

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
 Data File : BM028254.D
 Acq On : 23 Dec 2020 16:42
 Operator : JU/CG
 Sample : L5189-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 09

Quant Time: Dec 23 18:01:00 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)

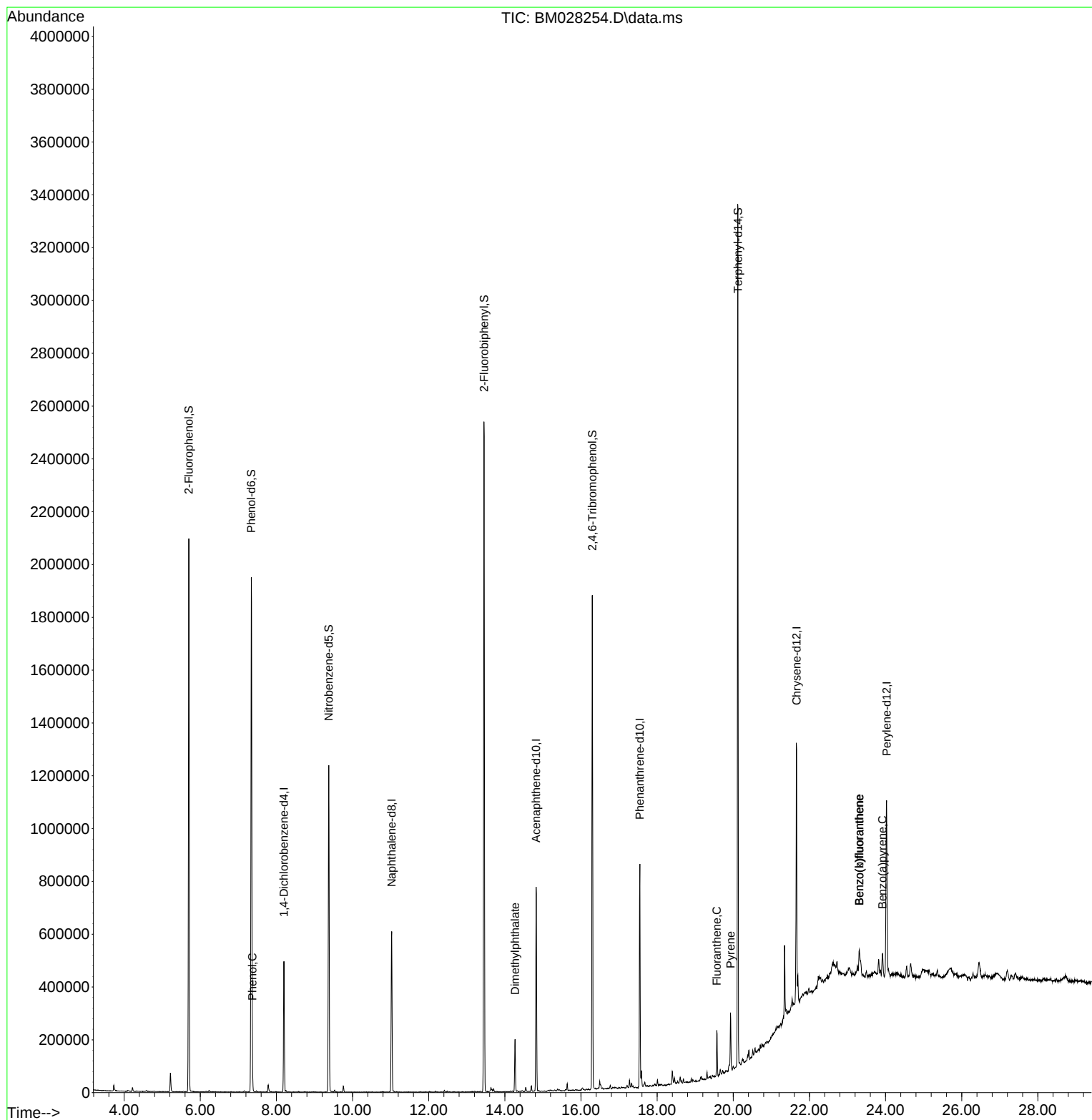
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	130018	20.00	ng	0.00
21) Naphthalene-d8	11.028	136	500083	20.00	ng	# 0.00
39) Acenaphthene-d10	14.822	164	256084	20.00	ng	0.00
64) Phenanthrene-d10	17.545	188	472433	20.00	ng	# 0.00
76) Chrysene-d12	21.662	240	444926	20.00	ng	# 0.00
86) Perylene-d12	24.027	264	469647	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	852386	108.03	ng	0.00
7) Phenol-d6	7.340	99	1087380	96.51	ng	0.00
23) Nitrobenzene-d5	9.375	82	665156	66.00	ng	0.00
42) 2,4,6-Tribromophenol	16.298	330	327464	96.33	ng	0.00
45) 2-Fluorobiphenyl	13.457	172	1294398	65.71	ng	0.00
79) Terphenyl-d14	20.121	244	1405456	57.32	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.369	94	64399	6.02	ng	85
50) Dimethylphthalate	14.269	163	117673	5.54	ng	99
75) Fluoranthene	19.569	202	99851	3.11	ng	95
78) Pyrene	19.927	202	122136	3.79	ng	100
88) Benzo(b)fluoranthene	23.309	252	104429	3.26	ng	# 89
89) Benzo(k)fluoranthene	23.309	252	104429	3.36	ng	# 89
90) Benzo(a)pyrene	23.921	252	66358	2.31	ng	# 90

