

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029666.D
 Acq On : 27 Apr 2021 01:03
 Operator : CG/JU
 Sample : M2176-09 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-2

Manual Integrations
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Quant Time: Apr 27 02:37:23 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 26 15:01:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	106275	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	385838	20.00	ng	0.00
39) Acenaphthene-d10	14.268	164	266178	20.00	ng	0.00
64) Phenanthrene-d10	17.009	188	582122	20.00	ng	0.00
76) Chrysene-d12	21.197	240	659823	20.00	ng	0.00
86) Perylene-d12	23.386	264	693288	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	198393	37.43	ng	0.00
7) Phenol-d6	6.798	99	247888	31.31	ng	0.00
23) Nitrobenzene-d5	8.775	82	157655	21.04	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	122396	33.25	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	429671	21.91	ng	0.00
79) Terphenyl-d14	19.645	244	652277	18.74	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.986	152	93315	3.91	ng	98
71) Phenanthrene	17.057	178	408259	12.18	ng	99
72) Anthracene	17.145	178	162131	4.90	ng	99
75) Fluoranthene	19.074	202	954447	23.48	ng	98
78) Pyrene	19.433	202	893652	21.05	ng	99
81) Benzo(a)anthracene	21.180	228	572440	13.11	ng	96
83) Chrysene	21.233	228	487384	11.36	ng	98
87) Indeno(1,2,3-cd)pyrene	25.579	276	364344	6.80	ng	# 95
88) Benzo(b)fluoranthene	22.733	252	769881m	17.03	ng	
89) Benzo(k)fluoranthene	22.768	252	209703m	4.63	ng	
90) Benzo(a)pyrene	23.291	252	539115	12.70	ng	98
92) Benzo(g,h,i)perylene	26.256	276	361960	8.47	ng	98

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

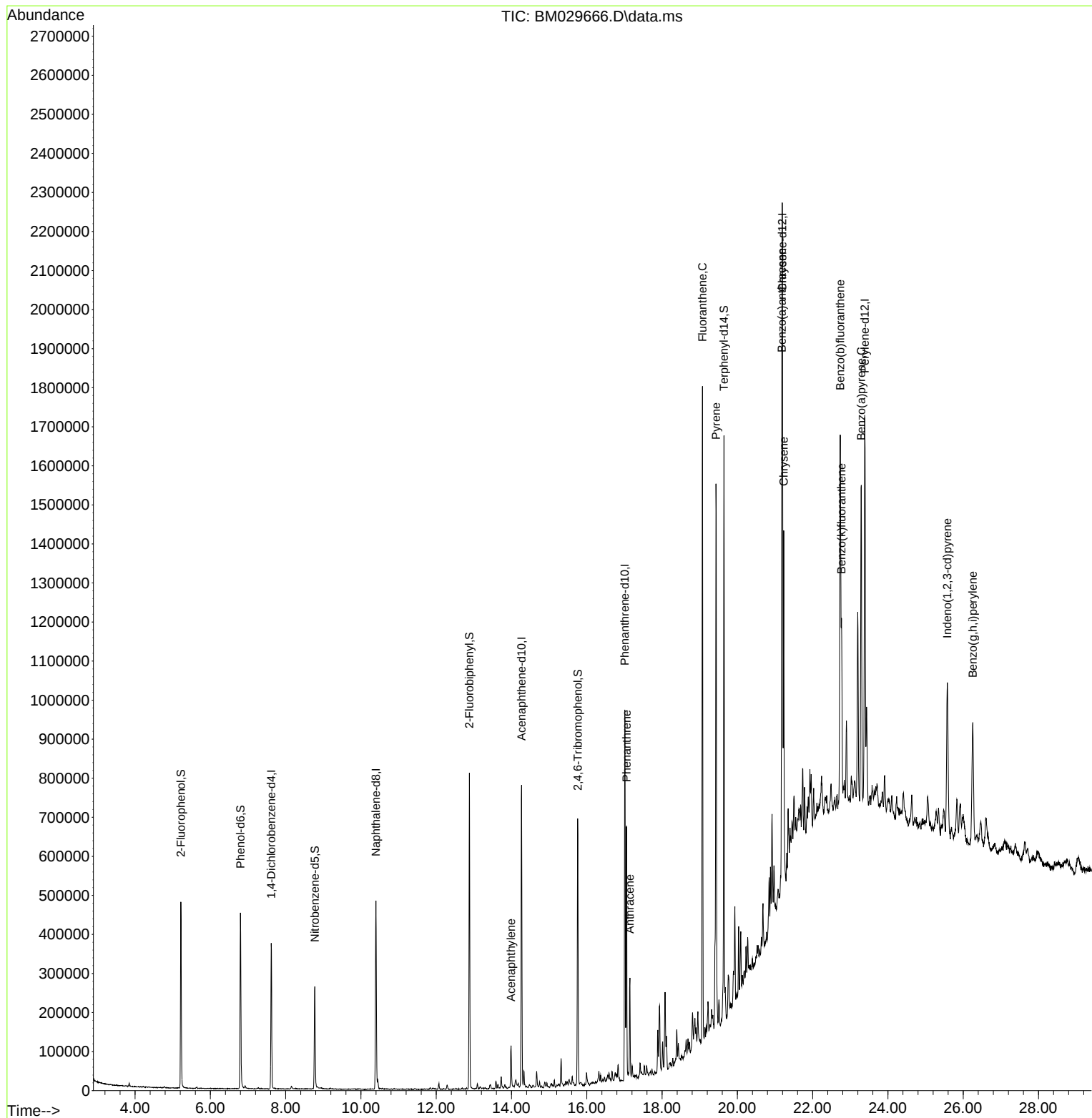
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029666.D
Acq On : 27 Apr 2021 01:03
Operator : CG/JU
Sample : M2176-09 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

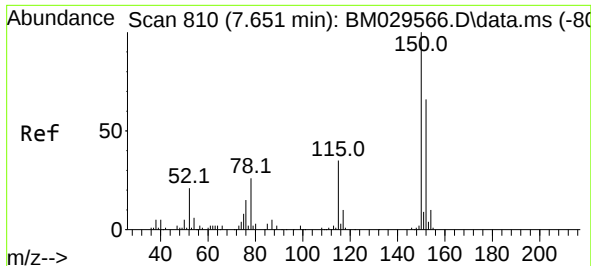
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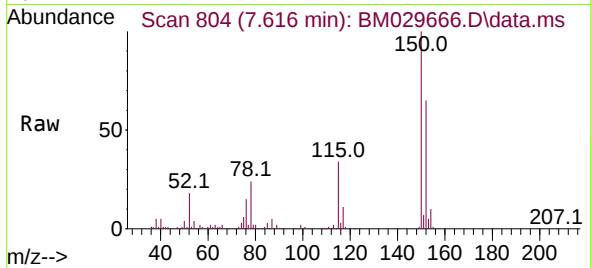
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
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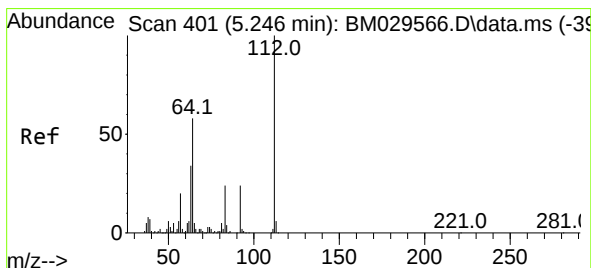
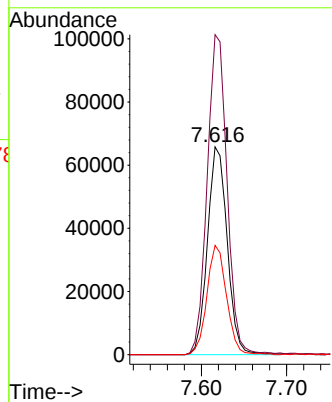
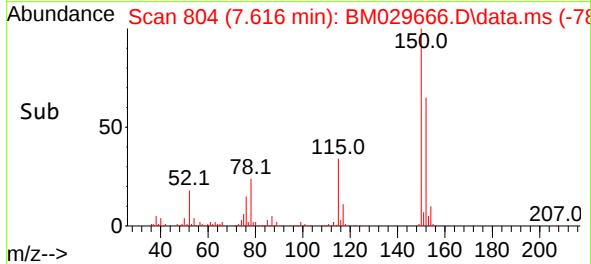




