

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042721\
 Data File : BM029675.D
 Acq On : 27 Apr 2021 16:02
 Operator : CG/JU
 Sample : M2183-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-16A-15-COMP

Quant Time: Apr 27 16:33:38 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)

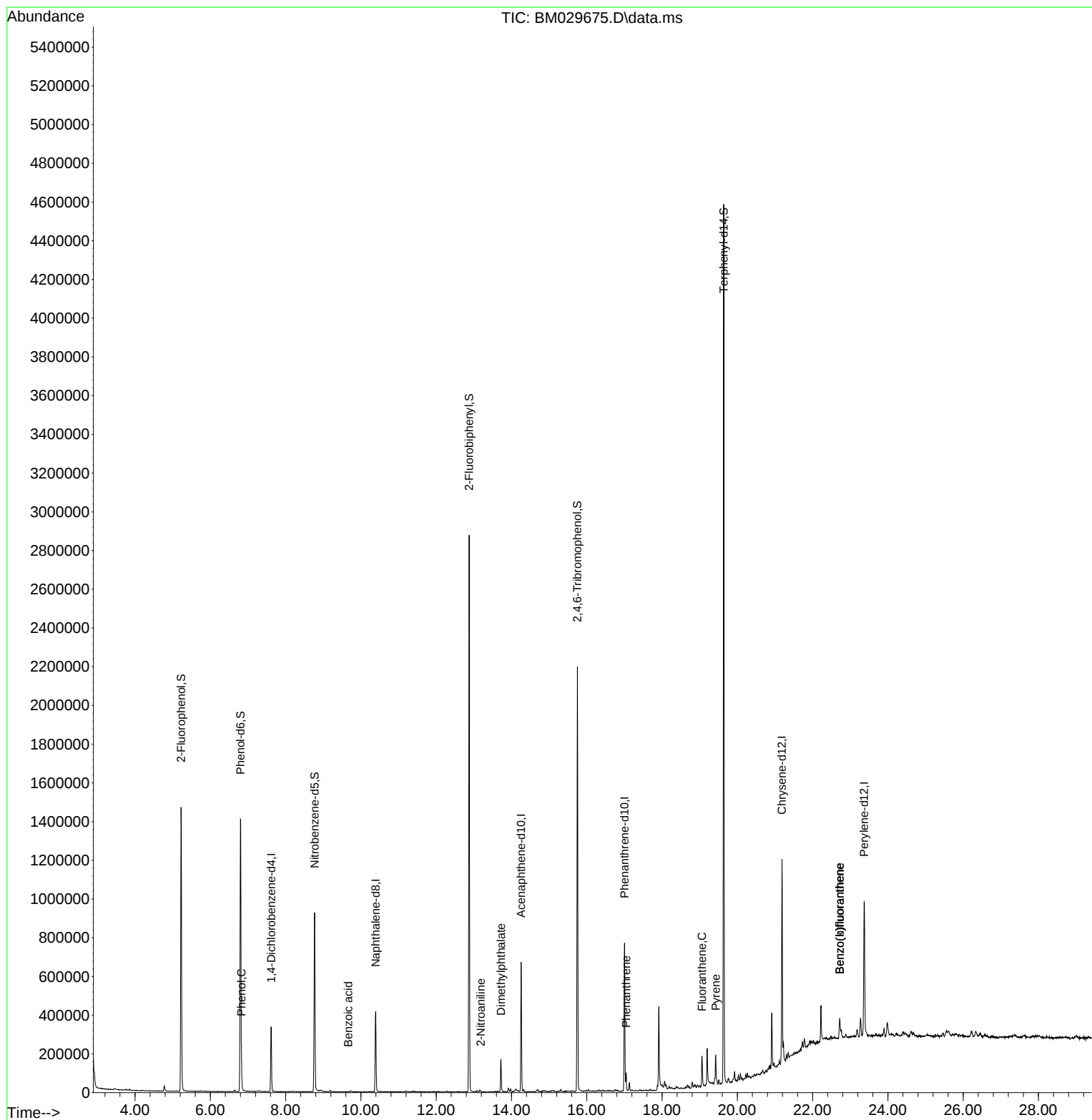
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	99188	20.00	ng	0.00
21) Naphthalene-d8	10.392	136	345780	20.00	ng	0.00
39) Acenaphthene-d10	14.257	164	223197	20.00	ng	-0.01
64) Phenanthrene-d10	17.004	188	468048	20.00	ng	0.00
76) Chrysene-d12	21.186	240	479413	20.00	ng	-0.01
86) Perylene-d12	23.368	264	502999	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	650950	131.57	ng	0.00
7) Phenol-d6	6.798	99	809122	109.49	ng	0.00
23) Nitrobenzene-d5	8.769	82	531731	79.20	ng	0.00
42) 2,4,6-Tribromophenol	15.751	330	404005	130.89	ng	-0.01
45) 2-Fluorobiphenyl	12.875	172	1438206	87.46	ng	-0.01
79) Terphenyl-d14	19.639	244	1989670	78.68	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.828	94	54157	7.56	ng	98
32) Benzoic acid	9.663	122	53	7.23	ng	# 88
48) 2-Nitroaniline	13.180	65	72	2.88	ng	# 4
50) Dimethylphthalate	13.722	163	112896	6.69	ng	97
71) Phenanthrene	17.045	178	54430	2.02	ng	100
75) Fluoranthene	19.062	202	92998	2.85	ng	100
78) Pyrene	19.427	202	96453	3.13	ng	97
88) Benzo(b)fluoranthene	22.721	252	80715	2.46	ng	# 94
89) Benzo(k)fluoranthene	22.721	252	80715	2.46	ng	# 93

