

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
 Data File : BM029524.D
 Acq On : 16 Apr 2021 16:31
 Operator : CG/JU
 Sample : M1998-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SB-3A

Manual Integrations
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mohammad
 4/19/2021 11:46:25 AM

Quant Time: Apr 16 23:19:25 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	7.675	152	84565	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	339951	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	196898	20.00	ng	0.00
64) Phenanthrene-d10	17.057	188	390345	20.00	ng	0.00
76) Chrysene-d12	21.233	240	371435	20.00	ng	0.00
86) Perylene-d12	23.445	264	388968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	461628	90.13	ng	0.00
7) Phenol-d6	6.852	99	684825	94.71	ng	0.00
23) Nitrobenzene-d5	8.822	82	488414	65.87	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	75142	38.18	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	848142	60.01	ng	0.00
79) Terphenyl-d14	19.686	244	1077382	55.09	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.875	94	217672	30.61	ng	95
71) Phenanthrene	17.098	178	63745	2.82	ng	97
75) Fluoranthene	19.116	202	122407	4.87	ng	97
78) Pyrene	19.474	202	148554	5.76	ng	98
81) Benzo(a)anthracene	21.221	228	71321	2.88	ng	# 88
83) Chrysene	21.268	228	72705	3.00	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.162	149	291964	16.33	ng	98
88) Benzo(b)fluoranthene	22.786	252	88061m	3.45	ng	
90) Benzo(a)pyrene	23.345	252	71277	3.05	ng	# 80

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

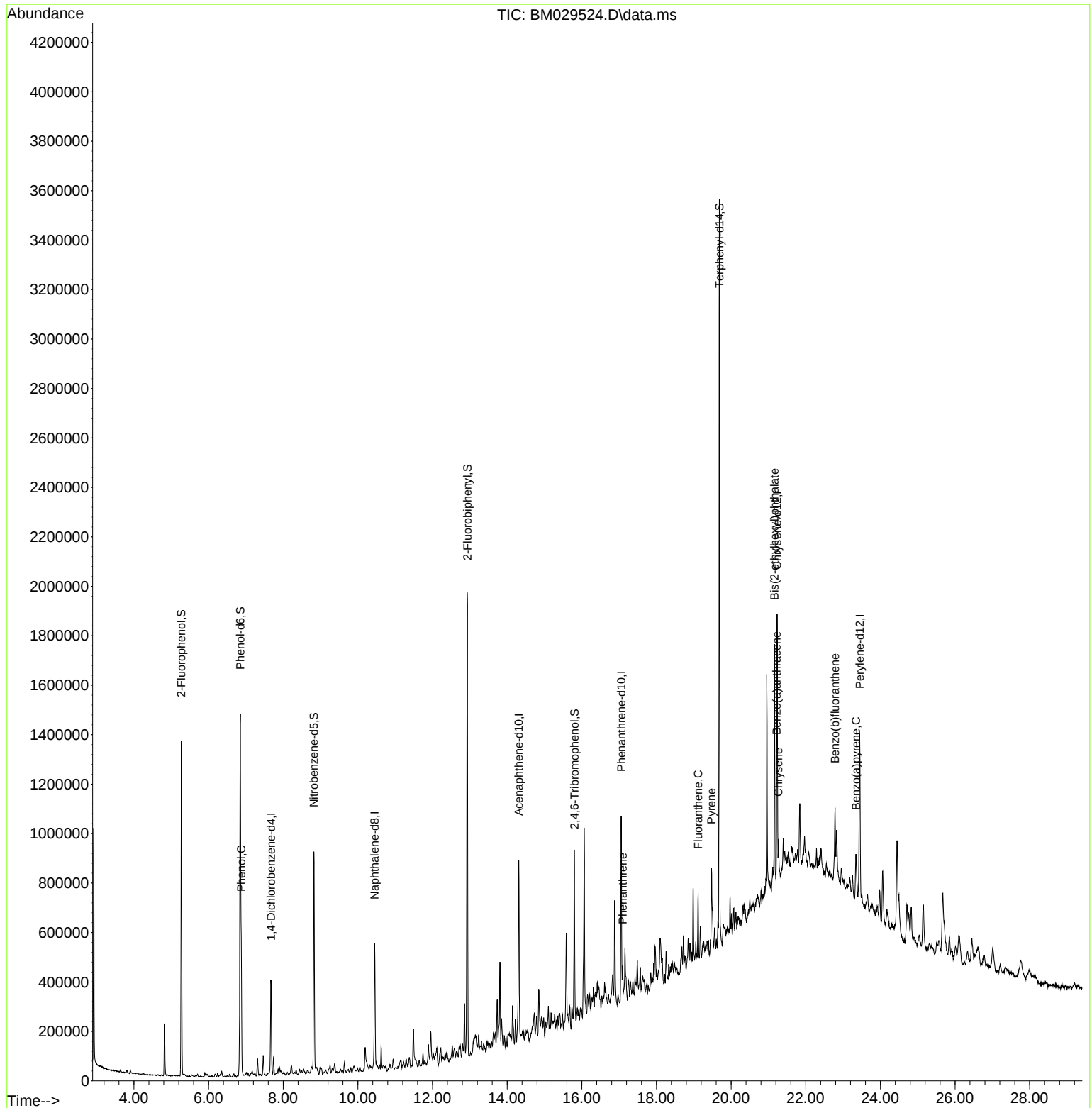
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029524.D
Acq On : 16 Apr 2021 16:31
Operator : CG/JU
Sample : M1998-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

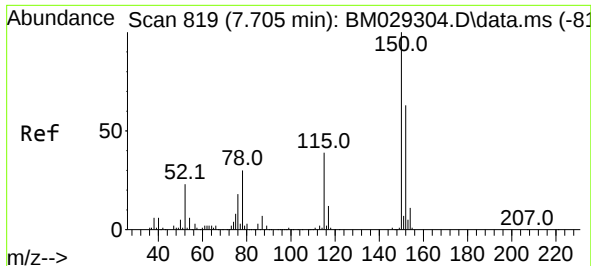
Instrument :
BNA_M
ClientSampleId :
SB-3A

