

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123329.D
 Acq On : 1 Mar 2021 16:35
 Operator : JU/CG
 Sample : M1499-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-1

Manual Integrations
 APPROVED

mohammad
 3/2/2021 9:43:05 AM

Quant Time: Mar 01 17:32:46 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	251772	20.00	ng	# 0.00
21) Naphthalene-d8	8.134	136	1019337	20.00	ng	#-0.01
39) Acenaphthene-d10	9.892	164	495821	20.00	ng	-0.01
64) Phenanthrene-d10	11.386	188	820688	20.00	ng	0.00
76) Chrysene-d12	14.039	240	552430	20.00	ng	0.00
86) Perylene-d12	15.515	264	537374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1523289	87.09	ng	0.03
7) Phenol-d6	6.492	99	1969535	82.88	ng	0.00
23) Nitrobenzene-d5	7.416	82	1346209	60.46	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	420173	83.22	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	2041859	59.15	ng	0.00
79) Terphenyl-d14	12.980	244	1675484	58.32	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.504	94	52468	2.03	ng	98
49) Acenaphthylene	9.751	152	109746	2.23	ng	98
50) Dimethylphthalate	9.604	163	121957	3.29	ng	99
71) Phenanthrene	11.404	178	99420	2.05	ng	97
75) Fluoranthene	12.598	202	139485	2.71	ng	99
78) Pyrene	12.833	202	179417	4.16	ng	96
81) Benzo(a)anthracene	14.027	228	83360m	2.22	ng	
83) Chrysene	14.063	228	116065	3.15	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	85618	2.31	ng	98
88) Benzo(b)fluoranthene	15.080	252	153334m	4.06	ng	
90) Benzo(a)pyrene	15.451	252	85193	2.53	ng	# 95
92) Benzo(g,h,i)perylene	17.439	276	86325	2.94	ng	92

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

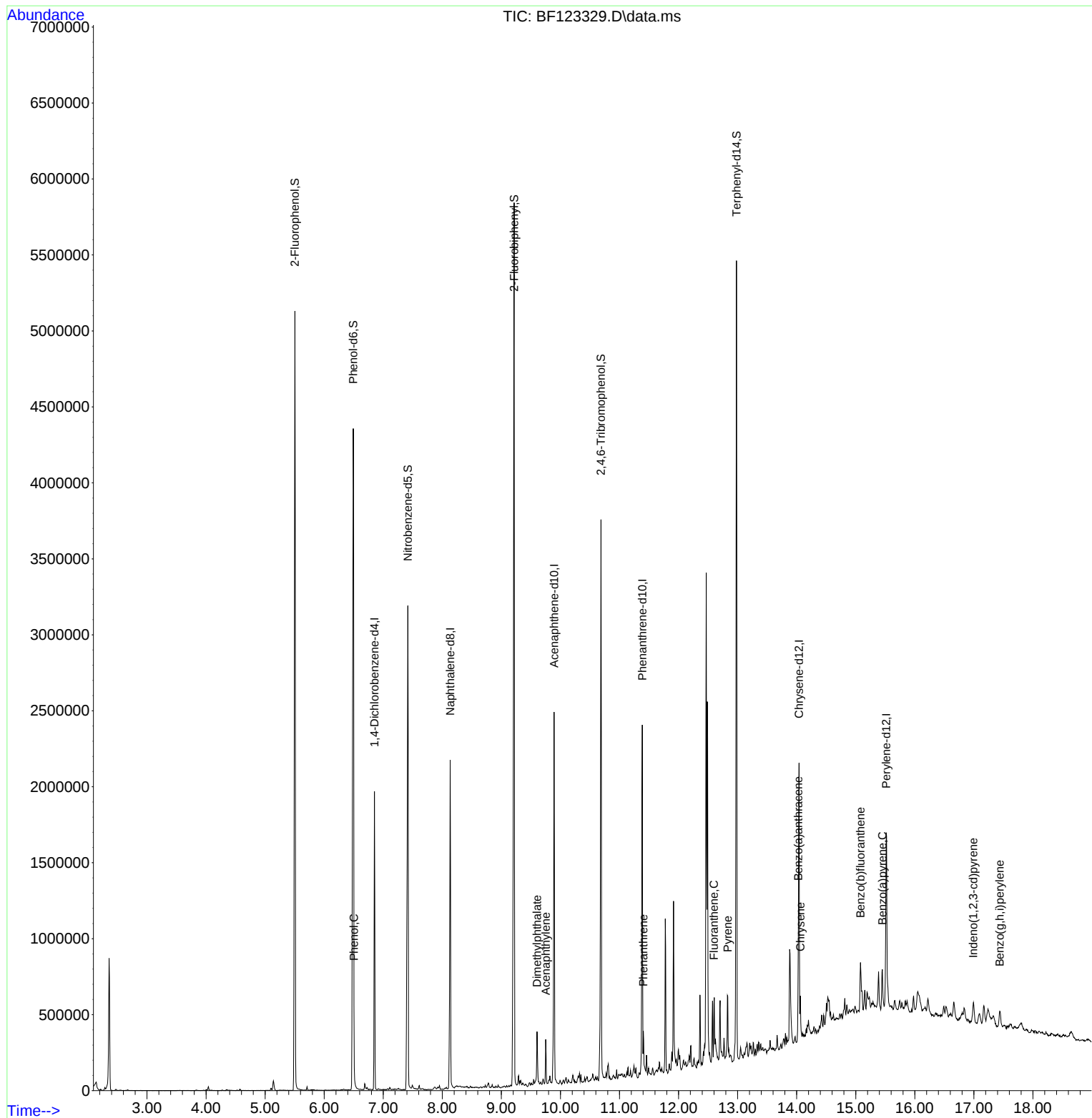
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123329.D
Acq On : 1 Mar 2021 16:35
Operator : JU/CG
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ALS Vial : 12 Sample Multiplier: 1

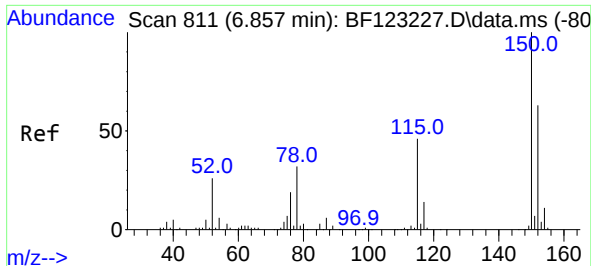
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ClientSampleId :
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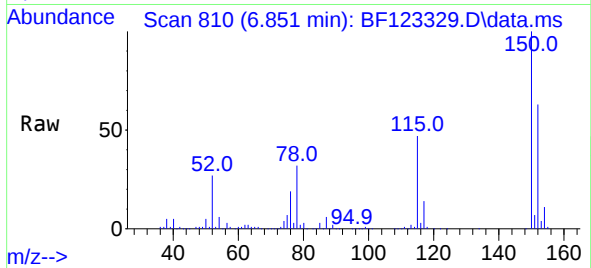
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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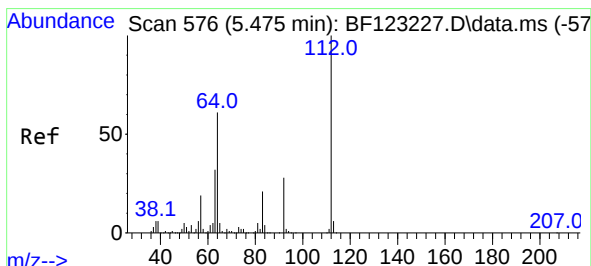
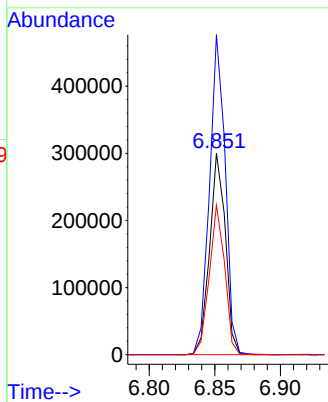
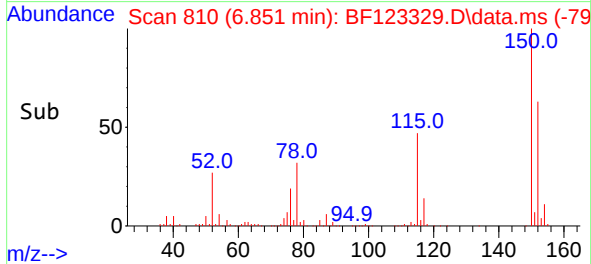




