

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
 Data File : BF123330.D
 Acq On : 1 Mar 2021 17:09
 Operator : JU/CG
 Sample : M1506-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-03-022621

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Quant Time: Mar 01 18:13:11 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	250194	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	984616	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	479888	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	782137	20.00	ng	# 0.00
76) Chrysene-d12	14.039	240	545901	20.00	ng	0.00
86) Perylene-d12	15.521	264	530228	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	315852	18.17	ng	0.00
7) Phenol-d6	6.487	99	401130	16.99	ng	0.00
23) Nitrobenzene-d5	7.410	82	262662	12.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.686	330	76335	15.62	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	428931	12.84	ng	-0.01
79) Terphenyl-d14	12.974	244	349968	12.33	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	11.410	178	507779	10.98	ng	98
75) Fluoranthene	12.604	202	751472	15.33	ng	100
78) Pyrene	12.833	202	625158	14.67	ng	99
81) Benzo(a)anthracene	14.027	228	231704	6.25	ng	99
83) Chrysene	14.063	228	235566	6.47	ng	97
87) Indeno(1,2,3-cd)pyrene	16.998	276	146167	3.99	ng	97
88) Benzo(b)fluoranthene	15.086	252	361051m	9.70	ng	
89) Benzo(k)fluoranthene	15.110	252	107446m	3.18	ng	
90) Benzo(a)pyrene	15.451	252	243663	7.34	ng	# 95
92) Benzo(g,h,i)perylene	17.451	276	137589	4.75	ng	97

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

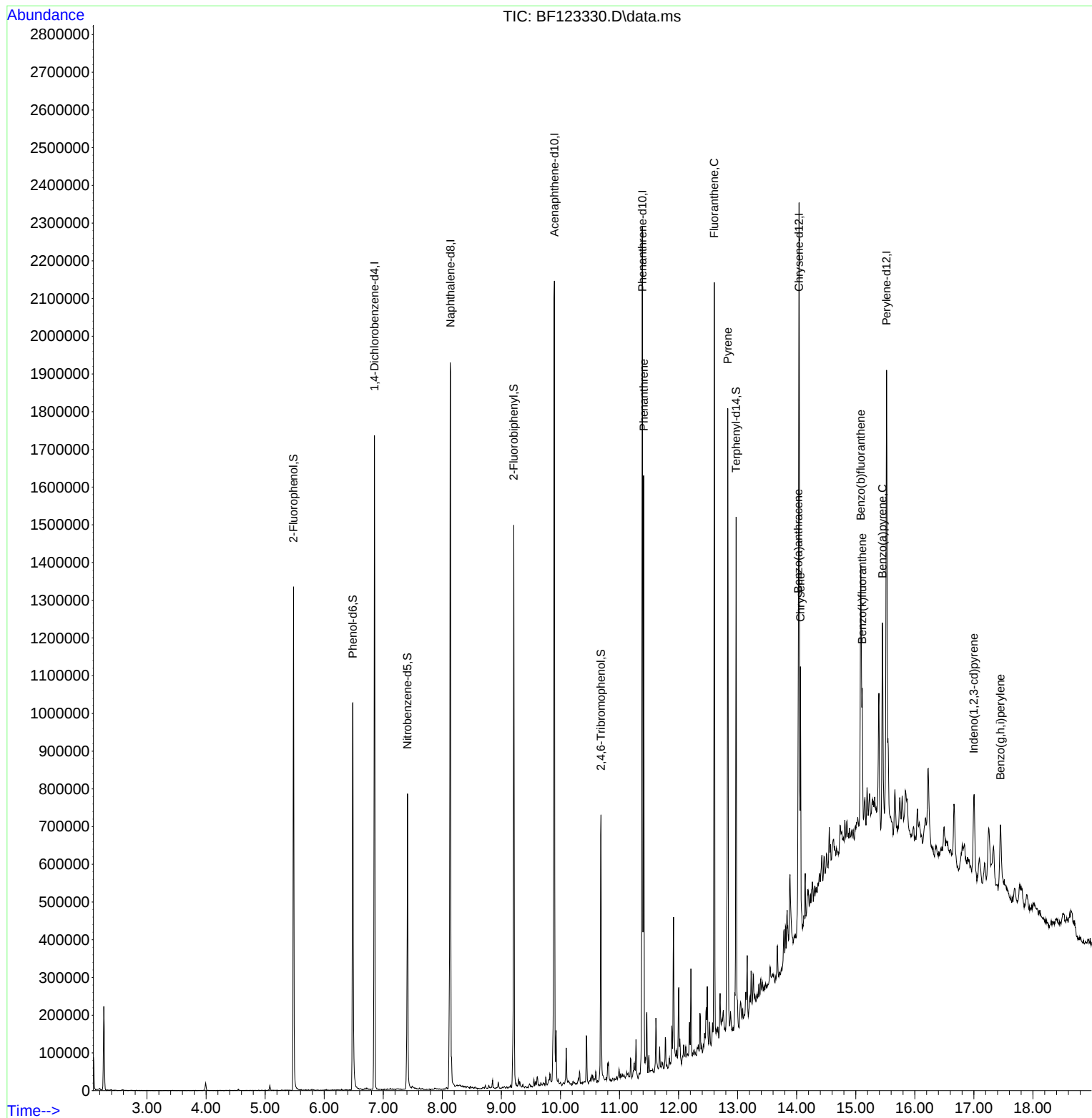
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123330.D
Acq On : 1 Mar 2021 17:09
Operator : JU/CG
Sample : M1506-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

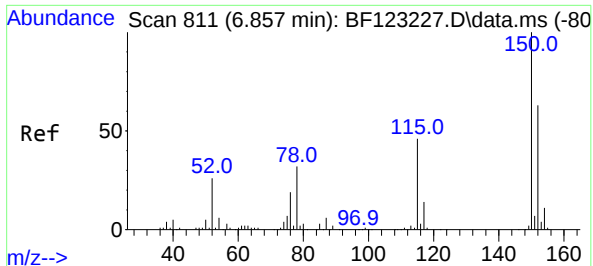
Instrument :
BNA_F
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OR-03-022621

