

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
 Data File : BM028251.D
 Acq On : 23 Dec 2020 14:53
 Operator : JU/CG
 Sample : L5190-01 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 OK-01-122220

Quant Time: Dec 23 16:03:06 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 23 12:17:02 2020
 Response via : Initial Calibration

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

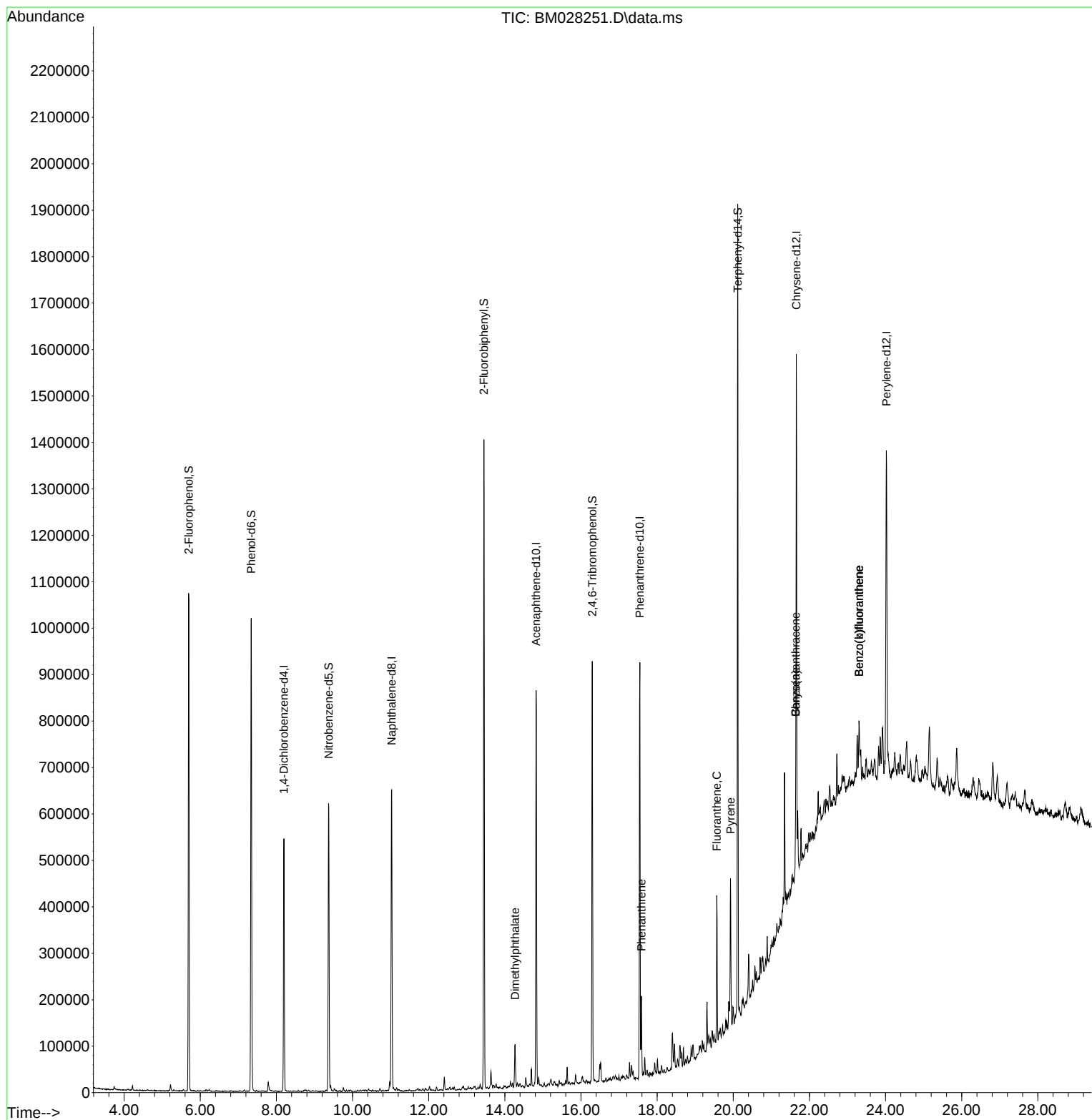
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.198	152	146070	20.00	ng	0.00
21) Naphthalene-d8	11.027	136	547977	20.00	ng	# 0.00
39) Acenaphthene-d10	14.821	164	275486	20.00	ng	0.00
64) Phenanthrene-d10	17.545	188	513717	20.00	ng	# 0.00
76) Chrysene-d12	21.656	240	474435	20.00	ng	# 0.00
86) Perylene-d12	24.021	264	492580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	452363	51.03	ng	0.00
7) Phenol-d6	7.339	99	568906	44.95	ng	0.00
23) Nitrobenzene-d5	9.369	82	343556	31.11	ng	0.00
42) 2,4,6-Tribromophenol	16.298	330	161889	44.27	ng	0.00
45) 2-Fluorobiphenyl	13.451	172	688787	32.50	ng	0.00
79) Terphenyl-d14	20.115	244	714427	27.32	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	14.268	163	52180	2.28	ng	# 98
71) Phenanthrene	17.586	178	95149	3.05	ng	100
75) Fluoranthene	19.568	202	172653	4.94	ng	95
78) Pyrene	19.927	202	174883	5.09	ng	99
81) Benzo(a)anthracene	21.638	228	67989	2.10	ng	95
83) Chrysene	21.638	228	67989	2.17	ng	95
88) Benzo(b)fluoranthene	23.303	252	105293	3.14	ng	# 77
89) Benzo(k)fluoranthene	23.303	252	105293	3.23	ng	# 77