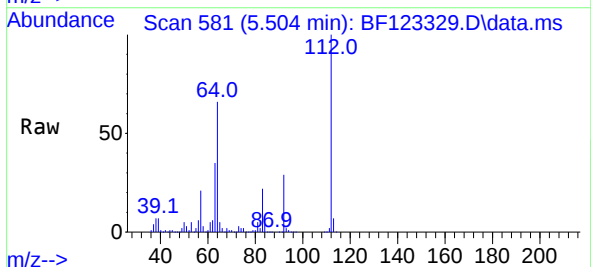
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



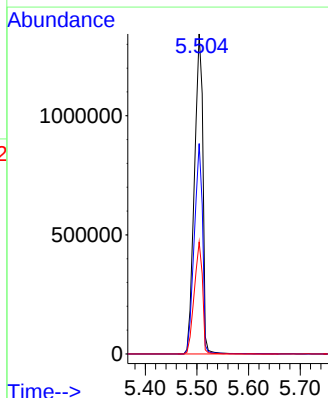
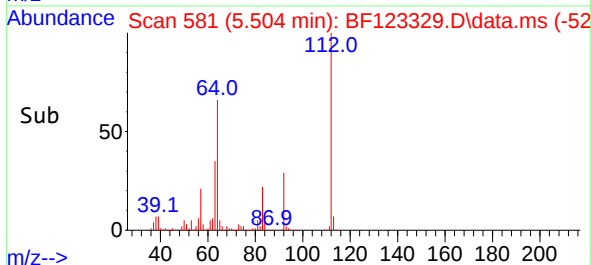
Tgt Ion:152 Resp: 251772
Ion Ratio Lower Upper
152 100
150 158.9 125.8 188.6
115 74.3 49.3 73.9#



#5
2-Fluorophenol
Concen: 87.09 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.029 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



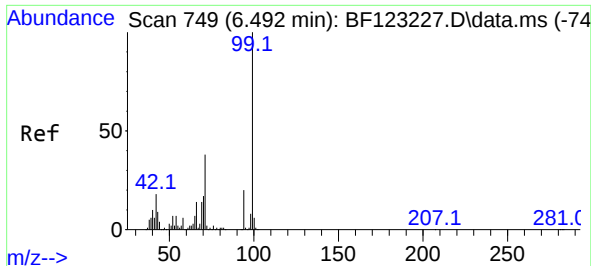
Tgt Ion:112 Resp: 1523289
Ion Ratio Lower Upper
112 100
64 65.8 46.9 70.3
63 35.0 24.5 36.7



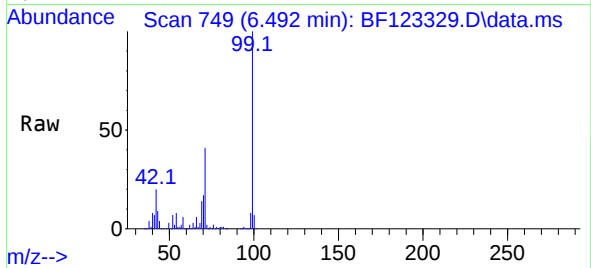
Instrument :
BNA_F
ClientSampled :
N-1

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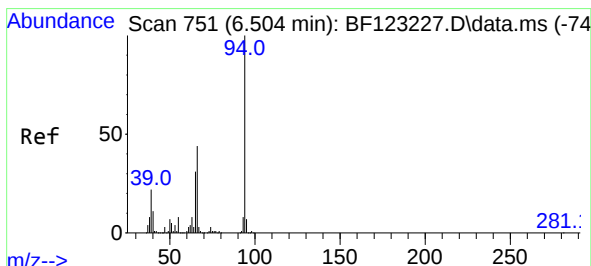
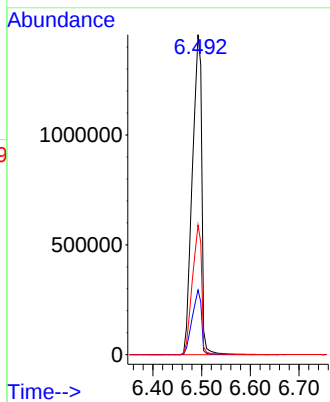
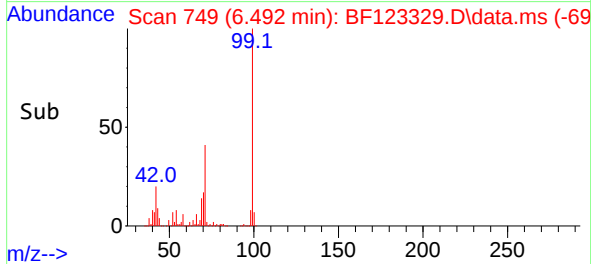
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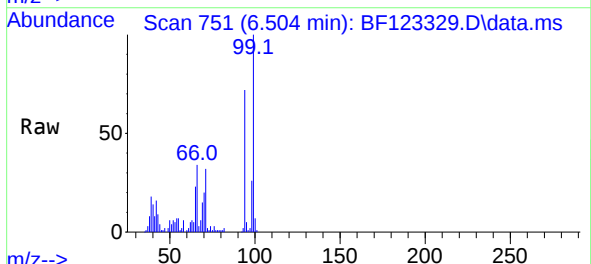
#7
Phenol-d6
Concen: 82.88 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



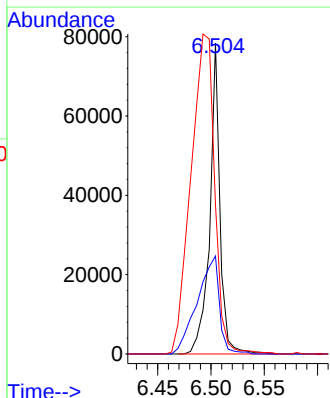
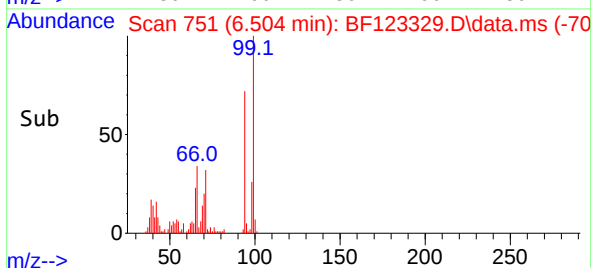
Tgt Ion: 99 Resp: 1969535
Ion Ratio Lower Upper
99 100
42 20.2 13.8 20.6
71 40.5 26.9 40.3#



#10
Phenol
Concen: 2.03 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



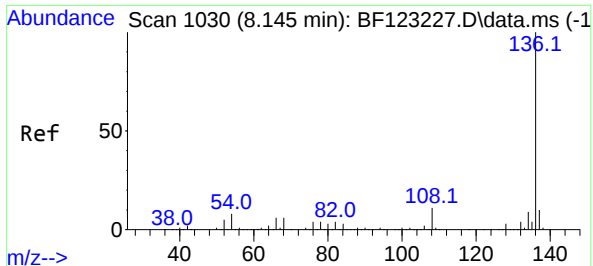
Tgt Ion: 94 Resp: 52468
Ion Ratio Lower Upper
94 100
65 31.5 11.2 51.2
66 48.0 25.8 65.8



