

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029260.D
 Acq On : 30 Mar 2021 00:46
 Operator : CG/JU
 Sample : M1828-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FS-SB14(15-16)

Quant Time: Mar 30 05:18:14 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 29 11:14:33 2021
 Response via : Initial Calibration

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

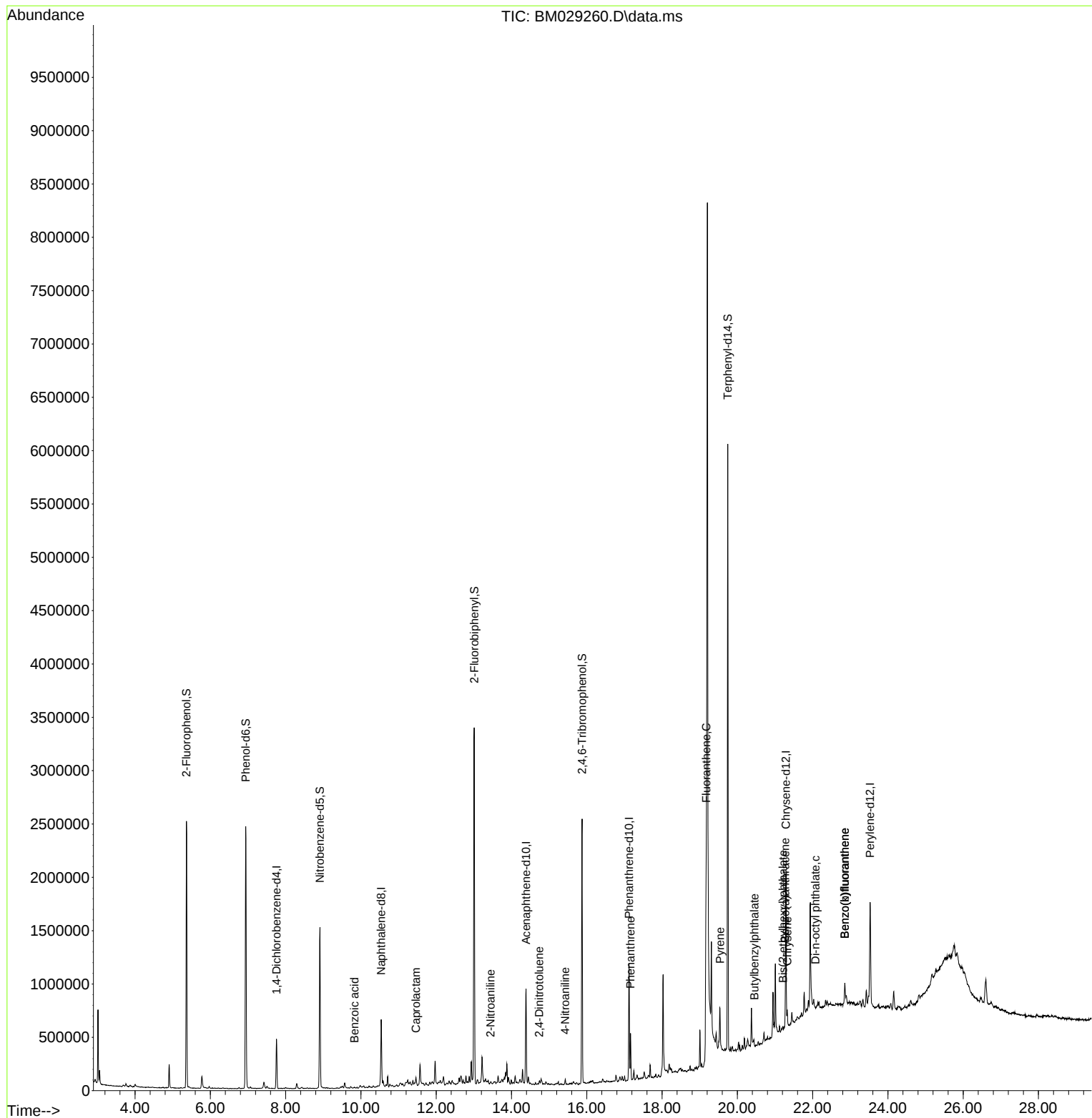
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	113094	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	466461	20.00	ng	0.00
39) Acenaphthene-d10	14.386	164	281082	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	582160	20.00	ng	0.00
76) Chrysene-d12	21.292	240	585592	20.00	ng	0.00
86) Perylene-d12	23.527	264	617872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	955734	145.67	ng	0.01
7) Phenol-d6	6.940	99	1250585	132.83	ng	0.02
23) Nitrobenzene-d5	8.910	82	850659	88.54	ng	0.00
42) 2,4,6-Tribromophenol	15.874	330	351017	134.85	ng	0.01
45) 2-Fluorobiphenyl	13.010	172	1632712	82.39	ng	0.00
79) Terphenyl-d14	19.745	244	2183041	74.89	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.828	122	204	4.51	ng	# 51
35) Caprolactam	11.463	113	1159	5.32	ng	# 1
48) 2-Nitroaniline	13.445	65	591	3.38	ng	# 37
57) 2,4-Dinitrotoluene	14.733	165	452	3.24	ng	# 73
62) 4-Nitroaniline	15.427	138	433	3.66	ng	# 64
71) Phenanthrene	17.163	178	239695	7.10	ng	98
75) Fluoranthene	19.174	202	241903	6.49	ng	98
78) Pyrene	19.539	202	223626	5.64	ng	98
80) Butylbenzylphthalate	20.451	149	1537	3.67	ng	# 1
81) Benzo(a)anthracene	21.274	228	85838	2.25	ng	99
83) Chrysene	21.327	228	80382	2.10	ng	98
84) Bis(2-ethylhexyl)phtha...	21.215	149	7513	3.88	ng	# 89
85) Di-n-octyl phthalate	22.080	149	417	4.07	ng	# 56
88) Benzo(b)fluoranthene	22.856	252	88708	2.21	ng	# 87
89) Benzo(k)fluoranthene	22.856	252	88708	2.27	ng	# 86

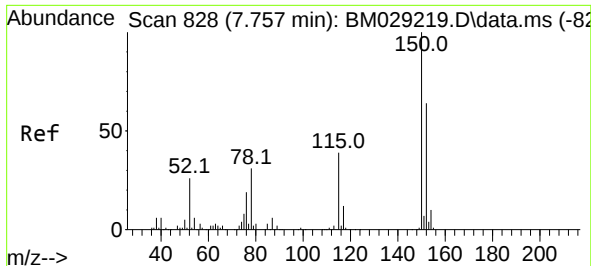
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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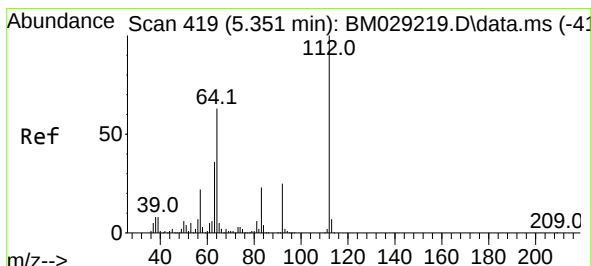
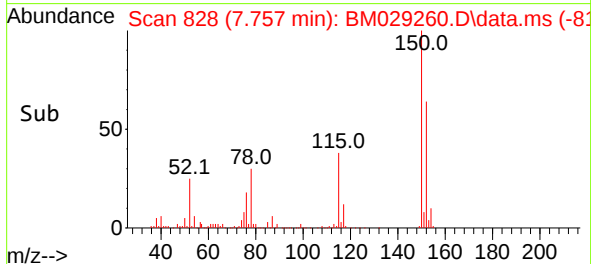
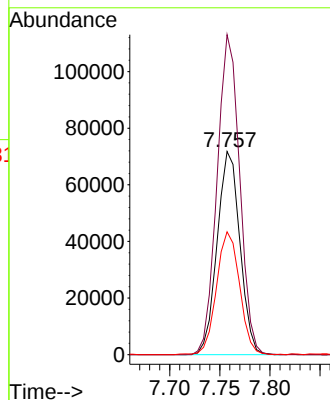
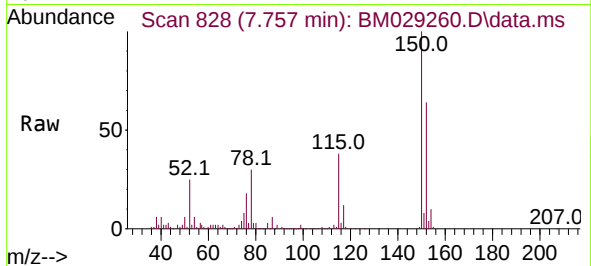




