

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
 Data File : BM029667.D
 Acq On : 27 Apr 2021 01:40
 Operator : CG/JU
 Sample : M2176-14 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 STOCKPILE-COMP-3

Manual Integrations
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Quant Time: Apr 27 02:37:38 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	86090	20.00	ng	0.00
21) Naphthalene-d8	10.398	136	317813	20.00	ng	0.00
39) Acenaphthene-d10	14.269	164	212882	20.00	ng	0.00
64) Phenanthrene-d10	17.010	188	468435	20.00	ng	0.00
76) Chrysene-d12	21.198	240	518366	20.00	ng	0.00
86) Perylene-d12	23.386	264	547477	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	170344	39.67	ng	0.00
7) Phenol-d6	6.798	99	213455	33.28	ng	0.00
23) Nitrobenzene-d5	8.775	82	138135	22.39	ng	0.00
42) 2,4,6-Tribromophenol	15.763	330	100260	34.06	ng	0.00
45) 2-Fluorobiphenyl	12.880	172	371979	23.72	ng	0.00
79) Terphenyl-d14	19.645	244	553410	20.24	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.986	152	43080	2.26	ng	97
71) Phenanthrene	17.051	178	239912	8.89	ng	100
72) Anthracene	17.145	178	92193	3.46	ng	97
75) Fluoranthene	19.074	202	533230	16.30	ng	99
78) Pyrene	19.433	202	481685	14.44	ng	99
81) Benzo(a)anthracene	21.180	228	313347	9.14	ng	96
83) Chrysene	21.233	228	272205m	8.08	ng	
87) Indeno(1,2,3-cd)pyrene	25.580	276	186508	4.41	ng	# 95
88) Benzo(b)fluoranthene	22.733	252	402137m	11.26	ng	
89) Benzo(k)fluoranthene	22.774	252	121289m	3.39	ng	
90) Benzo(a)pyrene	23.291	252	279051	8.32	ng	# 94
92) Benzo(g,h,i)perylene	26.256	276	190675	5.65	ng	97

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

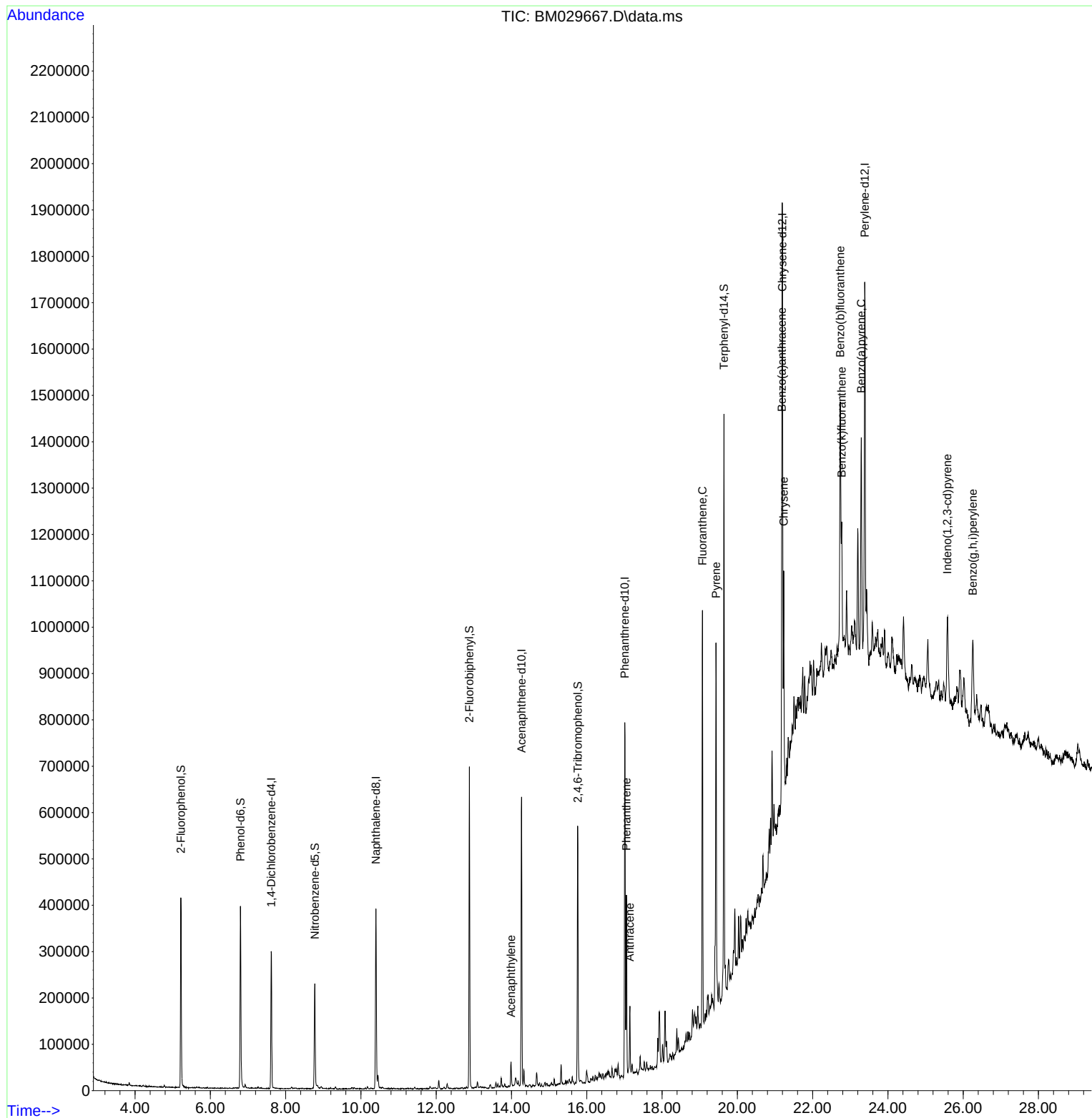
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042621\
Data File : BM029667.D
Acq On : 27 Apr 2021 01:40
Operator : CG/JU
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ALS Vial : 20 Sample Multiplier: 1

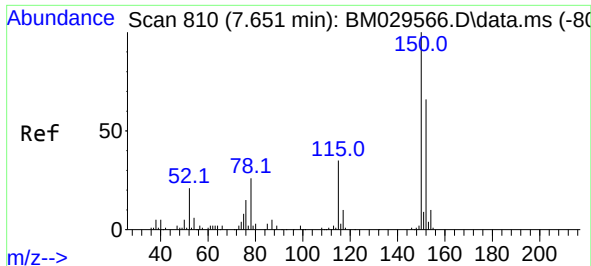
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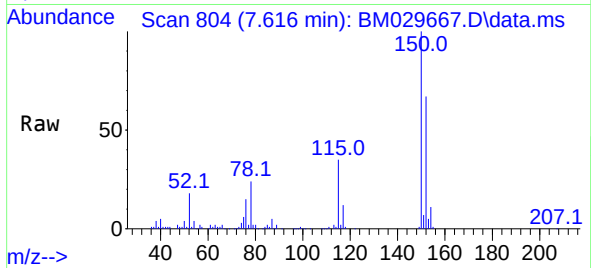
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 15:01:01 2021
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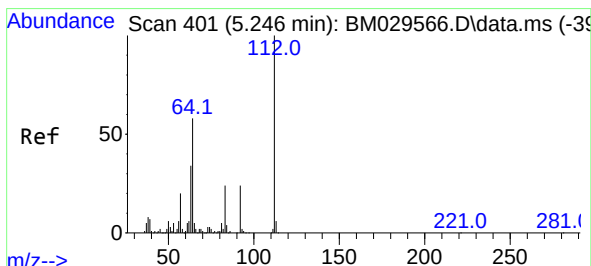
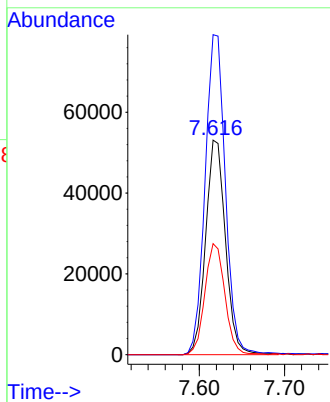
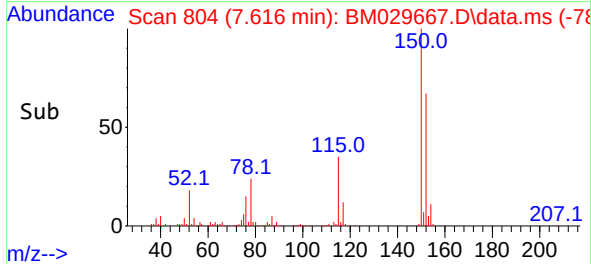