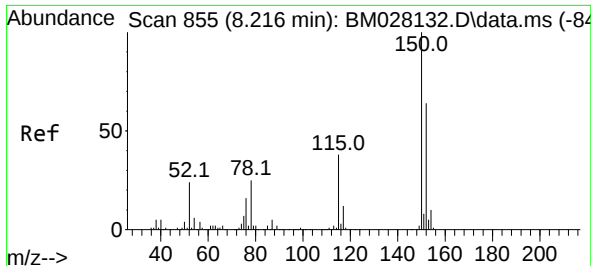
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122320\
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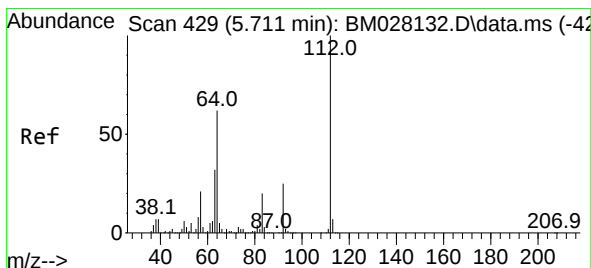
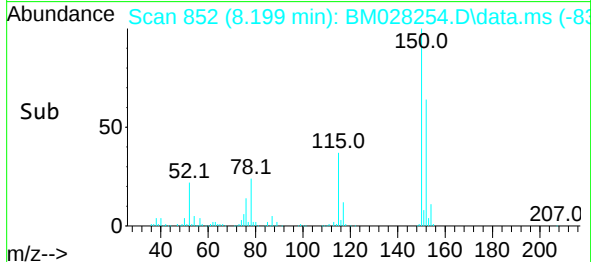
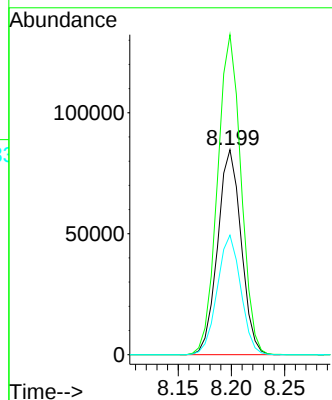
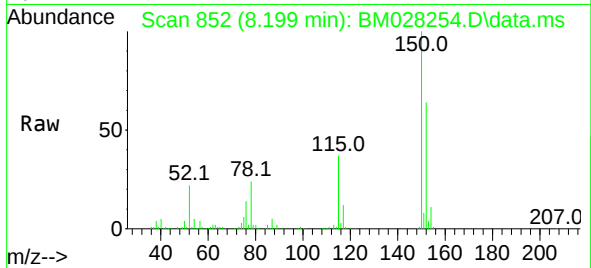




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.199 min Scan# 852
Delta R.T. 0.001 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

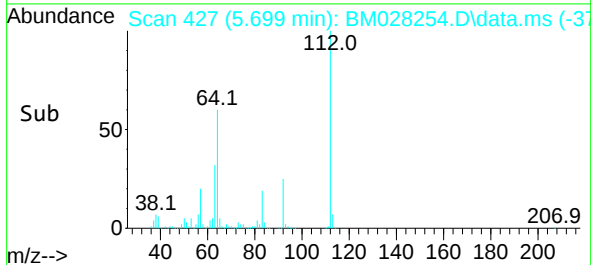
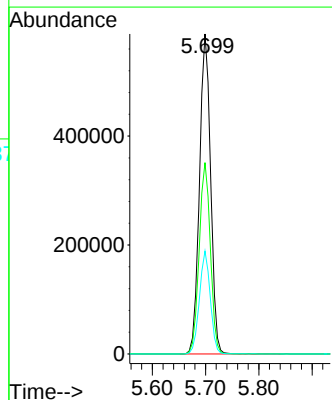
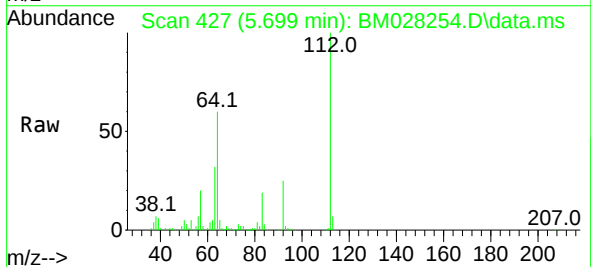
Instrument :
BNA_M
ClientSampled :
09

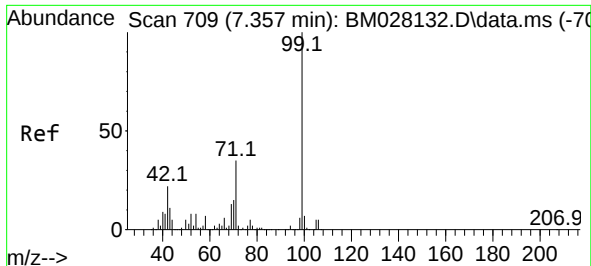
Tgt Ion:152 Resp: 130018
Ion Ratio Lower Upper
152 100
150 156.1 120.6 181.0
115 58.3 47.2 70.8



#5
2-Fluorophenol
Concen: 108.03 ng
RT: 5.699 min Scan# 427
Delta R.T. 0.006 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

Tgt Ion:112 Resp: 852386
Ion Ratio Lower Upper
112 100
64 59.8 50.6 76.0
63 32.2 31.0 46.6

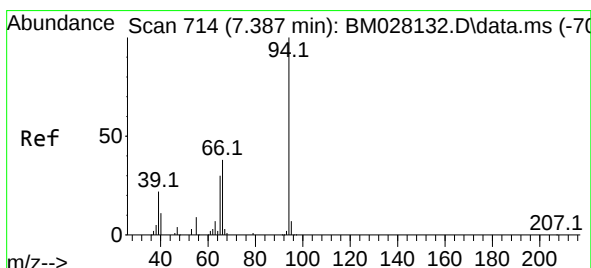
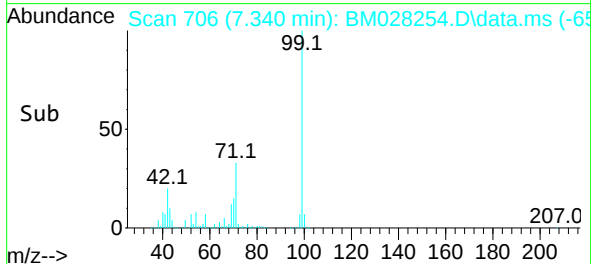
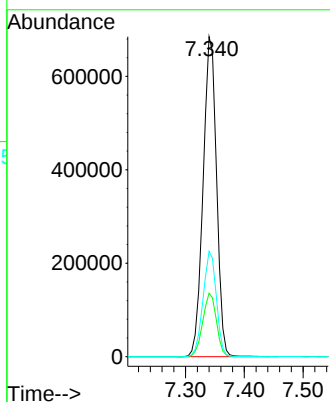
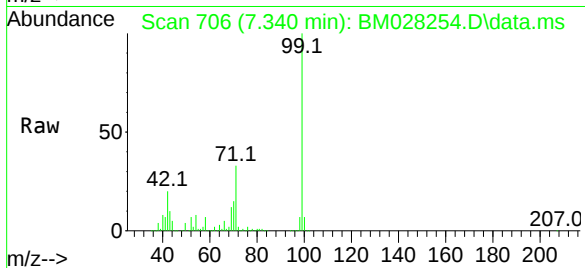