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.005 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

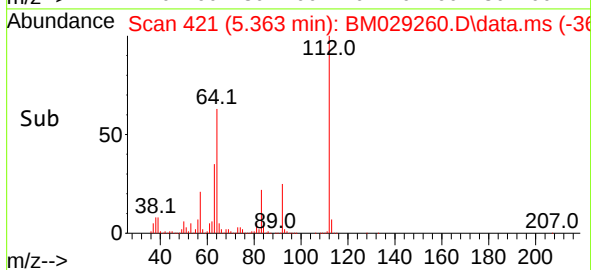
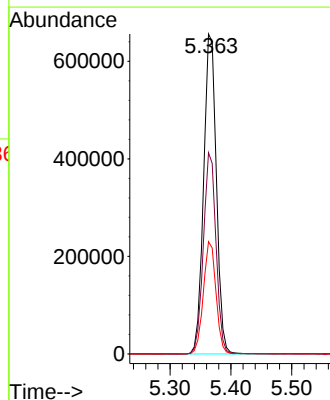
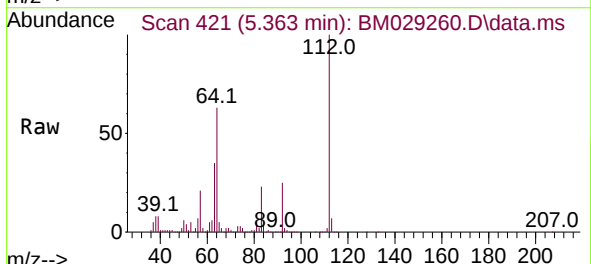
Instrument :
BNA_M
ClientSampleId :
FS-SB14(15-16)

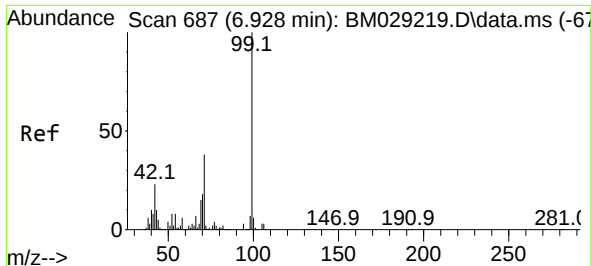
Tgt Ion:152 Resp: 113094
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 60.4 46.4 69.6



#5
2-Fluorophenol
Concen: 145.67 ng
RT: 5.363 min Scan# 421
Delta R.T. 0.012 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:112 Resp: 955734
Ion Ratio Lower Upper
112 100
64 62.9 51.6 77.4
63 35.1 29.0 43.4

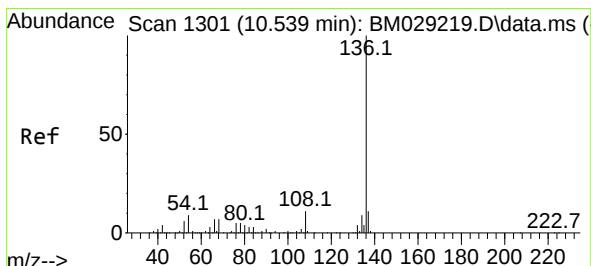
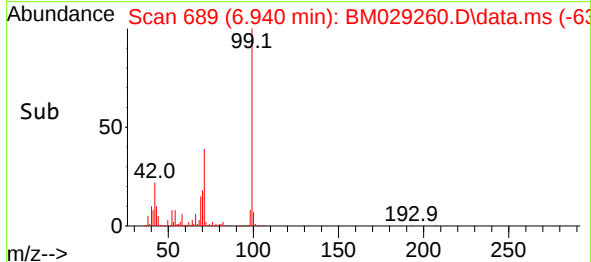
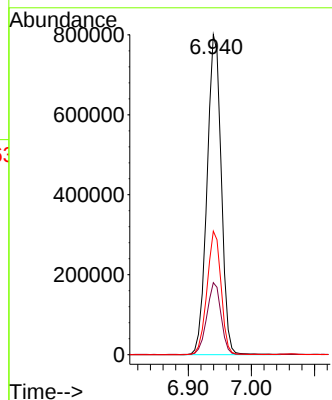
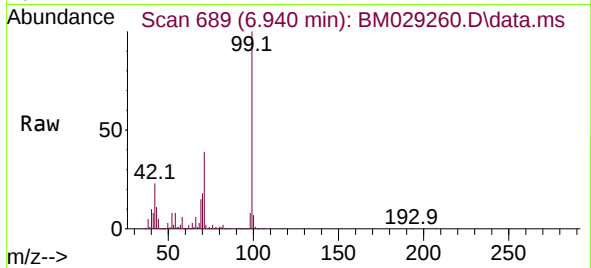




#7
Phenol-d6
Concen: 132.83 ng
RT: 6.940 min Scan# 689
Delta R.T. 0.017 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

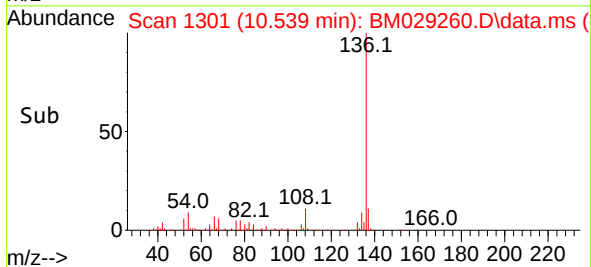
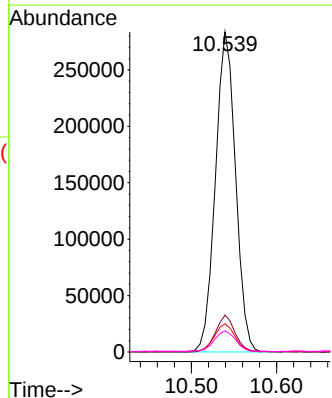
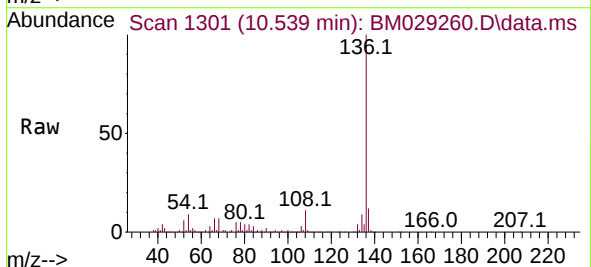
Instrument :
BNA_M
ClientSampleId :
FS-SB14(15-16)

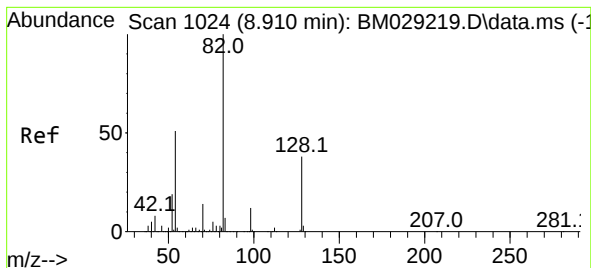
Tgt Ion: 99 Resp: 1250585
Ion Ratio Lower Upper
99 100
42 22.5 18.5 27.7
71 38.6 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.539 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion: 136 Resp: 466461
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 8.8 6.9 10.3
68 6.6 5.4 8.0

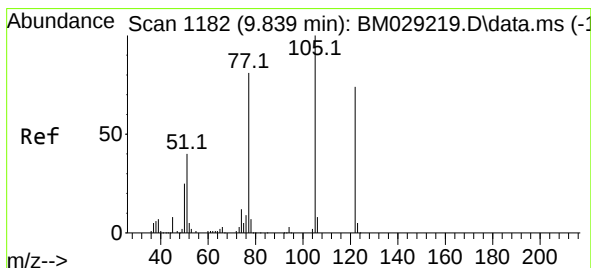
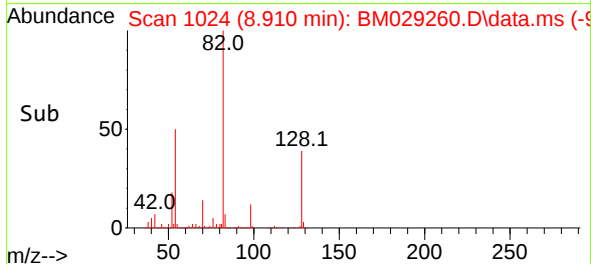
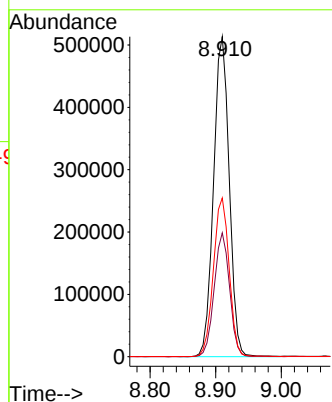
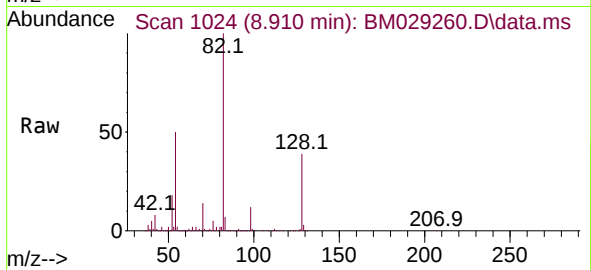