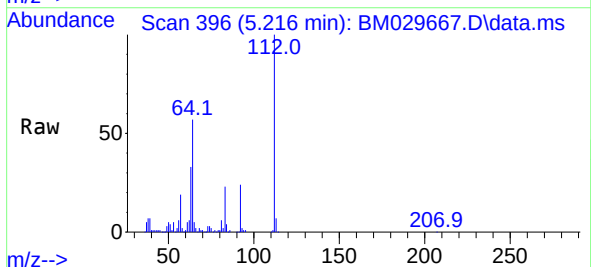
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



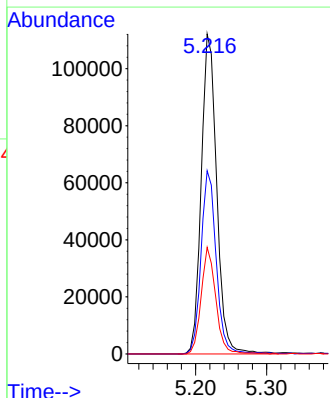
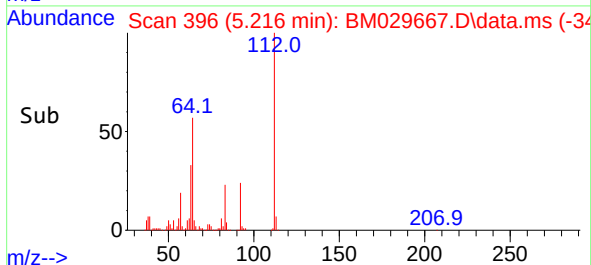
Tgt Ion:152 Resp: 86090
Ion Ratio Lower Upper
152 100
150 149.1 125.9 188.9
115 51.7 44.6 67.0



#5
2-Fluorophenol
Concen: 39.67 ng
RT: 5.216 min Scan# 396
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



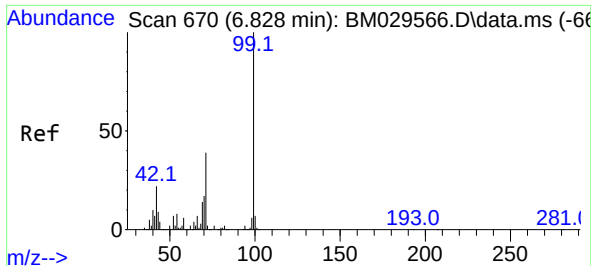
Tgt Ion:112 Resp: 170344
Ion Ratio Lower Upper
112 100
64 57.3 47.1 70.7
63 33.3 27.3 40.9



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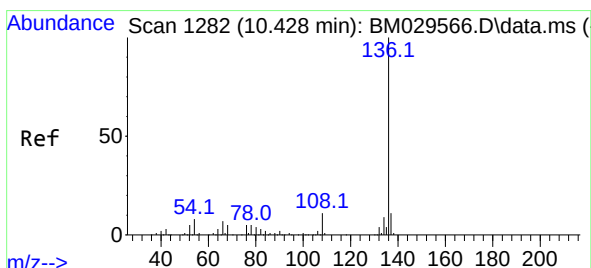
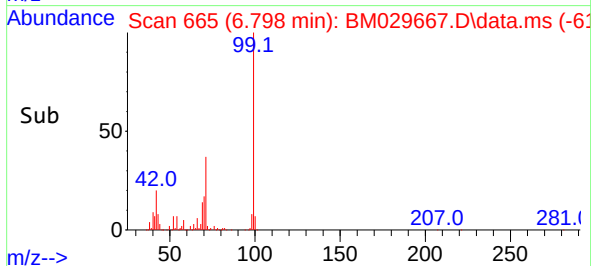
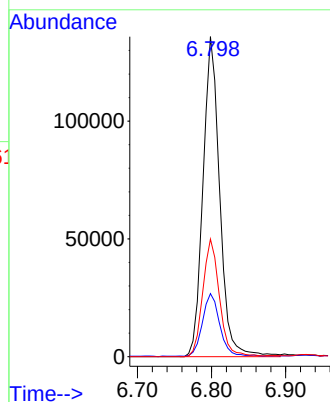
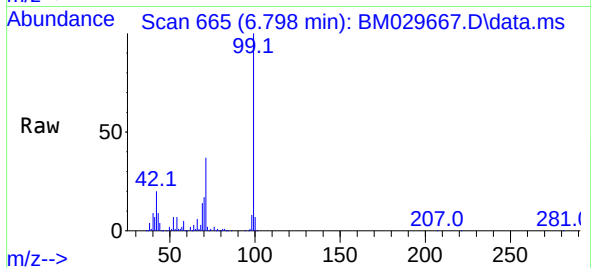
#7
Phenol-d6
Concen: 33.28 ng
RT: 6.798 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:	99	Resp:	213455
Ion	Ratio	Lower	Upper
99	100		
42	19.7	18.0	27.0
71	36.7	30.9	46.3

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3

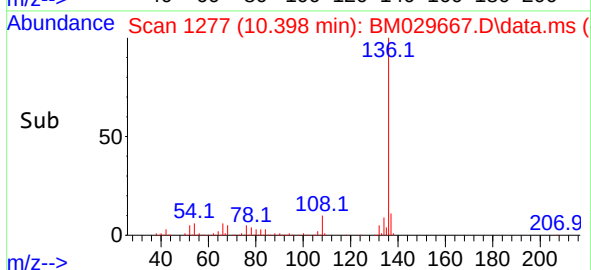
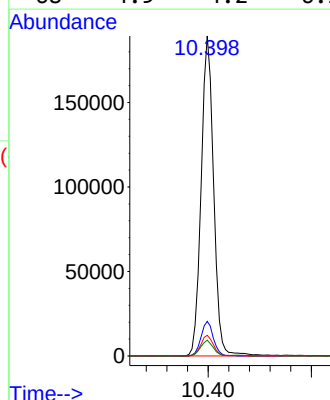
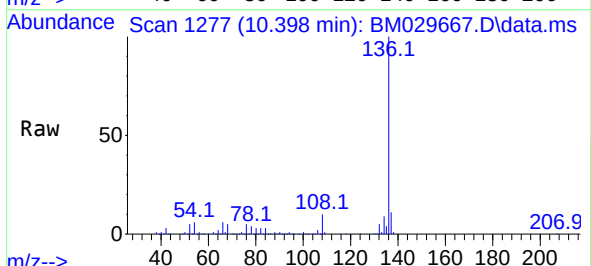
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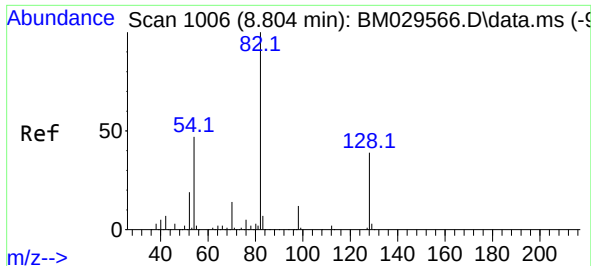
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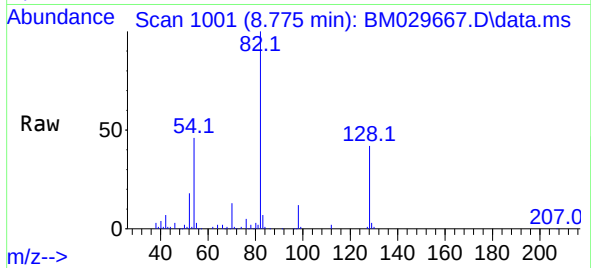
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.398 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:	136	Resp:	317813
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.5	5.5	8.3
68	4.9	4.2	6.2