#7
Phenol-d6
Concen: 96.51 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

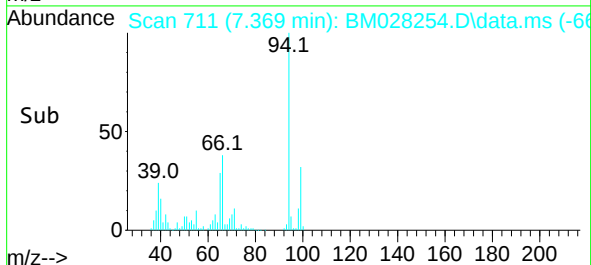
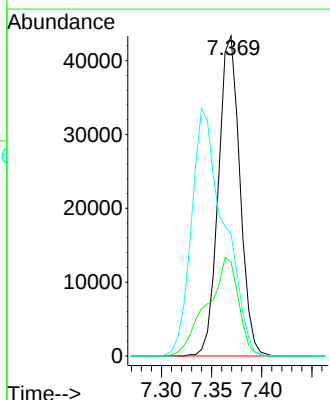
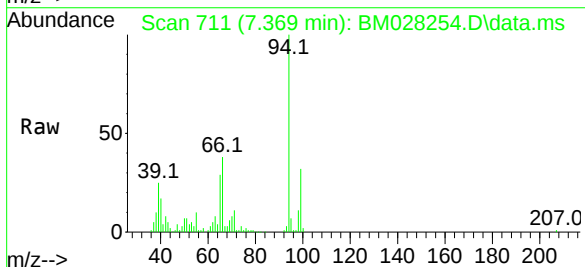
Instrument :
BNA_M
ClientSampleId :
09

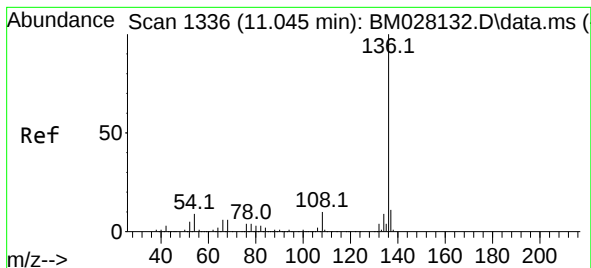
Tgt Ion: 99 Resp: 1087380
Ion Ratio Lower Upper
99 100
42 19.9 13.5 20.3
71 32.9 39.4 59.0#



#10
Phenol
Concen: 6.02 ng
RT: 7.369 min Scan# 711
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

Tgt Ion: 94 Resp: 64399
Ion Ratio Lower Upper
94 100
65 29.5 16.4 56.4
66 38.2 30.2 70.2

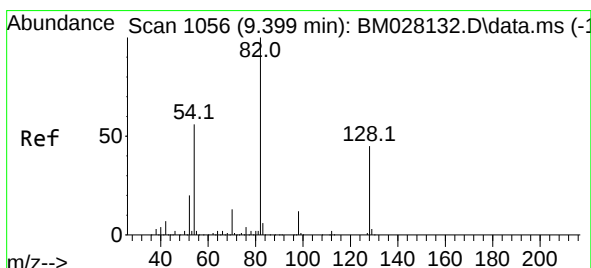
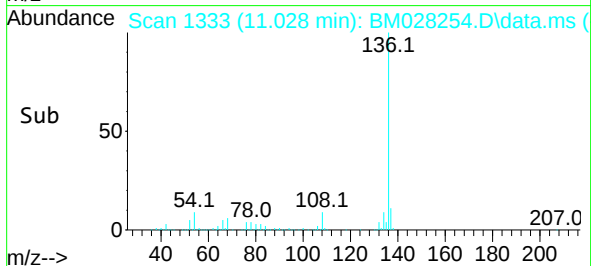
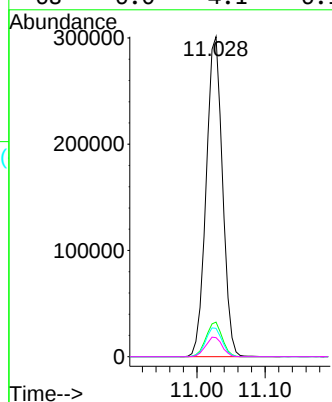
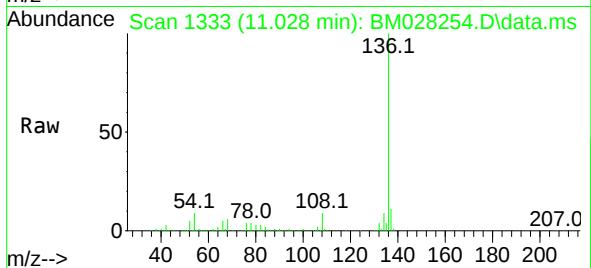




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.028 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

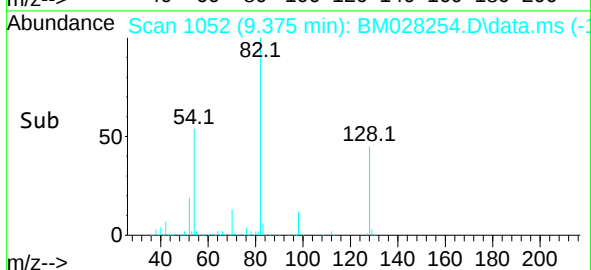
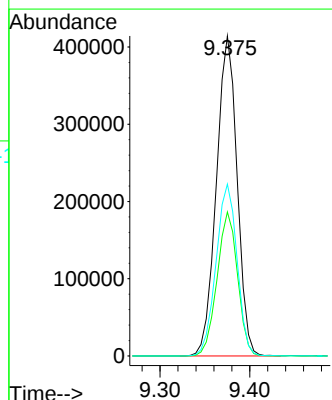
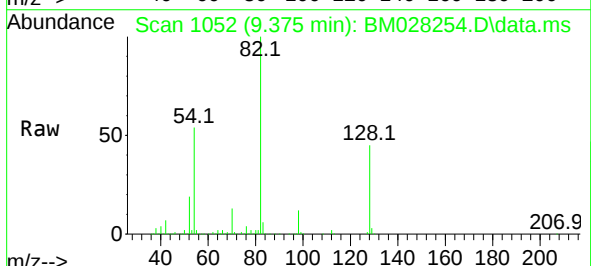
Instrument :
BNA_M
ClientSampleId :
09