#23
Nitrobenzene-d5
Concen: 88.54 ng
RT: 8.910 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

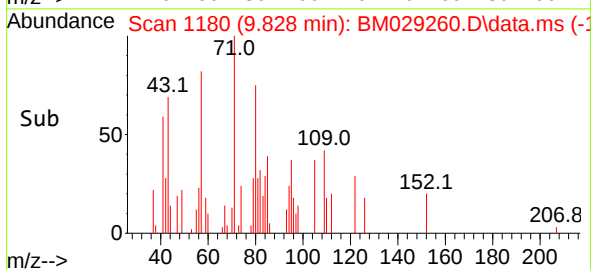
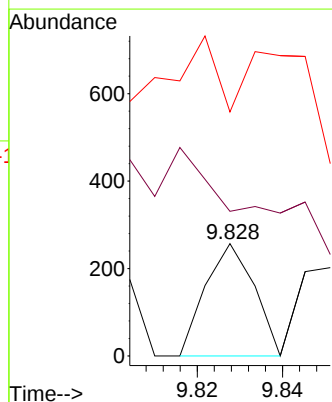
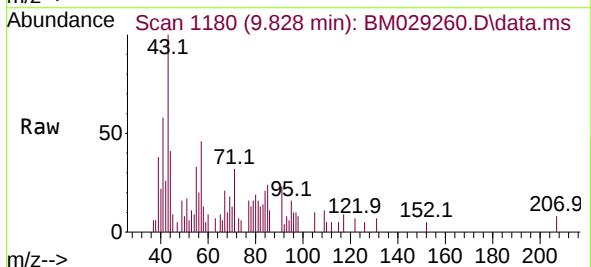
Instrument :
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ClientSampleId :
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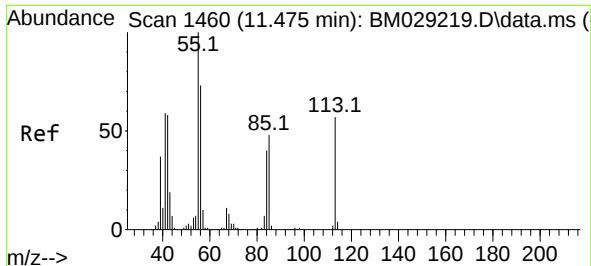
Tgt Ion: 82 Resp: 850659
Ion Ratio Lower Upper
82 100
128 38.7 28.6 42.8
54 49.6 40.7 61.1



#32
Benzoic acid
Concen: 4.51 ng
RT: 9.828 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:122 Resp: 204
Ion Ratio Lower Upper
122 100
105 128.8 108.2 148.2
77 217.1 86.0 126.0#

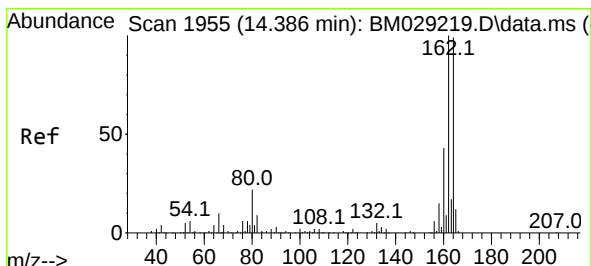
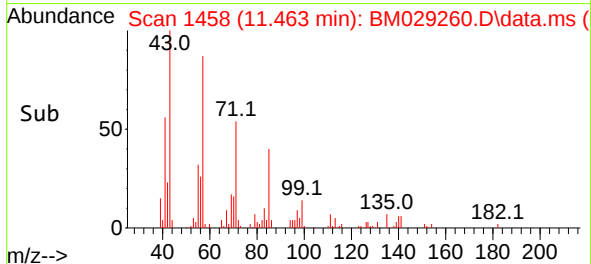
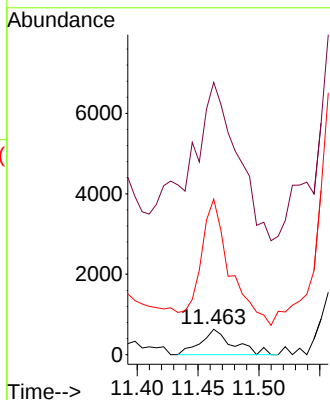
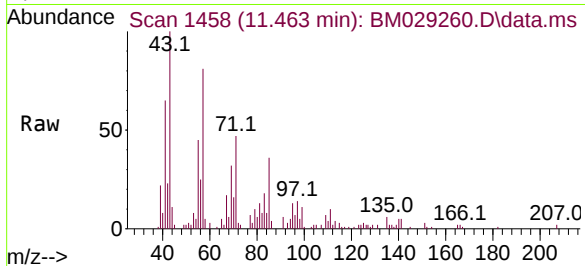




#35
Caprolactam
Concen: 5.32 ng
RT: 11.463 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

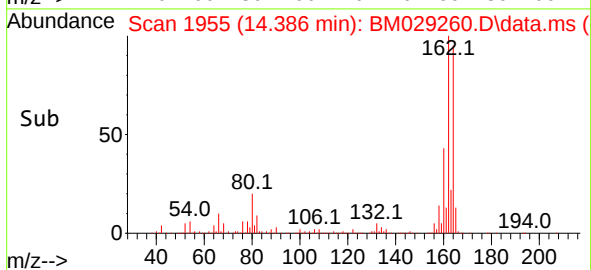
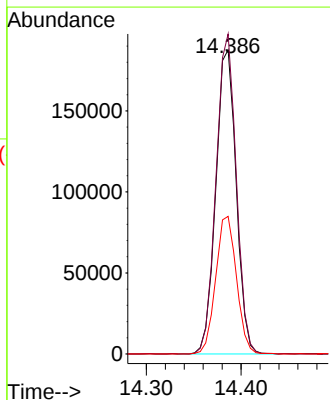
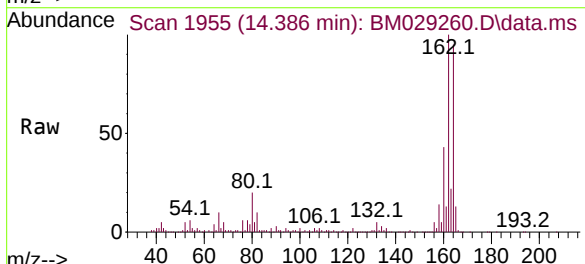
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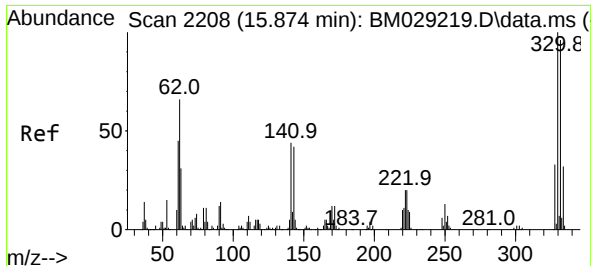
Tgt Ion:113 Resp: 1159
Ion Ratio Lower Upper
113 100
55 1071.2 149.4 189.4#
56 612.2 110.8 150.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.386 min Scan# 1955
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:164 Resp: 281082
Ion Ratio Lower Upper
164 100
162 105.2 84.4 126.6
160 45.2 36.6 54.8

