

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030521\
 Data File : BM029007.D
 Acq On : 05 Mar 2021 21:56
 Operator : CG/JU
 Sample : M1551-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VEOLIA-VNJ-204

Quant Time: Mar 06 00:27:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

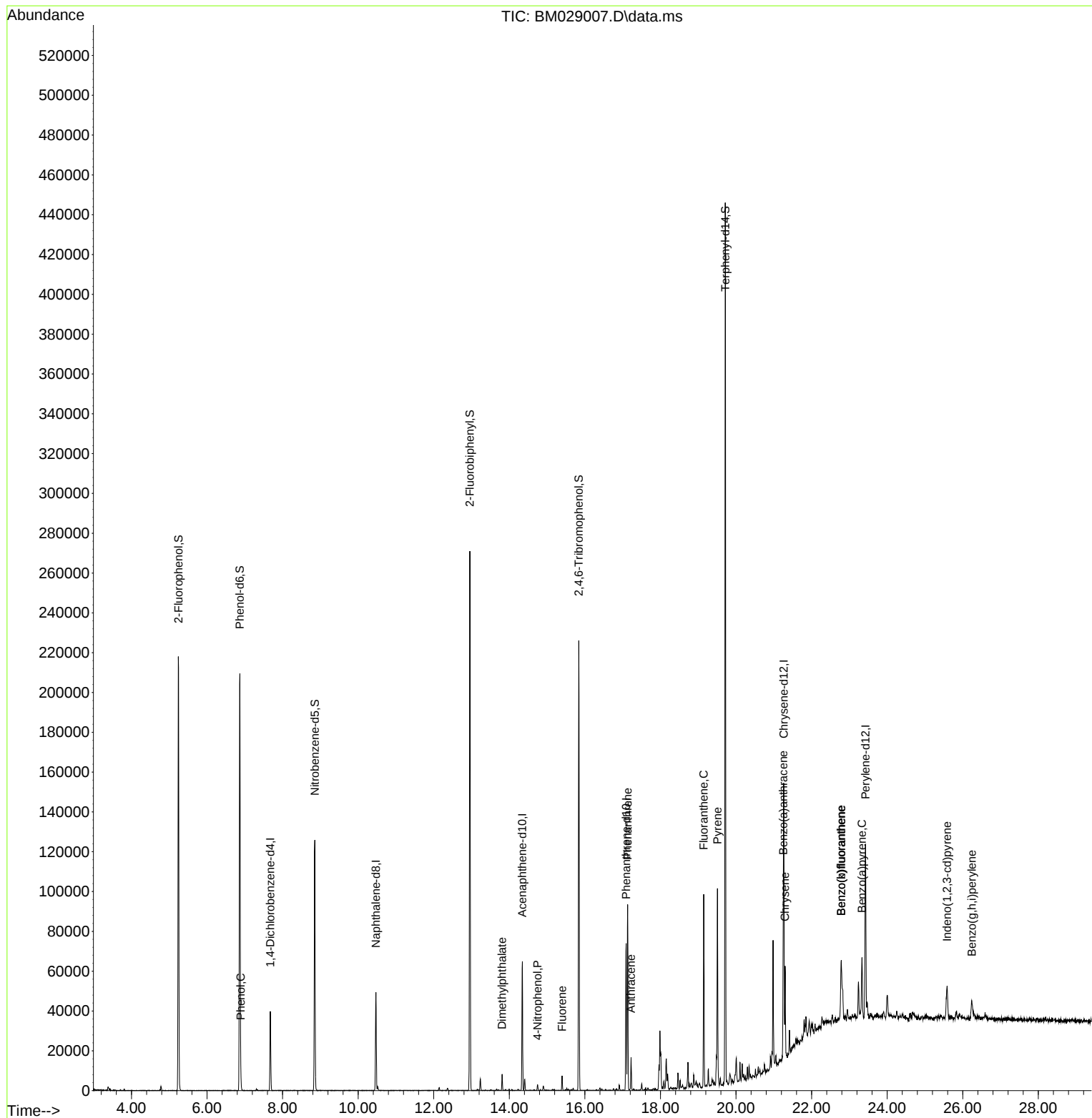
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	9819	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	37158	20.00	ng	# 0.00
39) Acenaphthene-d10	14.345	164	20863	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	42930	20.00	ng	0.00
76) Chrysene-d12	21.262	240	48768	20.00	ng	#-0.01
86) Perylene-d12	23.427	264	51593	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	79697	134.53	ng	0.00
7) Phenol-d6	6.869	99	97411	124.50	ng	0.00
23) Nitrobenzene-d5	8.851	82	60415	87.72	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	31550	127.60	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	122463	78.14	ng	0.00
79) Terphenyl-d14	19.715	244	168158	63.67	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.893	94	2032	2.61	ng	94
50) Dimethylphthalate	13.810	163	5233	3.31	ng	97
56) 4-Nitrophenol	14.745	139	933	3.17	ng	# 1
58) Fluorene	15.398	166	3571	2.21	ng	# 92
71) Phenanthrene	17.133	178	50738	19.85	ng	100
72) Anthracene	17.221	178	10360	4.09	ng	98
75) Fluoranthene	19.145	202	52340	18.63	ng	99
78) Pyrene	19.509	202	53855	15.03	ng	99
81) Benzo(a)anthracene	21.251	228	24431	7.22	ng	99
83) Chrysene	21.298	228	22706	6.88	ng	98
87) Indeno(1,2,3-cd)pyrene	25.586	276	11299	2.90	ng	# 95
88) Benzo(b)fluoranthene	22.786	252	32333	8.87	ng	# 96
89) Benzo(k)fluoranthene	22.786	252	32333	9.34	ng	# 96
90) Benzo(a)pyrene	23.333	252	19768	5.94	ng	# 94
92) Benzo(g,h,i)perylene	26.238	276	10875	3.33	ng	# 89

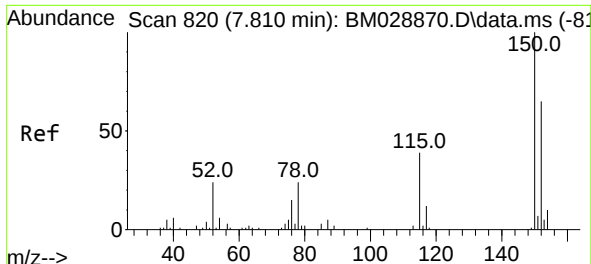
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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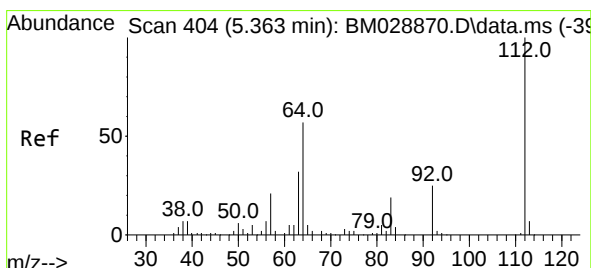
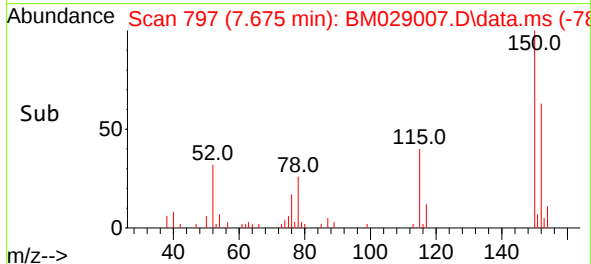
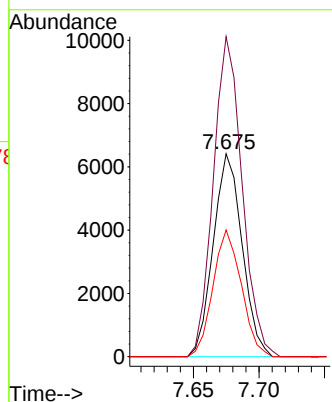
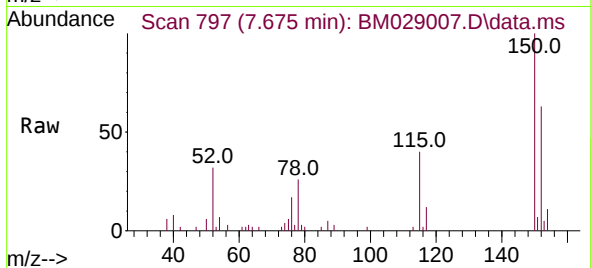