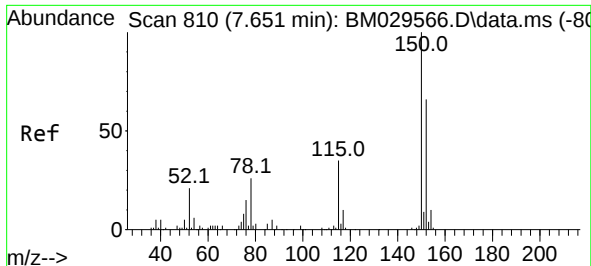
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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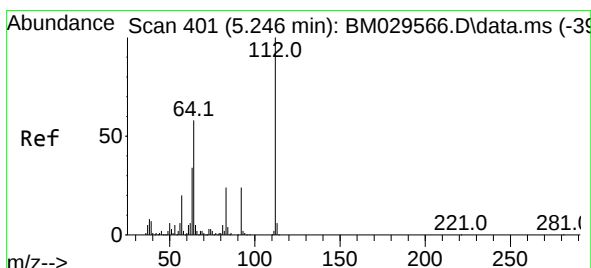
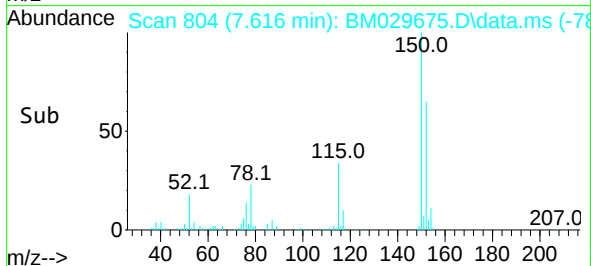
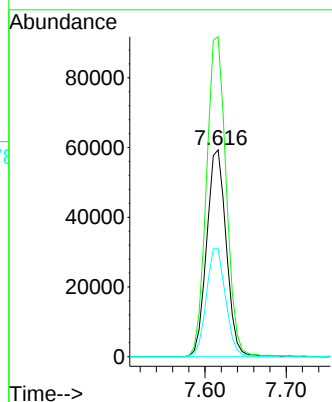
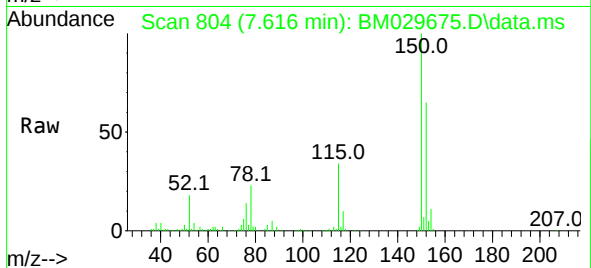




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.616 min Scan# 804
Delta R.T. -0.006 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

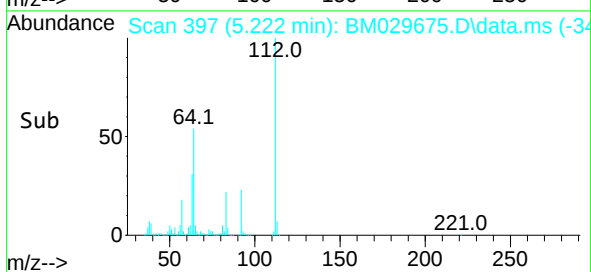
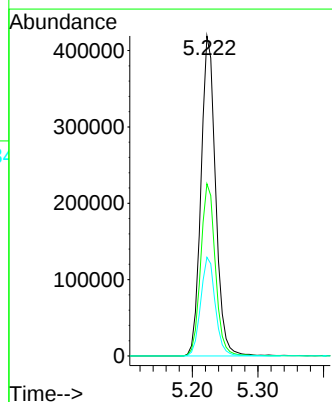
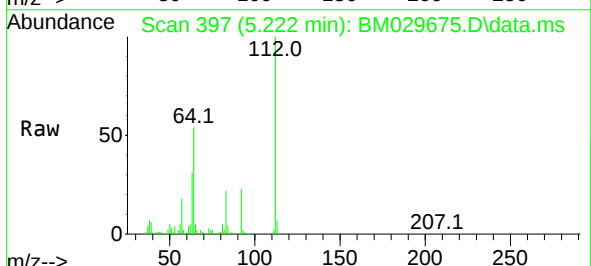
Instrument :
BNA_M
ClientSampleId :
TP-16A-15-COMP

