

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
 Data File : BF123675.D
 Acq On : 21 Apr 2021 19:34
 Operator : JU/CG
 Sample : M2090-22
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SEDGWICK-COMP-5

Manual Integrations
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Quant Time: Apr 22 00:56:12 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	204552	20.00	ng	0.00
21) Naphthalene-d8	8.134	136	782839	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	374760	20.00	ng	0.00
64) Phenanthrene-d10	11.380	188	616091	20.00	ng	0.00
76) Chrysene-d12	14.033	240	435000	20.00	ng	0.00
86) Perylene-d12	15.515	264	471416	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1293695	102.22	ng	0.00
7) Phenol-d6	6.487	99	1670429	95.25	ng	0.00
23) Nitrobenzene-d5	7.410	82	1167927	68.59	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	373701	88.06	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1599766	63.63	ng	0.00
79) Terphenyl-d14	12.974	244	1172562	52.39	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	9.751	152	79402	2.20	ng	97
50) Dimethylphthalate	9.604	163	74239	2.87	ng	100
52) Acenaphthene	9.928	154	48435	2.09	ng	96
58) Fluorene	10.439	166	68241	2.61	ng	95
71) Phenanthrene	11.404	178	702919	21.86	ng	99
72) Anthracene	11.457	178	189417	5.89	ng	98
75) Fluoranthene	12.598	202	935400	26.47	ng	99
78) Pyrene	12.827	202	846938	26.68	ng	98
81) Benzo(a)anthracene	14.021	228	483255	18.13	ng	97
83) Chrysene	14.057	228	405398	15.14	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	260485	10.36	ng	98
88) Benzo(b)fluoranthene	15.080	252	608195m	18.27	ng	
89) Benzo(k)fluoranthene	15.110	252	227573m	6.27	ng	
90) Benzo(a)pyrene	15.451	252	461176	17.42	ng	97
91) Dibenzo(a,h)anthracene	17.004	278	66723	3.14	ng	# 78
92) Benzo(g,h,i)perylene	17.445	276	225648	13.03	ng	97

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

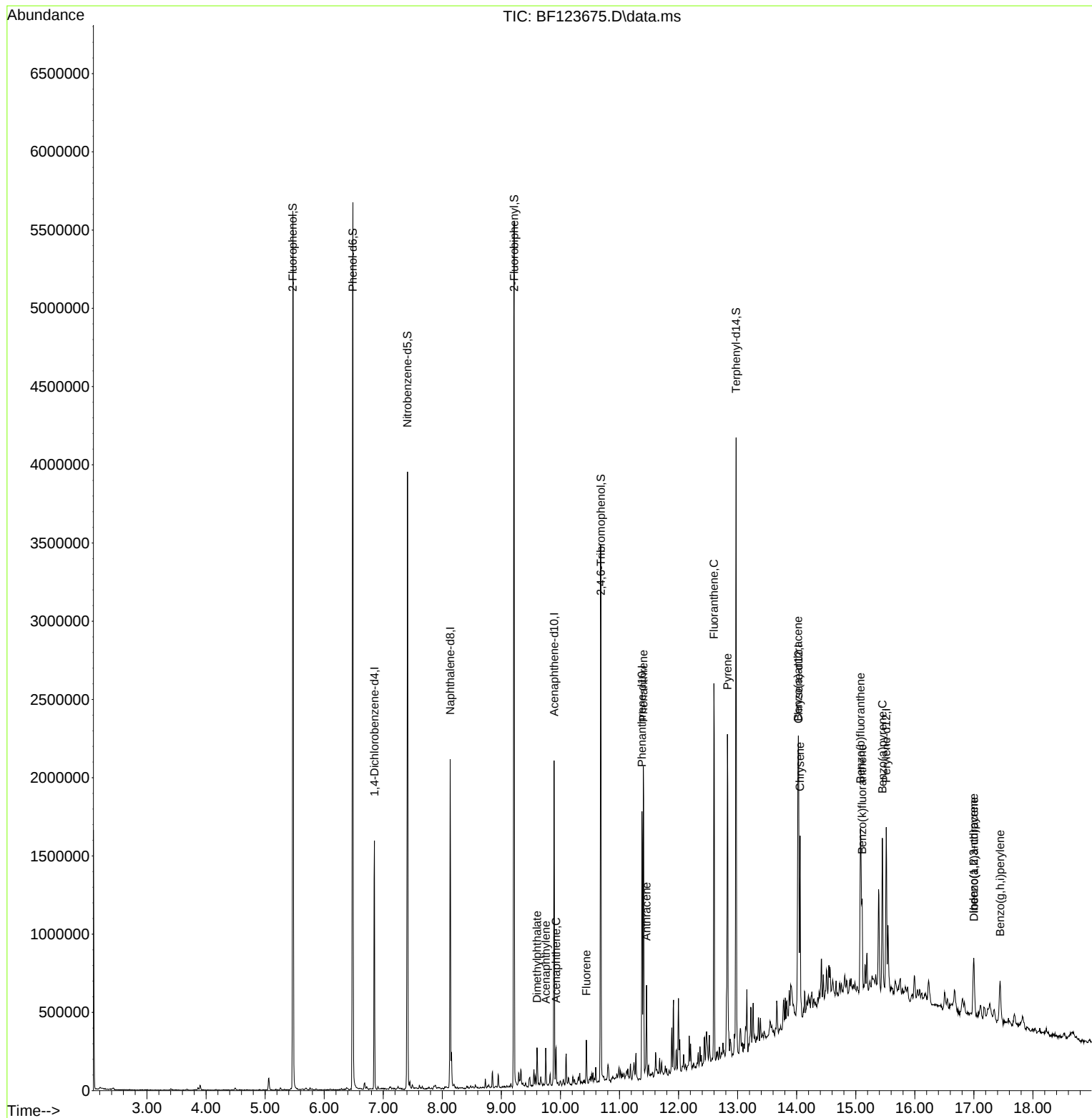
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042121\
Data File : BF123675.D
Acq On : 21 Apr 2021 19:34
Operator : JU/CG
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Misc :
ALS Vial : 17 Sample Multiplier: 1

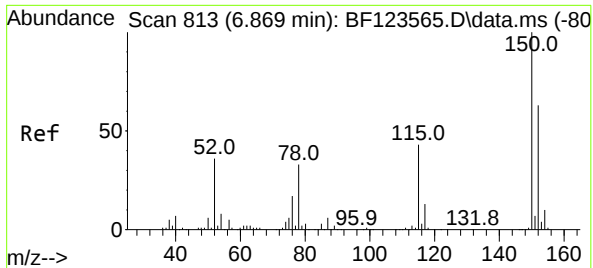
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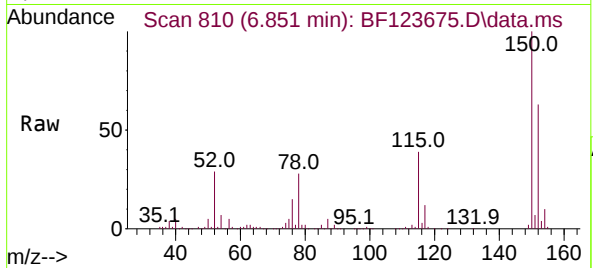
Quant Time: Apr 22 00:56:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 20 15:49:40 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

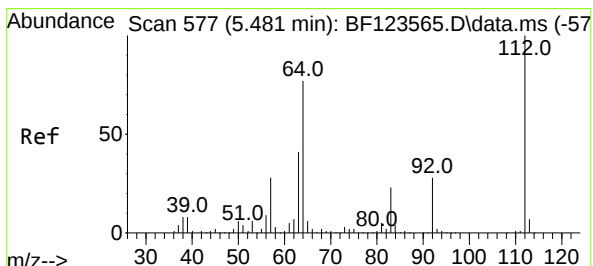
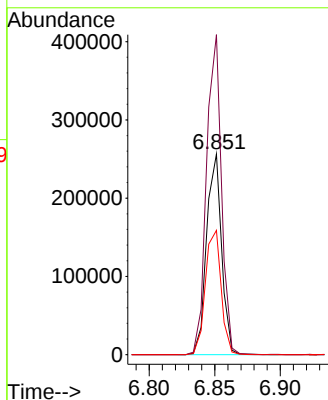
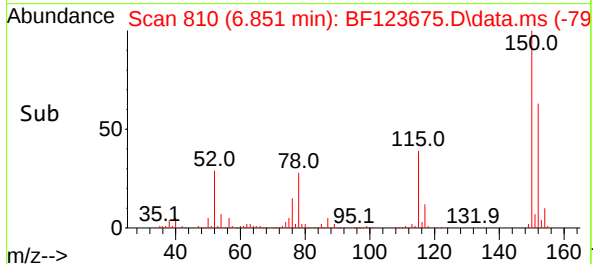
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BNA_F
ClientSampleId :
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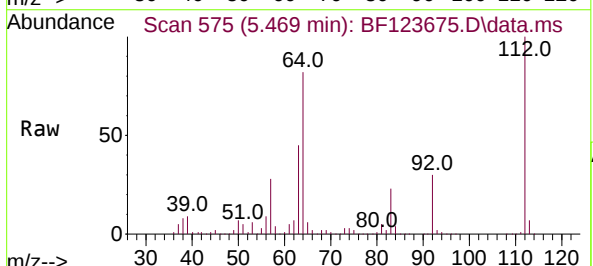
Tgt Ion:152 Resp: 204552
Ion Ratio Lower Upper
152 100
150 159.5 127.0 190.6
115 62.0 54.3 81.5