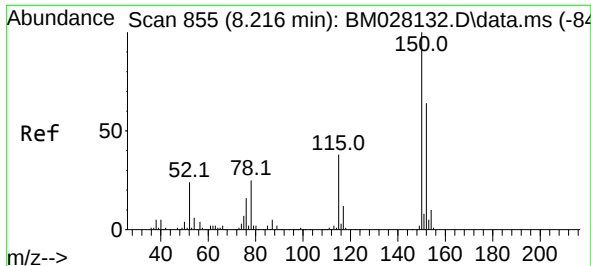
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
Data File : BM028251.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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Quant Time: Dec 23 16:03:06 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 23 12:17:02 2020
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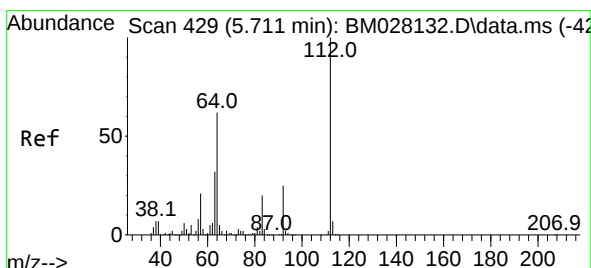
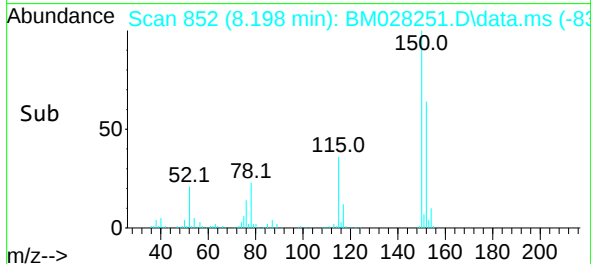
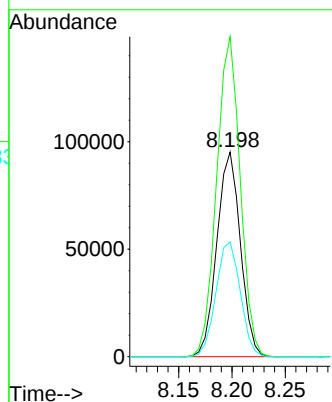
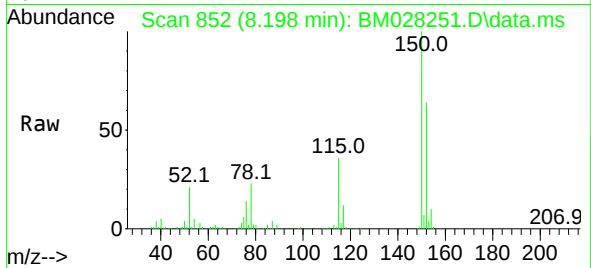




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.198 min Scan# 852
Delta R.T. 0.000 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

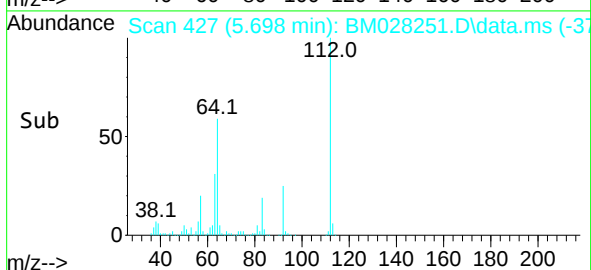
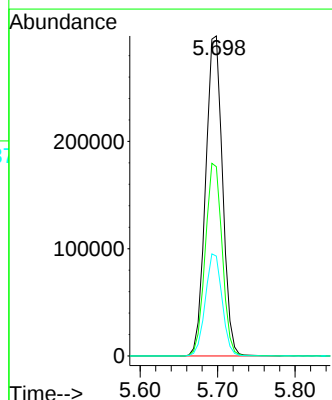
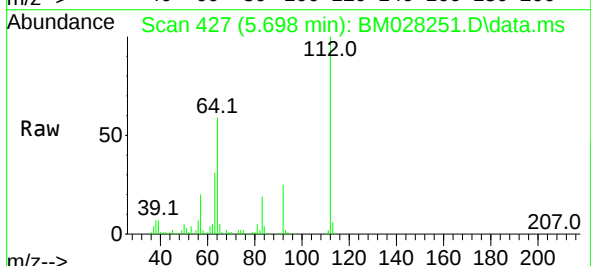
Instrument :
BNA_M
ClientSampleId :
OK-01-122220

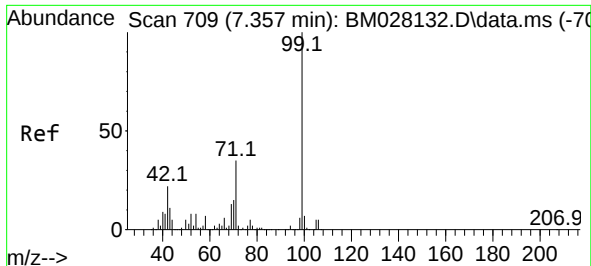
Tgt Ion:152 Resp: 146070
Ion Ratio Lower Upper
152 100
150 156.4 120.6 181.0
115 56.2 47.2 70.8



#5
2-Fluorophenol
Concen: 51.03 ng
RT: 5.698 min Scan# 427
Delta R.T. 0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Tgt Ion:112 Resp: 452363
Ion Ratio Lower Upper
112 100
64 59.2 50.6 76.0
63 31.2 31.0 46.6

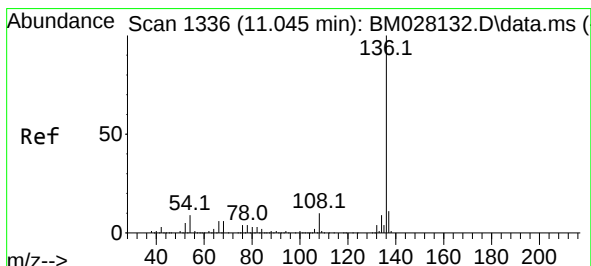
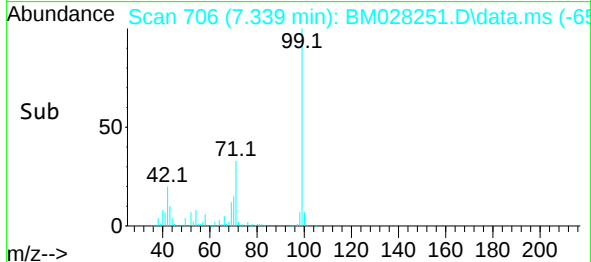
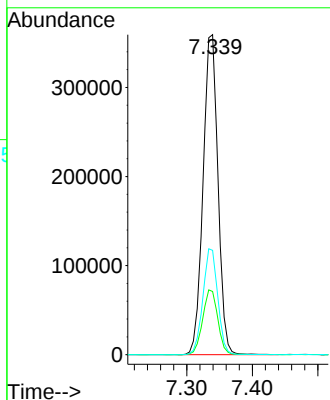
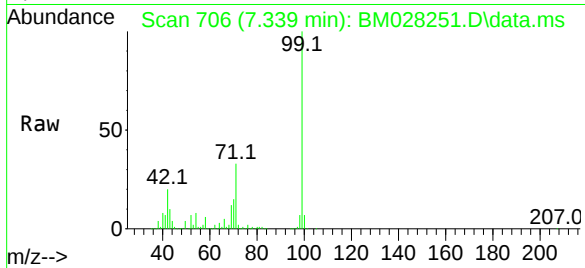