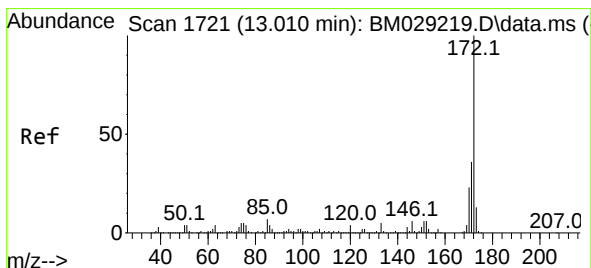
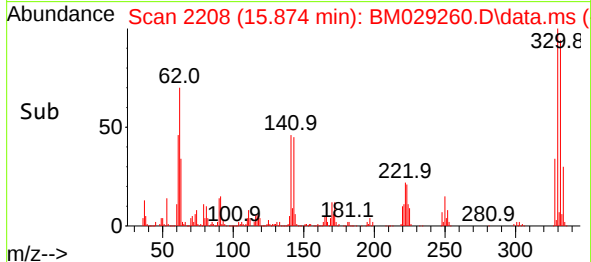
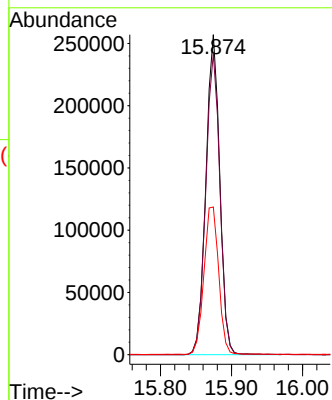
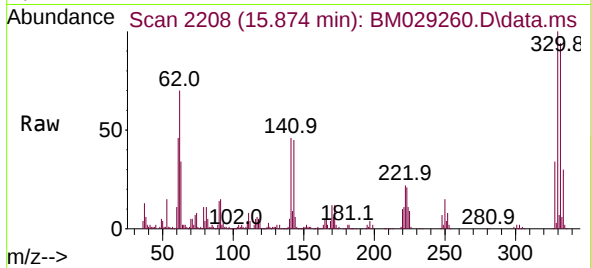




#42
2,4,6-Tribromophenol
Concen: 134.85 ng
RT: 15.874 min Scan# 2208
Delta R.T. 0.012 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

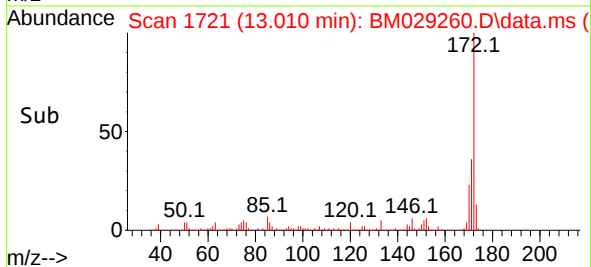
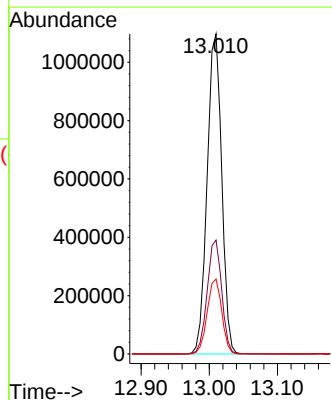
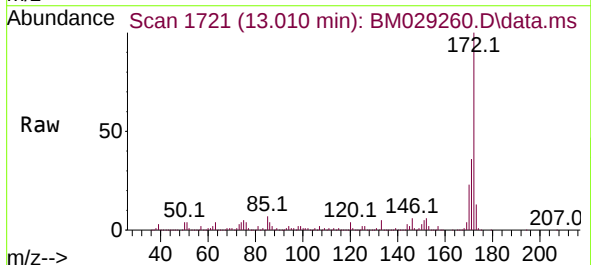
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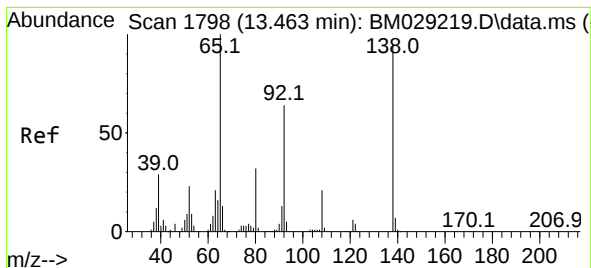
Tgt Ion:330 Resp: 351017
Ion Ratio Lower Upper
330 100
332 95.7 77.1 115.7
141 48.8 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 82.39 ng
RT: 13.010 min Scan# 1721
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:172 Resp: 1632712
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.8 28.2

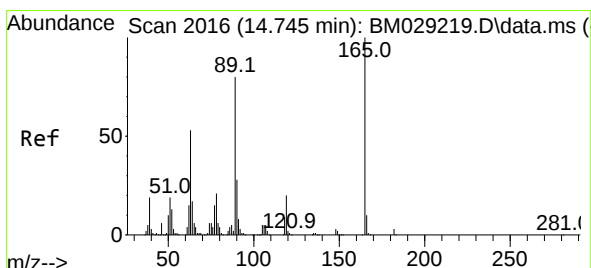
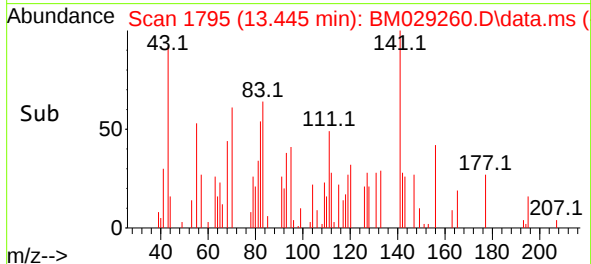
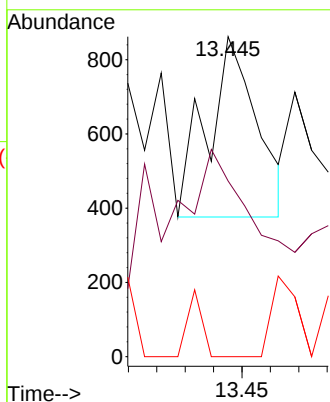
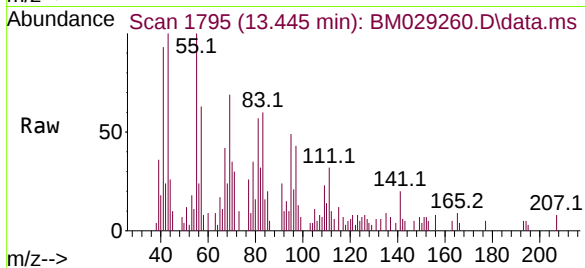




#48
2-Nitroaniline
Concen: 3.38 ng
RT: 13.445 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

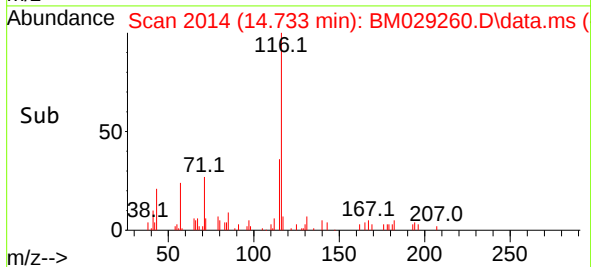
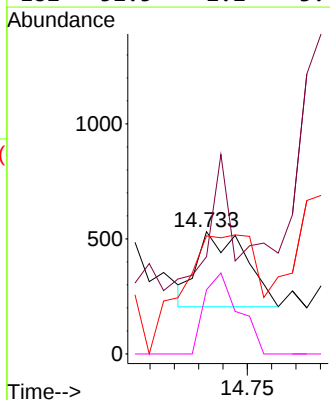
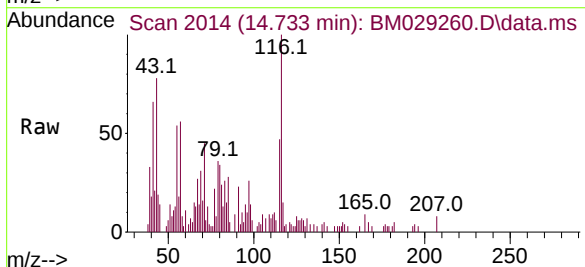
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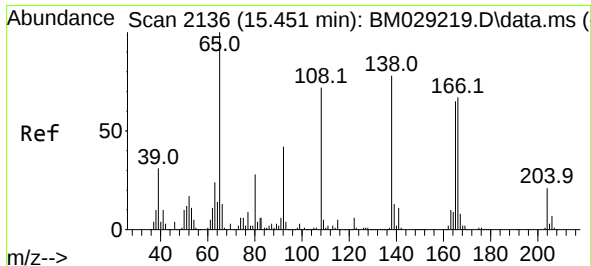
Tgt Ion: 65 Resp: 591
Ion Ratio Lower Upper
65 100
92 54.9 52.4 78.6
138 0.0 75.0 112.6#



