

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121720\
 Data File : BM028154.D
 Acq On : 17 Dec 2020 22:58
 Operator : JU/CG
 Sample : L5113-02 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SS1

Manual Integrations
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Quant Time: Dec 18 00:23:01 2020
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 16 01:58:38 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.210	152	178742	20.00	ng	0.00
21) Naphthalene-d8	11.039	136	756946	20.00	ng	# 0.00
39) Acenaphthene-d10	14.839	164	448451	20.00	ng	0.00
64) Phenanthrene-d10	17.556	188	923334	20.00	ng	# 0.00
76) Chrysene-d12	21.668	240	657103	20.00	ng	# 0.00
86) Perylene-d12	24.038	264	652708	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	199831	18.42	ng	0.00
7) Phenol-d6	7.345	99	275034	17.76	ng	-0.01
23) Nitrobenzene-d5	9.386	82	162874	10.68	ng	-0.01
42) 2,4,6-Tribromophenol	16.309	330	101102	16.98	ng	0.00
45) 2-Fluorobiphenyl	13.463	172	334320	9.69	ng	-0.01
79) Terphenyl-d14	20.127	244	382414	10.56	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.598	178	449012	8.01	ng	99
75) Fluoranthene	19.580	202	1141089	18.17	ng	96
78) Pyrene	19.939	202	922485	19.39	ng	99
81) Benzo(a)anthracene	21.650	228	417451	9.33	ng	99
83) Chrysene	21.703	228	474224	10.94	ng	97
87) Indeno(1,2,3-cd)pyrene	26.468	276	267704	6.17	ng	# 93
88) Benzo(b)fluoranthene	23.321	252	582909	13.11	ng	# 93
89) Benzo(k)fluoranthene	23.362	252	192379m	4.45	ng	
90) Benzo(a)pyrene	23.933	252	373681	9.36	ng	# 94
92) Benzo(g,h,i)perylene	27.221	276	244105	7.06	ng	# 90

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

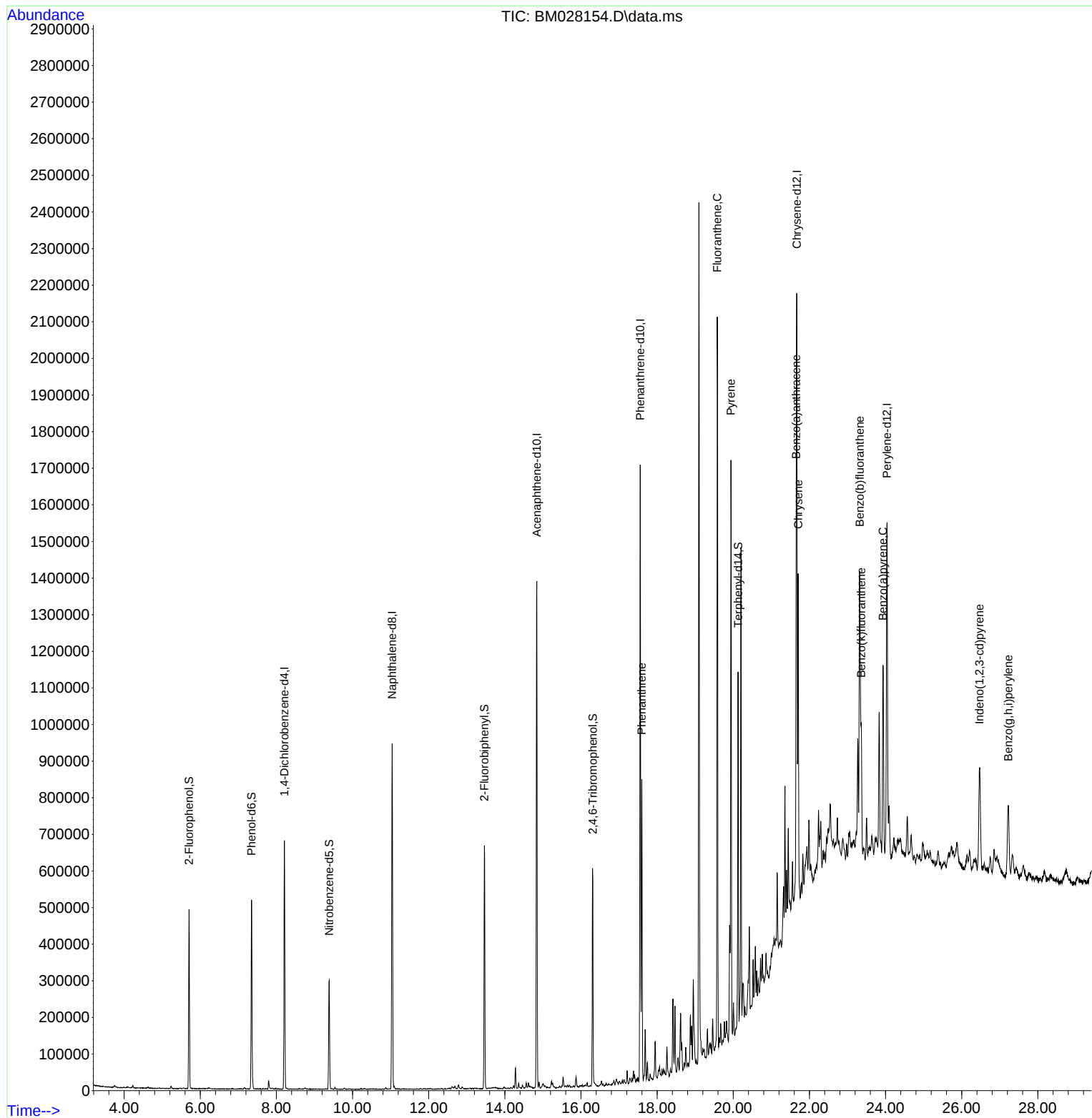
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Data File : BM028154.D
Acq On : 17 Dec 2020 22:58
Operator : JU/CG
Sample : L5113-02 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