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 797
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

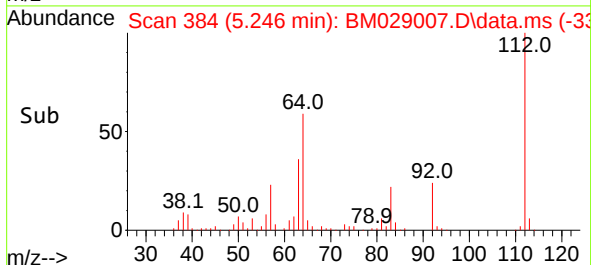
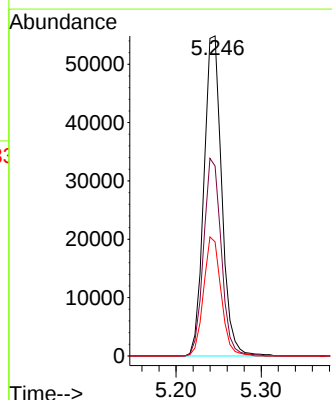
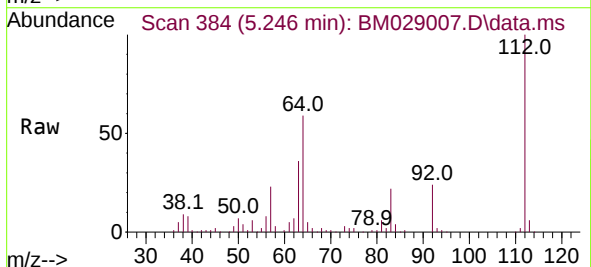
Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

Tgt Ion:152 Resp: 9819
Ion Ratio Lower Upper
152 100
150 157.8 120.6 181.0
115 62.5 47.2 70.8



#5
2-Fluorophenol
Concen: 134.53 ng
RT: 5.246 min Scan# 384
Delta R.T. 0.000 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:112 Resp: 79697
Ion Ratio Lower Upper
112 100
64 59.4 50.6 76.0
63 35.7 31.0 46.6

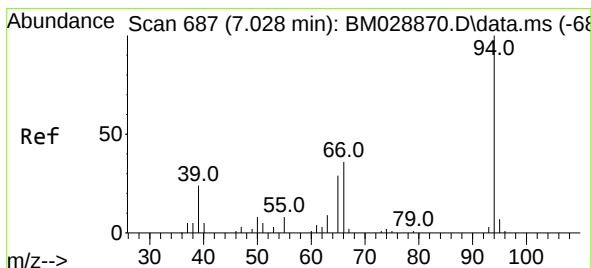
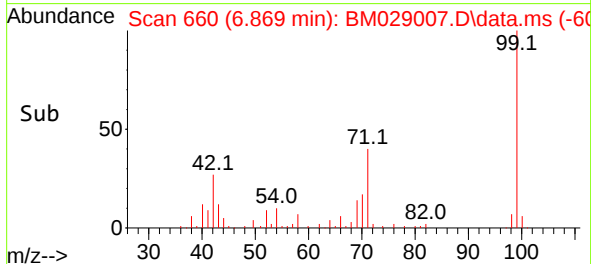
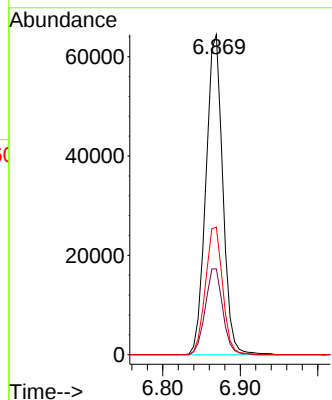
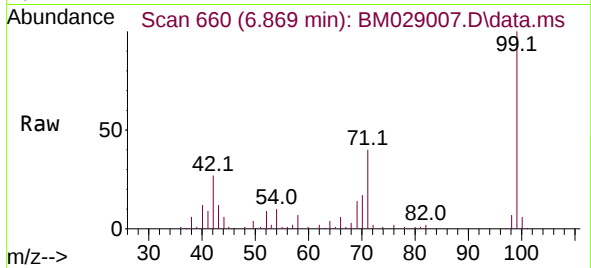




#7
Phenol-d6
Concen: 124.50 ng
RT: 6.869 min Scan# 660
Delta R.T. 0.000 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

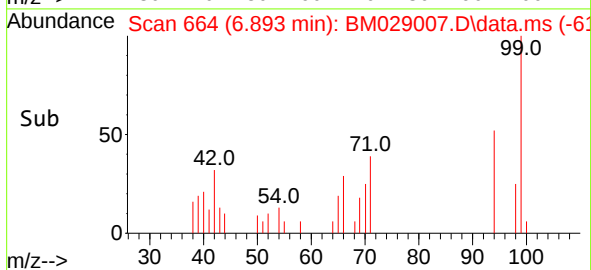
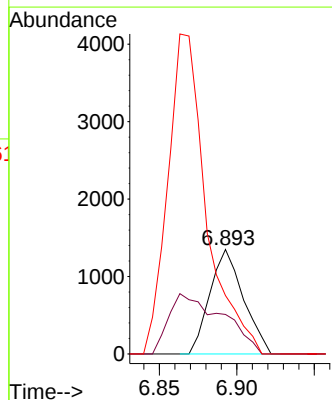
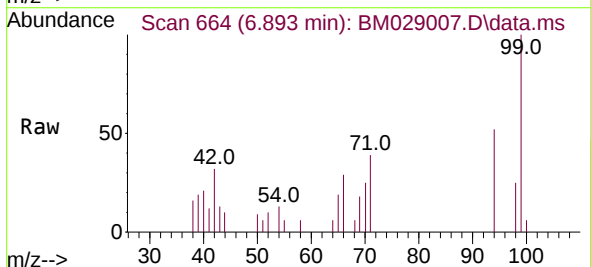
Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

Tgt Ion: 99 Resp: 97411
Ion Ratio Lower Upper
99 100
42 26.8 13.5 20.3#
71 39.8 39.4 59.0



#10
Phenol
Concen: 2.61 ng
RT: 6.893 min Scan# 664
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion: 94 Resp: 2032
Ion Ratio Lower Upper
94 100
65 37.8 16.4 56.4
66 55.9 30.2 70.2

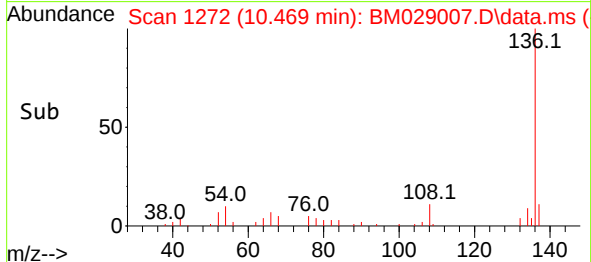
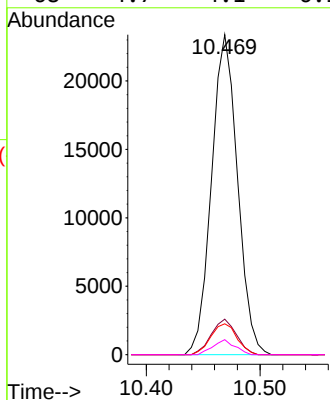
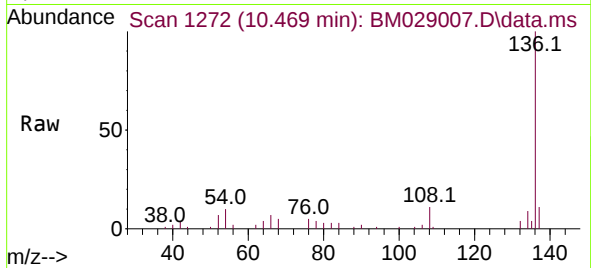