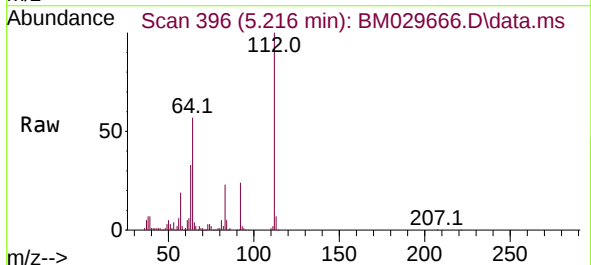
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03



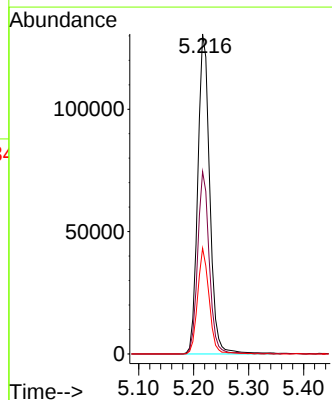
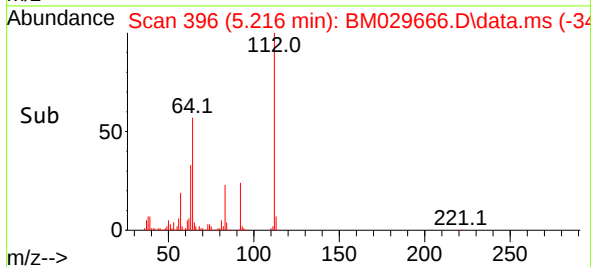
Tgt Ion:152 Resp: 106275
Ion Ratio Lower Upper
152 100
150 154.0 125.9 188.9
115 52.6 44.6 67.0



#5
2-Fluorophenol
Concen: 37.43 ng
RT: 5.216 min Scan# 396
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03



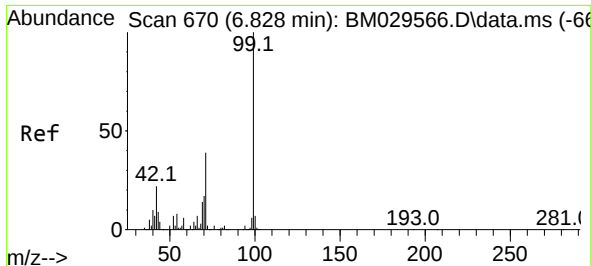
Tgt Ion:112 Resp: 198393
Ion Ratio Lower Upper
112 100
64 57.0 47.1 70.7
63 33.0 27.3 40.9



Instrument :
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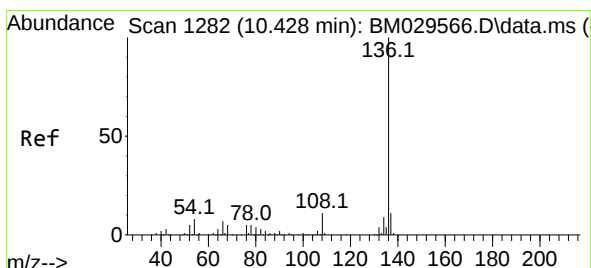
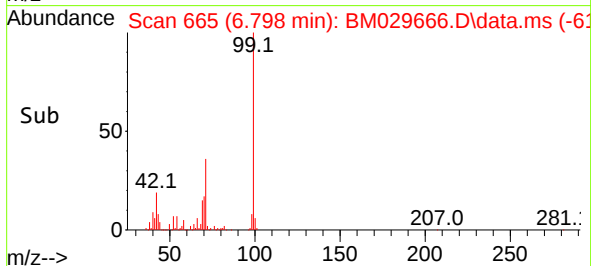
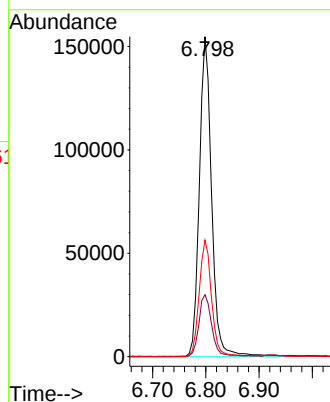
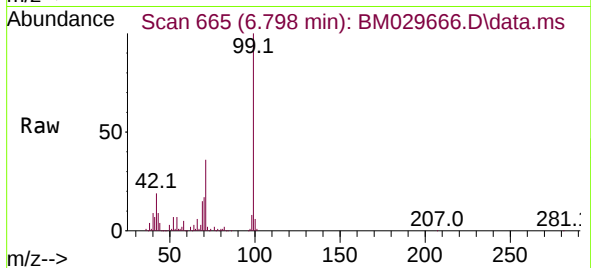
#7
Phenol-d6
Concen: 31.31 ng
RT: 6.798 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:	99	Resp:	247888
Ion	Ratio	Lower	Upper
99	100		
42	19.3	18.0	27.0
71	36.4	30.9	46.3

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

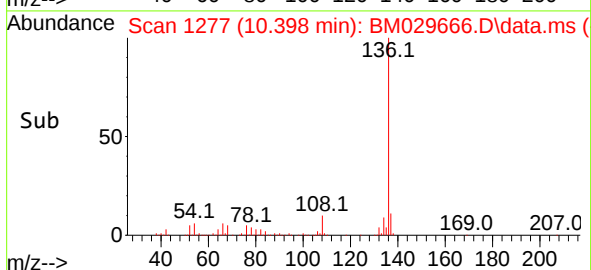
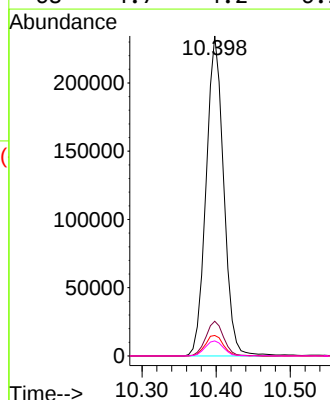
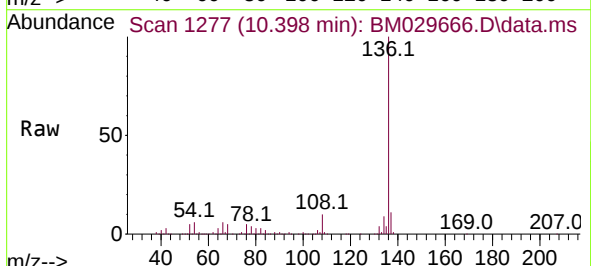
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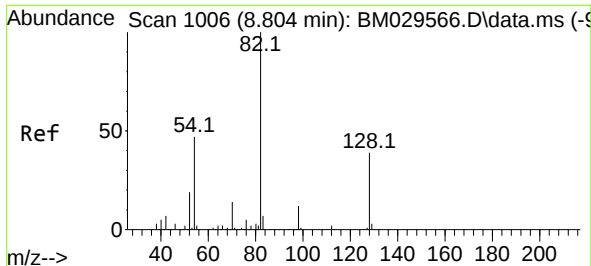
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:	136	Resp:	385838
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.4	5.5	8.3
68	4.7	4.2	6.2