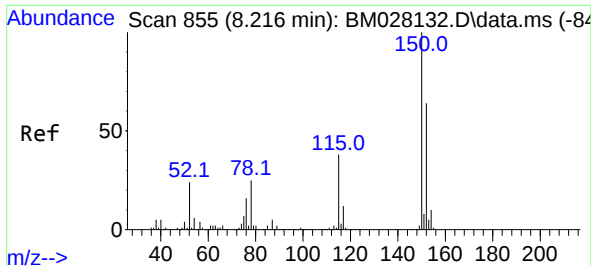
Instrument :
BNA_M
ClientSampleId :
SS1

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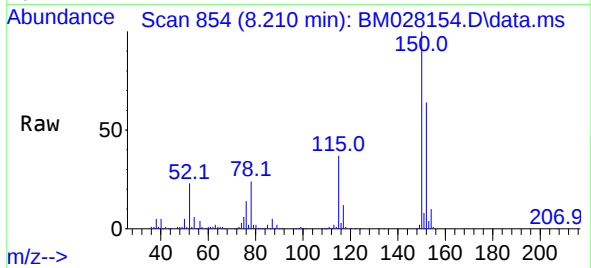
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Quant Time: Dec 18 00:23:01 2020
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 16 01:58:38 2020
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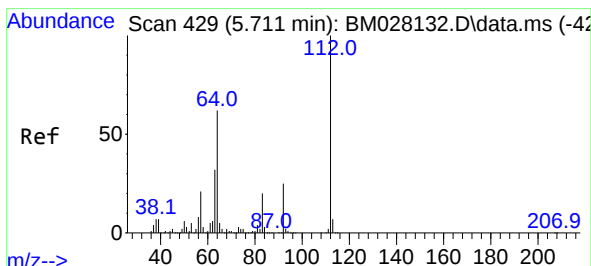
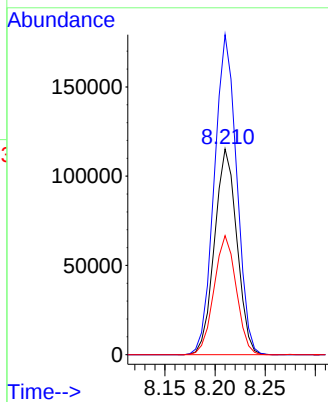
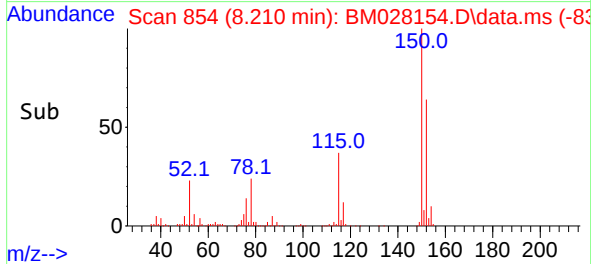




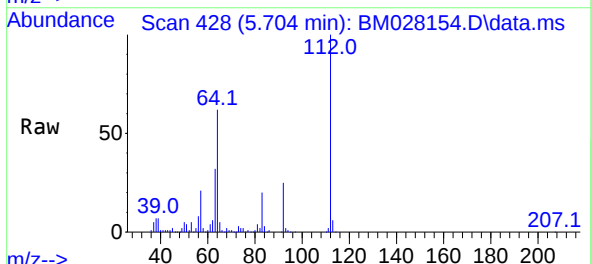
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.210 min Scan# 854
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



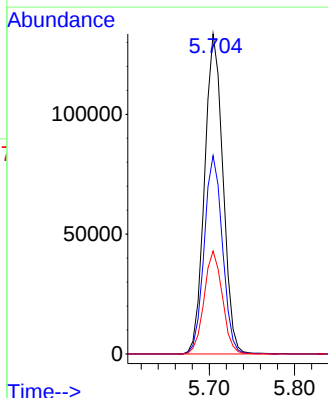
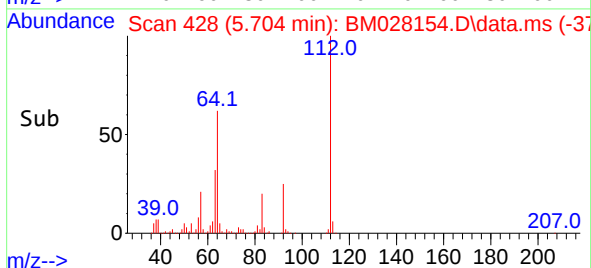
Tgt Ion:152 Resp: 178742
Ion Ratio Lower Upper
152 100
150 155.5 120.6 181.0
115 57.8 47.2 70.8



#5
2-Fluorophenol
Concen: 18.42 ng
RT: 5.704 min Scan# 428
Delta R.T. -0.007 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



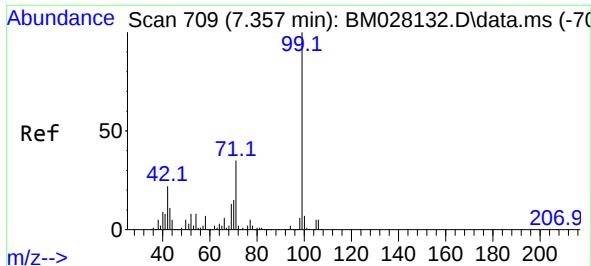
Tgt Ion:112 Resp: 199831
Ion Ratio Lower Upper
112 100
64 61.9 50.6 76.0
63 32.2 31.0 46.6



Instrument :
BNA_M
ClientSampled :
SS1

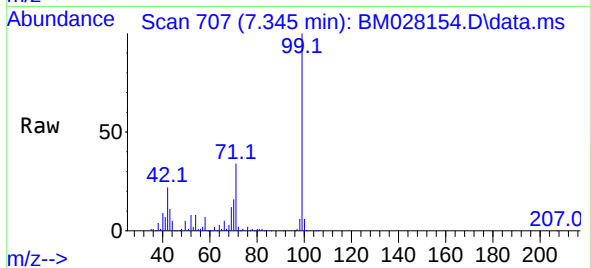
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#7
Phenol-d6
Concen: 17.76 ng
RT: 7.345 min Scan# 707
Delta R.T. -0.012 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

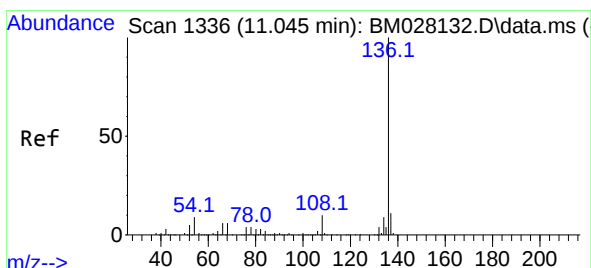
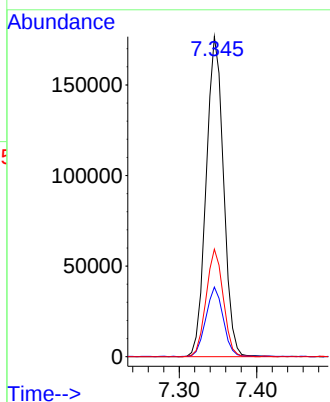
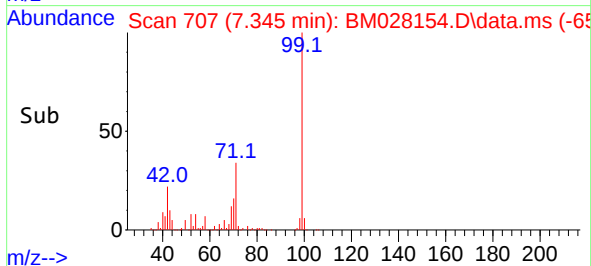
Instrument :
BNA_M
ClientSampled :
SS1



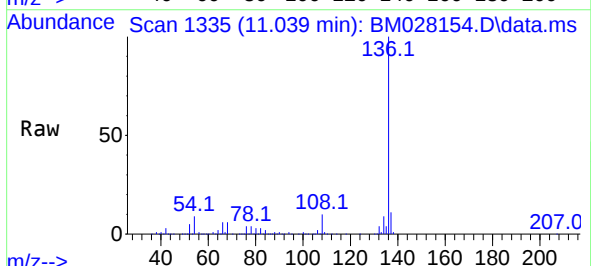
Tgt Ion: 99 Resp: 275034
Ion Ratio Lower Upper
99 100
42 21.8 13.5 20.3#
71 33.6 39.4 59.0#

