

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032921\
 Data File : BM029267.D
 Acq On : 30 Mar 2021 05:00
 Operator : CG/JU
 Sample : M1826-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR200035

Quant Time: Mar 30 06:28:15 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)

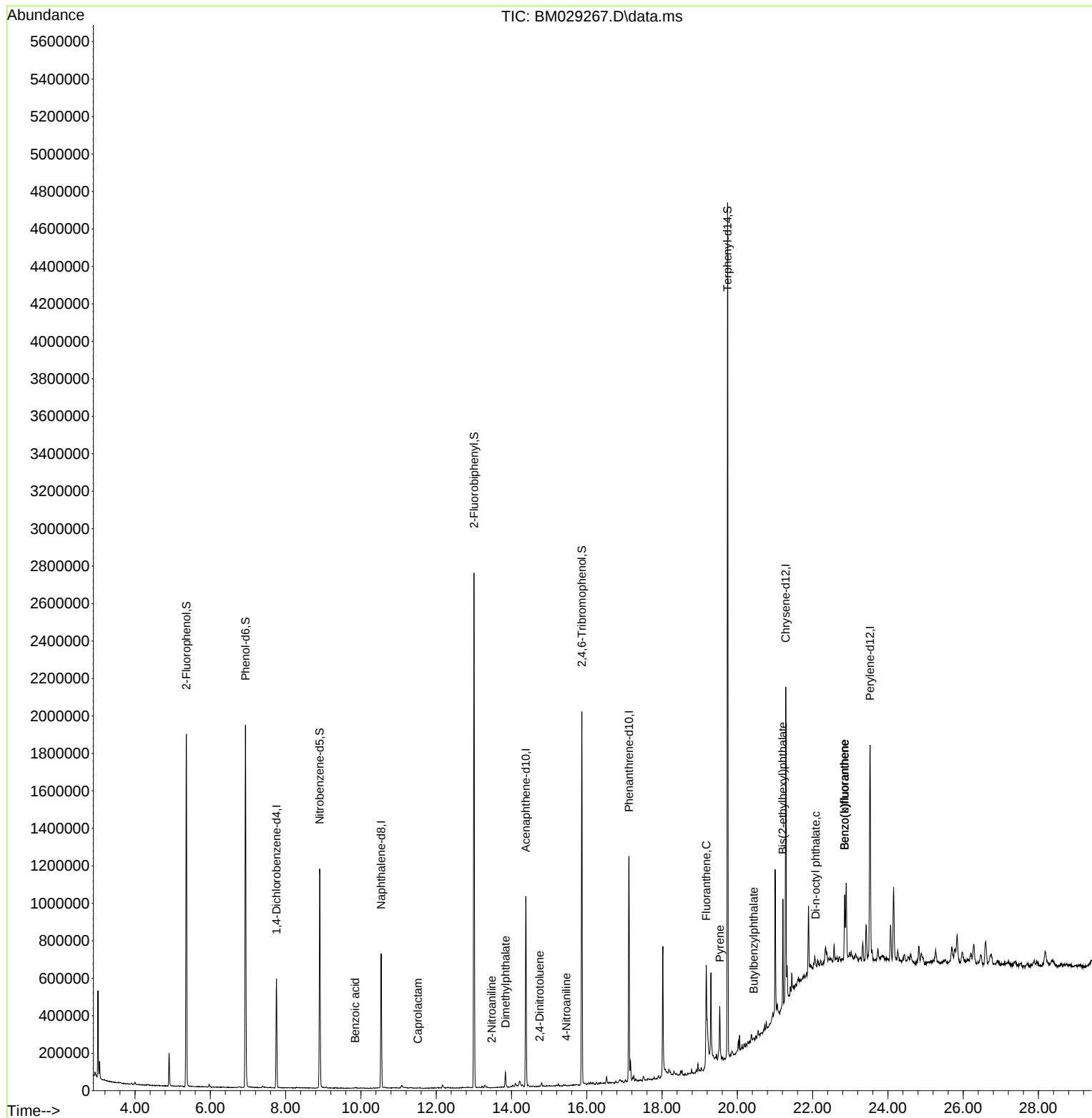
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	140949	20.00	ng	0.00
21) Naphthalene-d8	10.539	136	555516	20.00	ng	0.00
39) Acenaphthene-d10	14.380	164	321547	20.00	ng	0.00
64) Phenanthrene-d10	17.121	188	677527	20.00	ng	0.00
76) Chrysene-d12	21.286	240	686096	20.00	ng	0.00
86) Perylene-d12	23.527	264	710419	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.363	112	738881	90.36	ng	0.01
7) Phenol-d6	6.934	99	965490	82.28	ng	0.01
23) Nitrobenzene-d5	8.904	82	676368	59.11	ng	0.00
42) 2,4,6-Tribromophenol	15.868	330	275052	92.37	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	1283421	56.62	ng	0.00
79) Terphenyl-d14	19.739	244	1839883	53.87	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.845	122	63	4.48	ng	# 1
35) Caprolactam	11.510	113	58	4.89	ng	# 1
48) 2-Nitroaniline	13.474	65	216	3.31	ng	# 9
50) Dimethylphthalate	13.839	163	45189	2.01	ng	98
57) 2,4-Dinitrotoluene	14.751	165	126	3.19	ng	# 17
62) 4-Nitroaniline	15.457	138	75	3.59	ng	# 63
75) Fluoranthene	19.174	202	173806	4.00	ng	99
78) Pyrene	19.533	202	154293	3.32	ng	99
80) Butylbenzylphthalate	20.433	149	3402	3.76	ng	# 70
84) Bis(2-ethylhexyl)phtha...	21.209	149	180723	10.13	ng	98
85) Di-n-octyl phthalate	22.086	149	5285	4.18	ng	# 1
88) Benzo(b)fluoranthene	22.850	252	169845	3.67	ng	# 89
89) Benzo(k)fluoranthene	22.850	252	169845	3.78	ng	# 89

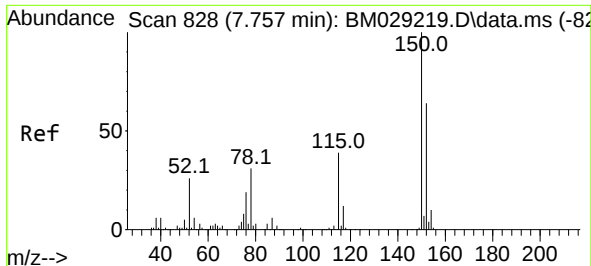
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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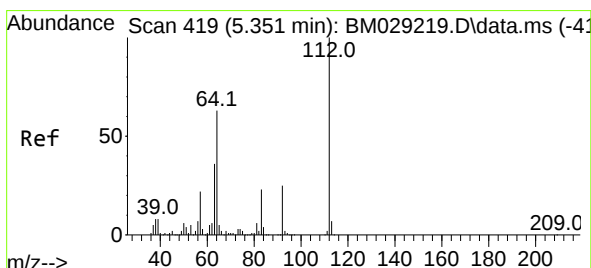
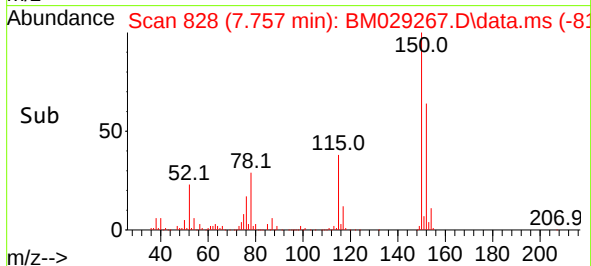
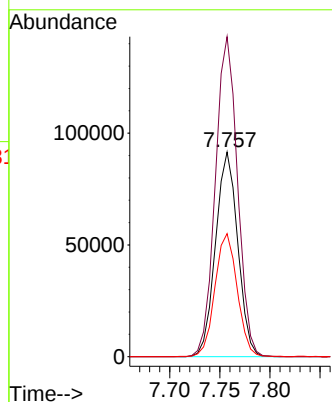
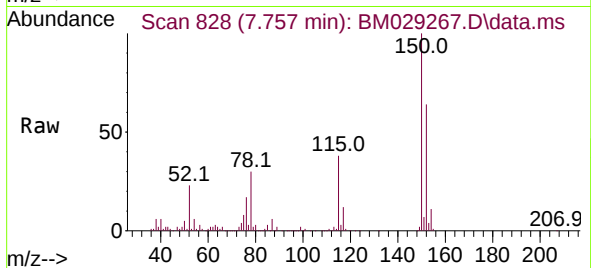




