

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123325.D
 Acq On : 1 Mar 2021 14:24
 Operator : JU/CG
 Sample : M1509-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-022621

Manual Integrations
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 3/2/2021 9:42:57 AM

Quant Time: Mar 01 15:22:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	214694	20.00	ng	# 0.00
21) Naphthalene-d8	8.134	136	871334	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	437582	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	779278	20.00	ng	0.00
76) Chrysene-d12	14.039	240	525279	20.00	ng	0.00
86) Perylene-d12	15.509	264	469952	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1946887	130.53	ng	0.03
7) Phenol-d6	6.498	99	2490793	122.92	ng	0.00
23) Nitrobenzene-d5	7.416	82	1743843	91.61	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	599999	134.66	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2517624	82.64	ng	0.00
79) Terphenyl-d14	12.986	244	2316838	84.81	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	66386	3.01	ng	# 52
71) Phenanthrene	11.410	178	404993	8.79	ng	98
75) Fluoranthene	12.604	202	742763	15.21	ng	98
78) Pyrene	12.833	202	588339	14.35	ng	99
80) Butylbenzylphthalate	13.451	149	43102	2.49	ng	89
81) Benzo(a)anthracene	14.021	228	238791	6.69	ng	99
83) Chrysene	14.063	228	271587	7.75	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	146669	4.52	ng	98
88) Benzo(b)fluoranthene	15.074	252	307869m	9.33	ng	
89) Benzo(k)fluoranthene	15.104	252	117433m	3.92	ng	
90) Benzo(a)pyrene	15.445	252	195066	6.63	ng	98
92) Benzo(g,h,i)perylene	17.427	276	147081	5.73	ng	99

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

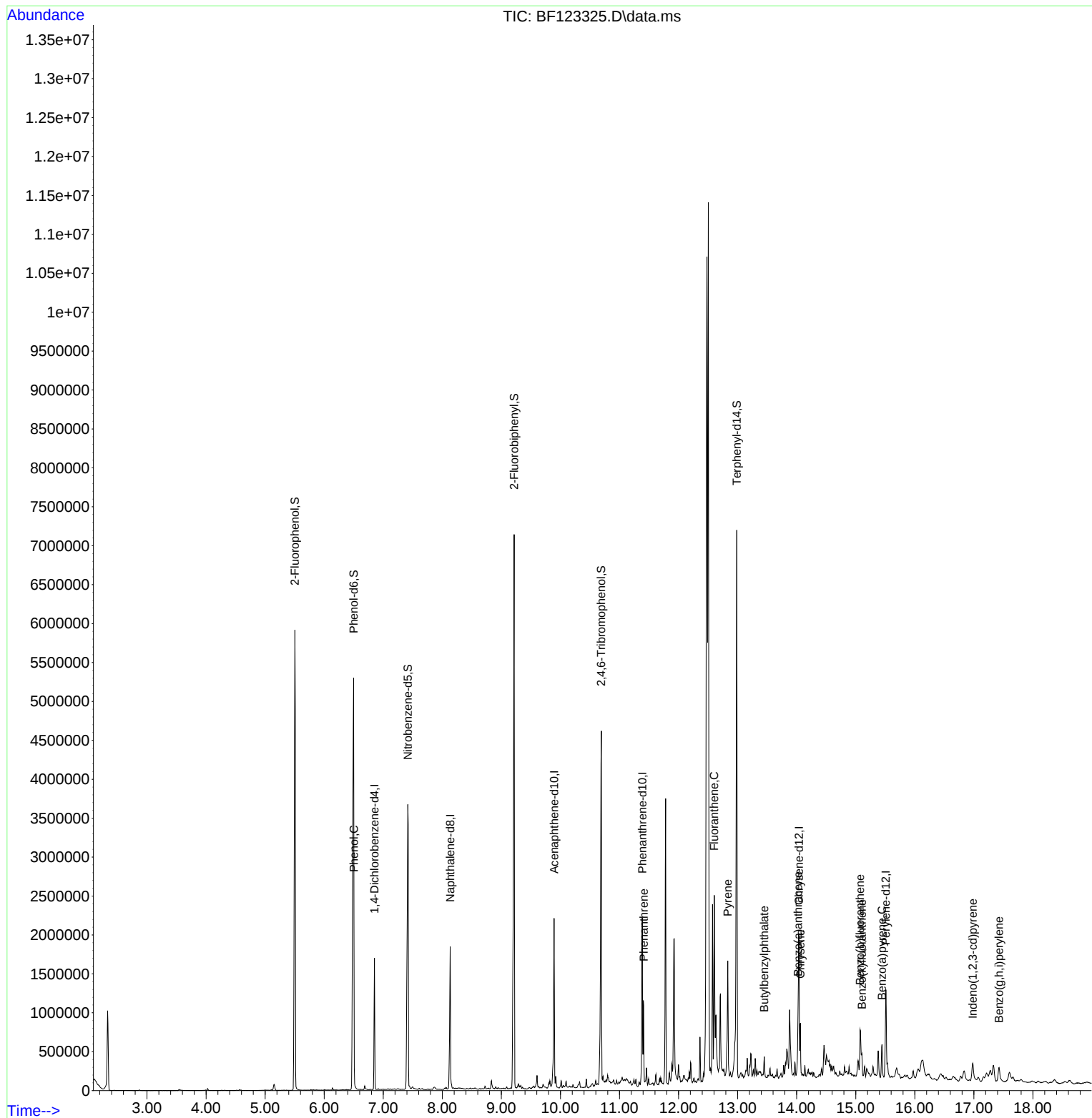
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Data File : BF123325.D
Acq On : 1 Mar 2021 14:24
Operator : JU/CG
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ALS Vial : 8 Sample Multiplier: 1

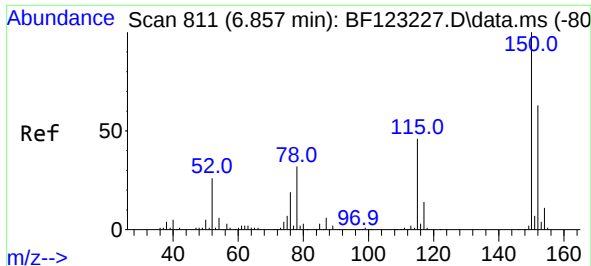
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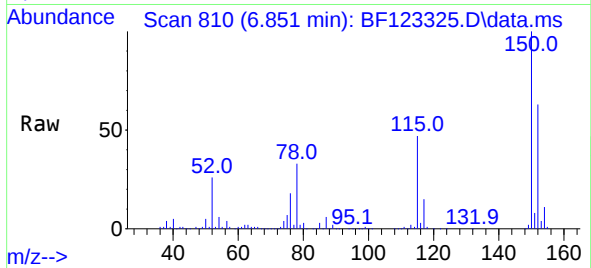
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
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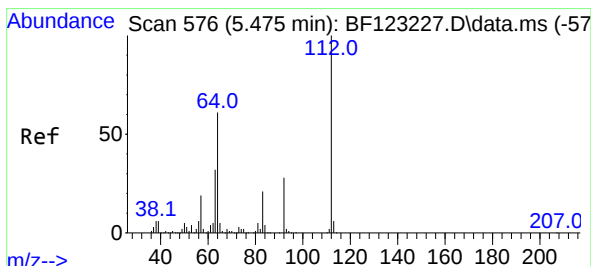
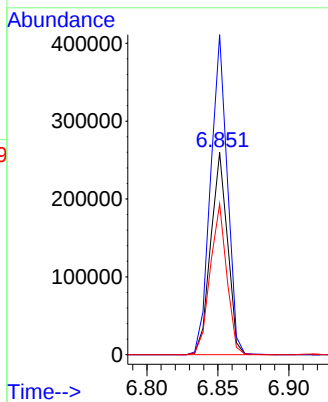
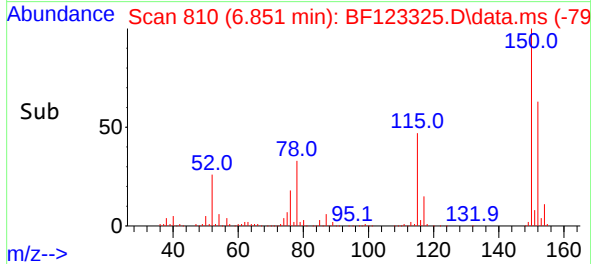