Quant Time: Mar 01 18:13:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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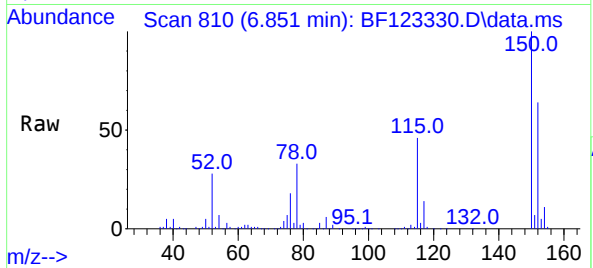
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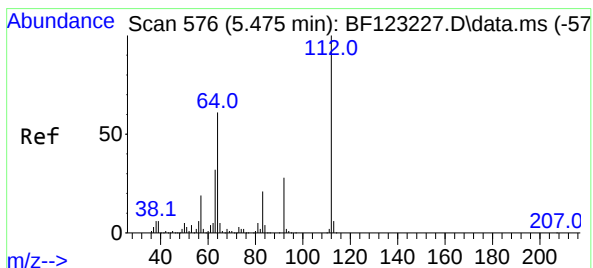
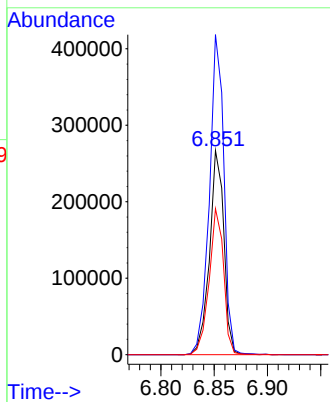
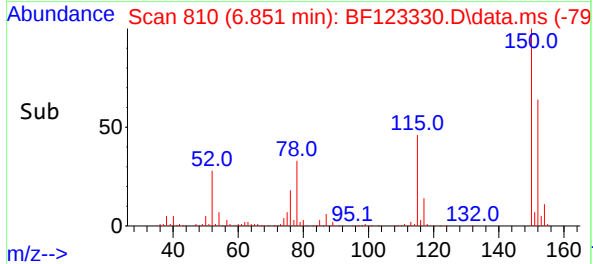




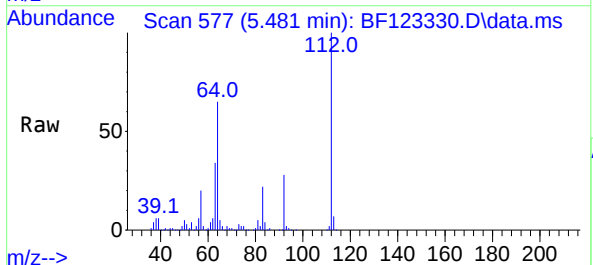
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09



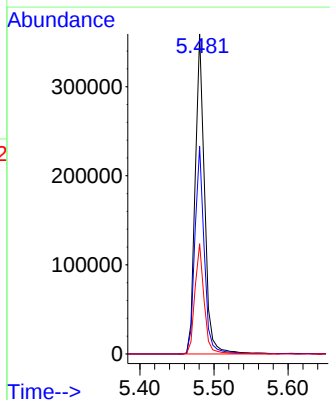
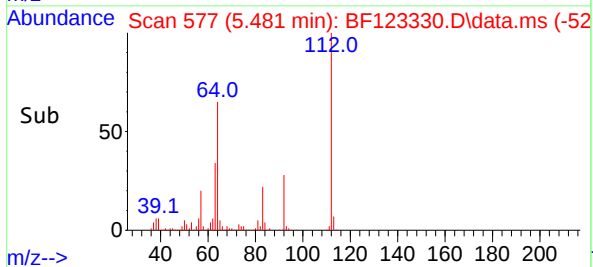
Tgt Ion:152 Resp: 250194
Ion Ratio Lower Upper
152 100
150 156.8 125.8 188.6
115 71.5 49.3 73.9



#5
2-Fluorophenol
Concen: 18.17 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09



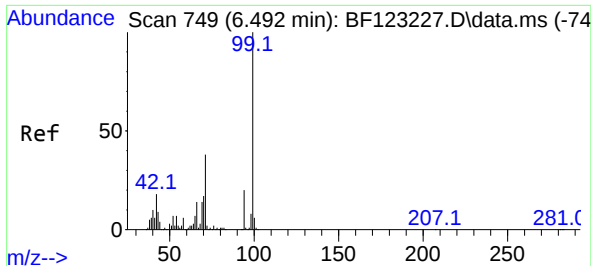
Tgt Ion:112 Resp: 315852
Ion Ratio Lower Upper
112 100
64 64.9 46.9 70.3
63 34.5 24.5 36.7



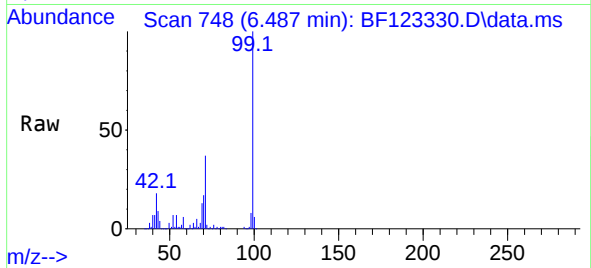
Instrument :
BNA_F
ClientSampleId :
OR-03-022621

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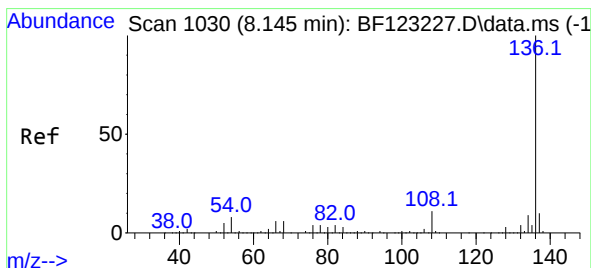
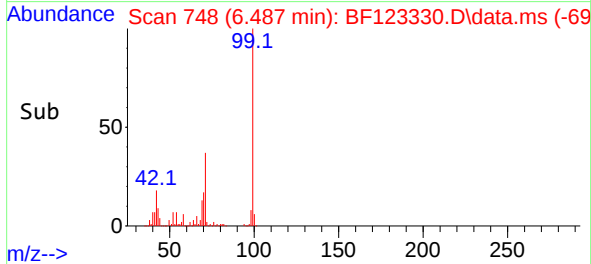
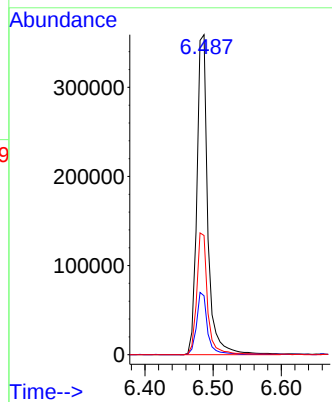
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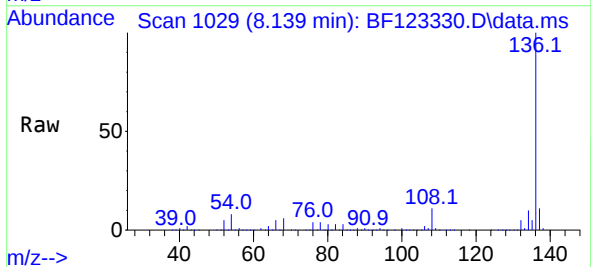
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Phenol-d6
Concen: 16.99 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09