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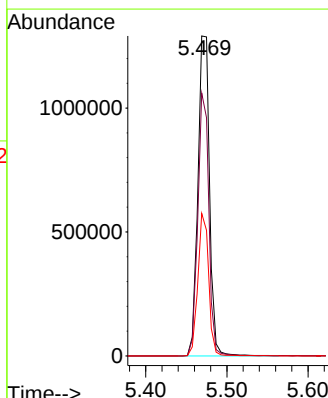
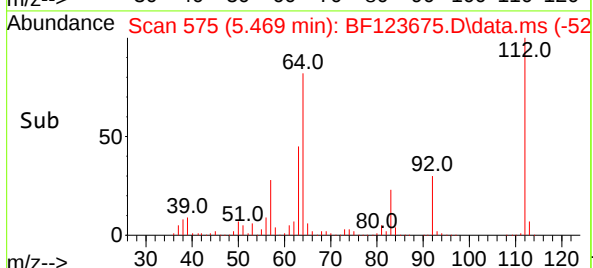
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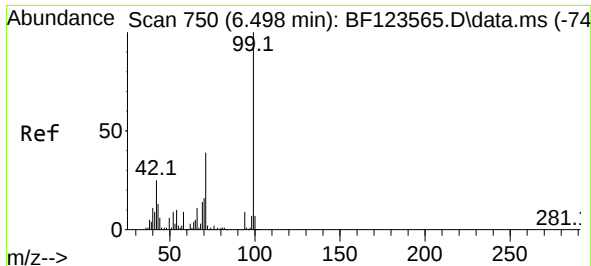


#5
2-Fluorophenol
Concen: 102.22 ng
RT: 5.469 min Scan# 575
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



Tgt Ion:112 Resp: 1293695
Ion Ratio Lower Upper
112 100
64 82.1 61.4 92.0
63 44.5 33.0 49.4





#7
Phenol-d6
Concen: 95.25 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

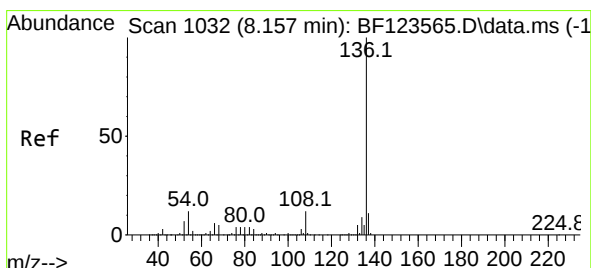
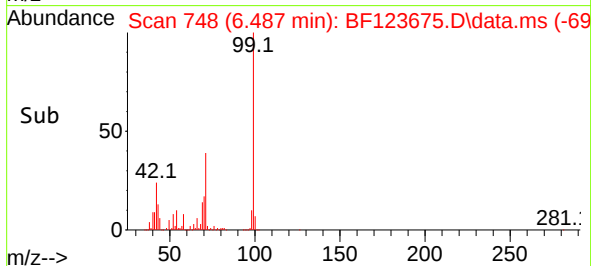
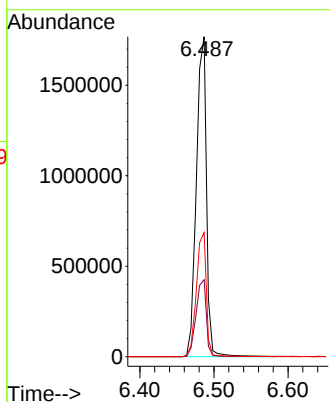
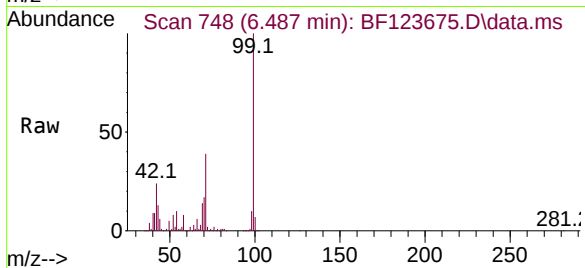
Tgt Ion: 99 Resp: 1670429

Ion	Ratio	Lower	Upper
99	100		
42	24.1	19.8	29.8
71	38.8	31.1	46.7

Instrument :
BNA_F
ClientSampleId :
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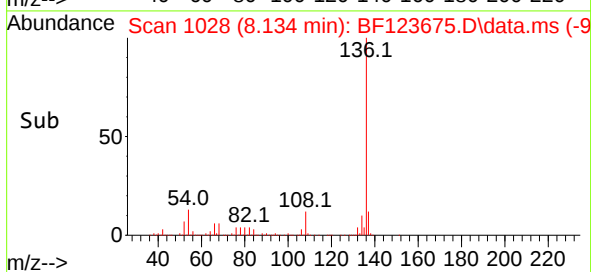
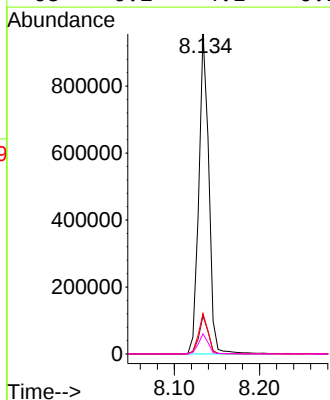
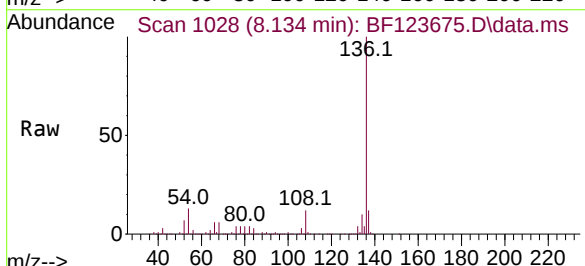
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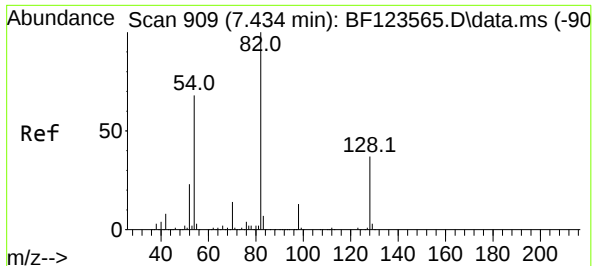


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

Tgt Ion: 136 Resp: 782839

Ion	Ratio	Lower	Upper
136	100		
137	11.9	8.7	13.1
54	12.7	9.8	14.6
68	6.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 68.59 ng

RT: 7.410 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF123675.D

Acq: 21 Apr 2021 19:34

Tgt Ion: 82 Resp: 1167927

Ion	Ratio	Lower	Upper
82	100		
128	37.6	29.4	44.2
54	65.6	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

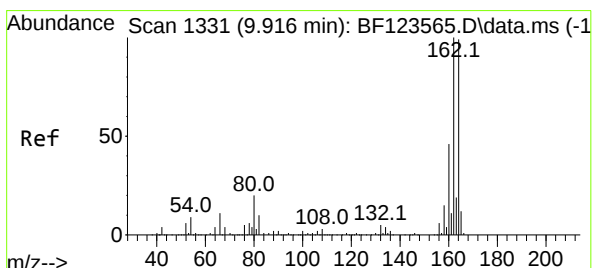
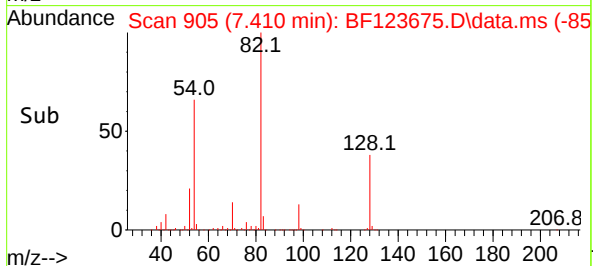
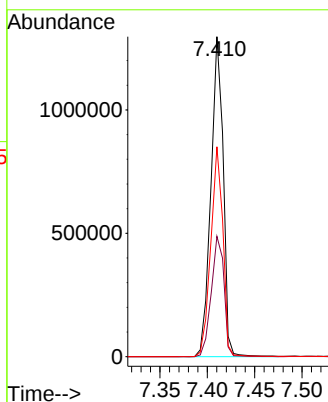
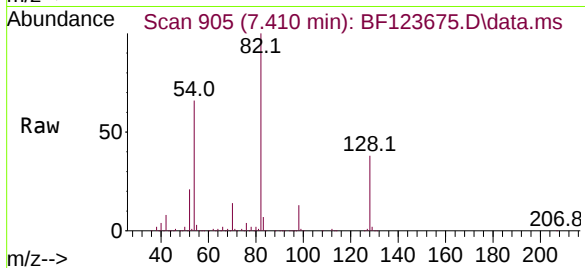
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#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1327