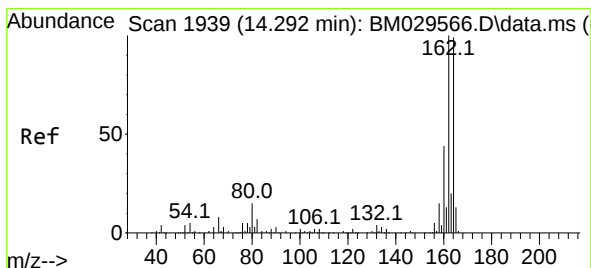
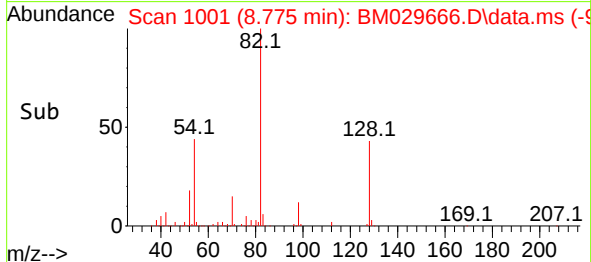
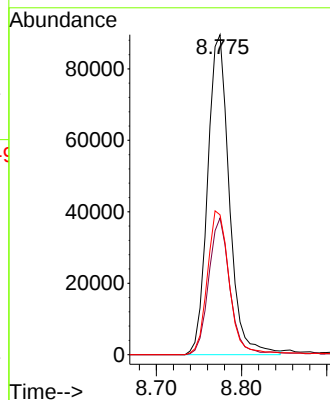
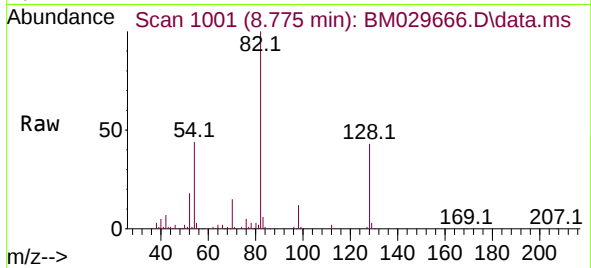
#23
Nitrobenzene-d5
Concen: 21.04 ng
RT: 8.775 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion: 82 Resp: 157655
Ion Ratio Lower Upper
82 100
128 42.7 31.1 46.7
54 43.7 37.3 55.9

Instrument :
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ClientSampleId :
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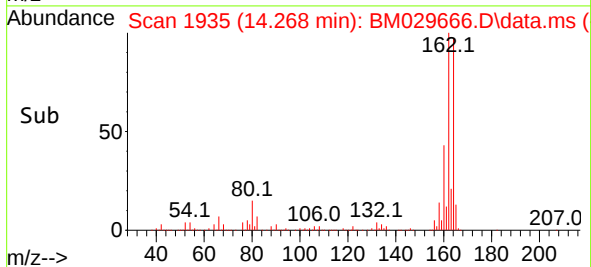
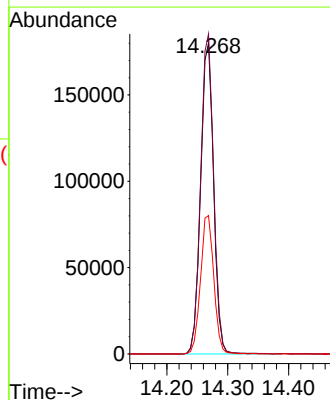
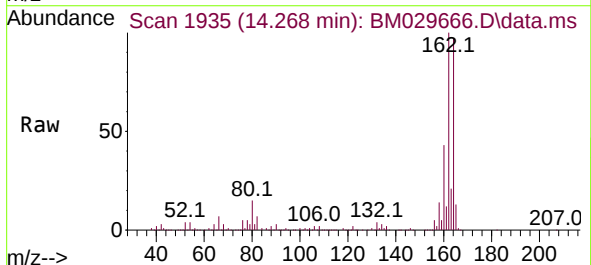
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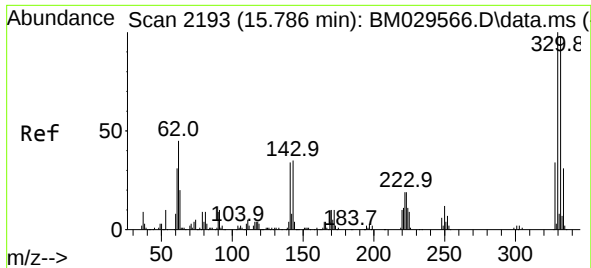
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

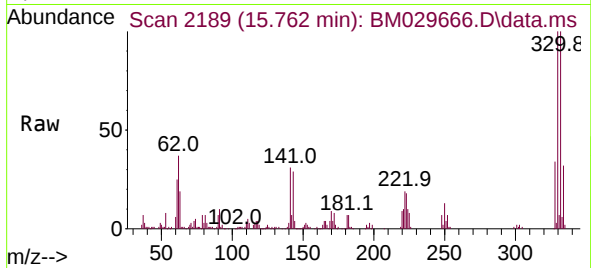
Tgt Ion:164 Resp: 266178
Ion Ratio Lower Upper
164 100
162 103.0 83.4 125.0
160 44.5 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 33.25 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

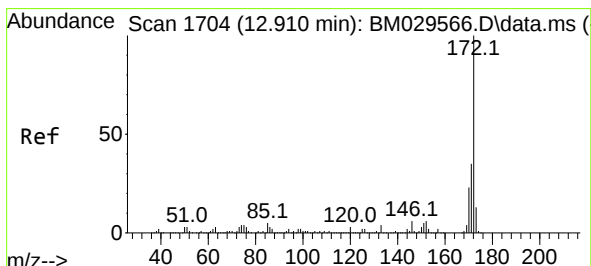
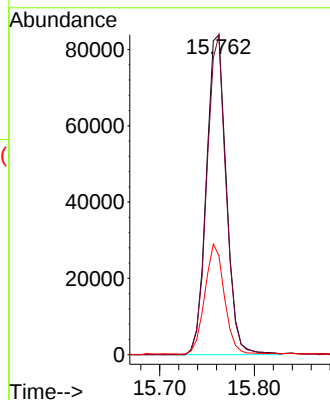
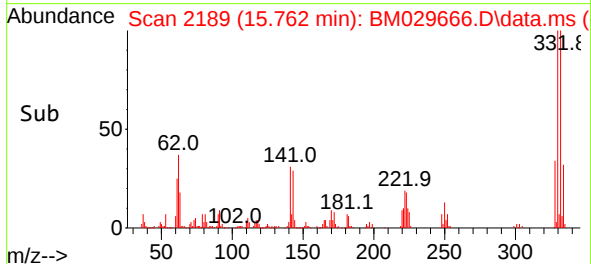
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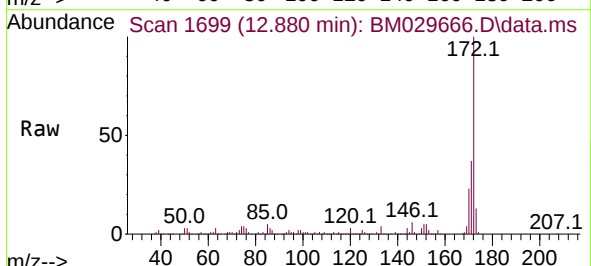
Tgt Ion:330 Resp: 122396
Ion Ratio Lower Upper
330 100
332 96.7 77.0 115.4
141 33.7 30.2 45.2