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

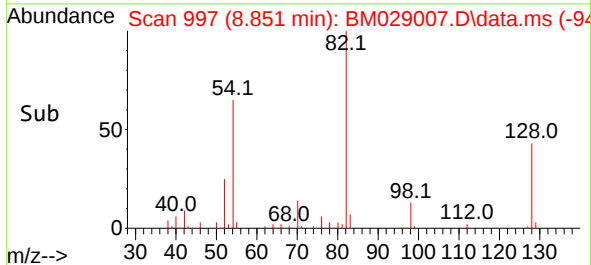
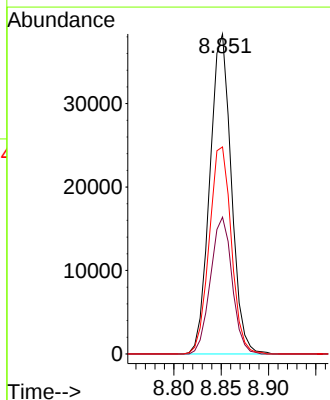
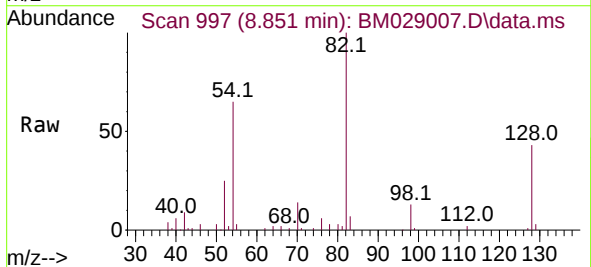
Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

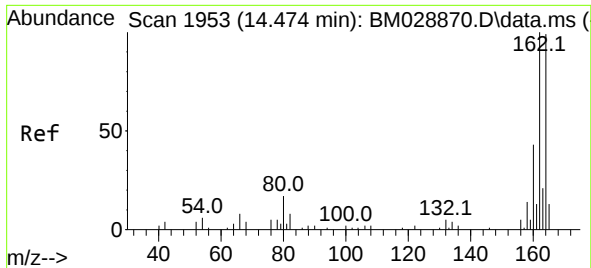
Tgt Ion:	136	Resp:	37158
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.6	4.6	7.0#
68	4.7	4.1	6.1



#23
Nitrobenzene-d5
Concen: 87.72 ng
RT: 8.851 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:	82	Resp:	60415
Ion	Ratio	Lower	Upper
82	100		
128	42.7	27.4	41.0#
54	64.7	31.4	47.0#

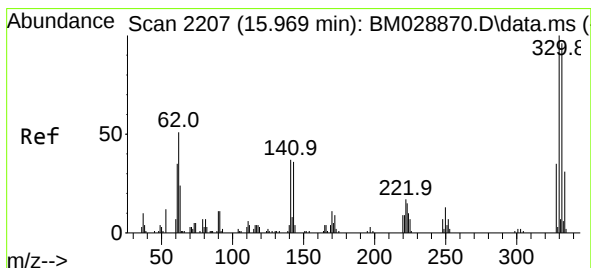
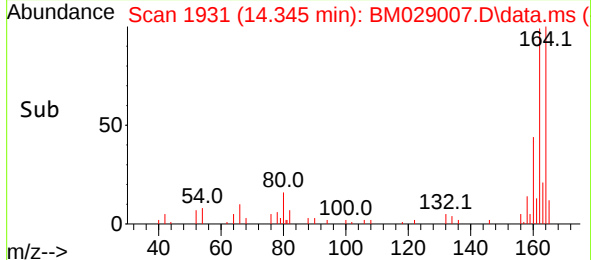
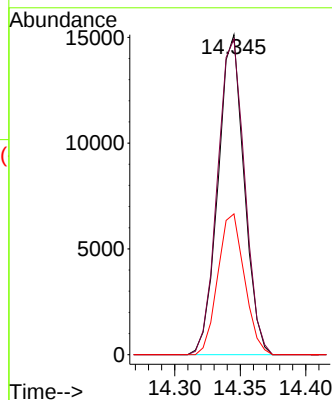
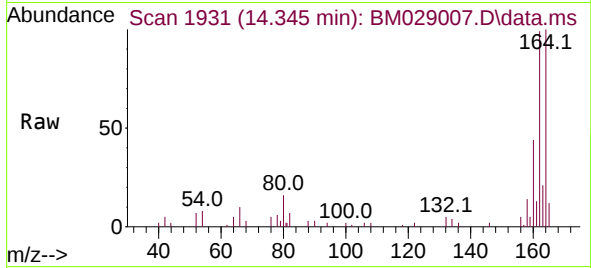




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.345 min Scan# 1931
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

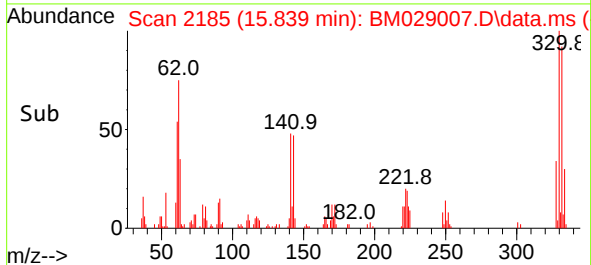
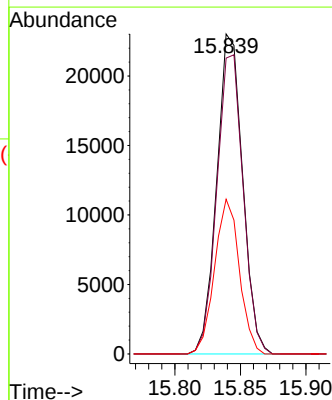
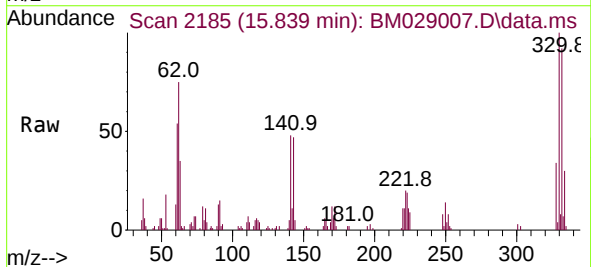
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ClientSampleId :
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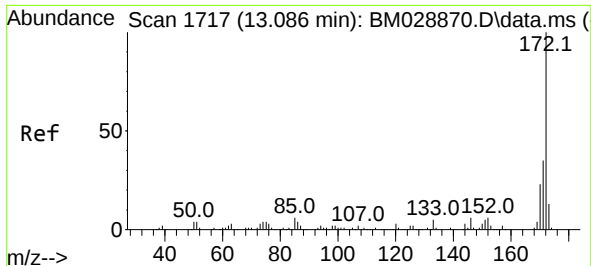
Tgt Ion:164	Resp:	20863
Ion Ratio	Lower	Upper
164	100	
162	98.6	80.4 120.6
160	44.0	35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 127.60 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:330	Resp:	31550
Ion Ratio	Lower	Upper
330	100	
332	95.1	77.8 116.8
141	46.4	28.4 42.6#

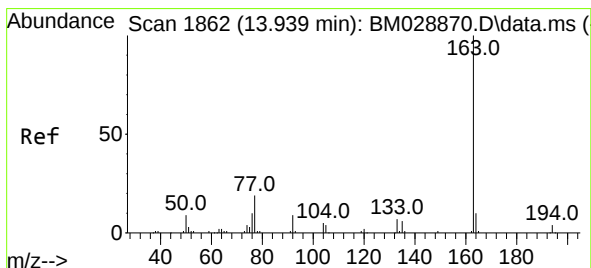
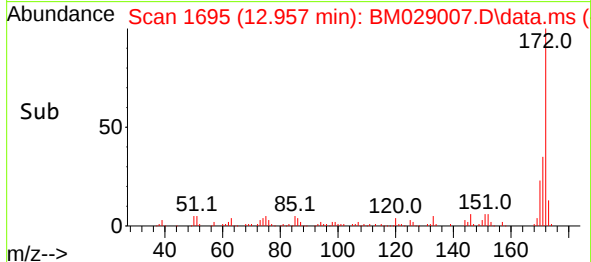
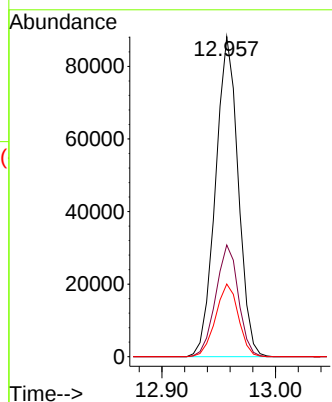
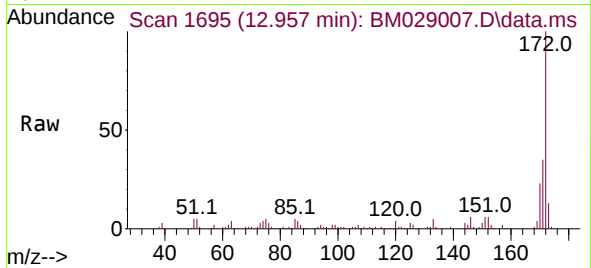