#7
Phenol-d6
Concen: 44.95 ng
RT: 7.339 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

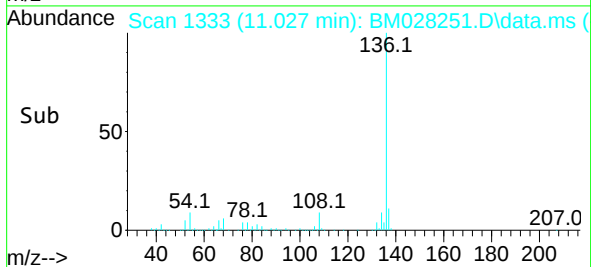
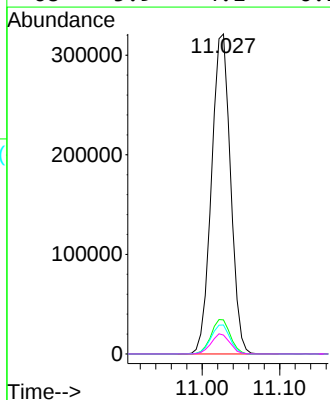
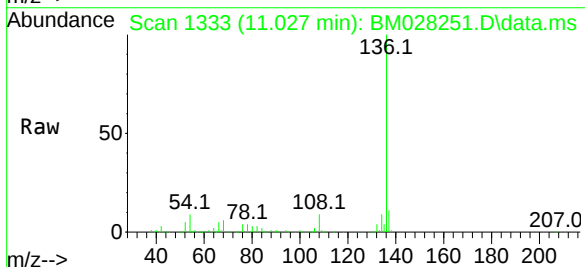
Instrument :
BNA_M
ClientSampleId :
OK-01-122220

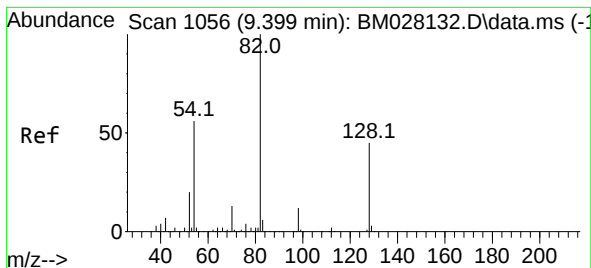
Tgt Ion: 99 Resp: 568906
Ion Ratio Lower Upper
99 100
42 19.8 13.5 20.3
71 32.6 39.4 59.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.027 min Scan# 1333
Delta R.T. -0.000 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Tgt Ion:136 Resp: 547977
Ion Ratio Lower Upper
136 100
137 10.6 8.6 12.8
54 9.0 4.6 7.0#
68 5.9 4.1 6.1

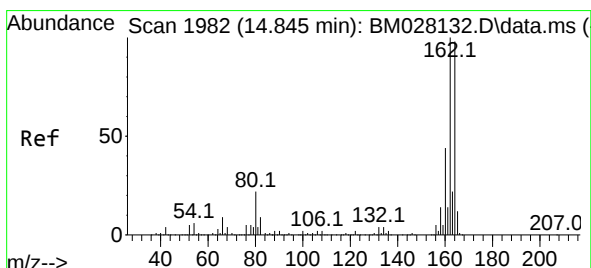
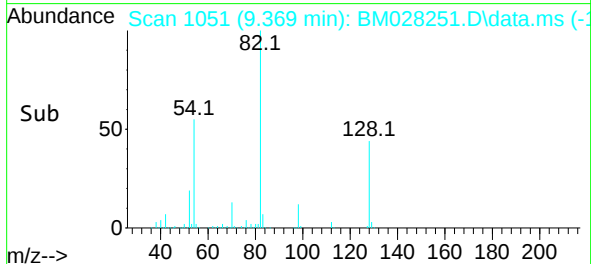
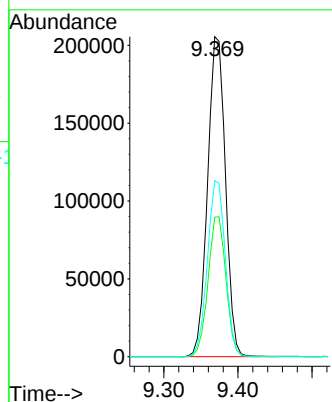
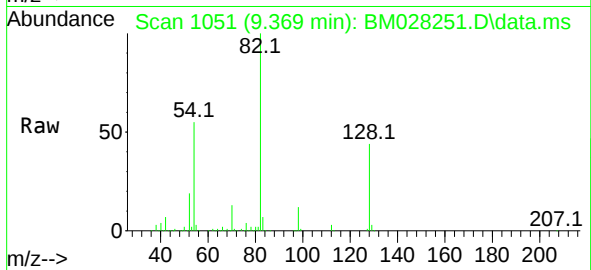




#23
Nitrobenzene-d5
Concen: 31.11 ng
RT: 9.369 min Scan# 1051
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

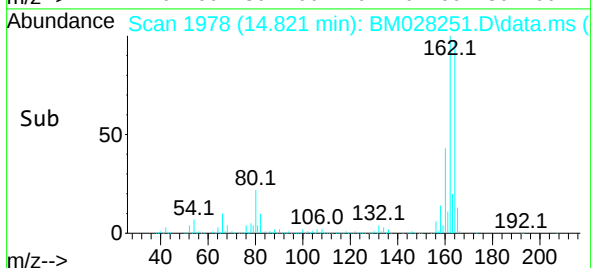
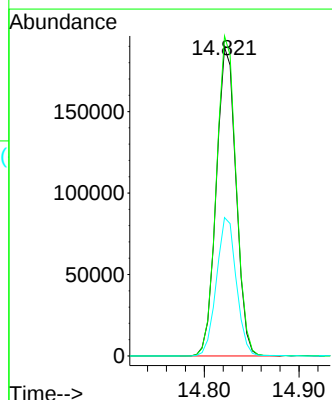
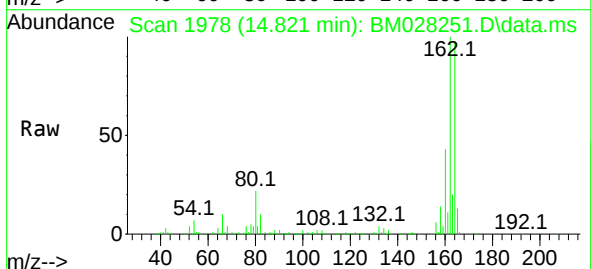
Instrument :
BNA_M
ClientSampleId :
OK-01-122220