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.757 min Scan# 828
Delta R.T. 0.005 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

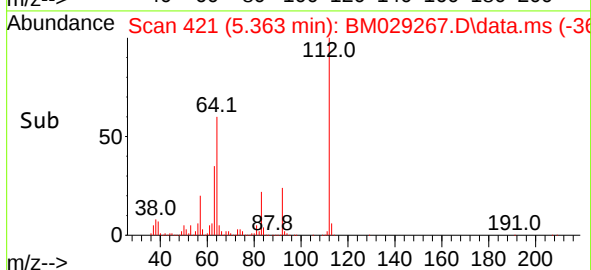
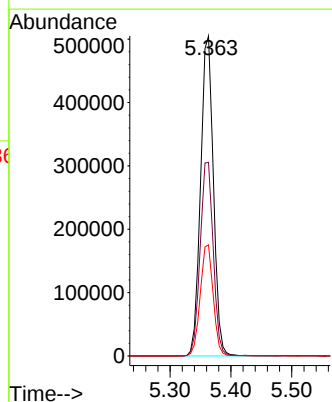
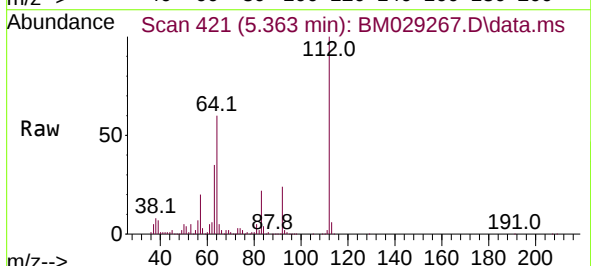
Instrument :
BNA_M
ClientSampleId :
RO-RBR200035

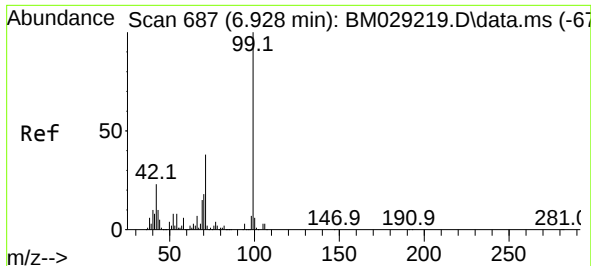
Tgt Ion:152 Resp: 140949
Ion Ratio Lower Upper
152 100
150 156.4 124.3 186.5
115 60.1 46.4 69.6



#5
2-Fluorophenol
Concen: 90.36 ng
RT: 5.363 min Scan# 421
Delta R.T. 0.012 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:112 Resp: 738881
Ion Ratio Lower Upper
112 100
64 60.5 51.6 77.4
63 34.7 29.0 43.4

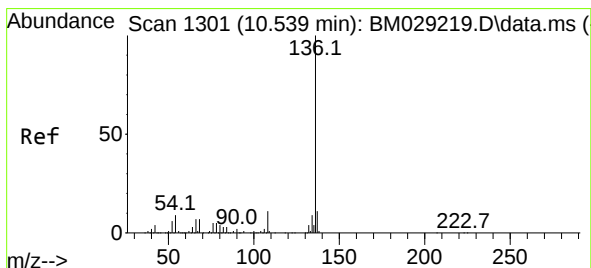
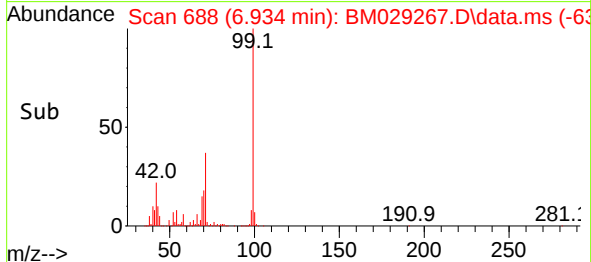
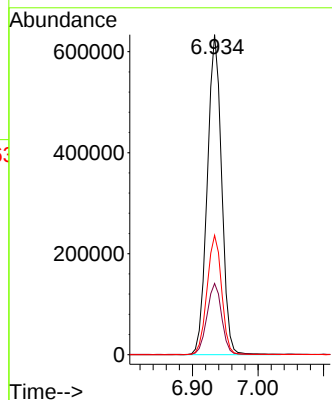
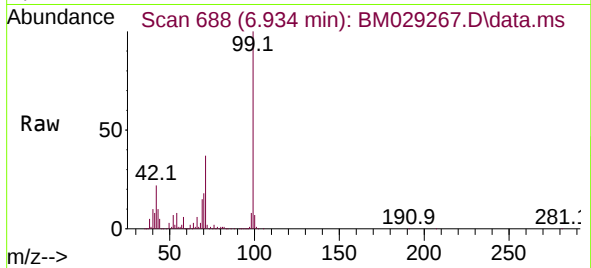




#7
Phenol-d6
Concen: 82.28 ng
RT: 6.934 min Scan# 688
Delta R.T. 0.012 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

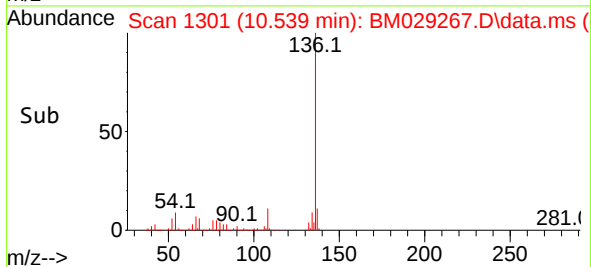
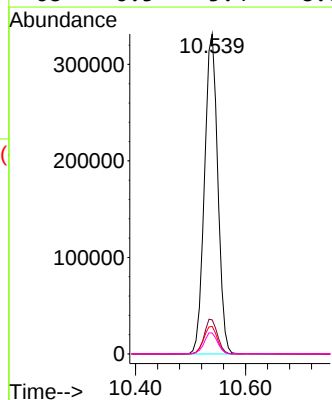
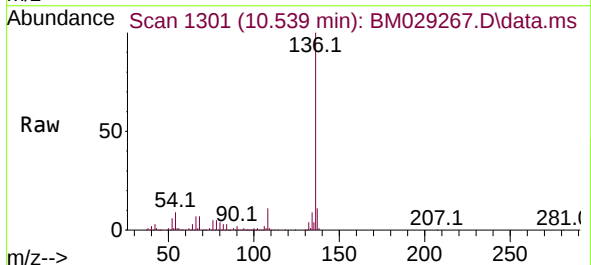
Instrument :
BNA_M
ClientSampleId :
RO-RBR200035

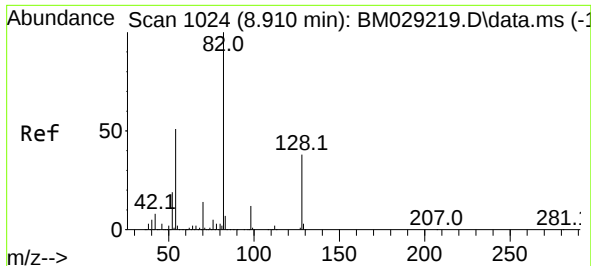
Tgt Ion: 99 Resp: 965490
Ion Ratio Lower Upper
99 100
42 22.3 18.5 27.7
71 37.3 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.539 min Scan# 1301
Delta R.T. 0.006 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion: 136 Resp: 555516
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 8.6 6.9 10.3
68 6.5 5.4 8.0