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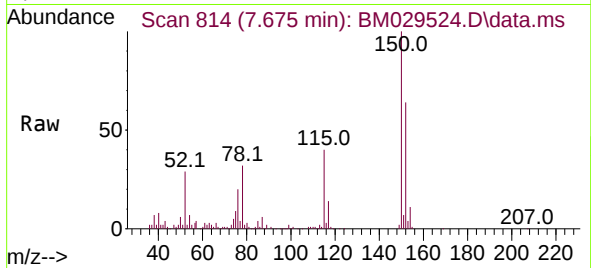
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Quant Time: Apr 16 23:19:25 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
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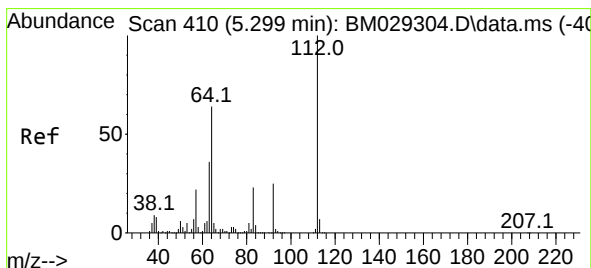
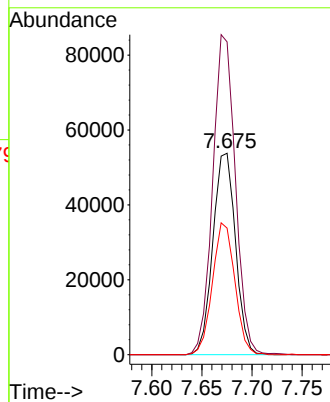
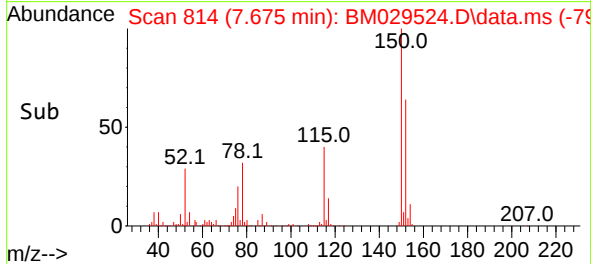




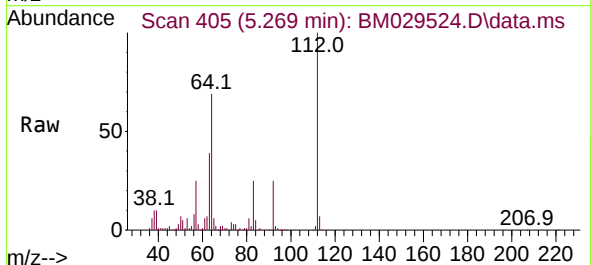
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 814
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



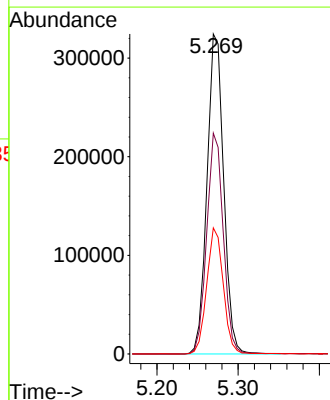
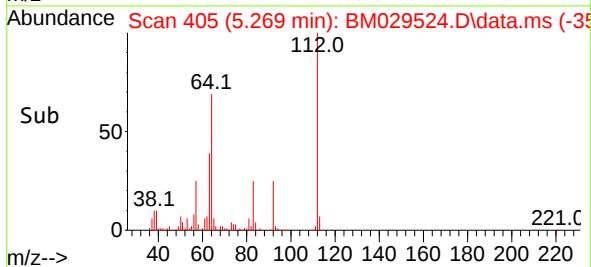
Tgt Ion:152 Resp: 84565
Ion Ratio Lower Upper
152 100
150 155.3 124.3 186.5
115 62.8 46.4 69.6



#5
2-Fluorophenol
Concen: 90.13 ng
RT: 5.269 min Scan# 405
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



Tgt Ion:112 Resp: 461628
Ion Ratio Lower Upper
112 100
64 69.0 51.6 77.4
63 39.4 29.0 43.4



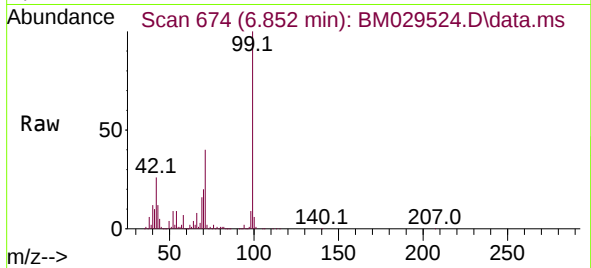
Instrument :
BNA_M
ClientSampleId :
SB-3A

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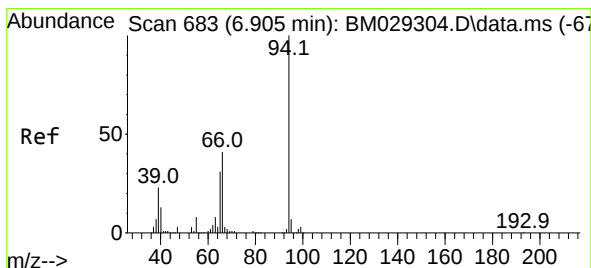
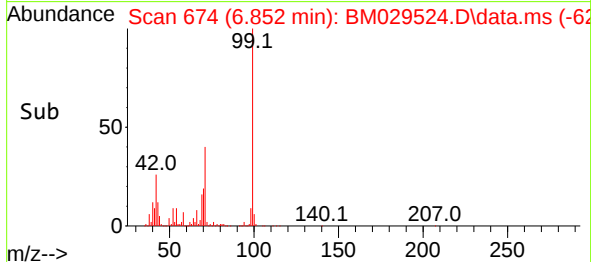
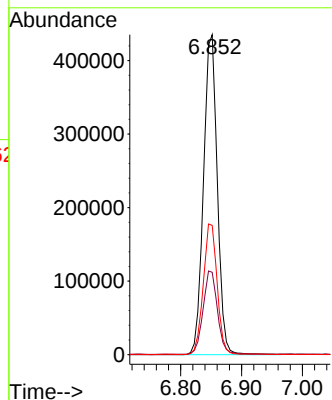
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#7
Phenol-d6
Concen: 94.71 ng
RT: 6.852 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

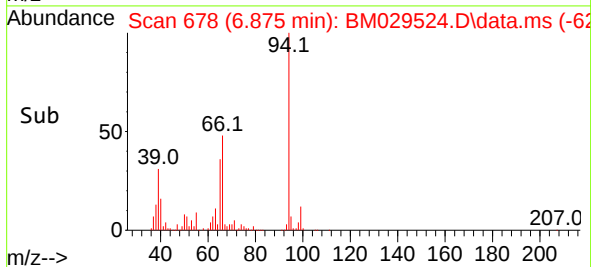
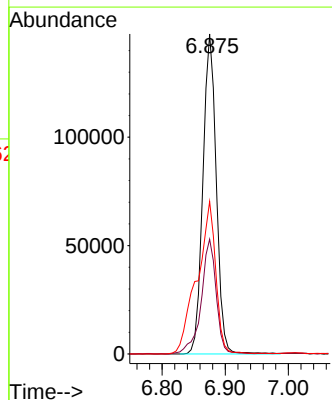
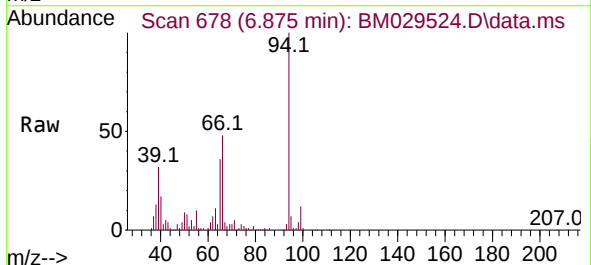