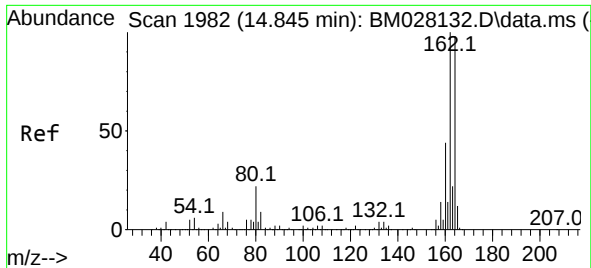
Tgt Ion:	136	Resp:	500083
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	8.9	4.6	7.0#
68	6.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 66.00 ng
RT: 9.375 min Scan# 1052
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

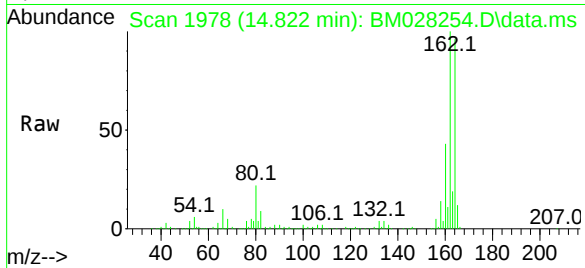
Tgt Ion:	82	Resp:	665156
Ion Ratio	Lower	Upper	
82	100		
128	45.0	27.4	41.0#
54	53.7	31.4	47.0#



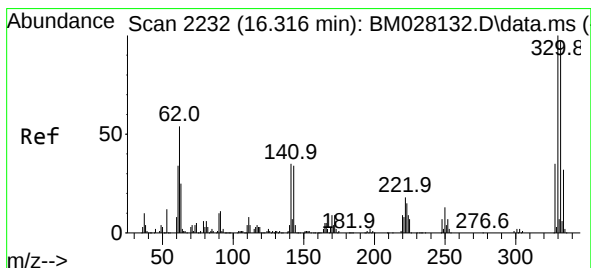
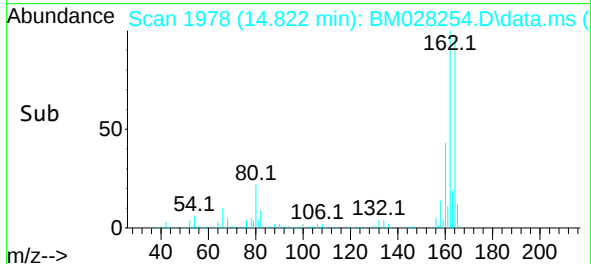
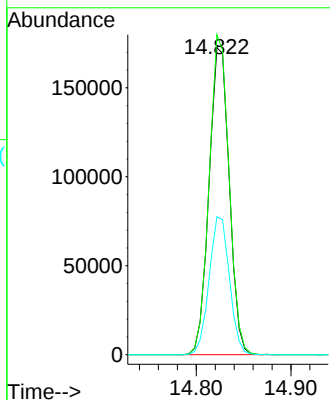


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.822 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

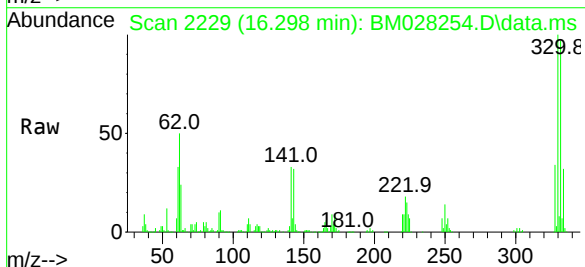
Instrument :
BNA_M
ClientSampleId :
09



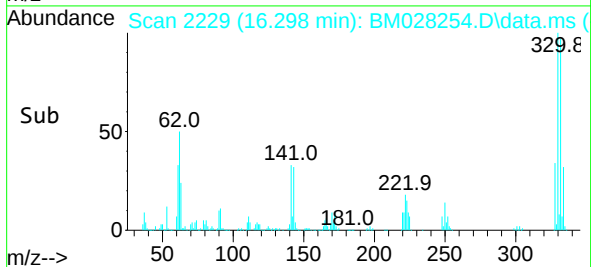
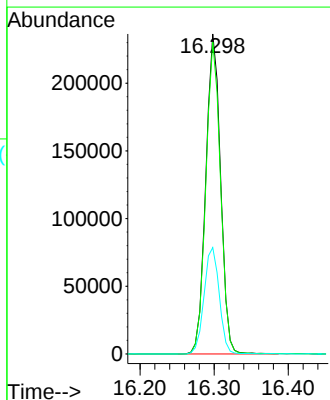
Tgt Ion:164 Resp: 256084
Ion Ratio Lower Upper
164 100
162 104.2 80.4 120.6
160 44.9 35.9 53.9

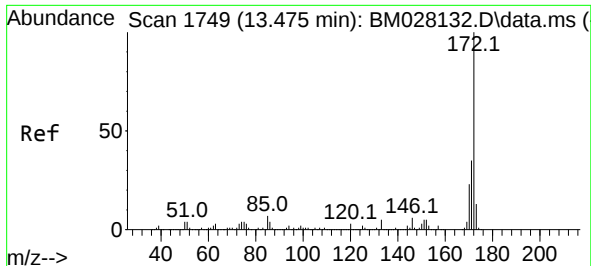


#42
2,4,6-Tribromophenol
Concen: 96.33 ng
RT: 16.298 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42



Tgt Ion:330 Resp: 327464
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 34.3 28.4 42.6