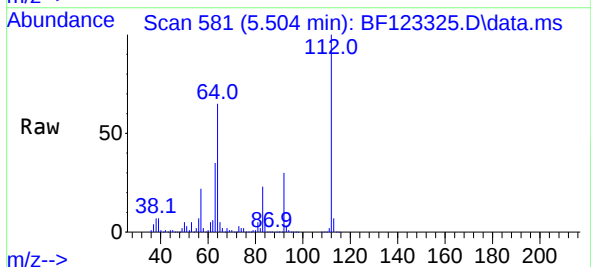
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



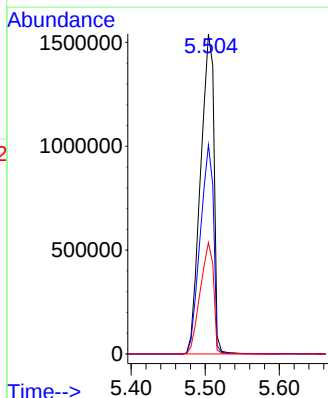
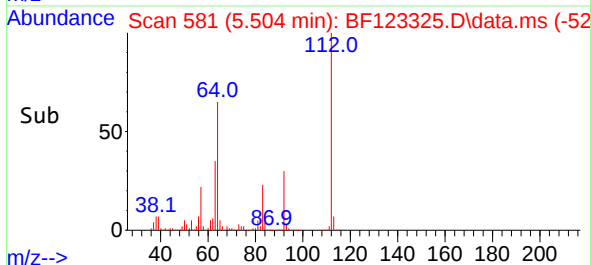
Tgt Ion:152 Resp: 214694
Ion Ratio Lower Upper
152 100
150 158.1 125.8 188.6
115 74.5 49.3 73.9#



#5
2-Fluorophenol
Concen: 130.53 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.029 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



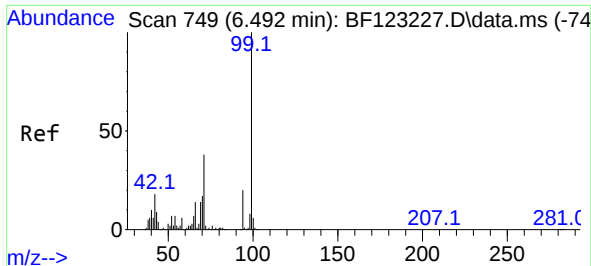
Tgt Ion:112 Resp: 1946887
Ion Ratio Lower Upper
112 100
64 65.3 46.9 70.3
63 34.8 24.5 36.7



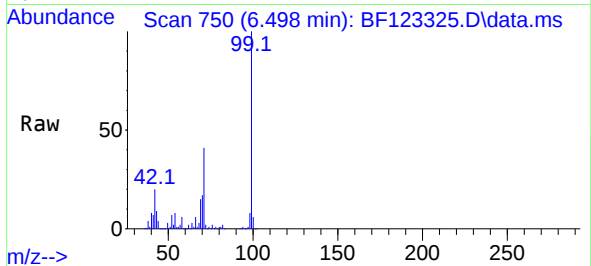
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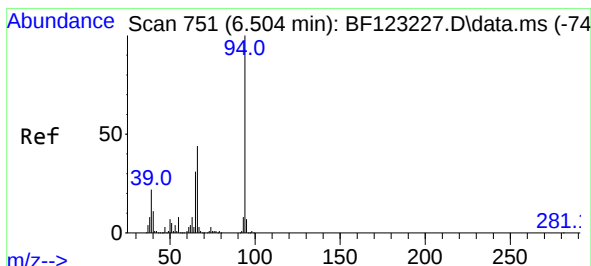
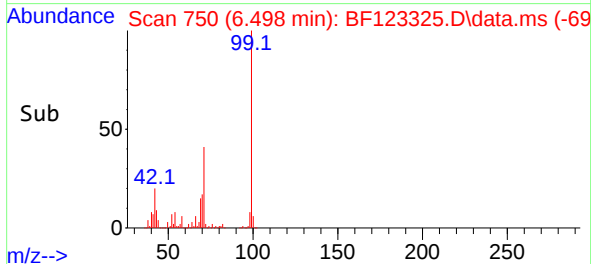
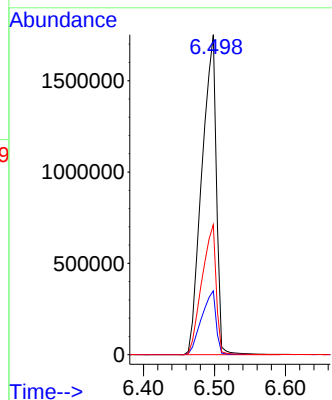


#7
Phenol-d6
Concen: 122.92 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

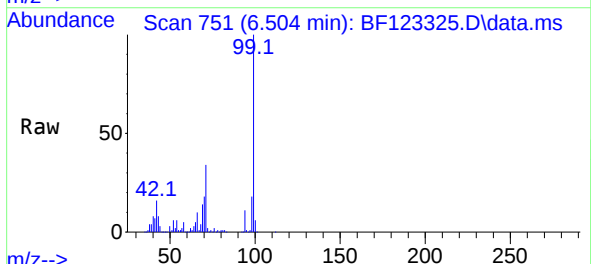


Tgt Ion: 99 Resp: 2490793

Ion	Ratio	Lower	Upper
99	100		
42	20.0	13.8	20.6
71	40.6	26.9	40.3#

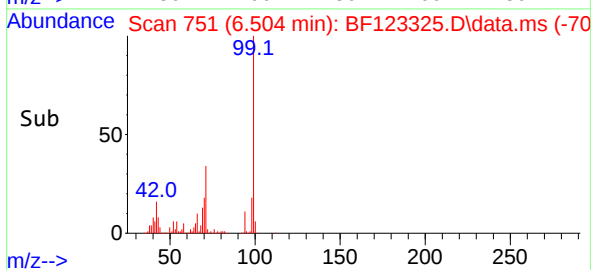
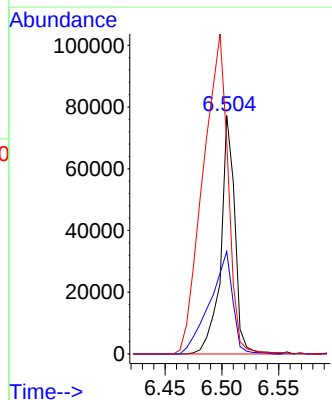