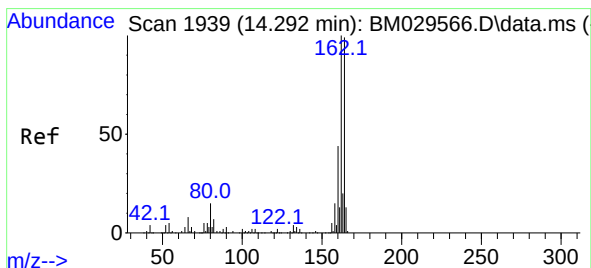
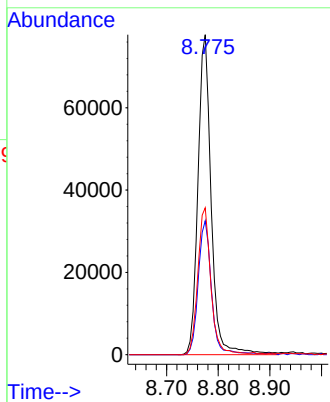
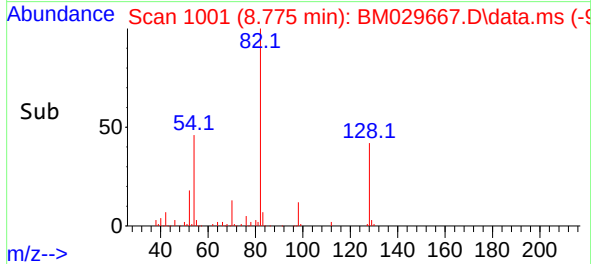




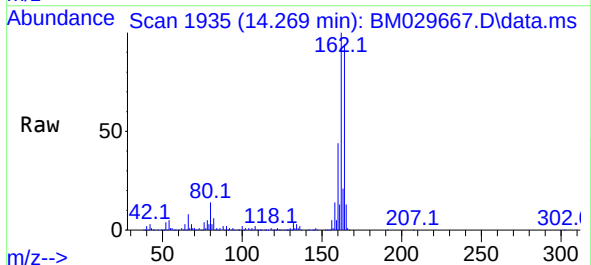
#23
Nitrobenzene-d5
Concen: 22.39 ng
RT: 8.775 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



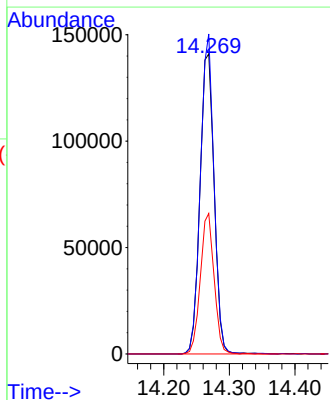
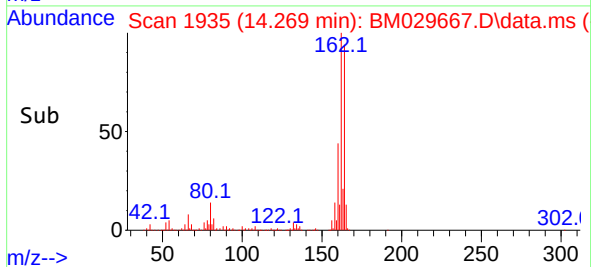
Tgt Ion: 82 Resp: 138135
Ion Ratio Lower Upper
82 100
128 41.8 31.1 46.7
54 45.9 37.3 55.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.269 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



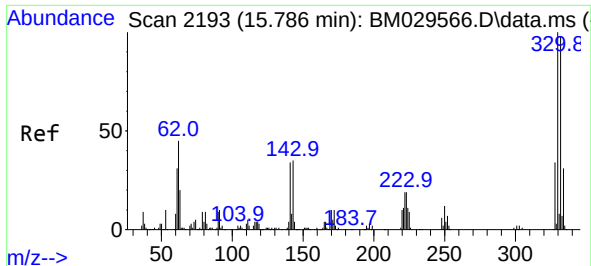
Tgt Ion: 164 Resp: 212882
Ion Ratio Lower Upper
164 100
162 106.6 83.4 125.0
160 46.8 37.2 55.8



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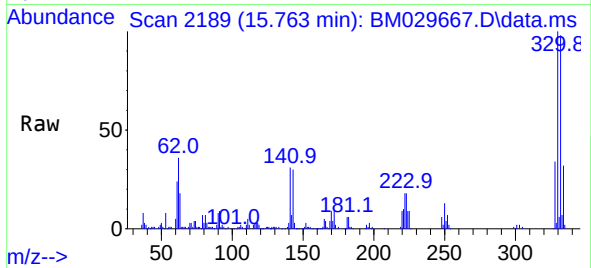
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#42
2,4,6-Tribromophenol
Concen: 34.06 ng
RT: 15.763 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

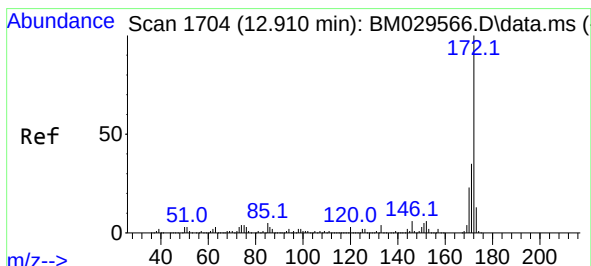
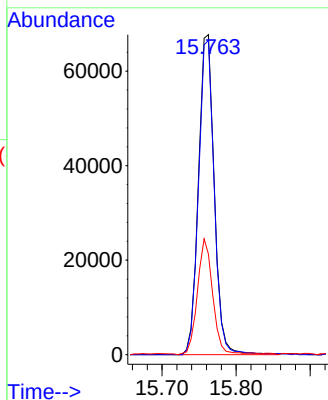
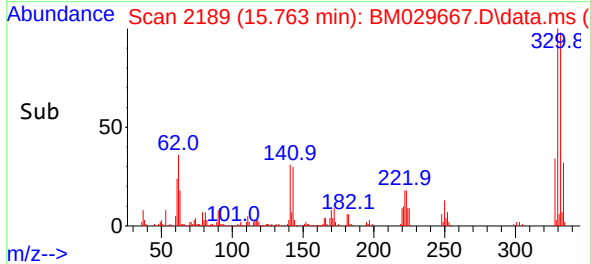
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BNA_M
ClientSampleId :
STOCKPILE-COMP-3



