

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

Manual Integrations
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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
50) Dimethylphthalate	9.616	163	83350	2.87	ng	99
71) Phenanthrene	11.416	178	101677	2.56	ng	98
75) Fluoranthene	12.610	202	149181	3.42	ng	99
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	96564m	2.77	ng	
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

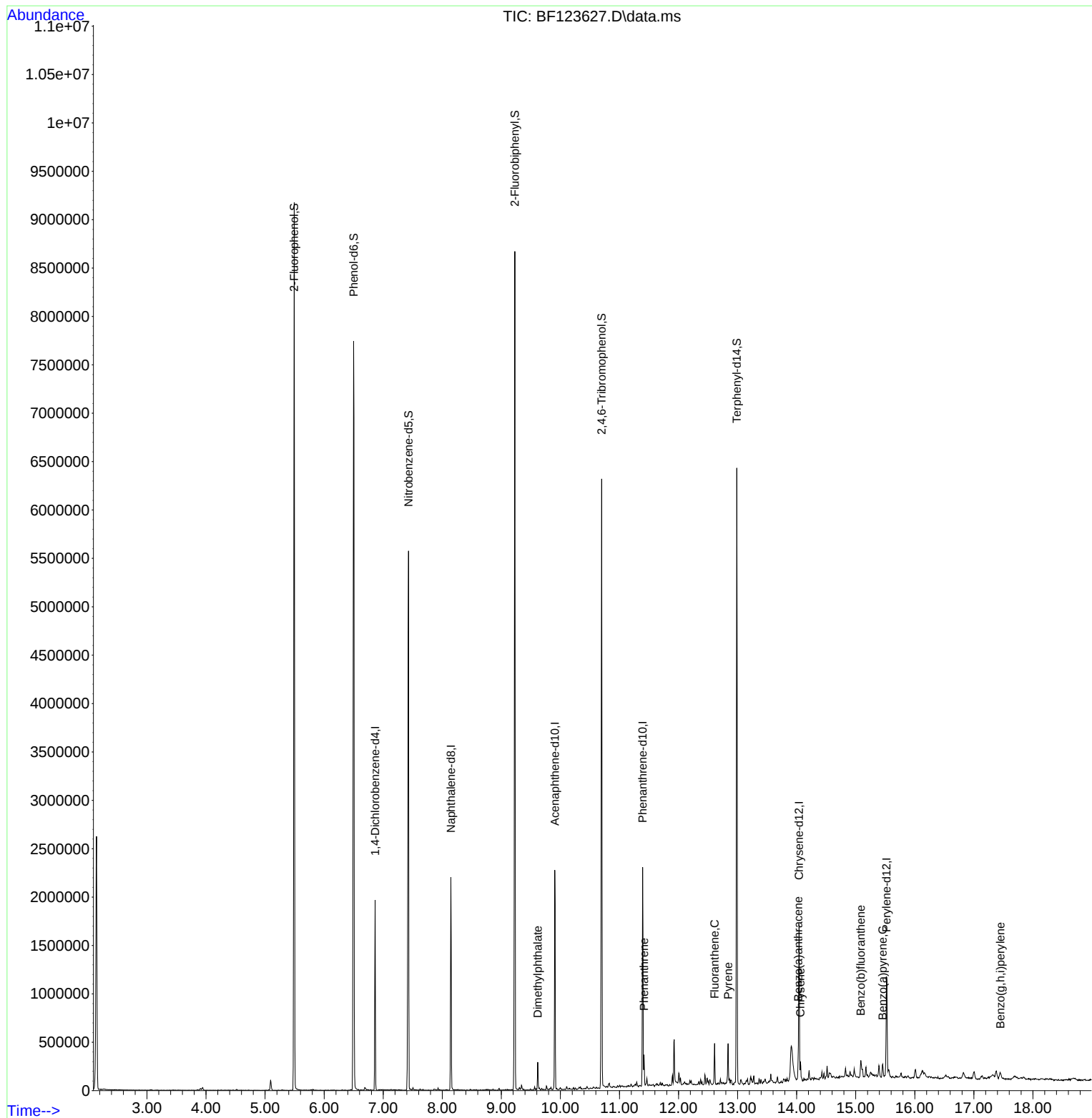
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041921\
Data File : BF123627.D
Acq On : 19 Apr 2021 17:41
Operator : JU/CG
Sample : M2063-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

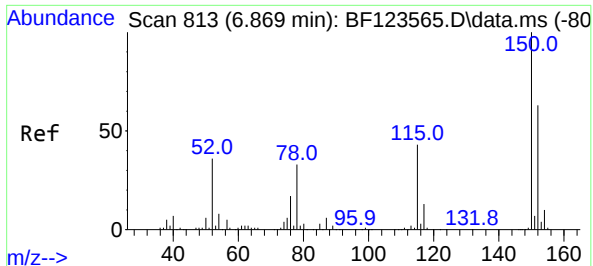
Instrument :
BNA_F
ClientSampleId :
TP2-2-4

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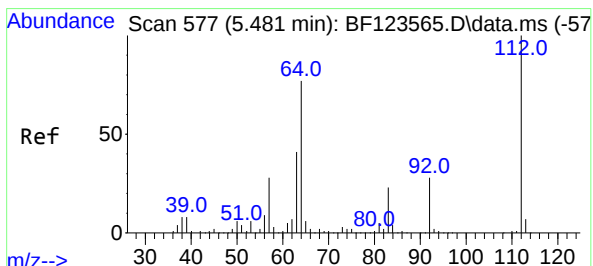
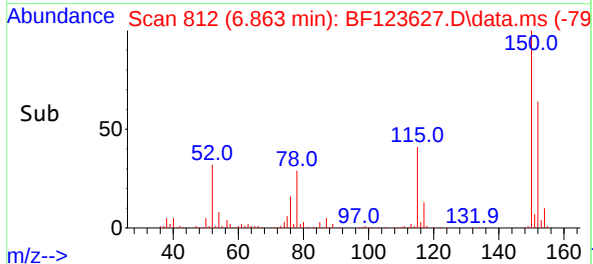
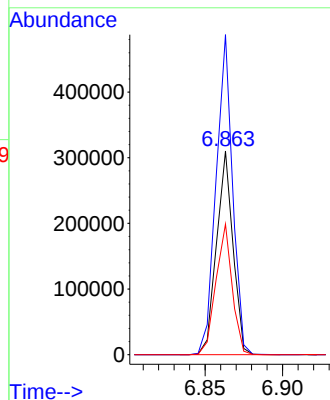
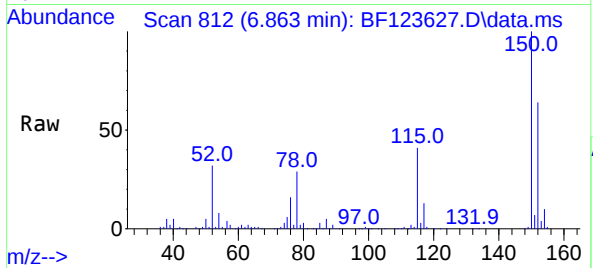
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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