#10
Phenol
Concen: 3.01 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



Tgt Ion: 94 Resp: 66386

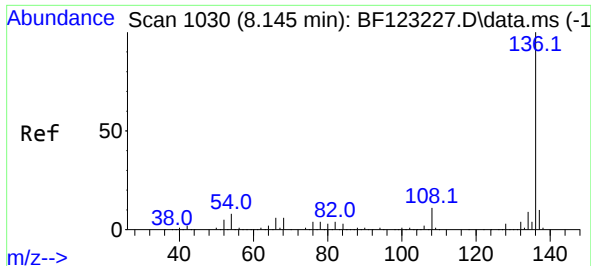
Ion	Ratio	Lower	Upper
94	100		
65	43.0	11.2	51.2
66	88.9	25.8	65.8#



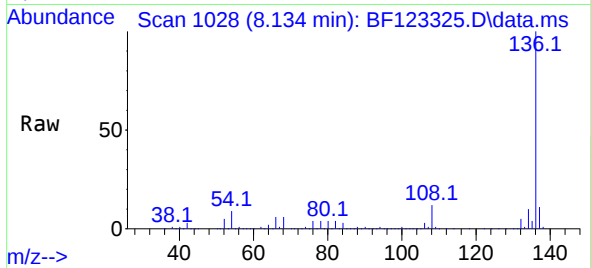
Instrument :
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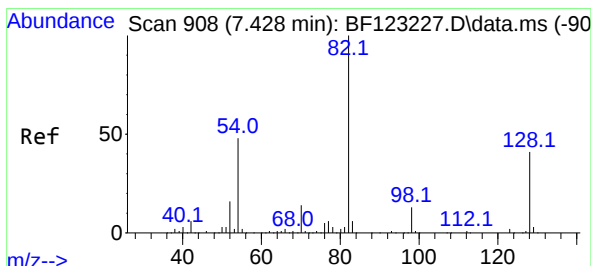
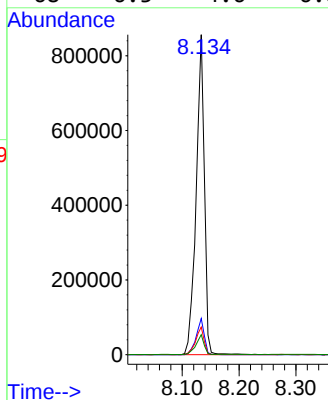
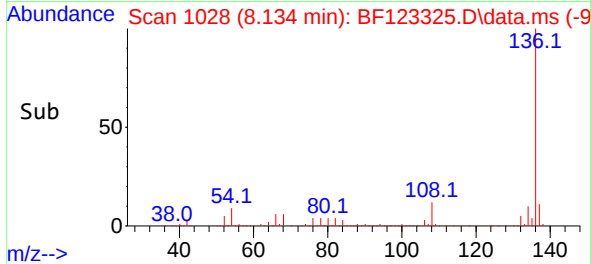
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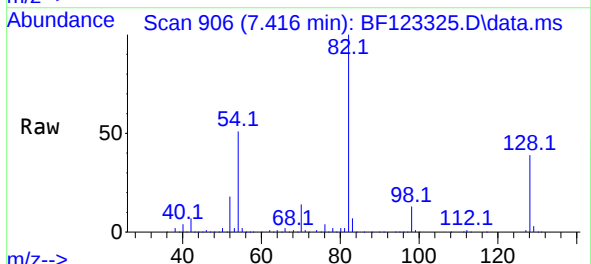
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



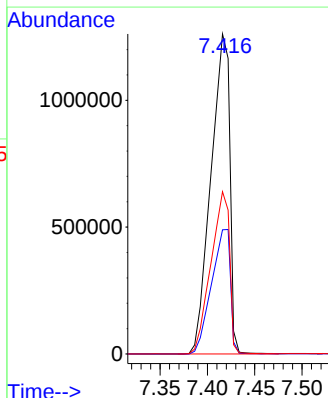
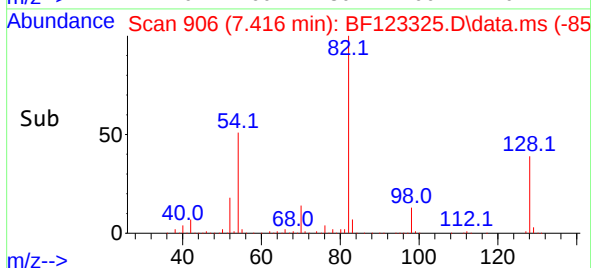
Tgt Ion:136 Resp: 871334
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.61 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



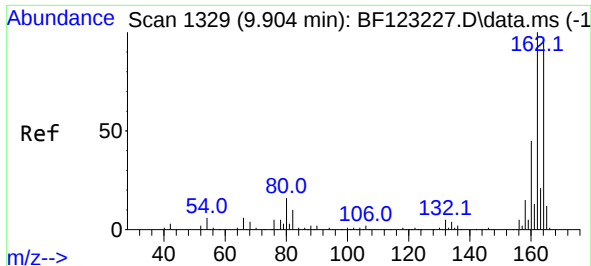
Tgt Ion: 82 Resp: 1743843
Ion Ratio Lower Upper
82 100
128 38.8 37.0 55.4
54 50.7 38.4 57.6



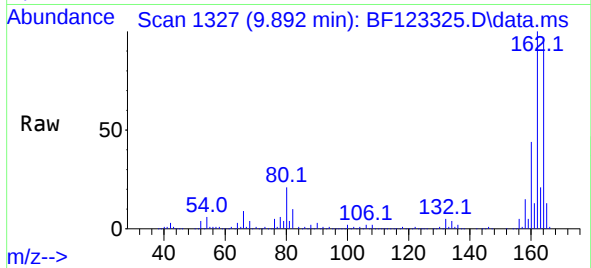
Instrument :
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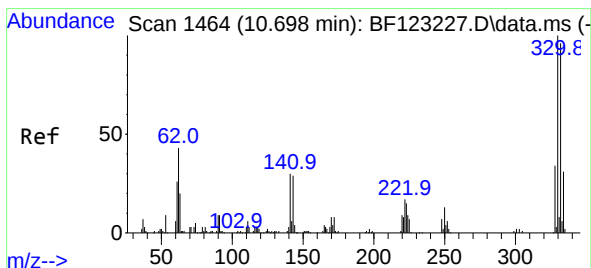
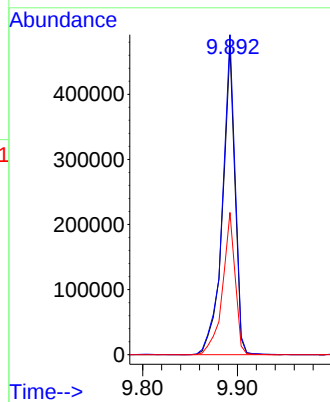
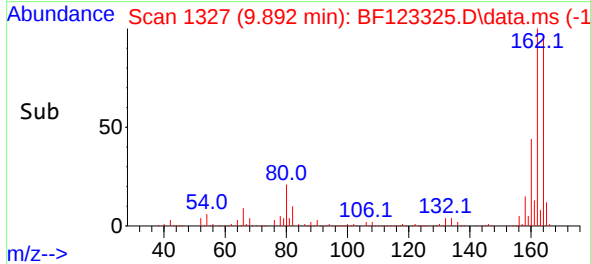
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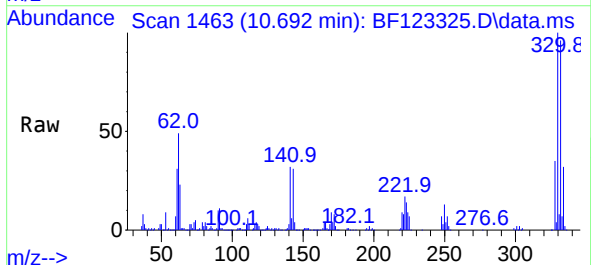
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