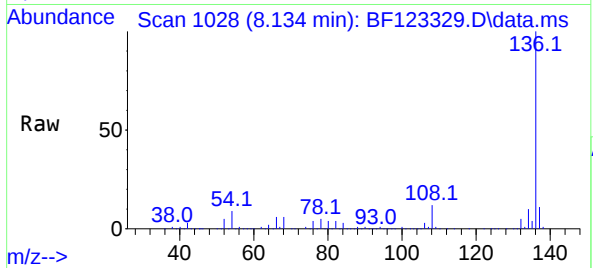
Instrument :
BNA_F
ClientSampled :
N-1

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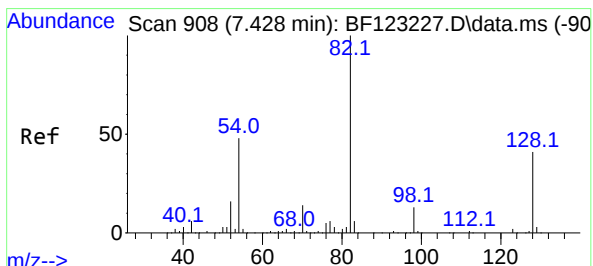
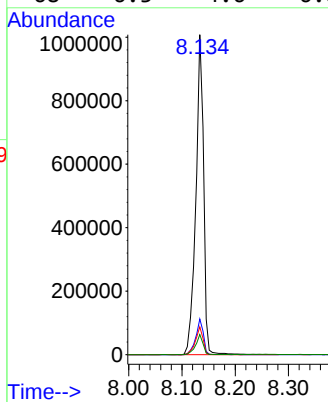
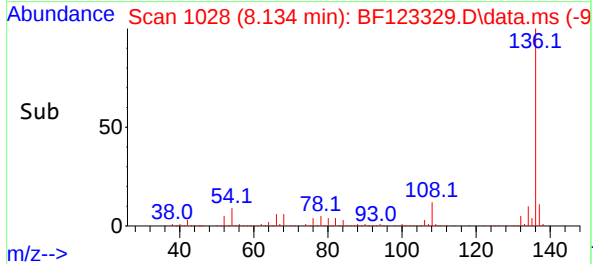
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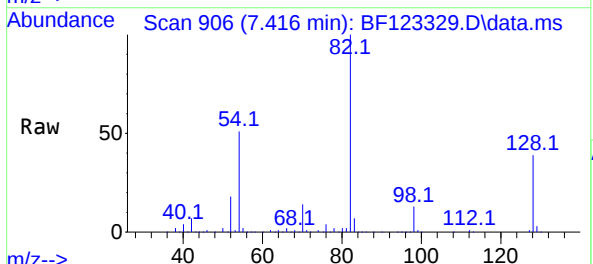
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



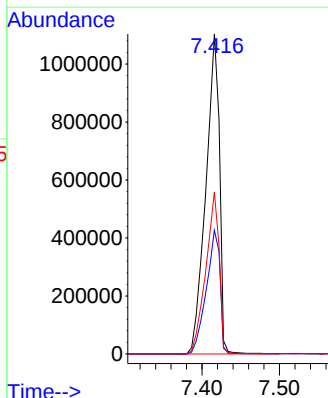
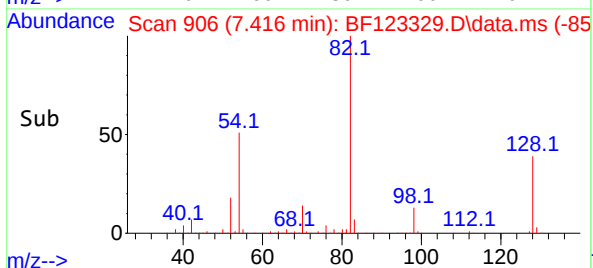
Tgt Ion: 136 Resp: 1019337
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.7 5.5 8.3#
68 6.3 4.6 6.8



#23
Nitrobenzene-d5
Concen: 60.46 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



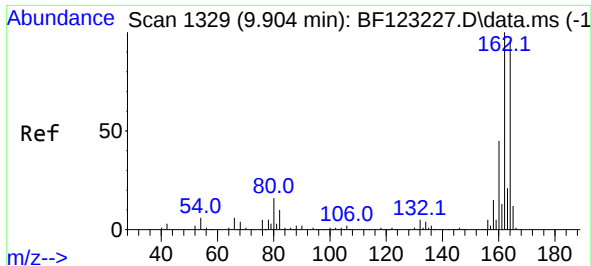
Tgt Ion: 82 Resp: 1346209
Ion Ratio Lower Upper
82 100
128 38.7 37.0 55.4
54 50.6 38.4 57.6



Instrument :
BNA_F
ClientSampled :
N-1

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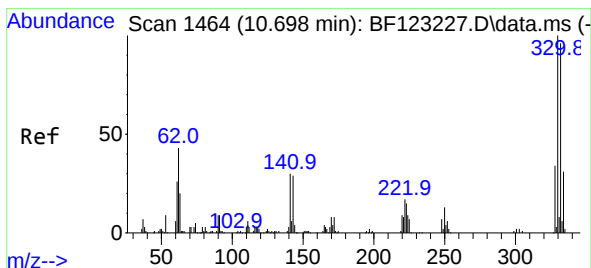
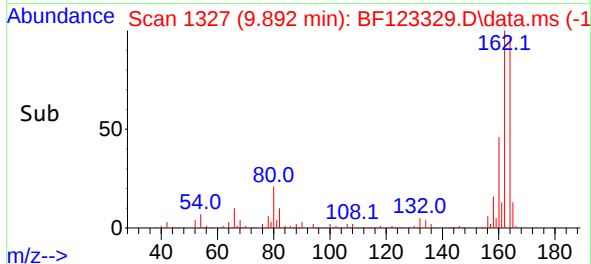
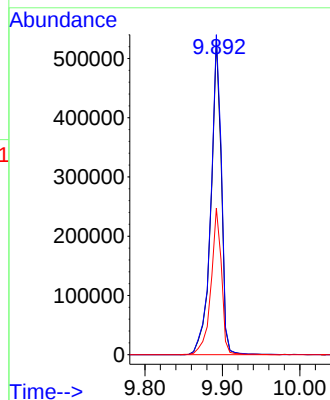
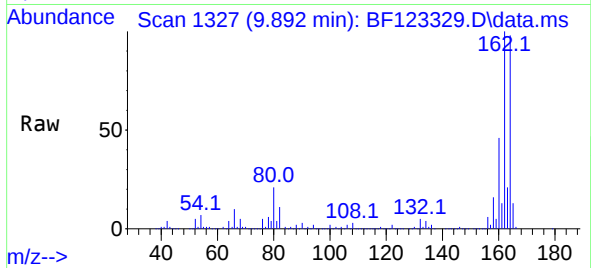
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:164 Resp: 495821
Ion Ratio Lower Upper
164 100
162 101.6 80.8 121.2
160 46.5 35.4 53.0