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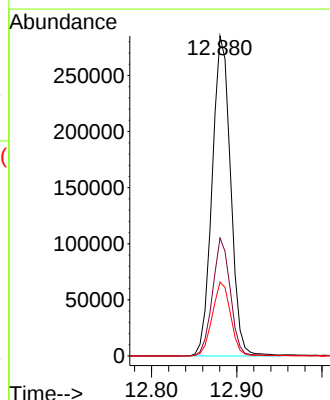
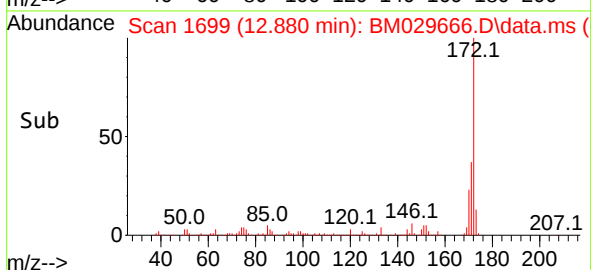
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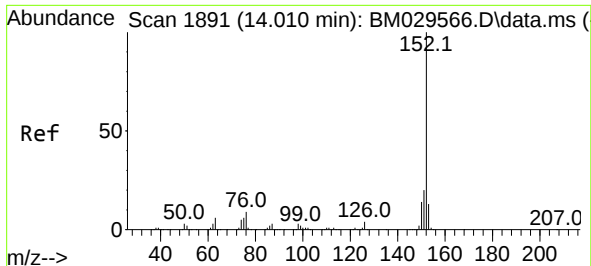


#45
2-Fluorobiphenyl
Concen: 21.91 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03



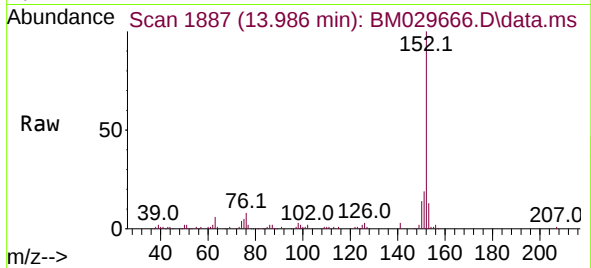
Tgt Ion:172 Resp: 429671
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.1 18.4 27.6





#49
Acenaphthylene
Concen: 3.91 ng
RT: 13.986 min Scan# 1887
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

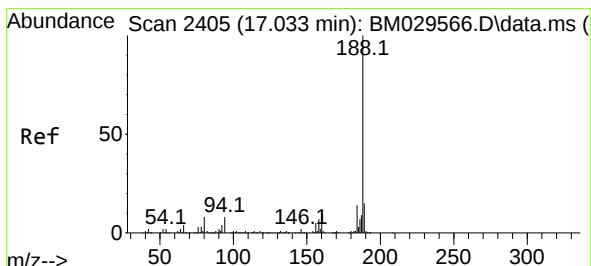
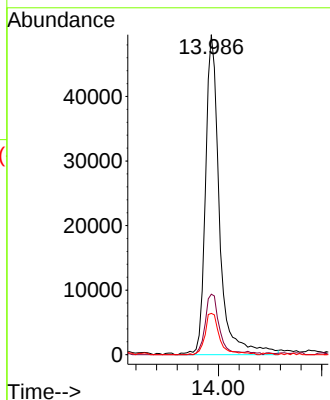
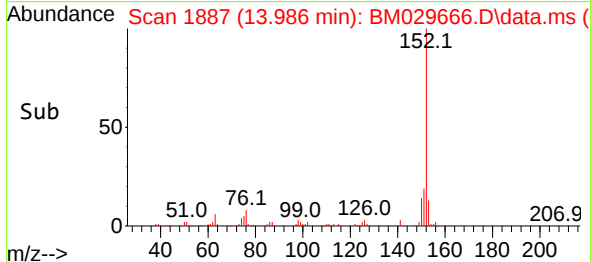
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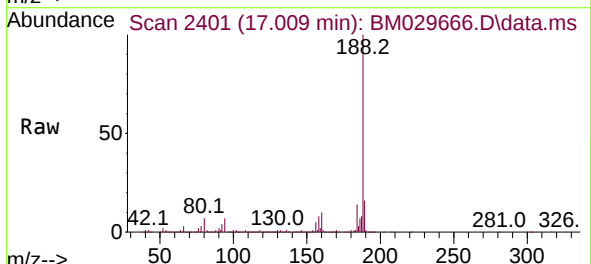
Tgt Ion:152 Resp: 93315
Ion Ratio Lower Upper
152 100
151 18.9 16.3 24.5
153 12.9 10.2 15.4

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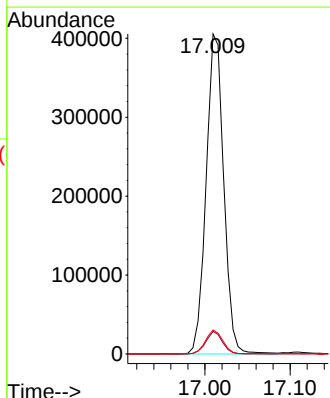
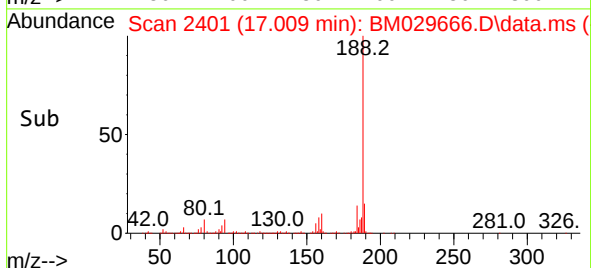
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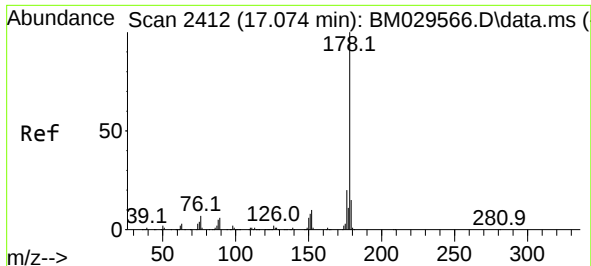


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.009 min Scan# 2401
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03



Tgt Ion:188 Resp: 582122
Ion Ratio Lower Upper
188 100
94 7.1 6.0 9.0
80 7.5 6.6 9.8