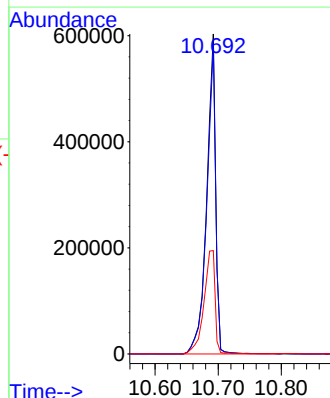
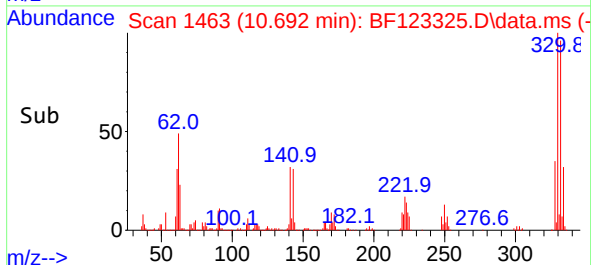
Tgt Ion:164 Resp: 437582
Ion Ratio Lower Upper
164 100
162 103.9 80.8 121.2
160 46.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 134.66 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



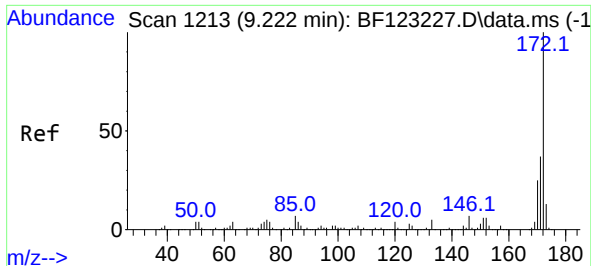
Tgt Ion:330 Resp: 599999
Ion Ratio Lower Upper
330 100
332 96.0 77.5 116.3
141 40.1 23.8 35.8#



Instrument :
BNA_F
ClientSampleId :
BU-02-022621

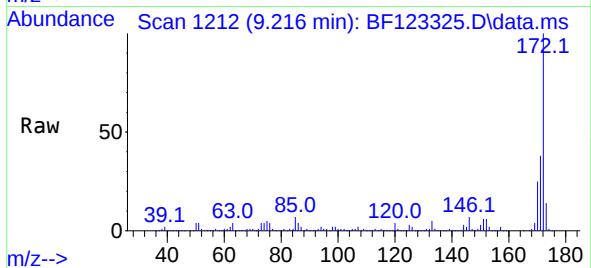
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#45
2-Fluorobiphenyl
Concen: 82.64 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

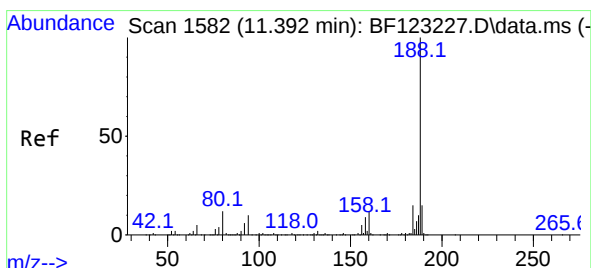
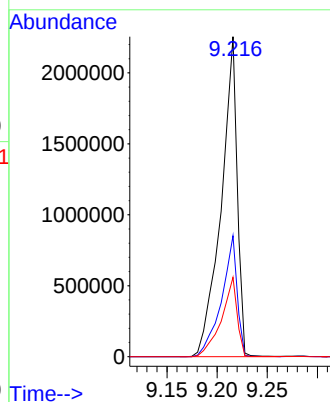
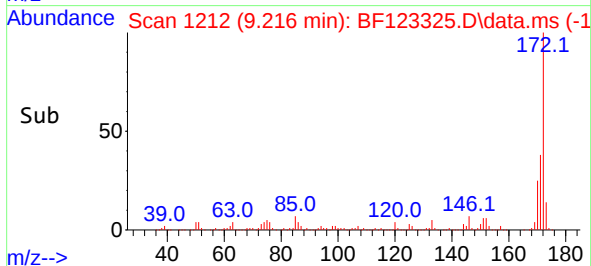
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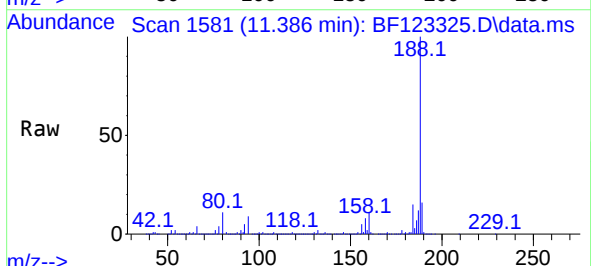
Tgt Ion:172 Resp: 2517624
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 24.8 19.5 29.3

Manual Integrations
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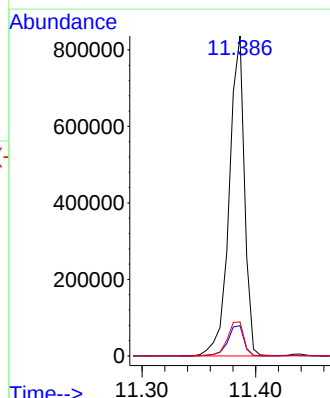
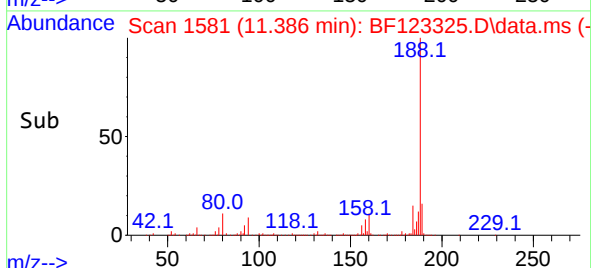
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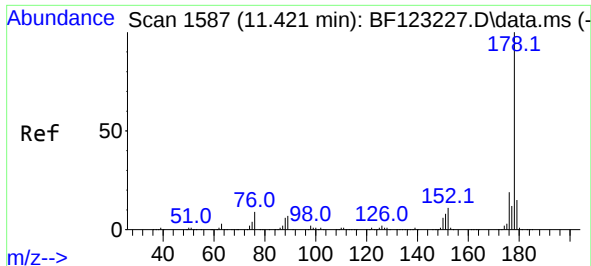


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



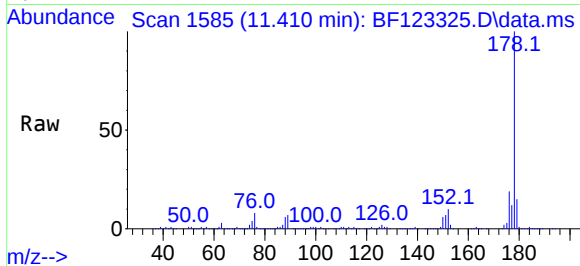
Tgt Ion:188 Resp: 779278
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.6 8.2 12.4





#71
Phenanthrene
Concen: 8.79 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