Manual Integrations
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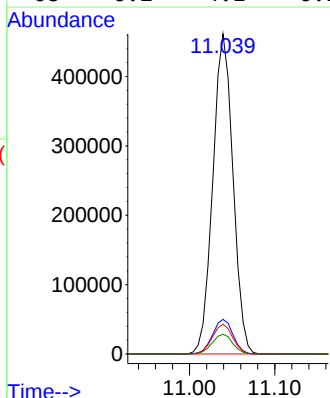
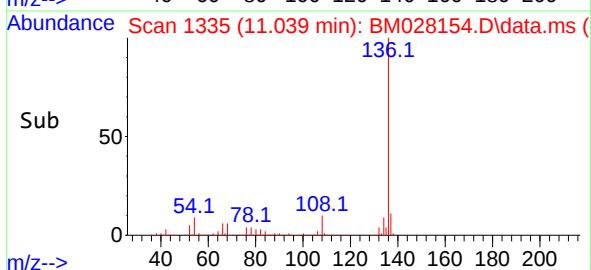
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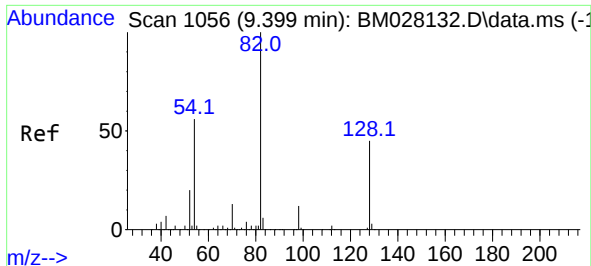


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.039 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

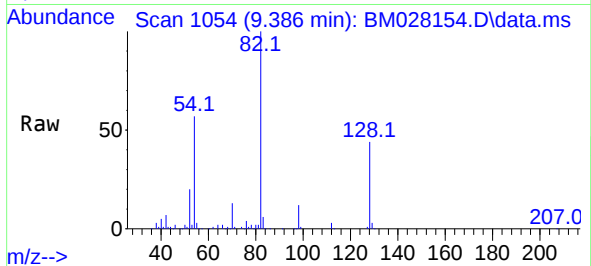


Tgt Ion: 136 Resp: 756946
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.3 4.6 7.0#
68 6.2 4.1 6.1#

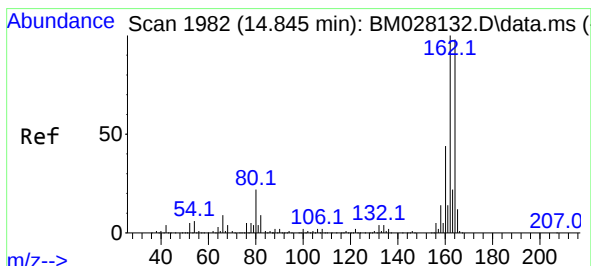
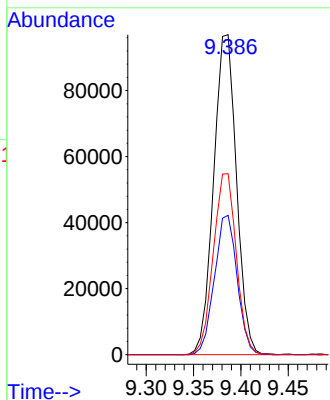
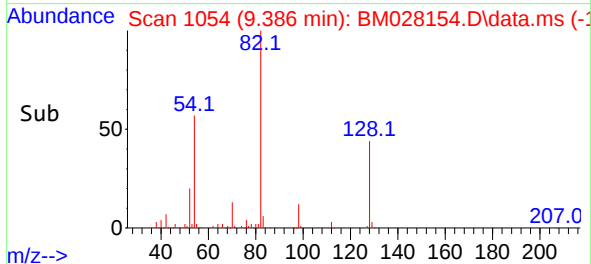




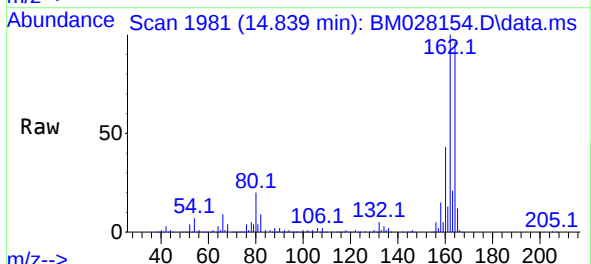
#23
Nitrobenzene-d5
Concen: 10.68 ng
RT: 9.386 min Scan# 1054
Delta R.T. -0.013 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



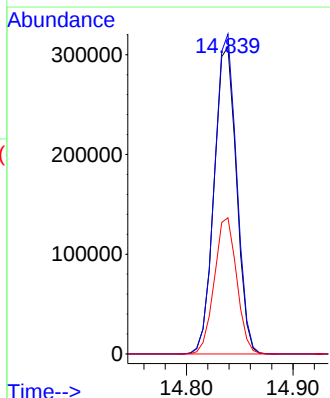
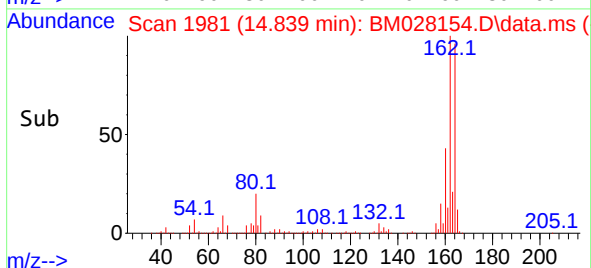
Tgt Ion: 82 Resp: 162874
Ion Ratio Lower Upper
82 100
128 43.5 27.4 41.0#
54 56.5 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.839 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



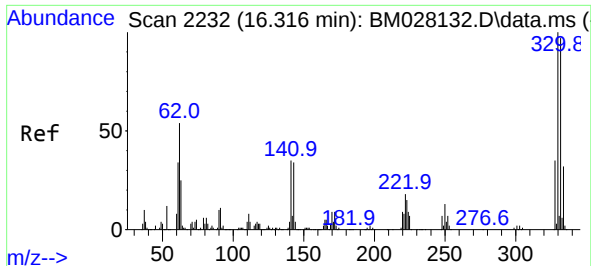
Tgt Ion: 164 Resp: 448451
Ion Ratio Lower Upper
164 100
162 104.2 80.4 120.6
160 44.4 35.9 53.9