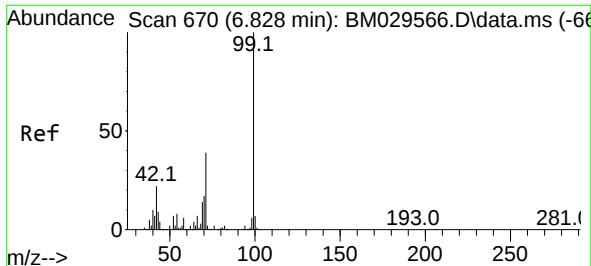
Tgt Ion:152 Resp: 99188
Ion Ratio Lower Upper
152 100
150 154.7 125.9 188.9
115 52.2 44.6 67.0



#5
2-Fluorophenol
Concen: 131.57 ng
RT: 5.222 min Scan# 397
Delta R.T. 0.006 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:112 Resp: 650950
Ion Ratio Lower Upper
112 100
64 53.8 47.1 70.7
63 30.8 27.3 40.9

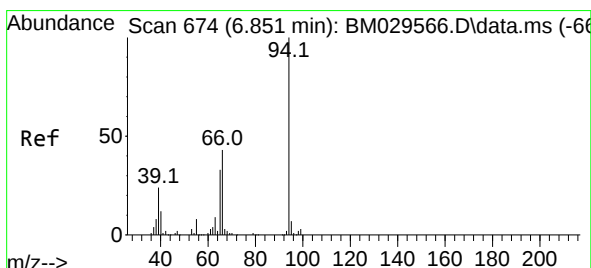
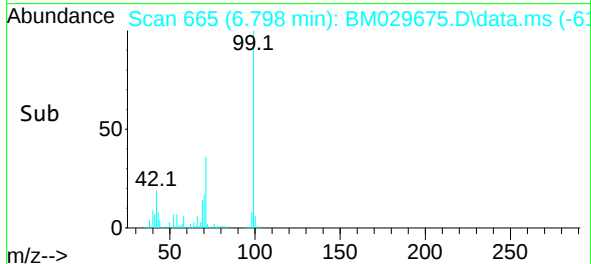
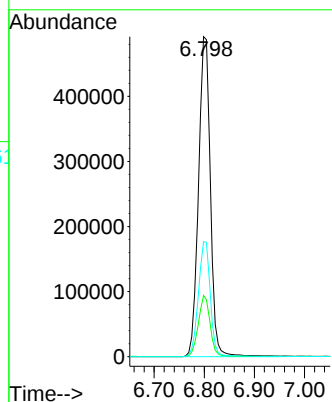
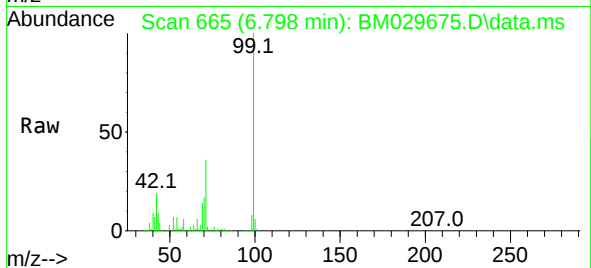




#7
Phenol-d6
Concen: 109.49 ng
RT: 6.798 min Scan# 665
Delta R.T. 0.000 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