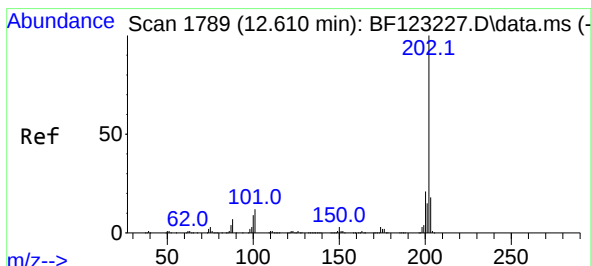
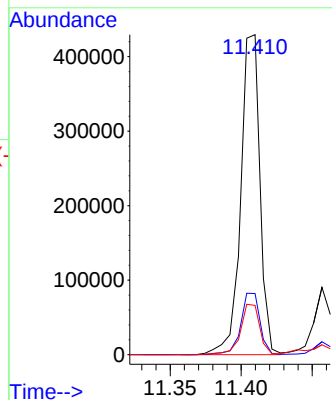
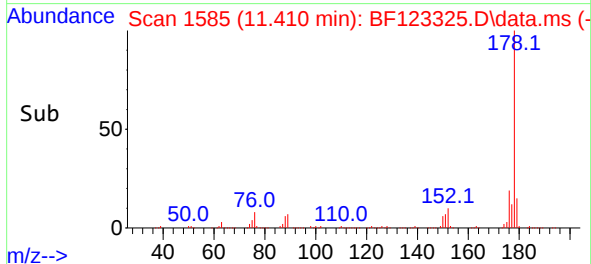
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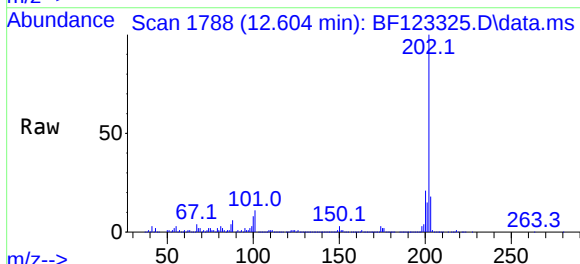
Tgt Ion:178 Resp: 404993
Ion Ratio Lower Upper
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176 19.1 16.2 24.2
179 15.4 12.7 19.1

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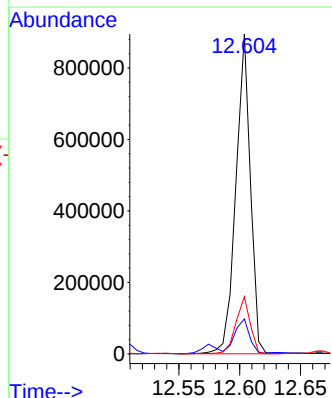
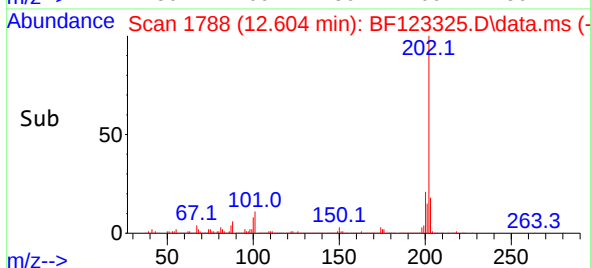
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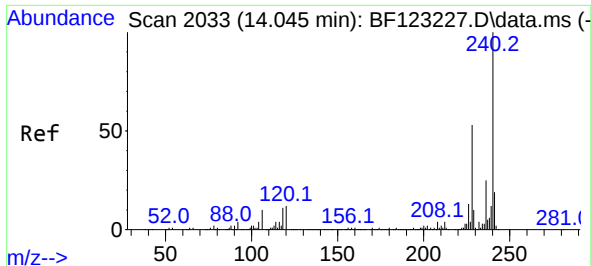


#75
Fluoranthene
Concen: 15.21 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



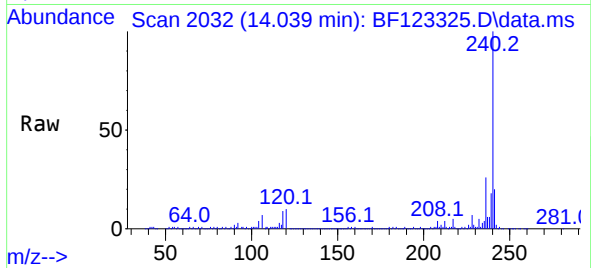
Tgt Ion:202 Resp: 742763
Ion Ratio Lower Upper
202 100
101 11.0 0.0 32.2
203 17.9 0.0 38.1





#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

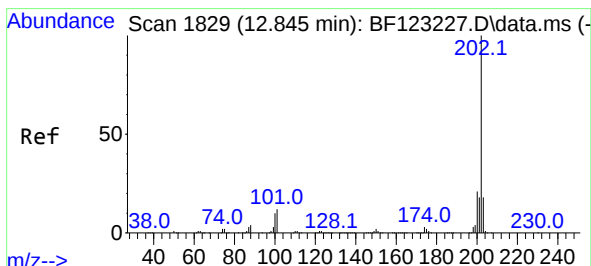
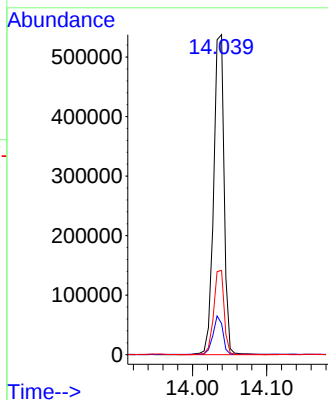
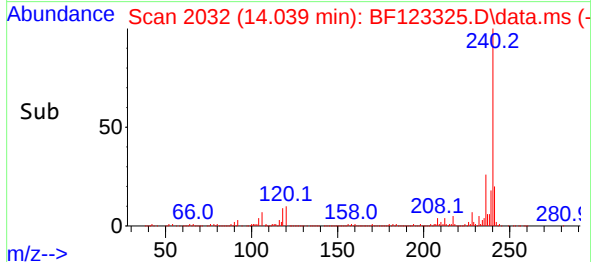
Instrument :
BNA_F
ClientSampleId :
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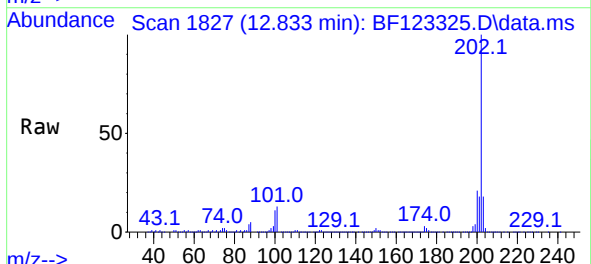
Tgt Ion:240 Resp: 525279
Ion Ratio Lower Upper
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120 9.7 8.6 12.8
236 26.3 20.3 30.5

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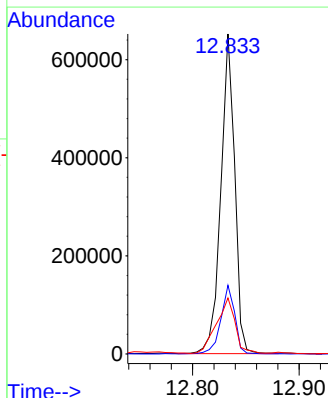
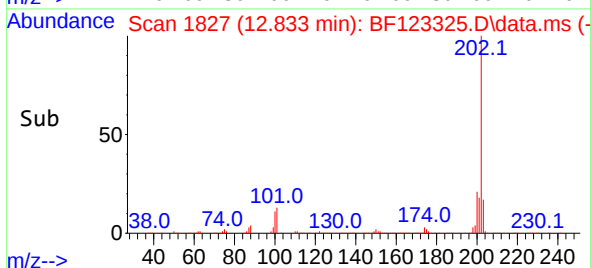
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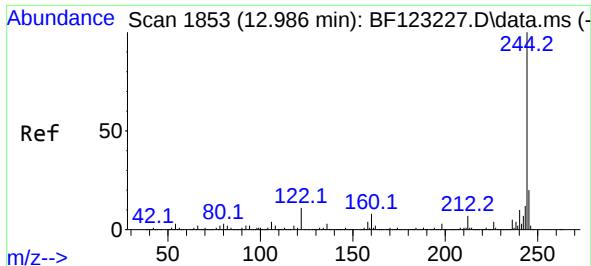


