

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029521.D
 Acq On : 16 Apr 2021 14:40
 Operator : CG/JU
 Sample : M1982-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 WC-1

Quant Time: Apr 16 23:18:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:56:50 2021
 Response via : Initial Calibration

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

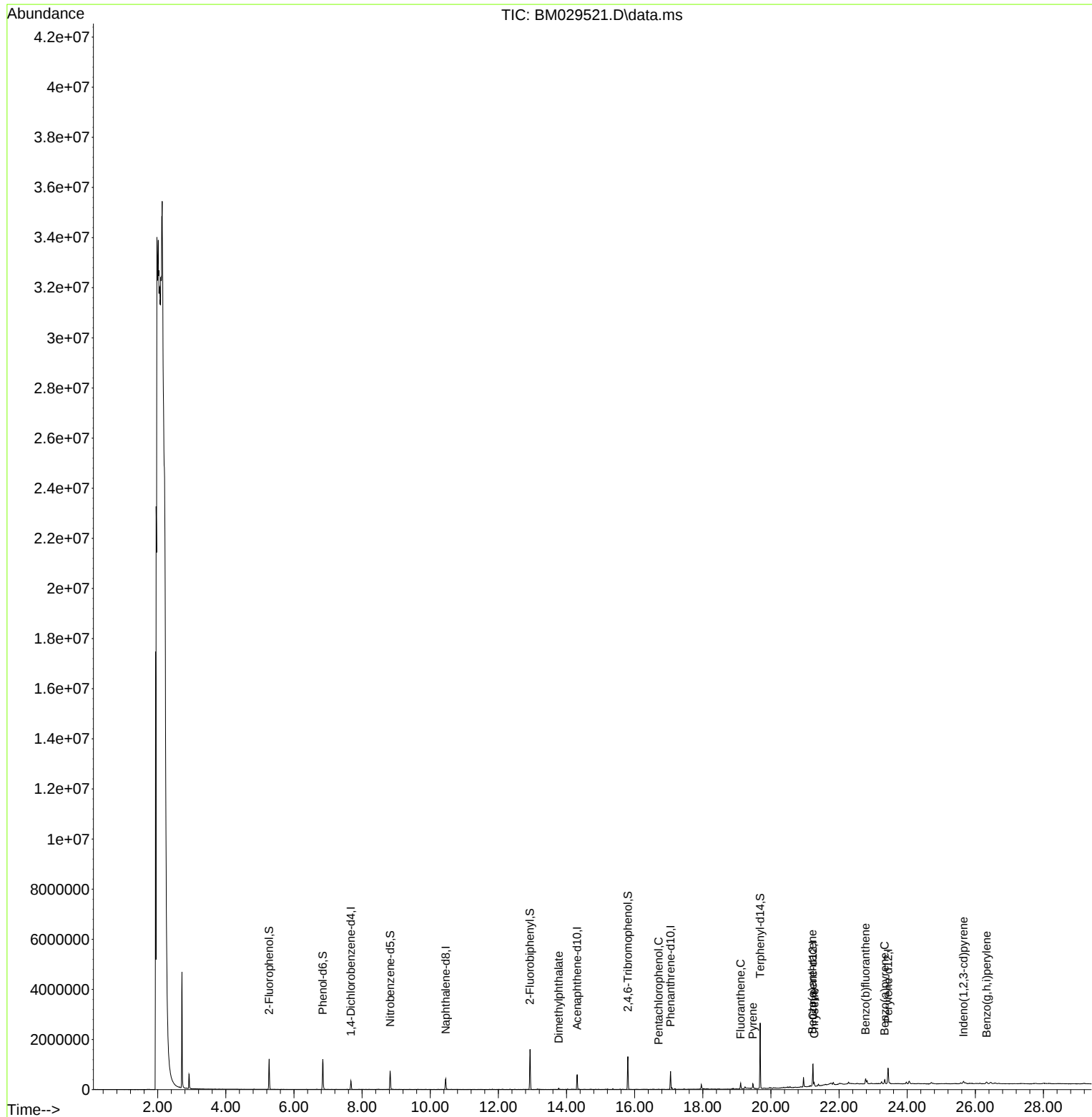
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.671	152	74006	20.00	ng	0.00
21) Naphthalene-d8	10.453	136	297847	20.00	ng	# 0.00
39) Acenaphthene-d10	14.312	164	173732	20.00	ng	0.00
64) Phenanthrene-d10	17.053	188	359692	20.00	ng	0.00
76) Chrysene-d12	21.235	240	346851	20.00	ng	0.00
86) Perylene-d12	23.440	264	366329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.271	112	392314	87.53	ng	0.00
7) Phenol-d6	6.847	99	538914	85.17	ng	0.00
23) Nitrobenzene-d5	8.824	82	389808	60.00	ng	0.00
42) 2,4,6-Tribromophenol	15.800	330	159230	91.70	ng	0.00
45) 2-Fluorobiphenyl	12.929	172	698499	56.01	ng	0.00
79) Terphenyl-d14	19.682	244	945633	51.78	ng	0.00
Target Compounds						
						Qvalue
50) Dimethylphthalate	13.771	163	28134	2.24	ng	99
70) Pentachlorophenol	16.706	266	1428	6.27	ng	# 90
75) Fluoranthene	19.111	202	106023	4.57	ng	98
78) Pyrene	19.470	202	103738	4.30	ng	100
81) Benzo(a)anthracene	21.217	228	65323	2.82	ng	96
83) Chrysene	21.270	228	67288	2.97	ng	98
87) Indeno(1,2,3-cd)pyrene	25.652	276	65423	2.42	ng	96
88) Benzo(b)fluoranthene	22.776	252	102020	4.24	ng	97
90) Benzo(a)pyrene	23.340	252	75840	3.45	ng	98
92) Benzo(g,h,i)perylene	26.329	276	69737	3.12	ng	97