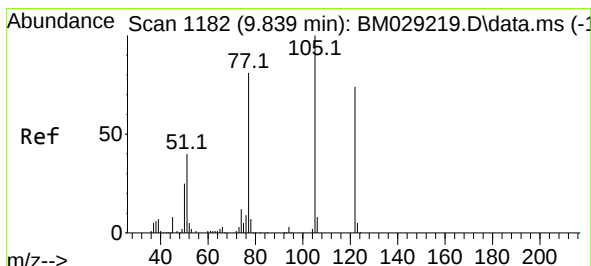
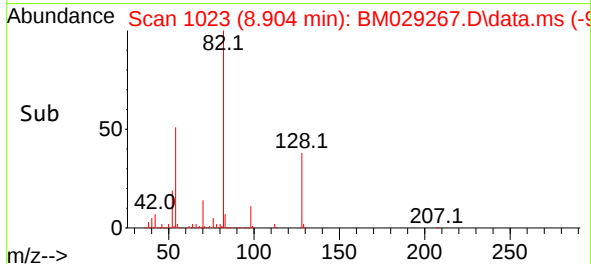
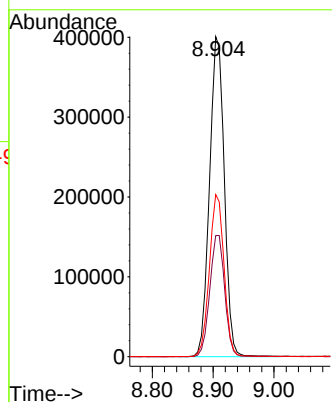
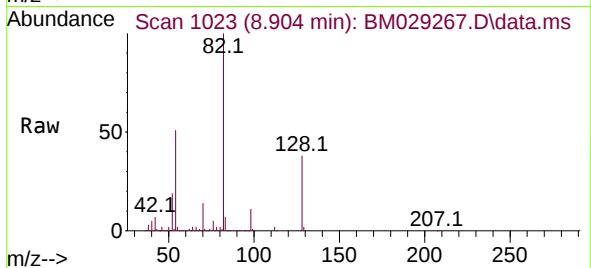




#23
Nitrobenzene-d5
Concen: 59.11 ng
RT: 8.904 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

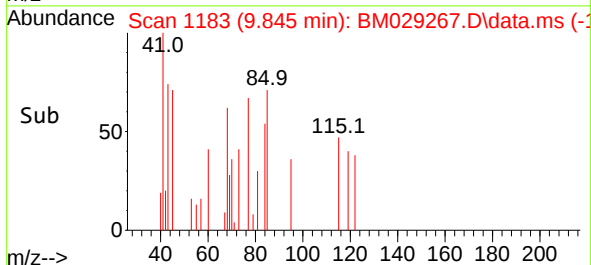
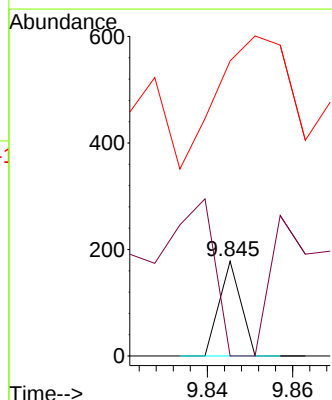
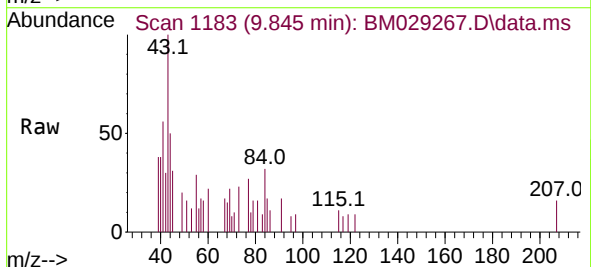
Instrument :
BNA_M
ClientSampleId :
RO-RBR200035

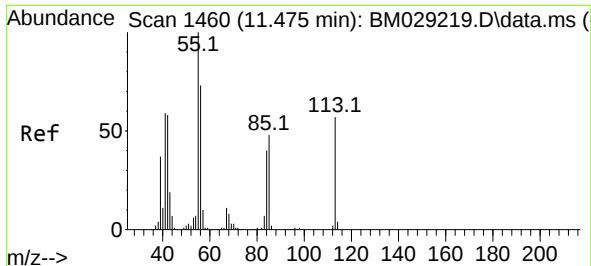
Tgt Ion: 82 Resp: 676368
Ion Ratio Lower Upper
82 100
128 37.9 28.6 42.8
54 50.7 40.7 61.1



#32
Benzoic acid
Concen: 4.48 ng
RT: 9.845 min Scan# 1183
Delta R.T. 0.017 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:122 Resp: 63
Ion Ratio Lower Upper
122 100
105 0.0 108.2 148.2#
77 311.2 86.0 126.0#

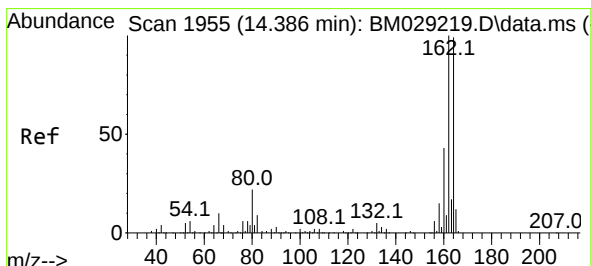
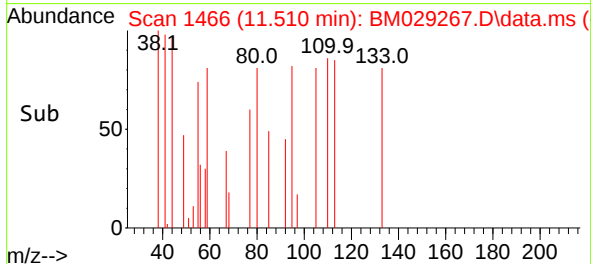
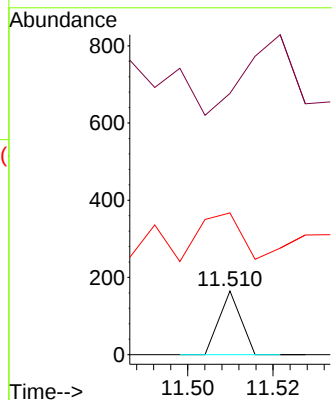
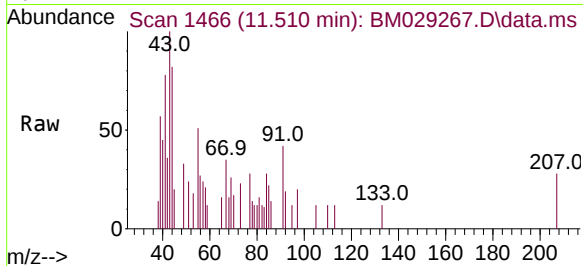




#35
Caprolactam
Concen: 4.89 ng
RT: 11.510 min Scan# 1466
Delta R.T. 0.047 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