Tgt Ion: 99 Resp: 684825
Ion Ratio Lower Upper
99 100
42 25.8 18.5 27.7
71 40.4 31.8 47.6



#10
Phenol
Concen: 30.61 ng
RT: 6.875 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

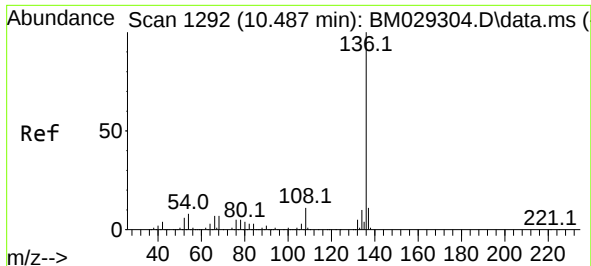
Tgt Ion: 94 Resp: 217672
Ion Ratio Lower Upper
94 100
65 35.8 13.0 53.0
66 47.6 24.1 64.1



Instrument :
BNA_M
ClientSampleId :
SB-3A

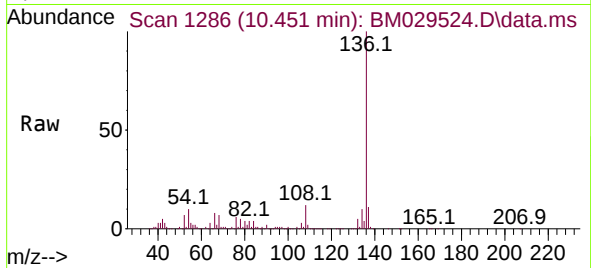
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

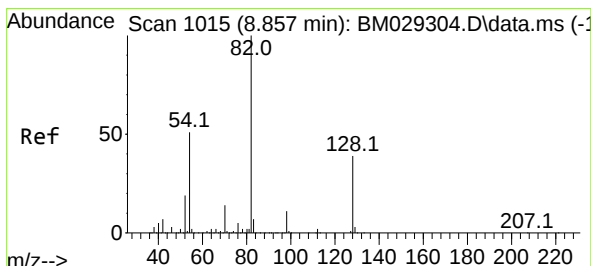
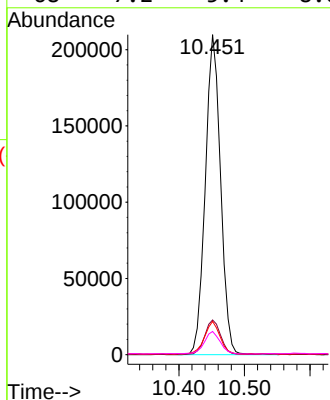
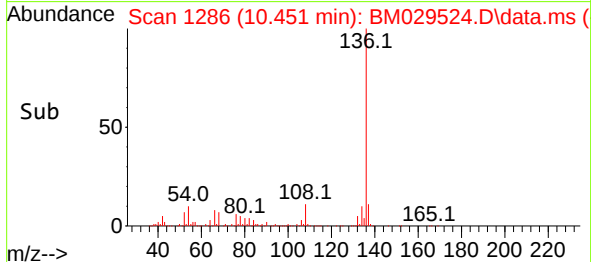
Instrument :
BNA_M
ClientSampled :
SB-3A



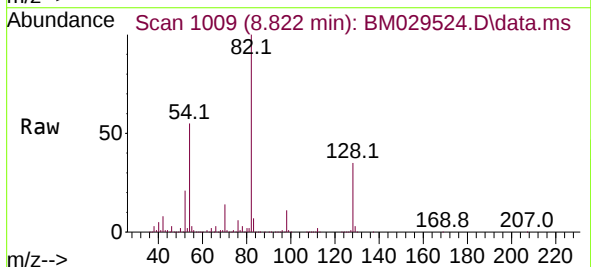
Tgt Ion:136 Resp: 339951
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 10.4 6.9 10.3#
68 7.2 5.4 8.0

Manual Integrations
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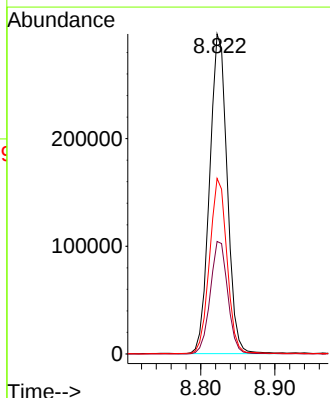
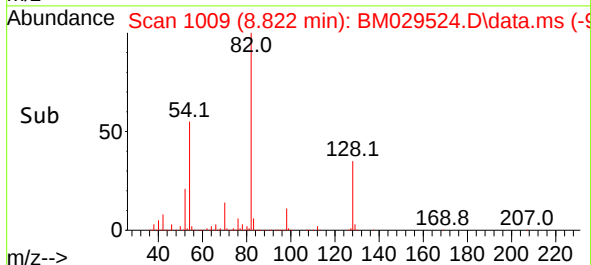
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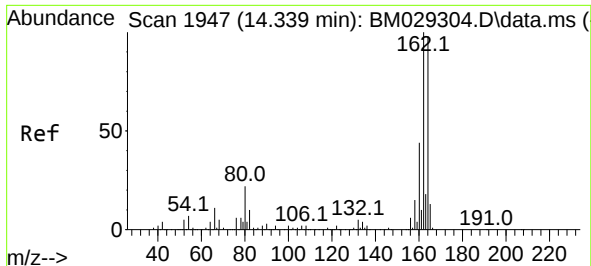


#23
Nitrobenzene-d5
Concen: 65.87 ng
RT: 8.822 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



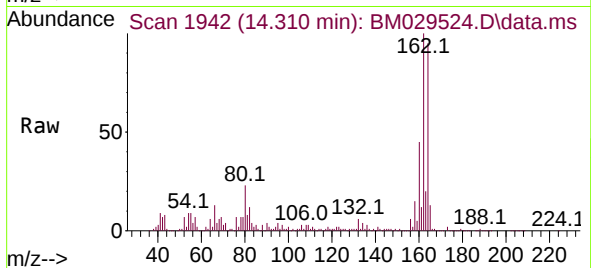
Tgt Ion: 82 Resp: 488414
Ion Ratio Lower Upper
82 100
128 35.2 28.6 42.8
54 54.8 40.7 61.1