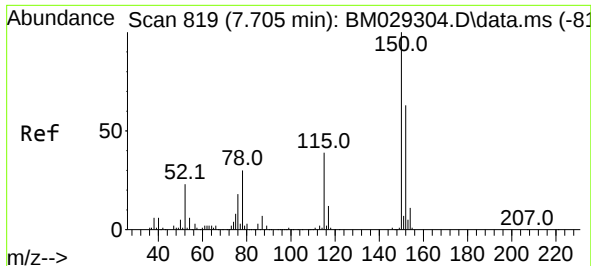
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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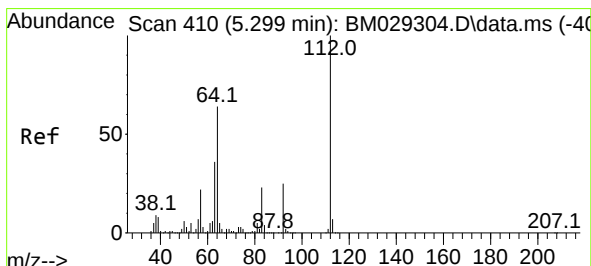
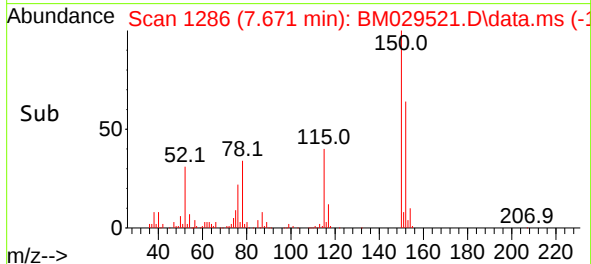
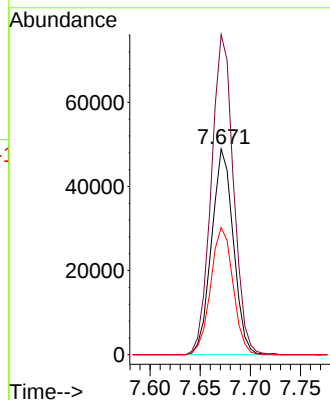
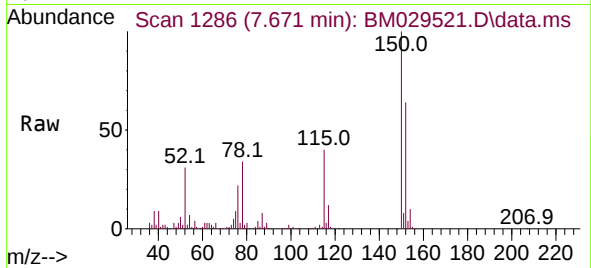




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.671 min Scan# 1286
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

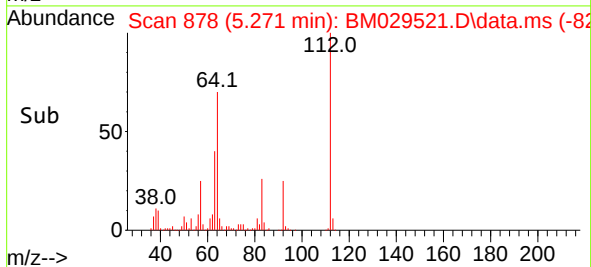
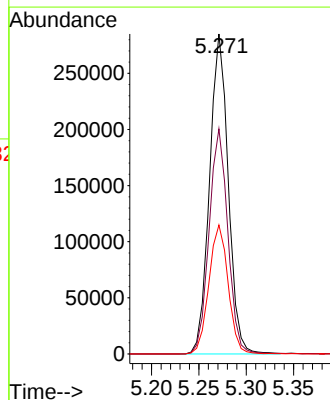
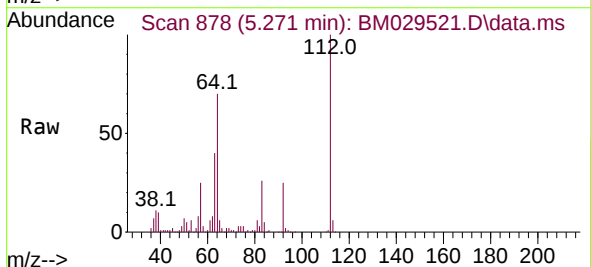
Instrument :
BNA_M
ClientSampleId :
WC-1

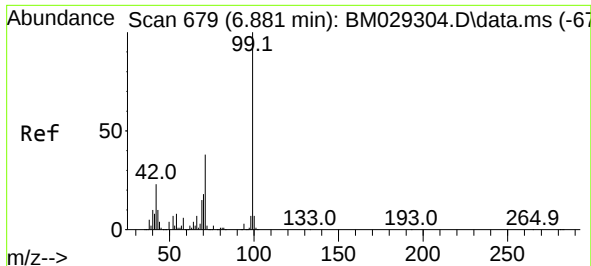
Tgt Ion:152 Resp: 74006
Ion Ratio Lower Upper
152 100
150 155.6 124.3 186.5
115 61.8 46.4 69.6



#5
2-Fluorophenol
Concen: 87.53 ng
RT: 5.271 min Scan# 878
Delta R.T. 0.002 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:112 Resp: 392314
Ion Ratio Lower Upper
112 100
64 70.3 51.6 77.4
63 40.3 29.0 43.4

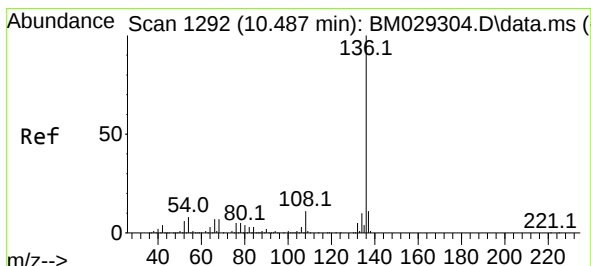
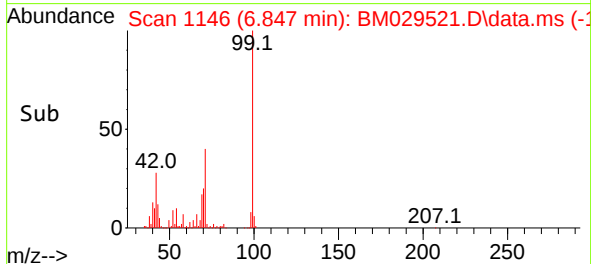
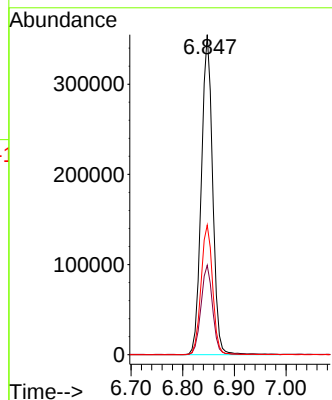
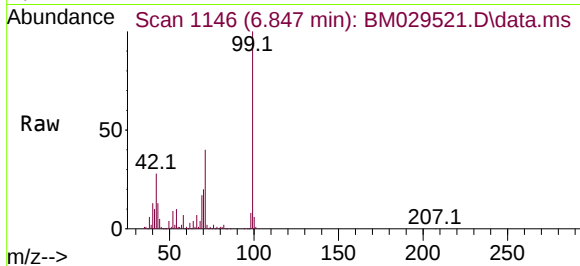




#7
Phenol-d6
Concen: 85.17 ng
RT: 6.847 min Scan# 1146
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