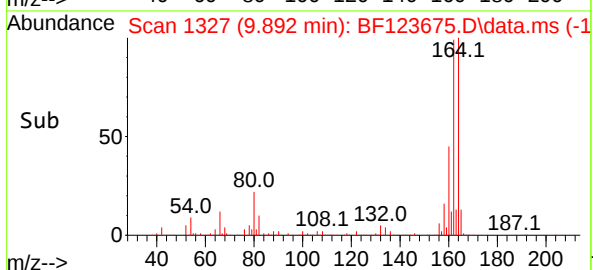
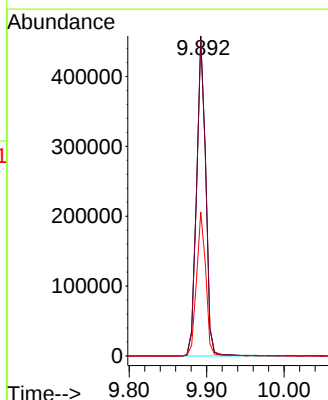
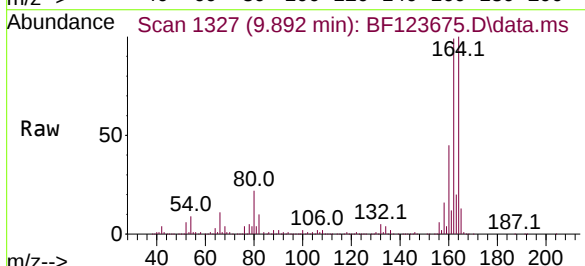
Delta R.T. -0.006 min

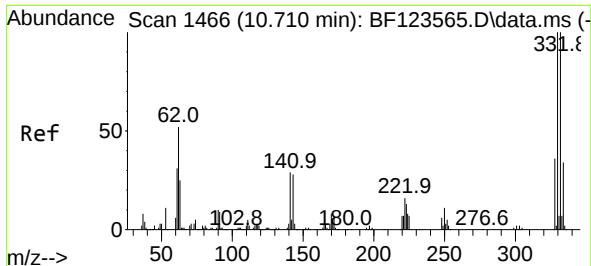
Lab File: BF123675.D

Acq: 21 Apr 2021 19:34

Tgt Ion: 164 Resp: 374760

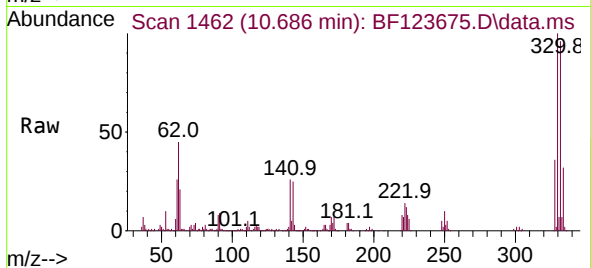
Ion	Ratio	Lower	Upper
164	100		
162	98.7	80.7	121.1
160	45.0	37.3	55.9





#42
2,4,6-Tribromophenol
Concen: 88.06 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

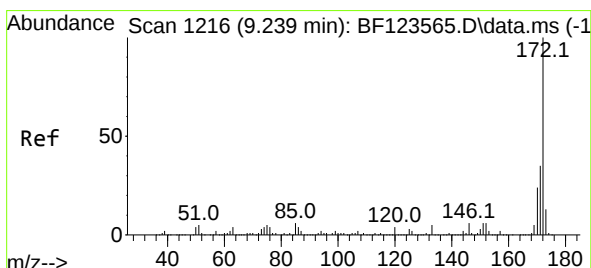
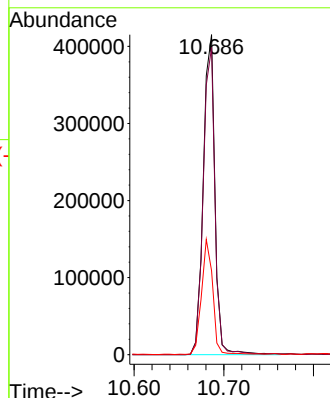
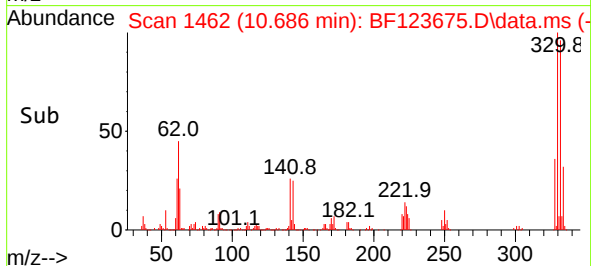
Instrument :
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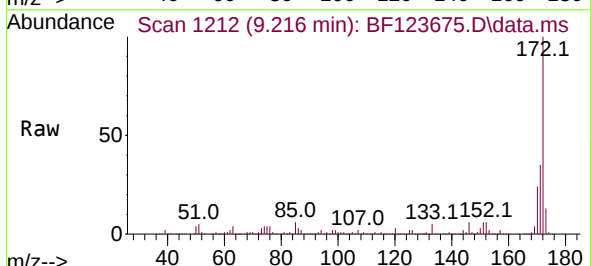
Tgt Ion:330 Resp: 373701
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 34.7 27.9 41.9

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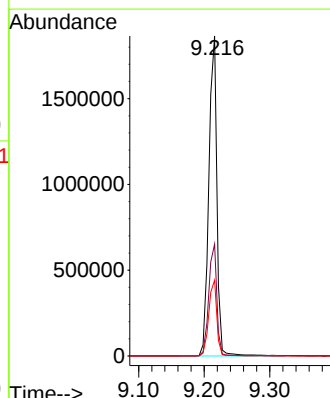
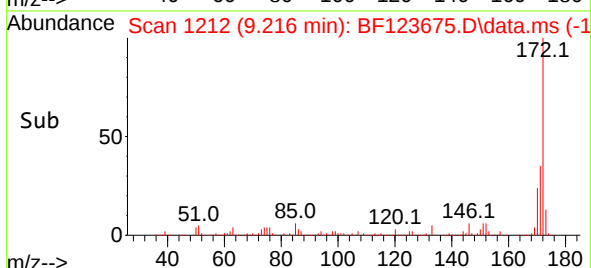
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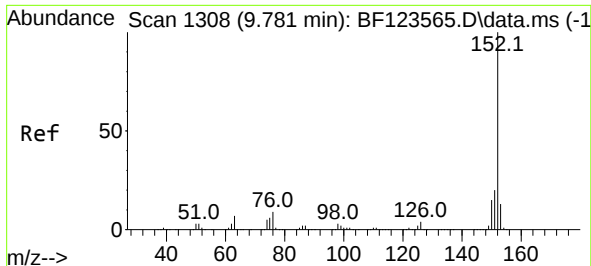


#45
2-Fluorobiphenyl
Concen: 63.63 ng
RT: 9.216 min Scan# 1212
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



Tgt Ion:172 Resp: 1599766
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.7 19.2 28.8





#49

Acenaphthylene

Concen: 2.20 ng

RT: 9.751 min Scan# 1303

Delta R.T. -0.006 min

Lab File: BF123675.D

Acq: 21 Apr 2021 19:34

Tgt Ion:	152	Resp:	79402
Ion Ratio	Lower	Upper	
152	100		
151	17.9	16.0	24.0
153	13.3	10.4	15.6

Instrument :