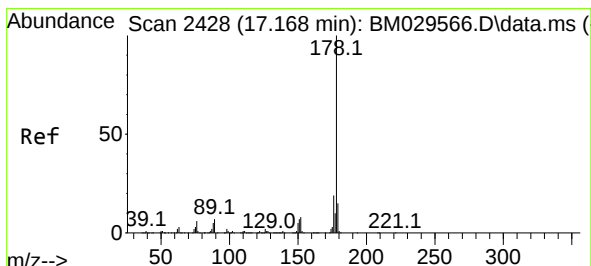
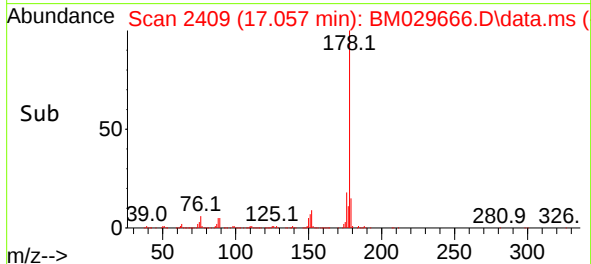
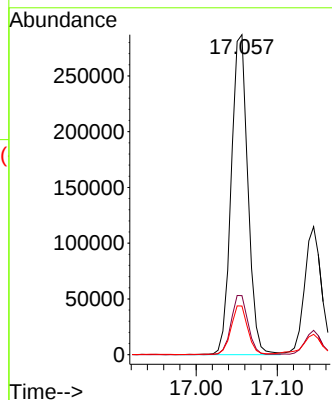
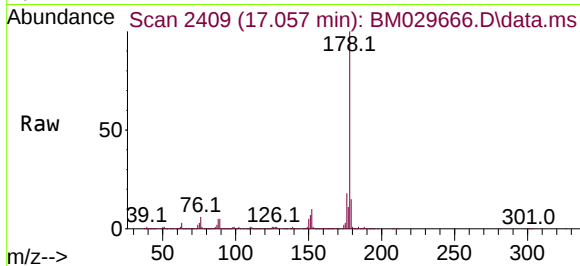
#71
Phenanthrene
Concen: 12.18 ng
RT: 17.057 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:178 Resp: 408259
Ion Ratio Lower Upper
178 100
176 18.4 15.4 23.0
179 15.2 12.2 18.4

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STOCKPILE-COMP-2

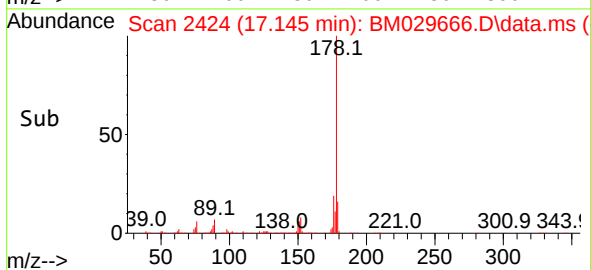
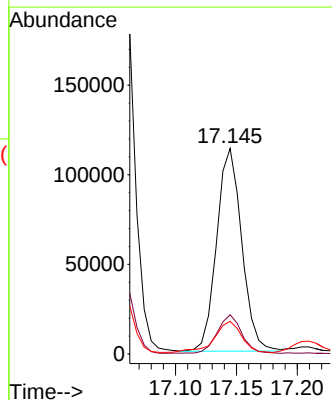
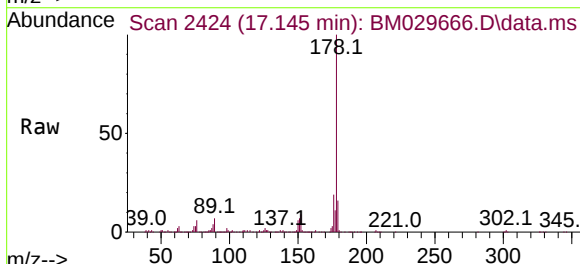
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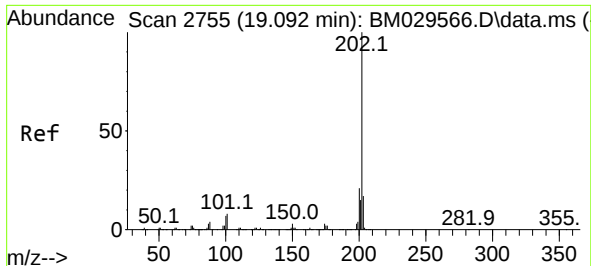
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#72
Anthracene
Concen: 4.90 ng
RT: 17.145 min Scan# 2424
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:178 Resp: 162131
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.8 12.5 18.7





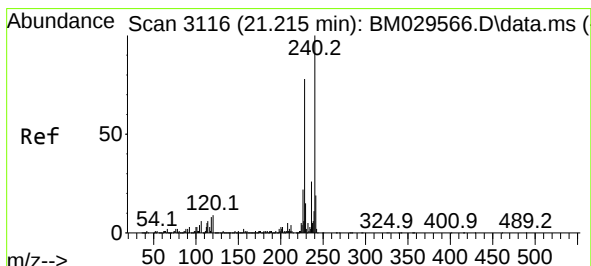
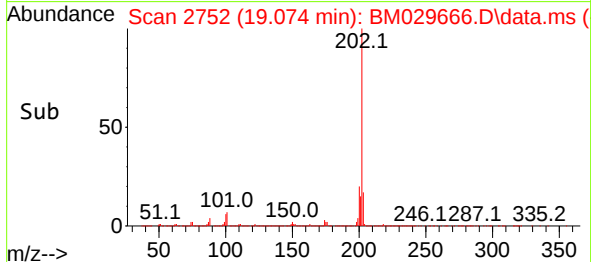
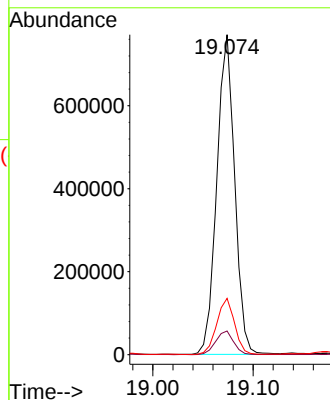
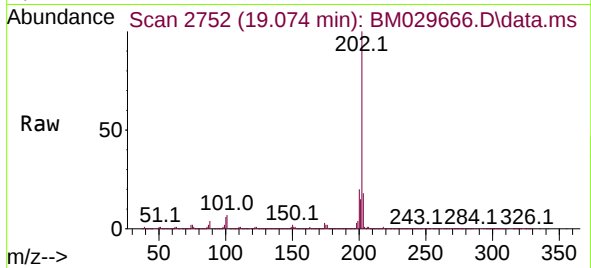
#75
Fluoranthene
Concen: 23.48 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.4	0.0	28.6
203	17.6	0.0	37.3

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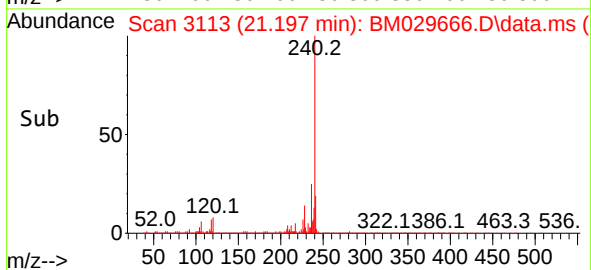
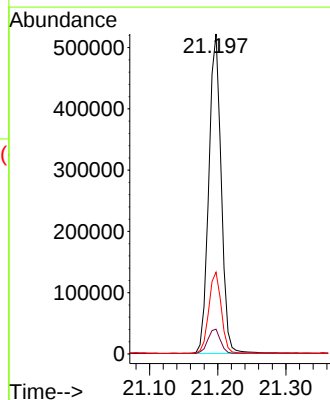
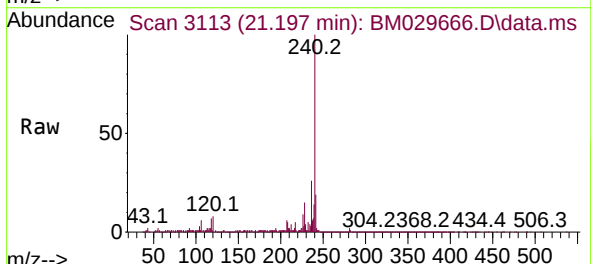
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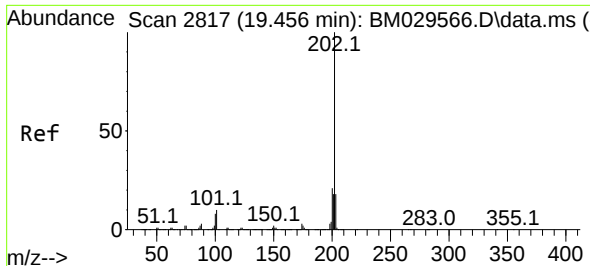
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.8	7.0	10.6
236	25.6	21.0	31.4