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

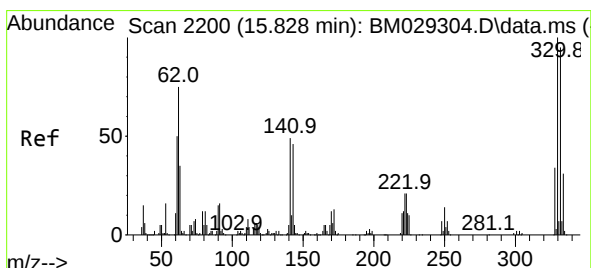
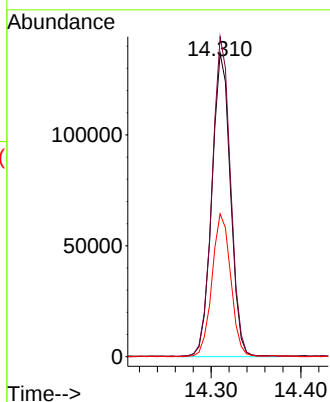
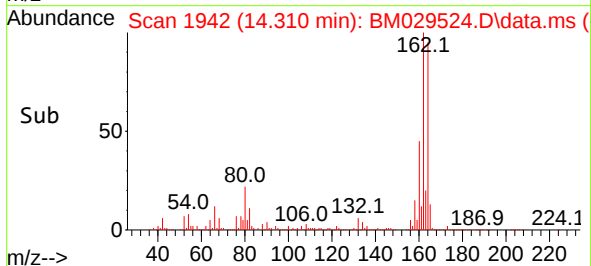
Instrument :
BNA_M
ClientSampleId :
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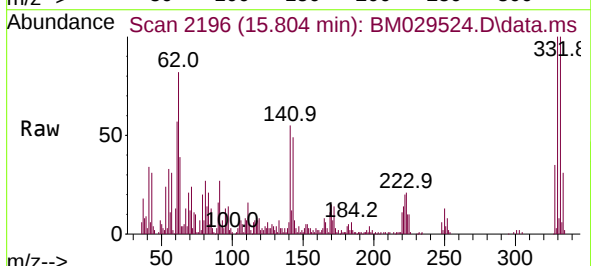
Tgt Ion:164 Resp: 196898
Ion Ratio Lower Upper
164 100
162 105.4 84.4 126.6
160 47.1 36.6 54.8

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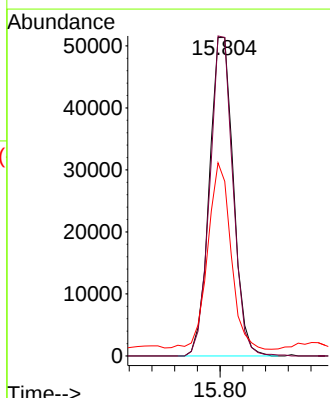
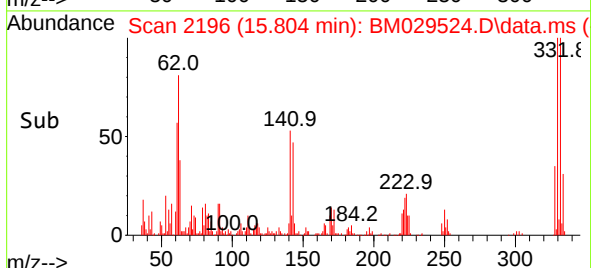
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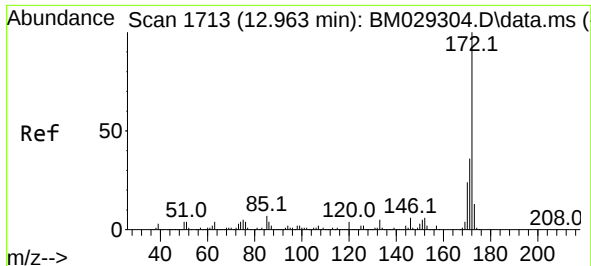


#42
2,4,6-Tribromophenol
Concen: 38.18 ng
RT: 15.804 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



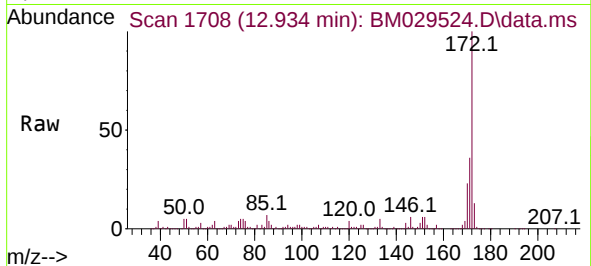
Tgt Ion:330 Resp: 75142
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 57.1 39.2 58.8





#45
2-Fluorobiphenyl
Concen: 60.01 ng
RT: 12.934 min Scan# 1708
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

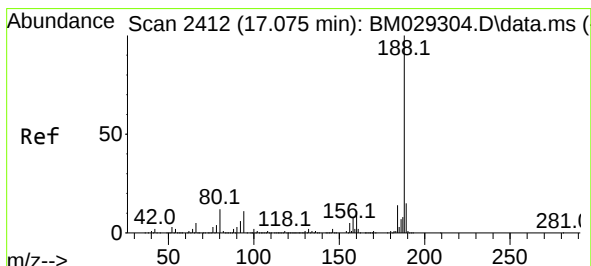
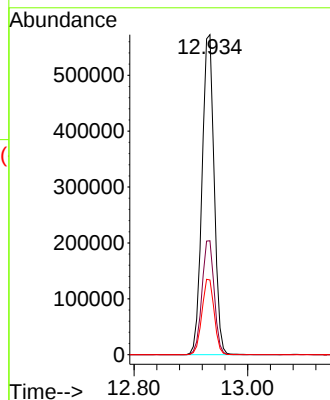
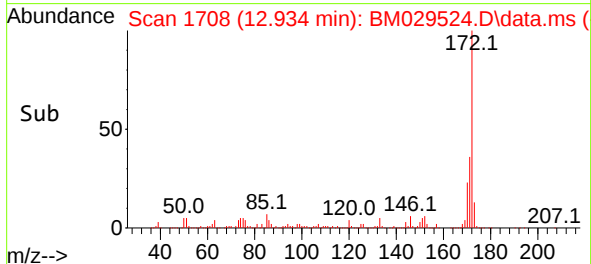
Instrument :
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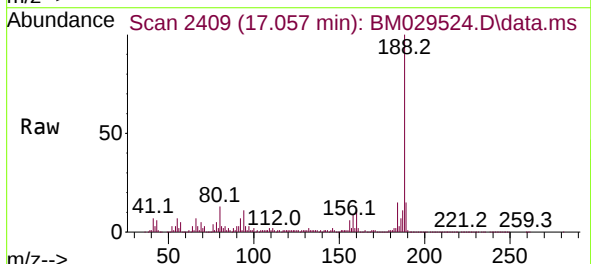
Tgt Ion:172 Resp: 848142
Ion Ratio Lower Upper
172 100
171 35.6 28.7 43.1
170 23.4 18.8 28.2