Instrument :
BNA_F
ClientSampled :
TP2-2-4

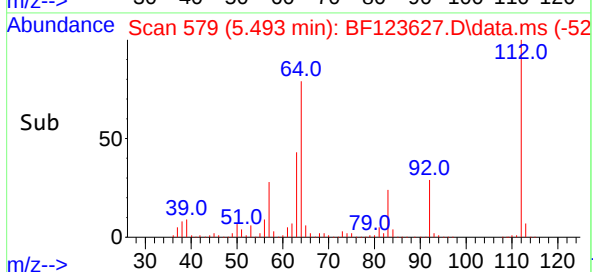
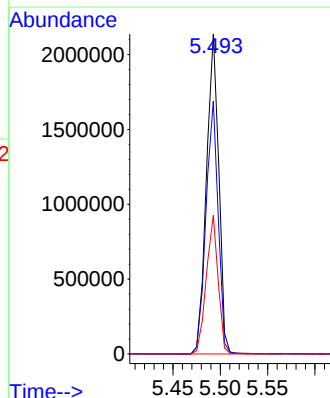
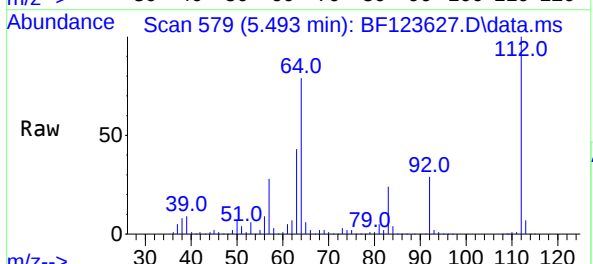
Manual Integrations
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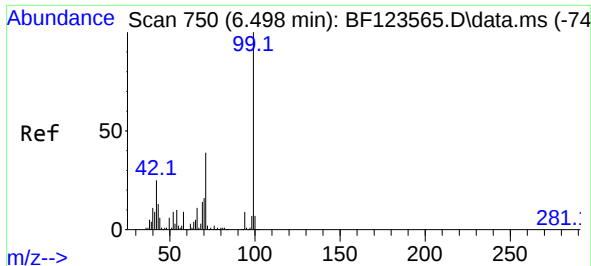
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#5
2-Fluorophenol
Concen: 136.82 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

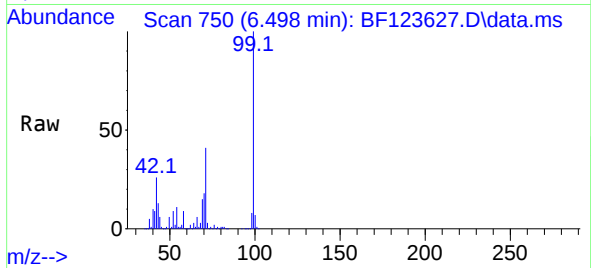
Tgt Ion:112 Resp: 1938256
Ion Ratio Lower Upper
112 100
64 79.0 61.4 92.0
63 43.3 33.0 49.4





#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
ClientSampled :
TP2-2-4

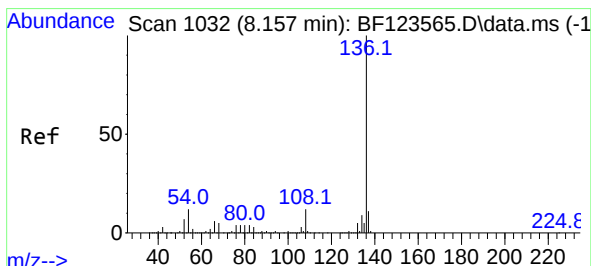
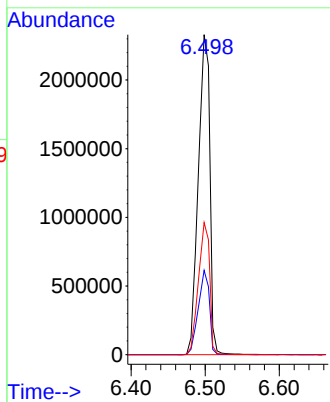
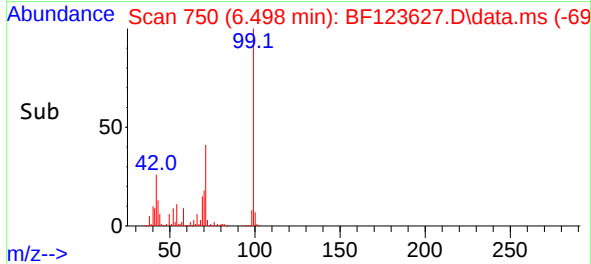


Tgt Ion: 99 Resp: 2528800

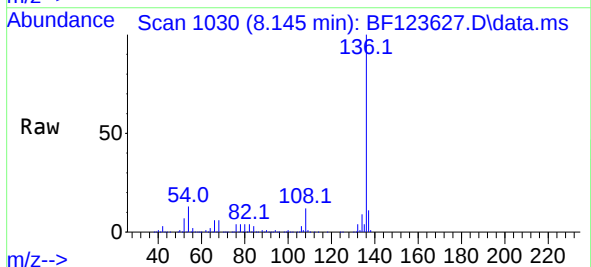
Ion	Ratio	Lower	Upper
99	100		
42	26.3	19.8	29.8
71	41.3	31.1	46.7