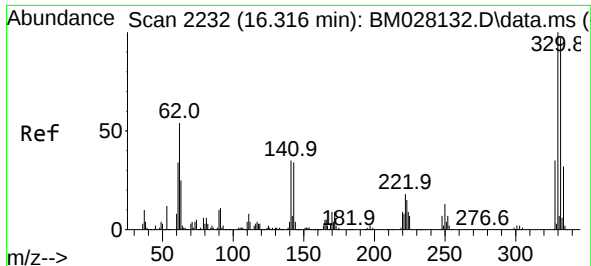
Tgt Ion: 82 Resp: 343556
Ion Ratio Lower Upper
82 100
128 43.6 27.4 41.0#
54 55.0 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.821 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

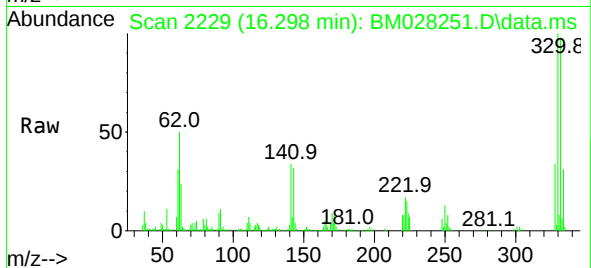
Tgt Ion: 164 Resp: 275486
Ion Ratio Lower Upper
164 100
162 103.6 80.4 120.6
160 44.8 35.9 53.9



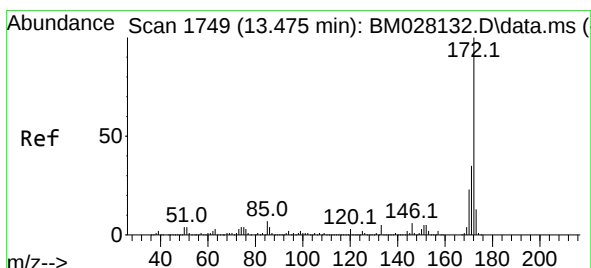
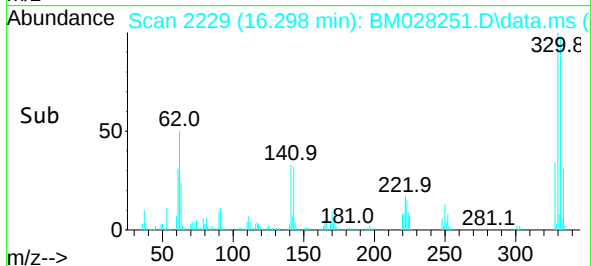
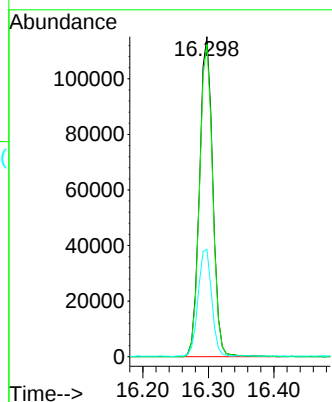


#42
2,4,6-Tribromophenol
Concen: 44.27 ng
RT: 16.298 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Instrument :
BNA_M
ClientSampleId :
OK-01-122220

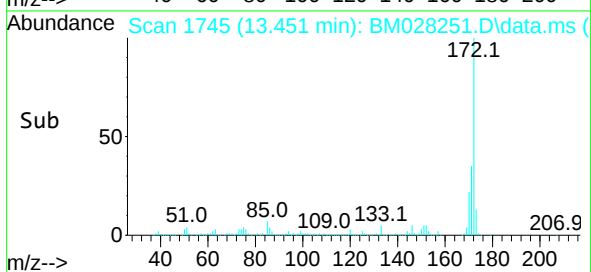
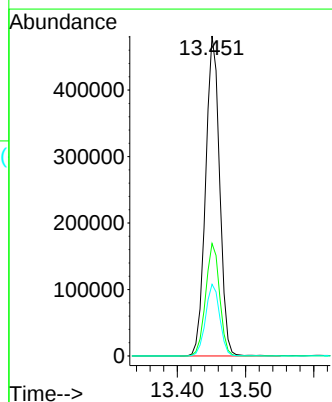
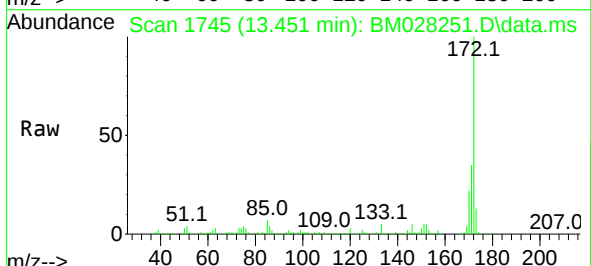


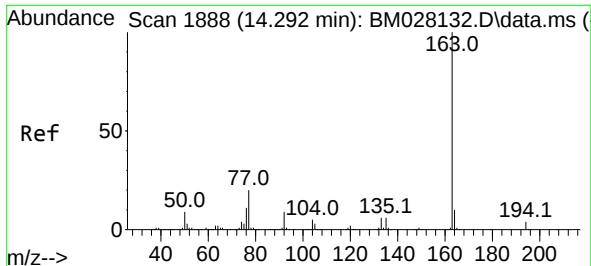
Tgt Ion:330 Resp: 161889
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 34.7 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 32.50 ng
RT: 13.451 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Tgt Ion:172 Resp: 688787
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 22.4 18.6 27.8