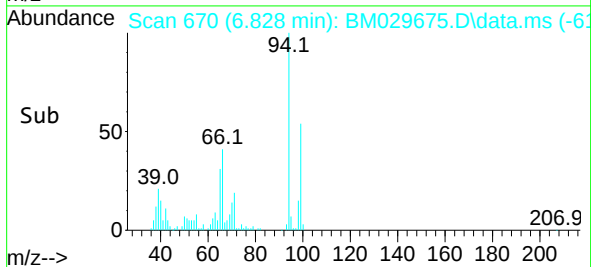
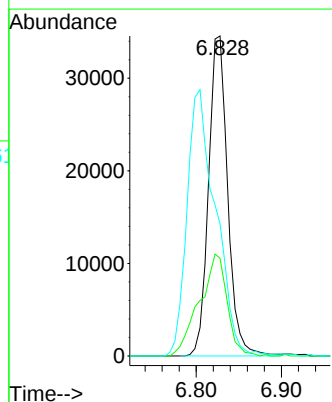
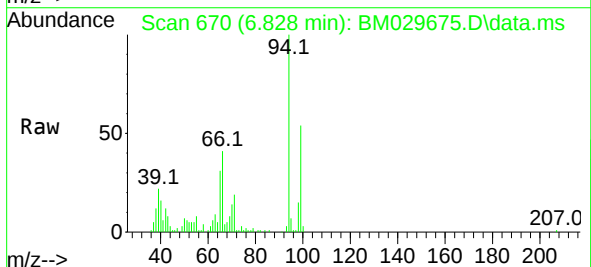
Instrument :
BNA_M
ClientSampleId :
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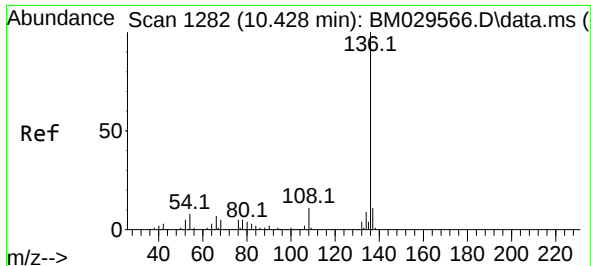
Tgt Ion: 99 Resp: 809122
Ion Ratio Lower Upper
99 100
42 19.2 18.0 27.0
71 36.0 30.9 46.3



#10
Phenol
Concen: 7.56 ng
RT: 6.828 min Scan# 670
Delta R.T. 0.000 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion: 94 Resp: 54157
Ion Ratio Lower Upper
94 100
65 30.5 11.9 51.9
66 41.3 22.6 62.6

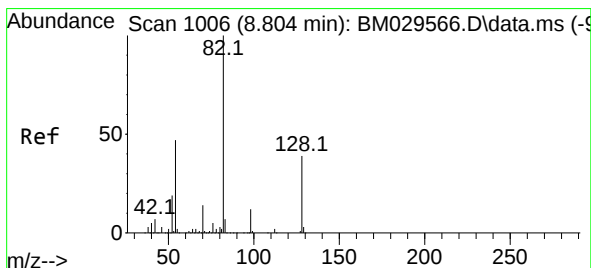
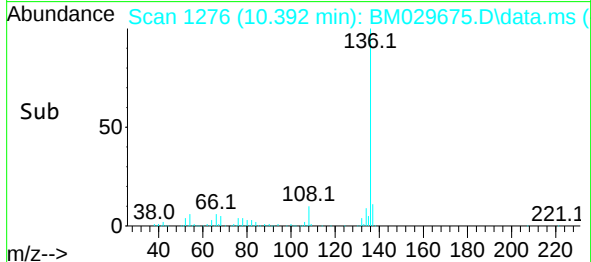
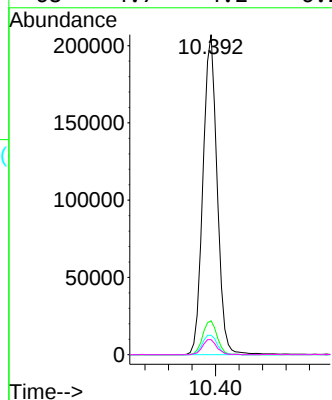
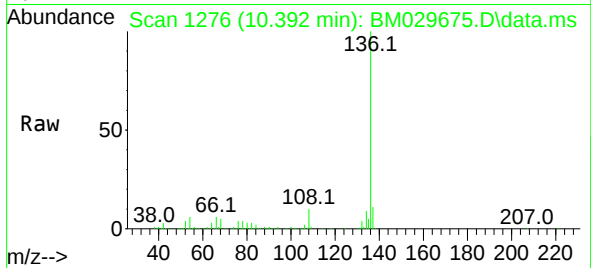




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.392 min Scan# 1276
Delta R.T. -0.006 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