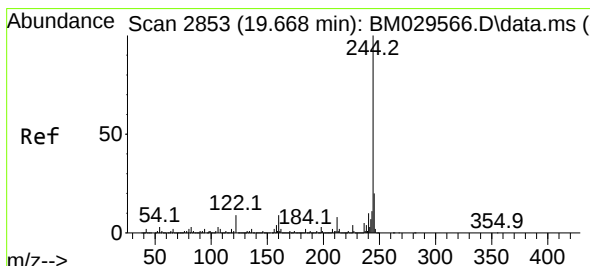
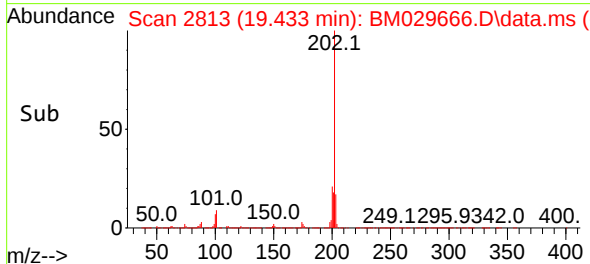
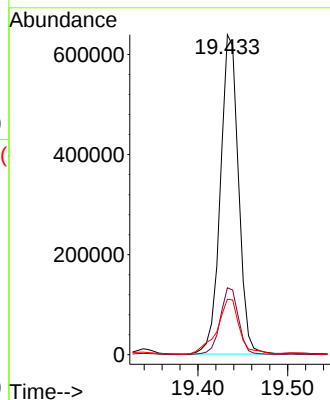
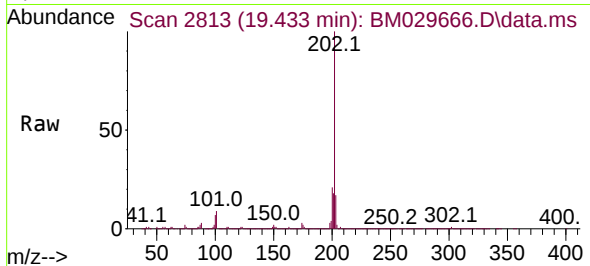
#78
Pyrene
Concen: 21.05 ng
RT: 19.433 min Scan# 2813
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:	202	Resp:	893652
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.3	25.9
203	17.3	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

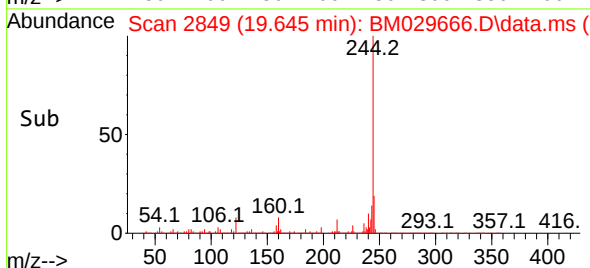
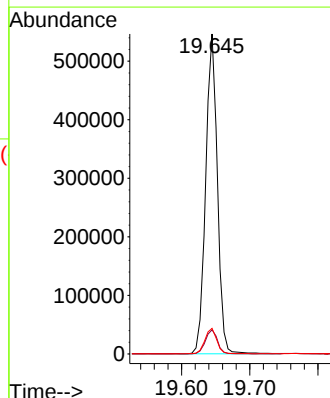
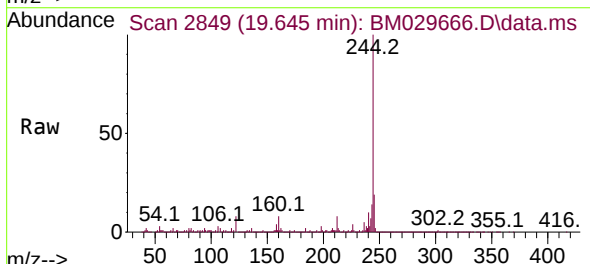
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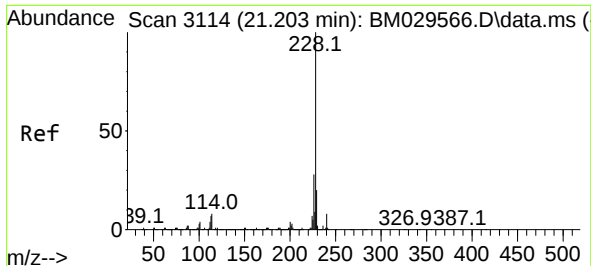
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#79
Terphenyl-d14
Concen: 18.74 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:	244	Resp:	652277
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.3	9.5
122	8.0	6.9	10.3





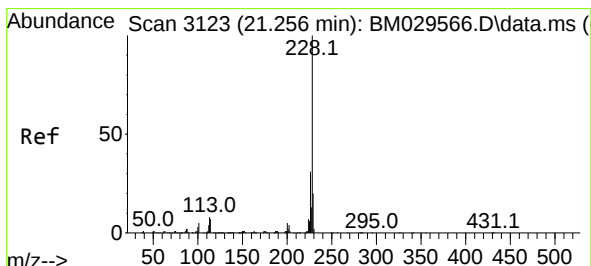
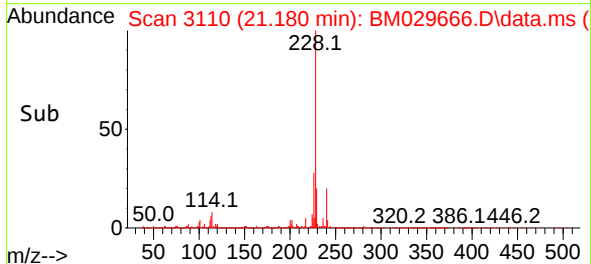
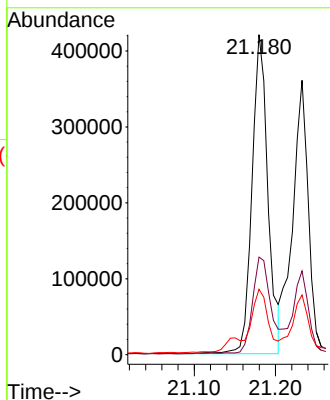
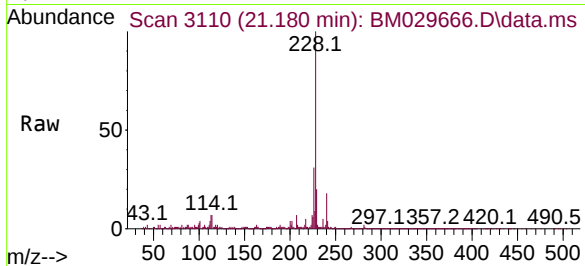
#81
Benzo(a)anthracene
Concen: 13.11 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

Tgt Ion:228 Resp: 572440
Ion Ratio Lower Upper
228 100
226 30.5 22.3 33.5
229 20.5 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2