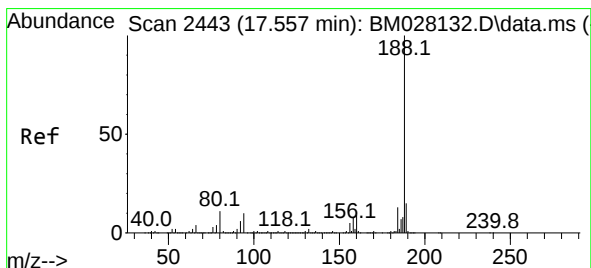
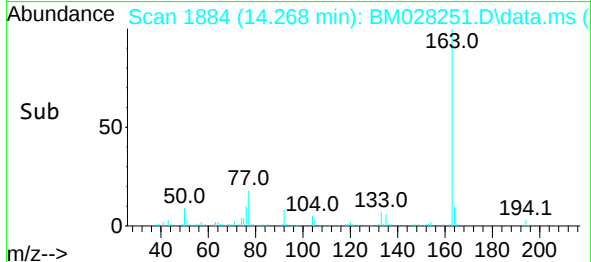
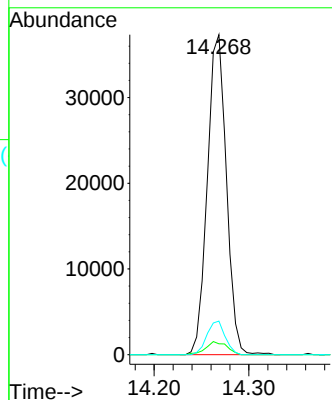
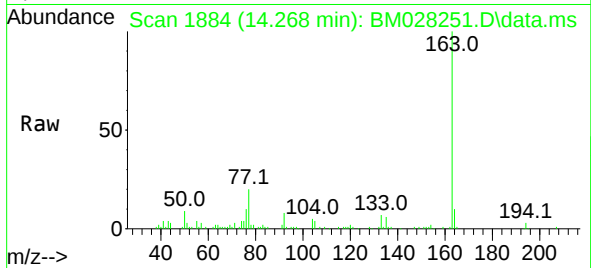




#50
Dimethylphthalate
Concen: 2.28 ng
RT: 14.268 min Scan# 1884
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

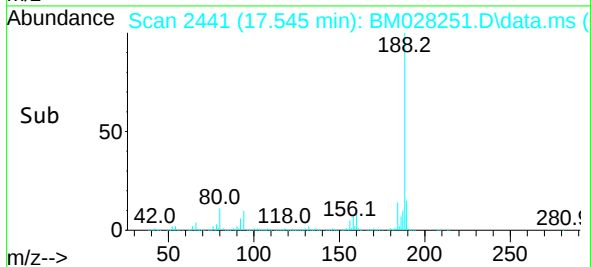
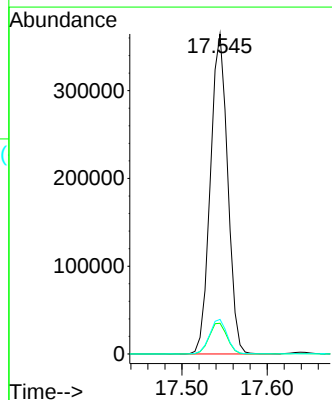
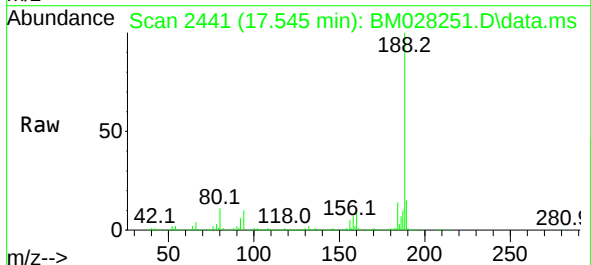
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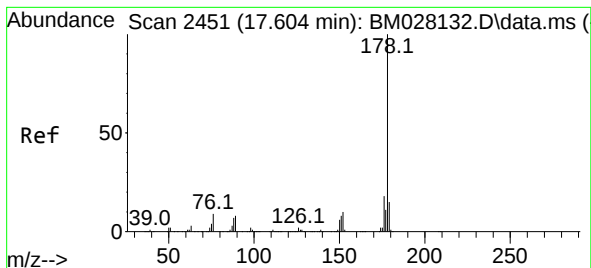
Tgt Ion:163 Resp: 52180
Ion Ratio Lower Upper
163 100
194 3.4 3.4 5.2#
164 10.5 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Tgt Ion:188 Resp: 513717
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.4#
80 10.8 7.5 11.3

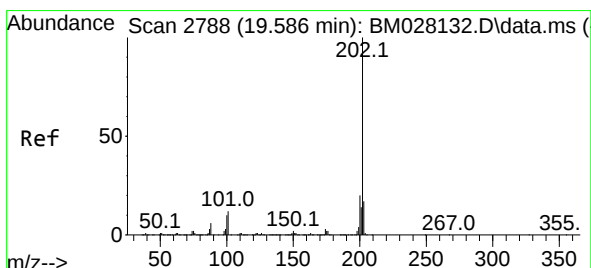
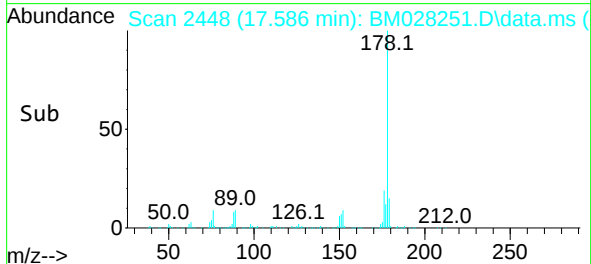
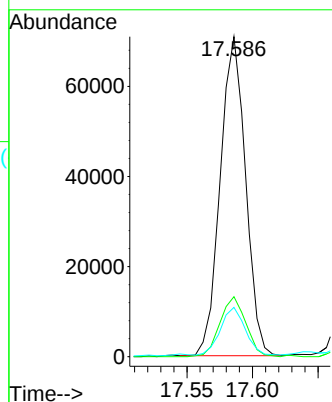
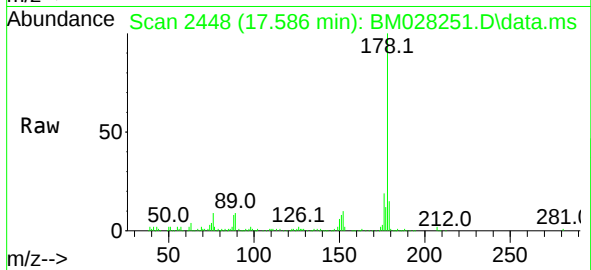




#71
Phenanthrene
Concen: 3.05 ng
RT: 17.586 min Scan# 2448
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