#78
Pyrene
Concen: 14.35 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

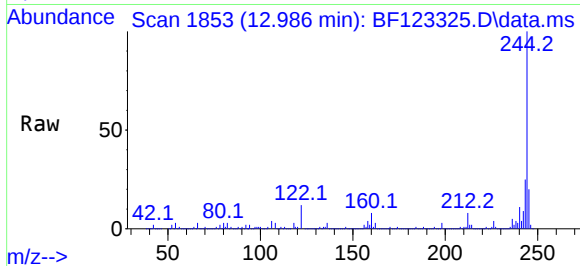


Tgt Ion:202 Resp: 588339
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.5 14.6 21.8



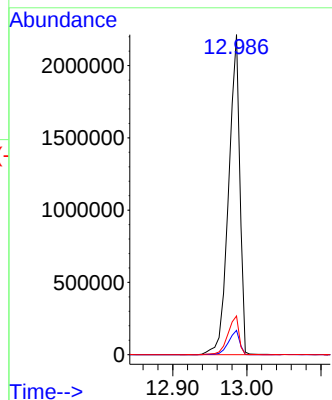
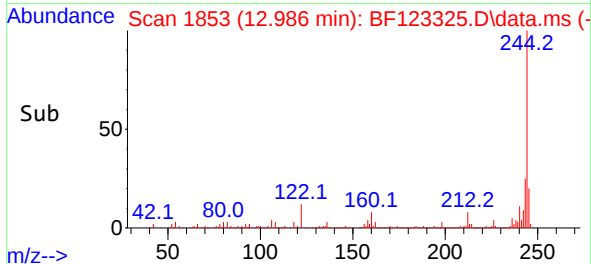


#79
Terphenyl-d14
Concen: 84.81 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



Tgt Ion:244 Resp: 2316838

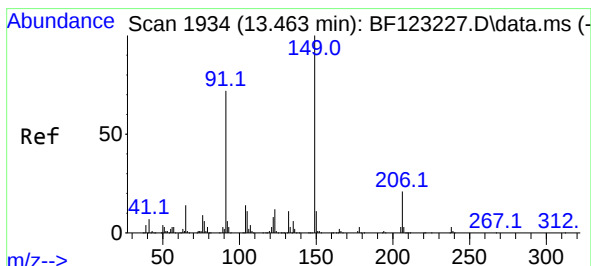
Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.7	8.5
122	12.1	8.3	12.5



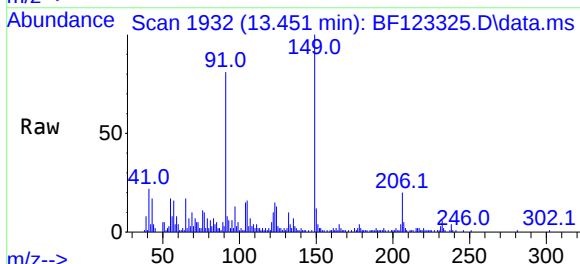
Instrument :
BNA_F
ClientSampleId :
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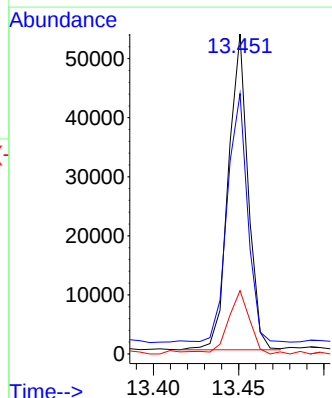
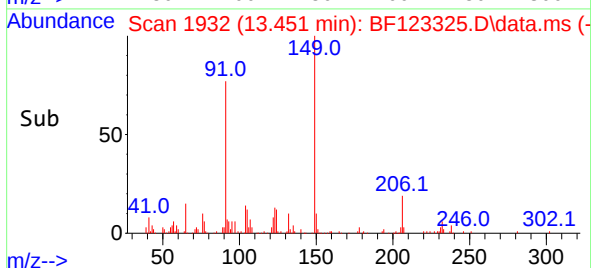


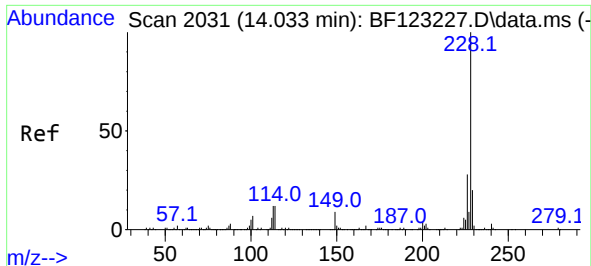
#80
Butylbenzylphthalate
Concen: 2.49 ng
RT: 13.451 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



Tgt Ion:149 Resp: 43102

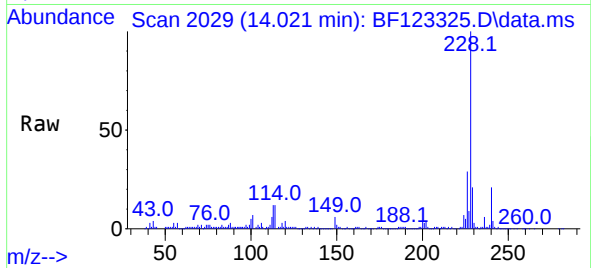
Ion	Ratio	Lower	Upper
149	100		
91	81.3	56.5	84.7
206	19.8	17.0	25.6





#81
Benzo(a)anthracene
Concen: 6.69 ng
RT: 14.021 min Scan# 2029
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

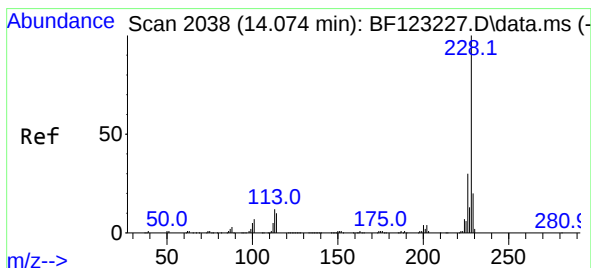
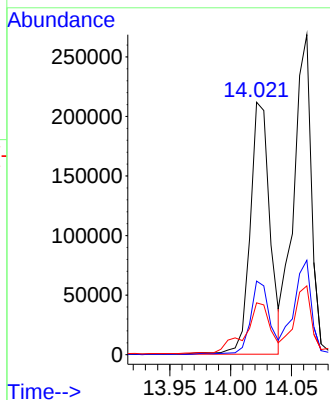
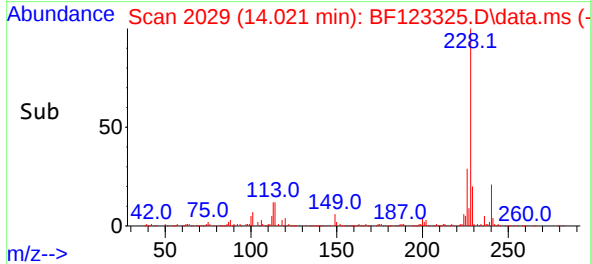
Instrument :
BNA_F
ClientSampleId :
BU-02-022621