#45
2-Fluorobiphenyl
Concen: 78.14 ng
RT: 12.957 min Scan# 1695
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

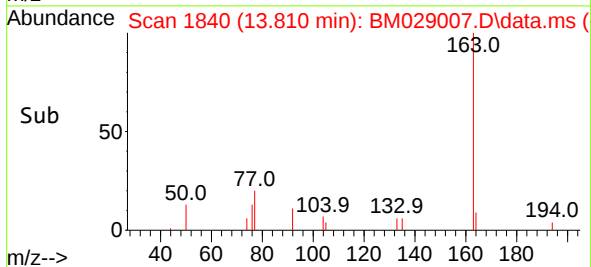
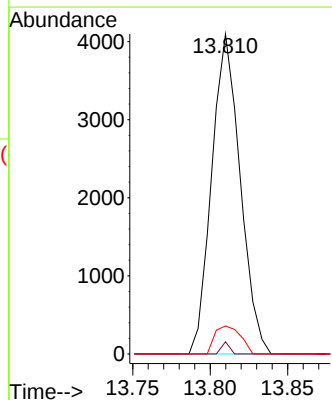
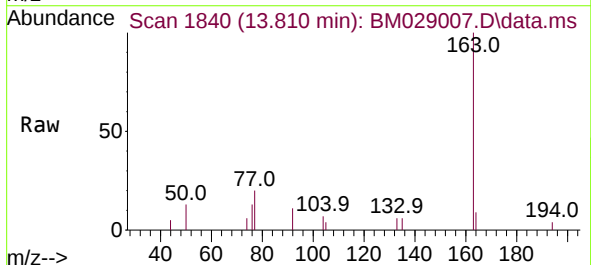
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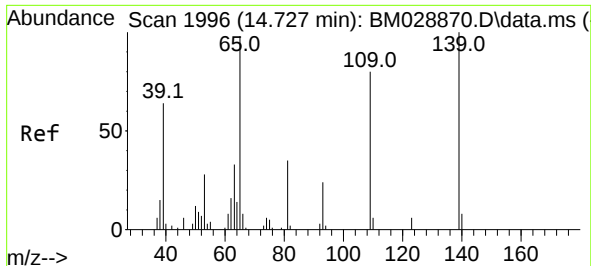
Tgt Ion:	172	Resp:	122463
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.8
170	22.7	18.6	27.8



#50
Dimethylphthalate
Concen: 3.31 ng
RT: 13.810 min Scan# 1840
Delta R.T. -0.012 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:	163	Resp:	5233
Ion Ratio	Lower	Upper	
163	100		
194	3.8	3.4	5.2
164	8.7	8.1	12.1

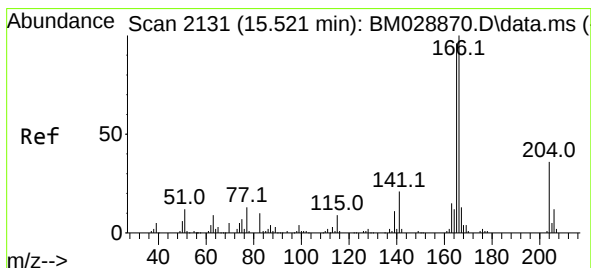
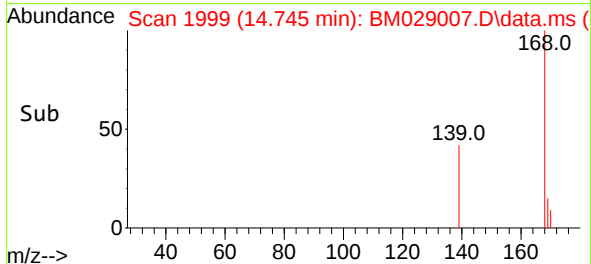
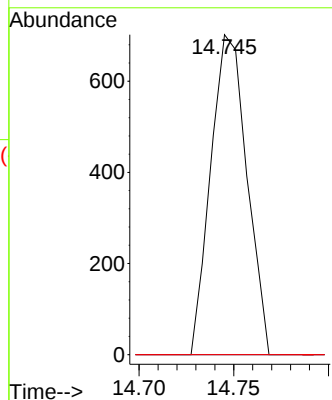
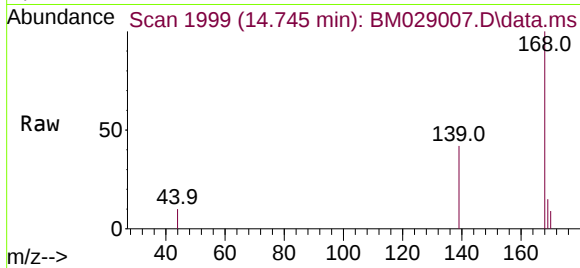




#56
4-Nitrophenol
Concen: 3.17 ng
RT: 14.745 min Scan# 1999
Delta R.T. 0.141 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

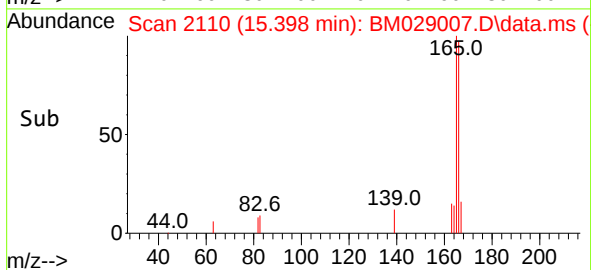
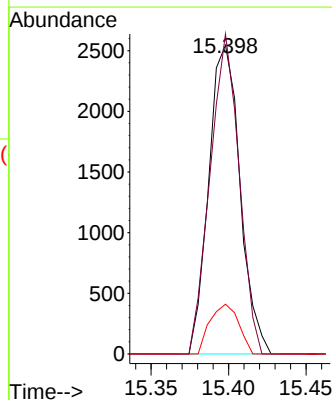
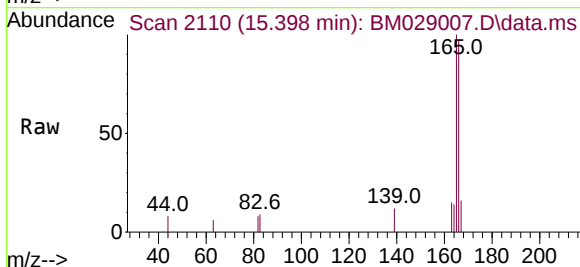
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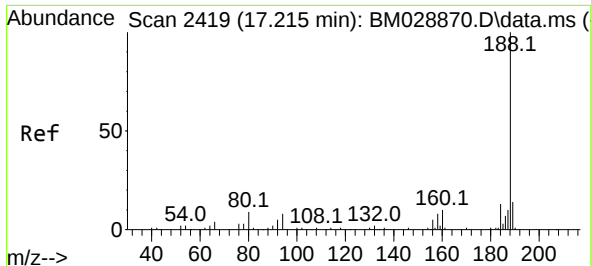
Tgt Ion:139 Resp: 933
Ion Ratio Lower Upper
139 100
109 0.0 77.0 117.0#
65 0.0 103.4 143.4#



#58
Fluorene
Concen: 2.21 ng
RT: 15.398 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:166 Resp: 3571
Ion Ratio Lower Upper
166 100
165 103.6 76.2 114.2
167 16.1 10.7 16.1#