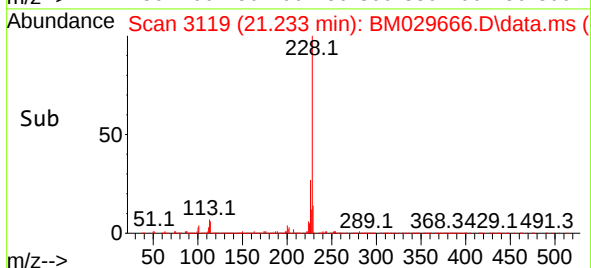
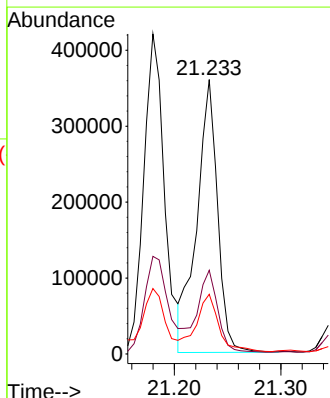
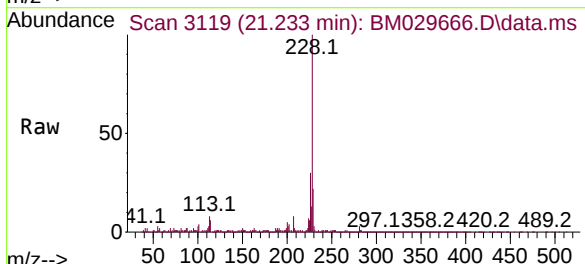
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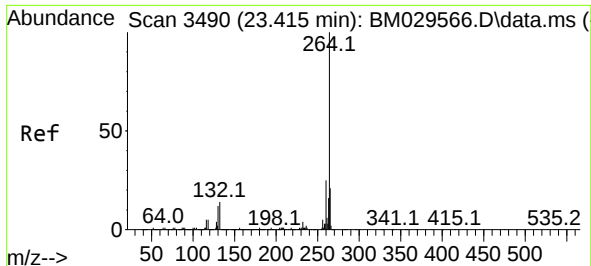
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#83
Chrysene
Concen: 11.36 ng
RT: 21.233 min Scan# 3119
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

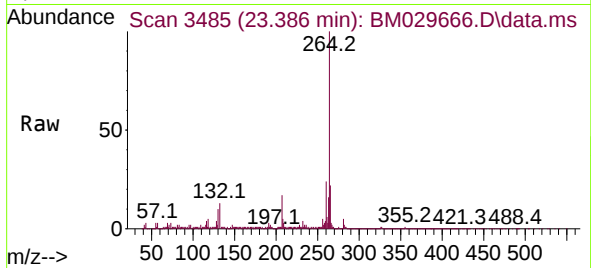
Tgt Ion:228 Resp: 487384
Ion Ratio Lower Upper
228 100
226 30.5 24.6 36.8
229 21.8 15.5 23.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

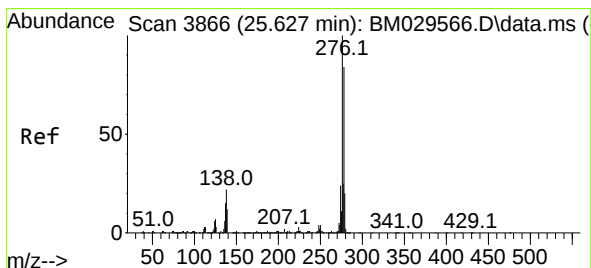
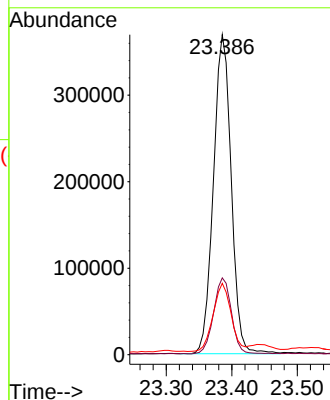
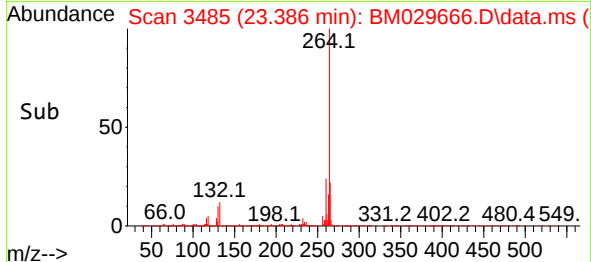
Instrument :
BNA_M
ClientSampleId :
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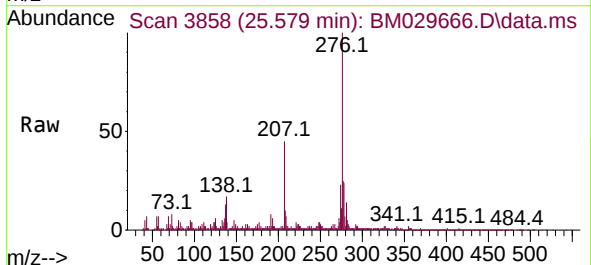
Tgt Ion: 264 Resp: 693288
Ion Ratio Lower Upper
264 100
260 24.0 19.8 29.8
265 22.3 17.7 26.5

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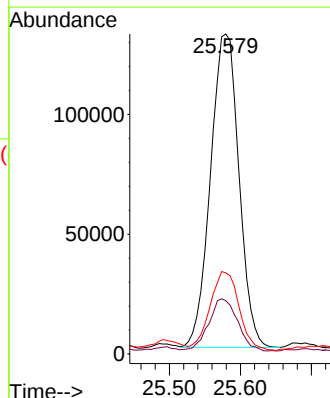
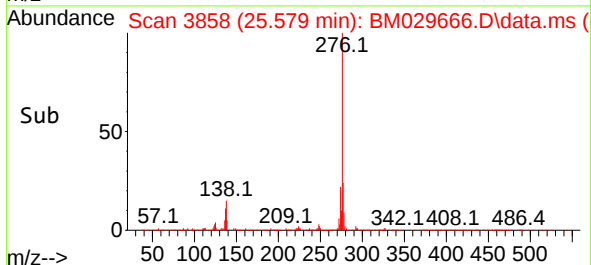
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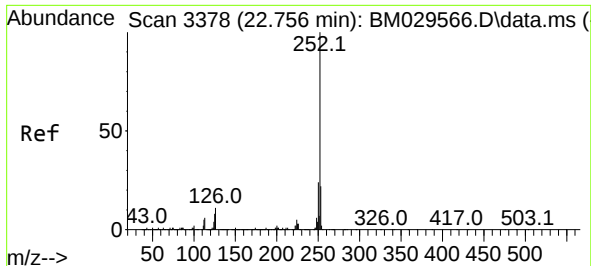


#87
Indeno(1,2,3-cd)pyrene
Concen: 6.80 ng
RT: 25.579 min Scan# 3858
Delta R.T. -0.000 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03



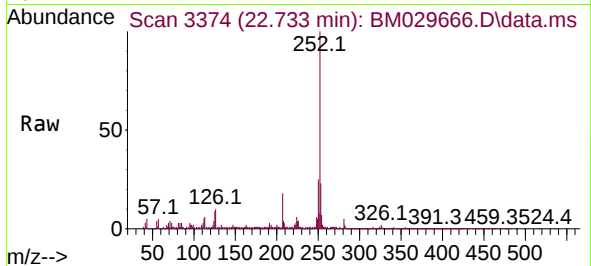
Tgt Ion: 276 Resp: 364344
Ion Ratio Lower Upper
276 100
138 16.9 17.1 25.7#
277 25.8 20.3 30.5





#88
Benzo(b)fluoranthene
Concen: 17.03 ng m
RT: 22.733 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