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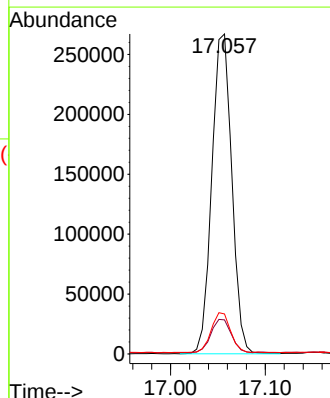
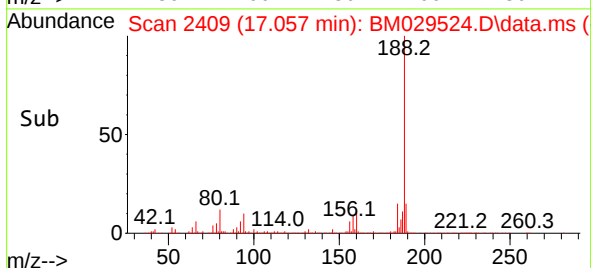
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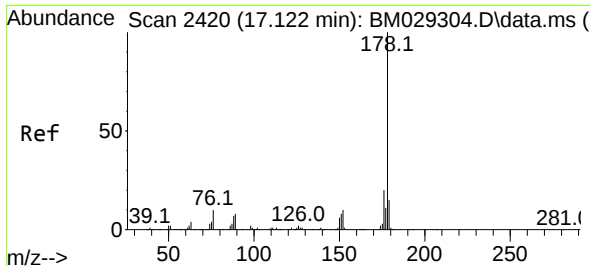


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



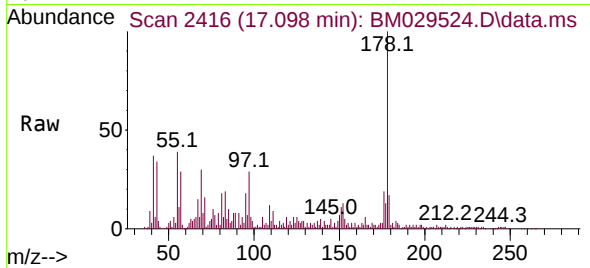
Tgt Ion:188 Resp: 390345
Ion Ratio Lower Upper
188 100
94 10.6 8.1 12.1
80 12.5 9.2 13.8





#71
Phenanthrene
Concen: 2.82 ng
RT: 17.098 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

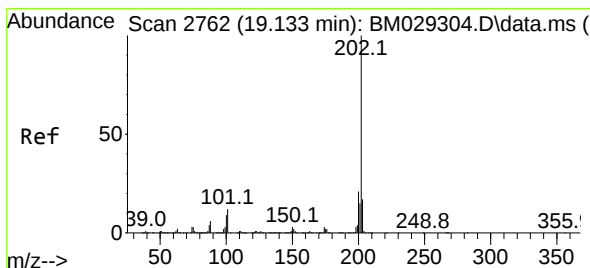
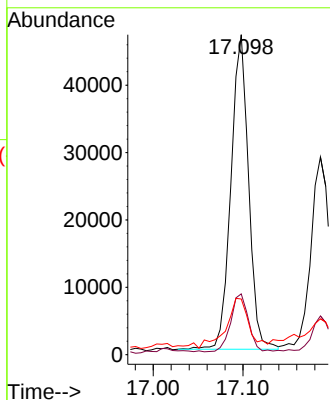
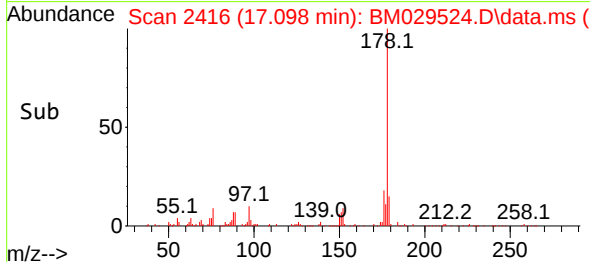
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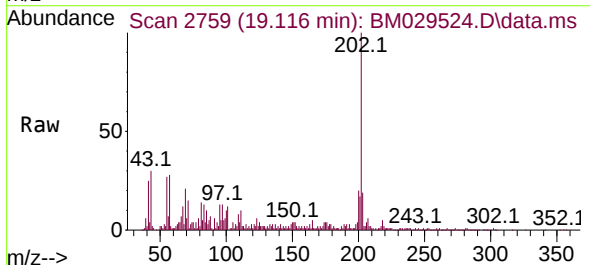
Tgt Ion:178 Resp: 63745
Ion Ratio Lower Upper
178 100
176 19.0 15.7 23.5
179 17.4 11.9 17.9

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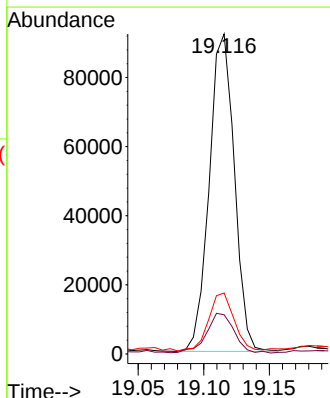
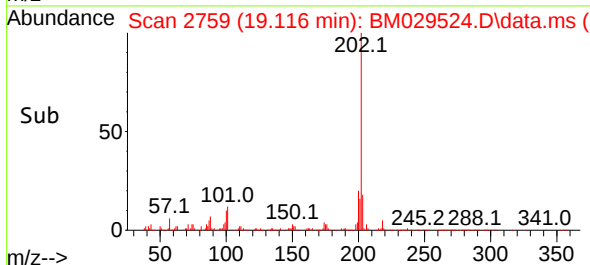
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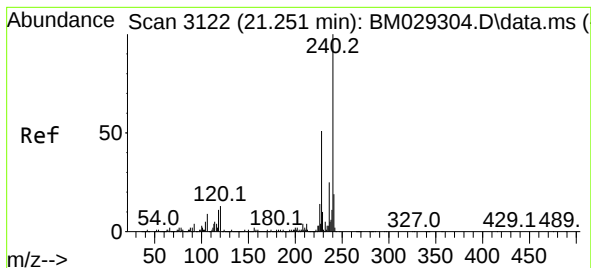


#75
Fluoranthene
Concen: 4.87 ng
RT: 19.116 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



Tgt Ion:202 Resp: 122407
Ion Ratio Lower Upper
202 100
101 12.3 0.0 31.5
203 19.1 0.0 37.7





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.233 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BM029524.D

Acq: 16 Apr 2021 16:31

Tgt Ion:240 Resp: 371435

Ion Ratio Lower Upper

240 100

120 13.5 9.0 13.6

236 26.3 20.3 30.5

Instrument :

BNA_M

ClientSampled :