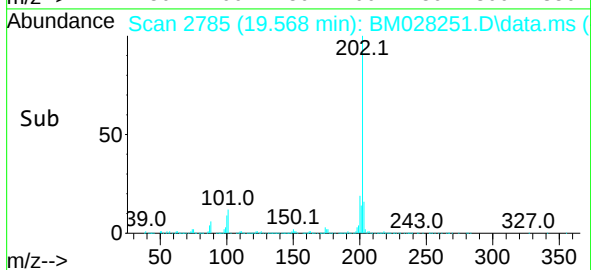
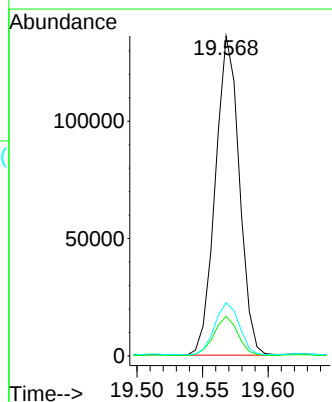
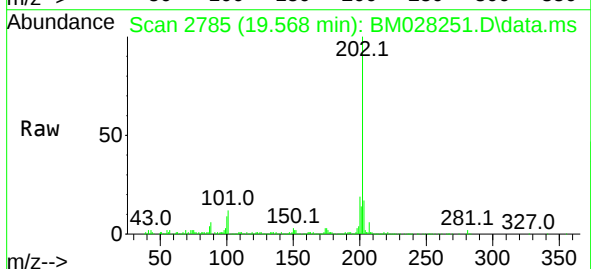
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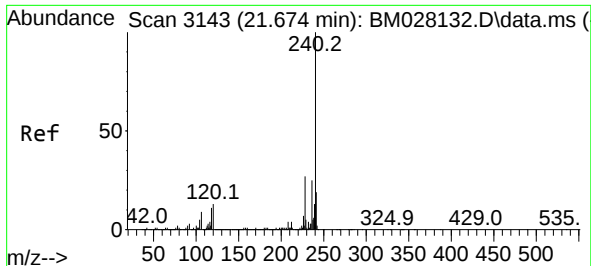
Tgt Ion:178 Resp: 95149
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.6
179 15.4 12.2 18.4



#75
Fluoranthene
Concen: 4.94 ng
RT: 19.568 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Tgt Ion:202 Resp: 172653
Ion Ratio Lower Upper
202 100
101 12.4 0.0 28.5
203 16.6 0.0 37.3

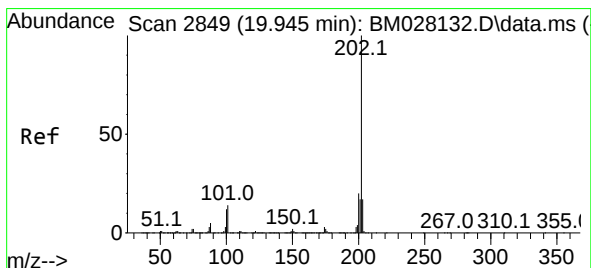
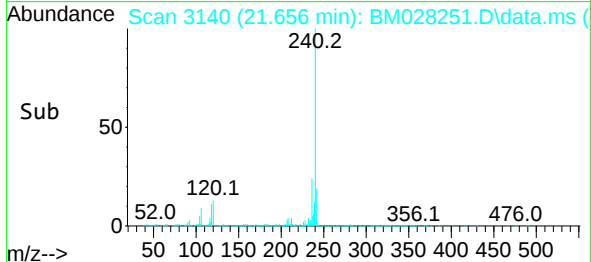
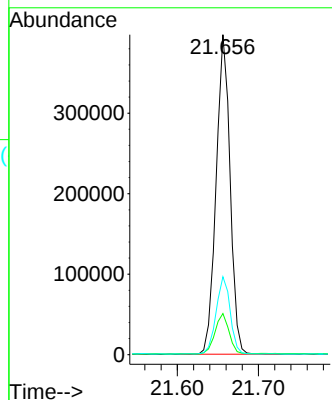
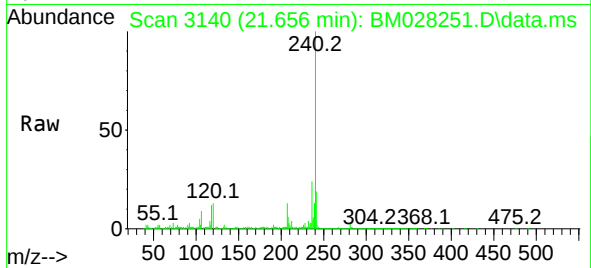




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.656 min Scan# 3140
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

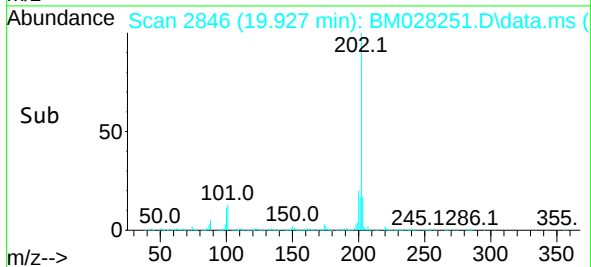
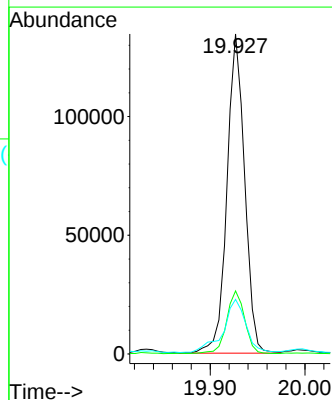
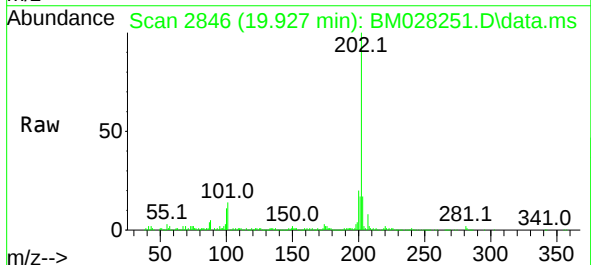
Instrument :
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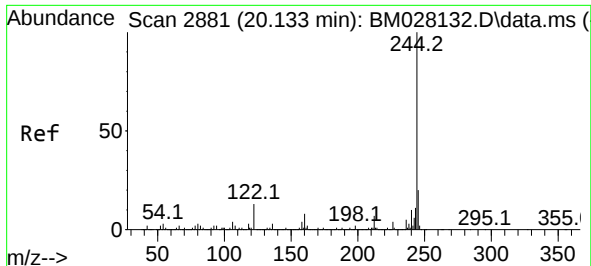
Tgt Ion:240 Resp: 474435
Ion Ratio Lower Upper
240 100
120 12.8 6.4 9.6#
236 24.4 20.1 30.1