Instrument :
BNA_M
ClientSampled :
SS1

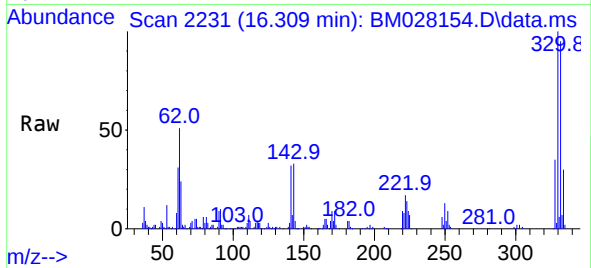
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#42
2,4,6-Tribromophenol
Concen: 16.98 ng
RT: 16.309 min Scan# 2231
Delta R.T. -0.007 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

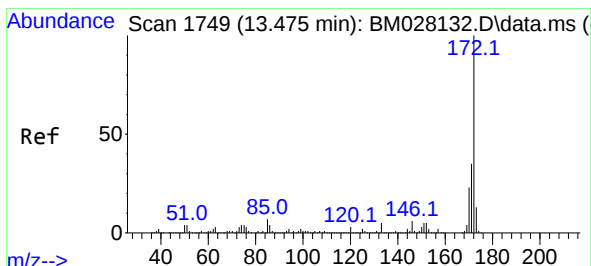
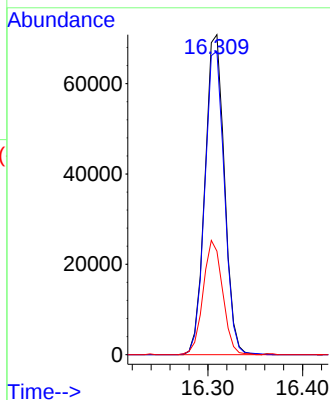
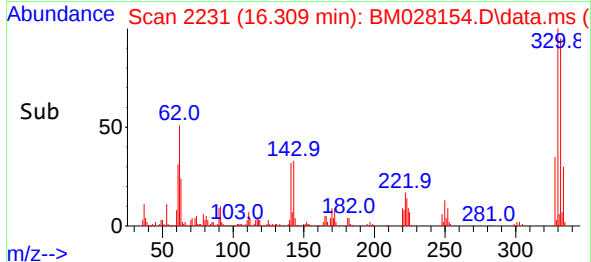
Instrument :
BNA_M
ClientSampled :
SS1



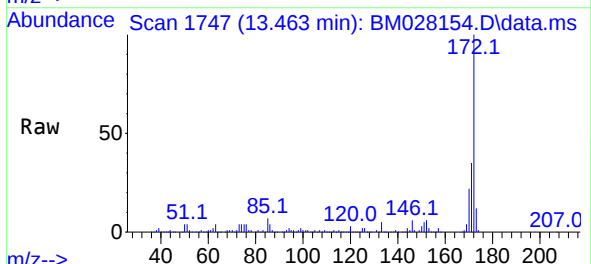
Tgt Ion:330 Resp: 101102
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.8
141 35.7 28.4 42.6

Manual Integrations
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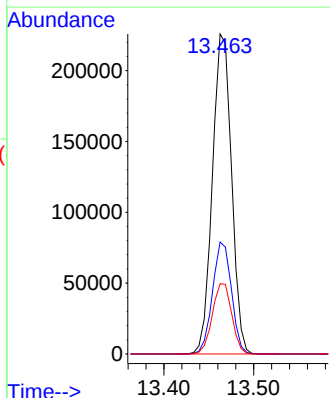
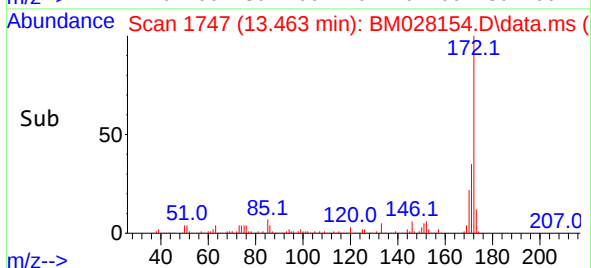
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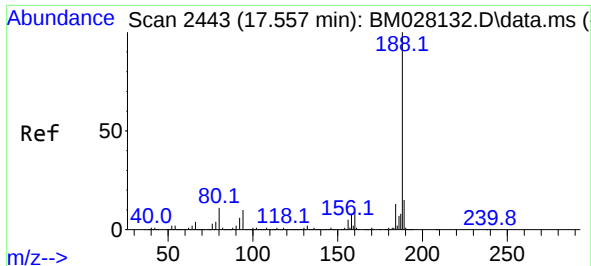


#45
2-Fluorobiphenyl
Concen: 9.69 ng
RT: 13.463 min Scan# 1747
Delta R.T. -0.012 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



Tgt Ion:172 Resp: 334320
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 21.9 18.6 27.8





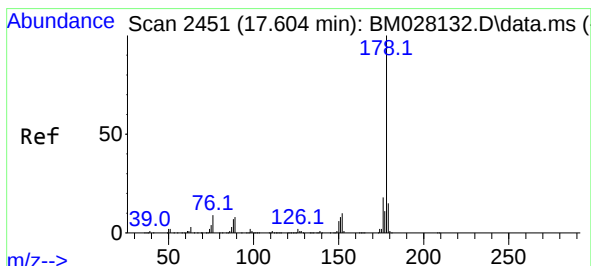
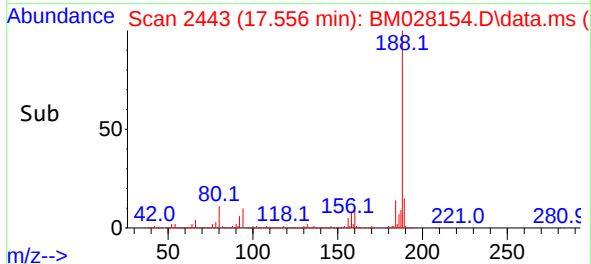
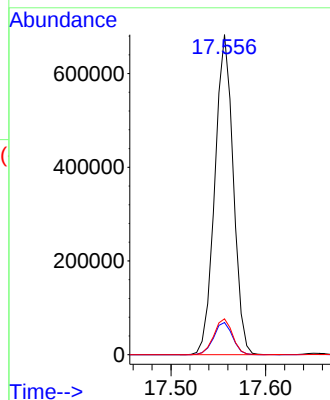
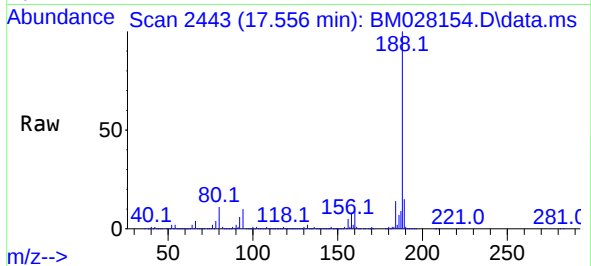
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.556 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:188 Resp: 923334
Ion Ratio Lower Upper
188 100
94 10.0 6.2 9.4#
80 11.2 7.5 11.3

Instrument :
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ClientSampleId :
SS1