#57
2,4-Dinitrotoluene
Concen: 3.24 ng
RT: 14.733 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:165 Resp: 452
Ion Ratio Lower Upper
165 100
63 79.7 42.2 63.4#
89 96.6 65.6 98.4
182 52.5 2.2 3.4#

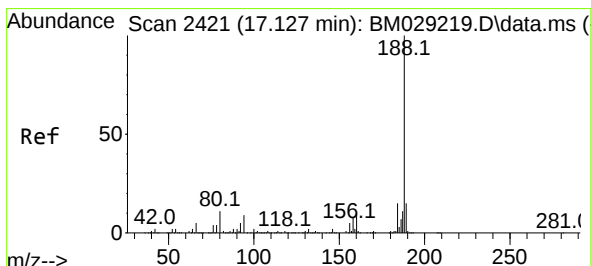
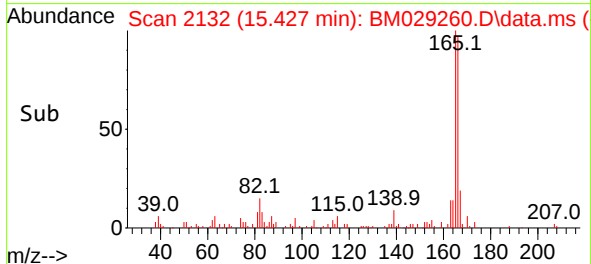
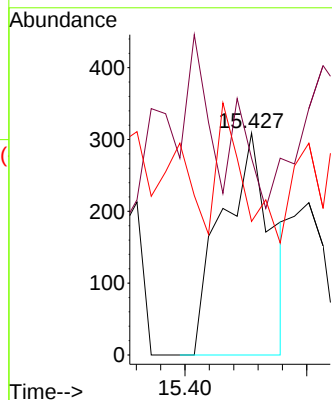
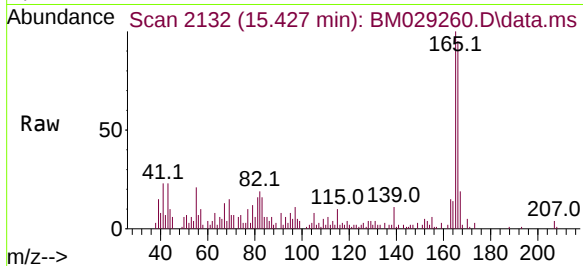




#62
4-Nitroaniline
Concen: 3.66 ng
RT: 15.427 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

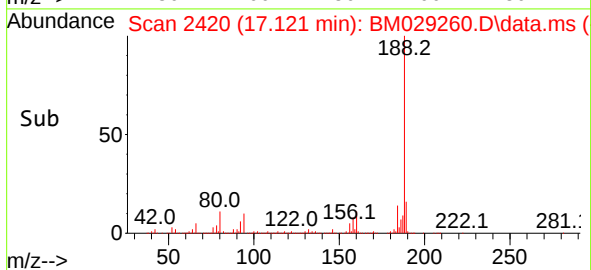
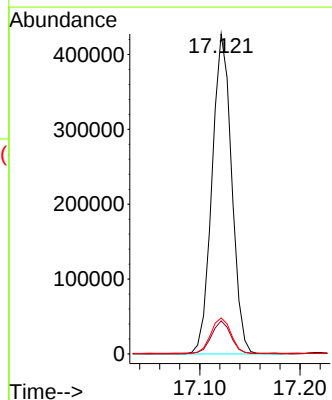
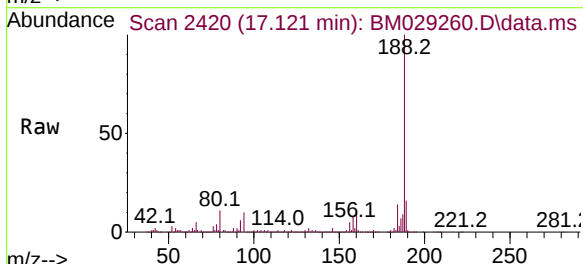
Instrument :
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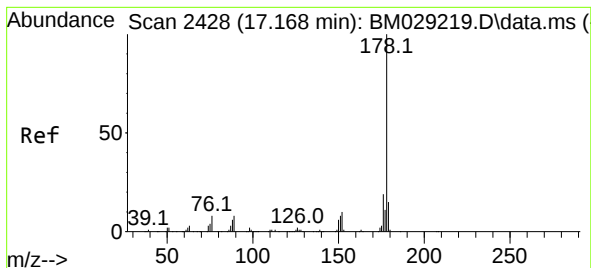
Tgt Ion:138 Resp: 433
Ion Ratio Lower Upper
138 100
92 88.7 38.2 78.2#
108 60.2 71.7 111.7#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.121 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:188 Resp: 582160
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.3 9.2 13.8

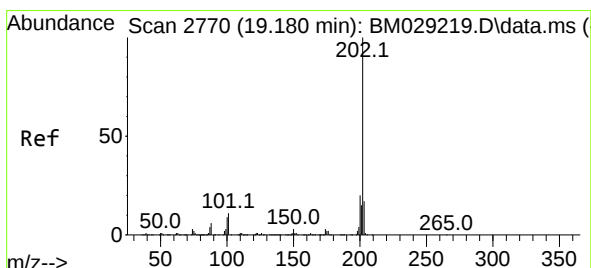
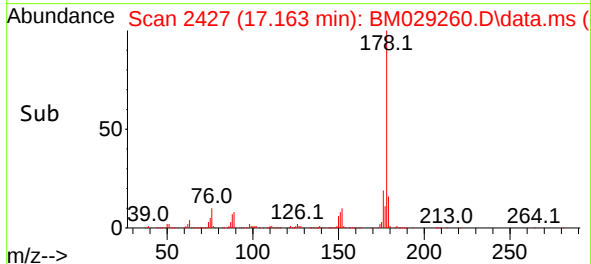
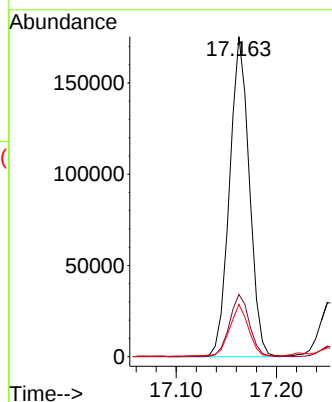
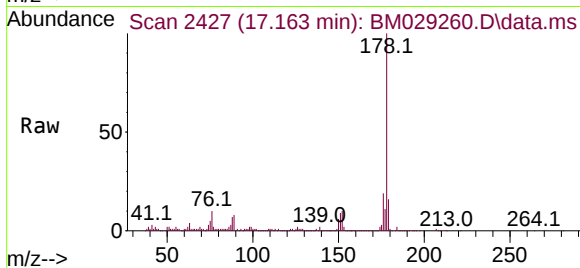




#71
Phenanthrene
Concen: 7.10 ng
RT: 17.163 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

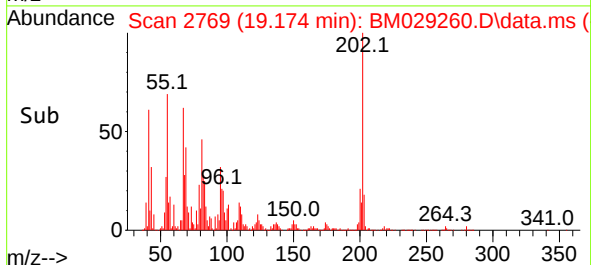
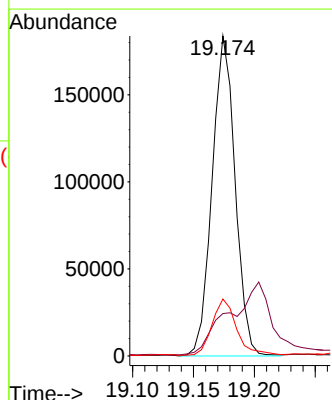
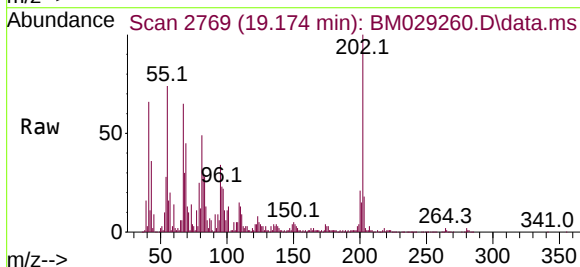
Instrument :
BNA_M
ClientSampleId :
FS-SB14(15-16)