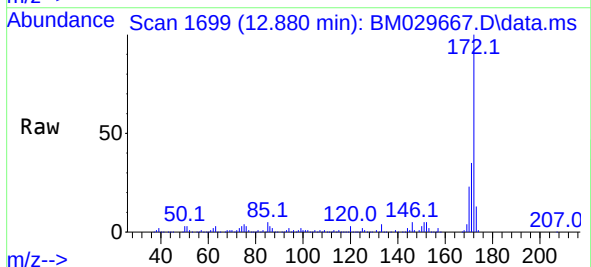
Tgt Ion:330 Resp: 100260
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.4
141 35.4 30.2 45.2

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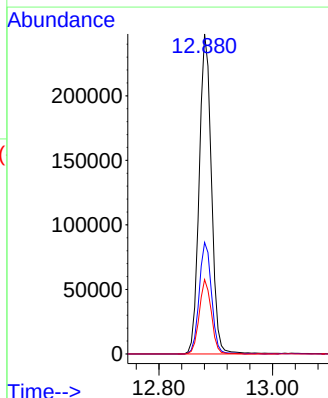
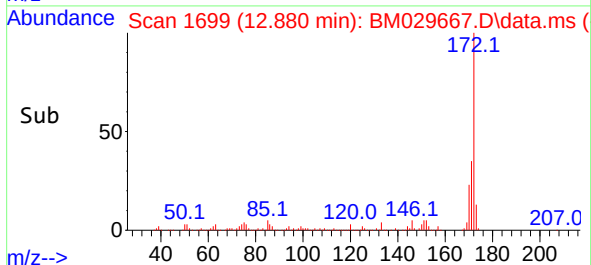
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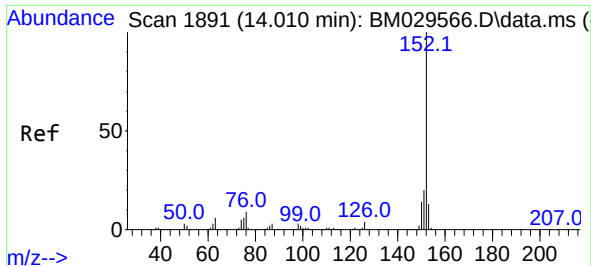


#45
2-Fluorobiphenyl
Concen: 23.72 ng
RT: 12.880 min Scan# 1699
Delta R.T. -0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



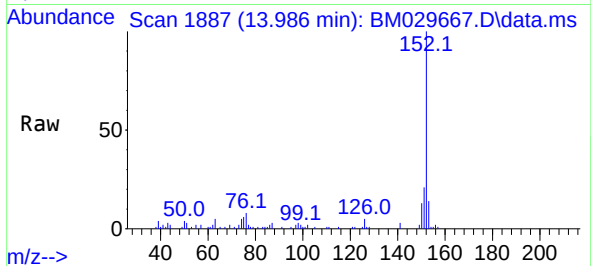
Tgt Ion:172 Resp: 371979
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.2 18.4 27.6





#49
Acenaphthylene
Concen: 2.26 ng
RT: 13.986 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

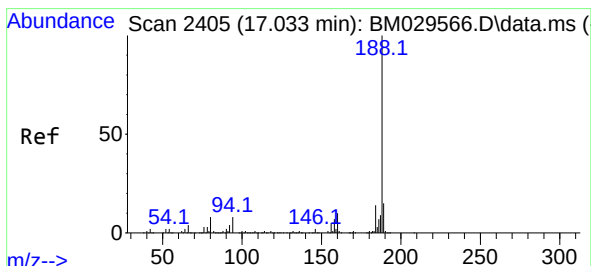
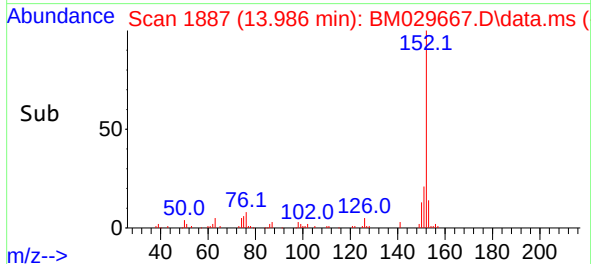
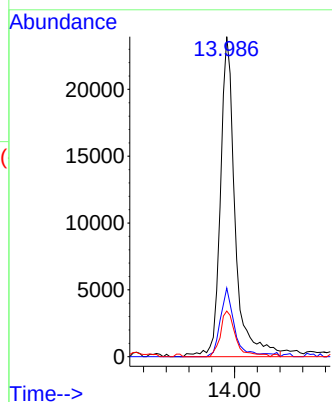
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 43080
Ion Ratio Lower Upper
152 100
151 21.4 16.3 24.5
153 14.3 10.2 15.4

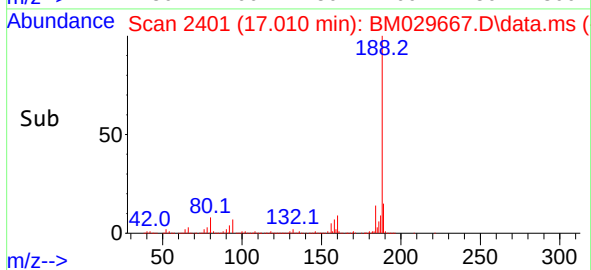
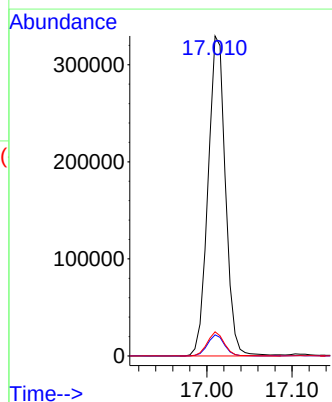
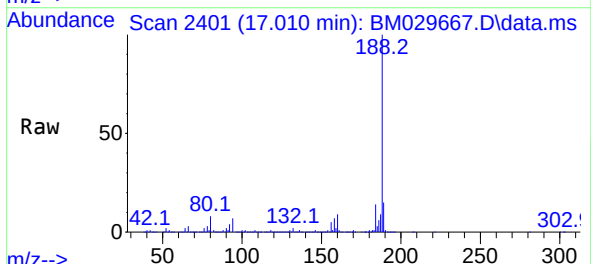
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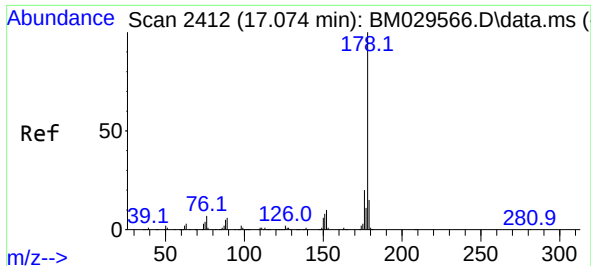
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.010 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:188 Resp: 468435
Ion Ratio Lower Upper
188 100
94 6.6 6.0 9.0
80 7.5 6.6 9.8