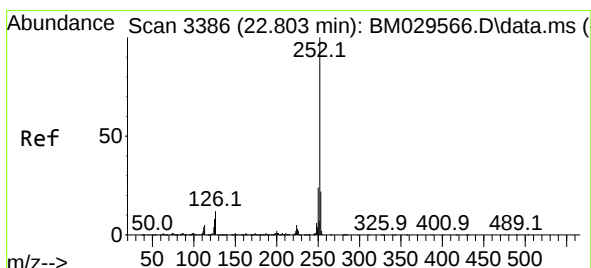
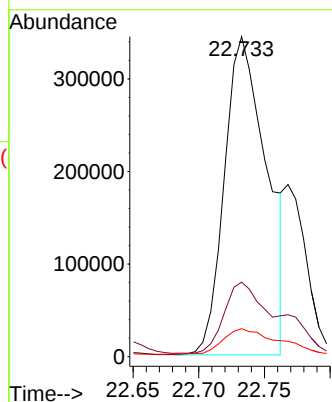
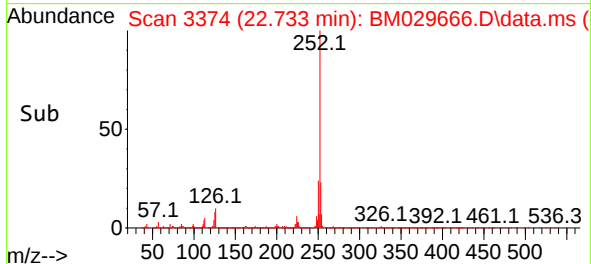
Instrument :
BNA_M
ClientSampleId :
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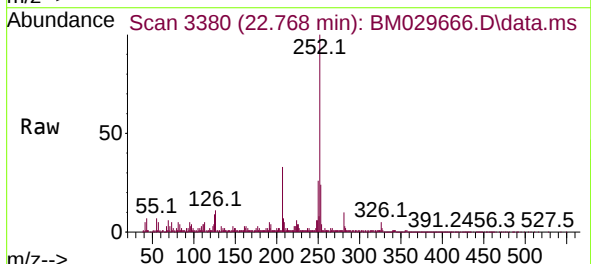
Tgt Ion:252 Resp: 769881
Ion Ratio Lower Upper
252 100
253 23.3 17.4 26.0
125 8.7 6.8 10.2

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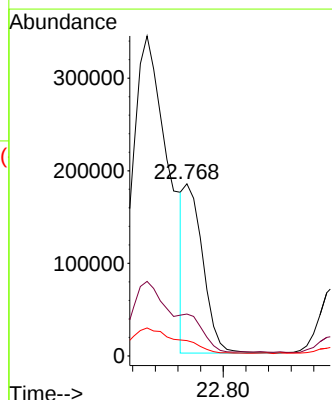
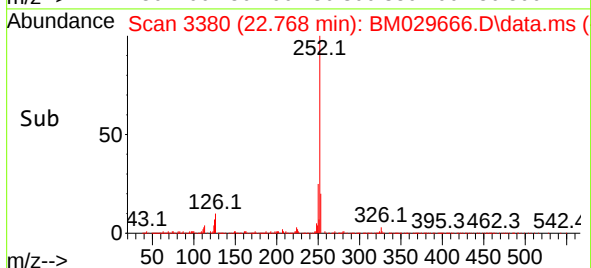
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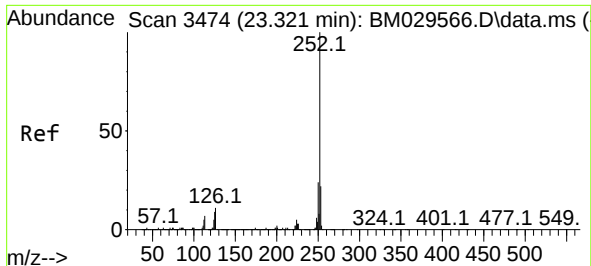


#89
Benzo(k)fluoranthene
Concen: 4.63 ng m
RT: 22.768 min Scan# 3380
Delta R.T. -0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03



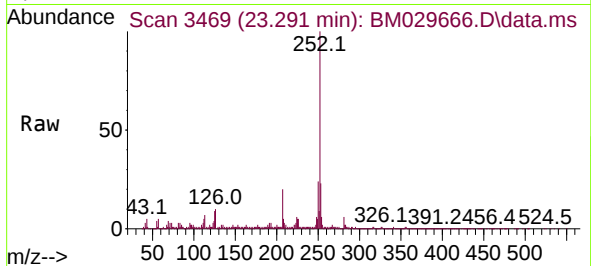
Tgt Ion:252 Resp: 209703
Ion Ratio Lower Upper
252 100
253 24.4 17.4 26.2
125 8.9 6.2 9.2





#90
Benzo(a)pyrene
Concen: 12.70 ng
RT: 23.291 min Scan# 3469
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03

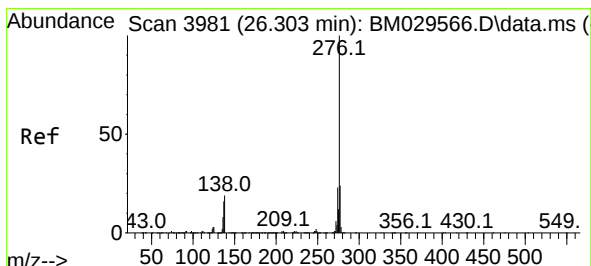
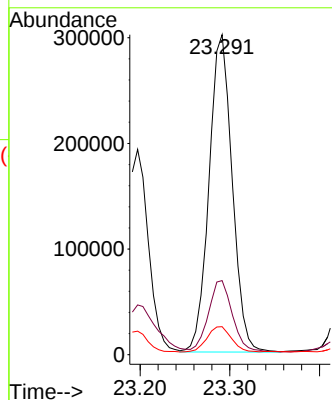
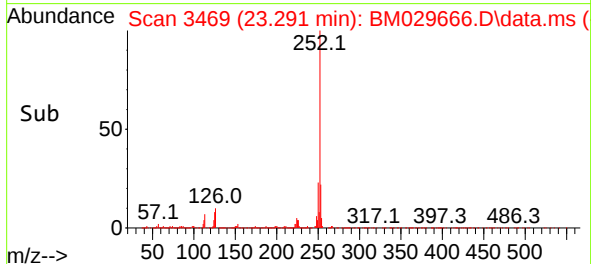
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-2



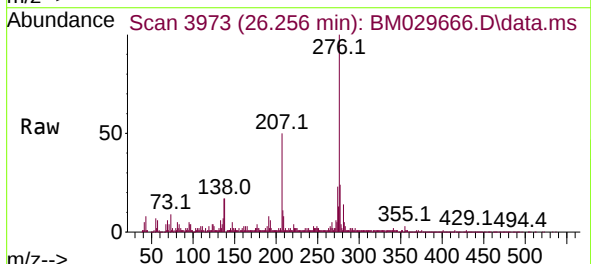
Tgt Ion:252 Resp: 539115
Ion Ratio Lower Upper
252 100
253 23.2 17.7 26.5
125 8.8 7.3 10.9

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#92
Benzo(g,h,i)perylene
Concen: 8.47 ng
RT: 26.256 min Scan# 3973
Delta R.T. 0.006 min
Lab File: BM029666.D
Acq: 27 Apr 2021 01:03



Tgt Ion:276 Resp: 361960
Ion Ratio Lower Upper
276 100
277 23.8 19.4 29.2
138 16.6 14.4 21.6