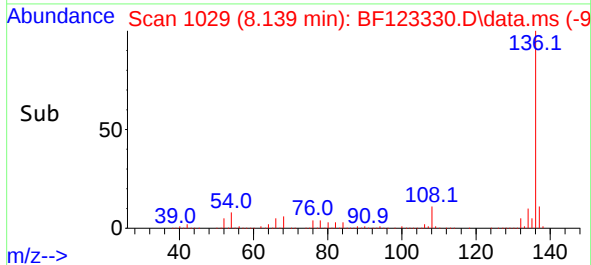
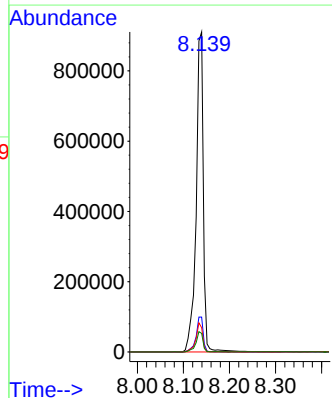
Tgt Ion: 99 Resp: 401130
Ion Ratio Lower Upper
99 100
42 18.4 13.8 20.6
71 37.2 26.9 40.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09



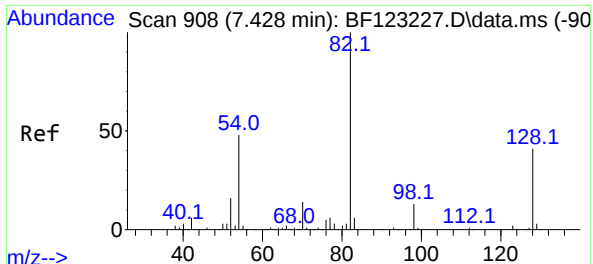
Tgt Ion: 136 Resp: 984616
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.6 5.5 8.3
68 5.8 4.6 6.8



Instrument :
BNA_F
ClientSampleId :
OR-03-022621

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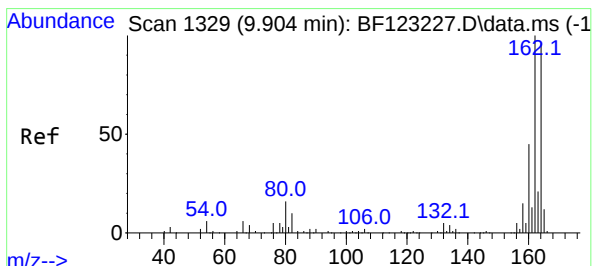
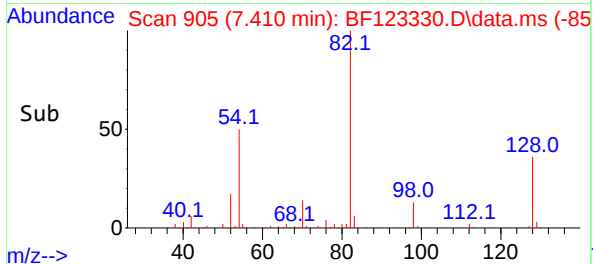
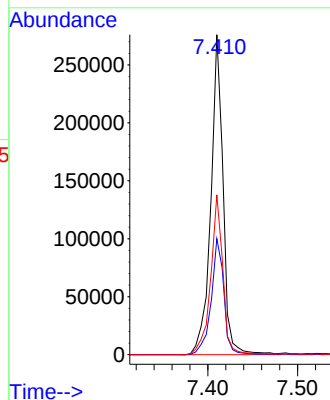
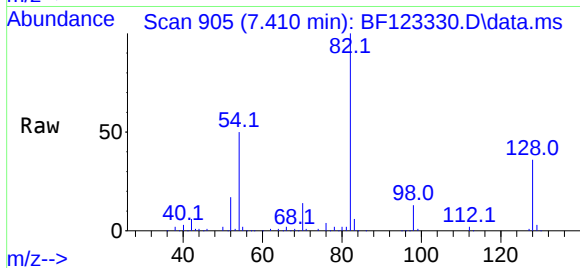
#23
Nitrobenzene-d5
Concen: 12.21 ng
RT: 7.410 min Scan# 905
Delta R.T. -0.018 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion: 82 Resp: 262662
Ion Ratio Lower Upper
82 100
128 36.2 37.0 55.4#
54 50.0 38.4 57.6

Instrument :
BNA_F
ClientSampleId :
OR-03-022621

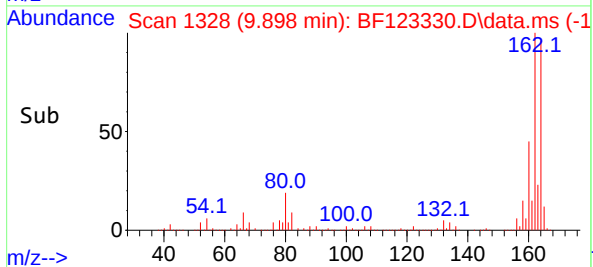
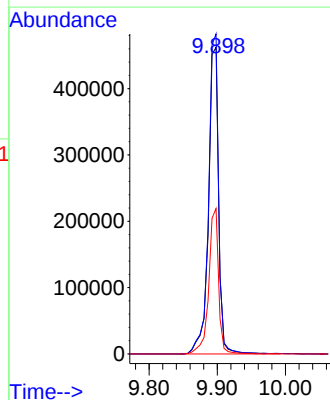
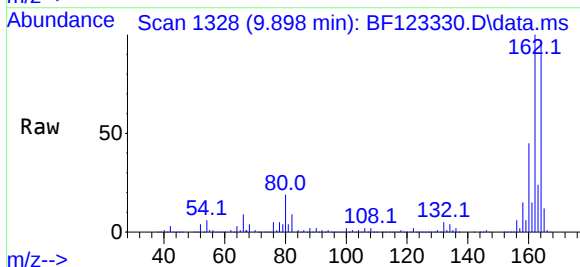
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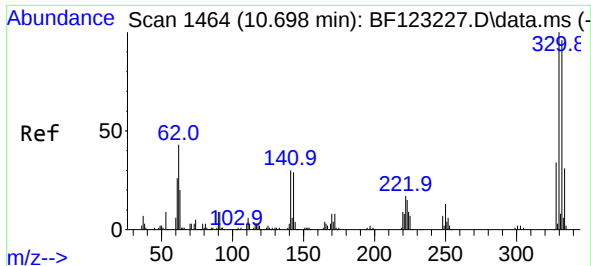
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

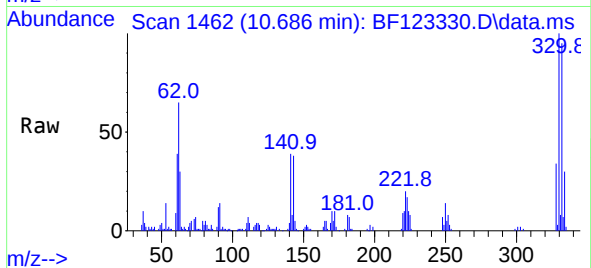
Tgt Ion:164 Resp: 479888
Ion Ratio Lower Upper
164 100
162 104.3 80.8 121.2
160 47.4 35.4 53.0





#42
2,4,6-Tribromophenol
Concen: 15.62 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