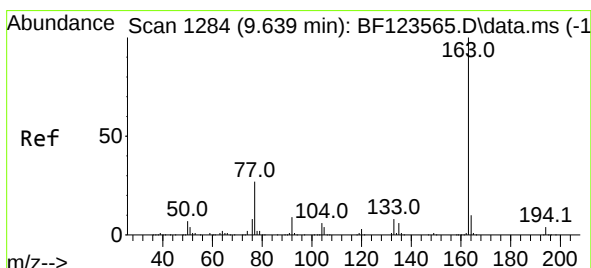
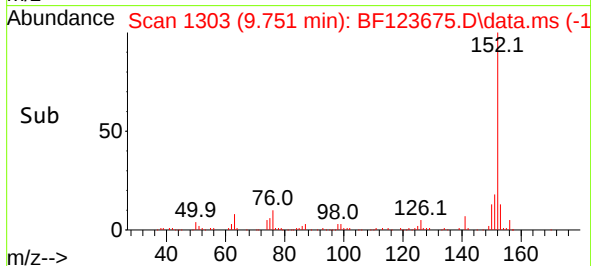
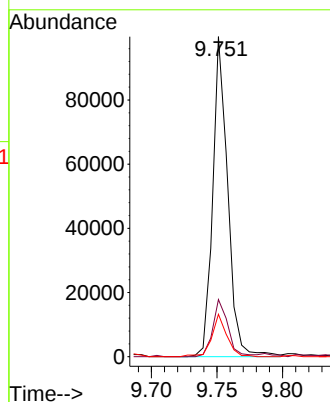
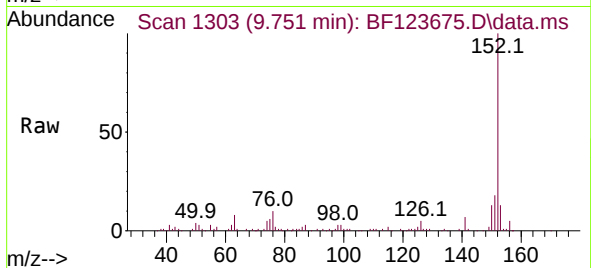
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#50

Dimethylphthalate

Concen: 2.87 ng

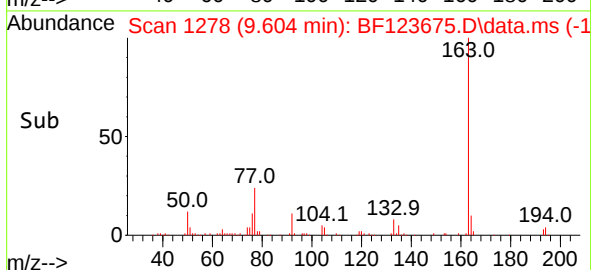
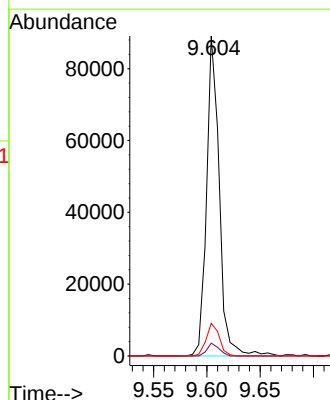
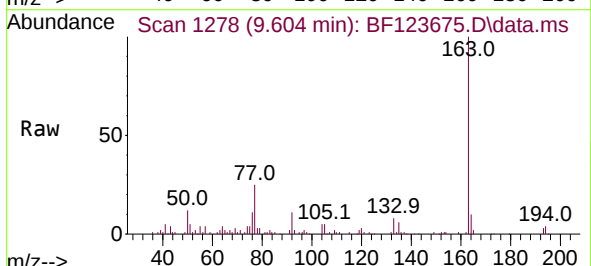
RT: 9.604 min Scan# 1278

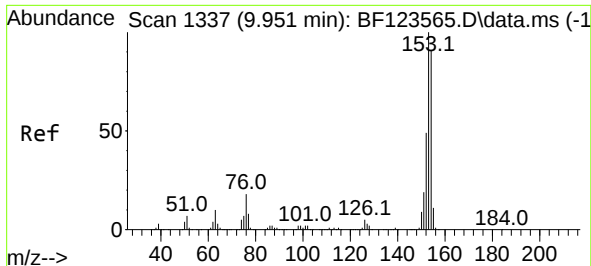
Delta R.T. -0.018 min

Lab File: BF123675.D

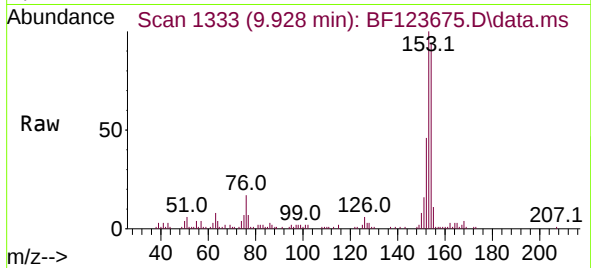
Acq: 21 Apr 2021 19:34

Tgt Ion:	163	Resp:	74239
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.1	4.7
164	10.2	8.2	12.2

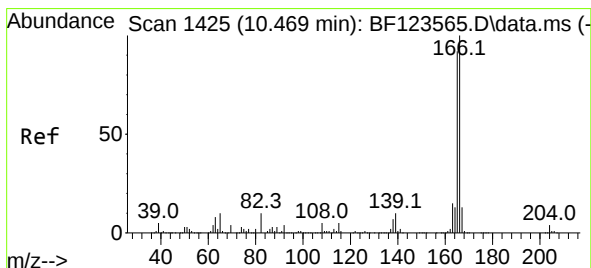
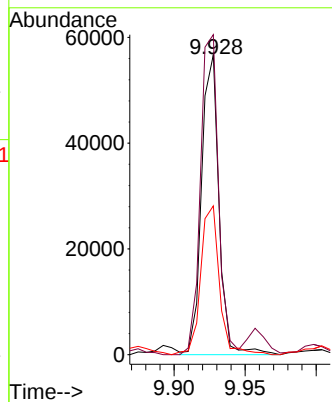
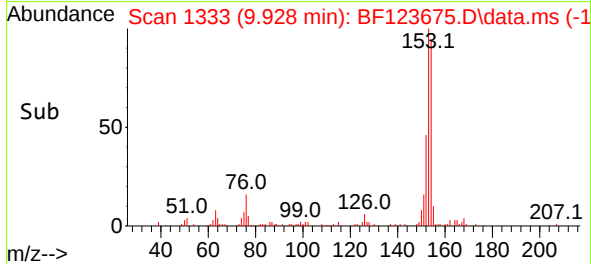




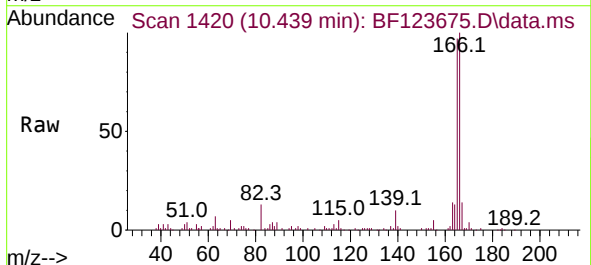
#52
Acenaphthene
Concen: 2.09 ng
RT: 9.928 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



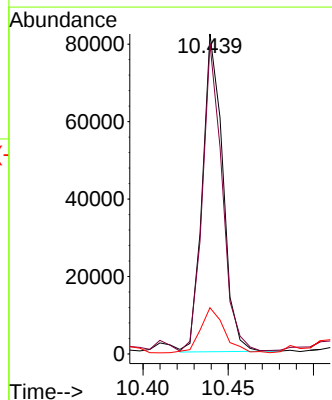
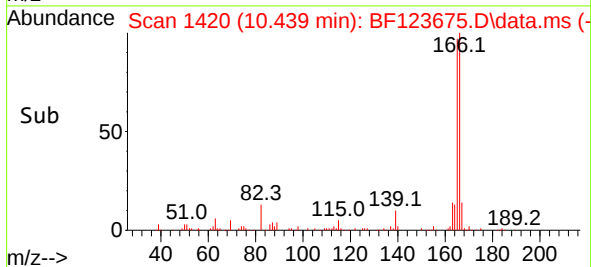
Tgt Ion:154 Resp: 48435
Ion Ratio Lower Upper
154 100
153 106.7 88.1 132.1
152 49.6 43.4 65.0



#58
Fluorene
Concen: 2.61 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



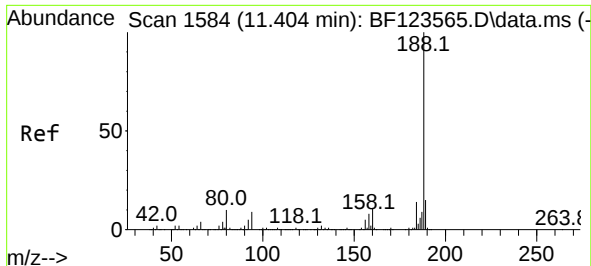
Tgt Ion:166 Resp: 68241
Ion Ratio Lower Upper
166 100
165 97.0 73.5 110.3
167 14.4 10.7 16.1



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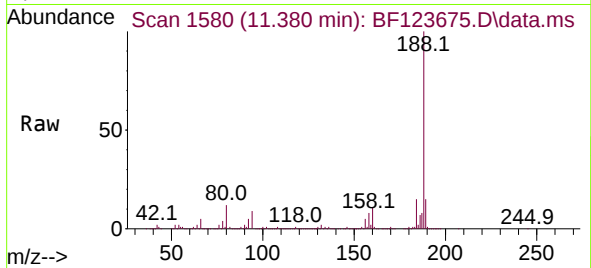
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