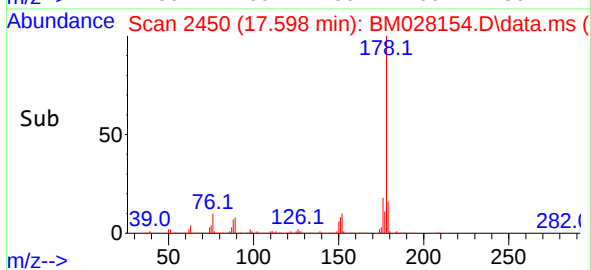
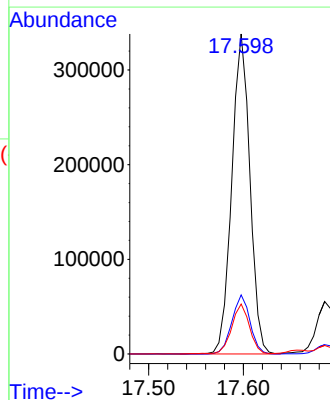
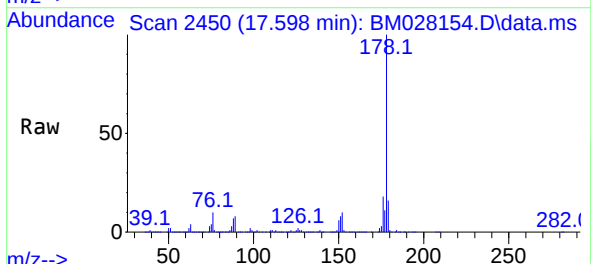
Manual Integrations
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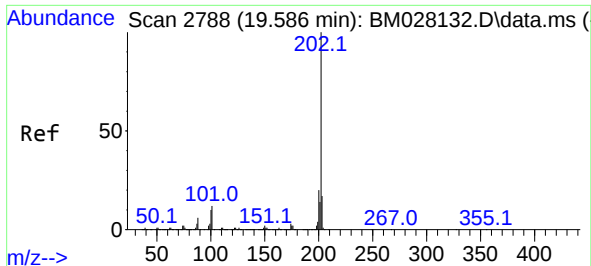
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#71
Phenanthrene
Concen: 8.01 ng
RT: 17.598 min Scan# 2450
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:178 Resp: 449012
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 15.6 12.2 18.4





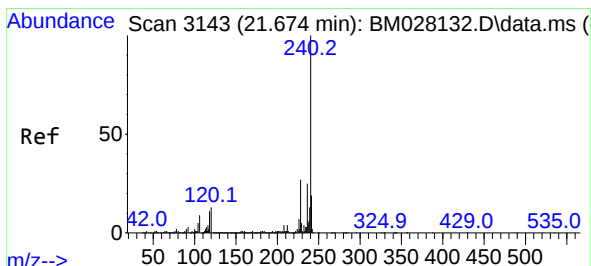
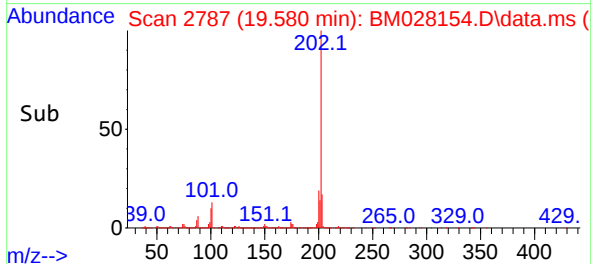
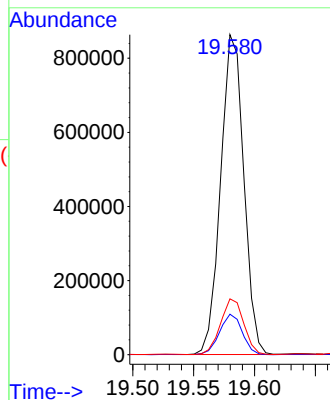
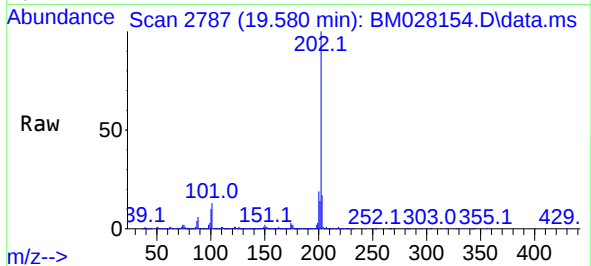
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Fluoranthene
Concen: 18.17 ng
RT: 19.580 min Scan# 2787
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:202 Resp: 1141089
Ion Ratio Lower Upper
202 100
101 12.6 0.0 28.5
203 17.4 0.0 37.3

Instrument :
BNA_M
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SS1

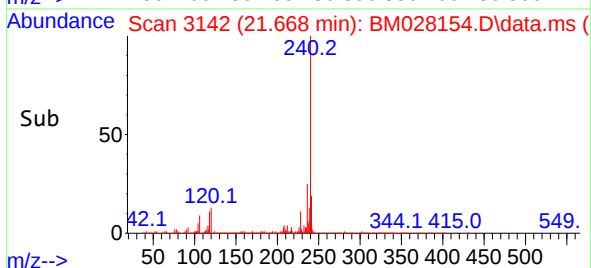
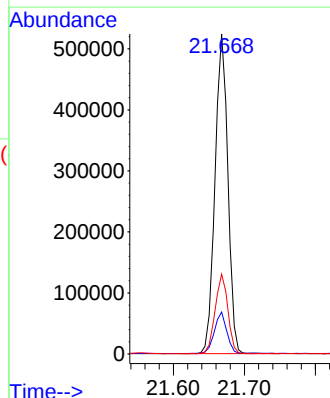
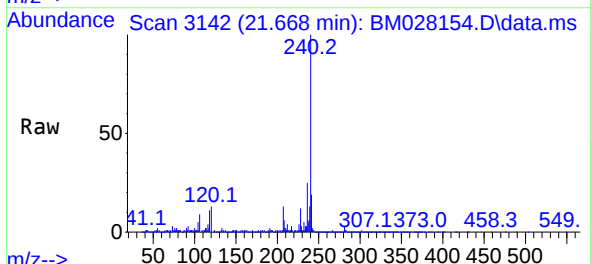
Manual Integrations
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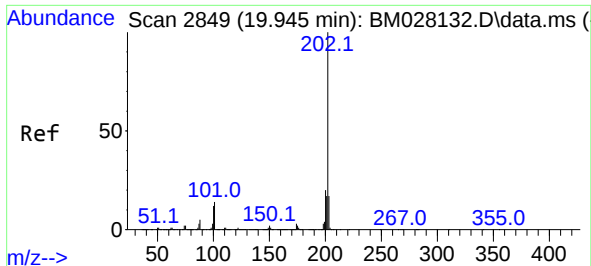
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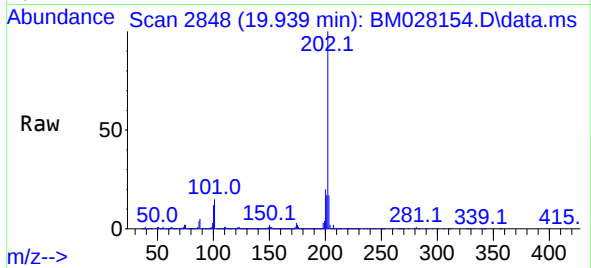
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.668 min Scan# 3142
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:240 Resp: 657103
Ion Ratio Lower Upper
240 100
120 13.1 6.4 9.6#
236 25.0 20.1 30.1