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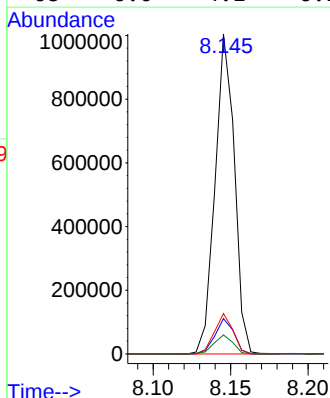
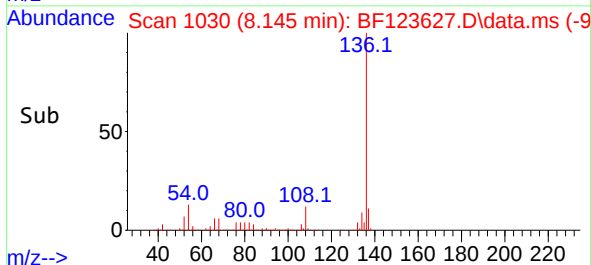


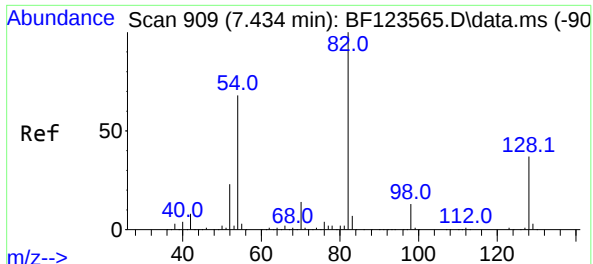
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41



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

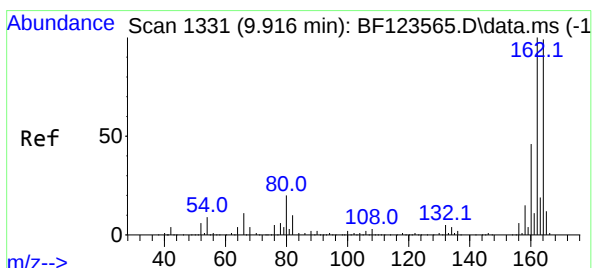
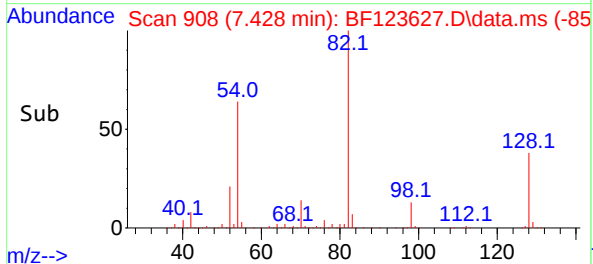
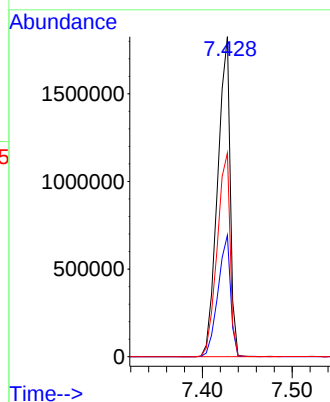
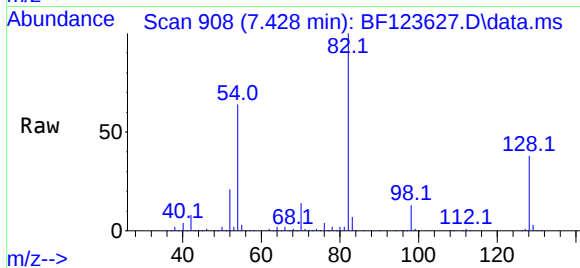
Tgt Ion: 82 Resp: 1774453

Ion	Ratio	Lower	Upper
82	100		
128	38.0	29.4	44.2
54	63.6	54.1	81.1

Instrument :
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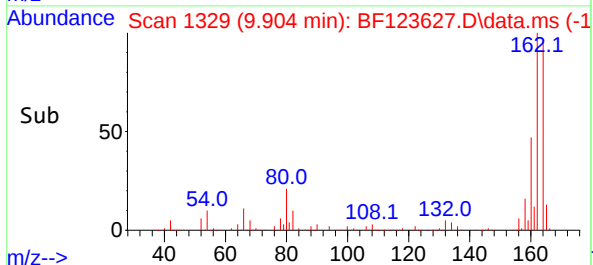
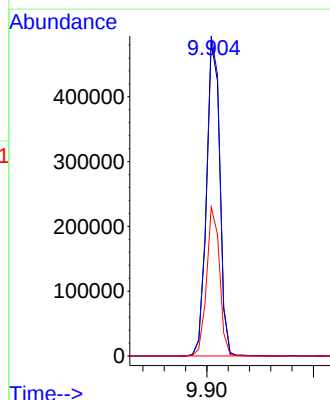
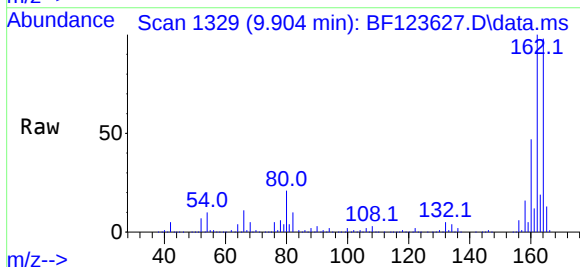
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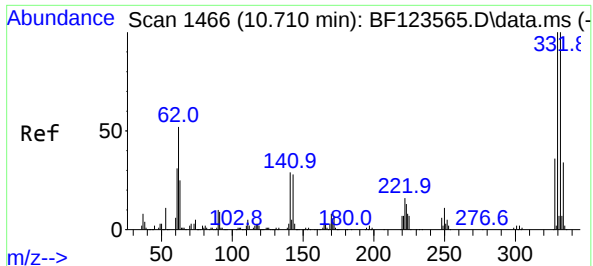