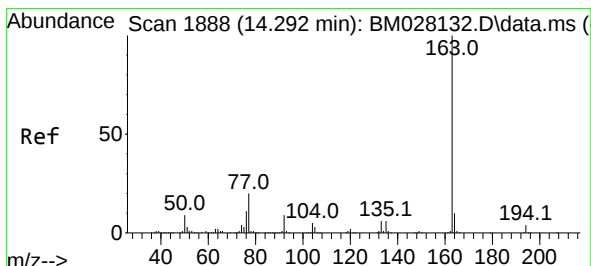
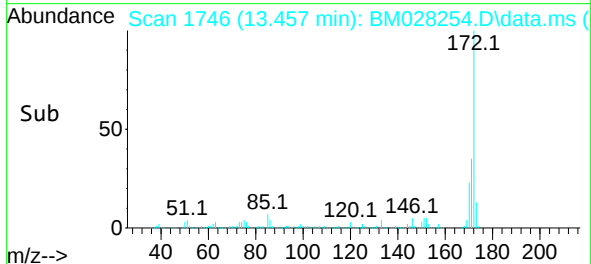
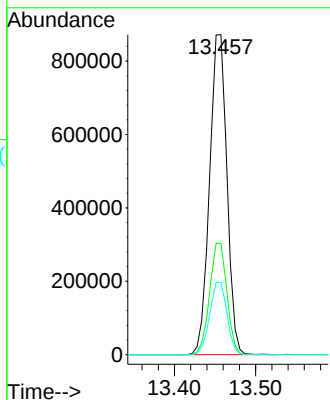
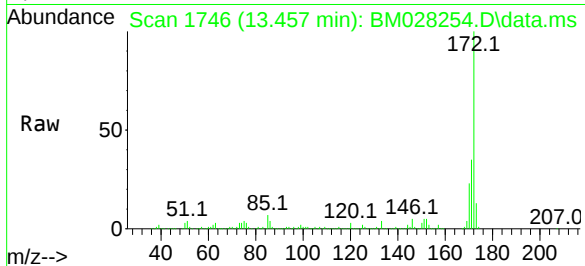




#45
2-Fluorobiphenyl
Concen: 65.71 ng
RT: 13.457 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

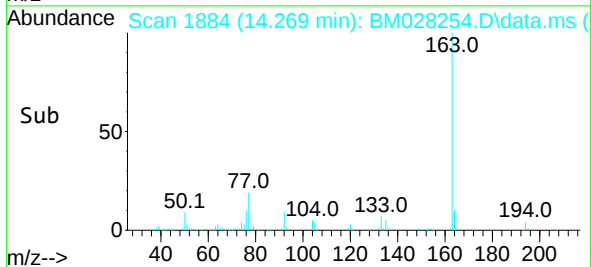
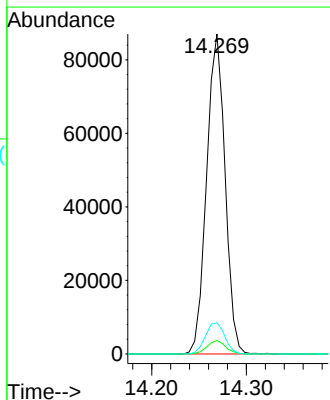
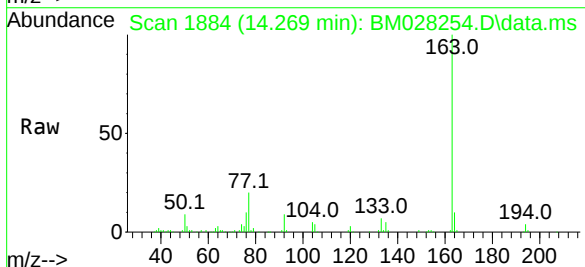
Instrument :
BNA_M
ClientSampled :
09

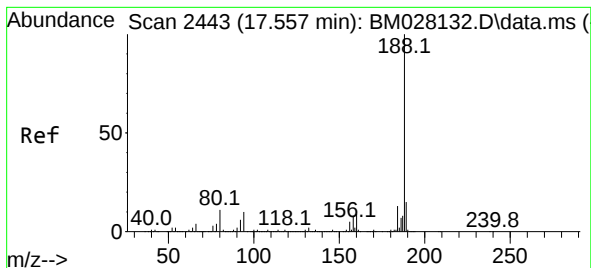
Tgt Ion:172 Resp: 1294398
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 22.5 18.6 27.8



#50
Dimethylphthalate
Concen: 5.54 ng
RT: 14.269 min Scan# 1884
Delta R.T. -0.005 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

Tgt Ion:163 Resp: 117673
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 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: BM028254.D

Acq: 23 Dec 2020 16:42

Tgt Ion:188 Resp: 472433

Ion Ratio Lower Upper

188 100

94 10.2 6.2 9.4#

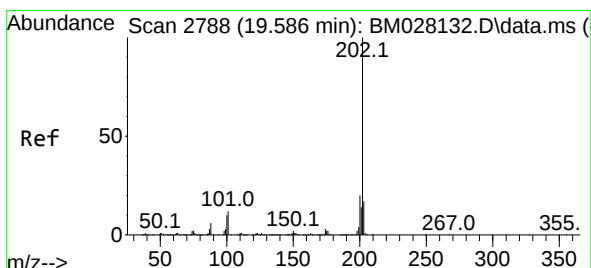
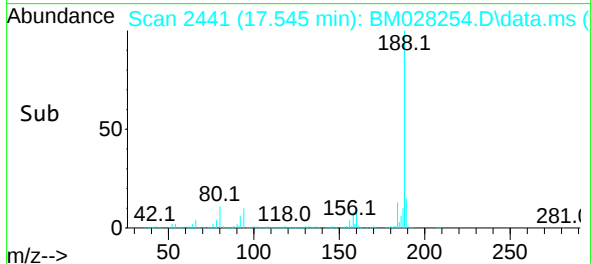
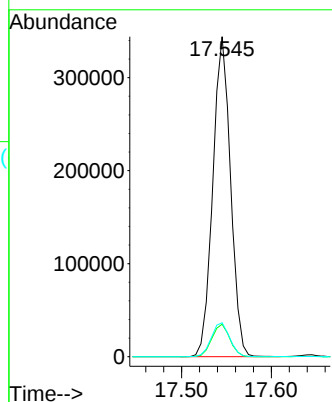
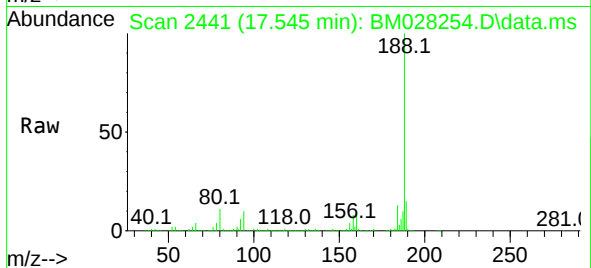
80 10.6 7.5 11.3