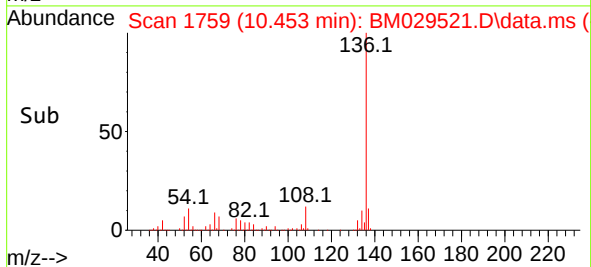
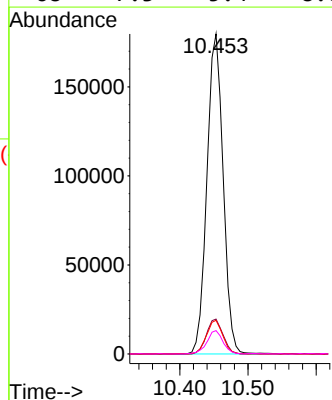
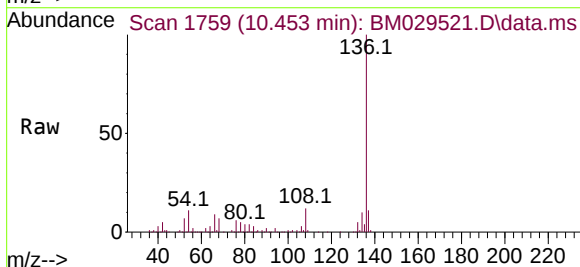
Instrument :
BNA_M
ClientSampleId :
WC-1

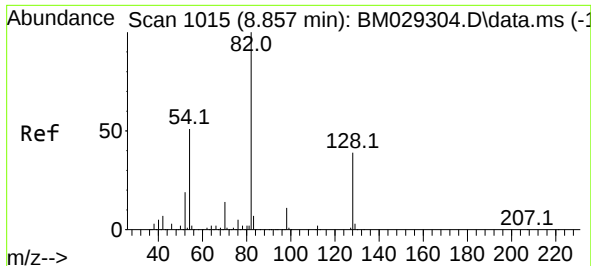
Tgt Ion: 99 Resp: 538914
Ion Ratio Lower Upper
99 100
42 27.9 18.5 27.7#
71 40.5 31.8 47.6



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.453 min Scan# 1759
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion: 136 Resp: 297847
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 10.5 6.9 10.3#
68 7.3 5.4 8.0

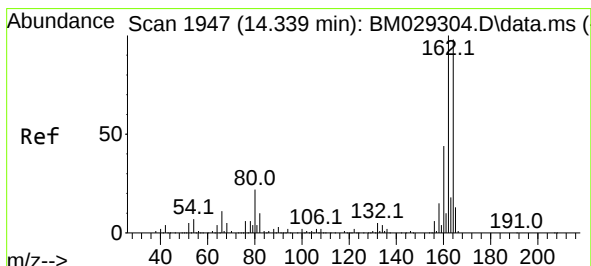
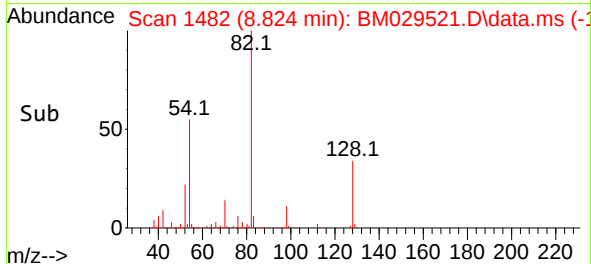
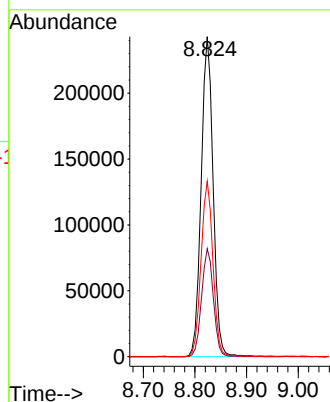
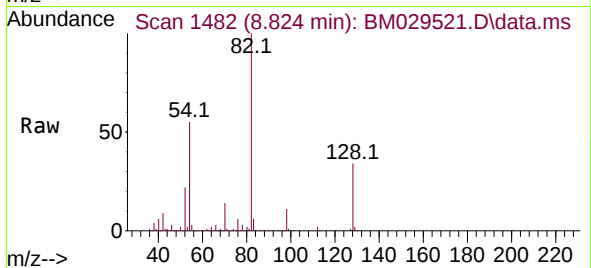




#23
Nitrobenzene-d5
Concen: 60.00 ng
RT: 8.824 min Scan# 1482
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

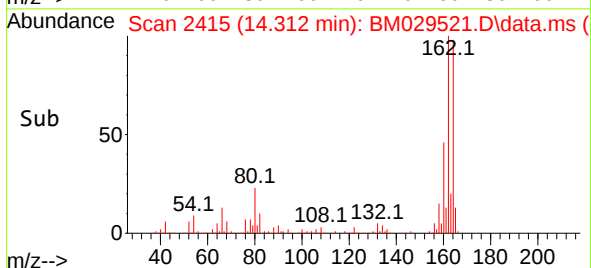
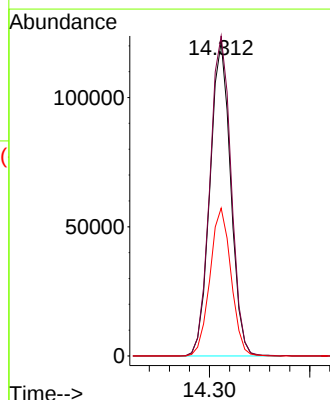
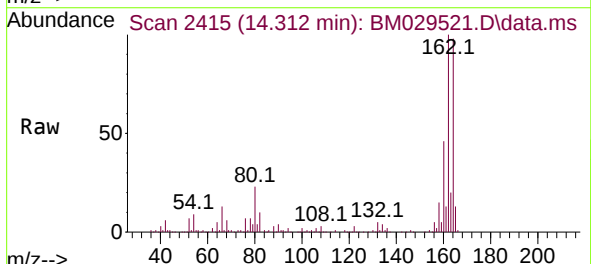
Instrument :
BNA_M
ClientSampleId :
WC-1

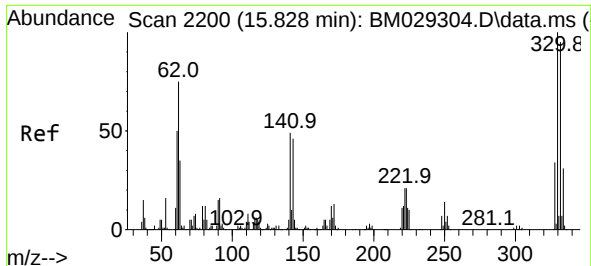
Tgt Ion: 82 Resp: 389808
Ion Ratio Lower Upper
82 100
128 33.7 28.6 42.8
54 54.9 40.7 61.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.312 min Scan# 2415
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion: 164 Resp: 173732
Ion Ratio Lower Upper
164 100
162 101.9 84.4 126.6
160 47.0 36.6 54.8