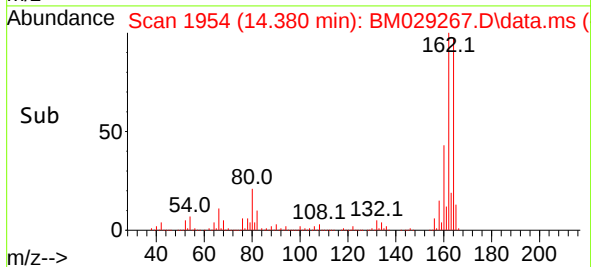
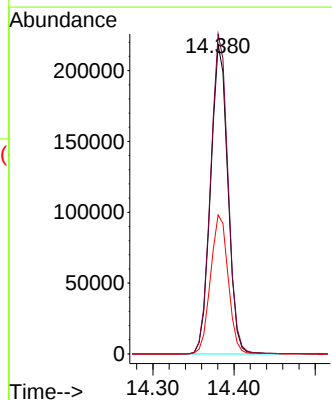
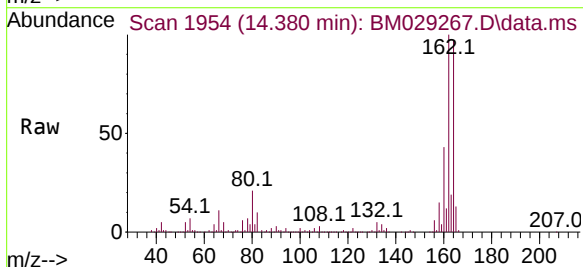
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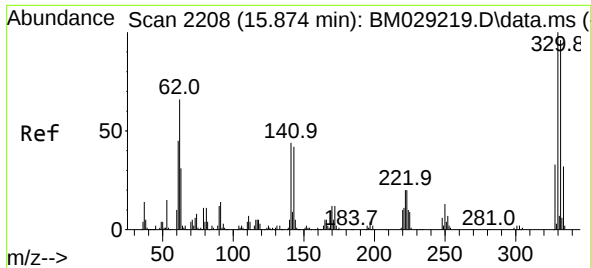
Tgt Ion:113 Resp: 58
Ion Ratio Lower Upper
113 100
55 410.3 149.4 189.4#
56 222.4 110.8 150.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.380 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:164 Resp: 321547
Ion Ratio Lower Upper
164 100
162 103.4 84.4 126.6
160 44.9 36.6 54.8

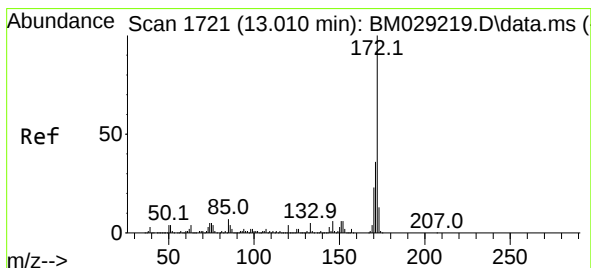
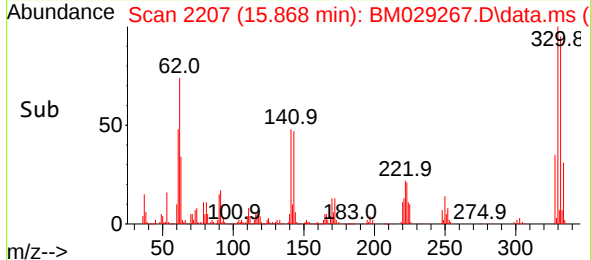
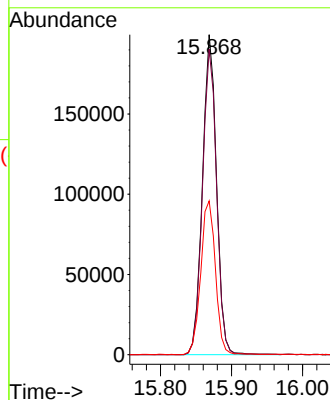
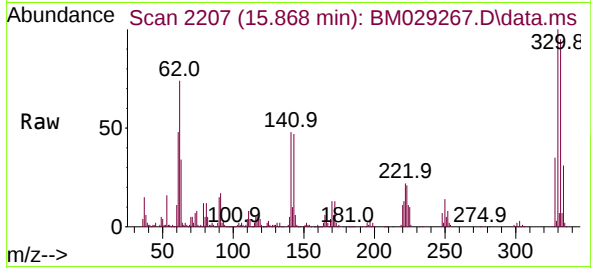




#42
2,4,6-Tribromophenol
Concen: 92.37 ng
RT: 15.868 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

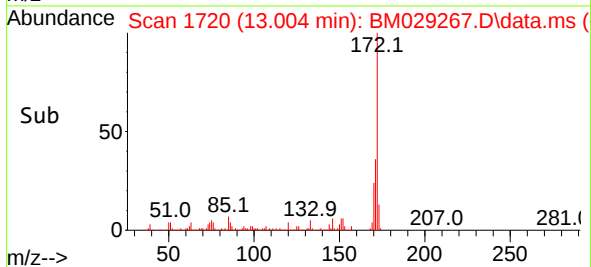
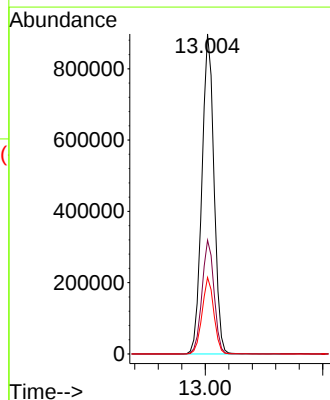
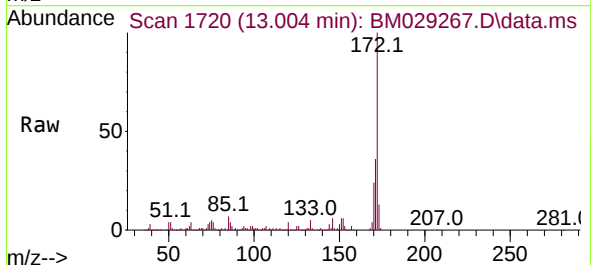
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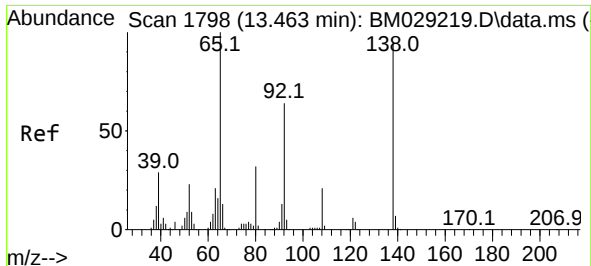
Tgt Ion:330 Resp: 275052
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 50.5 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 56.62 ng
RT: 13.004 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:172 Resp: 1283421
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.9 18.8 28.2

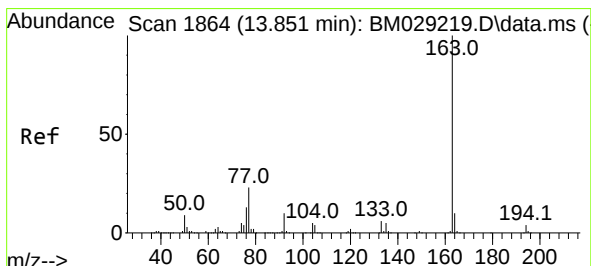
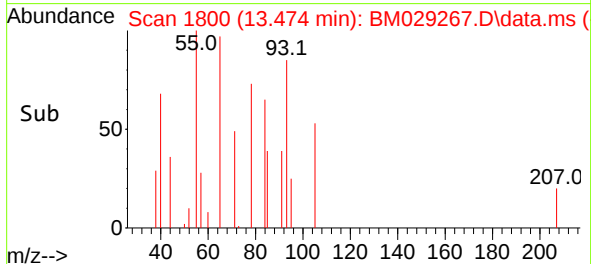
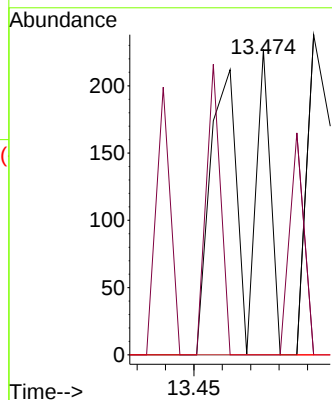
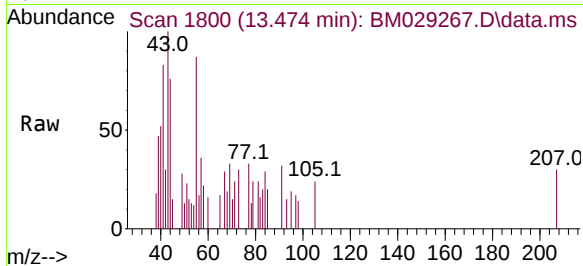