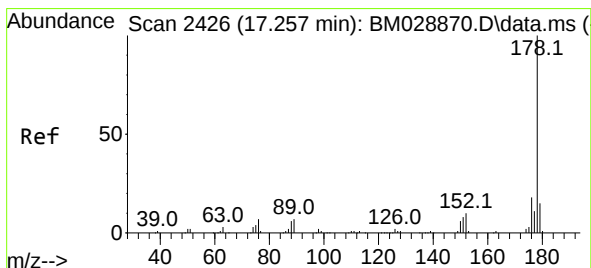
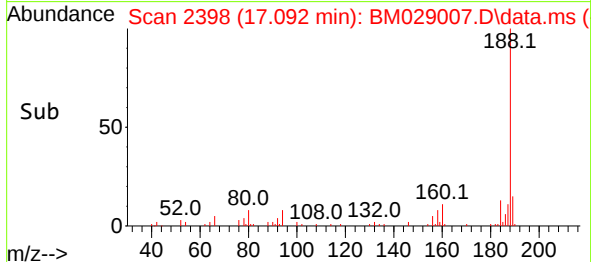
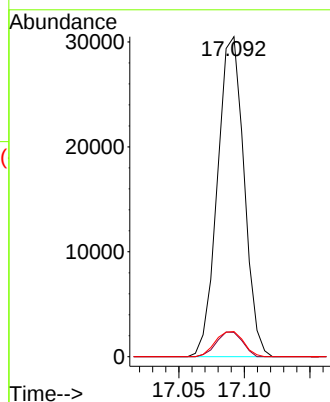
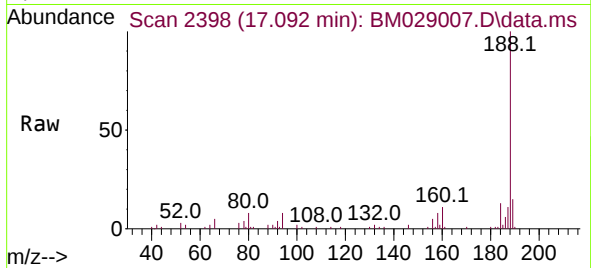




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

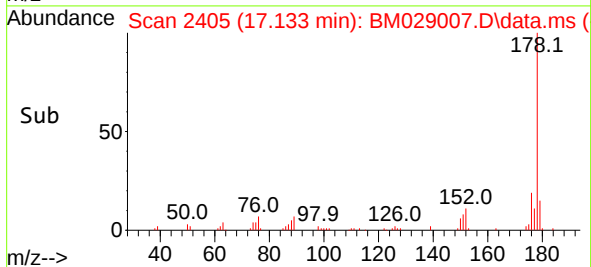
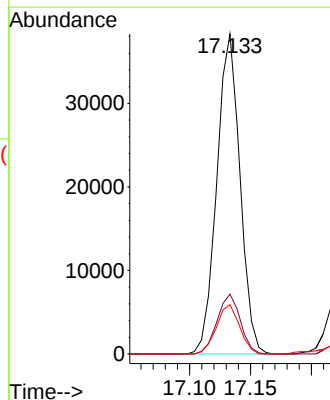
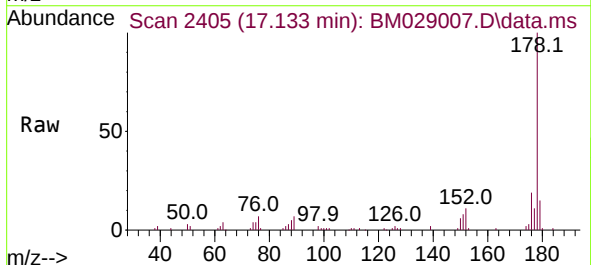
Instrument :
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VEOLIA-VNJ-204

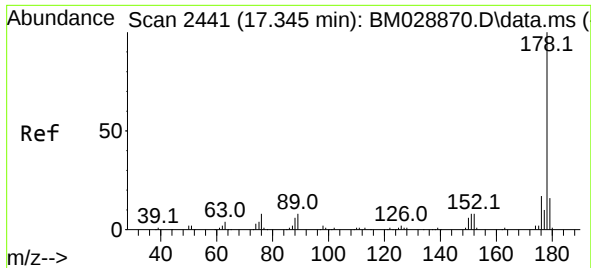
Tgt Ion:188 Resp: 42930
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.4
80 7.9 7.5 11.3



#71
Phenanthrene
Concen: 19.85 ng
RT: 17.133 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:178 Resp: 50738
Ion Ratio Lower Upper
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176 18.7 15.0 22.6
179 15.4 12.2 18.4

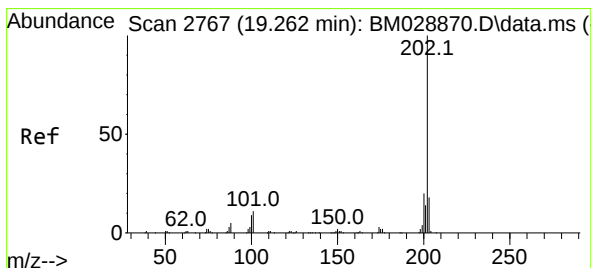
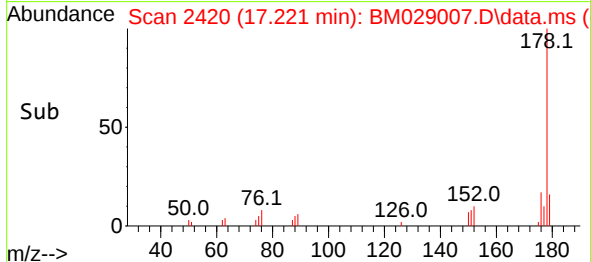
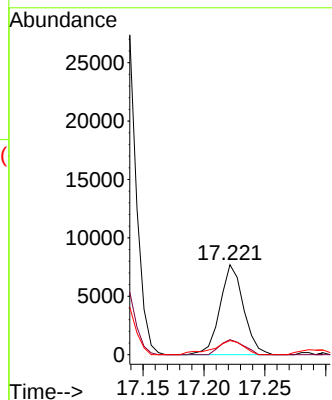
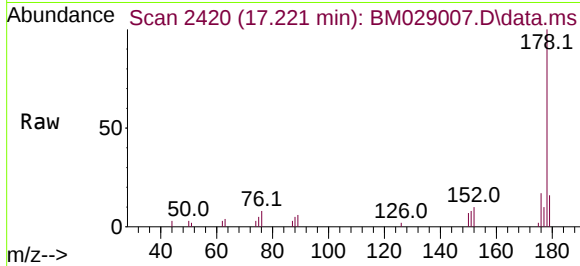




#72
 Anthracene
 Concen: 4.09 ng
 RT: 17.221 min Scan# 2420
 Delta R.T. -0.006 min
 Lab File: BM029007.D
 Acq: 05 Mar 2021 21:56

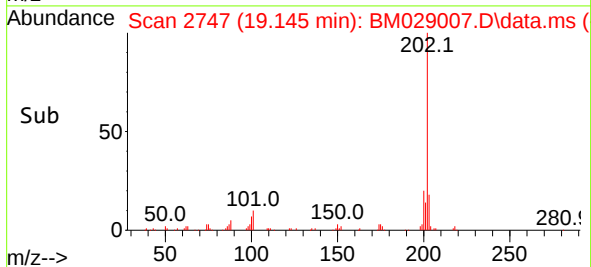
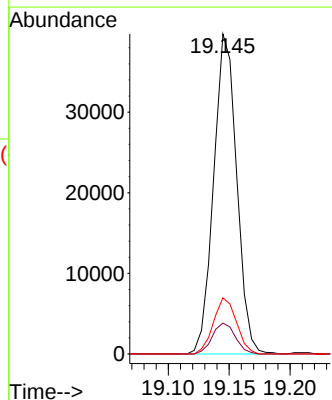
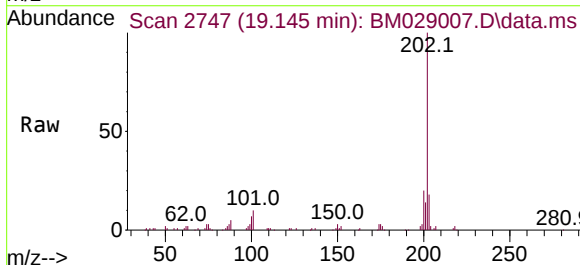
Instrument :
 BNA_M
 ClientSampleId :
 VEOLIA-VNJ-204