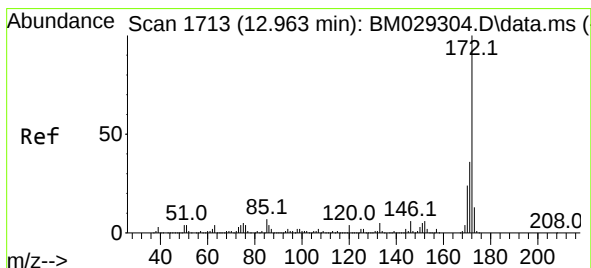
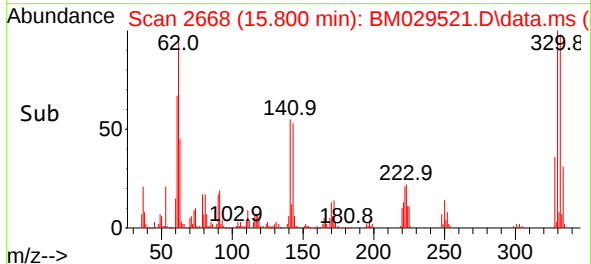
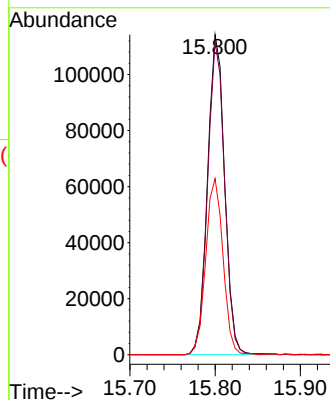
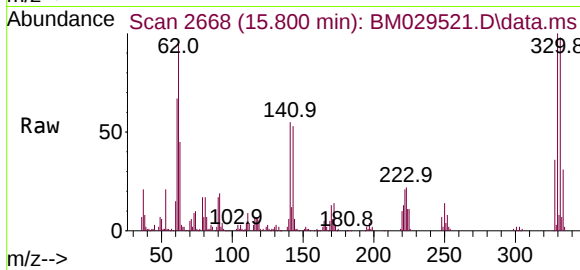




#42
2,4,6-Tribromophenol
Concen: 91.70 ng
RT: 15.800 min Scan# 2668
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

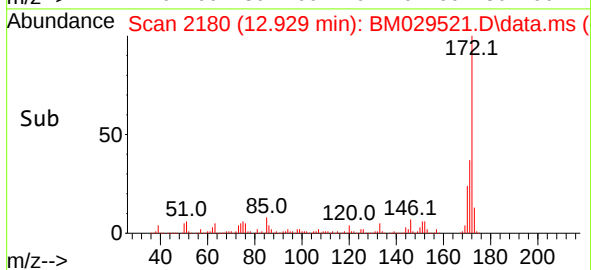
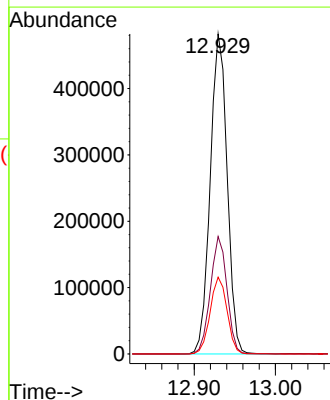
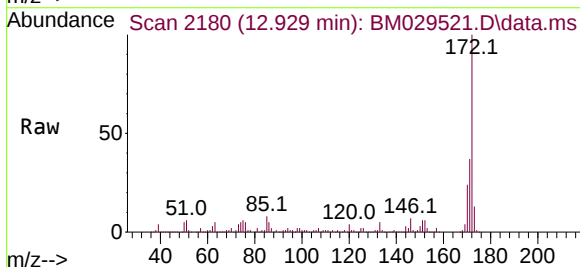
Instrument :
BNA_M
ClientSampled :
WC-1

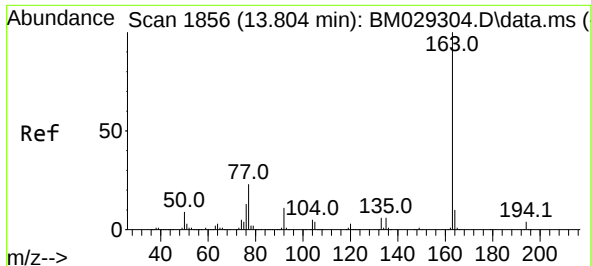
Tgt Ion:330 Resp: 159230
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 55.6 39.2 58.8



#45
2-Fluorobiphenyl
Concen: 56.01 ng
RT: 12.929 min Scan# 2180
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:172 Resp: 698499
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 24.0 18.8 28.2

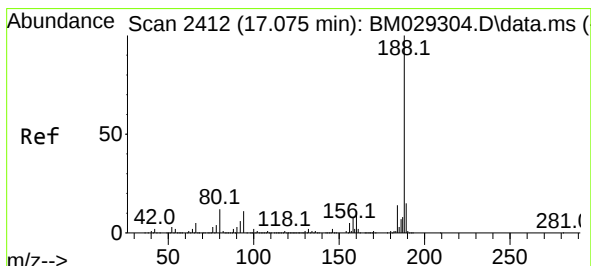
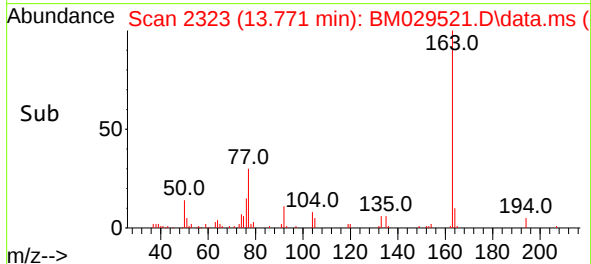
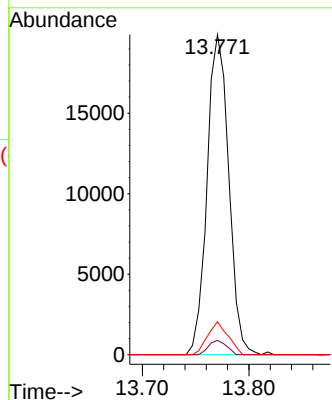
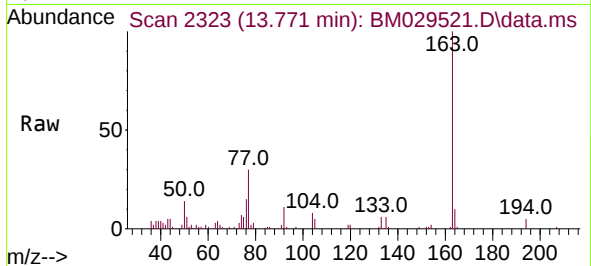




#50
Dimethylphthalate
Concen: 2.24 ng
RT: 13.771 min Scan# 2323
Delta R.T. -0.010 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