Instrument :
BNA_F
ClientSampled :
N-1

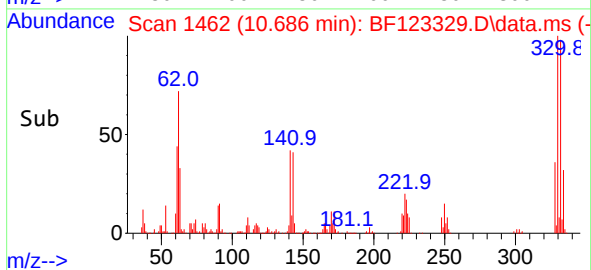
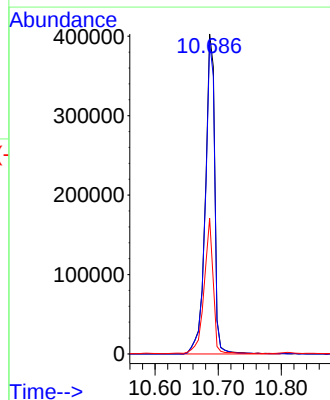
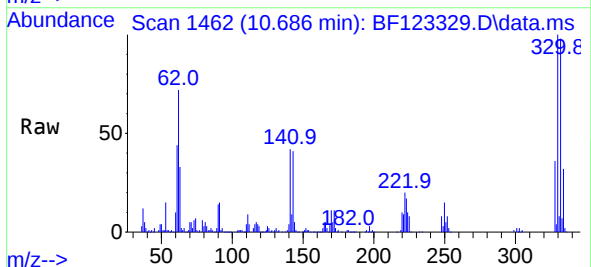
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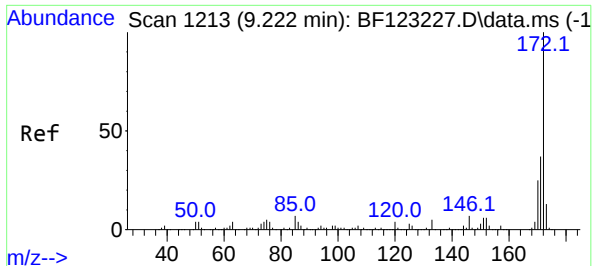
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#42
2,4,6-Tribromophenol
Concen: 83.22 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:330 Resp: 420173
Ion Ratio Lower Upper
330 100
332 97.2 77.5 116.3
141 40.5 23.8 35.8#





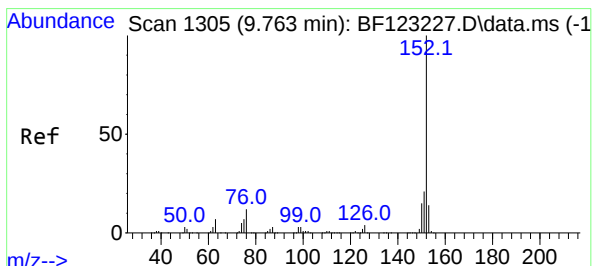
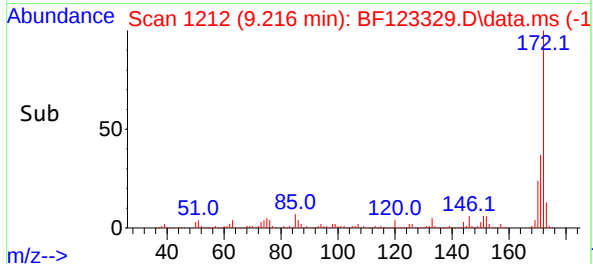
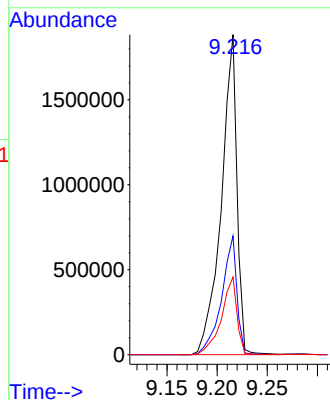
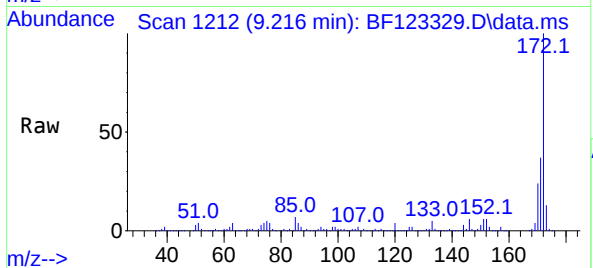
#45
2-Fluorobiphenyl
Concen: 59.15 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:172 Resp: 2041859
Ion Ratio Lower Upper
172 100
171 37.1 29.6 44.4
170 24.2 19.5 29.3

Instrument :
BNA_F
ClientSampled :
N-1

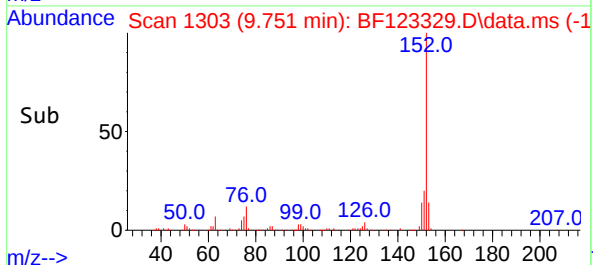
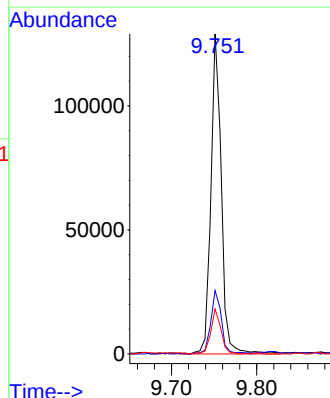
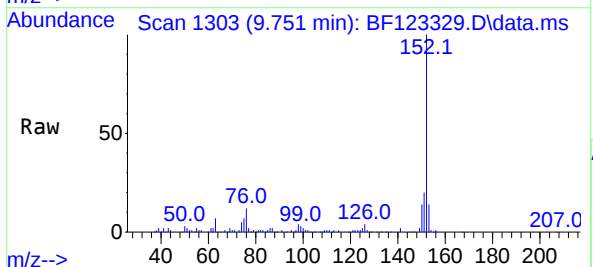
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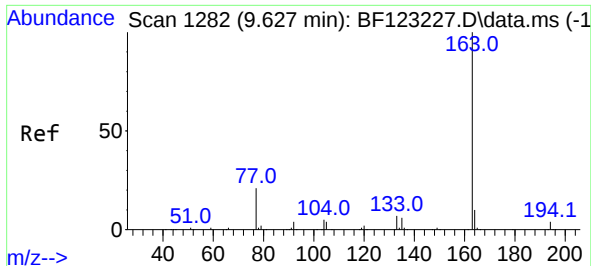
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#49
Acenaphthylene
Concen: 2.23 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:152 Resp: 109746
Ion Ratio Lower Upper
152 100
151 19.8 16.6 25.0
153 14.1 10.9 16.3