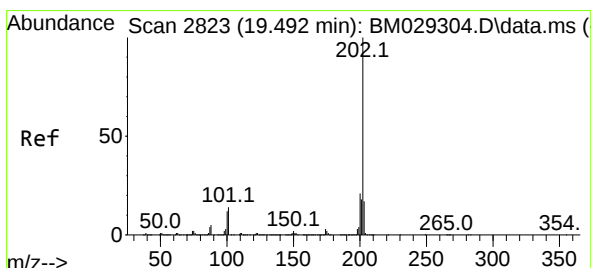
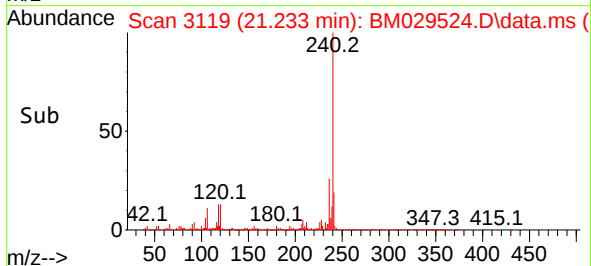
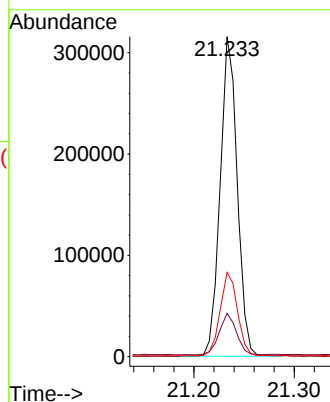
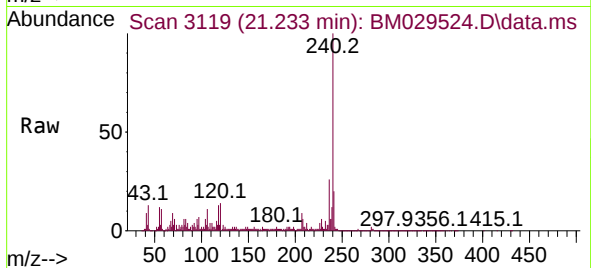
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#78

Pyrene

Concen: 5.76 ng

RT: 19.474 min Scan# 2820

Delta R.T. 0.000 min

Lab File: BM029524.D

Acq: 16 Apr 2021 16:31

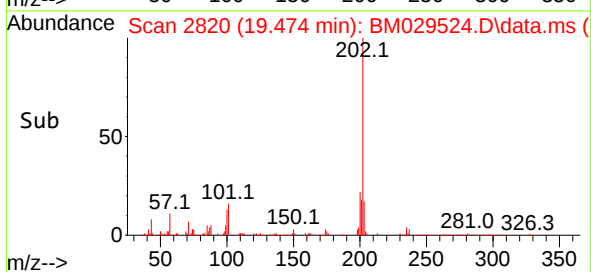
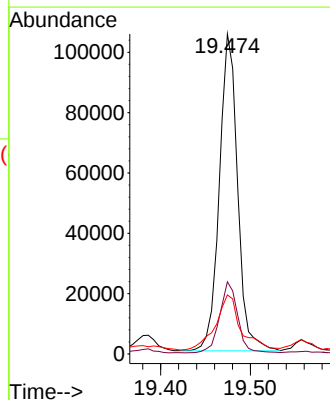
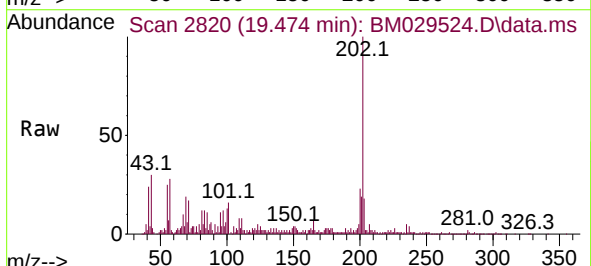
Tgt Ion:202 Resp: 148554

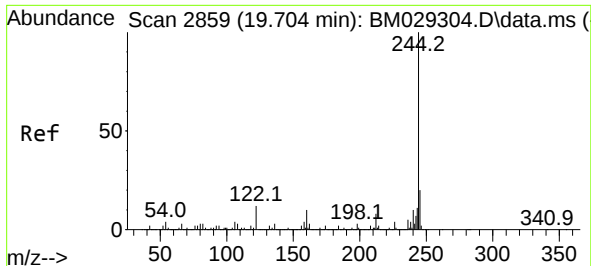
Ion Ratio Lower Upper

202 100

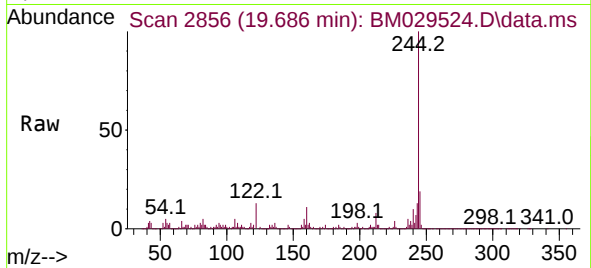
200 22.5 17.0 25.6

203 18.5 14.1 21.1

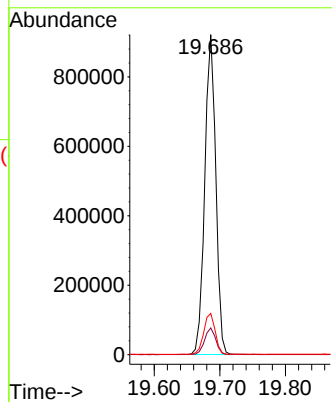
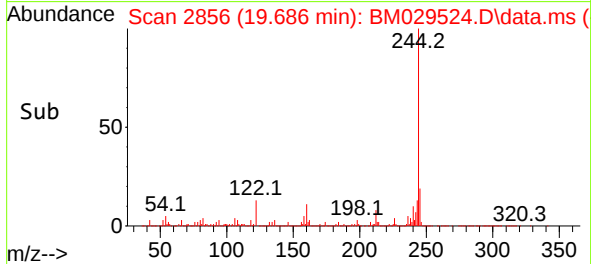




#79
Terphenyl-d14
Concen: 55.09 ng
RT: 19.686 min Scan# 2856
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



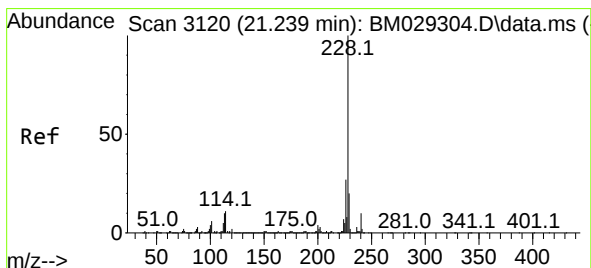
Tgt Ion:244 Resp: 1077382
Ion Ratio Lower Upper
244 100
212 8.3 6.5 9.7
122 12.9 9.2 13.8