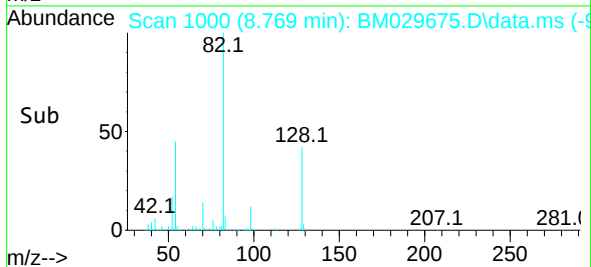
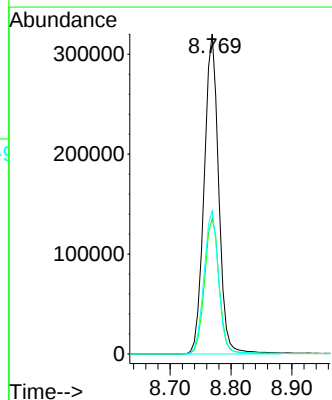
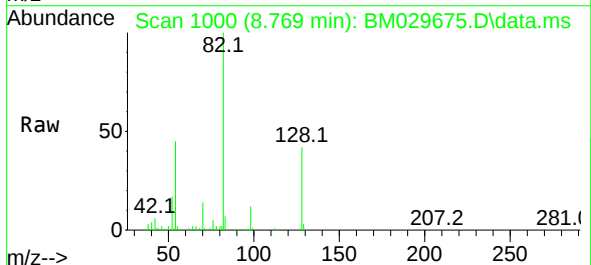
Instrument :
BNA_M
ClientSampleId :
TP-16A-15-COMP

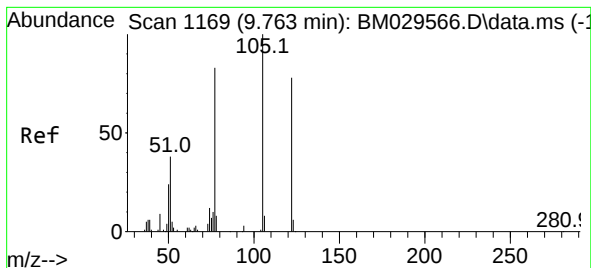
Tgt Ion:	136	Resp:	345780
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.4	12.6
54	6.1	5.5	8.3
68	4.7	4.2	6.2



#23
Nitrobenzene-d5
Concen: 79.20 ng
RT: 8.769 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:	82	Resp:	531731
Ion Ratio	Lower	Upper	
82	100		
128	42.3	31.1	46.7
54	44.7	37.3	55.9

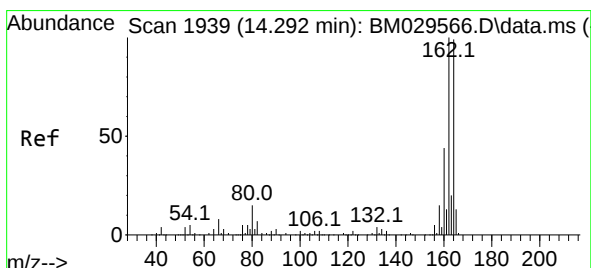
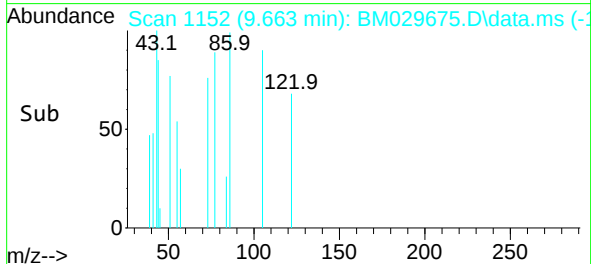
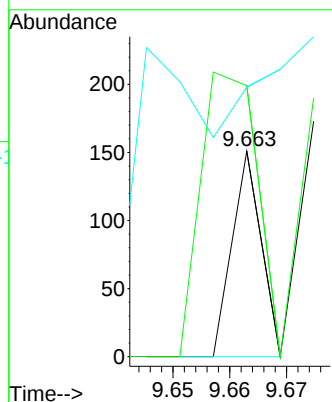
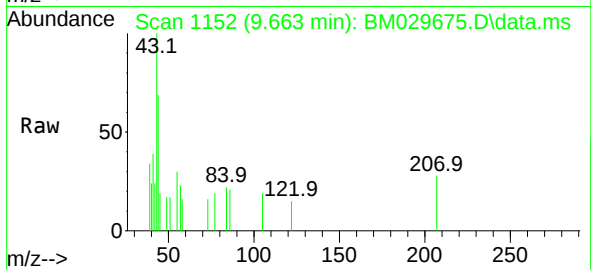




#32
Benzoic acid
Concen: 7.23 ng
RT: 9.663 min Scan# 1152
Delta R.T. -0.071 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