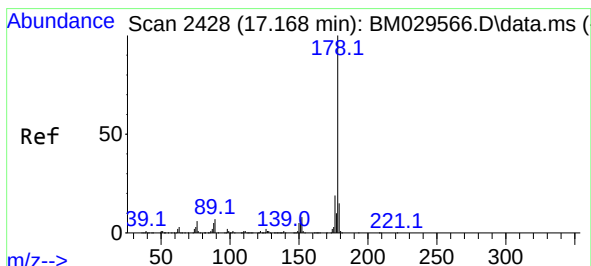
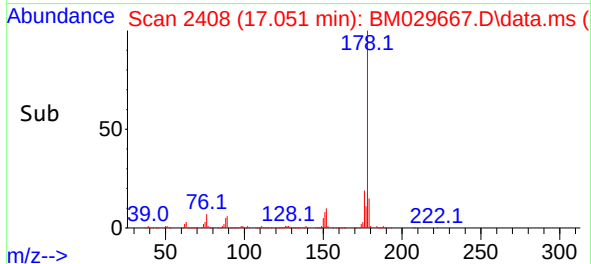
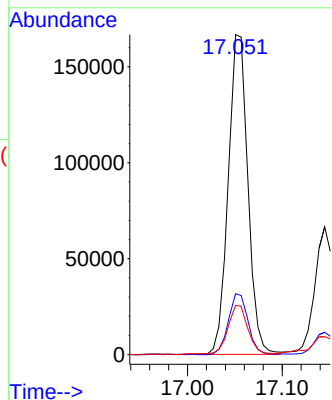
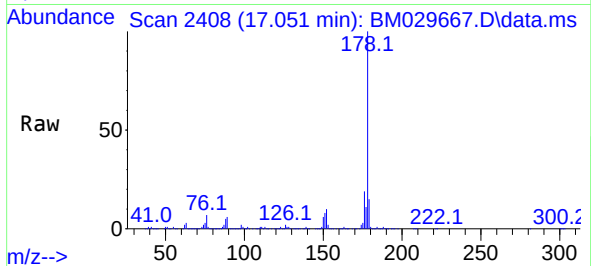
#71
Phenanthrene
Concen: 8.89 ng
RT: 17.051 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:178 Resp: 239912
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.4 12.2 18.4

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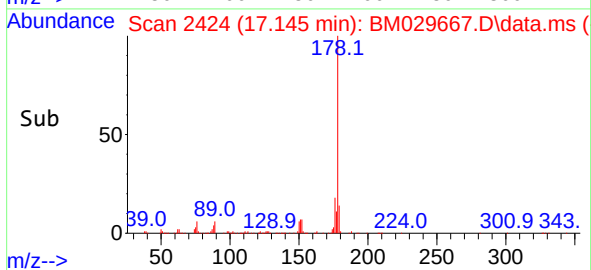
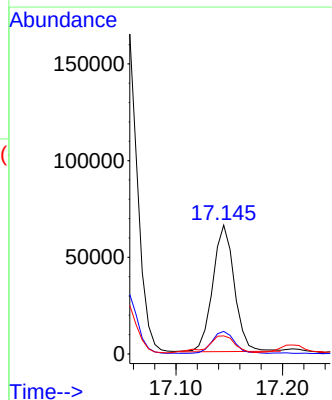
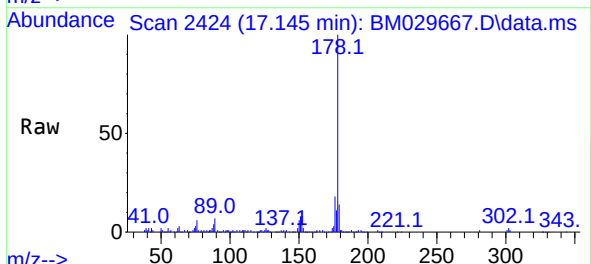
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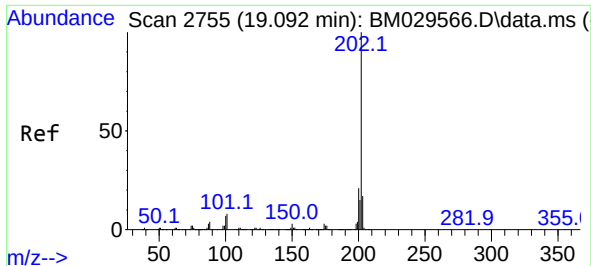
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#72
Anthracene
Concen: 3.46 ng
RT: 17.145 min Scan# 2424
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

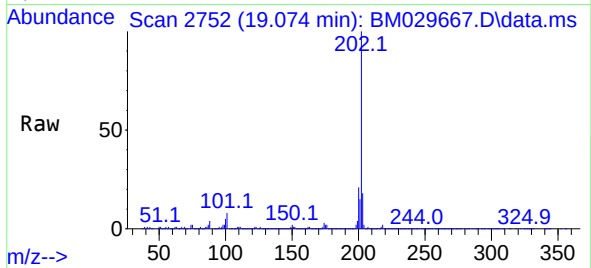
Tgt Ion:178 Resp: 92193
Ion Ratio Lower Upper
178 100
176 17.6 15.0 22.4
179 14.0 12.5 18.7





#75
Fluoranthene
Concen: 16.30 ng
RT: 19.074 min Scan# 2752
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

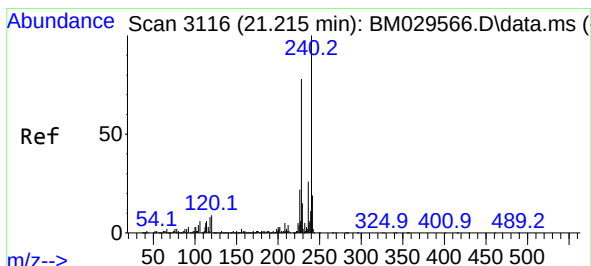
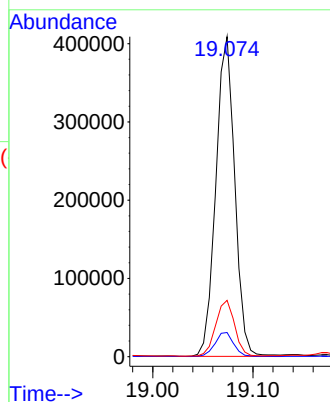
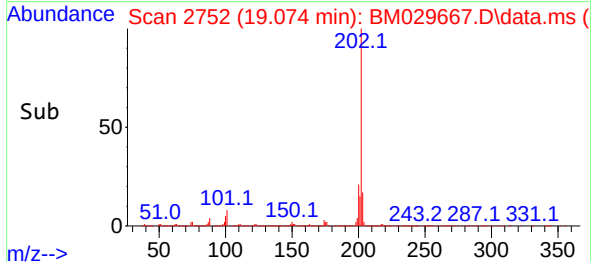
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3



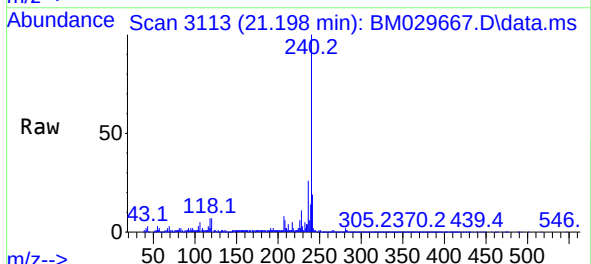
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Ion Ratio Lower Upper
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101 7.6 0.0 28.6
203 17.6 0.0 37.3