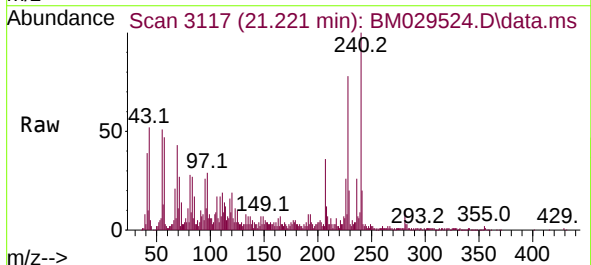
Instrument :
BNA_M
ClientSampled :
SB-3A

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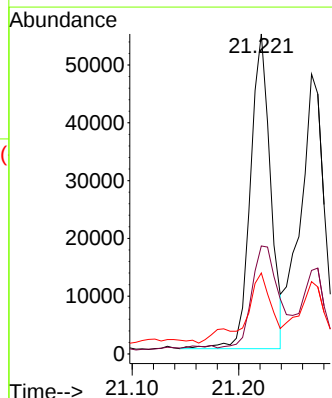
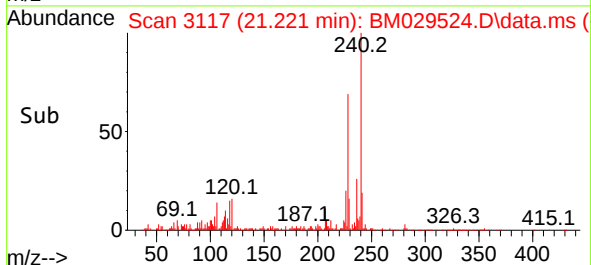
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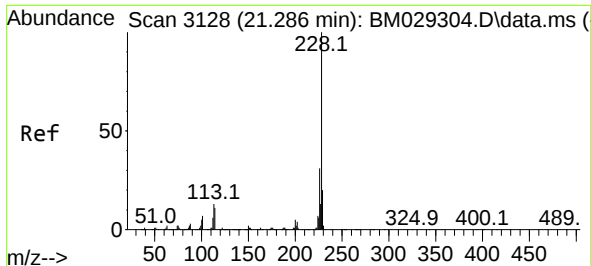


#81
Benzo(a)anthracene
Concen: 2.88 ng
RT: 21.221 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



Tgt Ion:228 Resp: 71321
Ion Ratio Lower Upper
228 100
226 33.7 21.9 32.9#
229 25.3 15.7 23.5#





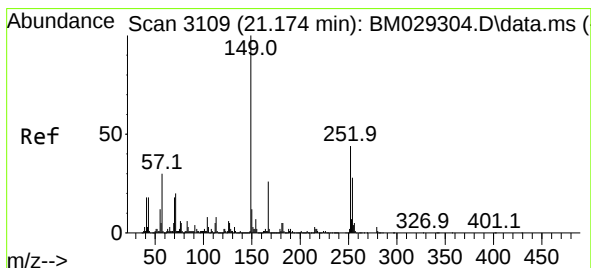
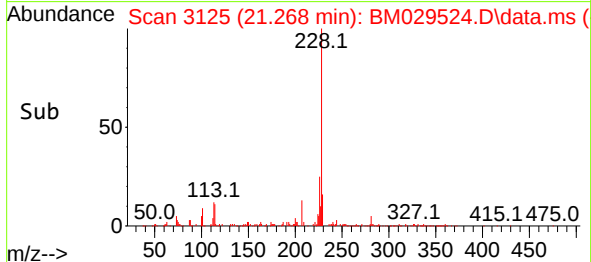
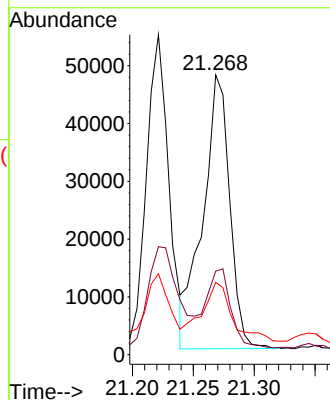
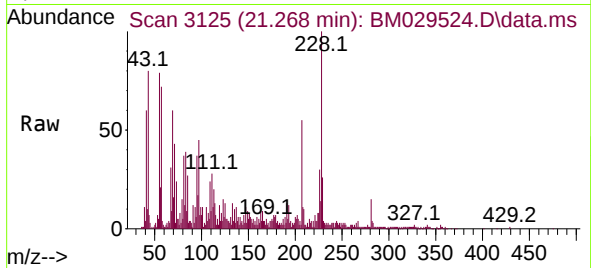
#83
Chrysene
Concen: 3.00 ng
RT: 21.268 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.7	37.1
229	25.9	15.8	23.6

Instrument :
BNA_M
ClientSampled :
SB-3A

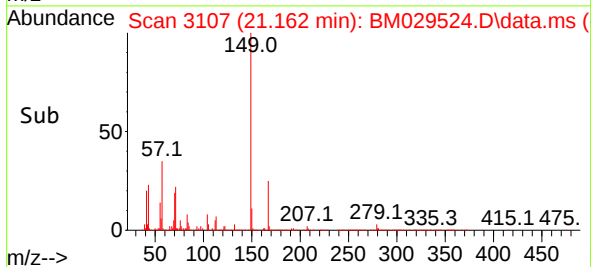
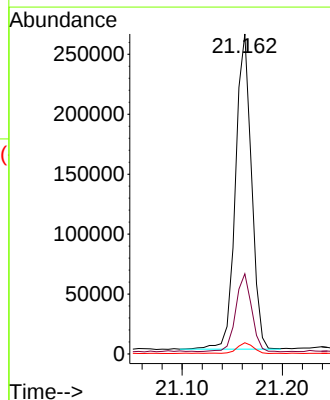
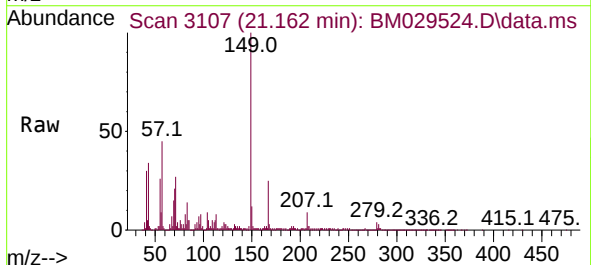
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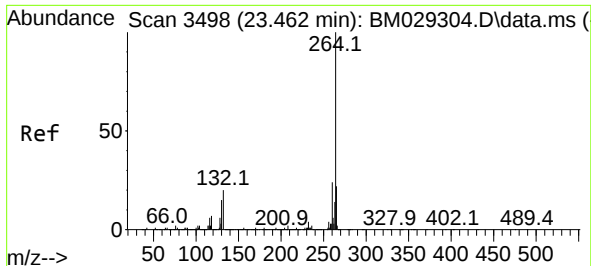
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#84
Bis(2-ethylhexyl)phthalate
Concen: 16.33 ng
RT: 21.162 min Scan# 3107
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	20.6	31.0
279	3.5	3.3	4.9