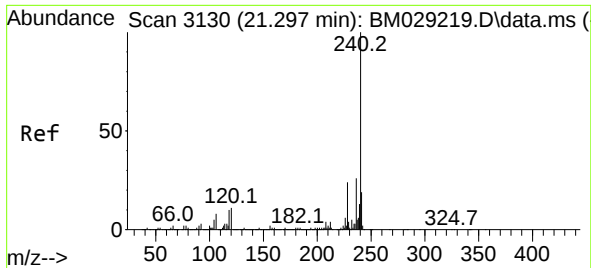
Tgt Ion:178 Resp: 239695
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.4 11.9 17.9



#75
Fluoranthene
Concen: 6.49 ng
RT: 19.174 min Scan# 2769
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:202 Resp: 241903
Ion Ratio Lower Upper
202 100
101 13.2 0.0 31.5
203 17.8 0.0 37.7

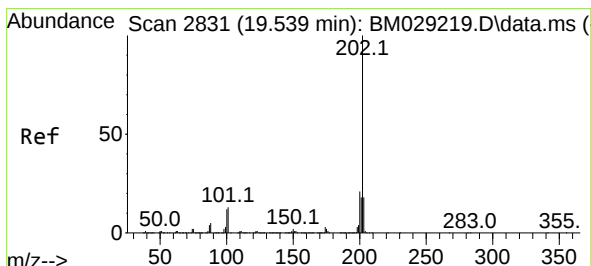
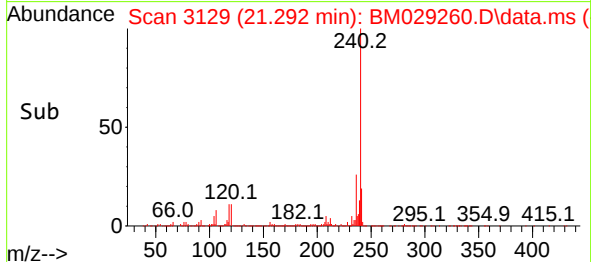
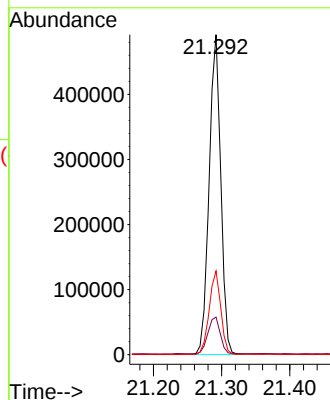
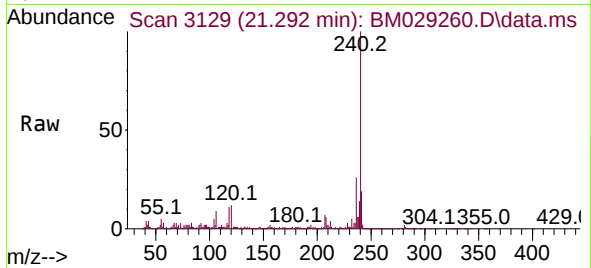




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.292 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

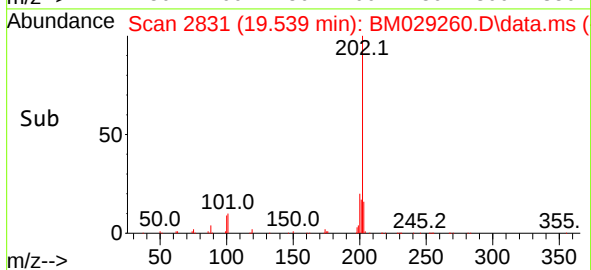
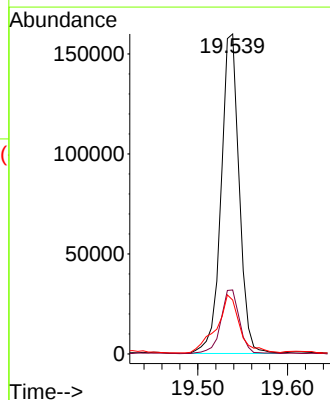
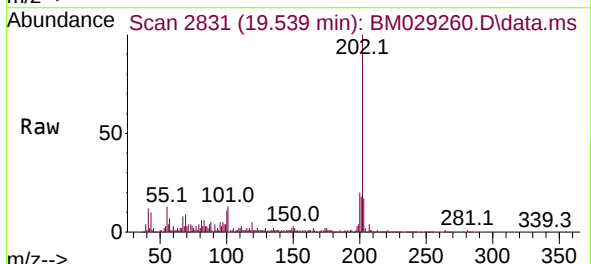
Instrument :
BNA_M
ClientSampleId :
FS-SB14(15-16)

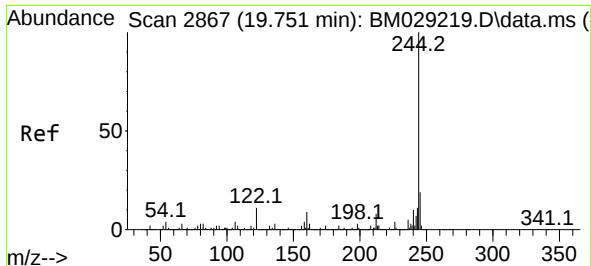
Tgt Ion:240 Resp: 585592
Ion Ratio Lower Upper
240 100
120 11.7 9.0 13.6
236 26.1 20.3 30.5



#78
Pyrene
Concen: 5.64 ng
RT: 19.539 min Scan# 2831
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:202 Resp: 223626
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.6
203 16.8 14.1 21.1

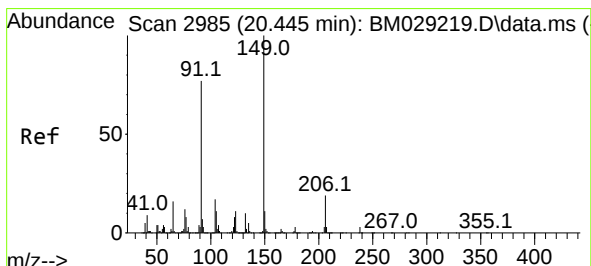
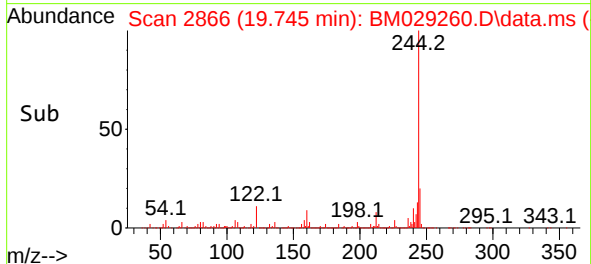
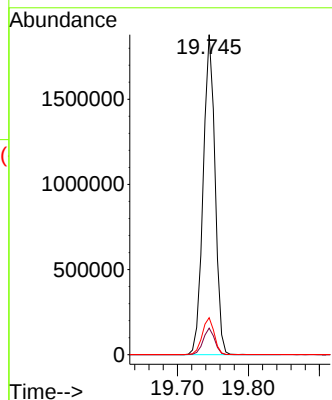
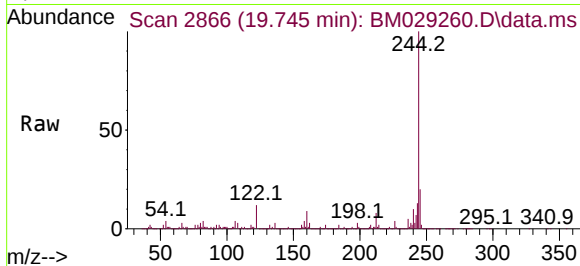




#79
 Terphenyl-d14
 Concen: 74.89 ng
 RT: 19.745 min Scan# 2866
 Delta R.T. 0.006 min
 Lab File: BM029260.D
 Acq: 30 Mar 2021 00:46