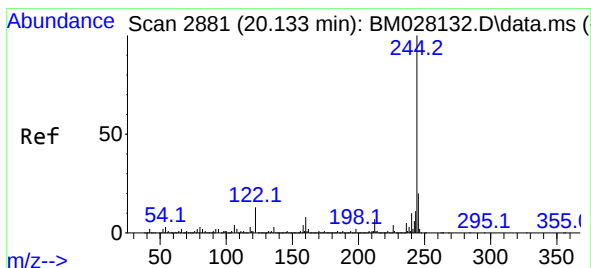
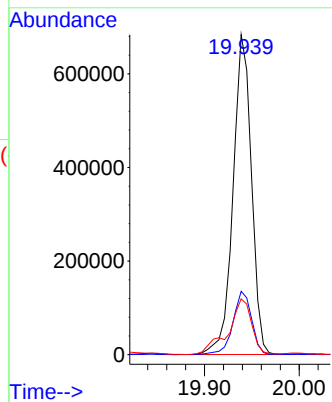
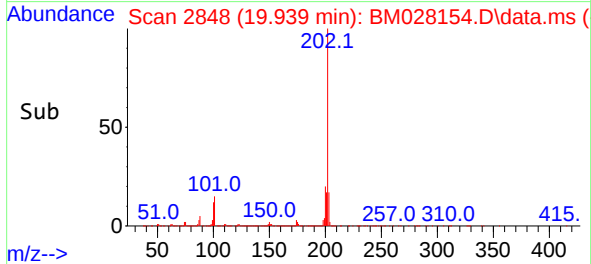




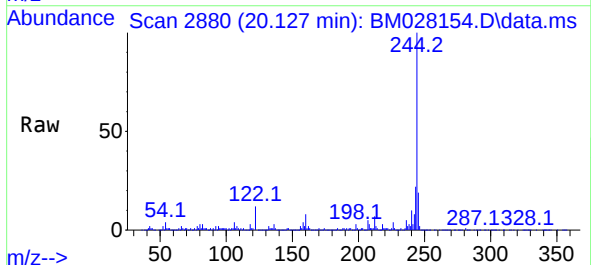
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Pyrene
Concen: 19.39 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



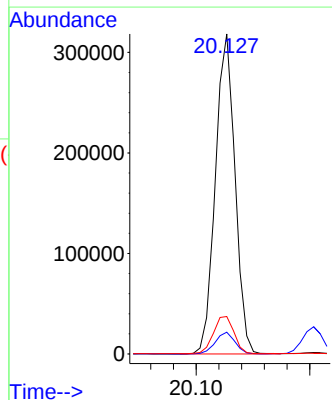
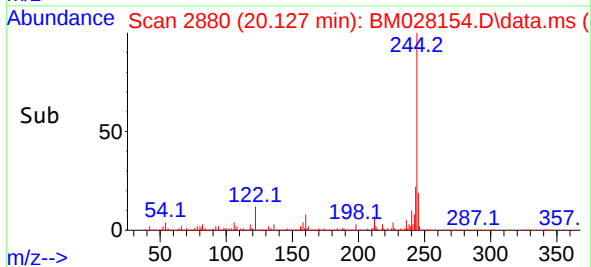
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Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 17.5 13.8 20.6



#79
Terphenyl-d14
Concen: 10.56 ng
RT: 20.127 min Scan# 2880
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



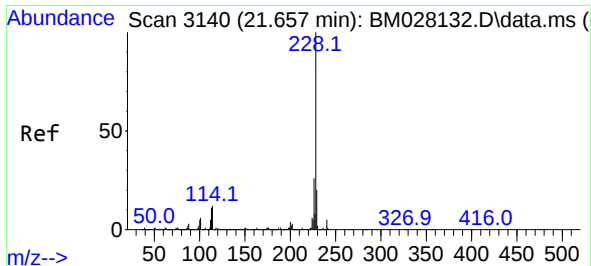
Tgt Ion:244 Resp: 382414
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 11.7 6.5 9.7#



Instrument :
BNA_M
ClientSampled :
SS1

Manual Integrations
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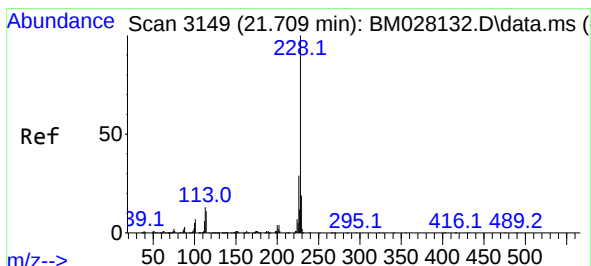
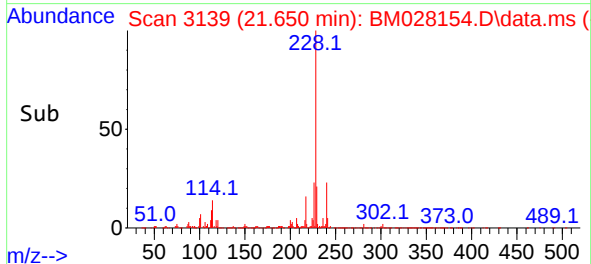
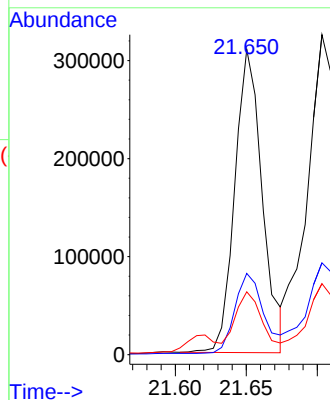
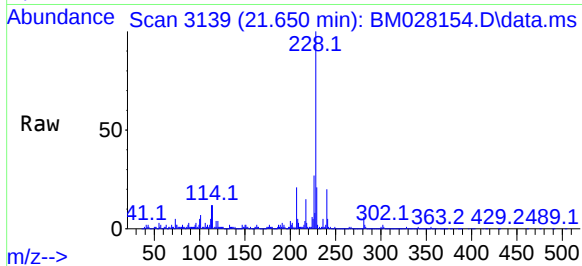
#81
Benzo(a)anthracene
Concen: 9.33 ng
RT: 21.650 min Scan# 3139
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:228 Resp: 417451
Ion Ratio Lower Upper
228 100
226 26.6 21.1 31.7
229 20.6 15.7 23.5