Instrument :

BNA_M

ClientSampleId :

09



#75

Fluoranthene

Concen: 3.11 ng

RT: 19.569 min Scan# 2785

Delta R.T. -0.006 min

Lab File: BM028254.D

Acq: 23 Dec 2020 16:42

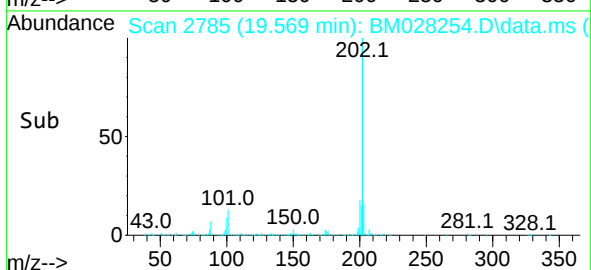
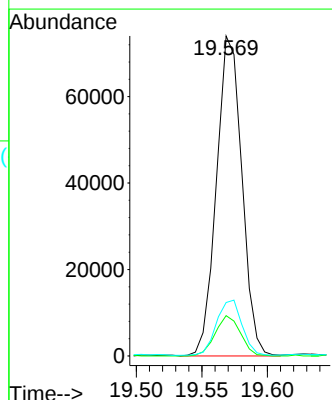
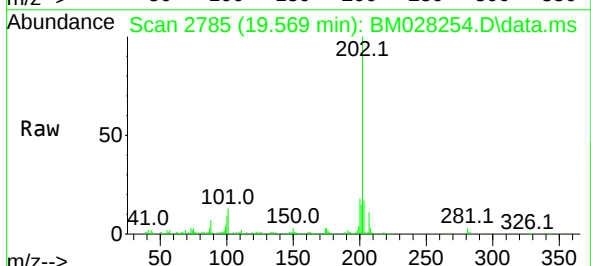
Tgt Ion:202 Resp: 99851

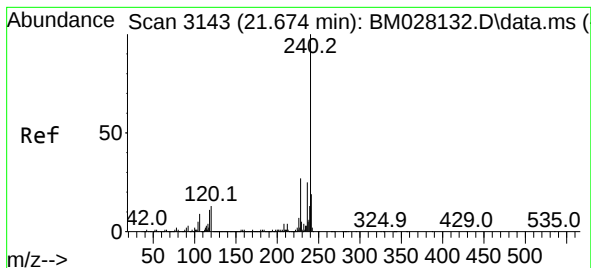
Ion Ratio Lower Upper

202 100

101 12.6 0.0 28.5

203 16.7 0.0 37.3





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.662 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BM028254.D

Acq: 23 Dec 2020 16:42

Tgt Ion:240 Resp: 444926

Ion Ratio Lower Upper

240 100

120 11.4 6.4 9.6#

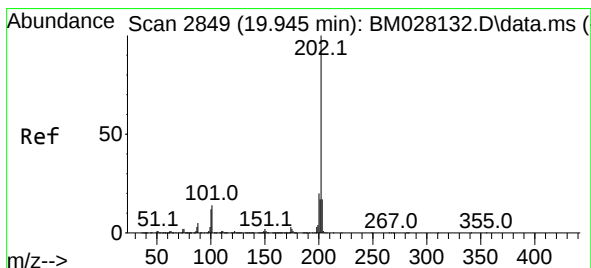
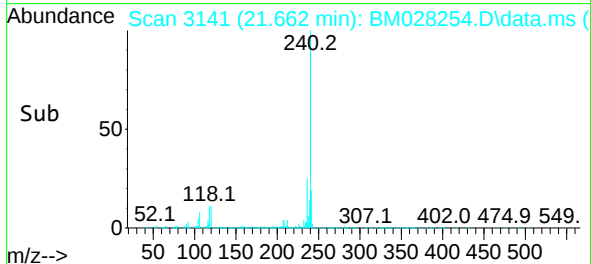
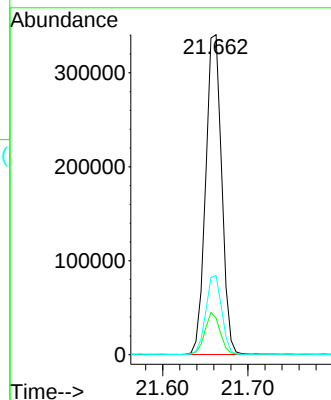
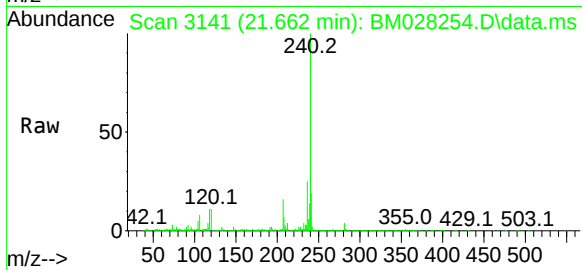
236 24.7 20.1 30.1

Instrument :

BNA_M

ClientSampleId :