#48
2-Nitroaniline
Concen: 3.31 ng
RT: 13.474 min Scan# 1800
Delta R.T. 0.023 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

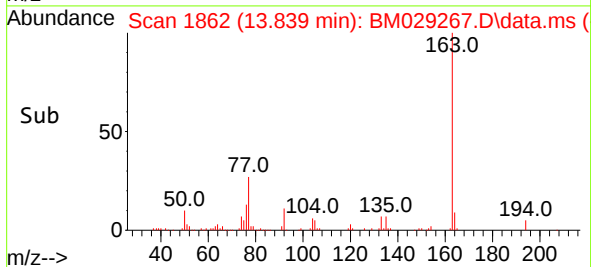
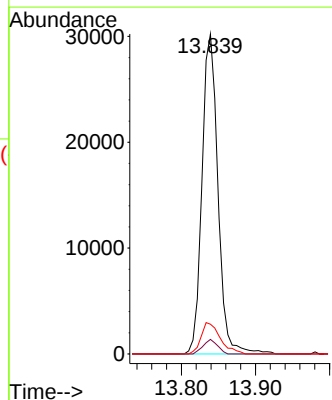
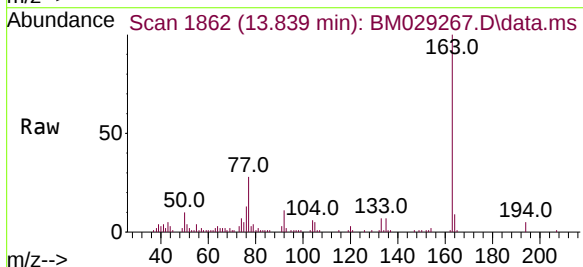
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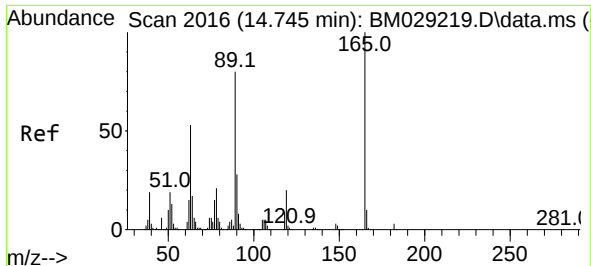
Tgt Ion: 65 Resp: 216
Ion Ratio Lower Upper
65 100
92 0.0 52.4 78.6#
138 0.0 75.0 112.6#



#50
Dimethylphthalate
Concen: 2.01 ng
RT: 13.839 min Scan# 1862
Delta R.T. -0.000 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:163 Resp: 45189
Ion Ratio Lower Upper
163 100
194 4.5 3.2 4.8
164 9.3 7.9 11.9

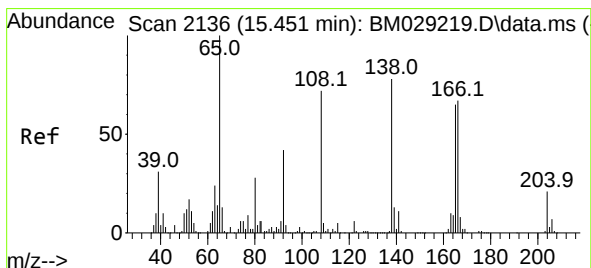
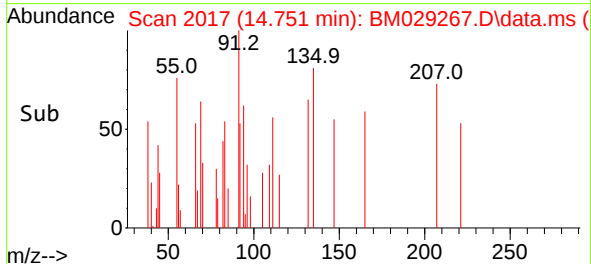
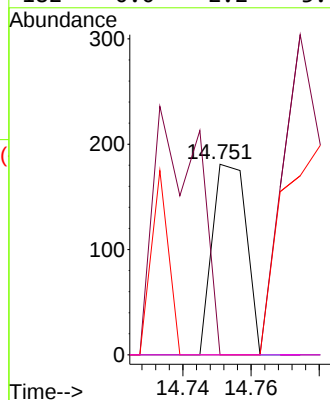
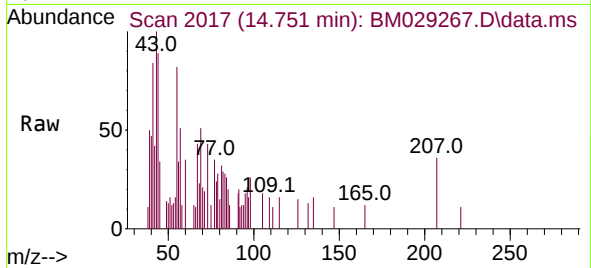




#57
2,4-Dinitrotoluene
Concen: 3.19 ng
RT: 14.751 min Scan# 2017
Delta R.T. 0.012 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

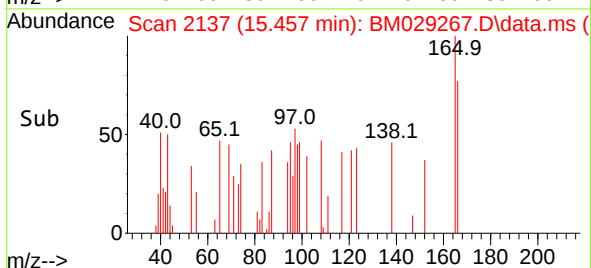
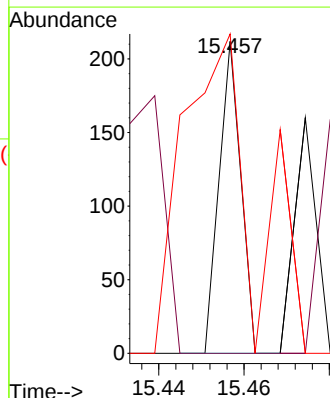
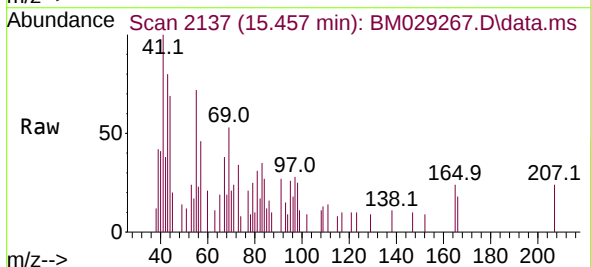
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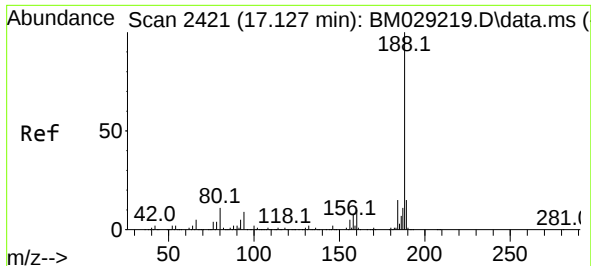
Tgt Ion:	165	Resp:	126
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.4#
89	0.0	65.6	98.4#
182	0.0	2.2	3.4#



#62
4-Nitroaniline
Concen: 3.59 ng
RT: 15.457 min Scan# 2137
Delta R.T. 0.017 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:	138	Resp:	75
Ion	Ratio	Lower	Upper
138	100		
92	0.0	38.2	78.2#
108	102.4	71.7	111.7