Instrument :
BNA_M
ClientSampled :
SS1

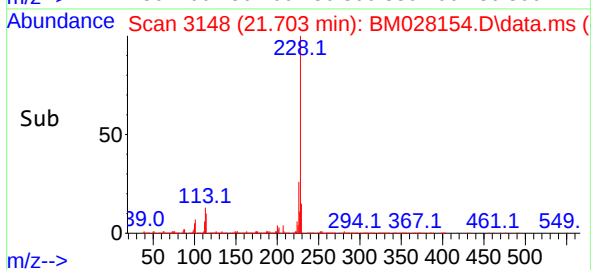
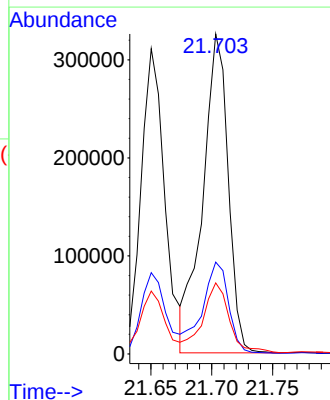
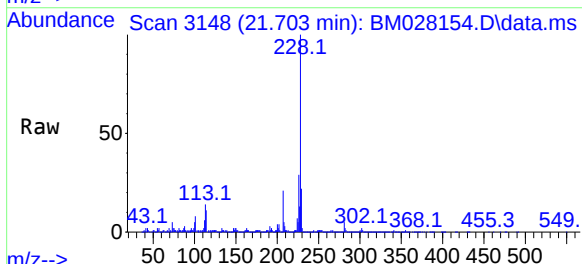
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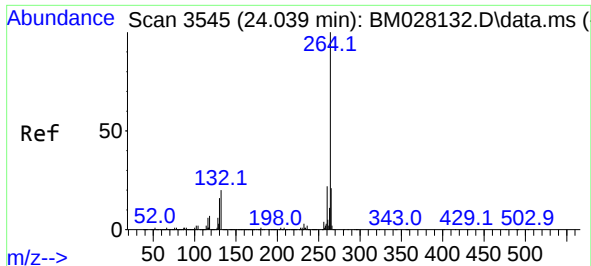
mohammad
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#83
Chrysene
Concen: 10.94 ng
RT: 21.703 min Scan# 3148
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

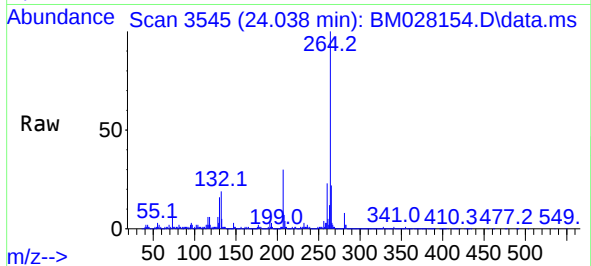
Tgt Ion:228 Resp: 474224
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.0
229 22.2 15.7 23.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 24.038 min Scan# 3545
Delta R.T. -0.000 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Instrument :
BNA_M
ClientSampled :
SS1

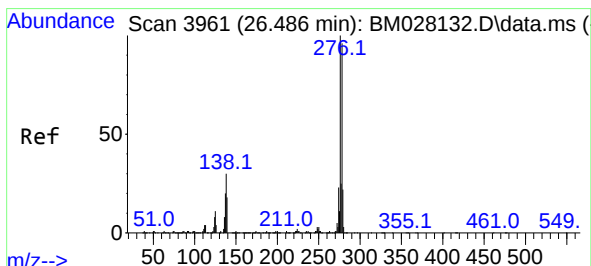
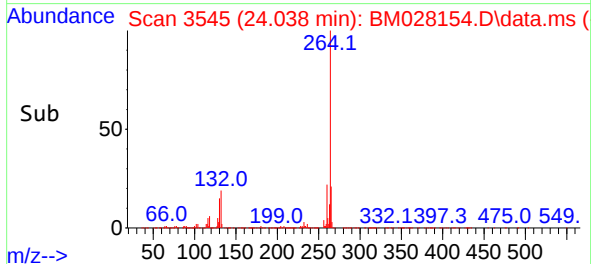
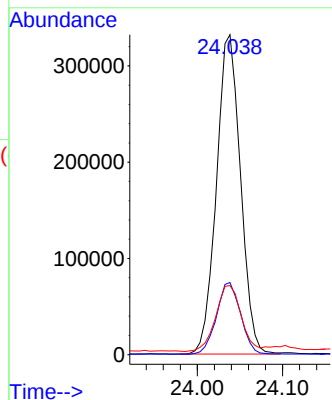


Tgt Ion:264 Resp: 652708

Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.0	28.4
265	21.6	17.7	26.5

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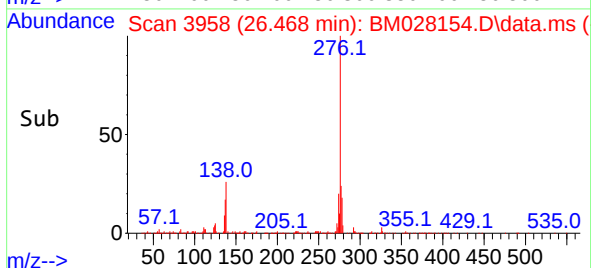
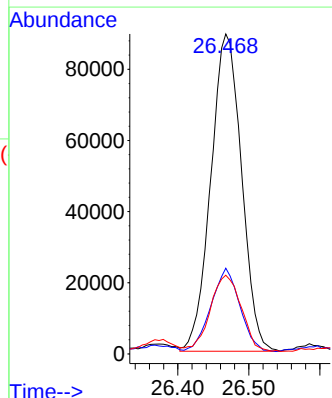
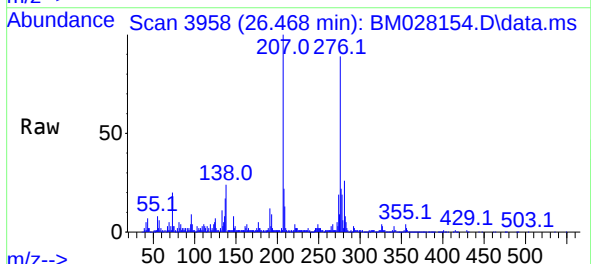
mohammad
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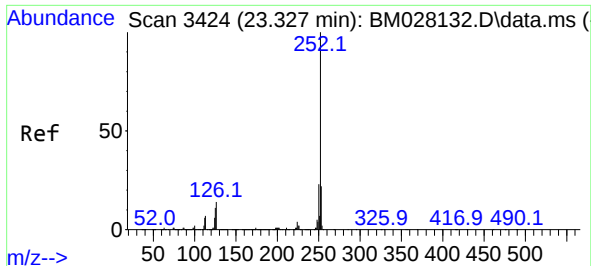


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.17 ng
RT: 26.468 min Scan# 3958
Delta R.T. -0.018 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:276 Resp: 267704

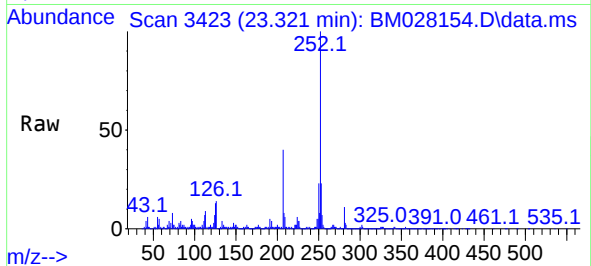
Ion	Ratio	Lower	Upper
276	100		
138	24.8	14.2	21.4#
277	24.0	19.8	29.8