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

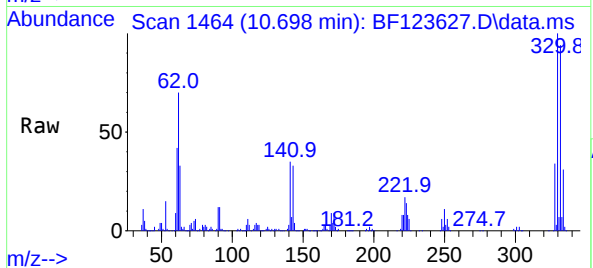
Tgt Ion:164 Resp: 420400

Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.7	121.1
160	47.5	37.3	55.9

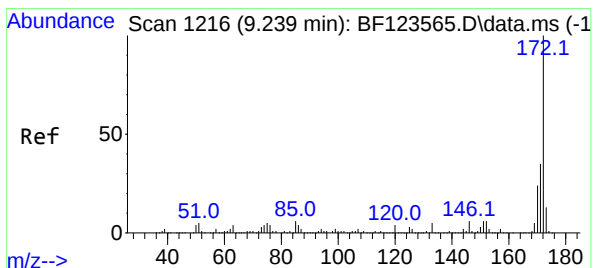
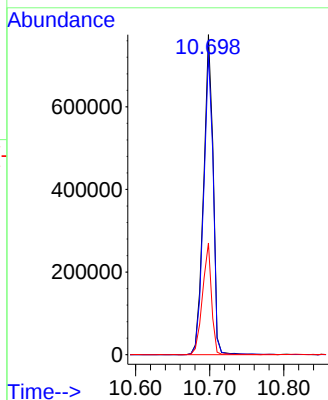
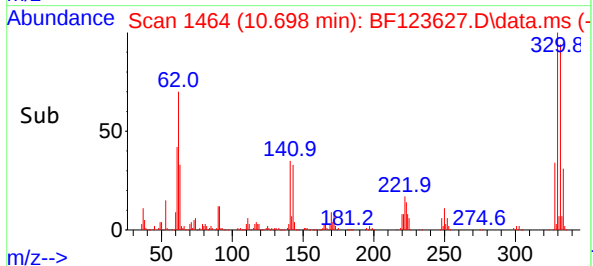




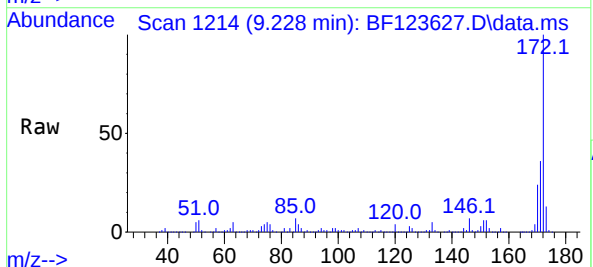
#42
2,4,6-Tribromophenol
Concen: 145.96 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41



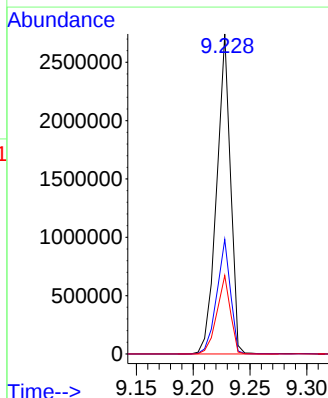
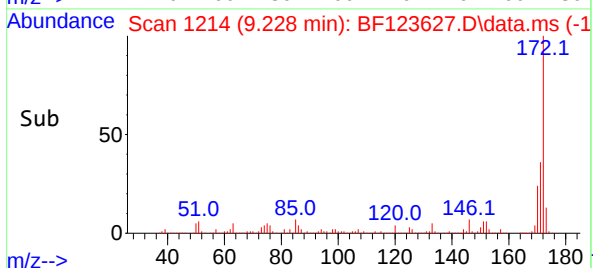
Tgt Ion: 330 Resp: 694877
Ion Ratio Lower Upper
330 100
332 94.4 77.1 115.7
141 32.8 27.9 41.9



#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



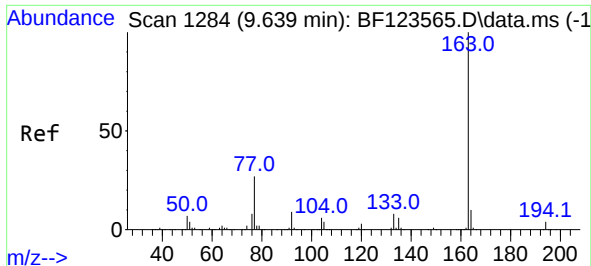
Tgt Ion: 172 Resp: 2328243
Ion Ratio Lower Upper
172 100
171 35.8 28.1 42.1
170 24.5 19.2 28.8



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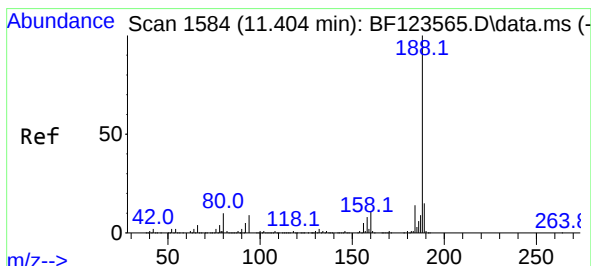
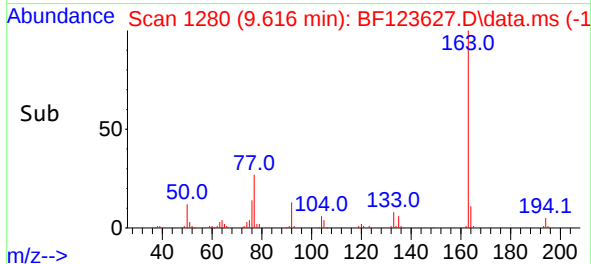
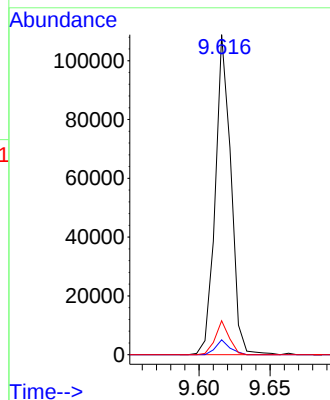
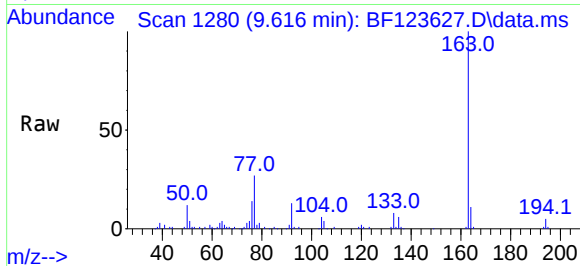
#50
Dimethylphthalate
Concen: 2.87 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.023 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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