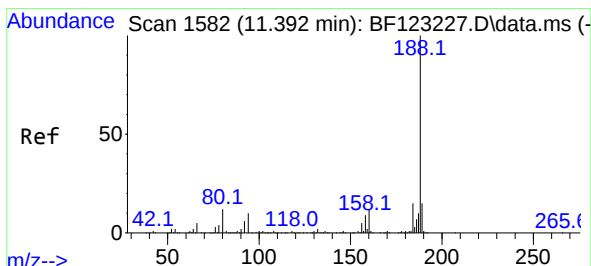
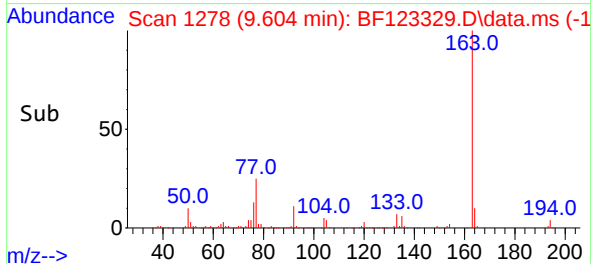
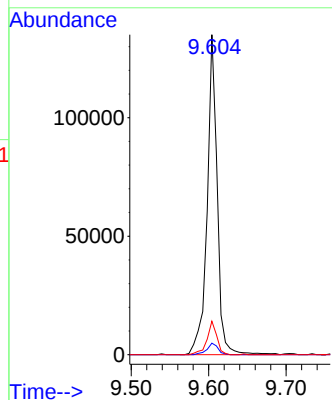
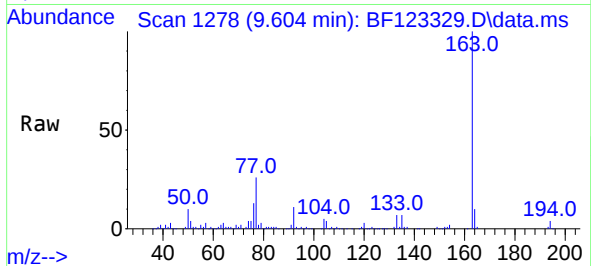
#50
Dimethylphthalate
Concen: 3.29 ng
RT: 9.604 min Scan# 1278
Delta R.T. -0.023 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:163 Resp: 121957
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.0
164 10.5 8.1 12.1

Instrument :
BNA_F
ClientSampled :
N-1

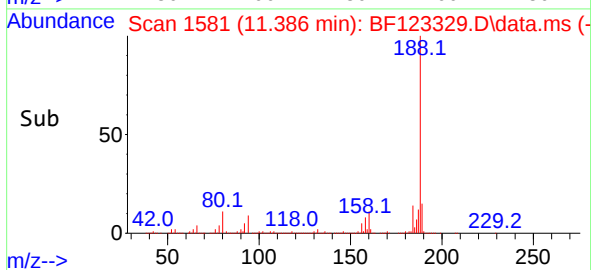
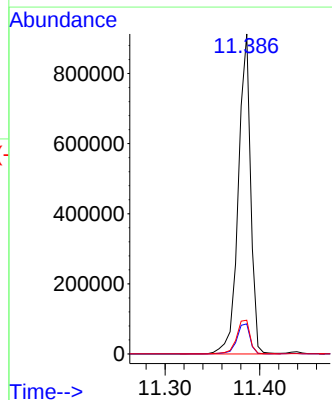
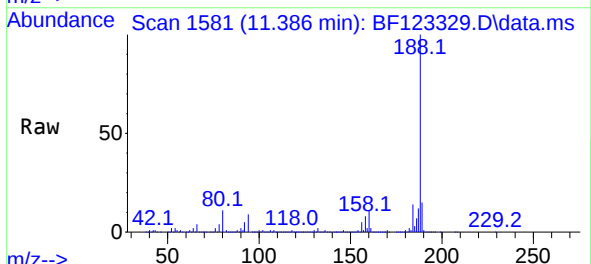
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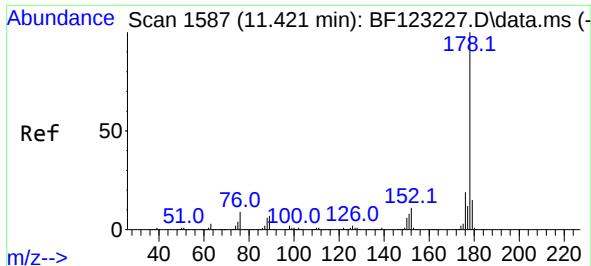
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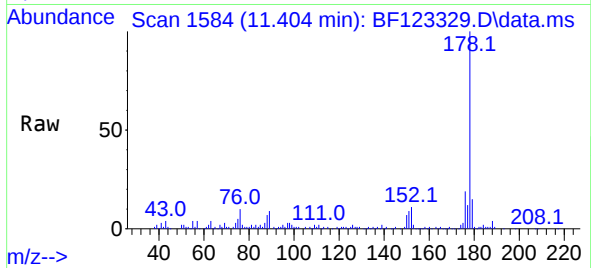
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:188 Resp: 820688
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.2
80 10.6 8.2 12.4

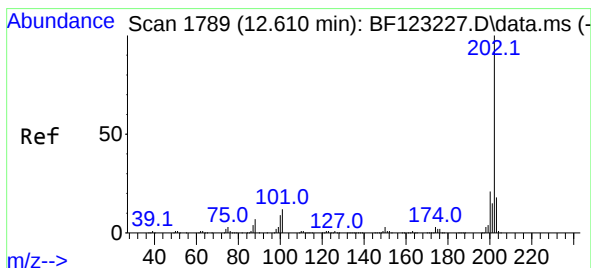
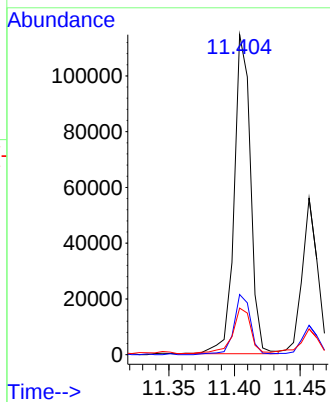
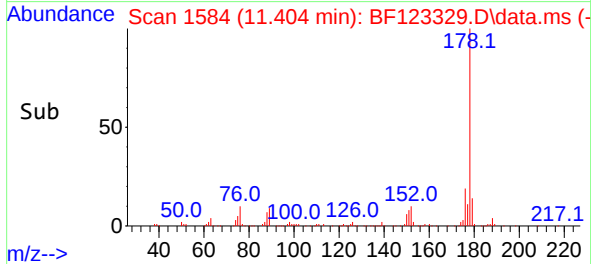




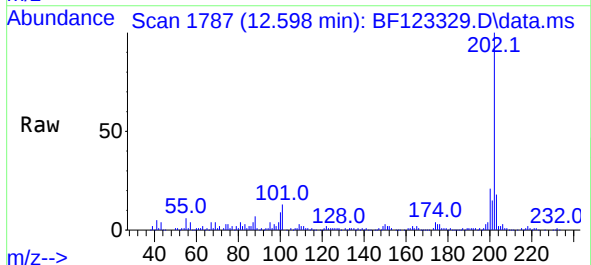
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Phenanthrene
Concen: 2.05 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.018 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



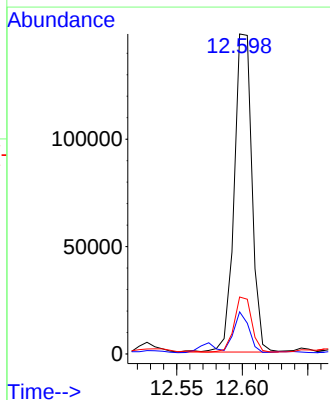
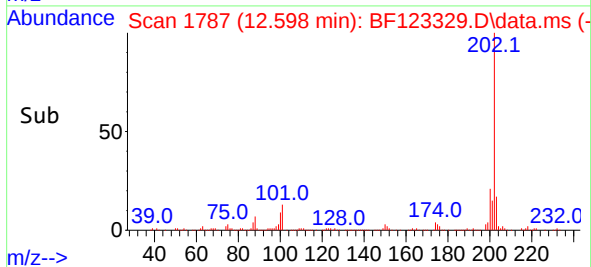
Tgt Ion:178 Resp: 99420
Ion Ratio Lower Upper
178 100
176 18.8 16.2 24.2
179 14.6 12.7 19.1



#75
Fluoranthene
Concen: 2.71 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



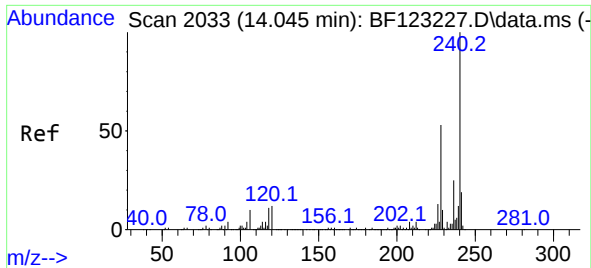
Tgt Ion:202 Resp: 139485
Ion Ratio Lower Upper
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101 13.1 0.0 32.2
203 17.8 0.0 38.1