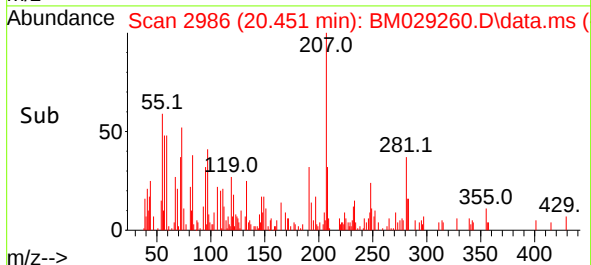
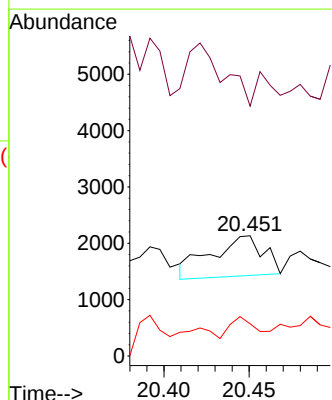
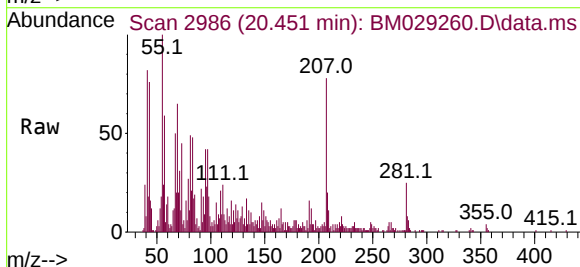
Instrument :
 BNA_M
 ClientSampleId :
 FS-SB14(15-16)

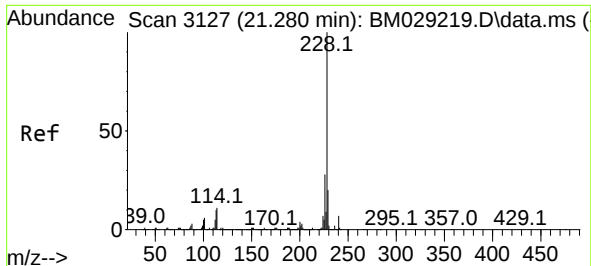
Tgt Ion:244 Resp: 2183041
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 11.6 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 3.67 ng
 RT: 20.451 min Scan# 2986
 Delta R.T. 0.017 min
 Lab File: BM029260.D
 Acq: 30 Mar 2021 00:46

Tgt Ion:149 Resp: 1537
 Ion Ratio Lower Upper
 149 100
 91 207.8 60.5 90.7#
 206 26.8 15.7 23.5#

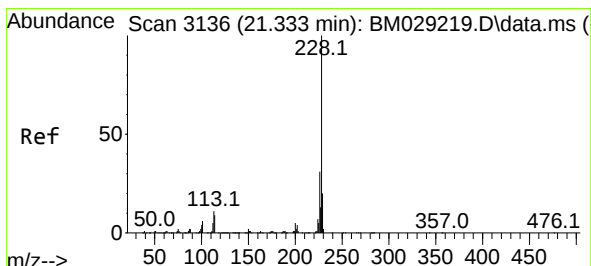
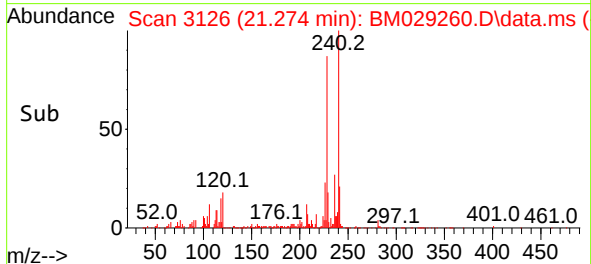
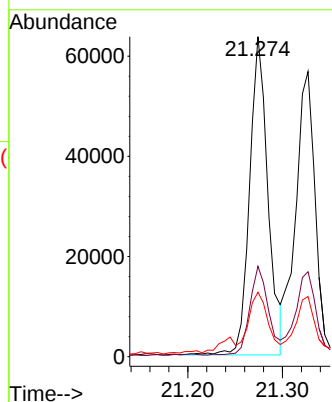
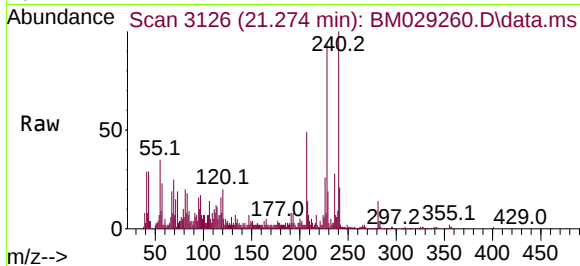




#81
Benzo(a)anthracene
Concen: 2.25 ng
RT: 21.274 min Scan# 3126
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

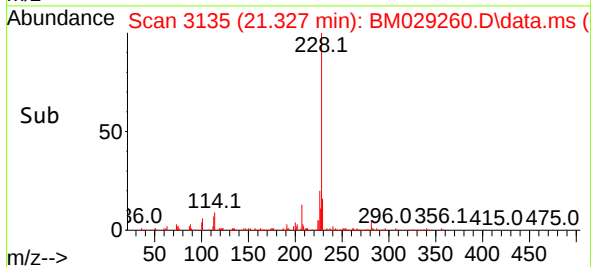
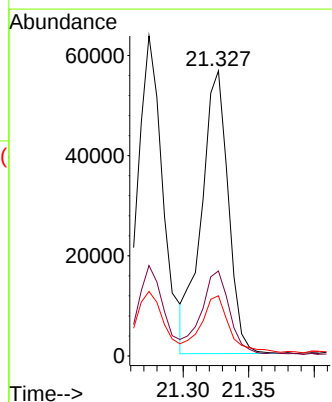
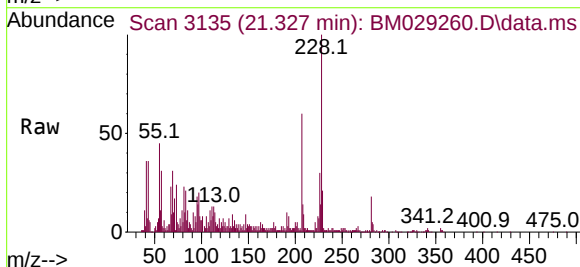
Instrument :
BNA_M
ClientSampleId :
FS-SB14(15-16)

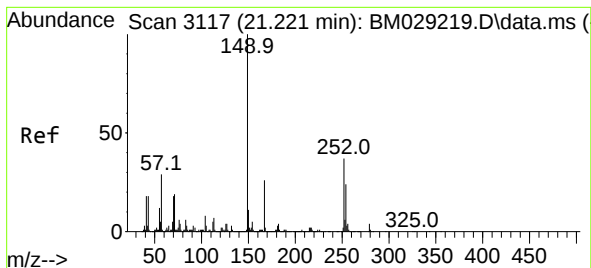
Tgt Ion:228 Resp: 85838
Ion Ratio Lower Upper
228 100
226 28.3 21.9 32.9
229 20.2 15.7 23.5



#83
Chrysene
Concen: 2.10 ng
RT: 21.327 min Scan# 3135
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:228 Resp: 80382
Ion Ratio Lower Upper
228 100
226 29.8 24.7 37.1
229 21.1 15.8 23.6



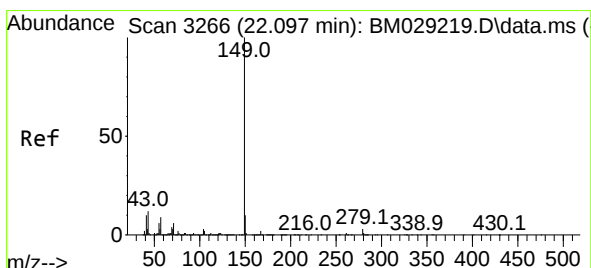
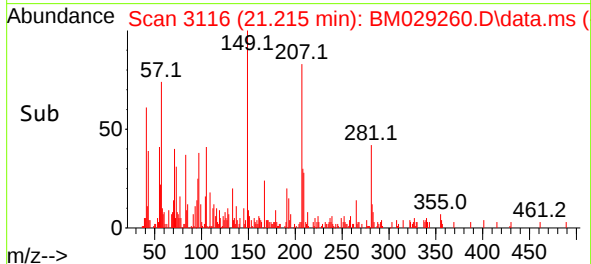
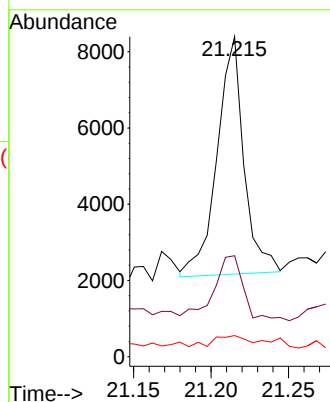
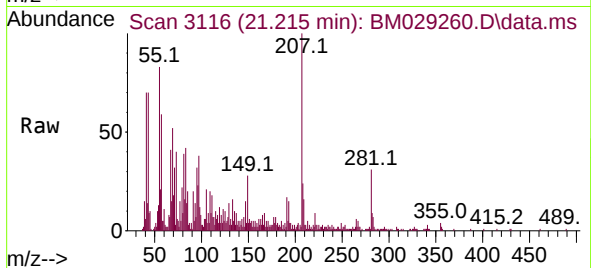