Instrument :
BNA_F
ClientSampled :
TP2-2-4

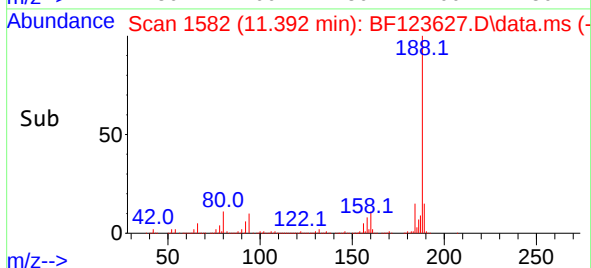
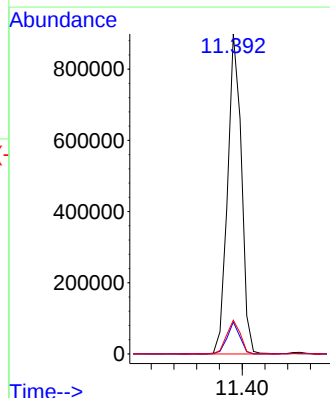
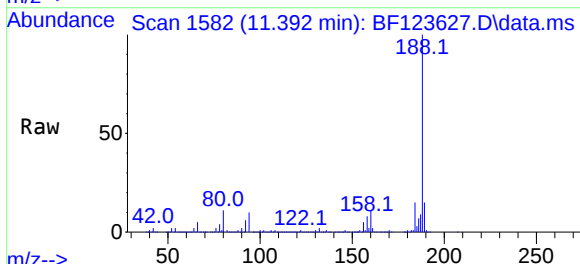
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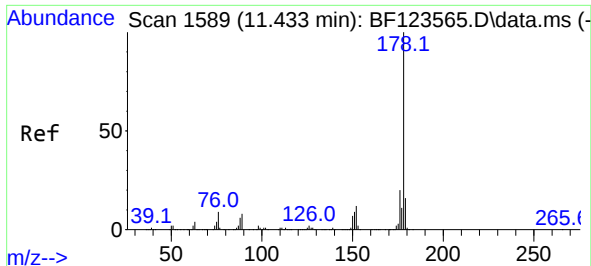
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

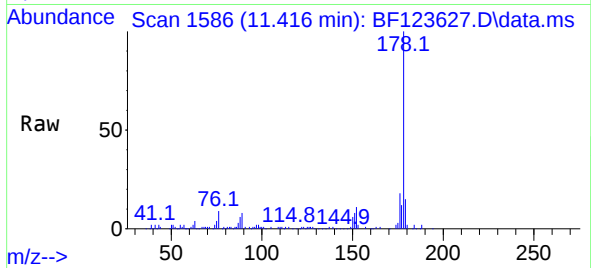
Tgt Ion:188 Resp: 760482
Ion Ratio Lower Upper
188 100
94 10.0 6.9 10.3
80 10.6 8.2 12.2





#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

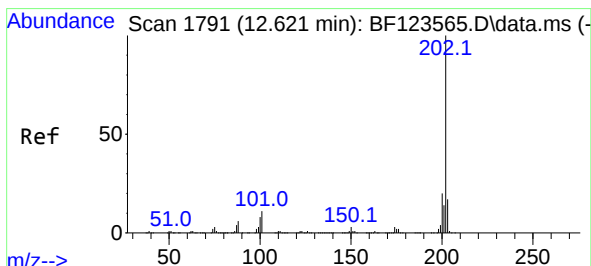
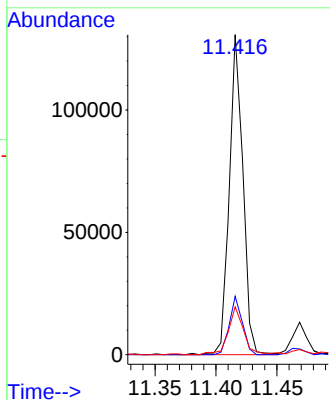
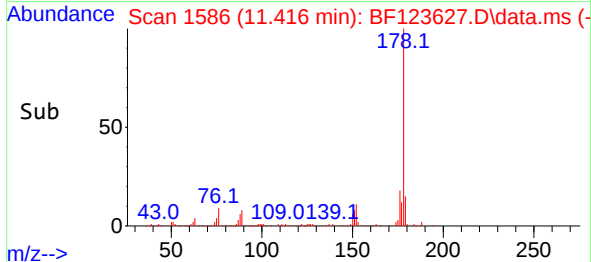
Instrument :
BNA_F
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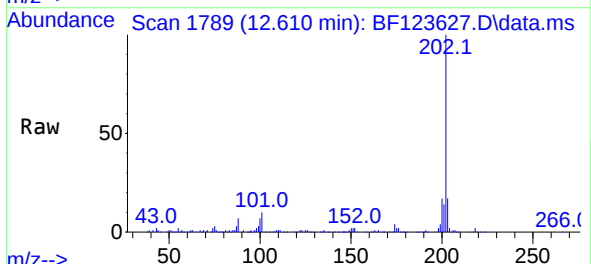
Tgt Ion:178 Resp: 101677
Ion Ratio Lower Upper
178 100
176 18.3 15.6 23.4
179 15.0 12.5 18.7

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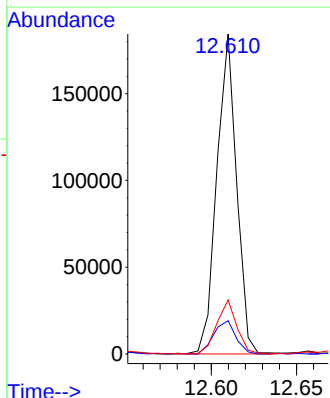
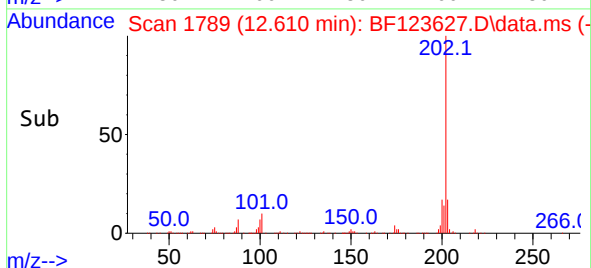
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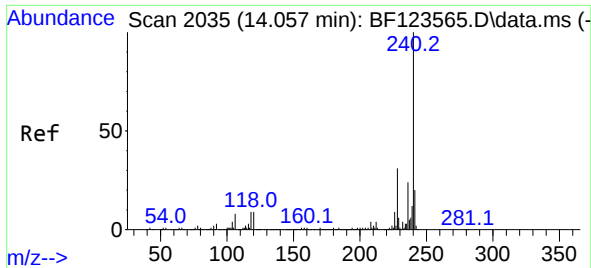