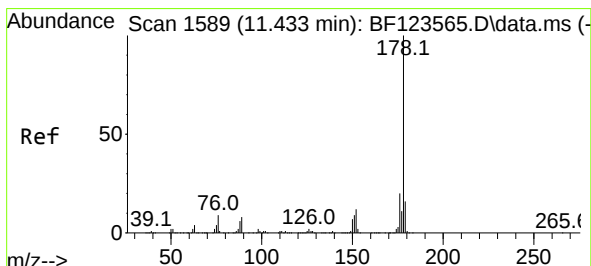
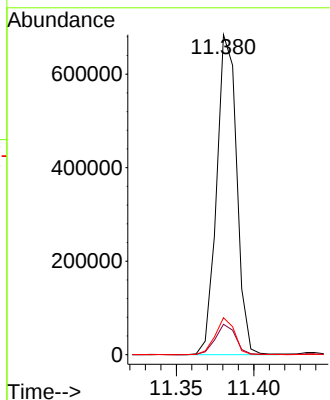
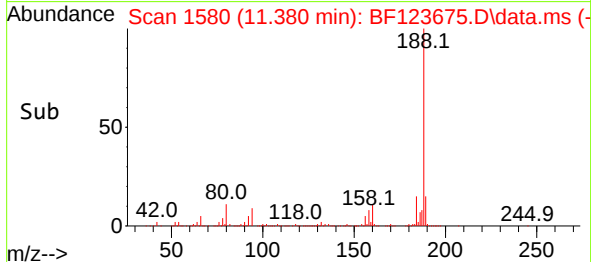
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-5



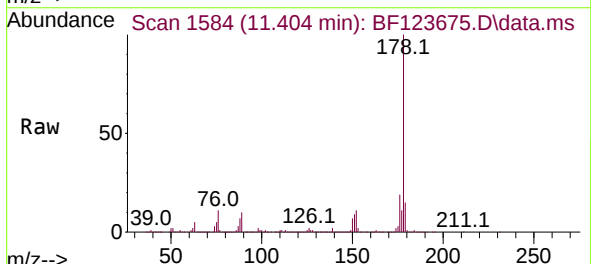
Tgt Ion:188 Resp: 616091
Ion Ratio Lower Upper
188 100
94 9.5 6.9 10.3
80 11.5 8.2 12.2

Manual Integrations
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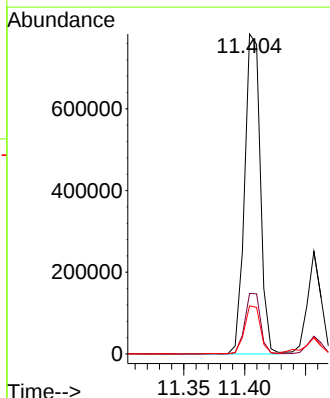
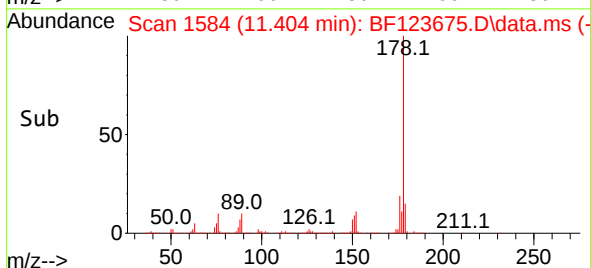
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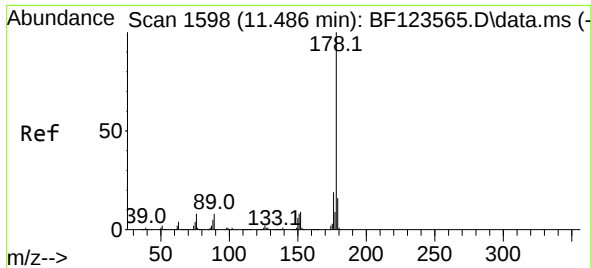


#71
Phenanthrene
Concen: 21.86 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



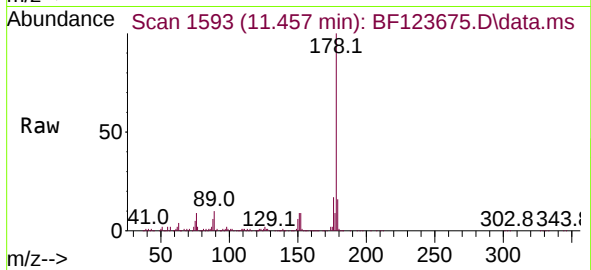
Tgt Ion:178 Resp: 702919
Ion Ratio Lower Upper
178 100
176 18.9 15.6 23.4
179 15.1 12.5 18.7





#72
 Anthracene
 Concen: 5.89 ng
 RT: 11.457 min Scan# 1593
 Delta R.T. -0.006 min
 Lab File: BF123675.D
 Acq: 21 Apr 2021 19:34

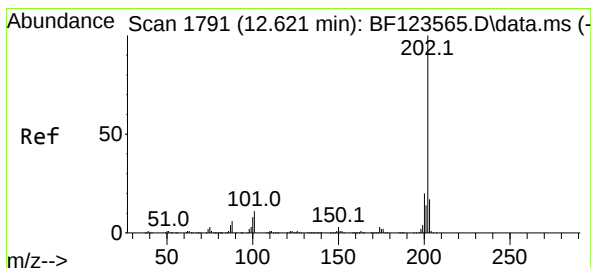
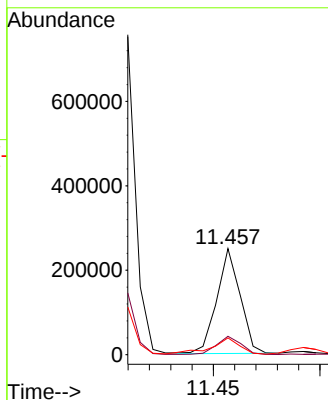
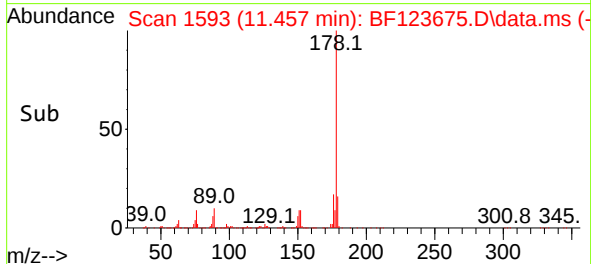
Instrument :
 BNA_F
 ClientSampleId :
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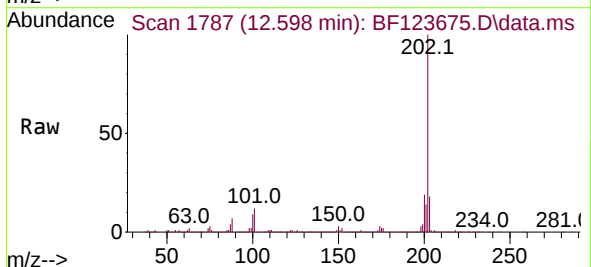
Tgt Ion:178 Resp: 189417
 Ion Ratio Lower Upper
 178 100
 176 17.3 15.4 23.0
 179 15.9 12.6 18.8

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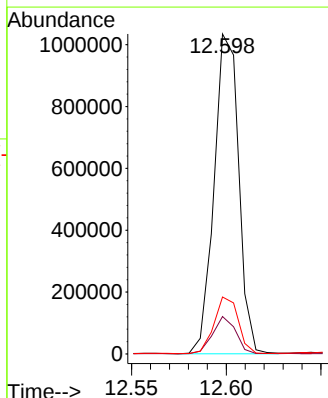
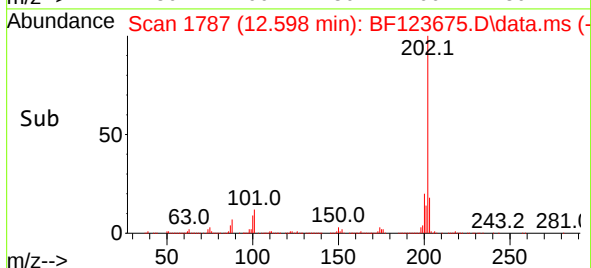
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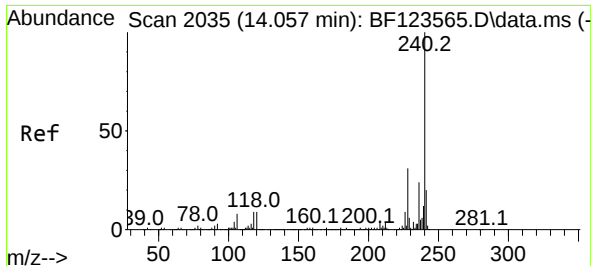