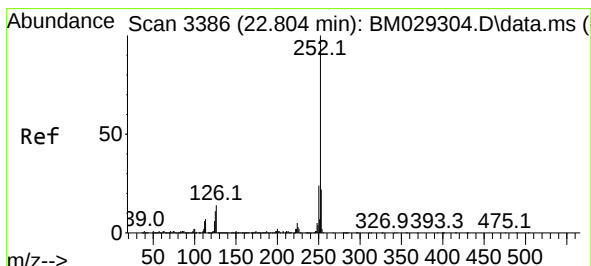
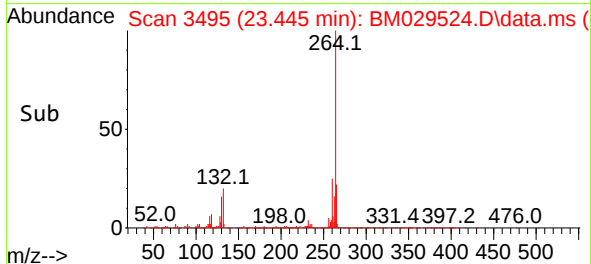
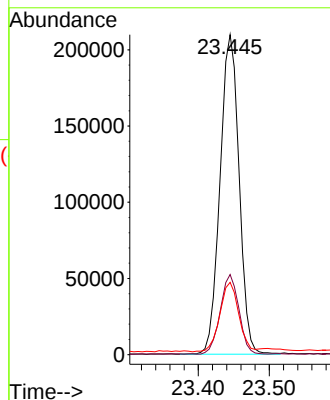
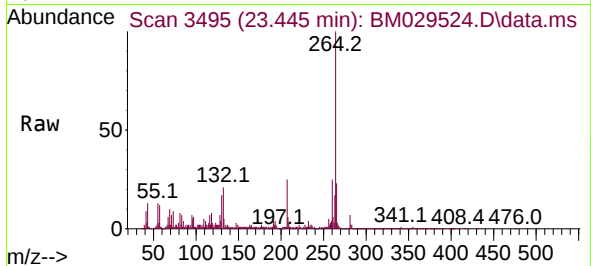
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.445 min Scan# 3495
Delta R.T. 0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion:264 Resp: 388968
Ion Ratio Lower Upper
264 100
260 25.0 19.6 29.4
265 22.6 17.8 26.8

Instrument :
BNA_M
ClientSampled :
SB-3A

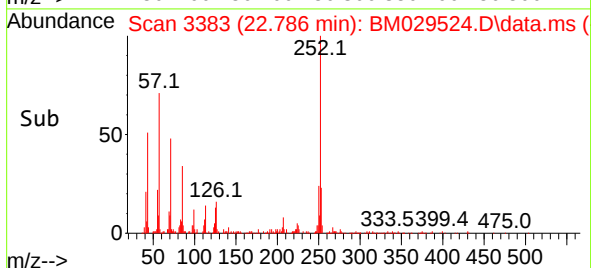
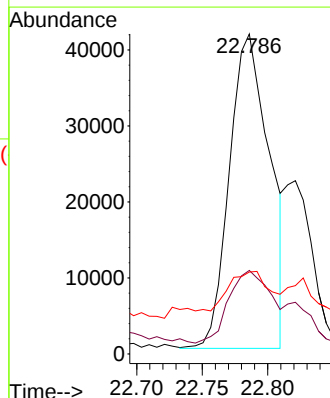
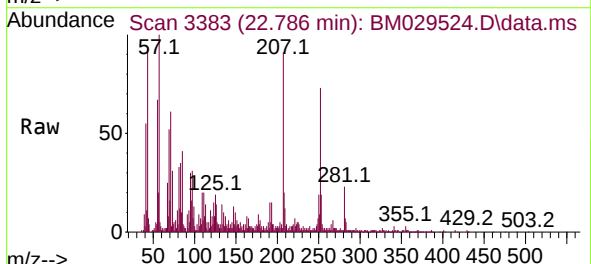
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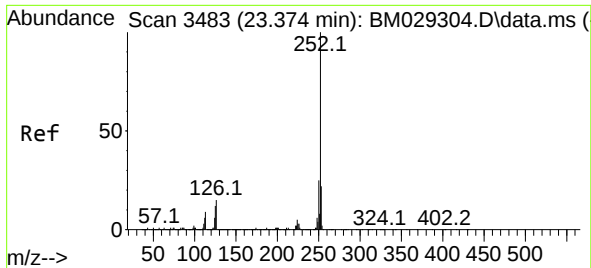
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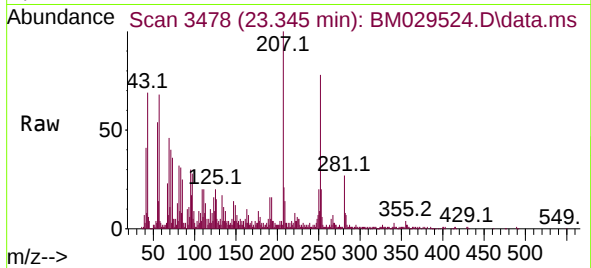
#88
Benzo(b)fluoranthene
Concen: 3.45 ng m
RT: 22.786 min Scan# 3383
Delta R.T. 0.006 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31

Tgt Ion:252 Resp: 88061
Ion Ratio Lower Upper
252 100
253 26.1 17.6 26.4
125 25.6 9.0 13.4#

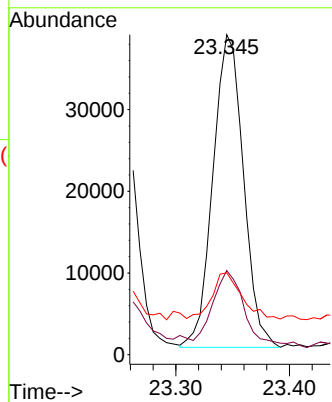
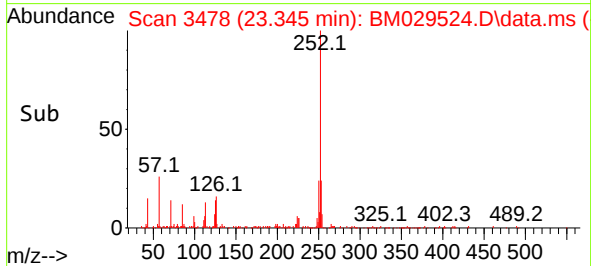




#90
Benzo(a)pyrene
Concen: 3.05 ng
RT: 23.345 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BM029524.D
Acq: 16 Apr 2021 16:31



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.0	25.4#
125	25.6	9.5	14.3#



Instrument :
BNA_M
ClientSampleId :
SB-3A

Manual Integrations
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