#75
Fluoranthene
Concen: 3.42 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41



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





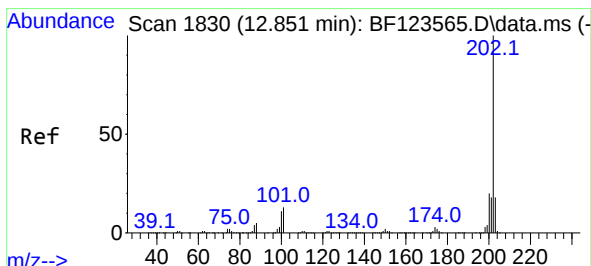
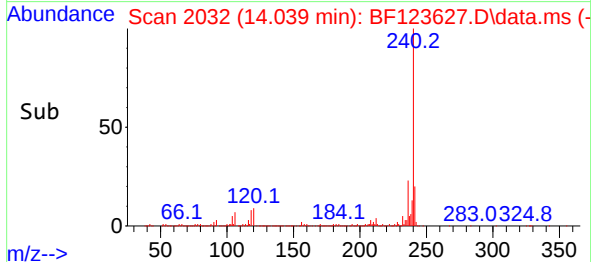
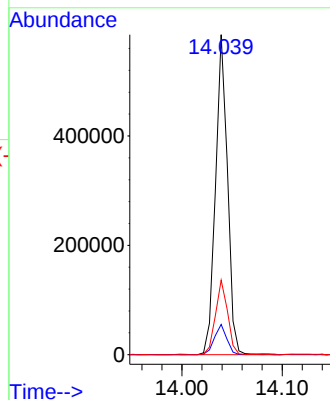
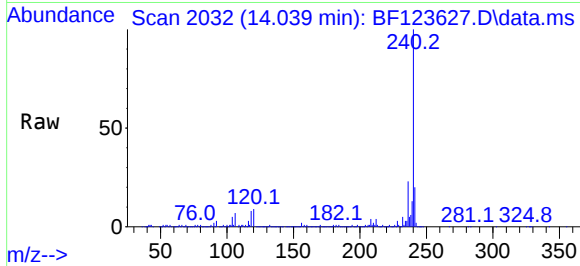
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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

Instrument :
BNA_F
ClientSampled :
TP2-2-4

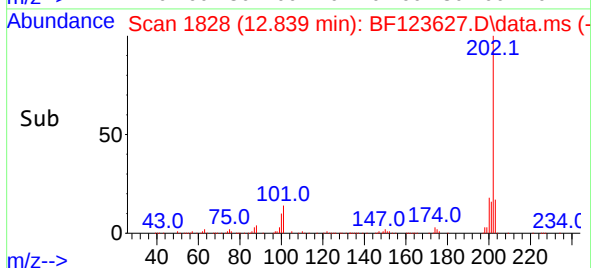
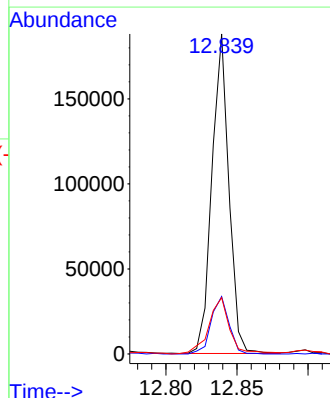
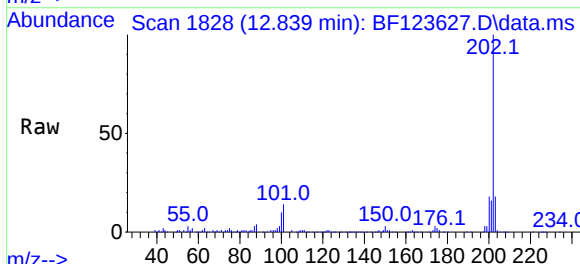
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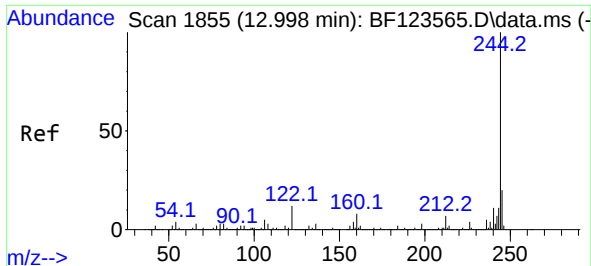
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#78
Pyrene
Concen: 4.42 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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





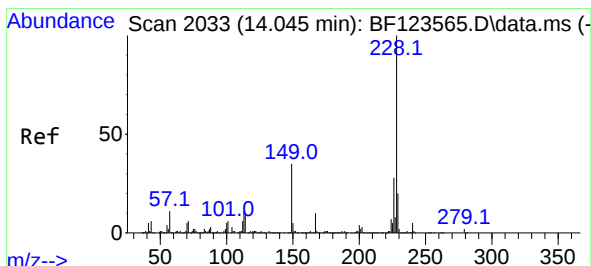
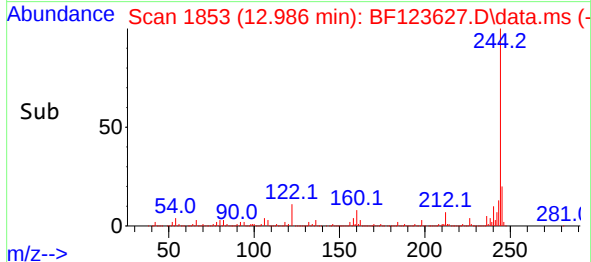
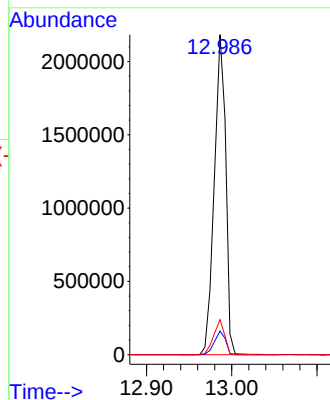
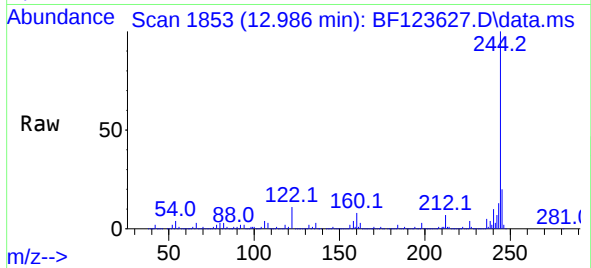
#79
Terphenyl-d14
Concen: 81.70 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.012 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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
ClientSampled :
TP2-2-4