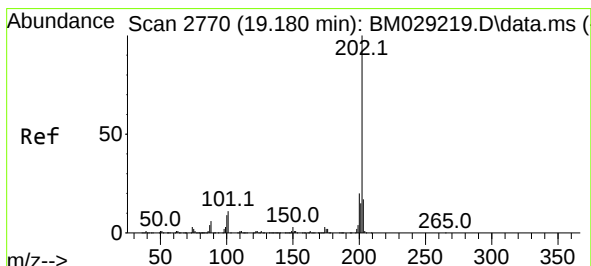
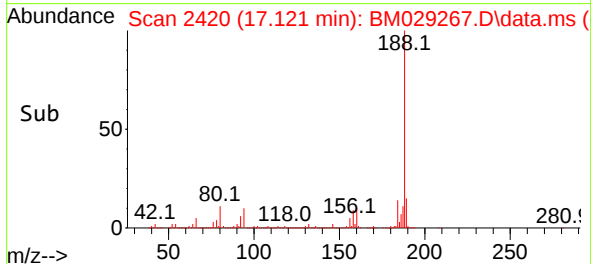
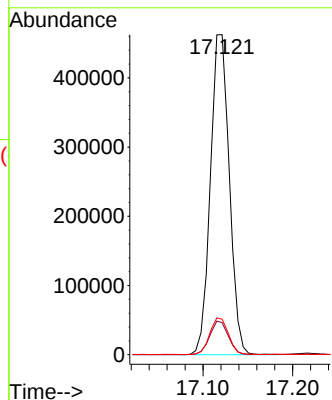
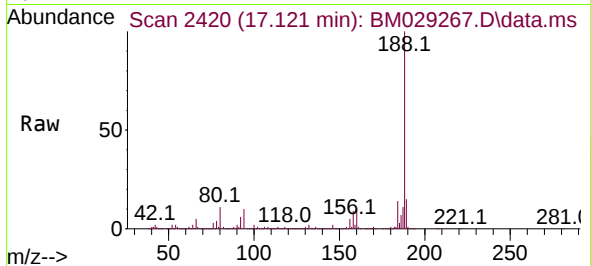




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.121 min Scan# 2420
Delta R.T. 0.006 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

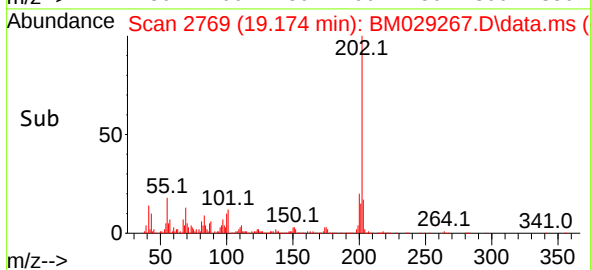
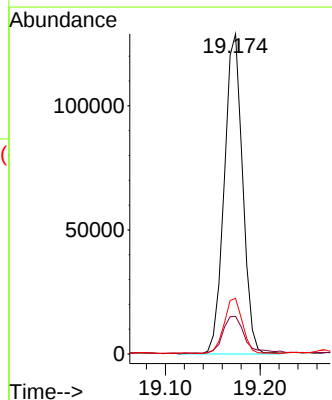
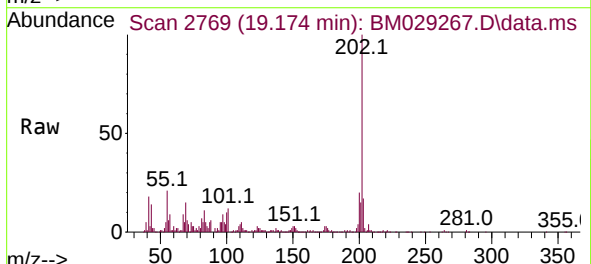
Instrument :
BNA_M
ClientSampleId :
RO-RBR200035

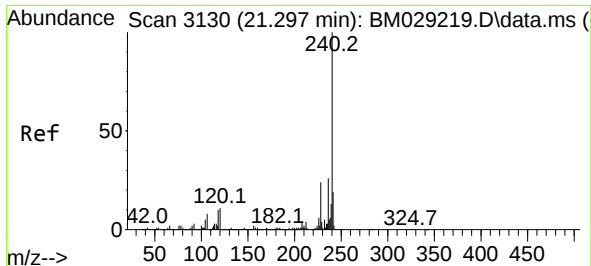
Tgt Ion:188 Resp: 677527
Ion Ratio Lower Upper
188 100
94 10.0 8.1 12.1
80 11.1 9.2 13.8



#75
Fluoranthene
Concen: 4.00 ng
RT: 19.174 min Scan# 2769
Delta R.T. 0.006 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:202 Resp: 173806
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.5
203 17.4 0.0 37.7

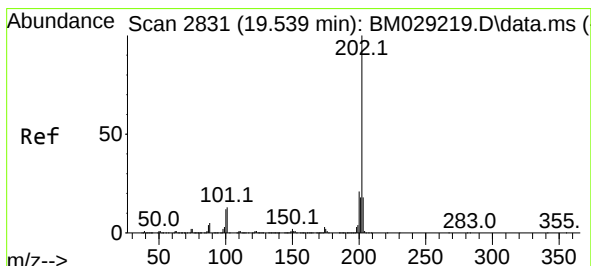
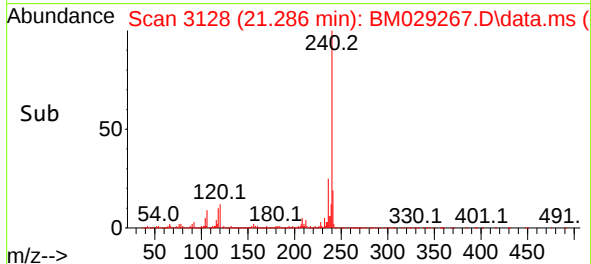
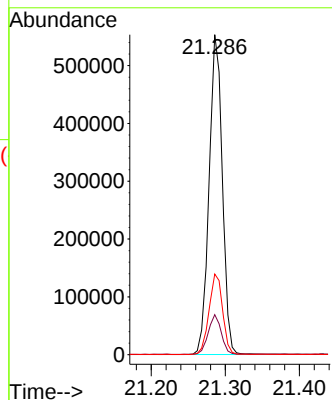
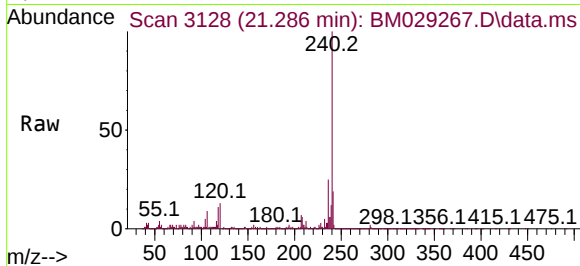




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.286 min Scan# 3128
Delta R.T. -0.000 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

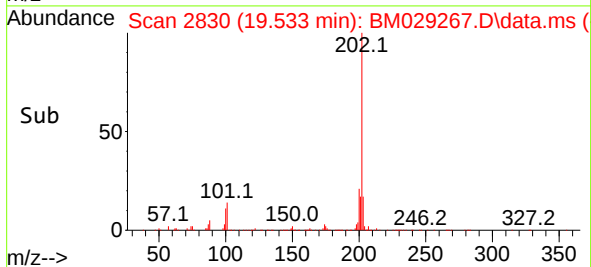
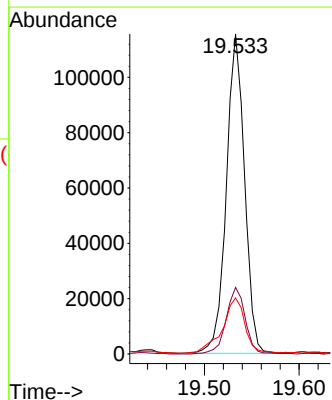
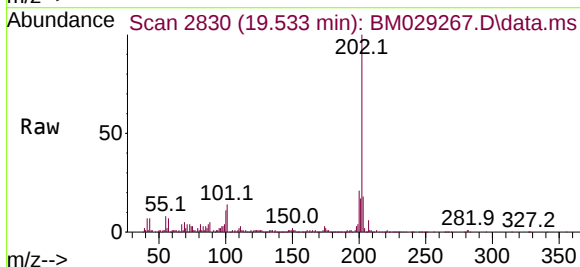
Instrument :
BNA_M
ClientSampleId :
RO-RBR200035