#88
Benzo(b)fluoranthene
Concen: 13.11 ng
RT: 23.321 min Scan# 3423
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

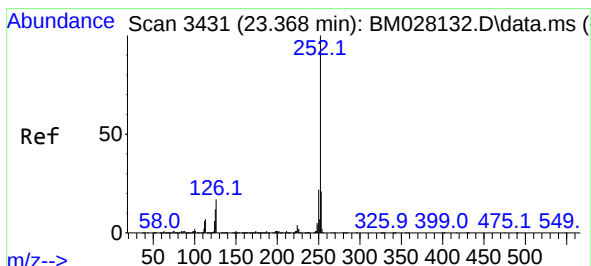
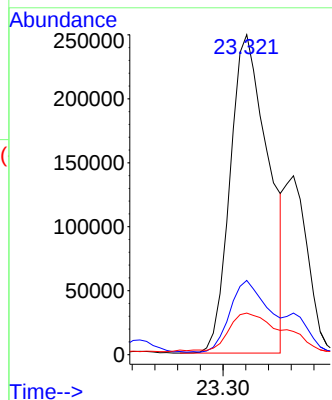
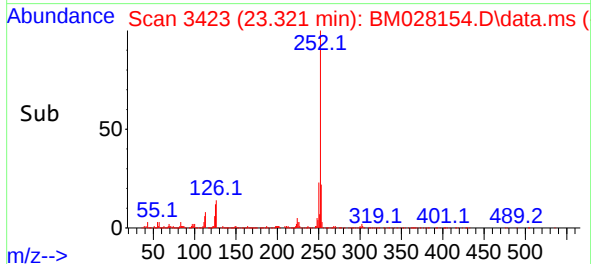
Instrument :
BNA_M
ClientSampled :
SS1



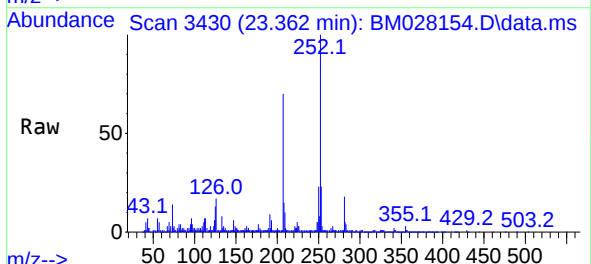
Tgt Ion:252 Resp: 582909
Ion Ratio Lower Upper
252 100
253 23.2 17.4 26.0
125 13.0 5.7 8.5#

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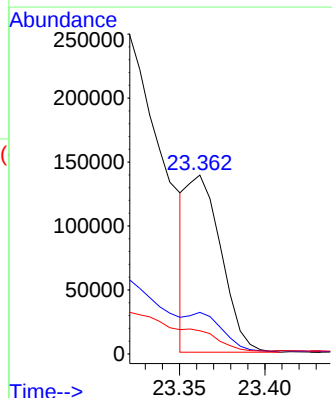
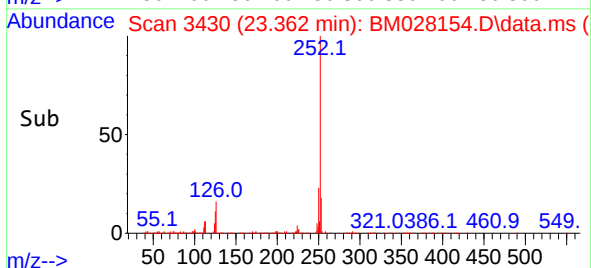
mohammad
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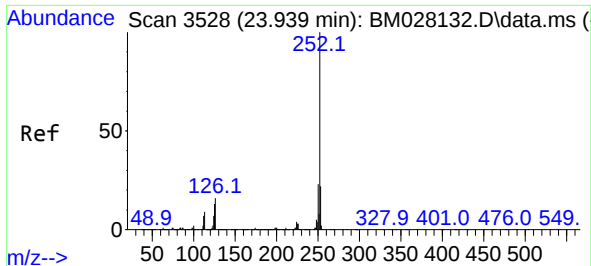


#89
Benzo(k)fluoranthene
Concen: 4.45 ng m
RT: 23.362 min Scan# 3430
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58



Tgt Ion:252 Resp: 192379
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 13.0 5.6 8.4#





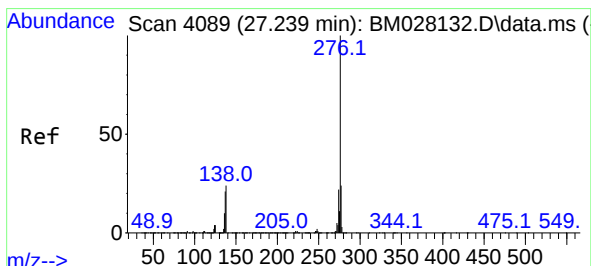
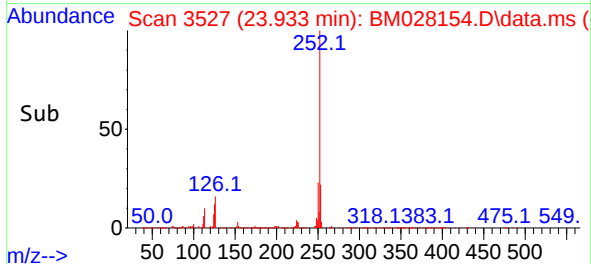
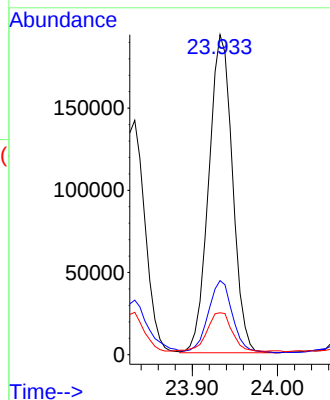
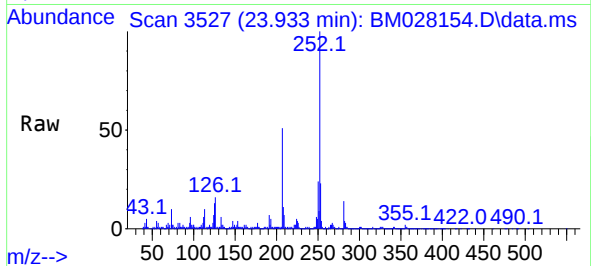
#90
Benzo(a)pyrene
Concen: 9.36 ng
RT: 23.933 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:252 Resp: 373681
Ion Ratio Lower Upper
252 100
253 23.1 17.4 26.2
125 13.1 6.6 9.8#

Instrument :
BNA_M
ClientSampled :
SS1

Manual Integrations
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mohammad
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#92
Benzo(g,h,i)perylene
Concen: 7.06 ng
RT: 27.221 min Scan# 4086
Delta R.T. -0.018 min
Lab File: BM028154.D
Acq: 17 Dec 2020 22:58

Tgt Ion:276 Resp: 244105
Ion Ratio Lower Upper
276 100
277 21.9 18.6 28.0
138 24.0 12.2 18.2#