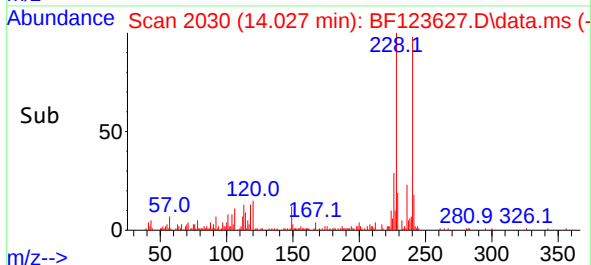
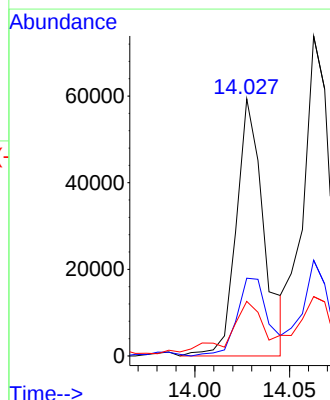
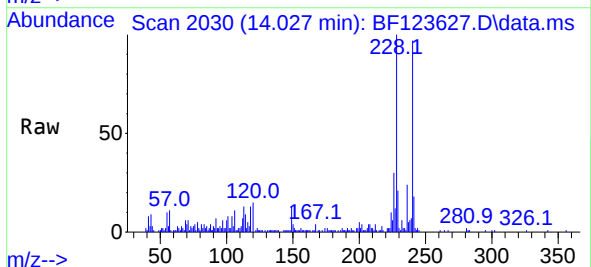
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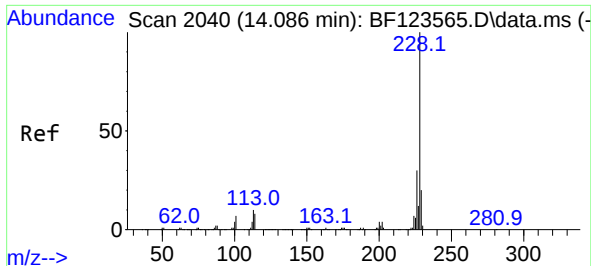
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#81
Benzo(a)anthracene
Concen: 2.01 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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





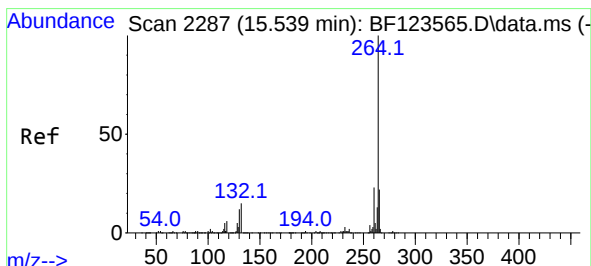
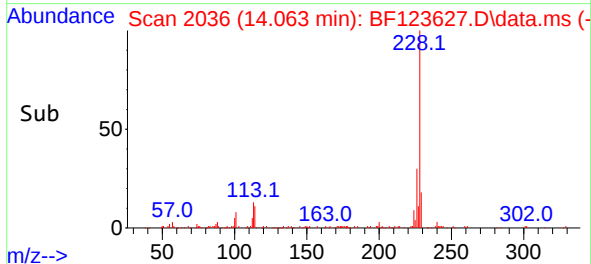
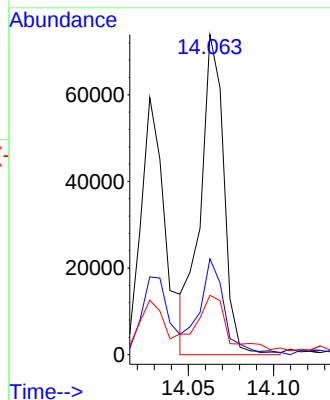
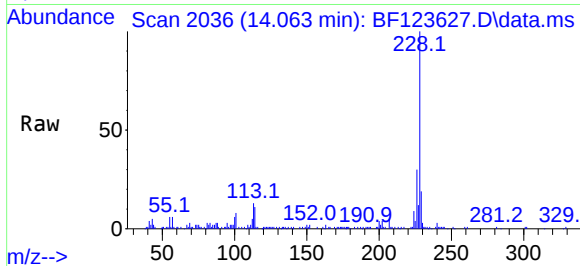
#83
Chrysene
Concen: 2.38 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.023 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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