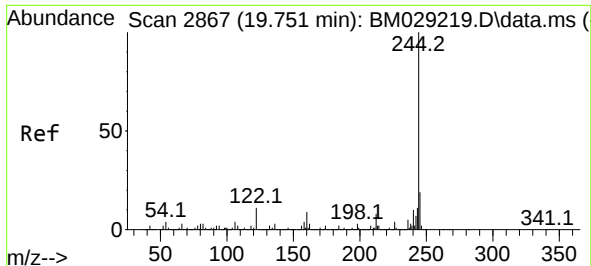
Tgt Ion:240 Resp: 686096
Ion Ratio Lower Upper
240 100
120 12.5 9.0 13.6
236 25.2 20.3 30.5



#78
Pyrene
Concen: 3.32 ng
RT: 19.533 min Scan# 2830
Delta R.T. -0.000 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Tgt Ion:202 Resp: 154293
Ion Ratio Lower Upper
202 100
200 20.8 17.0 25.6
203 17.5 14.1 21.1

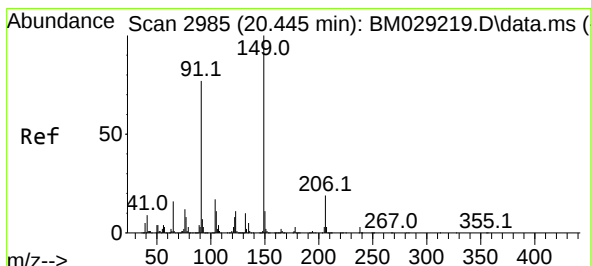
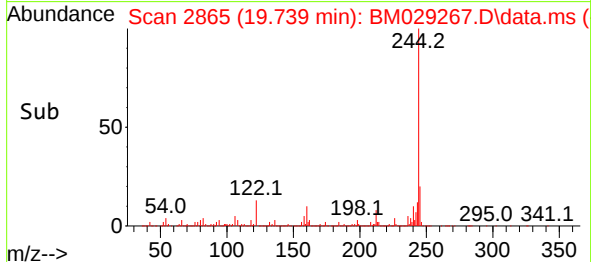
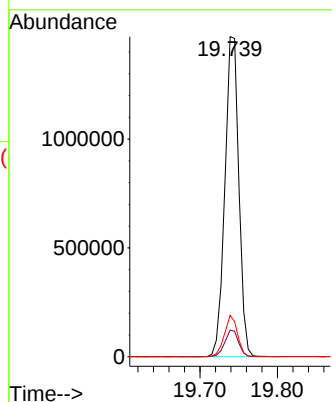
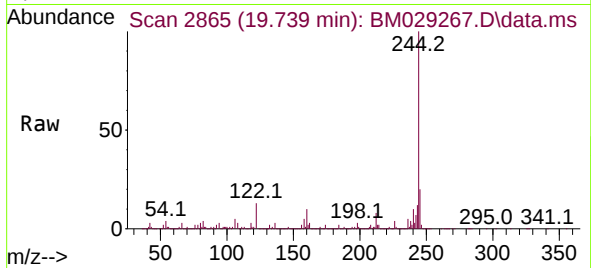




#79
 Terphenyl-d14
 Concen: 53.87 ng
 RT: 19.739 min Scan# 2865
 Delta R.T. -0.000 min
 Lab File: BM029267.D
 Acq: 30 Mar 2021 05:00

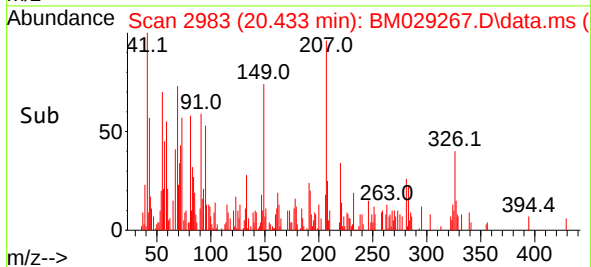
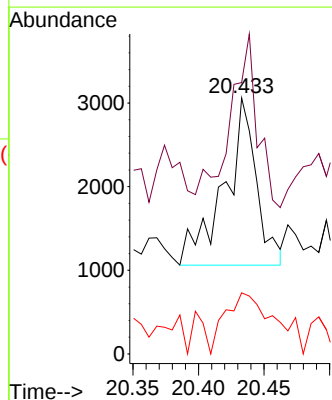
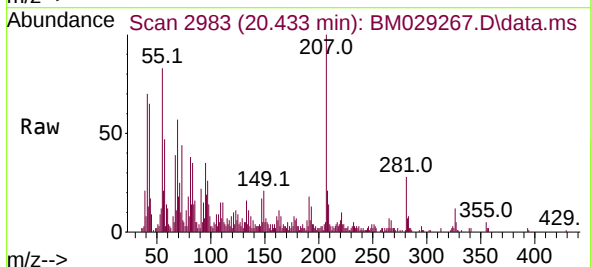
Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR200035

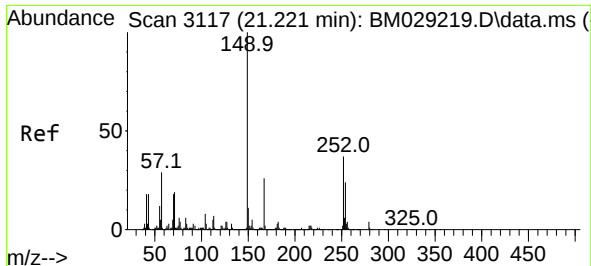
Tgt Ion:244 Resp: 1839883
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 12.9 9.2 13.8



#80
 Butylbenzylphthalate
 Concen: 3.76 ng
 RT: 20.433 min Scan# 2983
 Delta R.T. -0.000 min
 Lab File: BM029267.D
 Acq: 30 Mar 2021 05:00

Tgt Ion:149 Resp: 3402
 Ion Ratio Lower Upper
 149 100
 91 106.0 60.5 90.7#
 206 23.9 15.7 23.5#

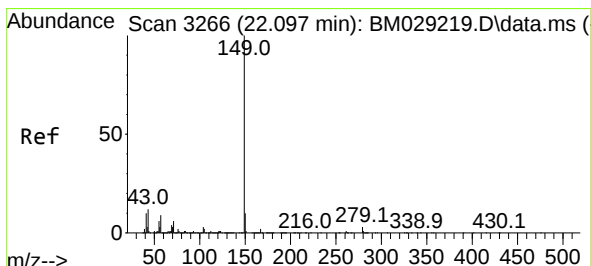
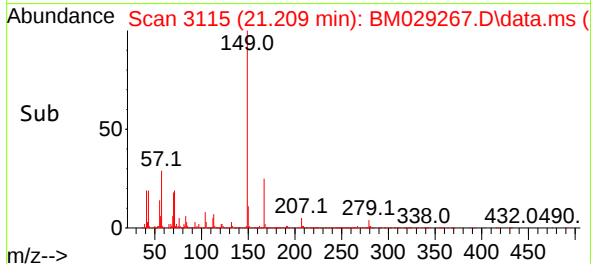
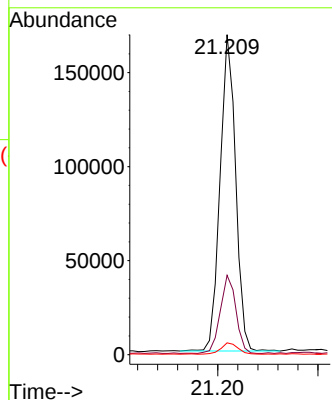
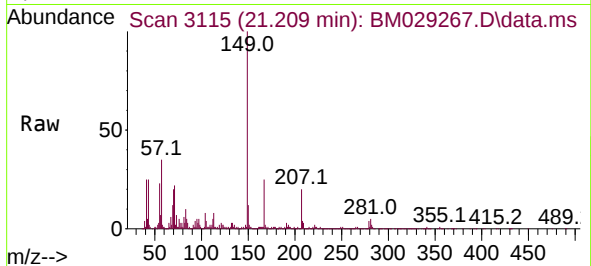