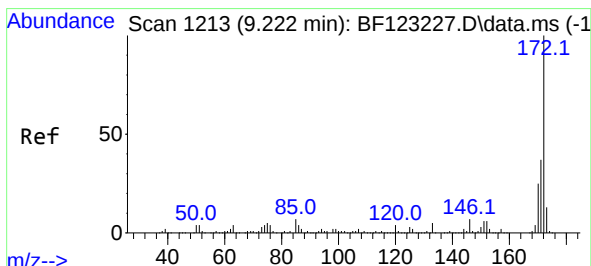
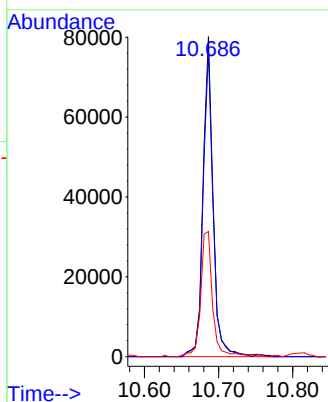
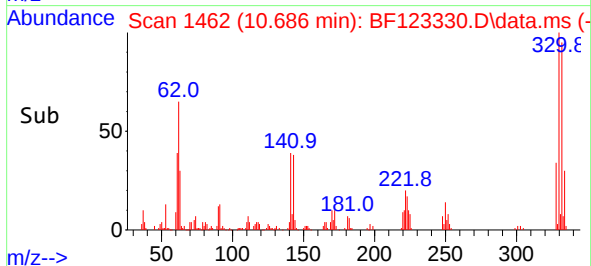
Instrument :
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ClientSampleId :
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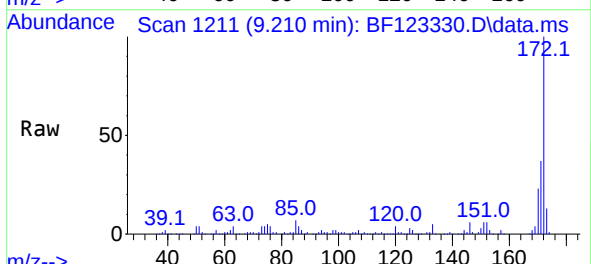
Tgt Ion:330 Resp: 76335
Ion Ratio Lower Upper
330 100
332 94.3 77.5 116.3
141 45.5 23.8 35.8#

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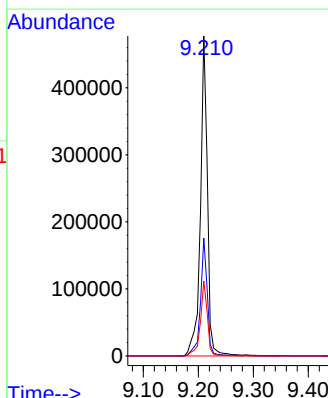
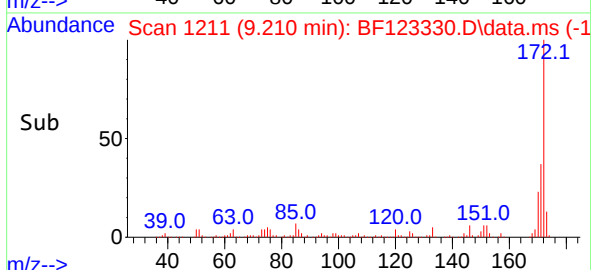
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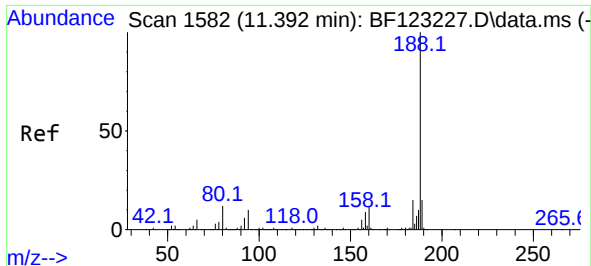


#45
2-Fluorobiphenyl
Concen: 12.84 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09



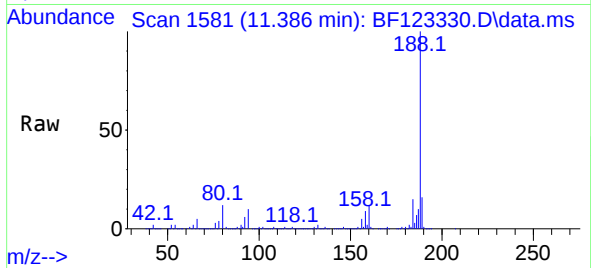
Tgt Ion:172 Resp: 428931
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 23.4 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

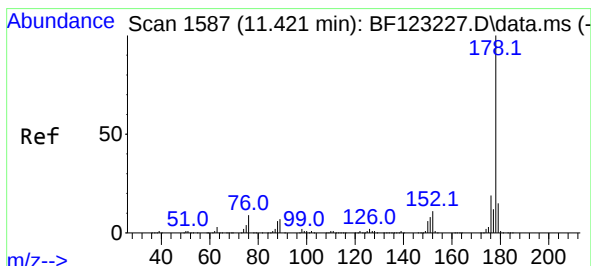
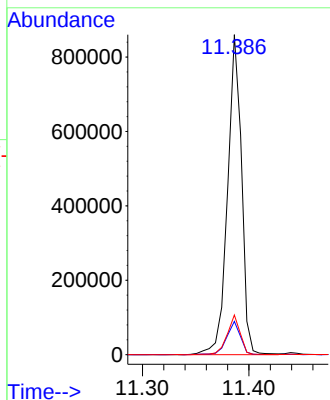
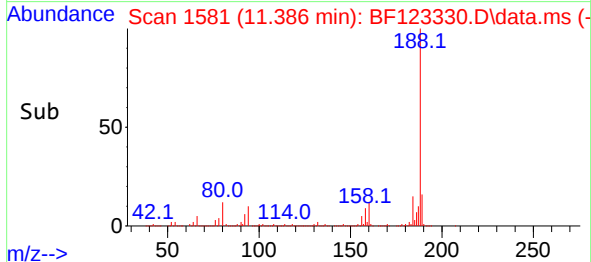
Instrument :
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ClientSampleId :
OR-03-022621



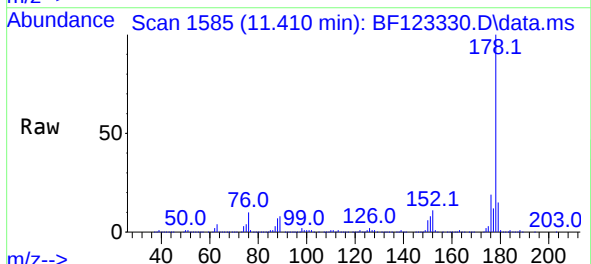
Tgt Ion:188 Resp: 782137
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 12.4 8.2 12.4#