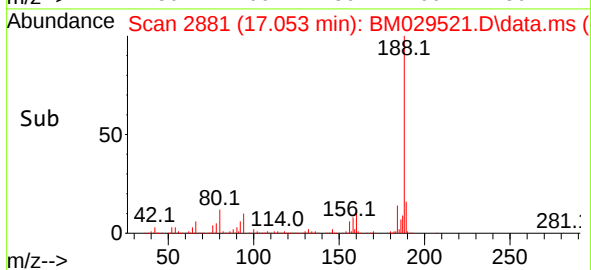
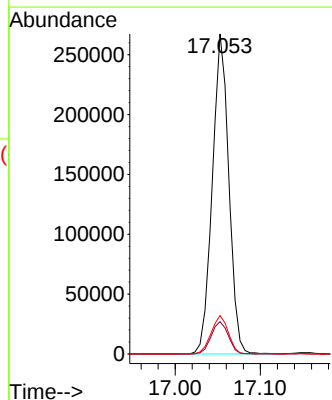
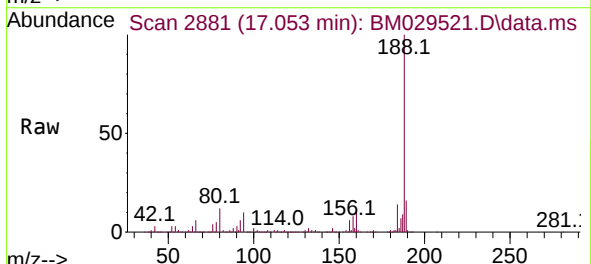
Instrument :
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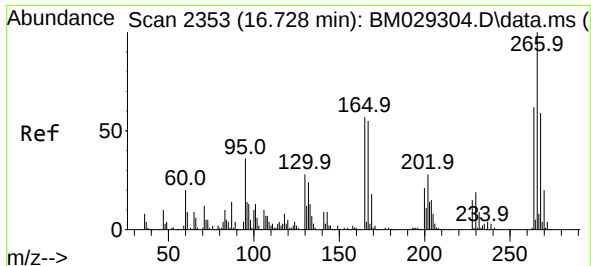
Tgt Ion:	163	Resp:	28134
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.2	4.8
164	10.3	7.9	11.9



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.053 min Scan# 2881
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:	188	Resp:	359692
Ion Ratio	Lower	Upper	
188	100		
94	10.1	8.1	12.1
80	12.0	9.2	13.8

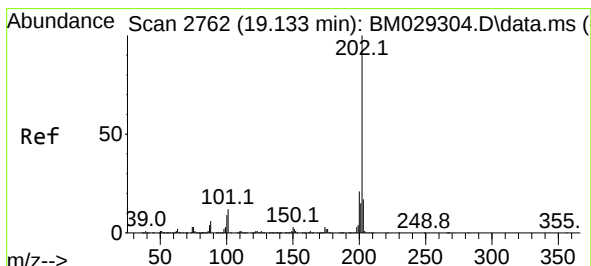
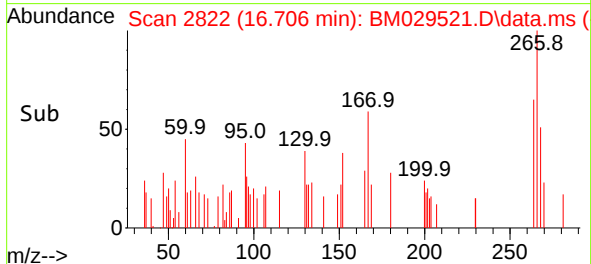
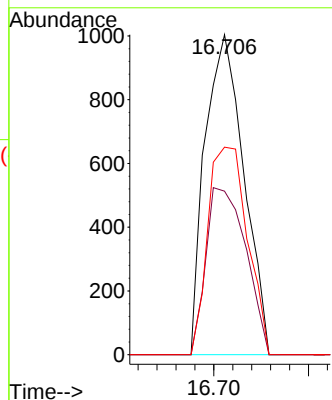
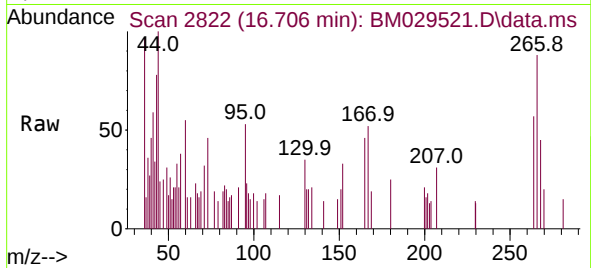




#70
Pentachlorophenol
Concen: 6.27 ng
RT: 16.706 min Scan# 2822
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

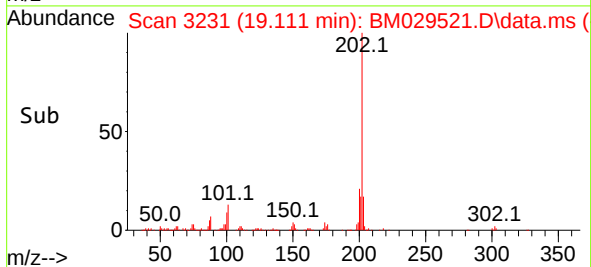
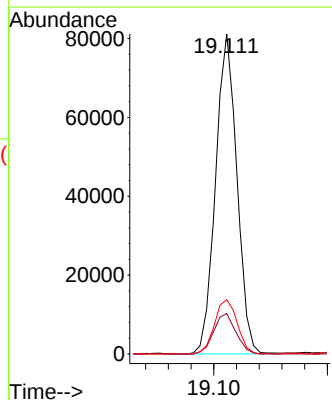
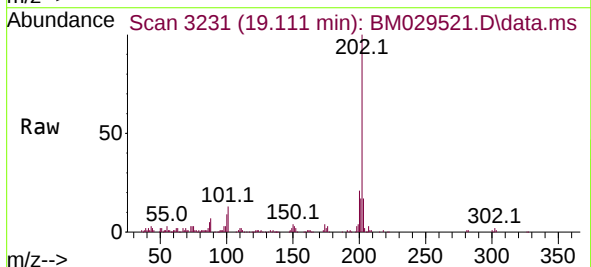
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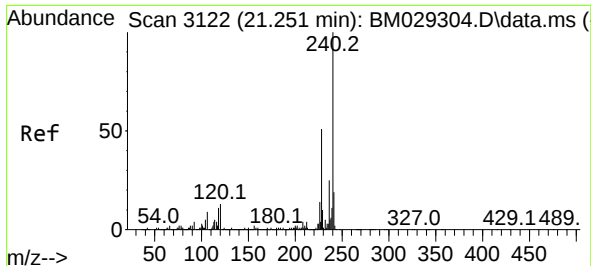
Tgt Ion:266 Resp: 1428
Ion Ratio Lower Upper
266 100
268 51.1 52.2 78.2#
264 64.8 50.9 76.3



#75
Fluoranthene
Concen: 4.57 ng
RT: 19.111 min Scan# 3231
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:202 Resp: 106023
Ion Ratio Lower Upper
202 100
101 12.7 0.0 31.5
203 16.9 0.0 37.7

