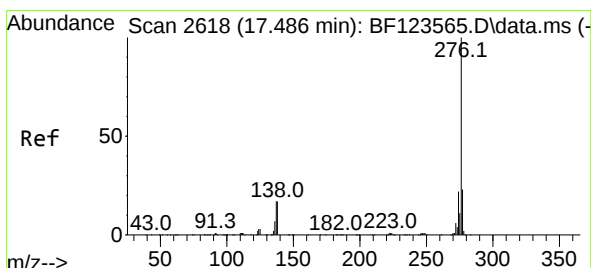
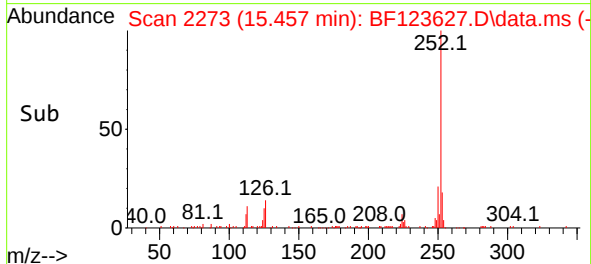
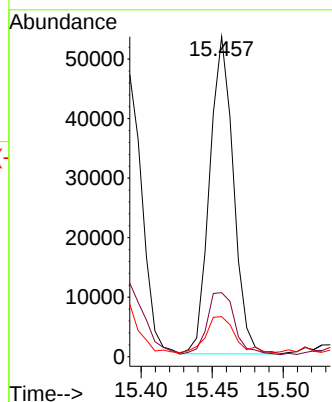
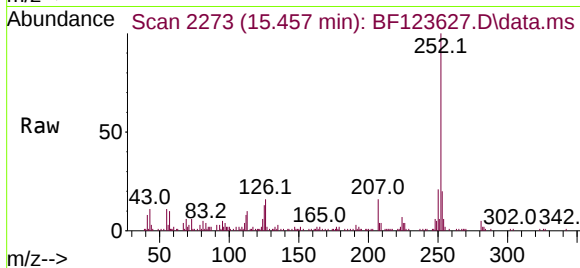




#90
Benzo(a)pyrene
Concen: 2.24 ng
RT: 15.457 min Scan# 2273
Delta R.T. -0.023 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Instrument :
BNA_F
ClientSampleId :
TP2-2-4

Tgt Ion:252 Resp: 62034
Ion Ratio Lower Upper
252 100
253 20.0 18.4 27.6
125 12.5 8.0 12.0#



#92
Benzo(g,h,i)perylene
Concen: 2.12 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.035 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

Tgt Ion:276 Resp: 51206
Ion Ratio Lower Upper
276 100
277 20.5 18.2 27.2
138 26.5 13.8 20.6#