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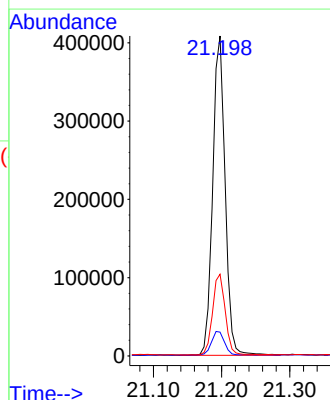
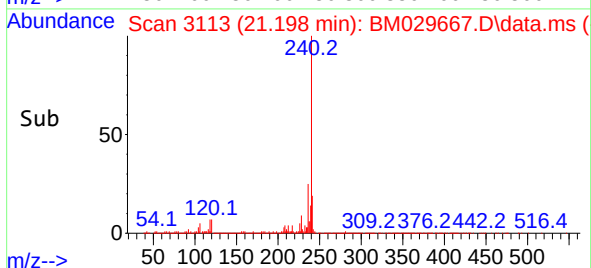
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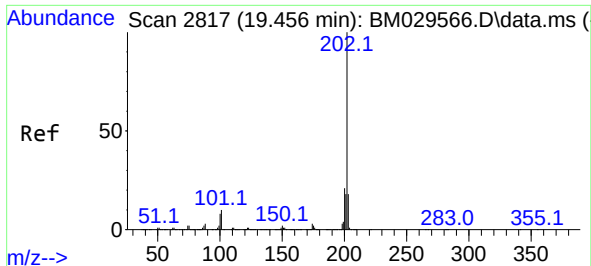


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



Tgt Ion:240 Resp: 518366
Ion Ratio Lower Upper
240 100
120 7.4 7.0 10.6
236 25.5 21.0 31.4





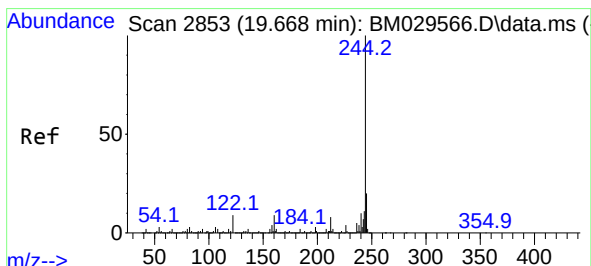
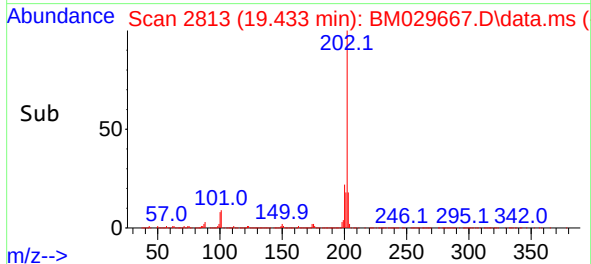
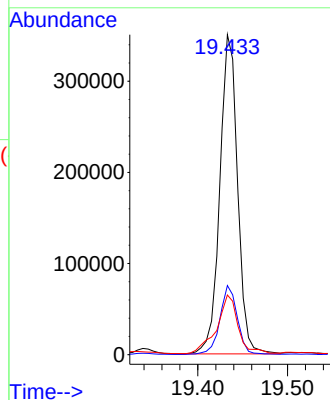
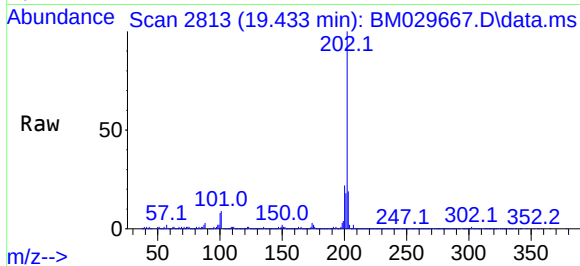
#78
Pyrene
Concen: 14.44 ng
RT: 19.433 min Scan# 2813
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:	202	Resp:	481685
Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.3	25.9
203	18.6	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
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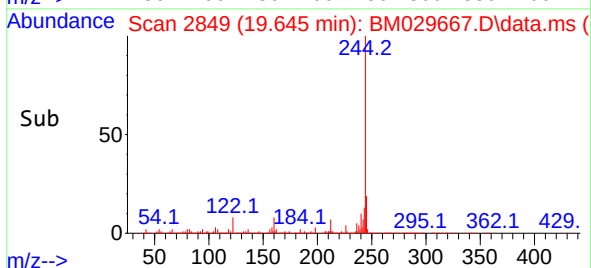
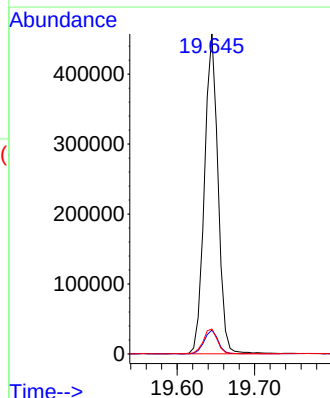
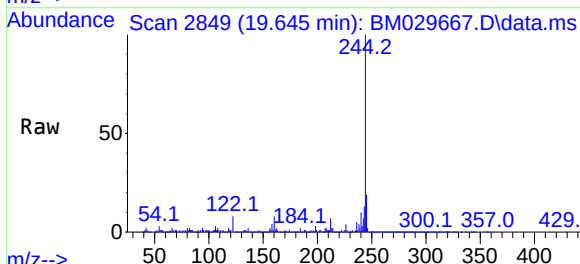
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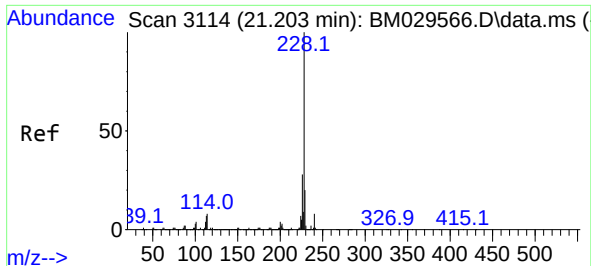
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#79
Terphenyl-d14
Concen: 20.24 ng
RT: 19.645 min Scan# 2849
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:	244	Resp:	553410
Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.3	9.5
122	7.8	6.9	10.3





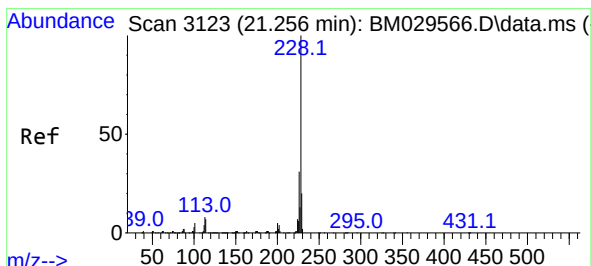
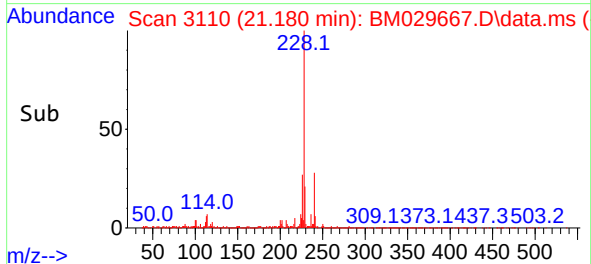
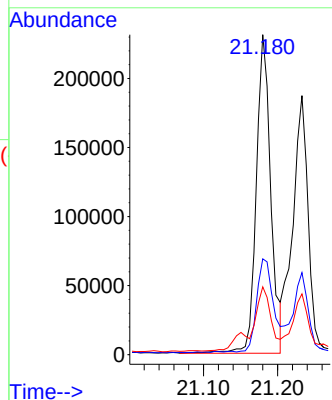
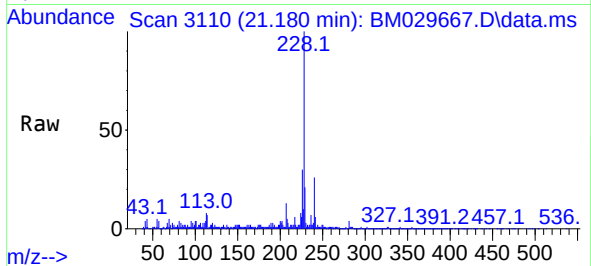
#81
Benzo(a)anthracene
Concen: 9.14 ng
RT: 21.180 min Scan# 3110
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:228 Resp: 313347
Ion Ratio Lower Upper
228 100
226 30.0 22.3 33.5
229 21.2 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3