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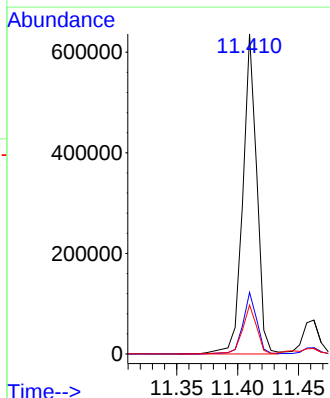
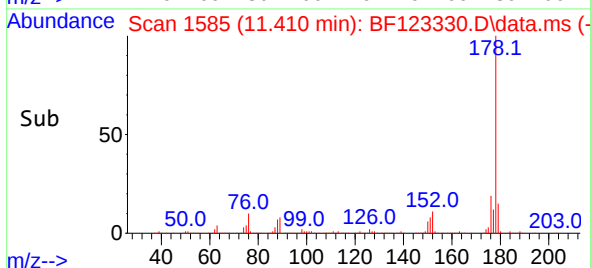
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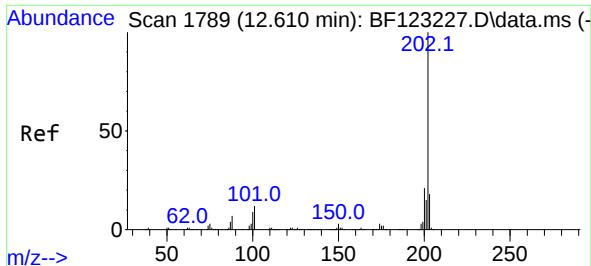


#71
Phenanthrene
Concen: 10.98 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09



Tgt Ion:178 Resp: 507779
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 15.3 12.7 19.1





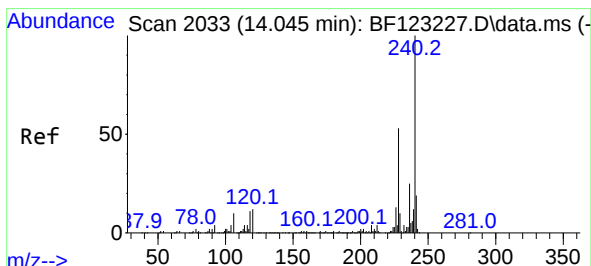
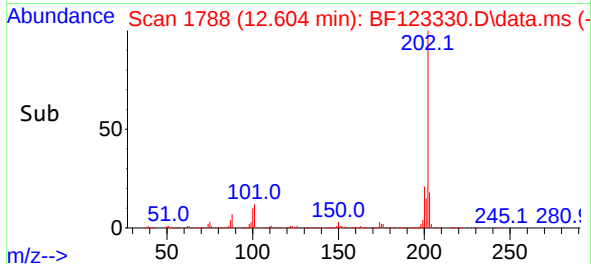
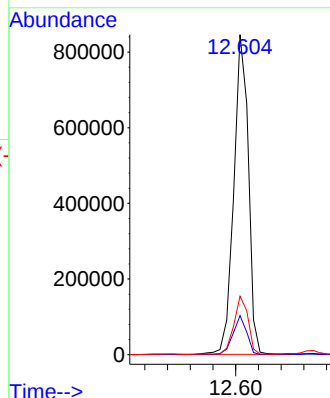
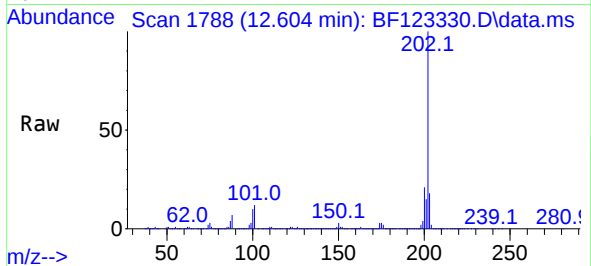
#75
Fluoranthene
Concen: 15.33 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:	202	Resp:	751472
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.2
203	18.3	0.0	38.1

Instrument :
BNA_F
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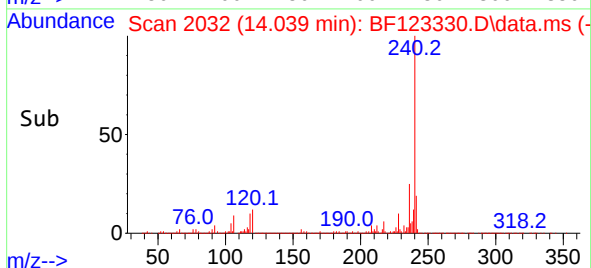
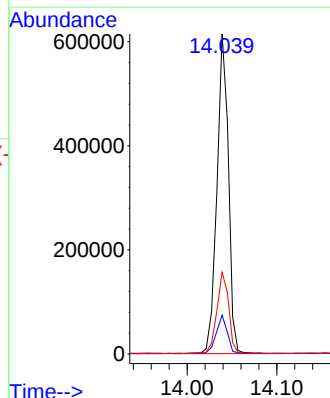
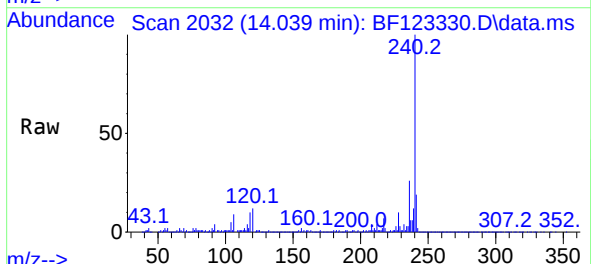
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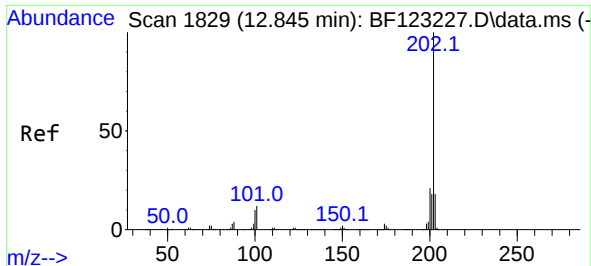
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:	240	Resp:	545901
Ion Ratio	Lower	Upper	
240	100		
120	12.1	8.6	12.8
236	25.6	20.3	30.5