09



#78

Pyrene

Concen: 3.79 ng

RT: 19.927 min Scan# 2846

Delta R.T. -0.006 min

Lab File: BM028254.D

Acq: 23 Dec 2020 16:42

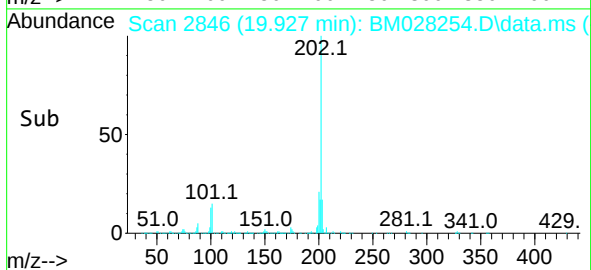
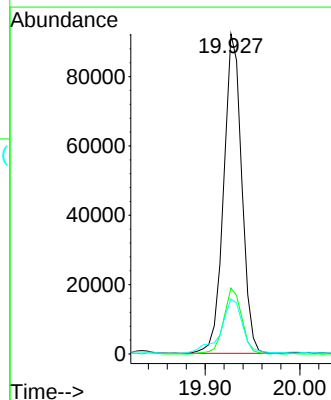
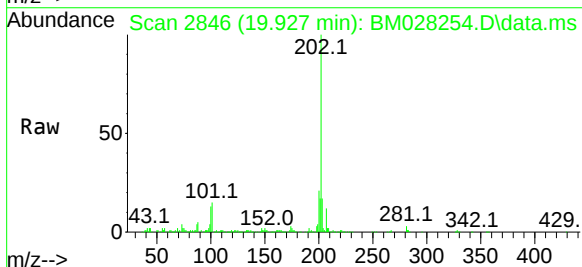
Tgt Ion:202 Resp: 122136

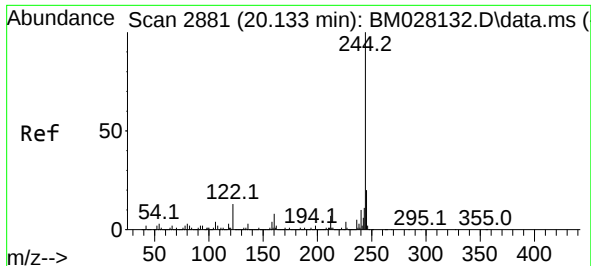
Ion Ratio Lower Upper

202 100

200 20.6 16.6 24.8

203 17.1 13.8 20.6

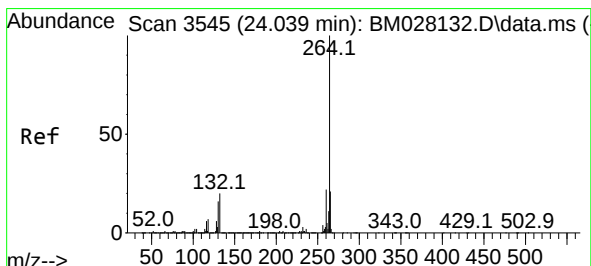
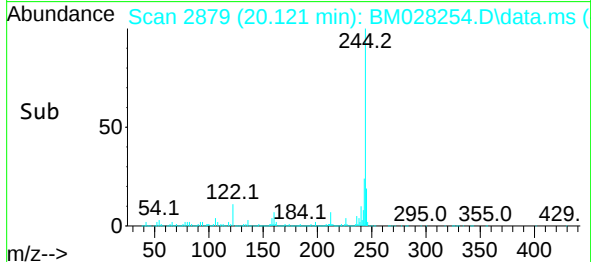
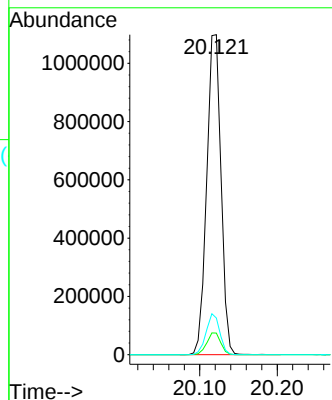
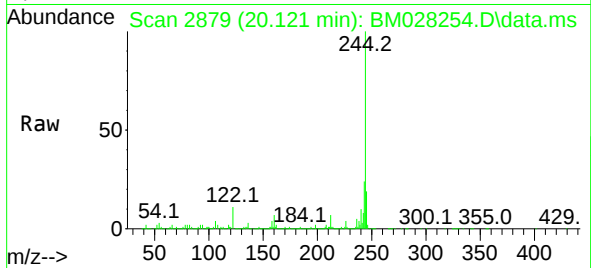




#79
Terphenyl-d14
Concen: 57.32 ng
RT: 20.121 min Scan# 2879
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

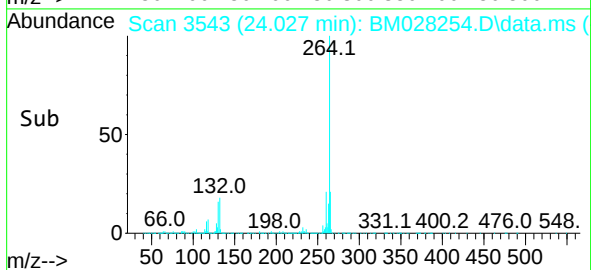
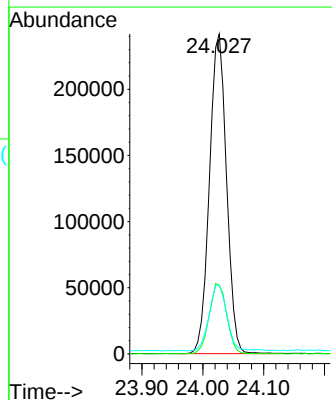
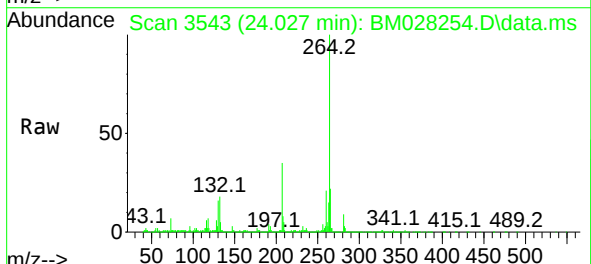
Instrument :
BNA_M
ClientSampleId :
09

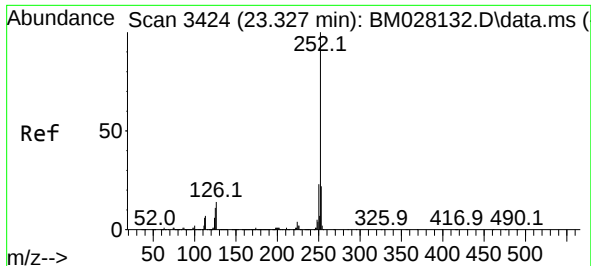
Tgt Ion:244 Resp: 1405456
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 11.4 6.5 9.7#