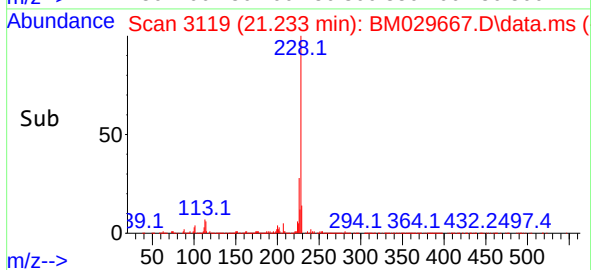
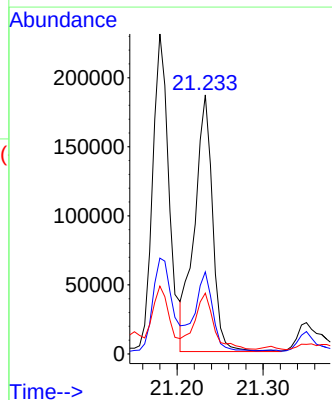
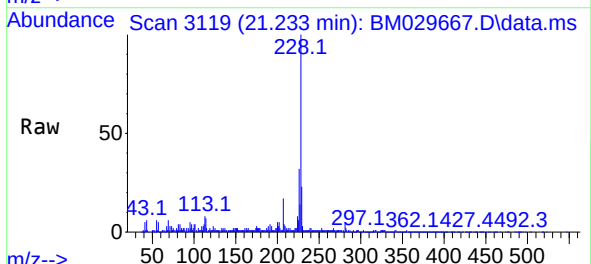
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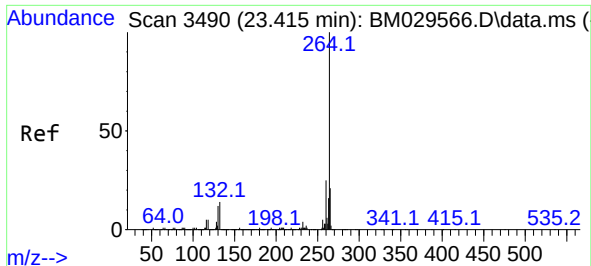
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#83
Chrysene
Concen: 8.08 ng m
RT: 21.233 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

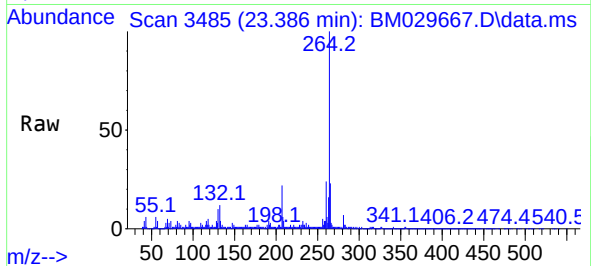
Tgt Ion:228 Resp: 272205
Ion Ratio Lower Upper
228 100
226 31.7 24.6 36.8
229 23.5 15.5 23.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.386 min Scan# 3485
Delta R.T. 0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

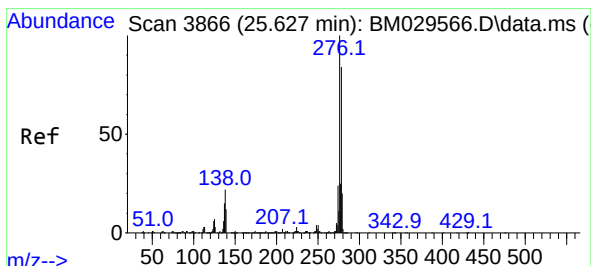
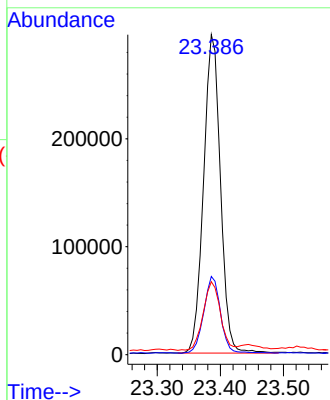
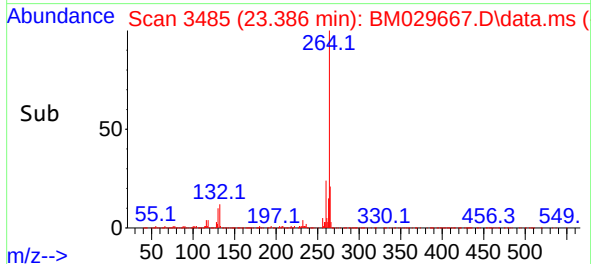
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3



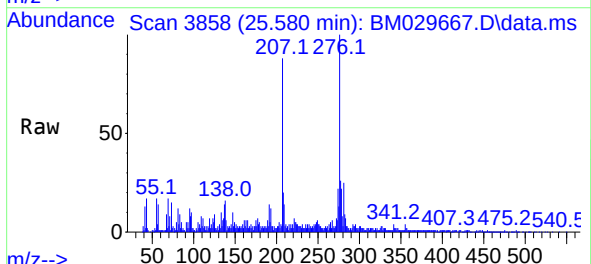
Tgt Ion:264 Resp: 547477
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.8 17.7 26.5

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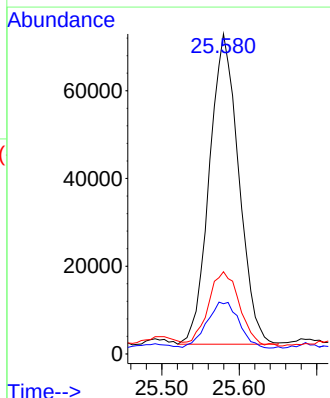
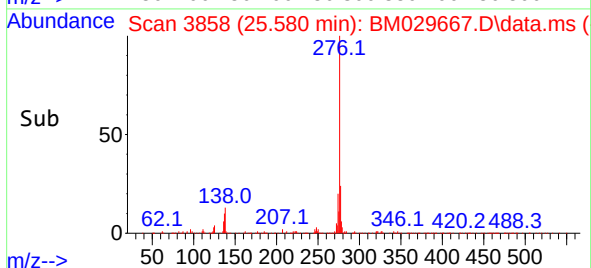
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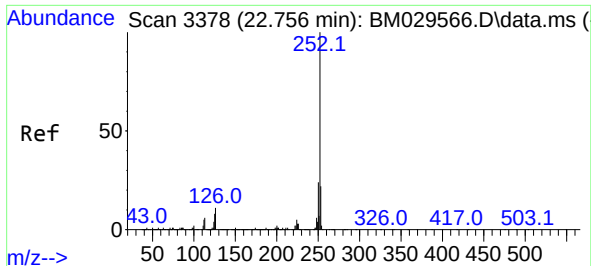


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.41 ng
RT: 25.580 min Scan# 3858
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



Tgt Ion:276 Resp: 186508
Ion Ratio Lower Upper
276 100
138 16.3 17.1 25.7#
277 25.6 20.3 30.5