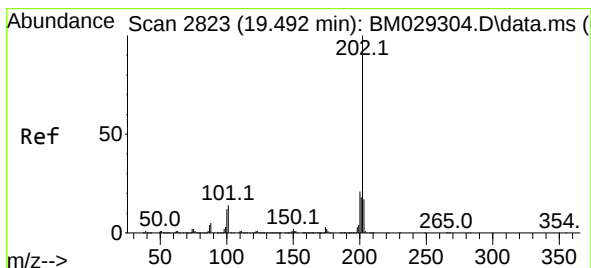
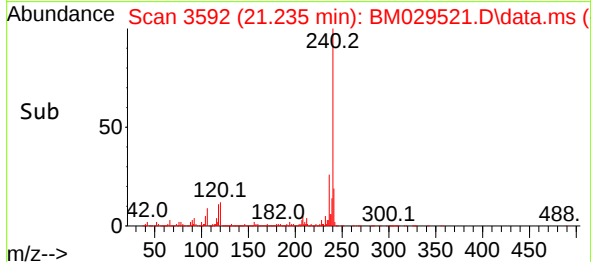
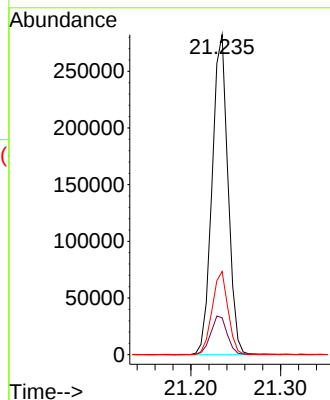
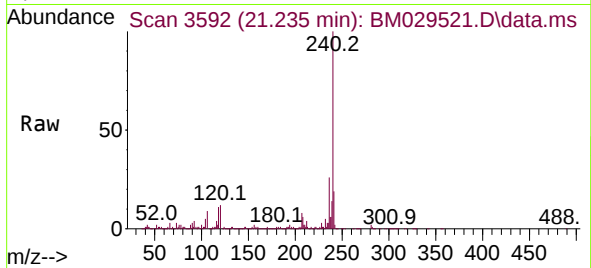




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.235 min Scan# 3592
Delta R.T. 0.002 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

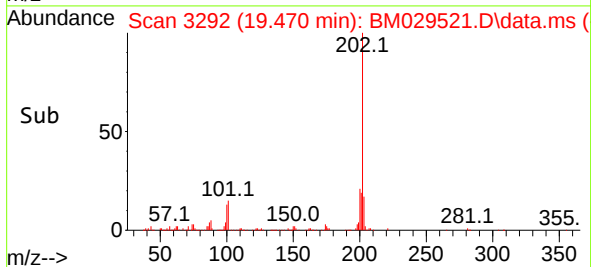
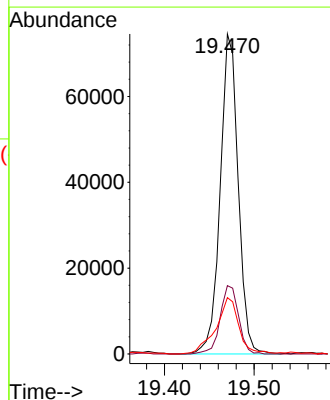
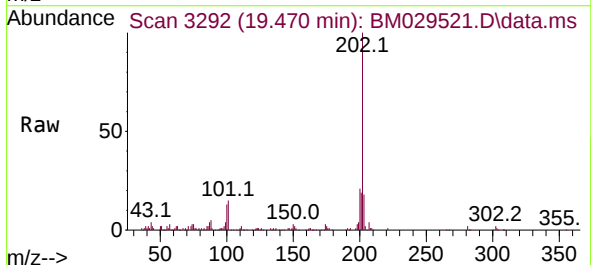
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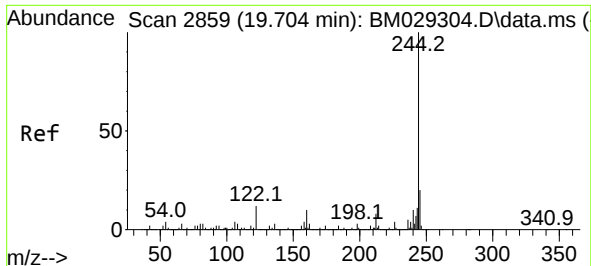
Tgt Ion:240 Resp: 346851
Ion Ratio Lower Upper
240 100
120 11.6 9.0 13.6
236 26.0 20.3 30.5



#78
Pyrene
Concen: 4.30 ng
RT: 19.470 min Scan# 3292
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:202 Resp: 103738
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.6 14.1 21.1

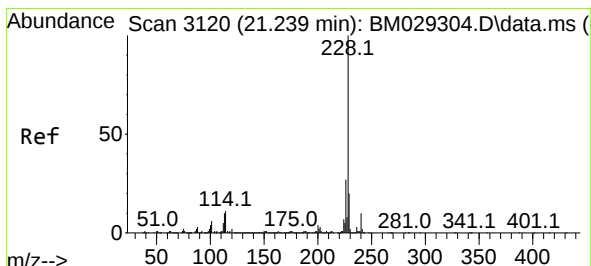
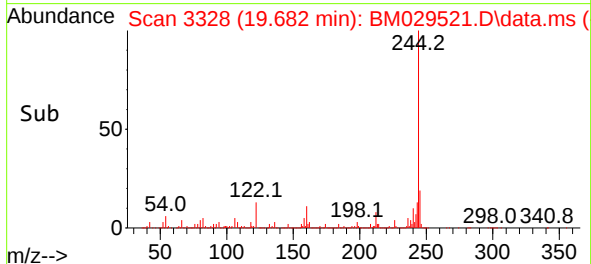
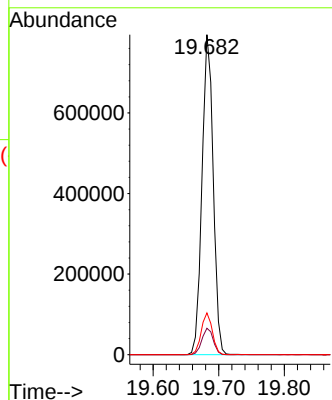
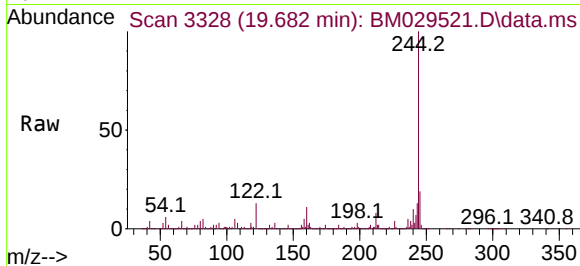




#79
Terphenyl-d14
Concen: 51.78 ng
RT: 19.682 min Scan# 3328
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