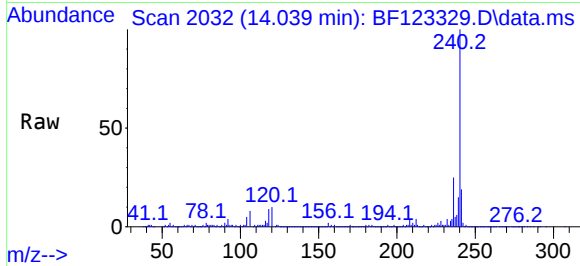
Instrument :
BNA_F
ClientSampled :
N-1

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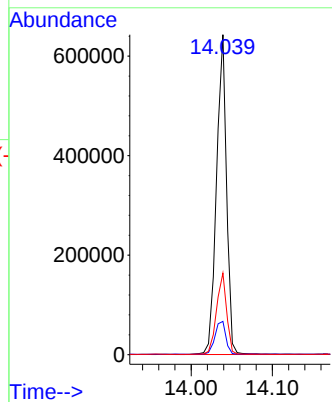
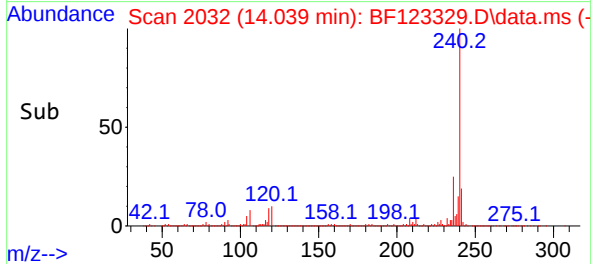
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



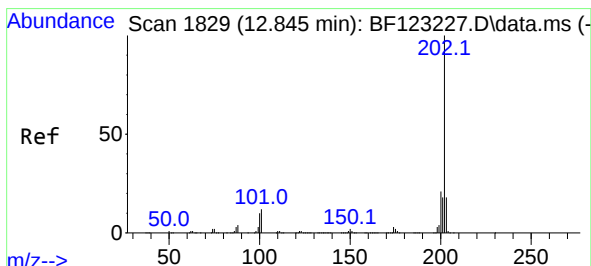
Tgt Ion:240 Resp: 552430
Ion Ratio Lower Upper
240 100
120 10.4 8.6 12.8
236 25.5 20.3 30.5



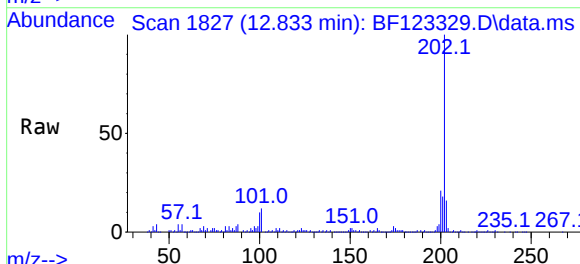
Instrument :
BNA_F
ClientSampled :
N-1

Manual Integrations
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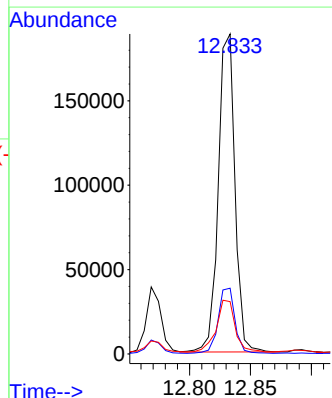
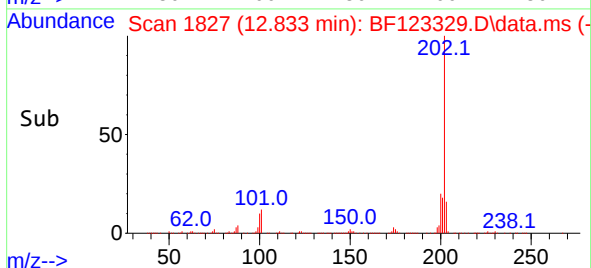
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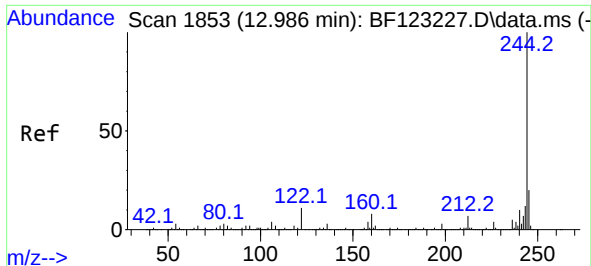


#78
Pyrene
Concen: 4.16 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

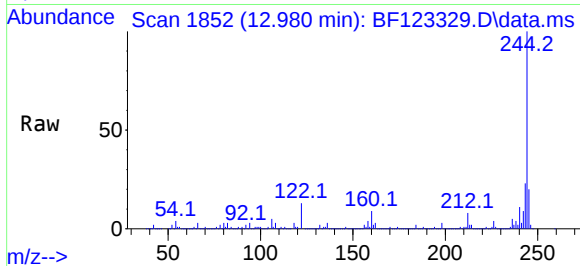


Tgt Ion:202 Resp: 179417
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 16.3 14.6 21.8

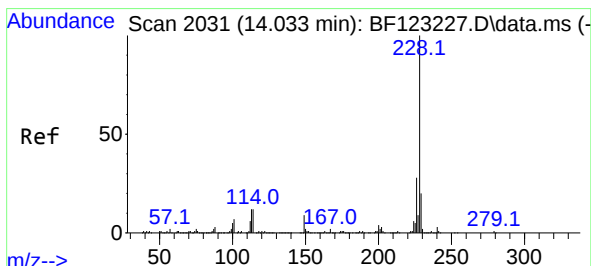
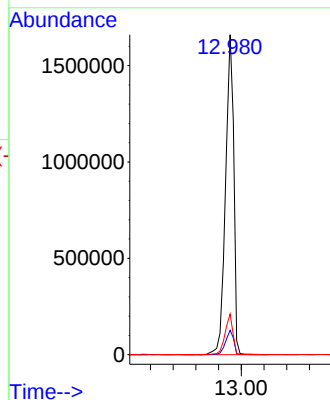
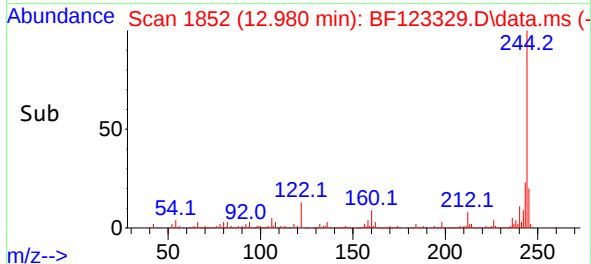




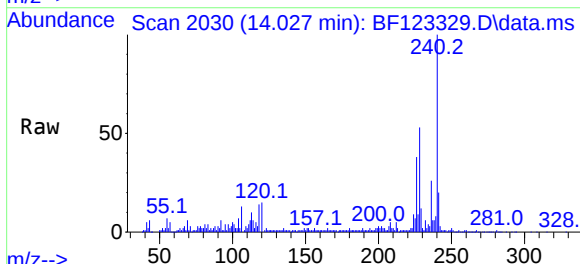
#79
Terphenyl-d14
Concen: 58.32 ng
RT: 12.980 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