#78
Pyrene
Concen: 5.09 ng
RT: 19.927 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Tgt Ion:202 Resp: 174883
Ion Ratio Lower Upper
202 100
200 19.7 16.6 24.8
203 17.1 13.8 20.6

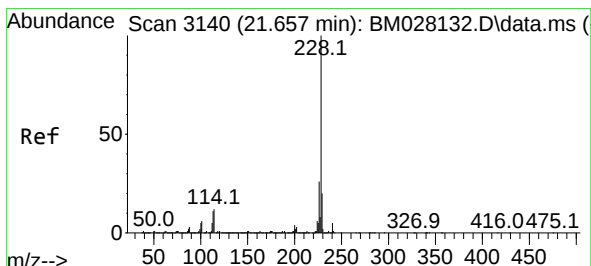
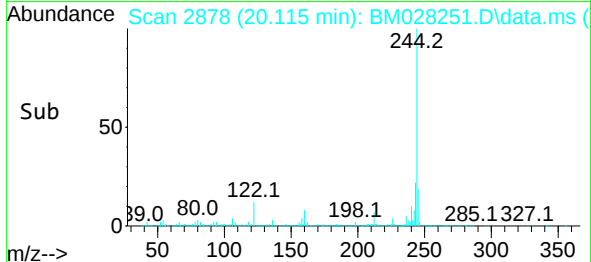
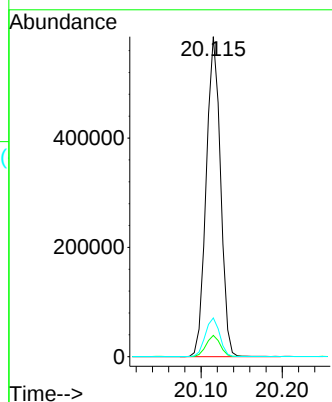
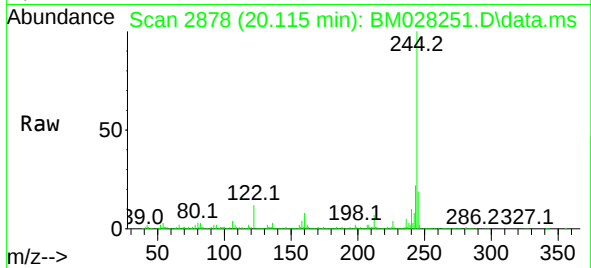




#79
 Terphenyl-d14
 Concen: 27.32 ng
 RT: 20.115 min Scan# 2878
 Delta R.T. -0.006 min
 Lab File: BM028251.D
 Acq: 23 Dec 2020 14:53

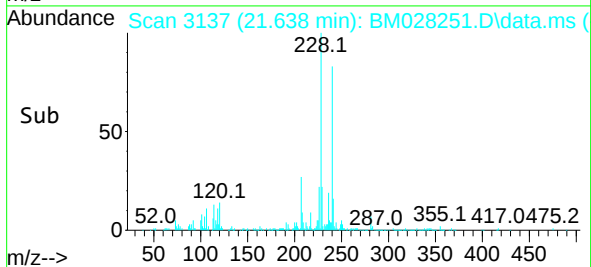
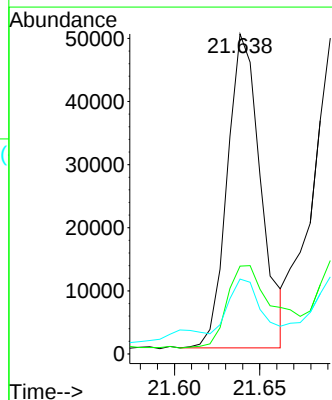
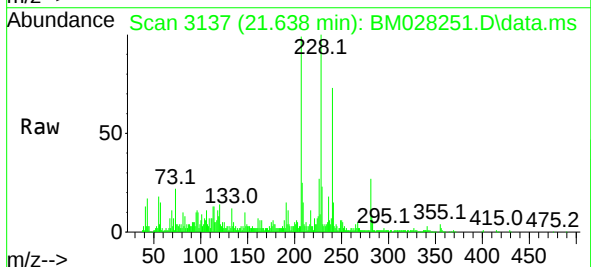
Instrument :
 BNA_M
 ClientSampleId :
 OK-01-122220

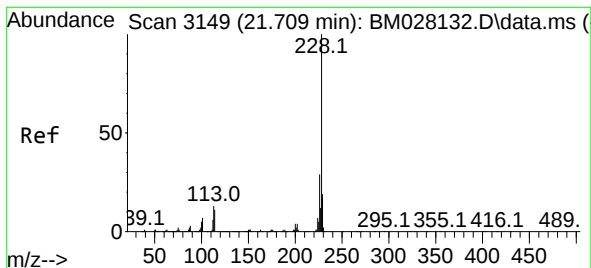
Tgt Ion:244 Resp: 714427
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.8
 122 12.1 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 2.10 ng
 RT: 21.638 min Scan# 3137
 Delta R.T. -0.006 min
 Lab File: BM028251.D
 Acq: 23 Dec 2020 14:53

Tgt Ion:228 Resp: 67989
 Ion Ratio Lower Upper
 228 100
 226 27.5 21.1 31.7
 229 23.4 15.7 23.5