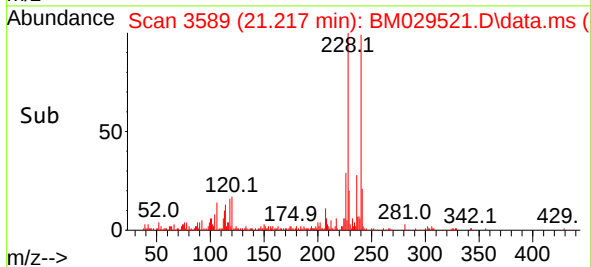
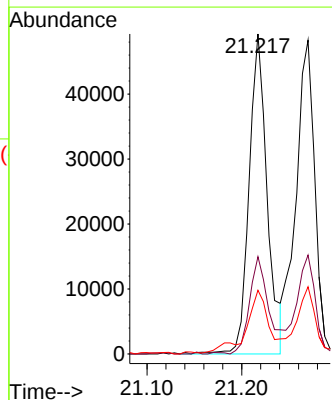
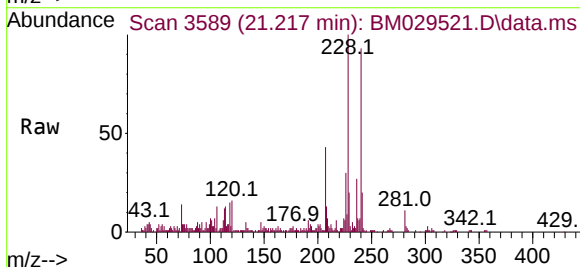
Instrument :
BNA_M
ClientSampled :
WC-1

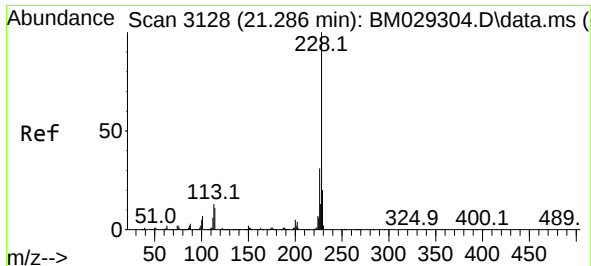
Tgt Ion:244 Resp: 945633
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 13.0 9.2 13.8



#81
Benzo(a)anthracene
Concen: 2.82 ng
RT: 21.217 min Scan# 3589
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:228 Resp: 65323
Ion Ratio Lower Upper
228 100
226 30.4 21.9 32.9
229 19.9 15.7 23.5

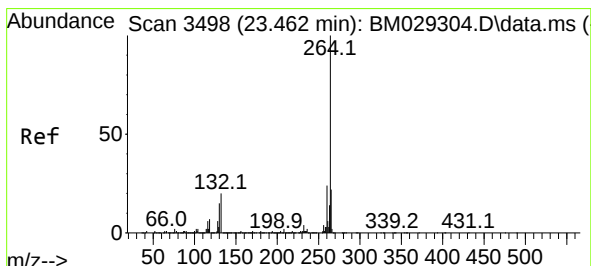
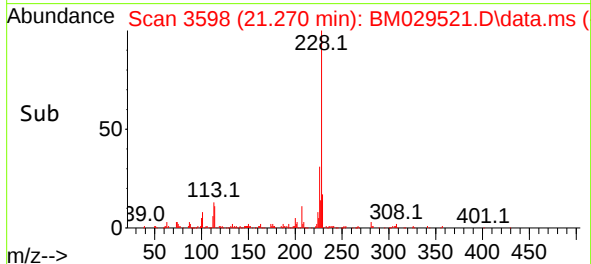
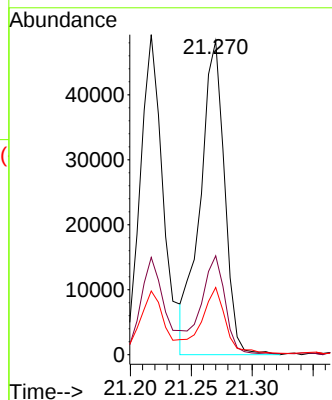
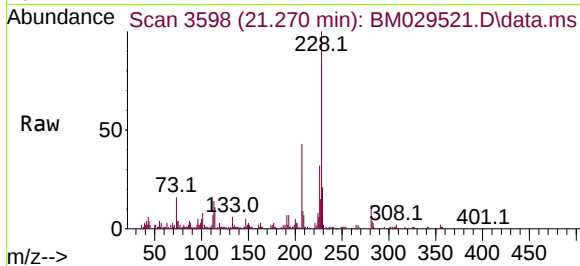




#83
Chrysene
Concen: 2.97 ng
RT: 21.270 min Scan# 3598
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

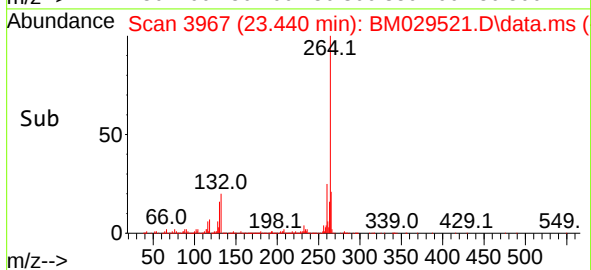
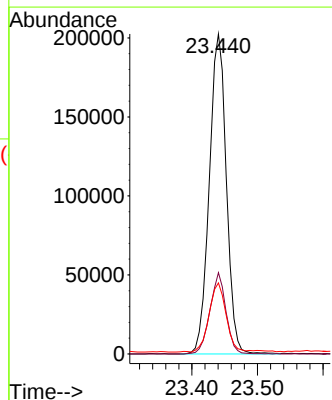
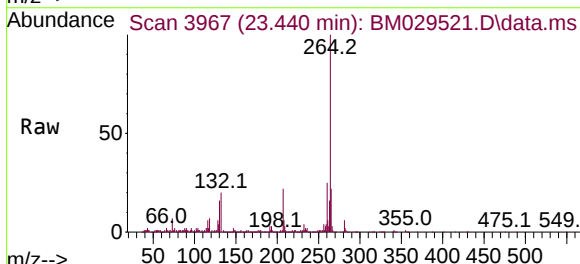
Instrument :
BNA_M
ClientSampleId :
WC-1

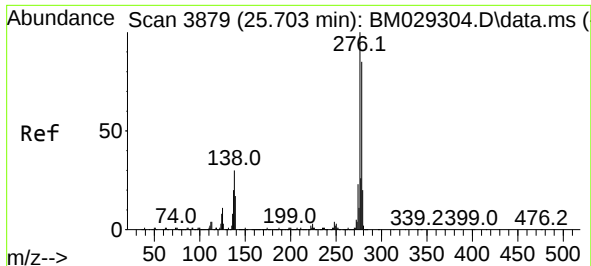
Tgt Ion:228	Resp: 67288
Ion Ratio	Lower Upper
228	100
226	31.5 24.7 37.1
229	21.4 15.8 23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.440 min Scan# 3967
Delta R.T. 0.002 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:264	Resp: 366329
Ion Ratio	Lower Upper
264	100
260	25.4 19.6 29.4
265	22.2 17.8 26.8