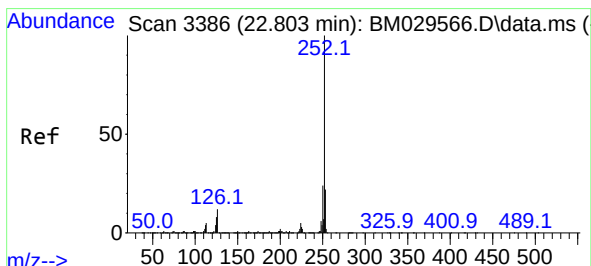
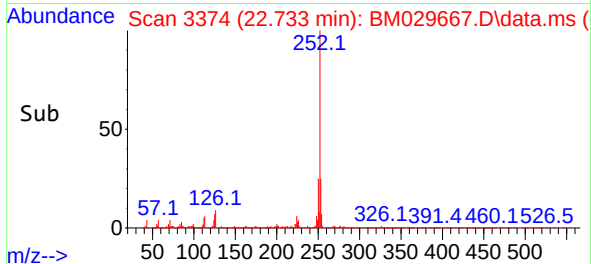
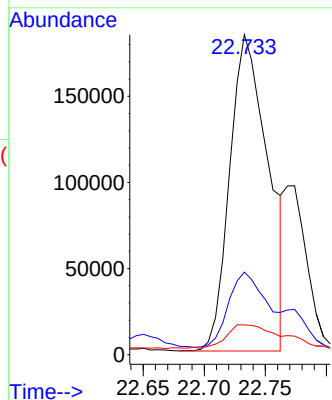
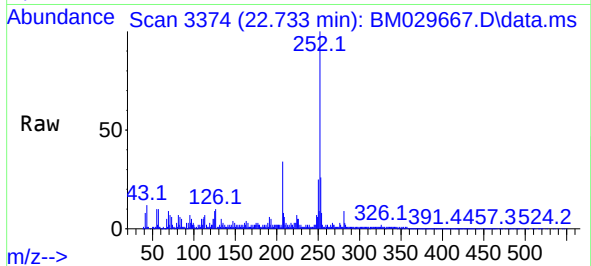
#88
Benzo(b)fluoranthene
Concen: 11.26 ng m
RT: 22.733 min Scan# 3374
Delta R.T. 0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

Tgt Ion:252 Resp: 402137
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.0
125 9.3 6.8 10.2

Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3

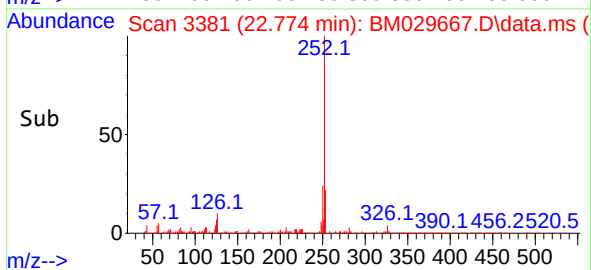
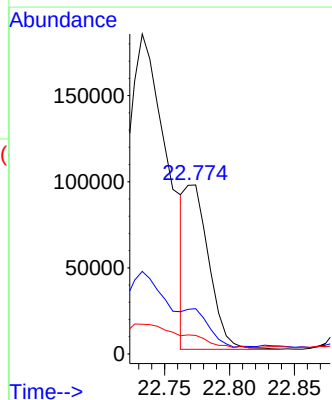
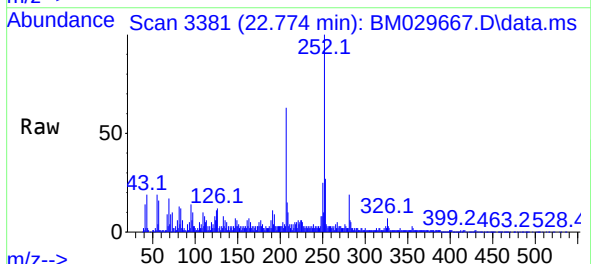
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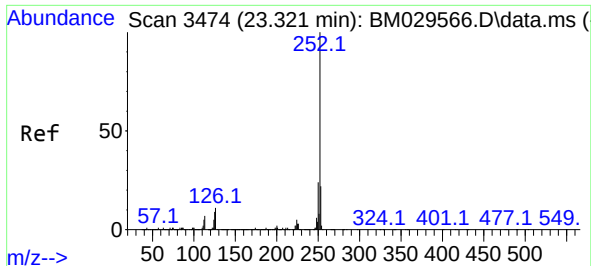
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#89
Benzo(k)fluoranthene
Concen: 3.39 ng m
RT: 22.774 min Scan# 3381
Delta R.T. 0.000 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

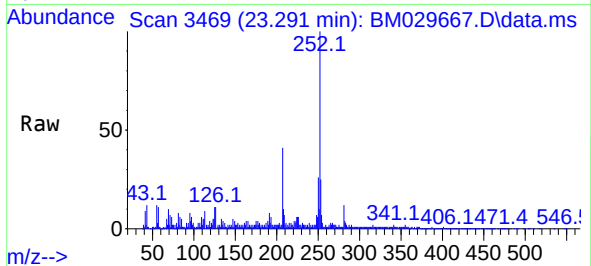
Tgt Ion:252 Resp: 121289
Ion Ratio Lower Upper
252 100
253 26.8 17.4 26.2#
125 11.0 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 8.32 ng
RT: 23.291 min Scan# 3469
Delta R.T. 0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40

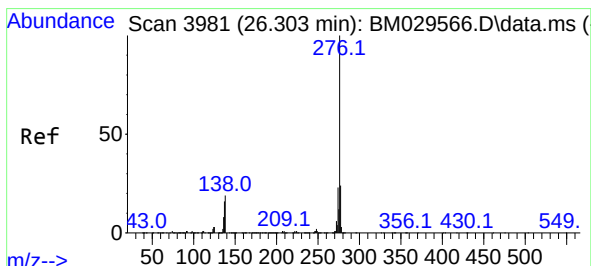
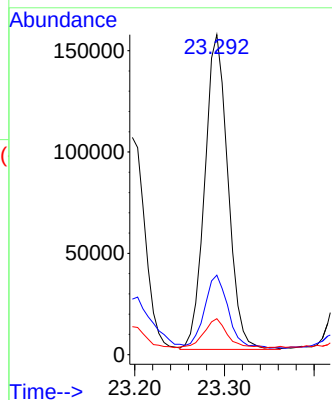
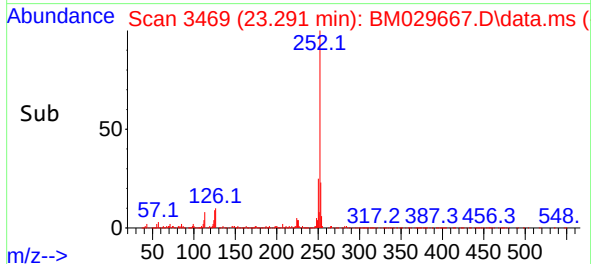
Instrument :
BNA_M
ClientSampleId :
STOCKPILE-COMP-3



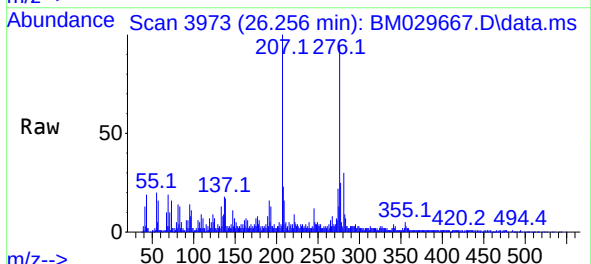
Tgt Ion:252 Resp: 279051
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 11.2 7.3 10.9#

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#92
Benzo(g,h,i)perylene
Concen: 5.65 ng
RT: 26.256 min Scan# 3973
Delta R.T. 0.006 min
Lab File: BM029667.D
Acq: 27 Apr 2021 01:40



Tgt Ion:276 Resp: 190675
Ion Ratio Lower Upper
276 100
277 26.7 19.4 29.2
138 17.9 14.4 21.6