Instrument :
BNA_F
ClientSampled :
TP2-2-4

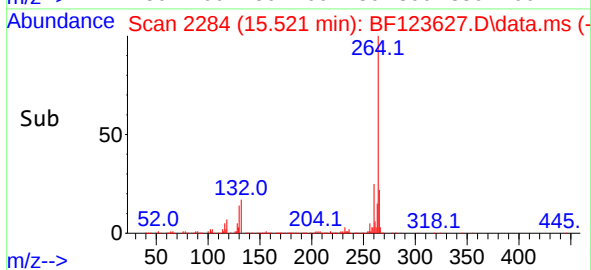
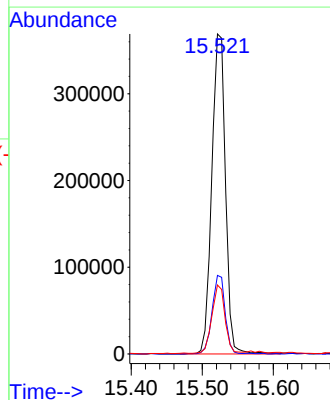
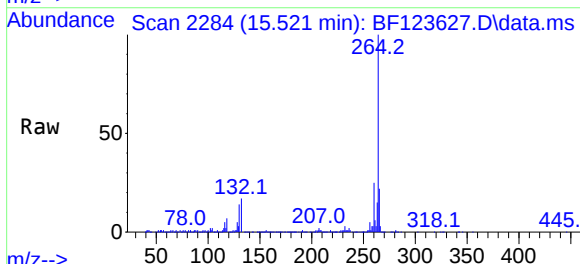
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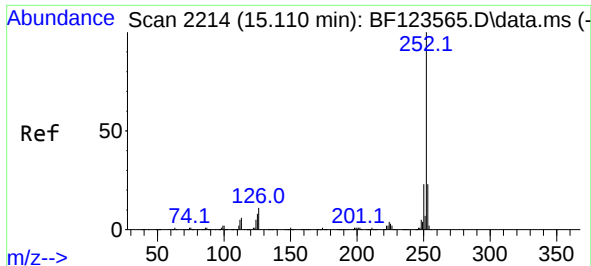
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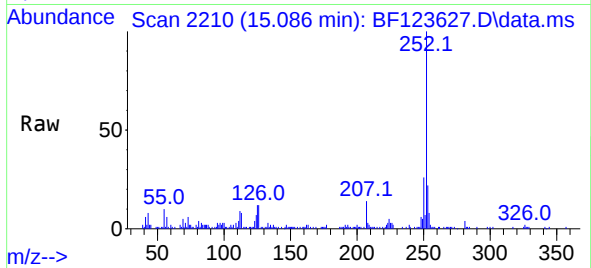
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. -0.018 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41

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

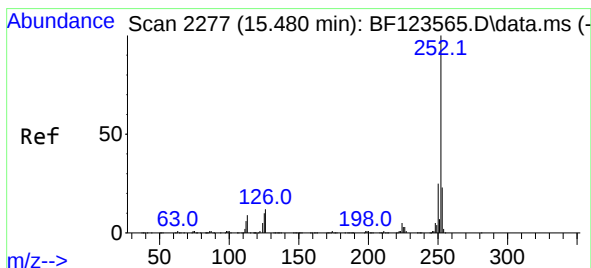
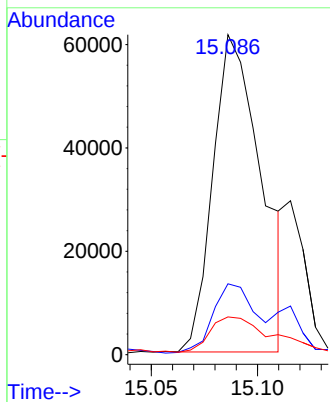
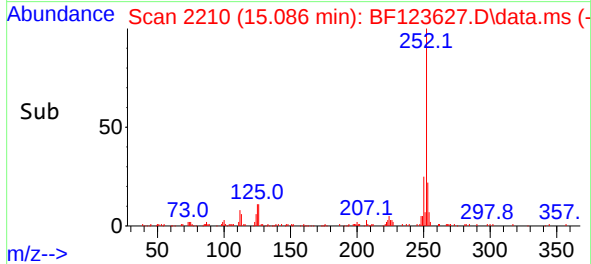




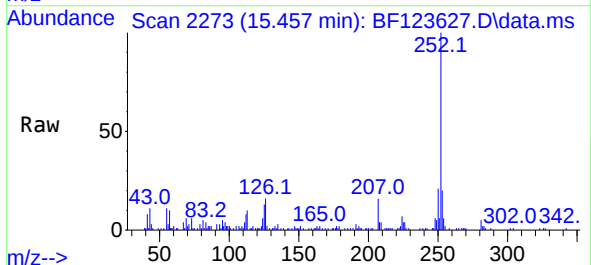
#88
Benzo(b)fluoranthene
Concen: 2.77 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.023 min
Lab File: BF123627.D
Acq: 19 Apr 2021 17:41



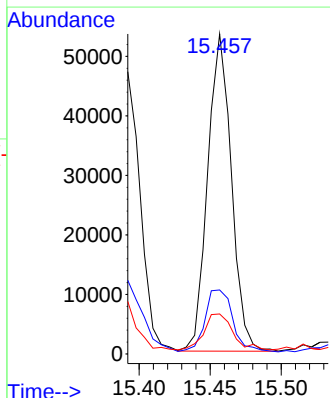
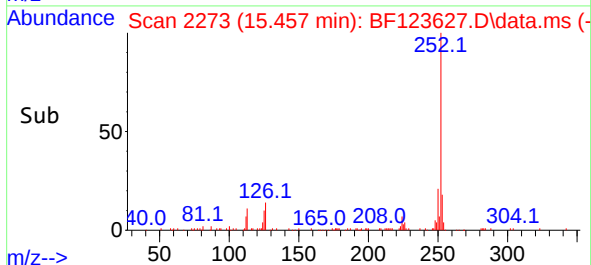
Tgt Ion:252 Resp: 96564
Ion Ratio Lower Upper
252 100
253 22.2 18.1 27.1
125 11.8 6.2 9.4#



#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



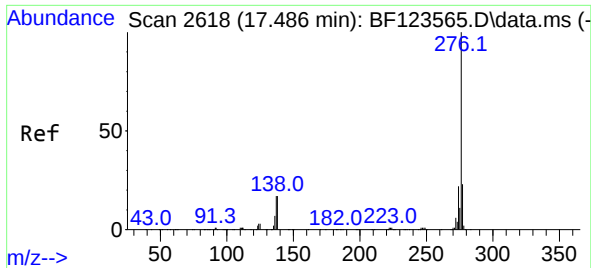
Tgt Ion:252 Resp: 62034
Ion Ratio Lower Upper
252 100
253 20.0 18.4 27.6
125 12.5 8.0 12.0#



Instrument :
BNA_F
ClientSampleId :
TP2-2-4

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#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	Ratio	Lower	Upper
276	100		
277	20.5	18.2	27.2
138	26.5	13.8	20.6

Instrument :
BNA_F
ClientSampled :
TP2-2-4

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