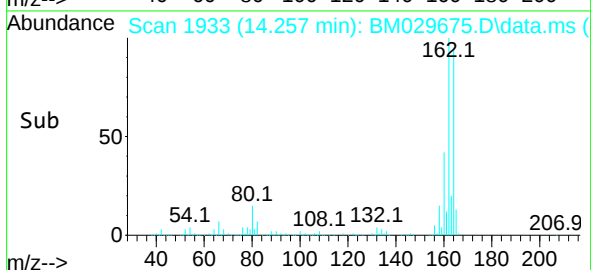
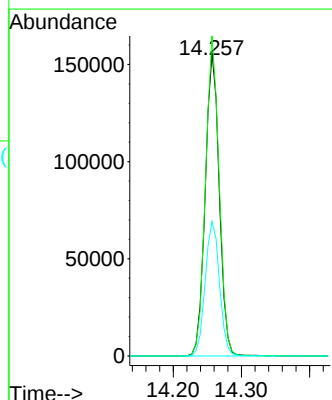
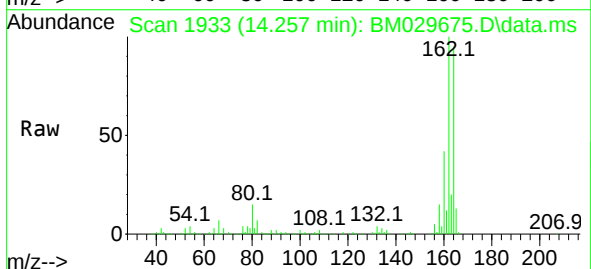
Instrument :
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ClientSampleId :
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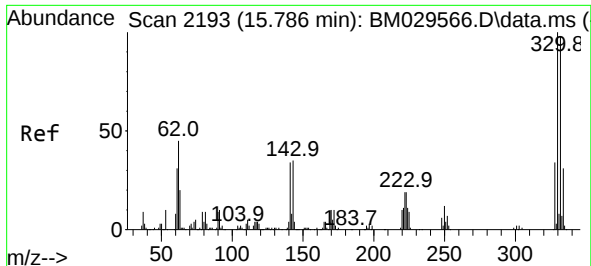
Tgt Ion:122 Resp: 53
Ion Ratio Lower Upper
122 100
105 131.8 107.3 147.3
77 131.1 88.0 128.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.257 min Scan# 1933
Delta R.T. -0.012 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:164 Resp: 223197
Ion Ratio Lower Upper
164 100
162 105.8 83.4 125.0
160 44.5 37.2 55.8

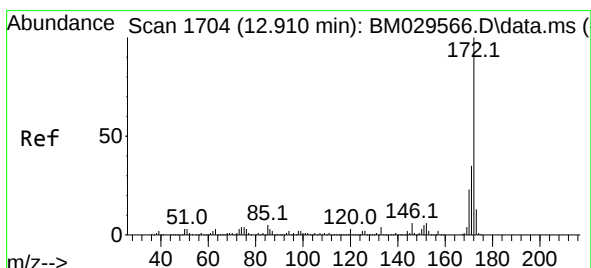
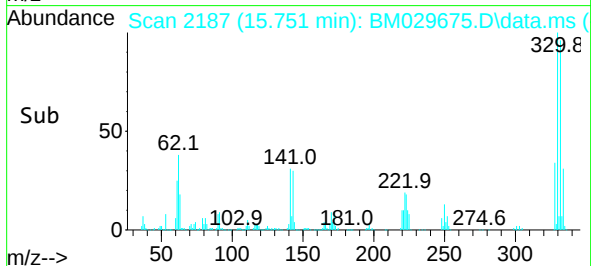
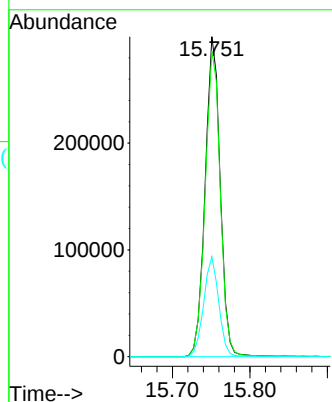
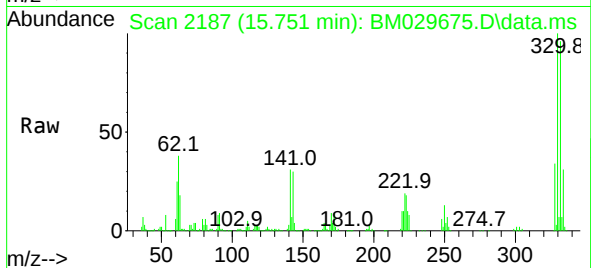




#42
2,4,6-Tribromophenol
Concen: 130.89 ng
RT: 15.751 min Scan# 2187
Delta R.T. -0.012 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