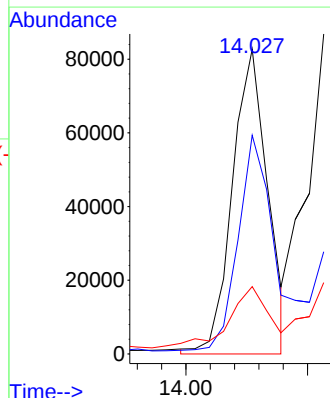
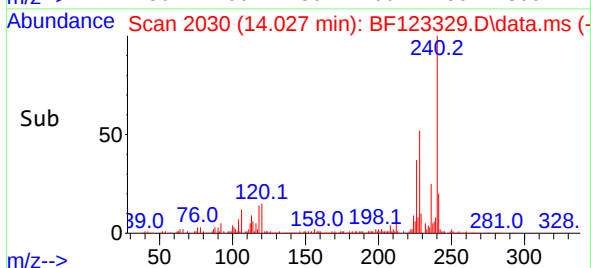
Tgt Ion:244 Resp: 1675484
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 12.8 8.3 12.5#



#81
Benzo(a)anthracene
Concen: 2.22 ng m
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



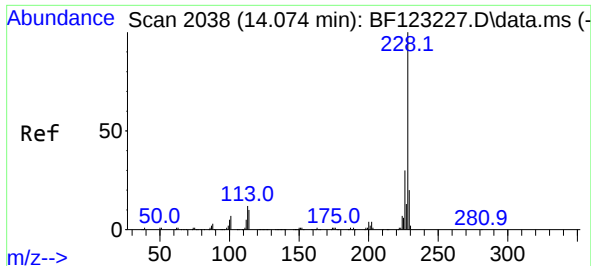
Tgt Ion:228 Resp: 83360
Ion Ratio Lower Upper
228 100
226 71.8 23.0 34.4#
229 22.1 16.6 24.8



Instrument :
BNA_F
ClientSampled :
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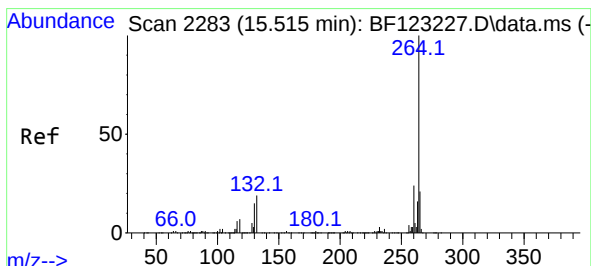
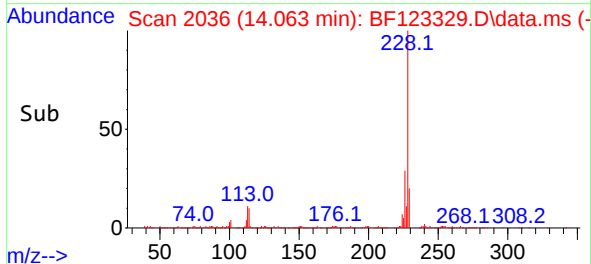
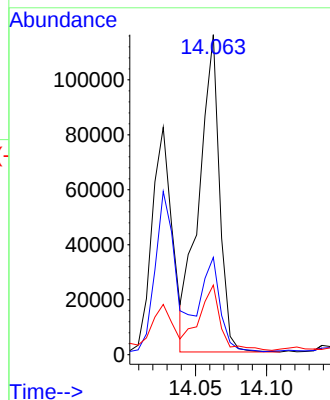
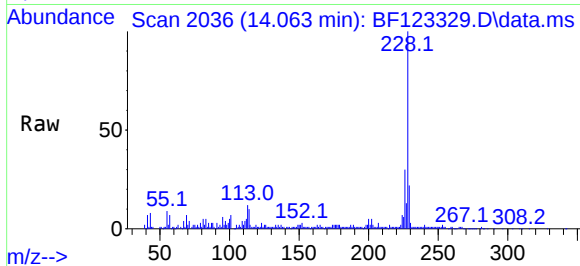
#83
Chrysene
Concen: 3.15 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:	228	Resp:	116065
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.6	36.8
229	21.7	15.8	23.6

Instrument :
BNA_F
ClientSampled :
N-1

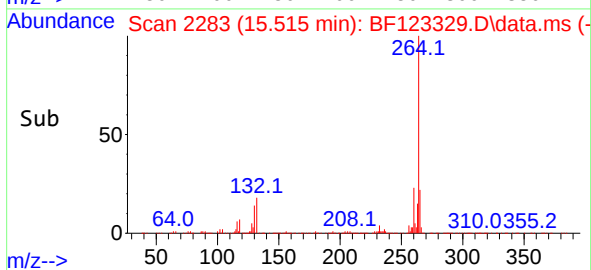
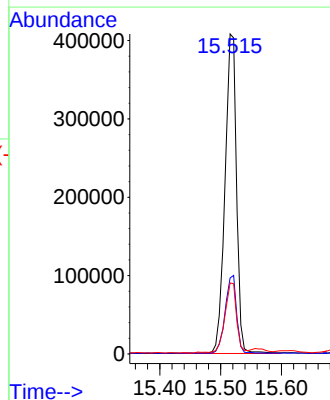
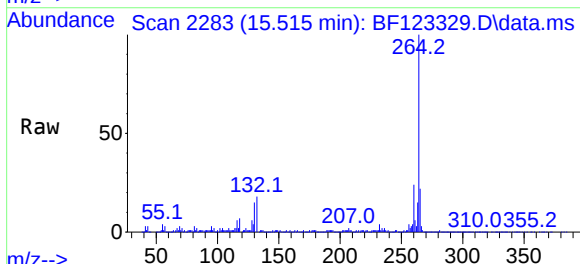
Manual Integrations
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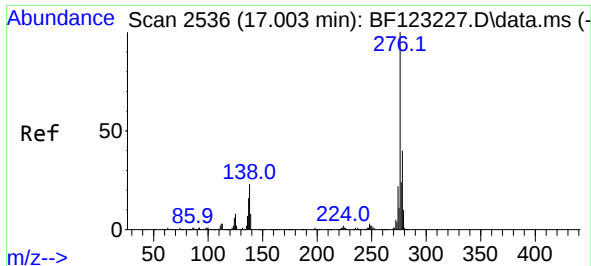
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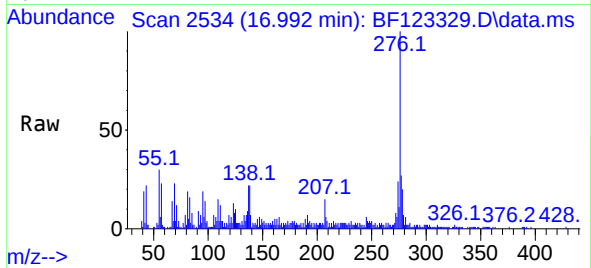
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.000 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35

Tgt Ion:	264	Resp:	537374
Ion Ratio	Lower	Upper	
264	100		
260	23.8	18.6	28.0
265	22.2	17.0	25.6