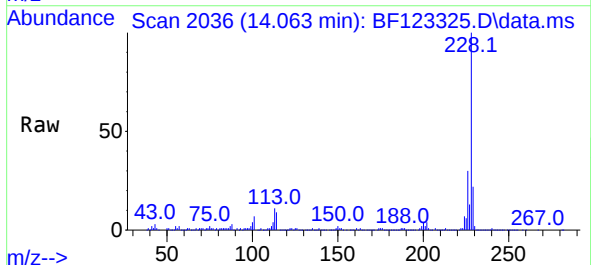
Tgt Ion:228 Resp: 238791
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.4
229 20.5 16.6 24.8

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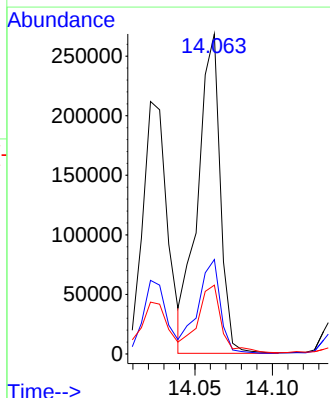
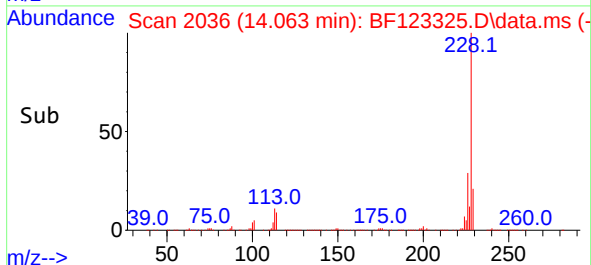
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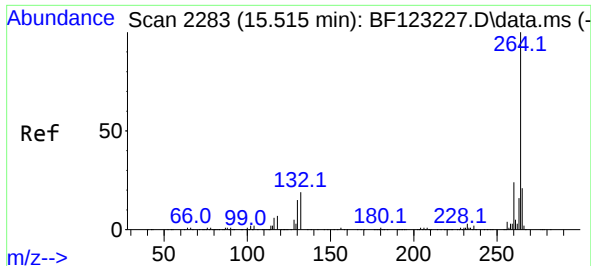


#83
Chrysene
Concen: 7.75 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



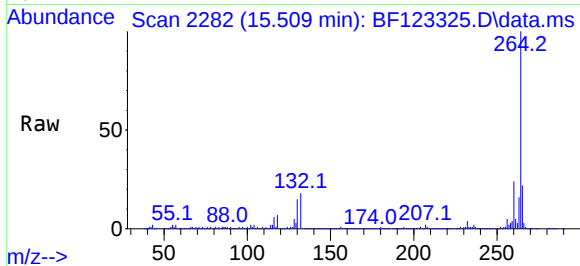
Tgt Ion:228 Resp: 271587
Ion Ratio Lower Upper
228 100
226 29.5 24.6 36.8
229 21.5 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.509 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

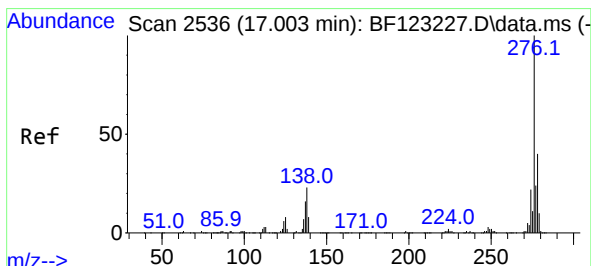
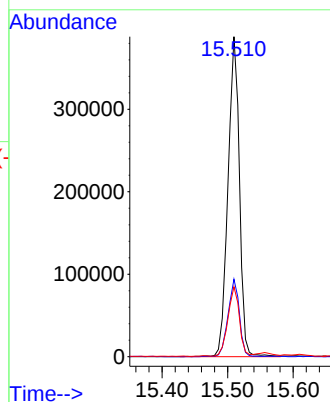
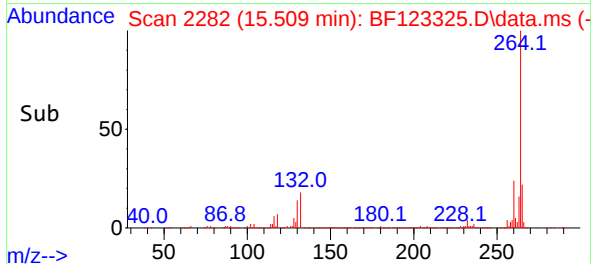
Instrument :
BNA_F
ClientSampleId :
BU-02-022621



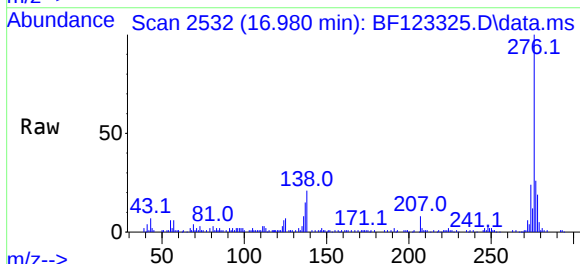
Tgt Ion:264 Resp: 469952
Ion Ratio Lower Upper
264 100
260 24.2 18.6 28.0
265 21.9 17.0 25.6

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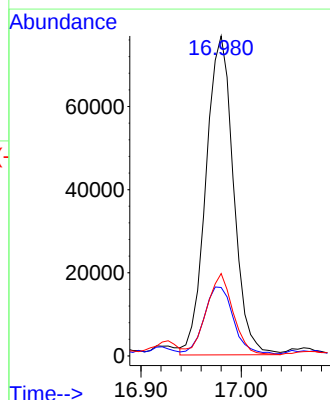
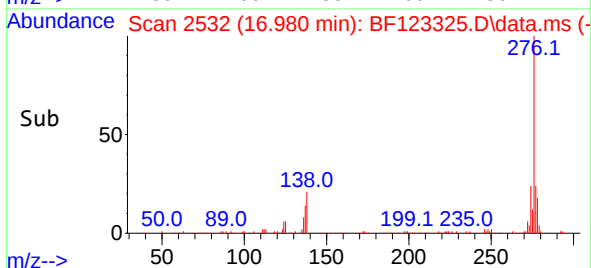
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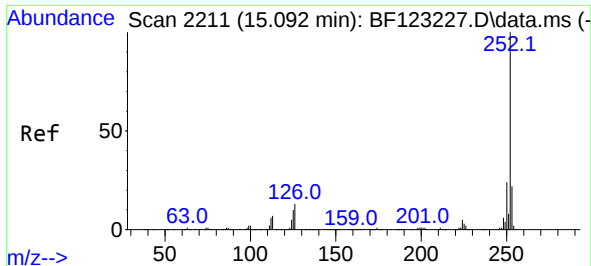


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.52 ng
RT: 16.980 min Scan# 2532
Delta R.T. -0.023 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



Tgt Ion:276 Resp: 146669
Ion Ratio Lower Upper
276 100
138 22.0 18.7 28.1
277 24.3 20.2 30.4