#84

Bis(2-ethylhexyl)phthalate
Concen: 3.88 ng
RT: 21.215 min Scan# 3116
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Instrument :
BNA_M
ClientSampleId :
FS-SB14(15-16)

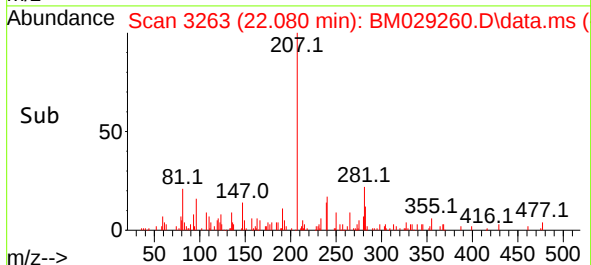
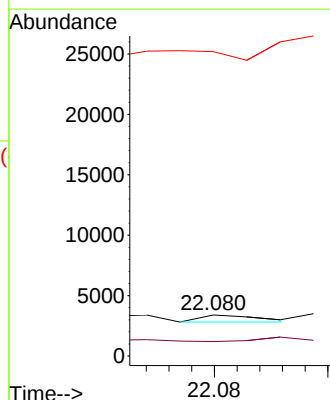
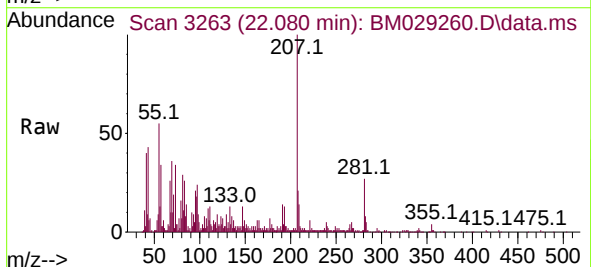
Tgt Ion:149 Resp: 7513
Ion Ratio Lower Upper
149 100
167 31.6 20.6 31.0#
279 6.6 3.3 4.9#

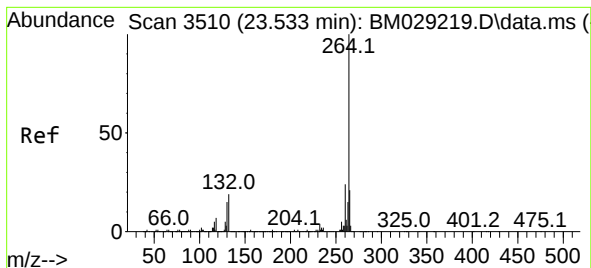


#85

Di-n-octyl phthalate
Concen: 4.07 ng
RT: 22.080 min Scan# 3263
Delta R.T. -0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:149 Resp: 417
Ion Ratio Lower Upper
149 100
167 53.7 1.3 1.9#
43 0.0 9.8 14.6#

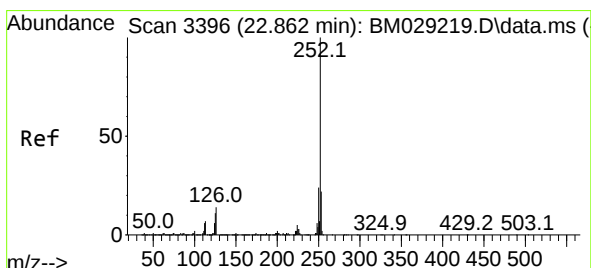
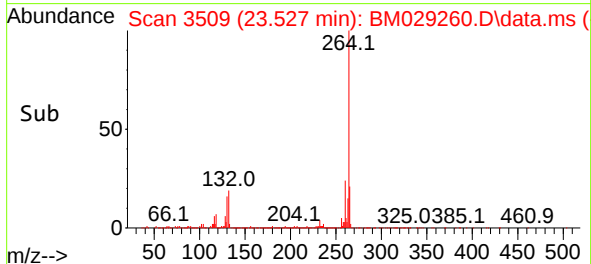
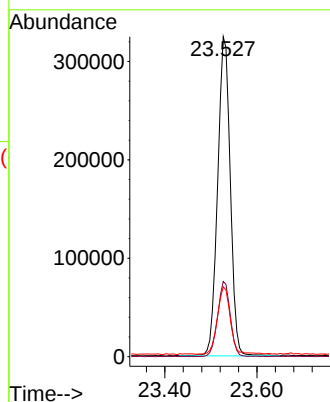
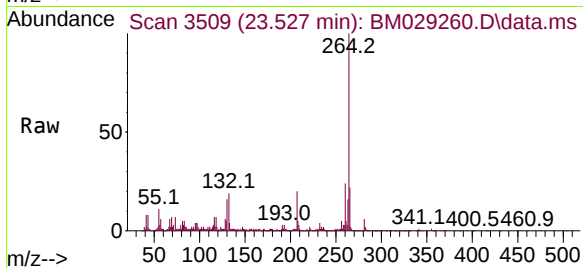




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.527 min Scan# 3509
Delta R.T. 0.006 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

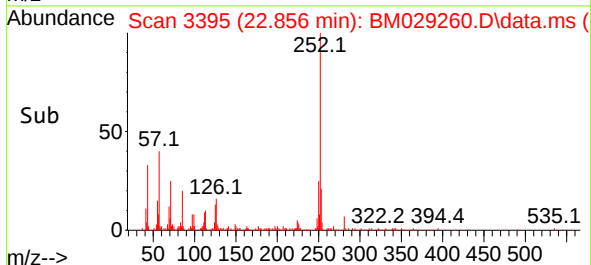
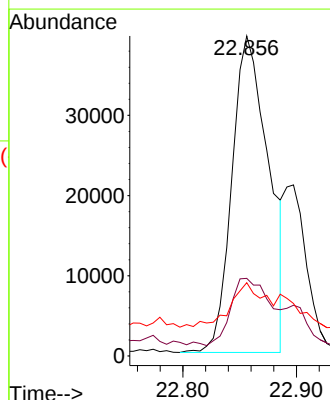
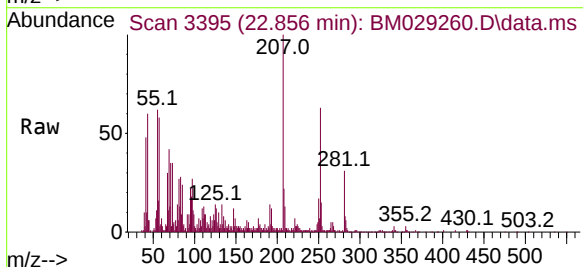
Instrument :
BNA_M
ClientSampleId :
FS-SB14(15-16)

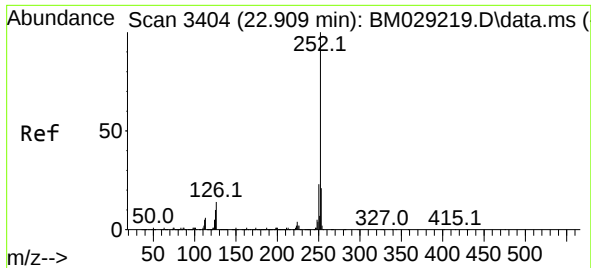
Tgt Ion:264 Resp: 617872
Ion Ratio Lower Upper
264 100
260 23.5 19.6 29.4
265 21.8 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 2.21 ng
RT: 22.856 min Scan# 3395
Delta R.T. 0.012 min
Lab File: BM029260.D
Acq: 30 Mar 2021 00:46

Tgt Ion:252 Resp: 88708
Ion Ratio Lower Upper
252 100
253 24.2 17.6 26.4
125 22.9 9.0 13.4#





#89

Benzo(k)fluoranthene

Concen: 2.27 ng

RT: 22.856 min Scan# 3395

Delta R.T. -0.036 min

Lab File: BM029260.D

Acq: 30 Mar 2021 00:46

Instrument :

BNA_M

ClientSampleId :

FS-SB14(15-16)

Tgt Ion:252 Resp: 88708

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

125 22.9 8.7 13.1#