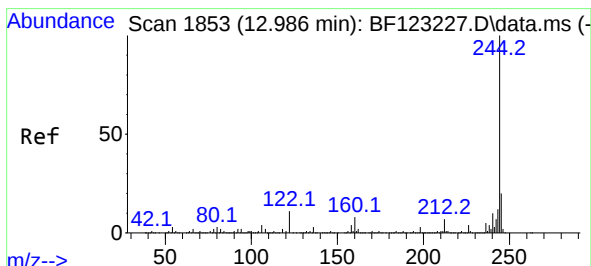
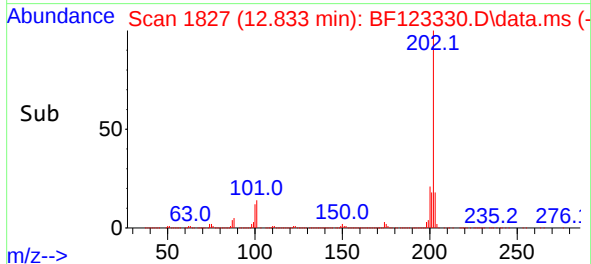
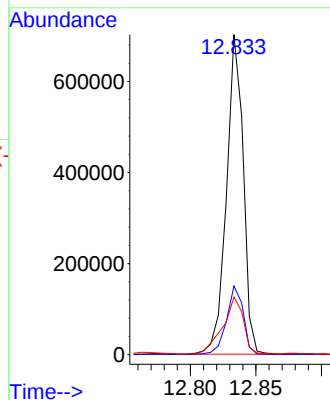
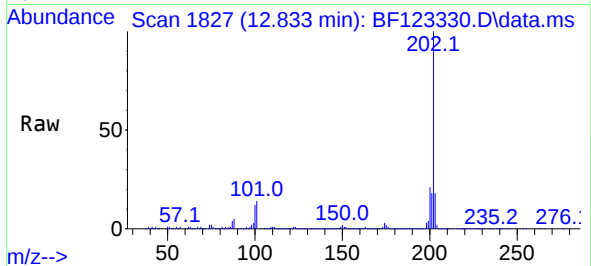
#78
Pyrene
Concen: 14.67 ng
RT: 12.833 min Scan# 1827
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:	202	Resp:	625158
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.6	26.4
203	18.0	14.6	21.8

Instrument :
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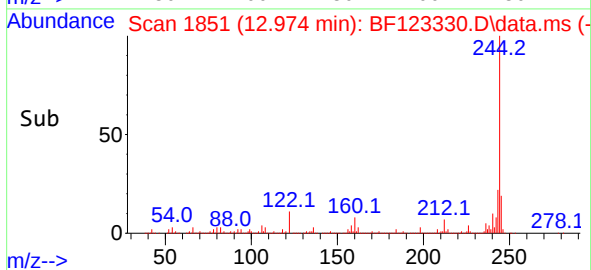
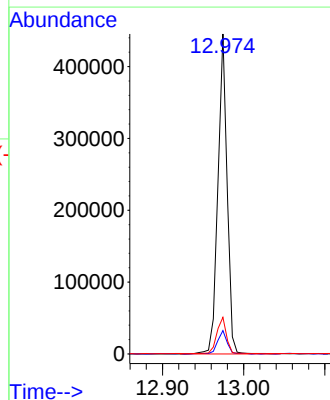
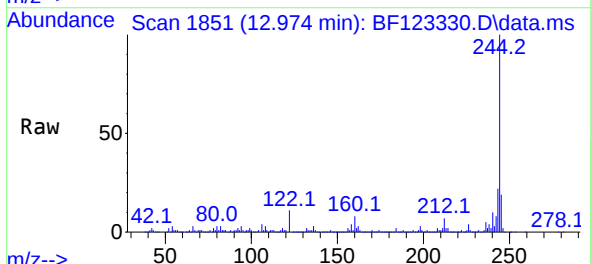
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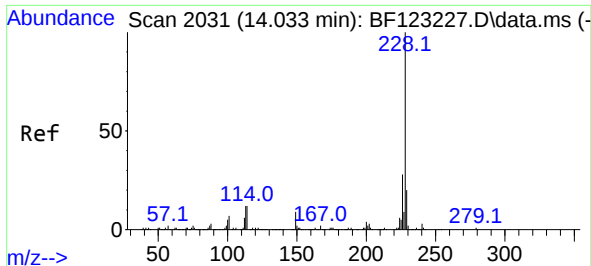
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#79
Terphenyl-d14
Concen: 12.33 ng
RT: 12.974 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:	244	Resp:	349968
Ion Ratio	Lower	Upper	
244	100		
212	7.3	5.7	8.5
122	11.4	8.3	12.5





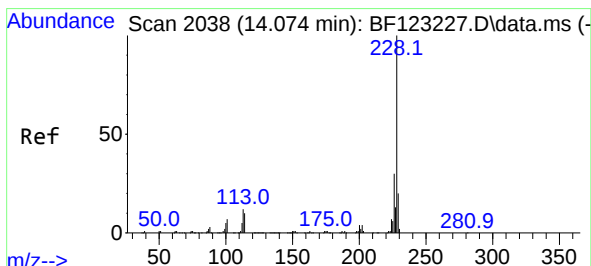
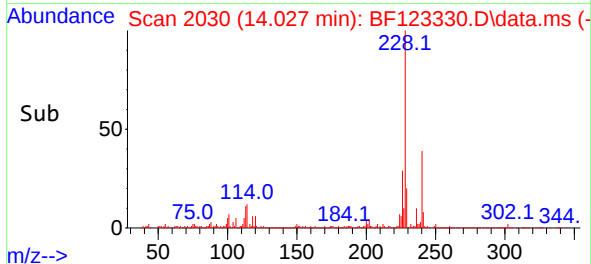
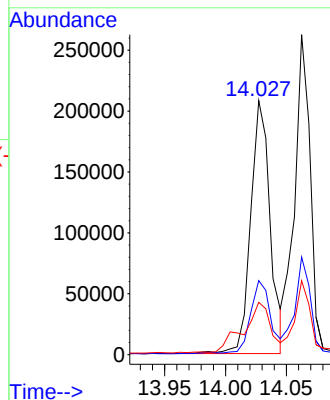
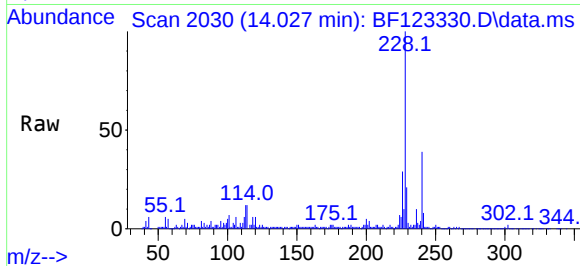
#81
Benzo(a)anthracene
Concen: 6.25 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:228 Resp: 231704
Ion Ratio Lower Upper
228 100
226 29.2 23.0 34.4
229 20.6 16.6 24.8