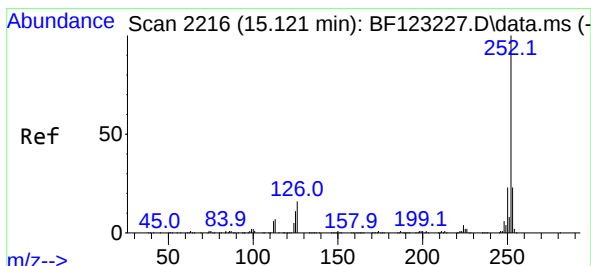
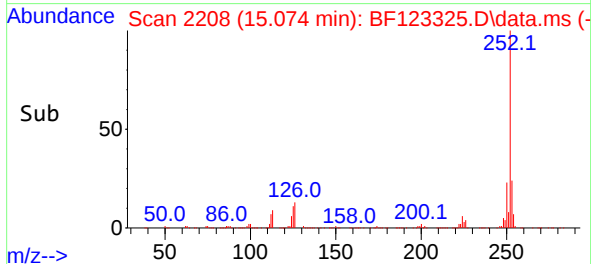
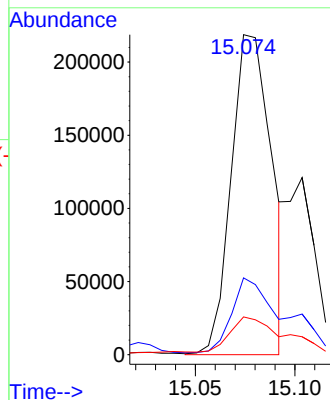
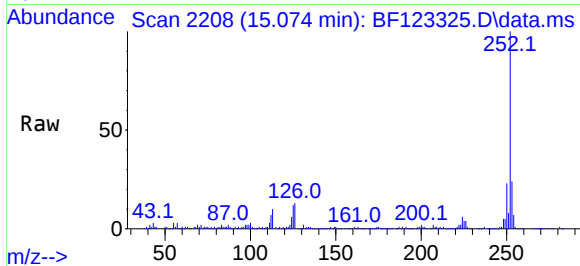
#88
Benzo(b)fluoranthene
Concen: 9.33 ng m
RT: 15.074 min Scan# 2208
Delta R.T. -0.018 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

Tgt Ion:252 Resp: 307869
Ion Ratio Lower Upper
252 100
253 24.0 18.3 27.5
125 11.8 8.1 12.1

Instrument :
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ClientSampleId :
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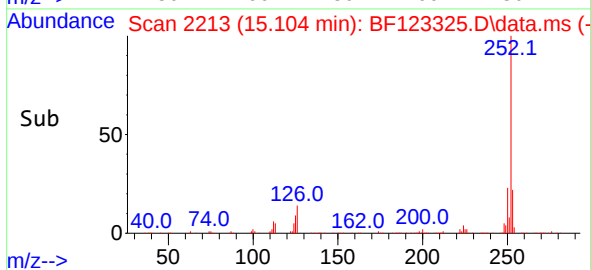
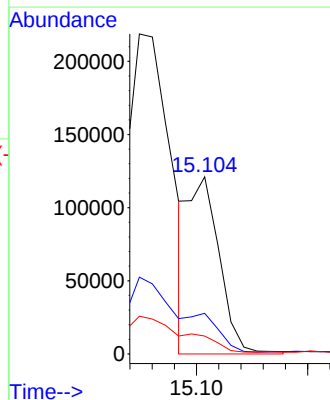
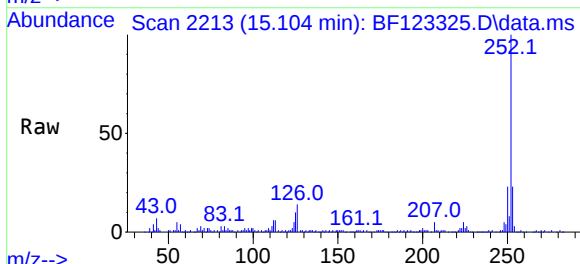
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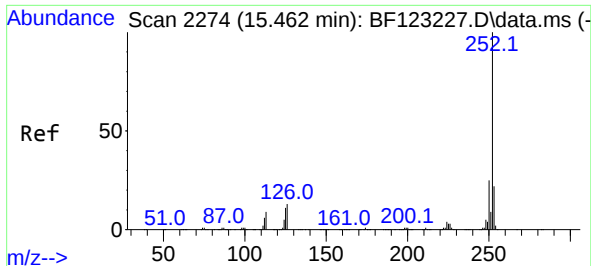
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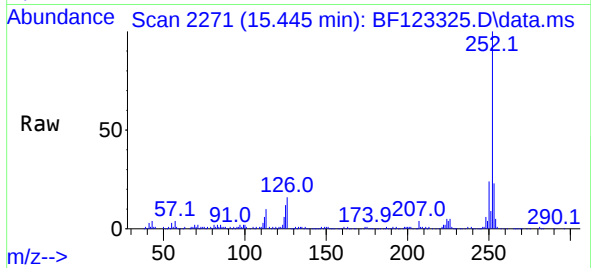
#89
Benzo(k)fluoranthene
Concen: 3.92 ng m
RT: 15.104 min Scan# 2213
Delta R.T. -0.018 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24

Tgt Ion:252 Resp: 117433
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 10.1 8.4 12.6

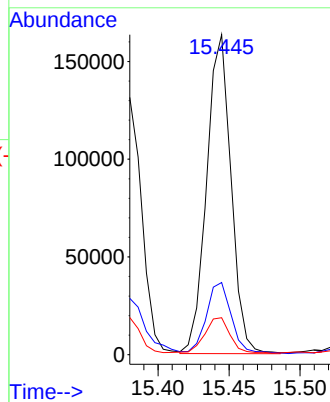
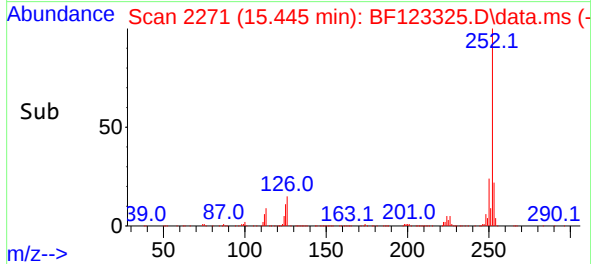




#90
Benzo(a)pyrene
Concen: 6.63 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.018 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



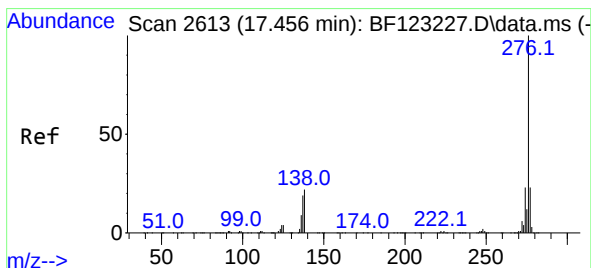
Tgt Ion:252 Resp: 195066
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 11.5 8.6 12.8



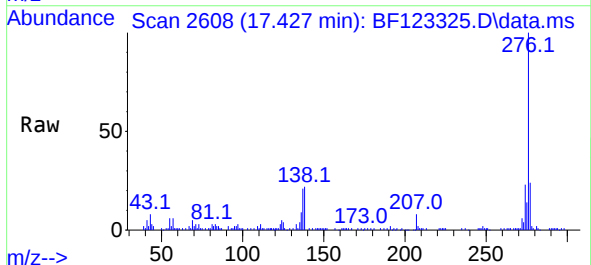
Instrument :
BNA_F
ClientSampleId :
BU-02-022621

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#92
Benzo(g,h,i)perylene
Concen: 5.73 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.029 min
Lab File: BF123325.D
Acq: 1 Mar 2021 14:24



Tgt Ion:276 Resp: 147081
Ion Ratio Lower Upper
276 100
277 23.7 19.3 28.9
138 21.7 16.6 24.8