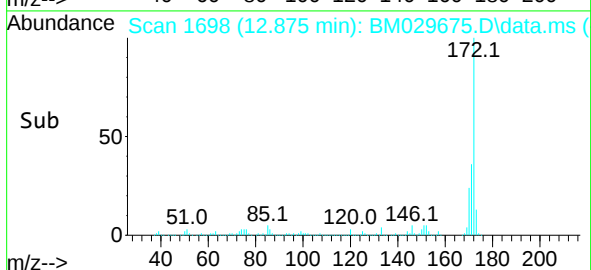
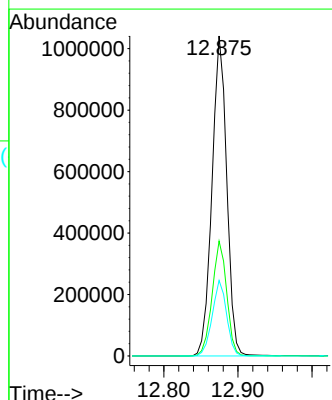
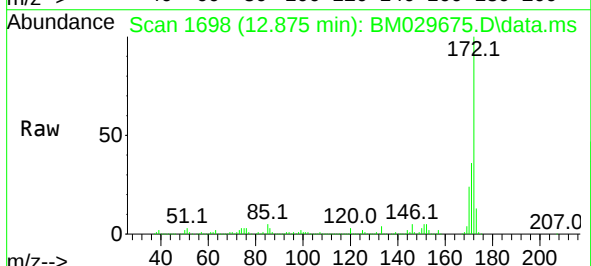
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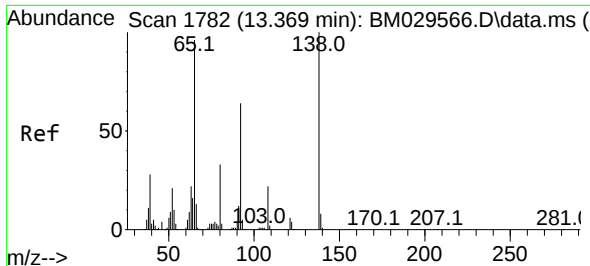
Tgt Ion:330 Resp: 404005
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 31.4 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 87.46 ng
RT: 12.875 min Scan# 1698
Delta R.T. -0.012 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:172 Resp: 1438206
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.6 18.4 27.6

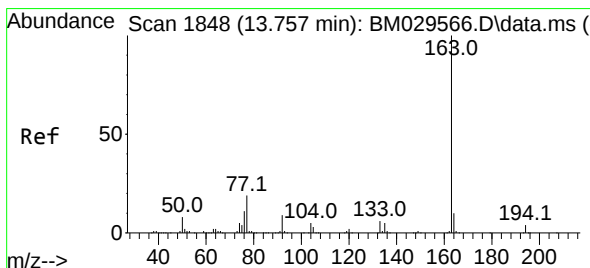
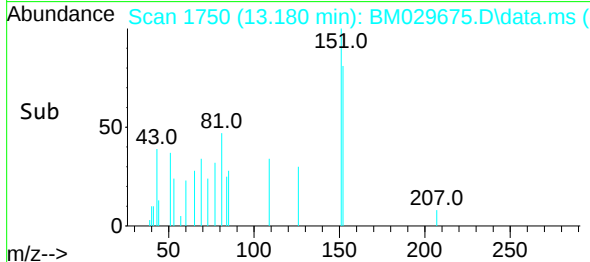
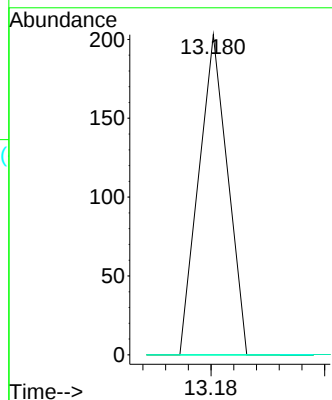
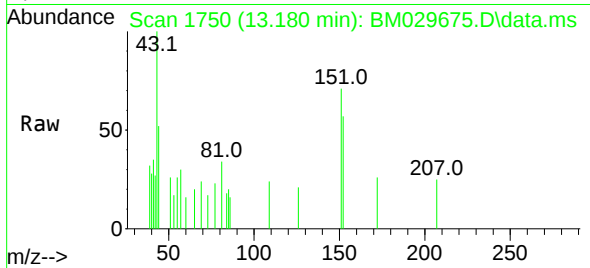




#48
2-Nitroaniline
Concen: 2.88 ng
RT: 13.180 min Scan# 1750
Delta R.T. -0.165 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