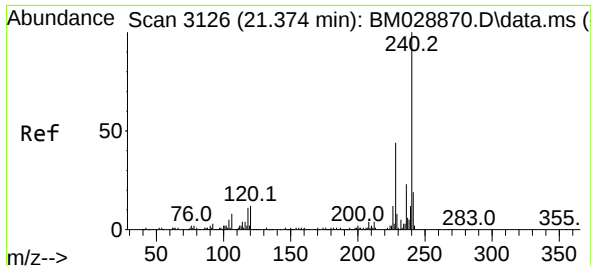
Tgt Ion:178 Resp: 10360
 Ion Ratio Lower Upper
 178 100
 176 16.8 15.0 22.4
 179 15.6 12.5 18.7



#75
 Fluoranthene
 Concen: 18.63 ng
 RT: 19.145 min Scan# 2747
 Delta R.T. -0.006 min
 Lab File: BM029007.D
 Acq: 05 Mar 2021 21:56

Tgt Ion:202 Resp: 52340
 Ion Ratio Lower Upper
 202 100
 101 9.7 0.0 28.5
 203 17.6 0.0 37.3

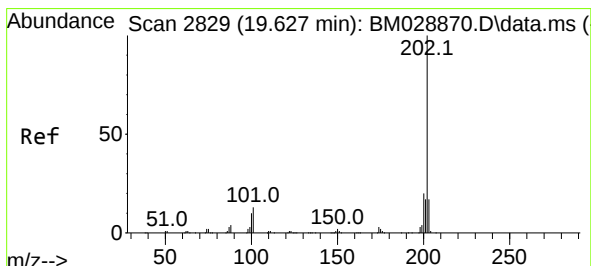
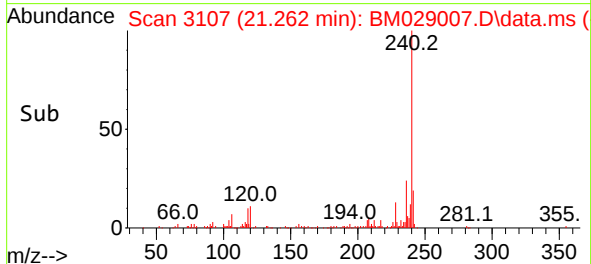
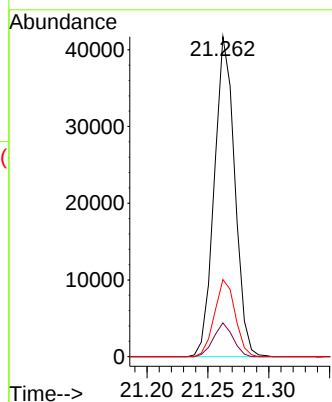
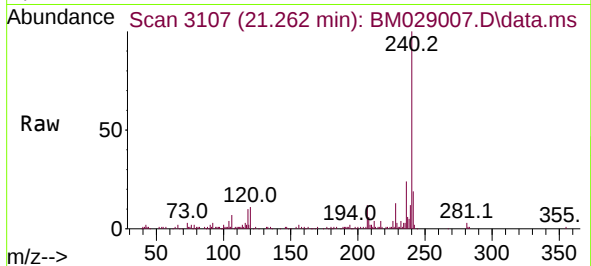




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.262 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

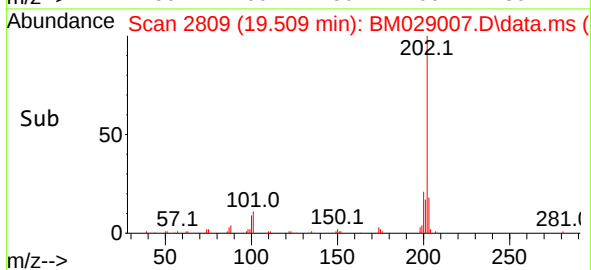
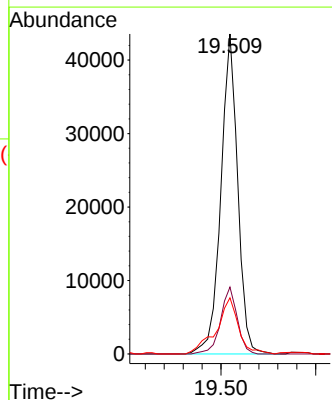
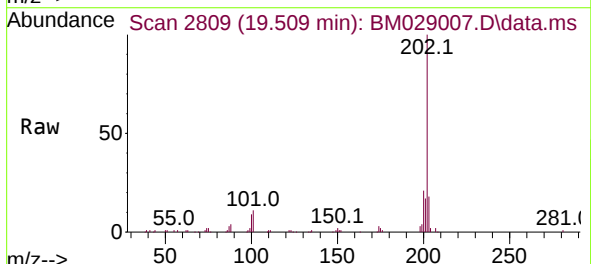
Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

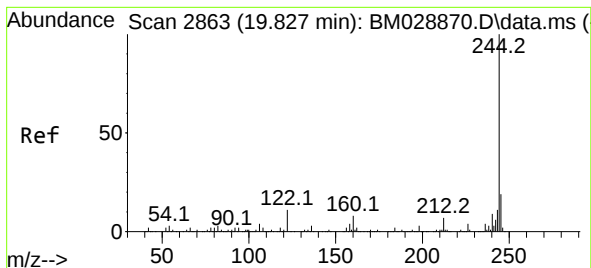
Tgt Ion:240 Resp: 48768
Ion Ratio Lower Upper
240 100
120 10.5 6.4 9.6#
236 24.1 20.1 30.1



#78
Pyrene
Concen: 15.03 ng
RT: 19.509 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:202 Resp: 53855
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 63.67 ng

RT: 19.715 min Scan# 2844

Delta R.T. -0.006 min

Lab File: BM029007.D

Acq: 05 Mar 2021 21:56

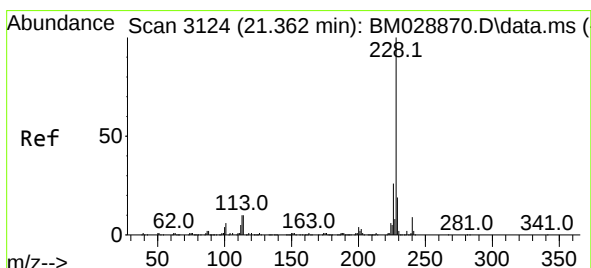
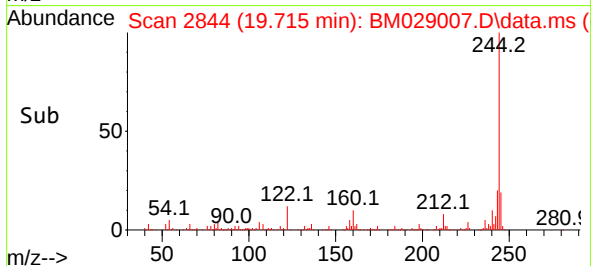
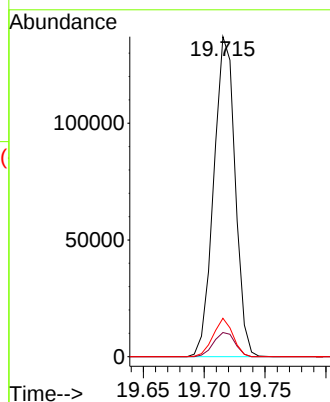
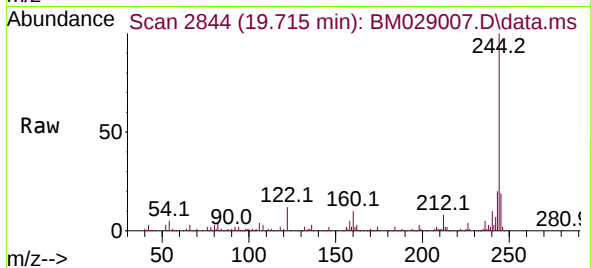
Tgt Ion:244 Resp: 168158