#75
 Fluoranthene
 Concen: 26.47 ng
 RT: 12.598 min Scan# 1787
 Delta R.T. -0.006 min
 Lab File: BF123675.D
 Acq: 21 Apr 2021 19:34



Tgt Ion:202 Resp: 935400
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.9
 203 17.8 0.0 37.5





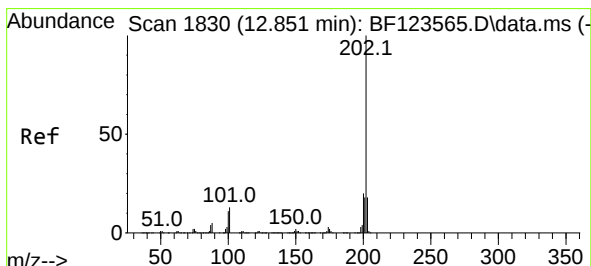
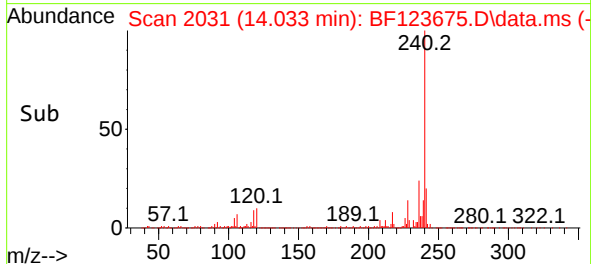
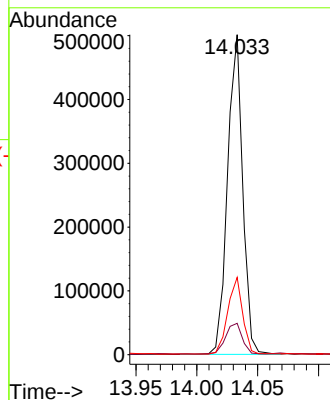
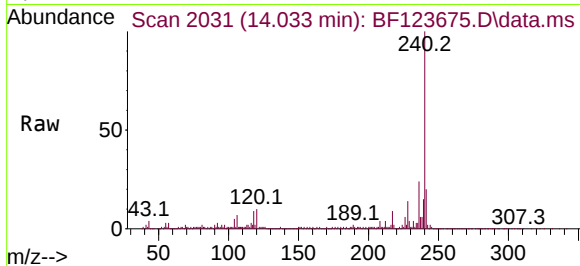
#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

Tgt Ion:240 Resp: 435000
Ion Ratio Lower Upper
240 100
120 9.8 7.2 10.8
236 24.1 19.0 28.4

Instrument :
BNA_F
ClientSampleId :
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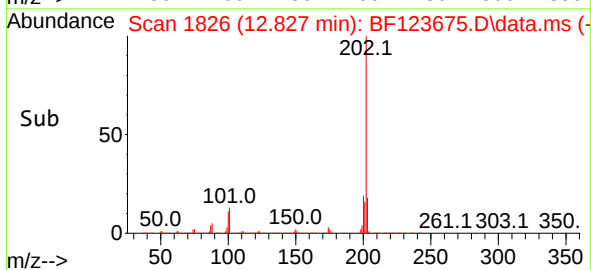
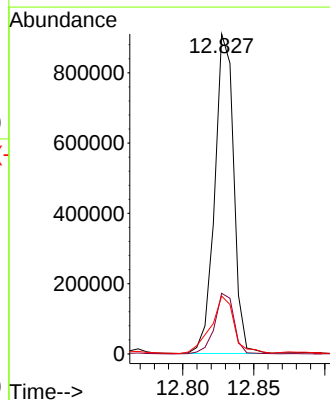
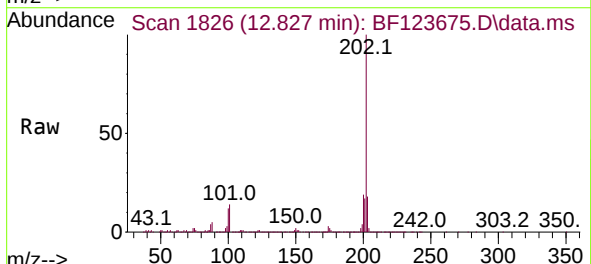
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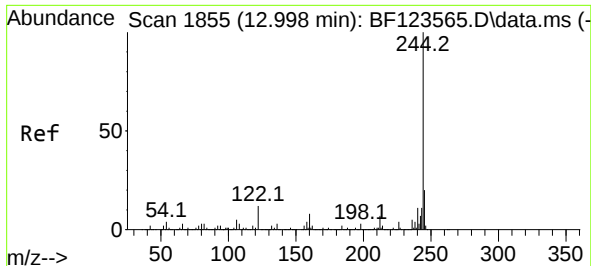
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#78
Pyrene
Concen: 26.68 ng
RT: 12.827 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

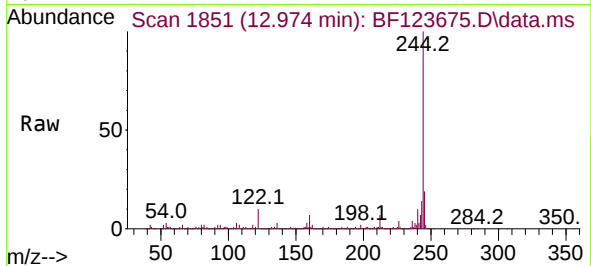
Tgt Ion:202 Resp: 846938
Ion Ratio Lower Upper
202 100
200 19.0 16.1 24.1
203 18.1 14.8 22.2





#79
Terphenyl-d14
Concen: 52.39 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

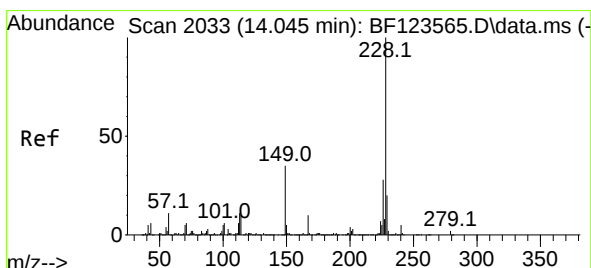
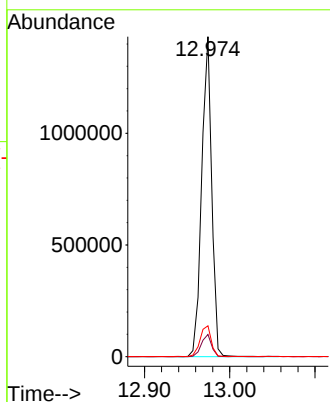
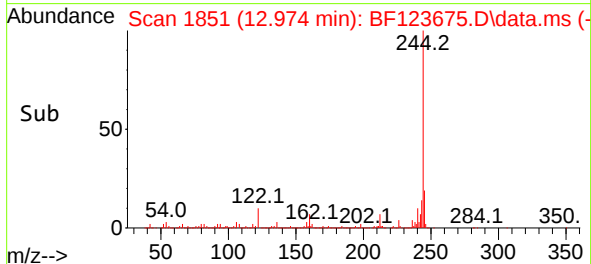
Instrument :
BNA_F
ClientSampleId :
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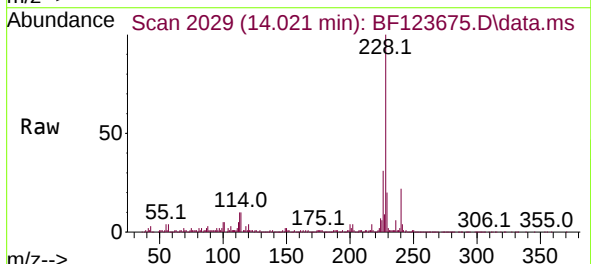
Tgt Ion:244 Resp: 1172562
Ion Ratio Lower Upper
244 100
212 7.0 5.7 8.5
122 9.7 9.7 14.5#

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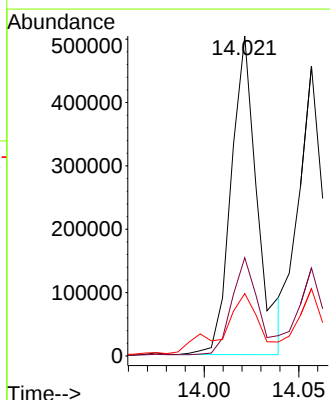
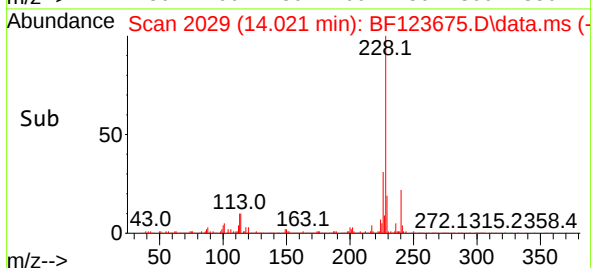
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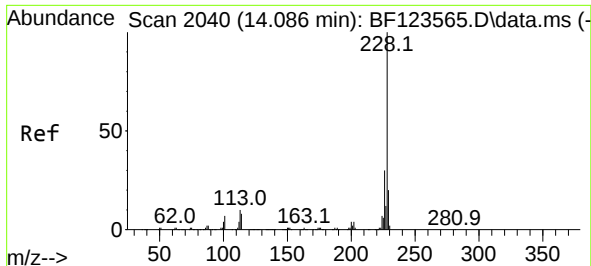