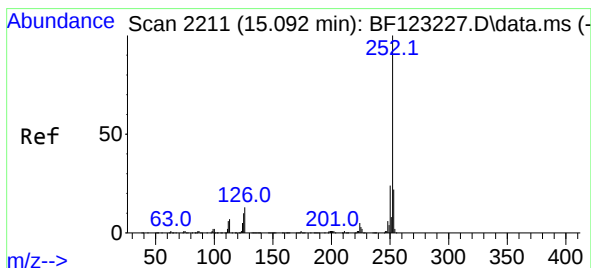
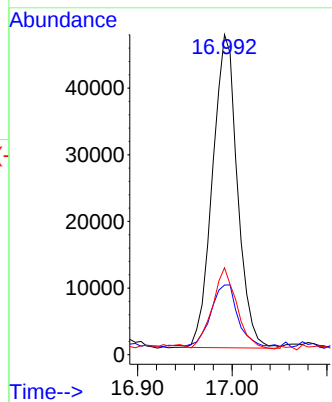
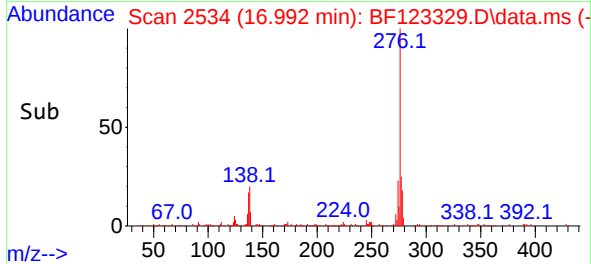




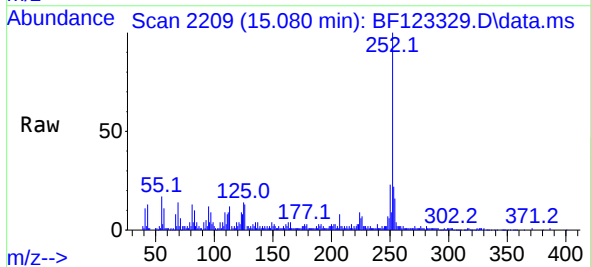
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.31 ng
RT: 16.992 min Scan# 2534
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



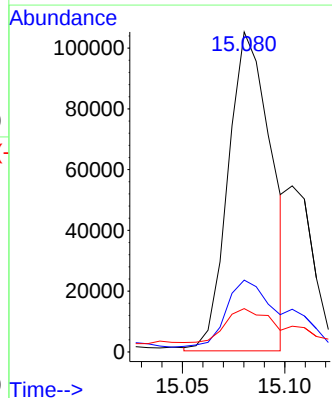
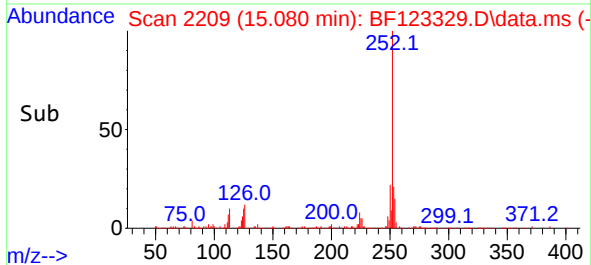
Tgt Ion:276 Resp: 85618
Ion Ratio Lower Upper
276 100
138 21.5 18.7 28.1
277 25.6 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 4.06 ng m
RT: 15.080 min Scan# 2209
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



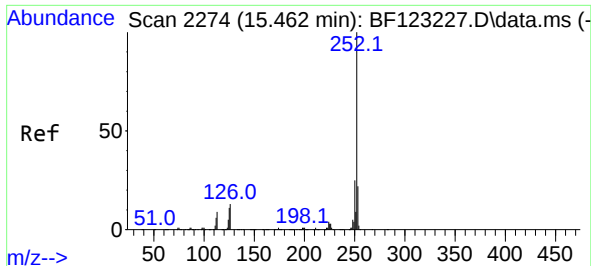
Tgt Ion:252 Resp: 153334
Ion Ratio Lower Upper
252 100
253 22.4 18.3 27.5
125 13.6 8.1 12.1#



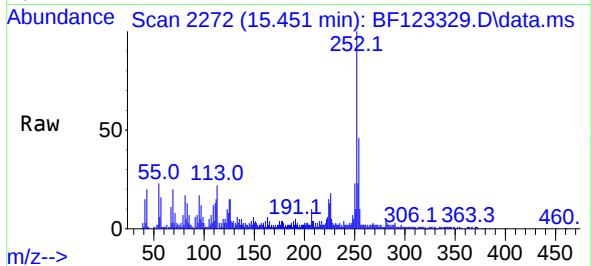
Instrument :
BNA_F
ClientSampled :
N-1

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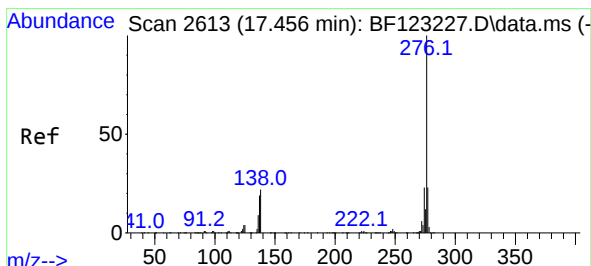
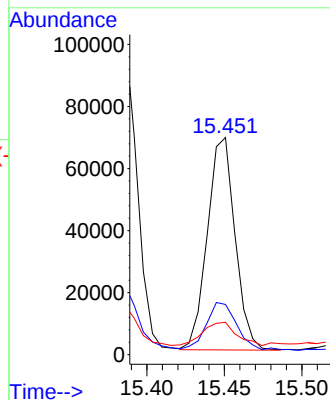
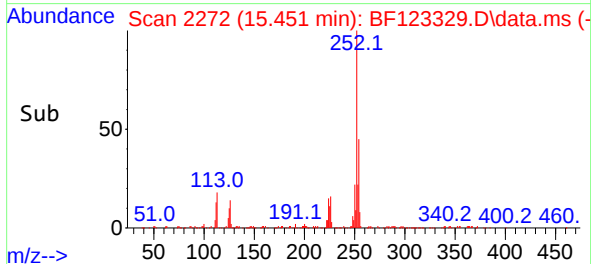
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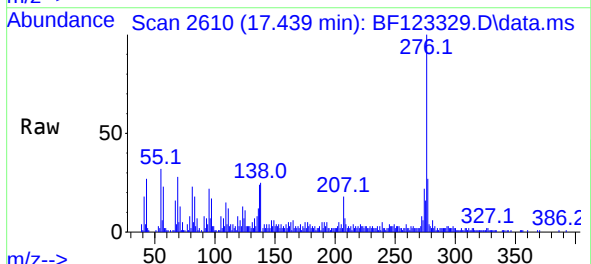
#90
Benzo(a)pyrene
Concen: 2.53 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



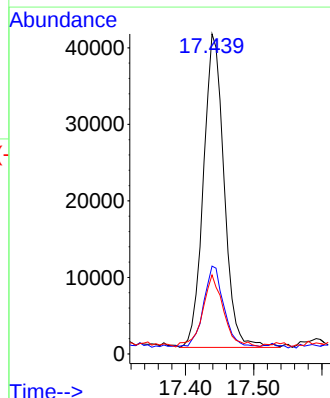
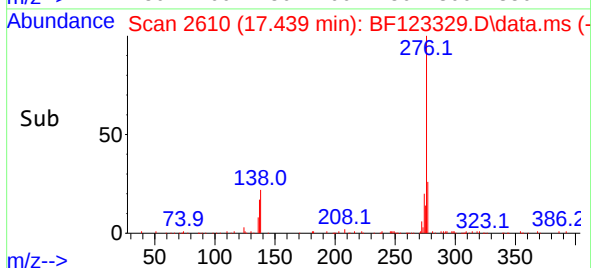
Tgt Ion:252 Resp: 85193
Ion Ratio Lower Upper
252 100
253 23.1 17.5 26.3
125 14.9 8.6 12.8#



#92
Benzo(g,h,i)perylene
Concen: 2.94 ng
RT: 17.439 min Scan# 2610
Delta R.T. -0.018 min
Lab File: BF123329.D
Acq: 1 Mar 2021 16:35



Tgt Ion:276 Resp: 86325
Ion Ratio Lower Upper
276 100
277 27.5 19.3 28.9
138 24.7 16.6 24.8



Instrument :
BNA_F
ClientSampled :
N-1

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