Instrument :
BNA_F
ClientSampleId :
OR-03-022621

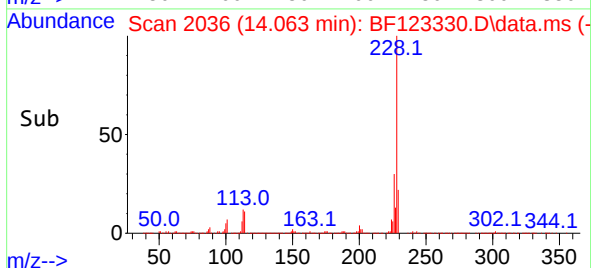
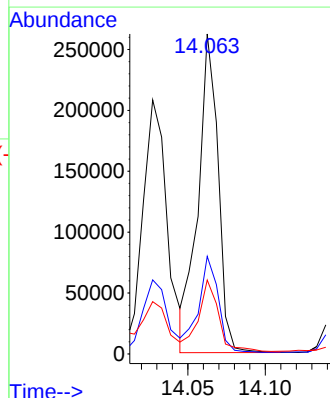
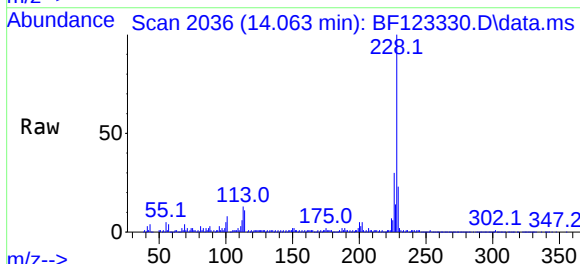
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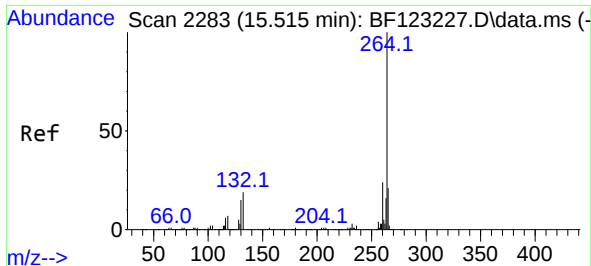
mohammad
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#83
Chrysene
Concen: 6.47 ng
RT: 14.063 min Scan# 2036
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

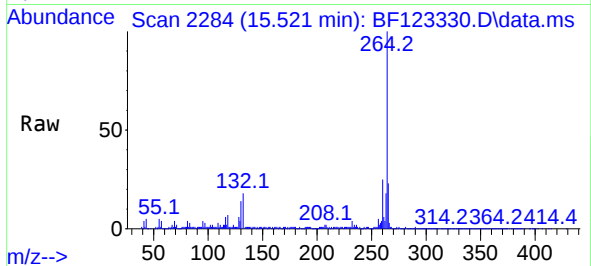
Tgt Ion:228 Resp: 235566
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 23.1 15.8 23.6





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

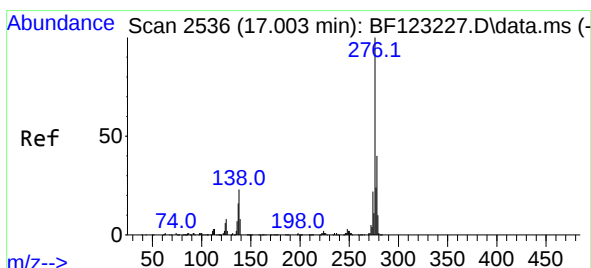
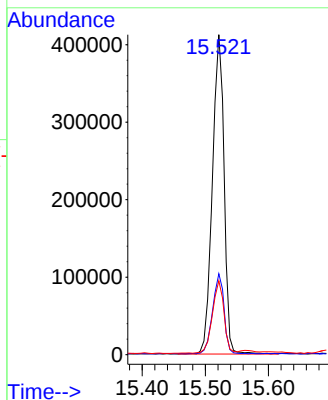
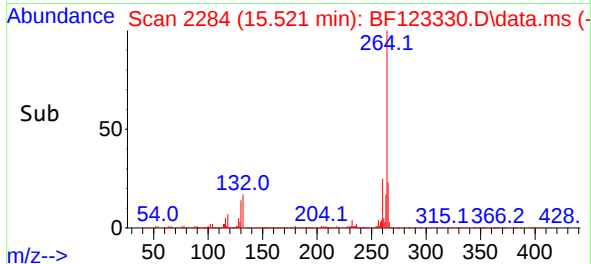
Instrument :
BNA_F
ClientSampleId :
OR-03-022621



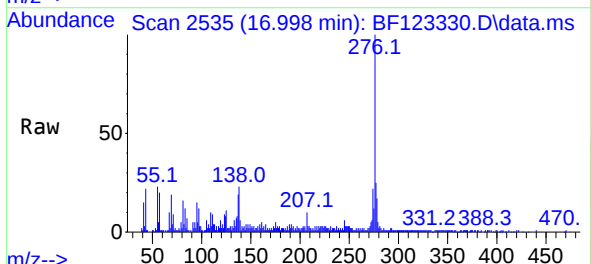
Tgt Ion:264 Resp: 530228
Ion Ratio Lower Upper
264 100
260 25.3 18.6 28.0
265 23.1 17.0 25.6

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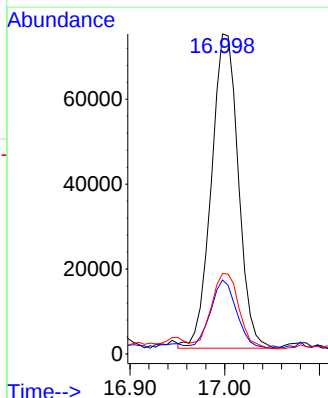
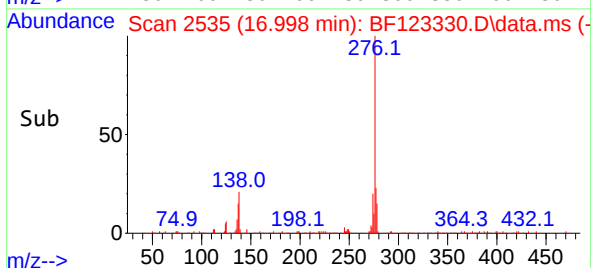
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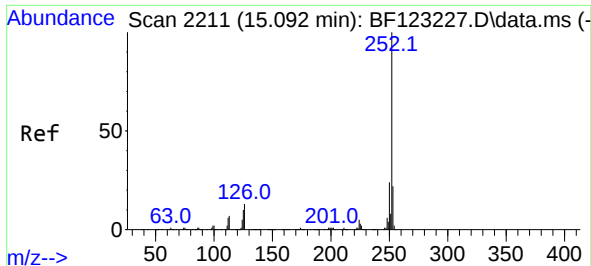


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.99 ng
RT: 16.998 min Scan# 2535
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09



Tgt Ion:276 Resp: 146167
Ion Ratio Lower Upper
276 100
138 20.8 18.7 28.1
277 25.1 20.2 30.4