#81
Benzo(a)anthracene
Concen: 18.13 ng
RT: 14.021 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

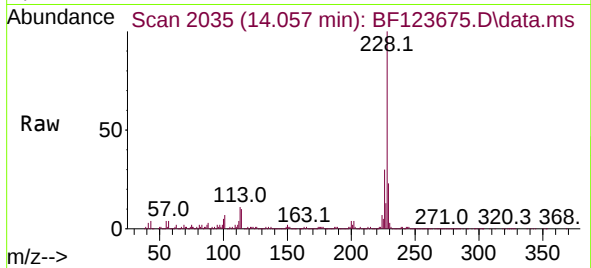


Tgt Ion:228 Resp: 483255
Ion Ratio Lower Upper
228 100
226 30.7 22.4 33.6
229 19.5 16.0 24.0

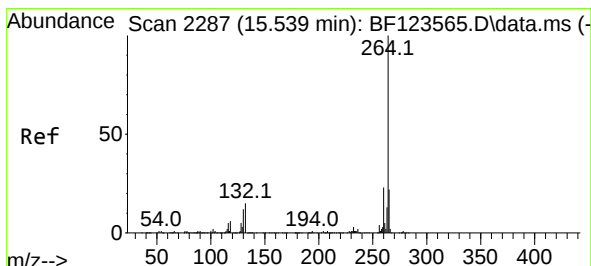
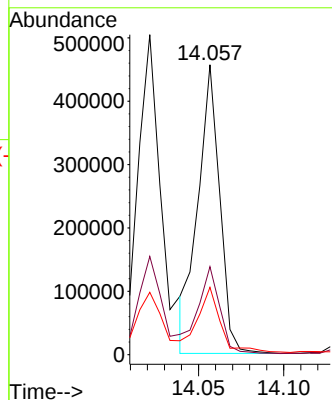
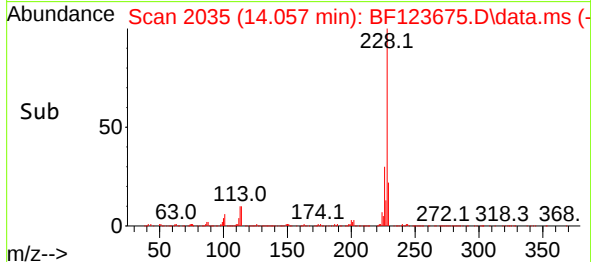




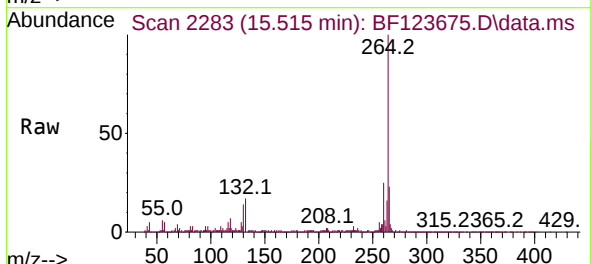
#83
Chrysene
Concen: 15.14 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



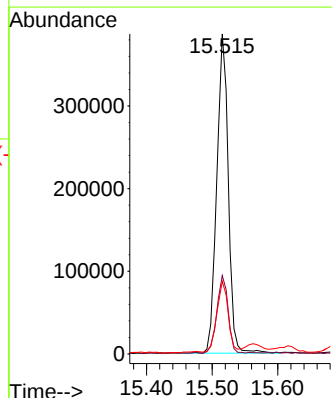
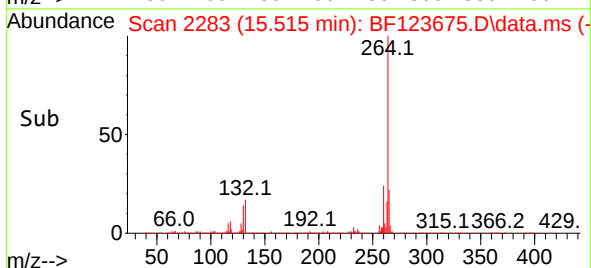
Tgt Ion:228 Resp: 405398
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 23.2 16.2 24.2



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.012 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



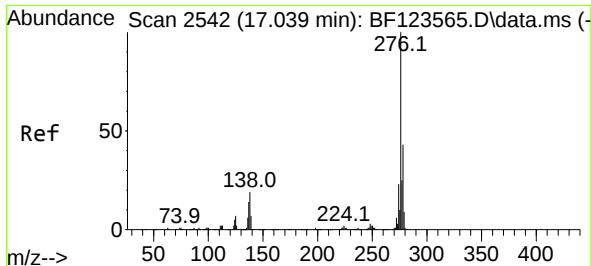
Tgt Ion:264 Resp: 471416
Ion Ratio Lower Upper
264 100
260 24.5 18.7 28.1
265 22.7 17.8 26.8



Instrument :
BNA_F
ClientSampleId :
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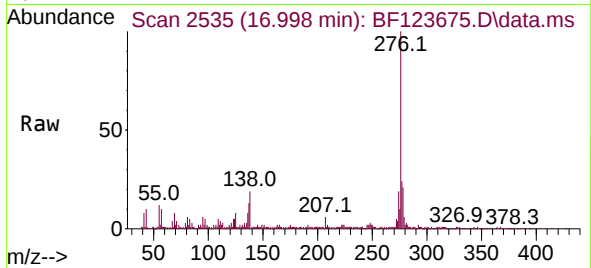
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#87
Indeno(1,2,3-cd)pyrene
Concen: 10.36 ng
RT: 16.998 min Scan# 2535
Delta R.T. 0.012 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

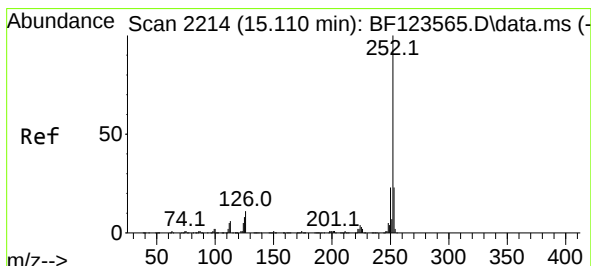
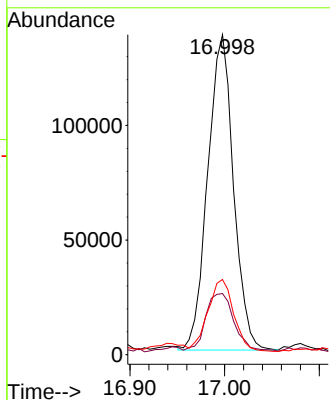
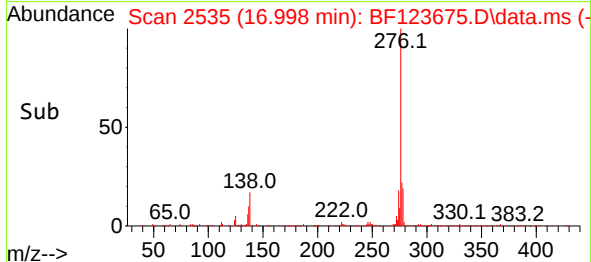
Instrument :
BNA_F
ClientSampleId :
SEDGWICK-COMP-5



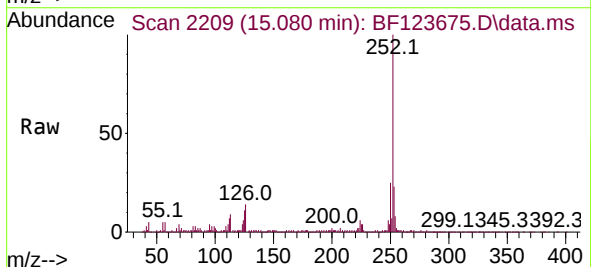
Tgt Ion:276 Resp: 260485
Ion Ratio Lower Upper
276 100
138 20.1 16.2 24.2
277 22.9 20.1 30.1