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

122 12.0 6.5 9.7#



#81

Benzo(a)anthracene

Concen: 7.22 ng

RT: 21.251 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BM029007.D

Acq: 05 Mar 2021 21:56

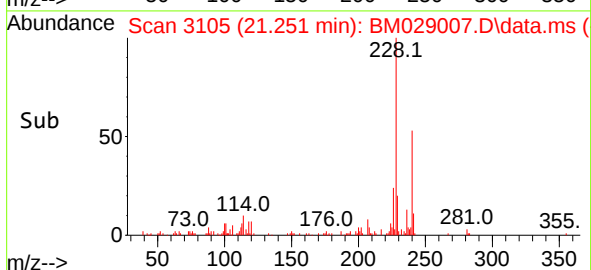
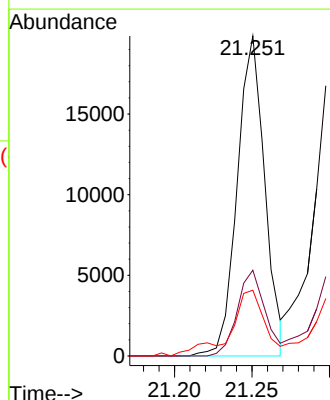
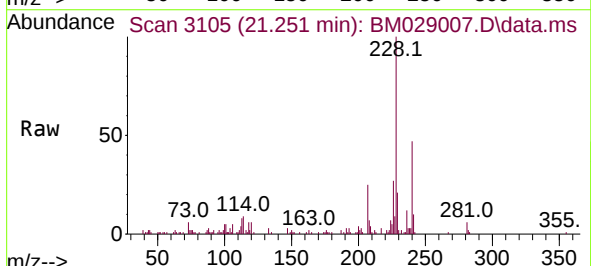
Tgt Ion:228 Resp: 24431

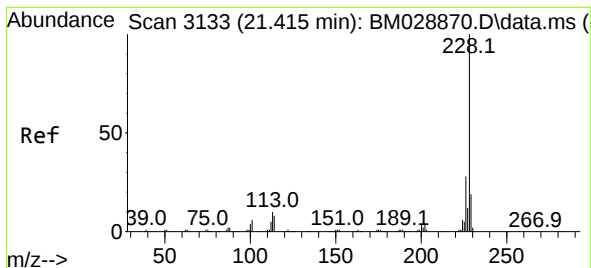
Ion Ratio Lower Upper

228 100

226 26.8 21.1 31.7

229 20.6 15.7 23.5





#83

Chrysene

Concen: 6.88 ng

RT: 21.298 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BM029007.D

Acq: 05 Mar 2021 21:56

Tgt Ion:228 Resp: 22706

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.0

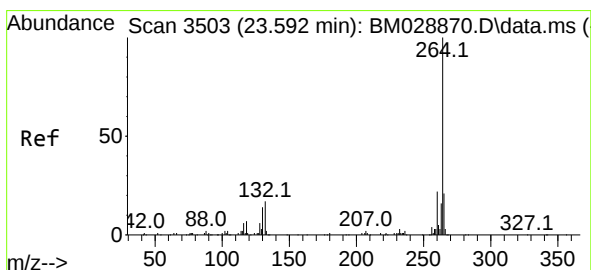
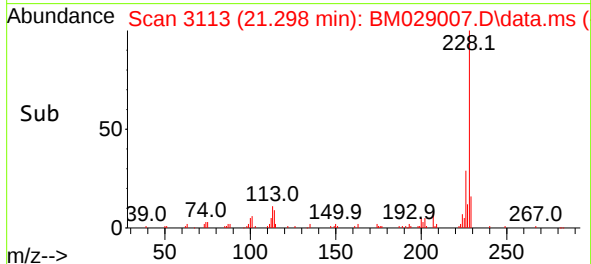
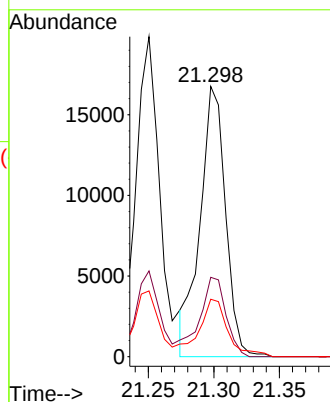
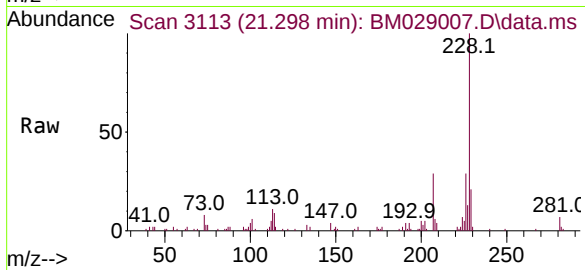
229 21.3 15.7 23.5

Instrument :

BNA_M

ClientSampleId :

VEOLIA-VNJ-204



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.427 min Scan# 3475

Delta R.T. -0.012 min

Lab File: BM029007.D

Acq: 05 Mar 2021 21:56

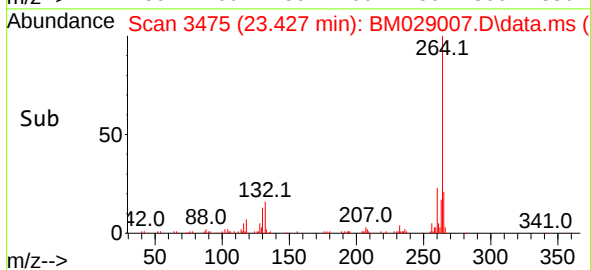
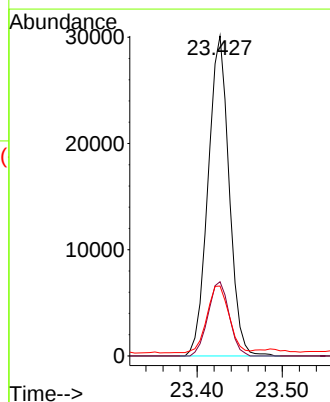
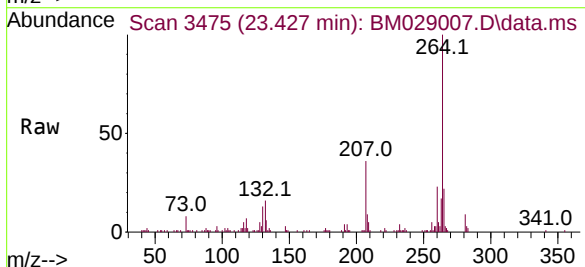
Tgt Ion:264 Resp: 51593

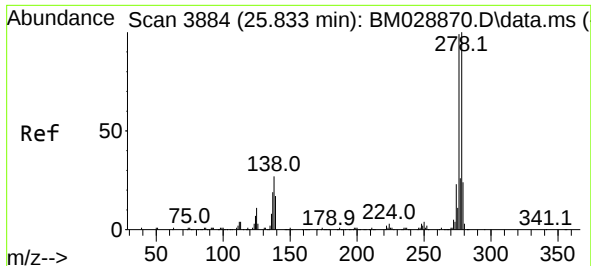
Ion Ratio Lower Upper

264 100

260 23.2 19.0 28.4

265 21.9 17.7 26.5

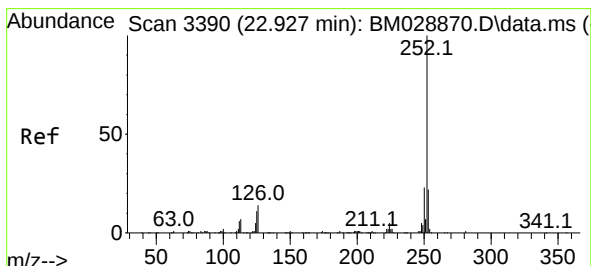
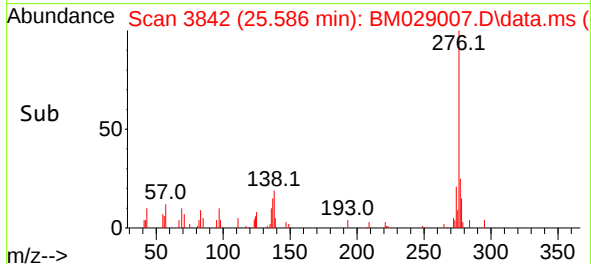
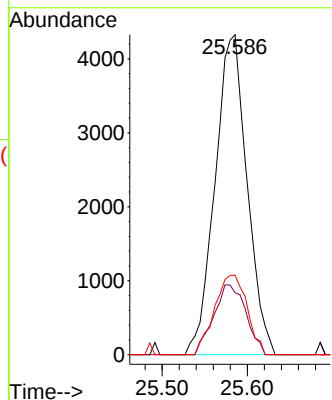
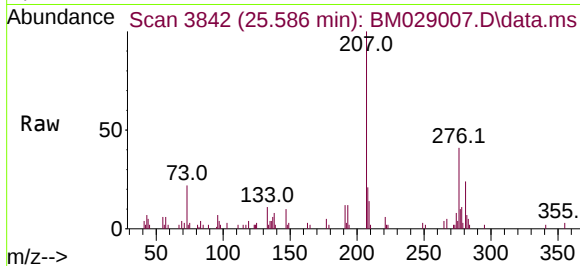