#83

Chrysene

Concen: 2.17 ng

RT: 21.638 min Scan# 3137

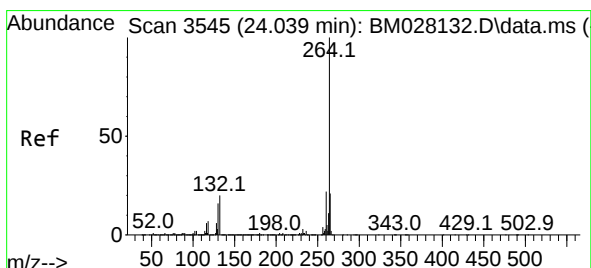
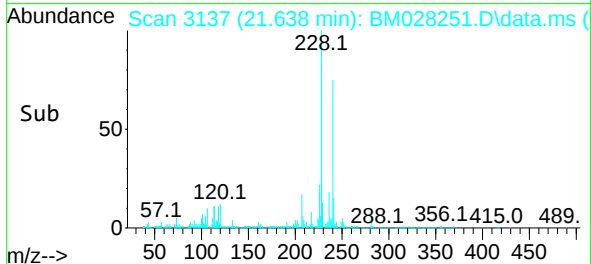
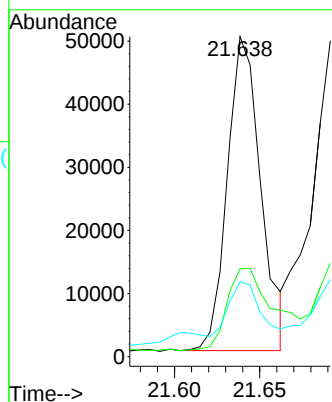
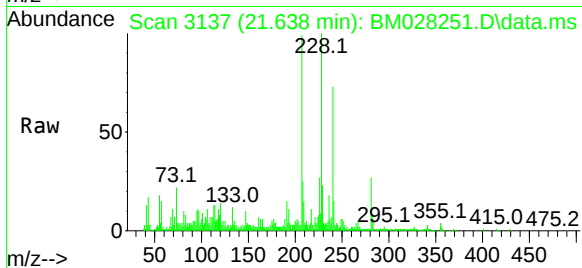
Delta R.T. -0.059 min

Lab File: BM028251.D

Acq: 23 Dec 2020 14:53

Tgt Ion:228 Resp: 67989

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	23.4	15.7	23.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 24.021 min Scan# 3542

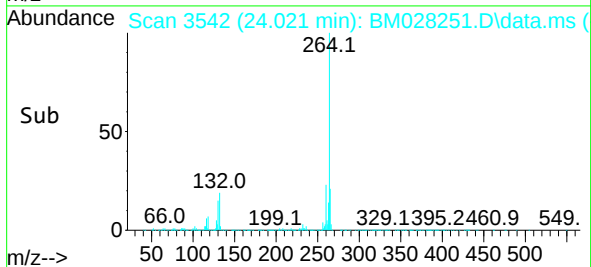
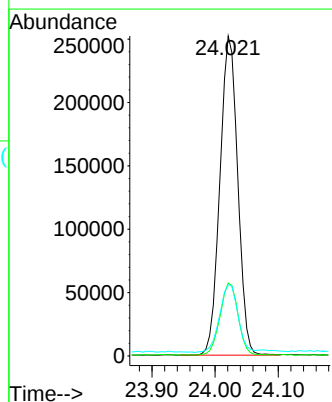
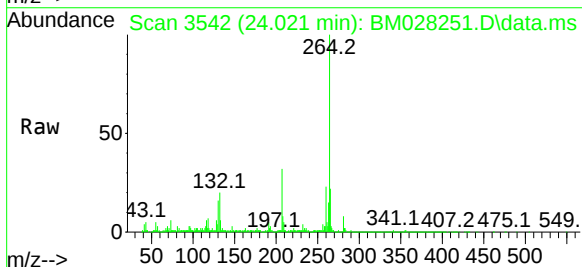
Delta R.T. -0.000 min

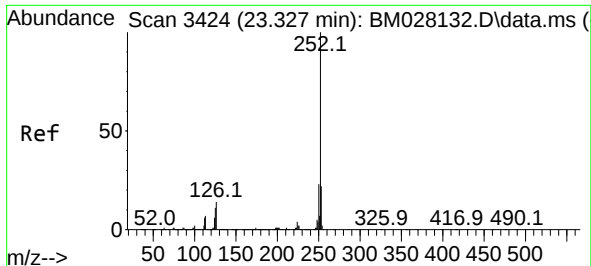
Lab File: BM028251.D

Acq: 23 Dec 2020 14:53

Tgt Ion:264 Resp: 492580

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.0	28.4
265	22.2	17.7	26.5

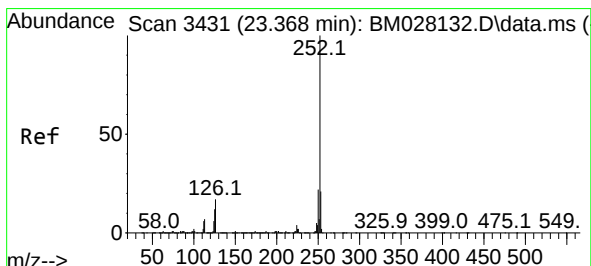
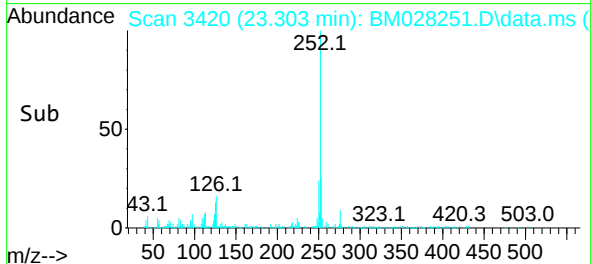
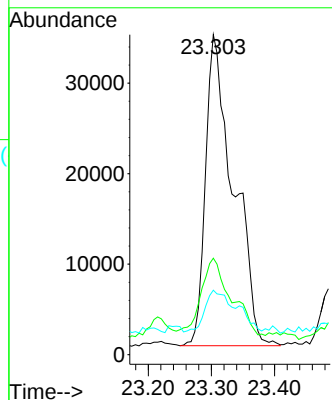
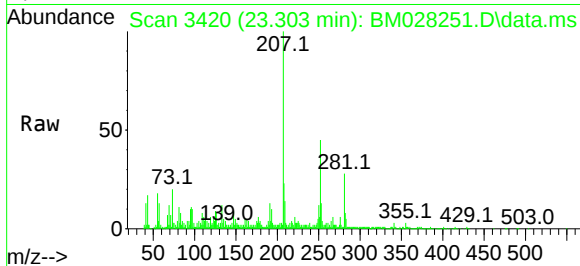




#88
Benzo(b)fluoranthene
Concen: 3.14 ng
RT: 23.303 min Scan# 3420
Delta R.T. -0.006 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Instrument :
BNA_M
ClientSampleId :
OK-01-122220

Tgt Ion:252 Resp: 105293
Ion Ratio Lower Upper
252 100
253 30.2 17.4 26.0#
125 20.2 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 3.23 ng
RT: 23.303 min Scan# 3420
Delta R.T. -0.053 min
Lab File: BM028251.D
Acq: 23 Dec 2020 14:53

Tgt Ion:252 Resp: 105293
Ion Ratio Lower Upper
252 100
253 30.2 17.4 26.0#
125 20.2 5.6 8.4#