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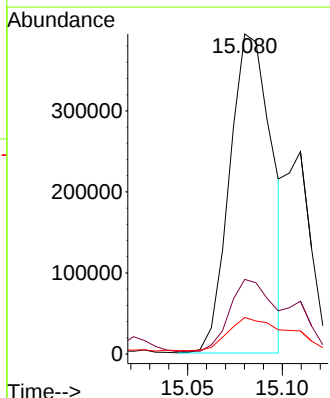
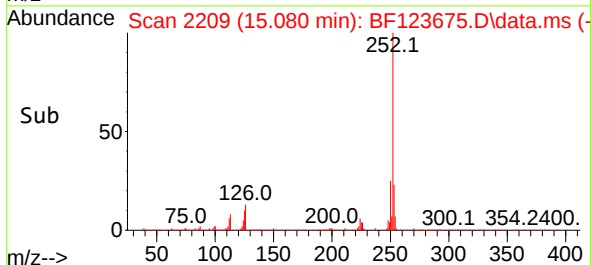
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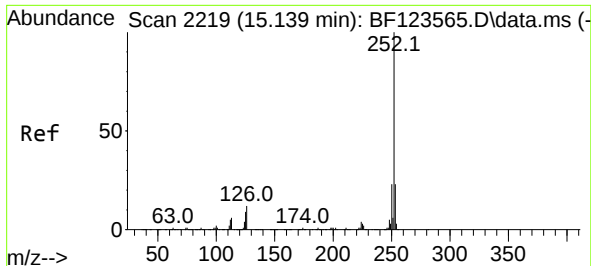


#88
Benzo(b)fluoranthene
Concen: 18.27 ng m
RT: 15.080 min Scan# 2209
Delta R.T. 0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

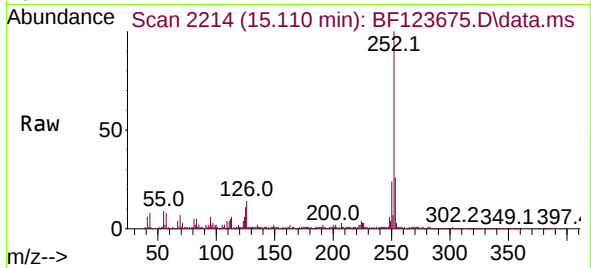


Tgt Ion:252 Resp: 608195
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 11.4 6.2 9.4#

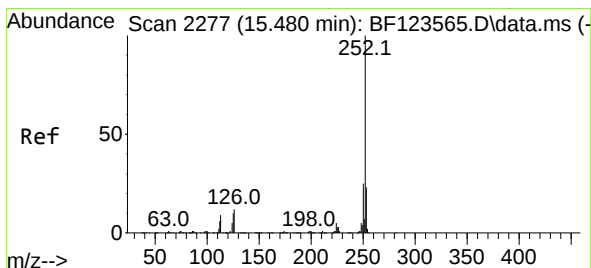
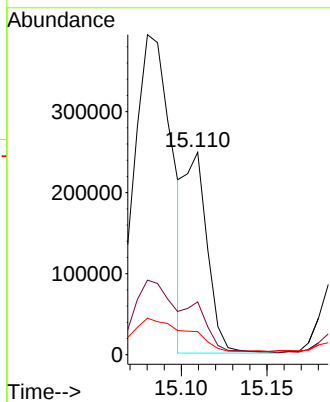
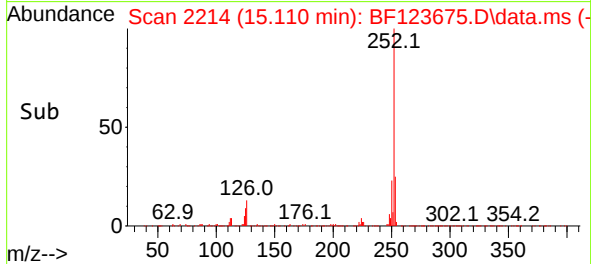




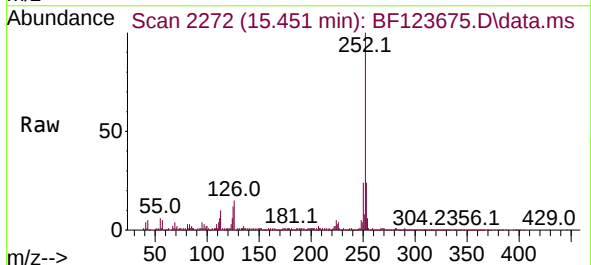
#89
Benzo(k)fluoranthene
Concen: 6.27 ng m
RT: 15.110 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



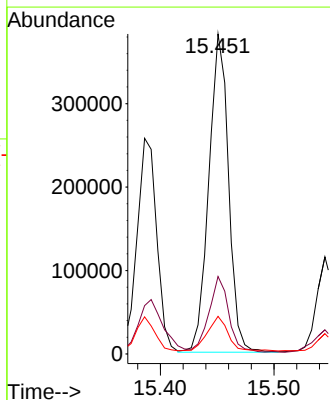
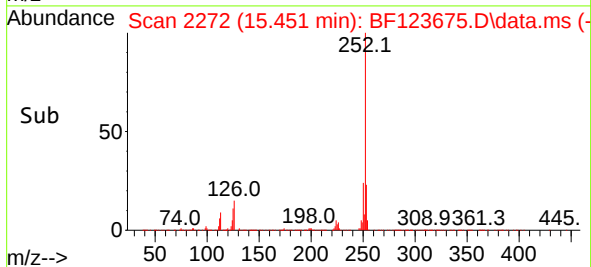
Tgt Ion:252 Resp: 227573
Ion Ratio Lower Upper
252 100
253 26.1 17.9 26.9
125 11.4 7.0 10.6#



#90
Benzo(a)pyrene
Concen: 17.42 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34



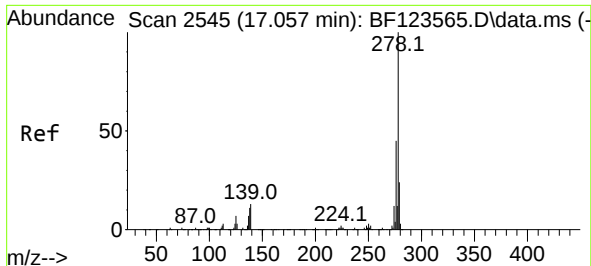
Tgt Ion:252 Resp: 461176
Ion Ratio Lower Upper
252 100
253 24.2 18.4 27.6
125 11.8 8.0 12.0



Instrument :
BNA_F
ClientSampleId :
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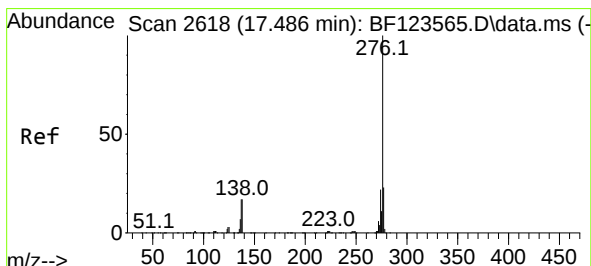
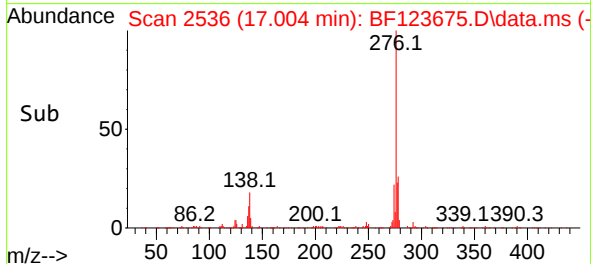
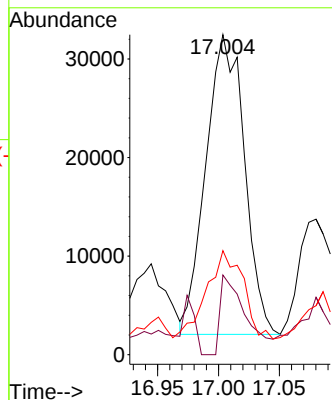
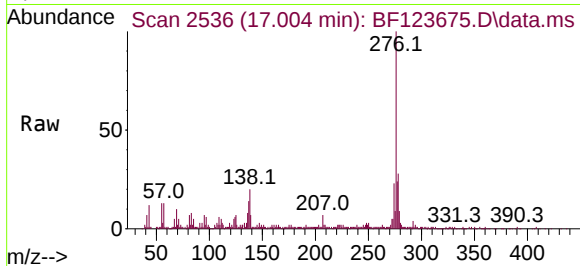
#91
Dibenzo(a,h)anthracene
Concen: 3.14 ng
RT: 17.004 min Scan# 2536
Delta R.T. 0.000 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

Tgt Ion: 278 Resp: 66723
Ion Ratio Lower Upper
278 100
139 24.9 10.2 15.2#
279 32.5 19.4 29.0#

Instrument :
BNA_F
ClientSampleId :
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#92
Benzo(g,h,i)perylene
Concen: 13.03 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.006 min
Lab File: BF123675.D
Acq: 21 Apr 2021 19:34

Tgt Ion: 276 Resp: 225648
Ion Ratio Lower Upper
276 100
277 24.1 18.2 27.2
138 18.5 13.8 20.6