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.90 ng
RT: 25.586 min Scan# 3842
Delta R.T. -0.018 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

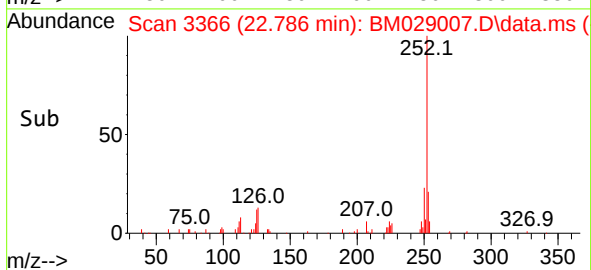
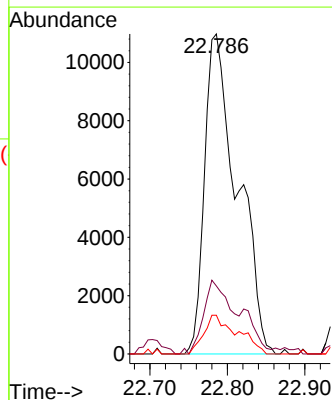
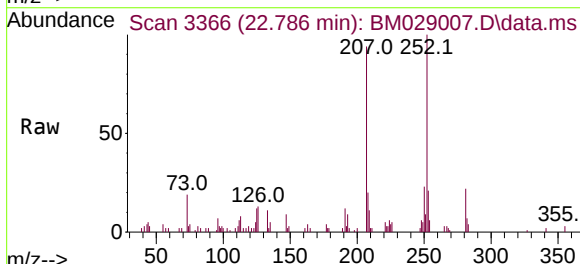
Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

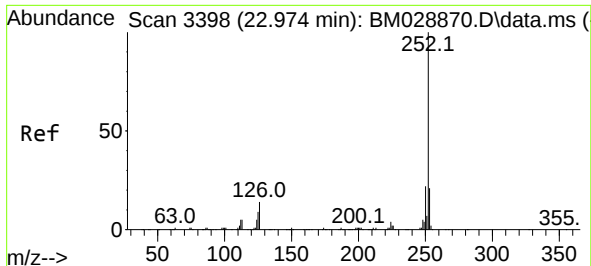
Tgt Ion:276 Resp: 11299
Ion Ratio Lower Upper
276 100
138 22.0 14.2 21.4#
277 25.2 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 8.87 ng
RT: 22.786 min Scan# 3366
Delta R.T. -0.006 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:252 Resp: 32333
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 12.1 5.7 8.5#

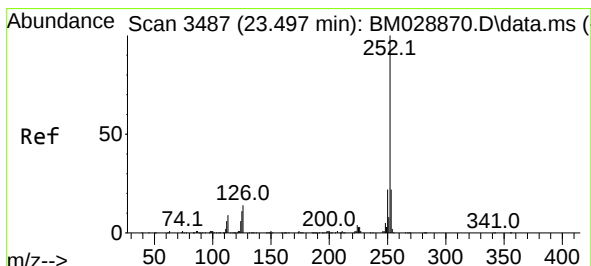
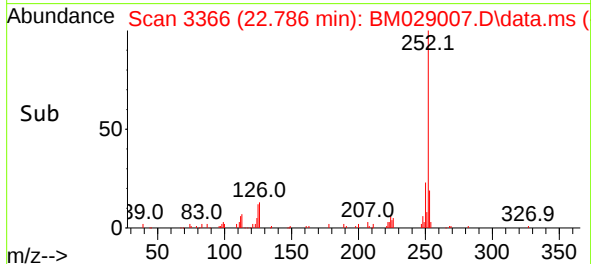
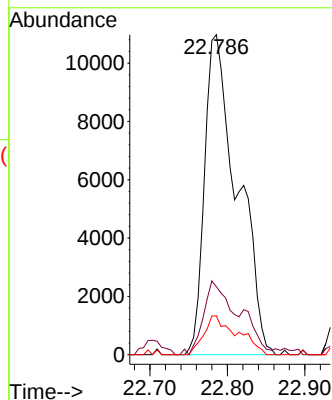
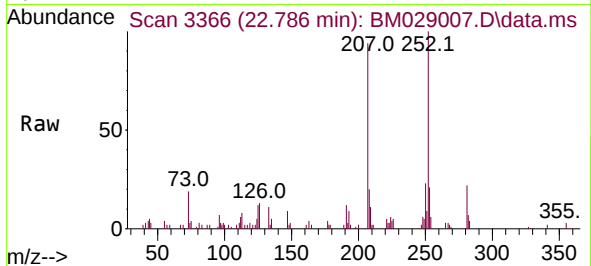




#89
Benzo(k)fluoranthene
Concen: 9.34 ng
RT: 22.786 min Scan# 3366
Delta R.T. -0.047 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

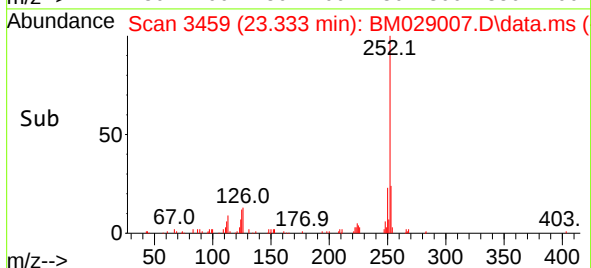
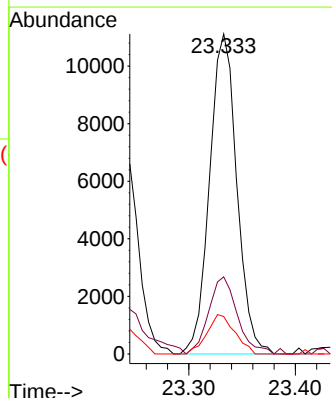
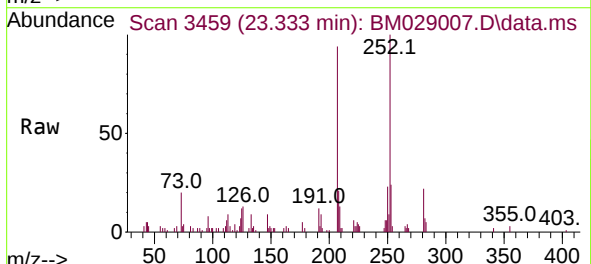
Instrument :
BNA_M
ClientSampleId :
VEOLIA-VNJ-204

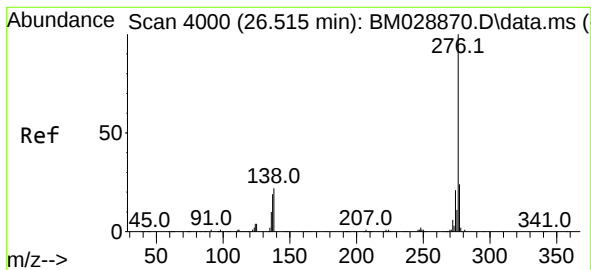
Tgt Ion:252 Resp: 32333
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 12.1 5.6 8.4#



#90
Benzo(a)pyrene
Concen: 5.94 ng
RT: 23.333 min Scan# 3459
Delta R.T. -0.012 min
Lab File: BM029007.D
Acq: 05 Mar 2021 21:56

Tgt Ion:252 Resp: 19768
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.2
125 11.7 6.6 9.8#





#92
 Benzo(g,h,i)perylene
 Concen: 3.33 ng
 RT: 26.238 min Scan# 3953
 Delta R.T. -0.023 min
 Lab File: BM029007.D
 Acq: 05 Mar 2021 21:56

Instrument :
 BNA_M
 ClientSampleId :
 VEOLIA-VNJ-204

Tgt Ion:	276	Resp:	10875
Ion Ratio	Lower	Upper	
276	100		
277	25.1	18.6	28.0
138	24.9	12.2	18.2#