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 10.13 ng
 RT: 21.209 min Scan# 3115
 Delta R.T. -0.000 min
 Lab File: BM029267.D
 Acq: 30 Mar 2021 05:00

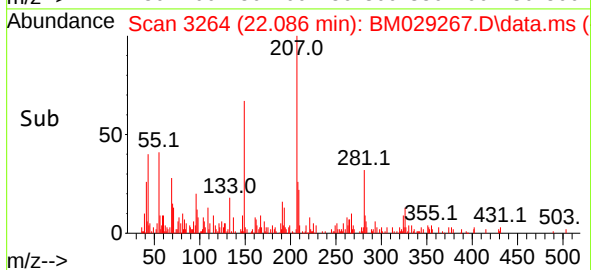
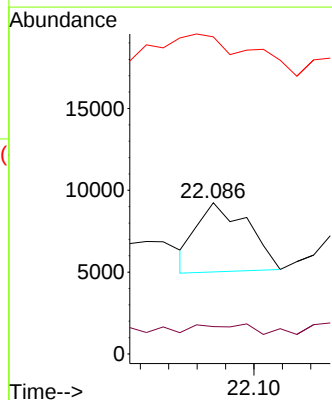
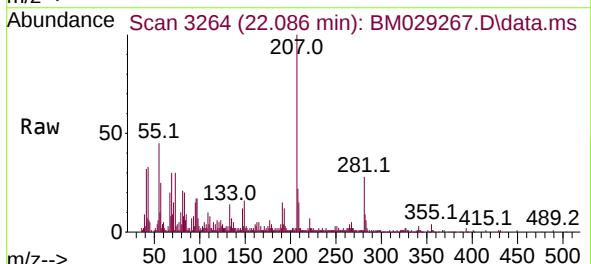
Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR200035

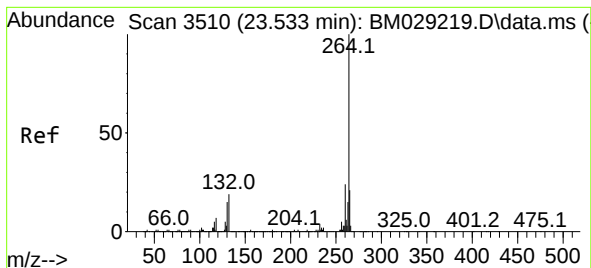
Tgt Ion:149 Resp: 180723
 Ion Ratio Lower Upper
 149 100
 167 24.8 20.6 31.0
 279 3.7 3.3 4.9



#85
 Di-n-octyl phthalate
 Concen: 4.18 ng
 RT: 22.086 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: BM029267.D
 Acq: 30 Mar 2021 05:00

Tgt Ion:149 Resp: 5285
 Ion Ratio Lower Upper
 149 100
 167 16.9 1.3 1.9#
 43 85.6 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: BM029267.D

Acq: 30 Mar 2021 05:00

Tgt Ion:264 Resp: 710419

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

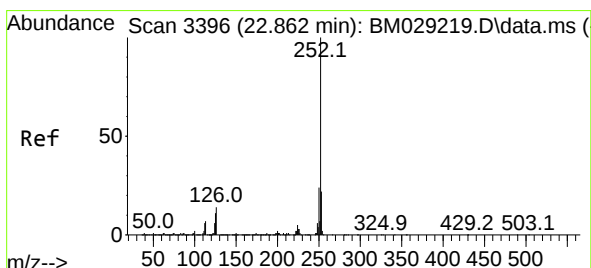
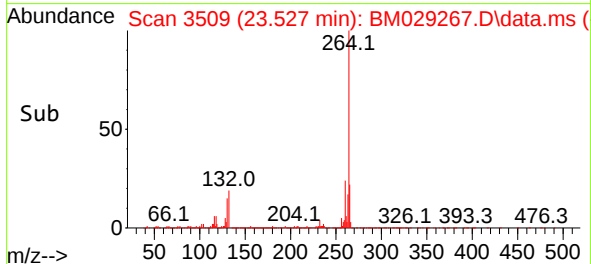
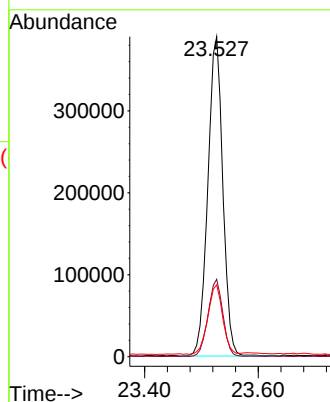
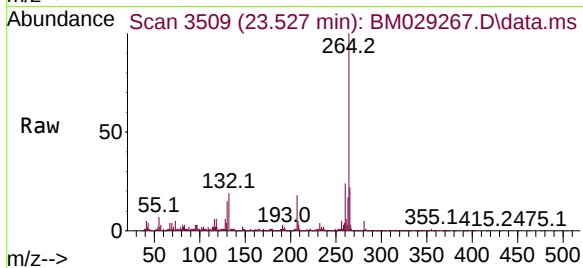
265 22.4 17.8 26.8

Instrument :

BNA_M

ClientSampleId :

RO-RBR200035



#88

Benzo(b)fluoranthene

Concen: 3.67 ng

RT: 22.850 min Scan# 3394

Delta R.T. 0.006 min

Lab File: BM029267.D

Acq: 30 Mar 2021 05:00

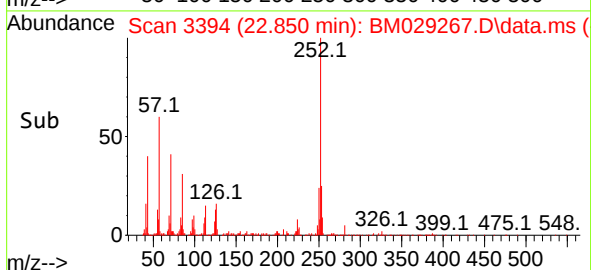
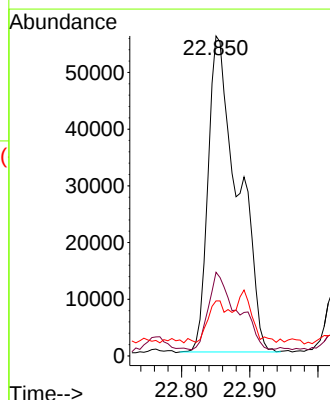
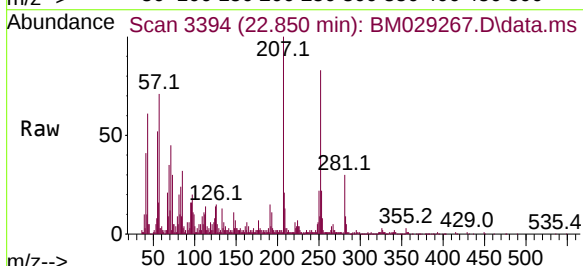
Tgt Ion:252 Resp: 169845

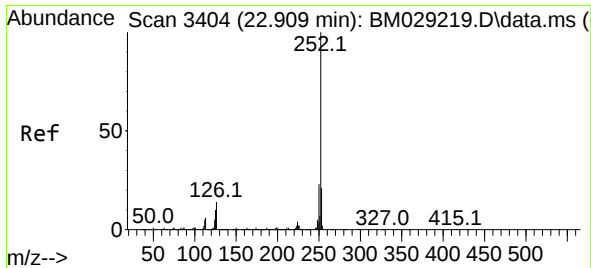
Ion Ratio Lower Upper

252 100

253 26.2 17.6 26.4

125 17.2 9.0 13.4#





#89
Benzo(k)fluoranthene
Concen: 3.78 ng
RT: 22.850 min Scan# 3394
Delta R.T. -0.041 min
Lab File: BM029267.D
Acq: 30 Mar 2021 05:00

Instrument :
BNA_M
ClientSampleId :
RO-RBR200035

Tgt Ion:252 Resp: 169845
Ion Ratio Lower Upper
252 100
253 26.2 17.6 26.4
125 17.2 8.7 13.1#