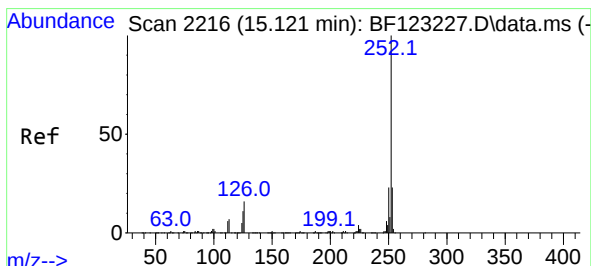
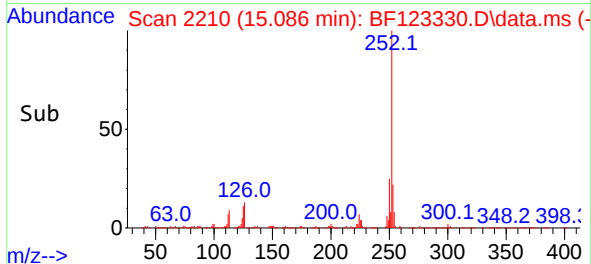
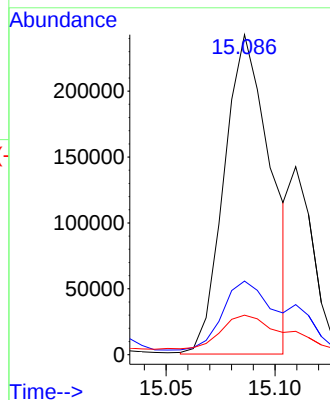
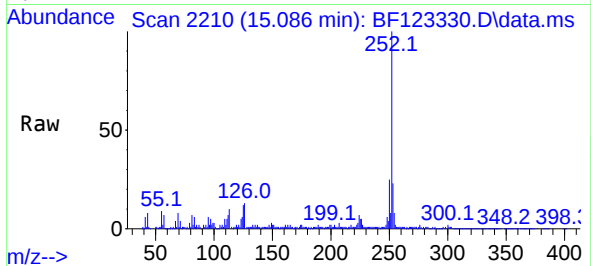
#88
Benzo(b)fluoranthene
Concen: 9.70 ng m
RT: 15.086 min Scan# 2210
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:252 Resp: 361051
Ion Ratio Lower Upper
252 100
253 23.0 18.3 27.5
125 12.4 8.1 12.1#

Instrument :
BNA_F
ClientSampleId :
OR-03-022621

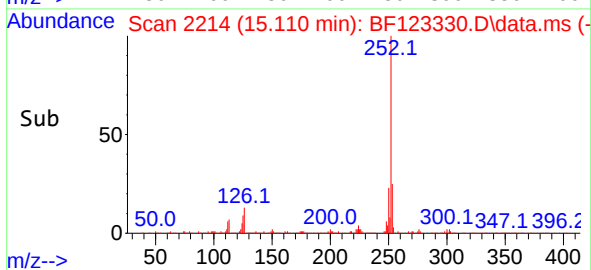
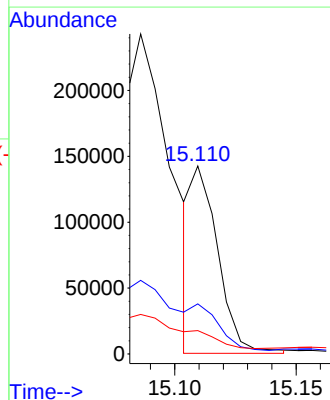
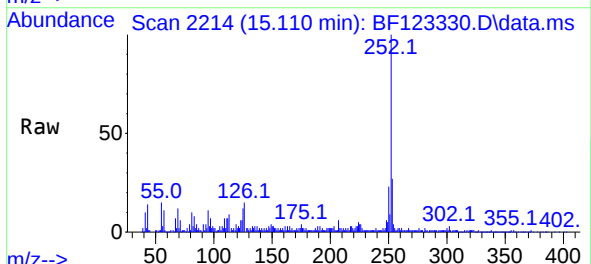
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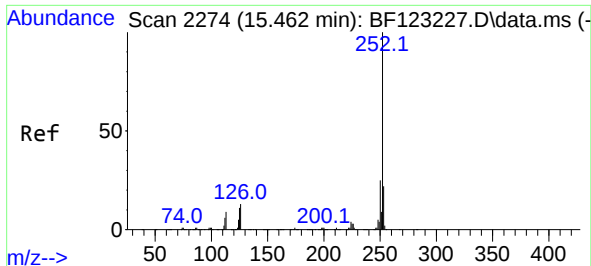
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#89
Benzo(k)fluoranthene
Concen: 3.18 ng m
RT: 15.110 min Scan# 2214
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:252 Resp: 107446
Ion Ratio Lower Upper
252 100
253 26.6 17.8 26.8
125 12.4 8.4 12.6





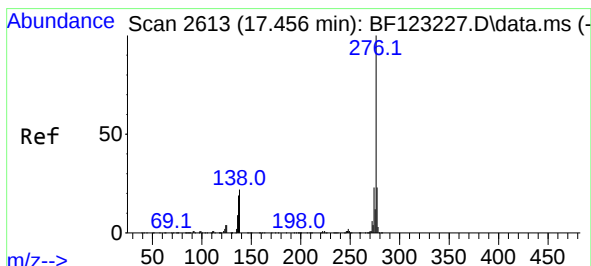
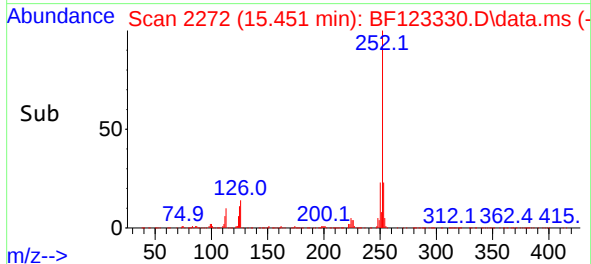
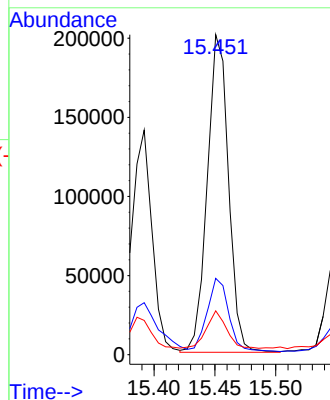
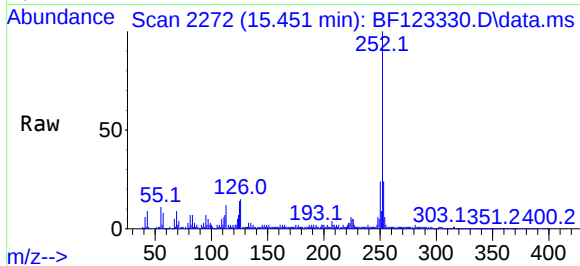
#90
Benzo(a)pyrene
Concen: 7.34 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.012 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:252 Resp: 243663
Ion Ratio Lower Upper
252 100
253 23.9 17.5 26.3
125 13.7 8.6 12.8#

Instrument :
BNA_F
ClientSampleId :
OR-03-022621

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#92
Benzo(g,h,i)perylene
Concen: 4.75 ng
RT: 17.451 min Scan# 2612
Delta R.T. -0.006 min
Lab File: BF123330.D
Acq: 1 Mar 2021 17:09

Tgt Ion:276 Resp: 137589
Ion Ratio Lower Upper
276 100
277 24.5 19.3 28.9
138 23.3 16.6 24.8