#86
Perylene-d12
Concen: 20.00 ng
RT: 24.027 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

Tgt Ion:264 Resp: 469647
Ion Ratio Lower Upper
264 100
260 21.5 19.0 28.4
265 21.6 17.7 26.5

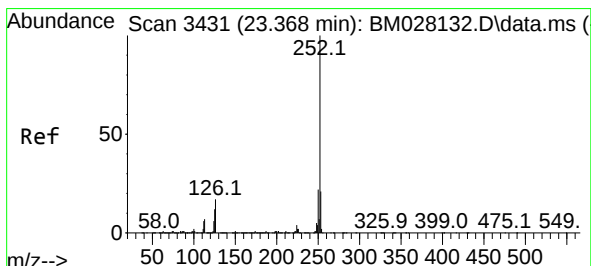
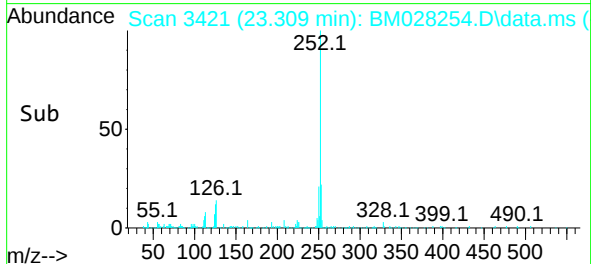
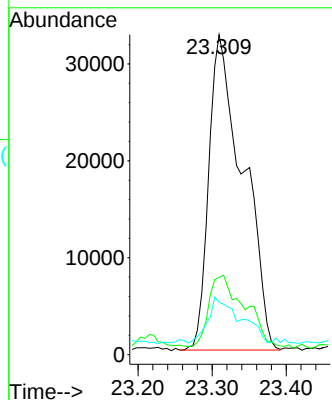
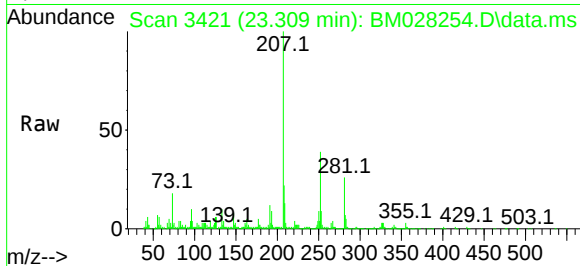




#88
Benzo(b)fluoranthene
Concen: 3.26 ng
RT: 23.309 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

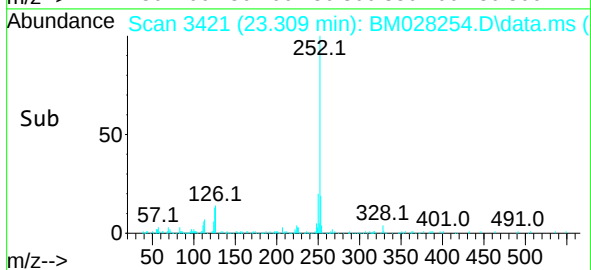
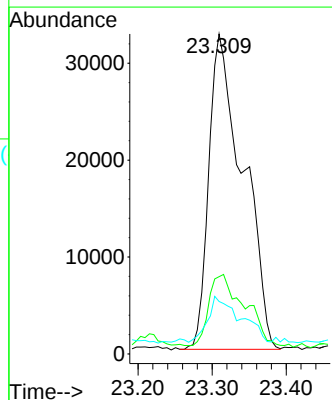
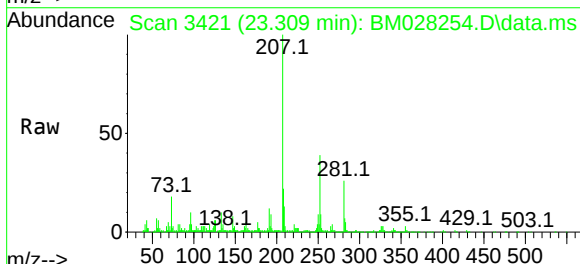
Instrument :
BNA_M
ClientSampled :
09

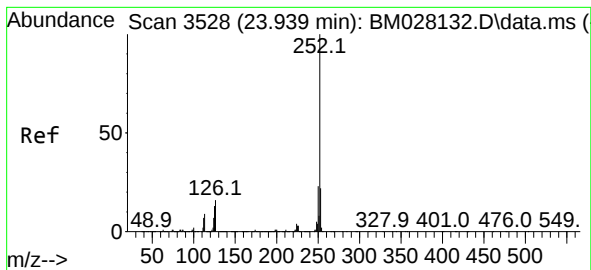
Tgt Ion:252 Resp: 104429
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 16.4 5.7 8.5#



#89
Benzo(k)fluoranthene
Concen: 3.36 ng
RT: 23.309 min Scan# 3421
Delta R.T. -0.047 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

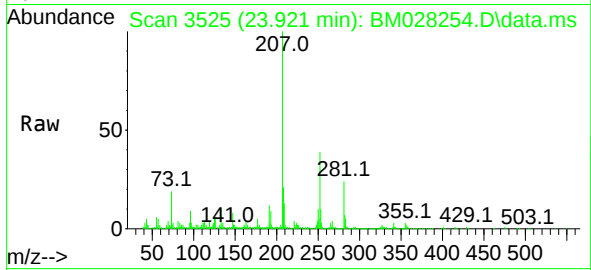
Tgt Ion:252 Resp: 104429
Ion Ratio Lower Upper
252 100
253 24.2 17.4 26.0
125 16.4 5.6 8.4#





#90
Benzo(a)pyrene
Concen: 2.31 ng
RT: 23.921 min Scan# 3525
Delta R.T. 0.000 min
Lab File: BM028254.D
Acq: 23 Dec 2020 16:42

Instrument :
BNA_M
ClientSampleId :
09



Tgt Ion:252 Resp: 66358
Ion Ratio Lower Upper
252 100
253 24.5 17.4 26.2
125 16.3 6.6 9.8#