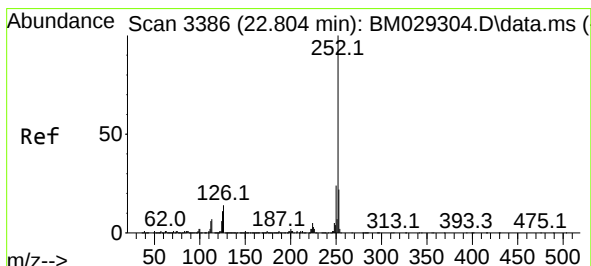
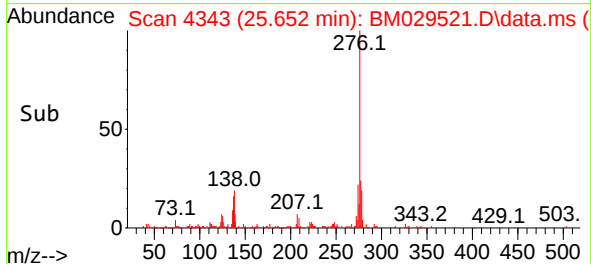
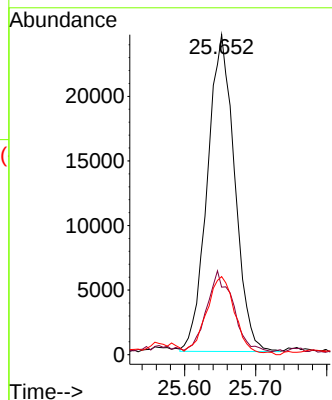
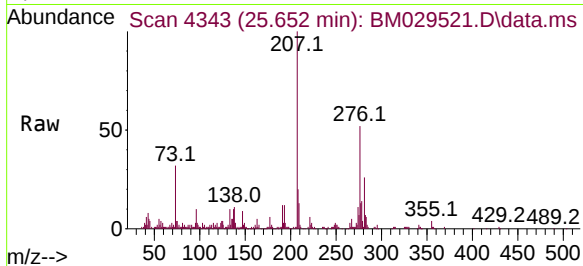




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.42 ng
RT: 25.652 min Scan# 4343
Delta R.T. -0.016 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

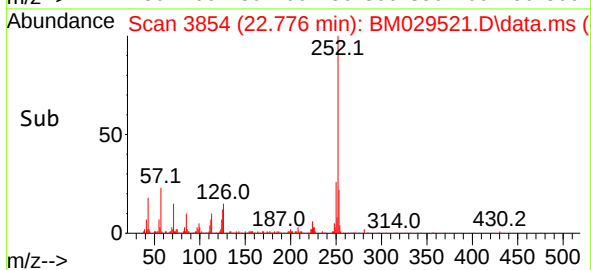
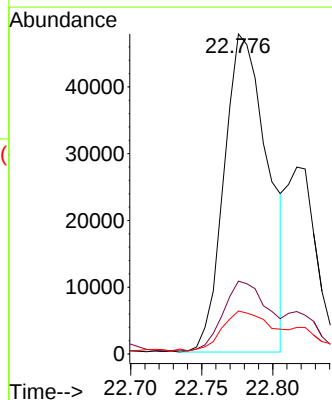
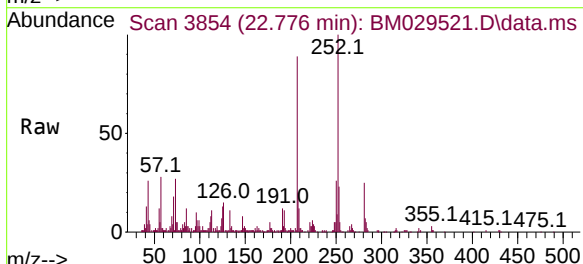
Instrument :
BNA_M
ClientSampleId :
WC-1

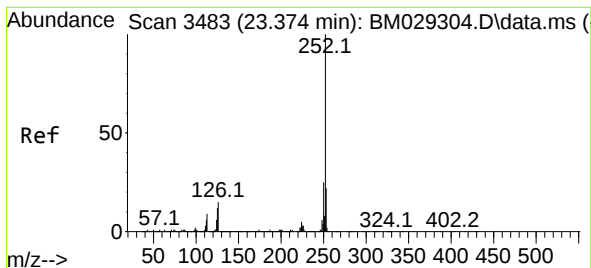
Tgt Ion:276 Resp: 65423
Ion Ratio Lower Upper
276 100
138 24.5 22.6 34.0
277 26.0 20.2 30.4



#88
Benzo(b)fluoranthene
Concen: 4.24 ng
RT: 22.776 min Scan# 3854
Delta R.T. -0.004 min
Lab File: BM029521.D
Acq: 16 Apr 2021 14:40

Tgt Ion:252 Resp: 102020
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 13.4 9.0 13.4





#90

Benzo(a)pyrene

Concen: 3.45 ng

RT: 23.340 min Scan# 3950

Delta R.T. -0.004 min

Lab File: BM029521.D

Acq: 16 Apr 2021 14:40

Tgt Ion:252 Resp: 75840

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.4

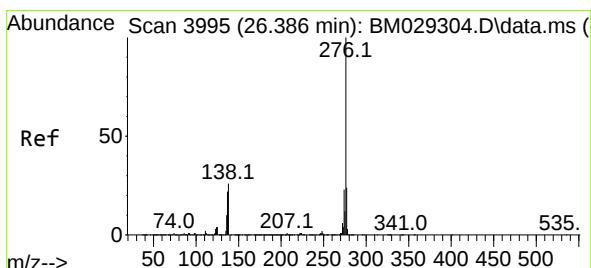
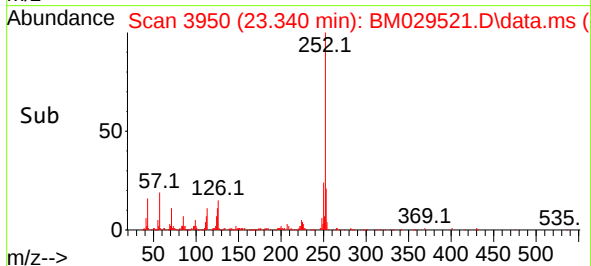
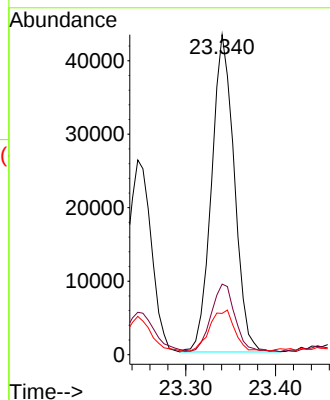
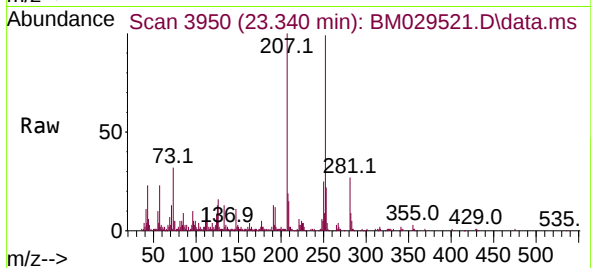
125 12.9 9.5 14.3

Instrument :

BNA_M

ClientSampleId :

WC-1



#92

Benzo(g,h,i)perylene

Concen: 3.12 ng

RT: 26.329 min Scan# 4458

Delta R.T. -0.016 min

Lab File: BM029521.D

Acq: 16 Apr 2021 14:40

Tgt Ion:276 Resp: 69737

Ion Ratio Lower Upper

276 100

277 23.1 18.7 28.1

138 26.4 19.0 28.4