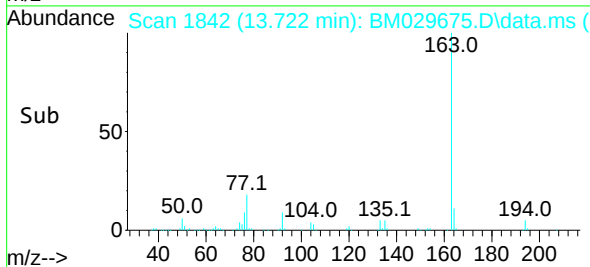
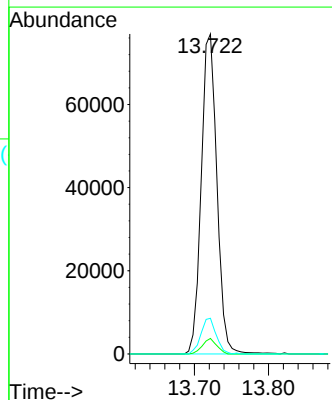
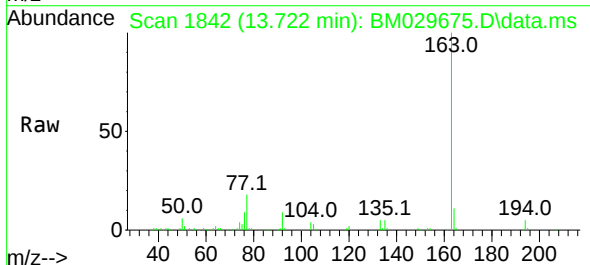
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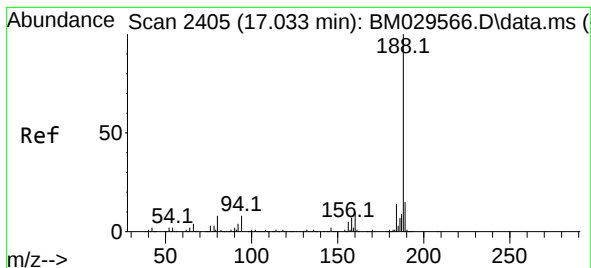
Tgt Ion: 65 Resp: 72
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 85.7 128.5#



#50
Dimethylphthalate
Concen: 6.69 ng
RT: 13.722 min Scan# 1842
Delta R.T. -0.012 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:163 Resp: 112896
Ion Ratio Lower Upper
163 100
194 4.8 3.3 4.9
164 11.1 7.9 11.9

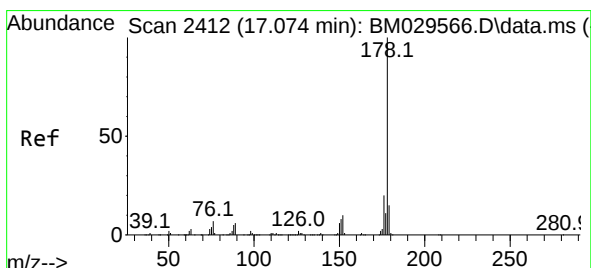
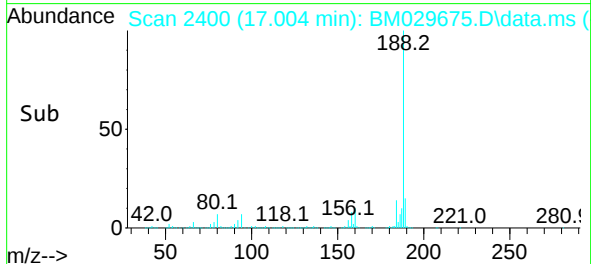
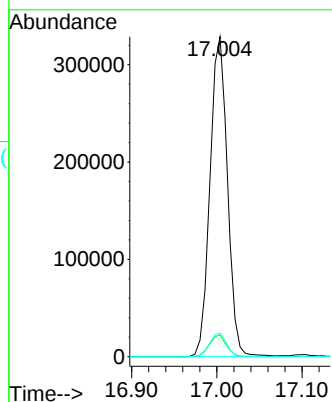
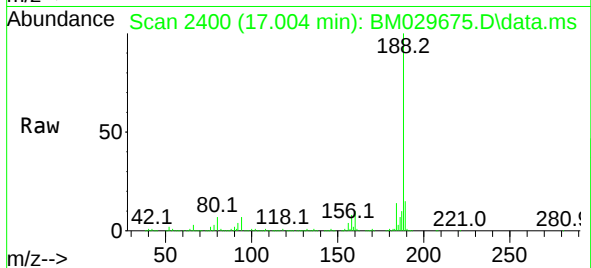




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.004 min Scan# 2400
Delta R.T. -0.006 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

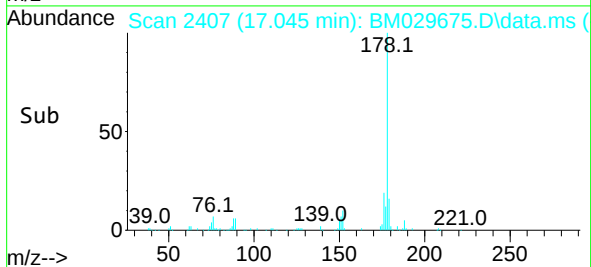
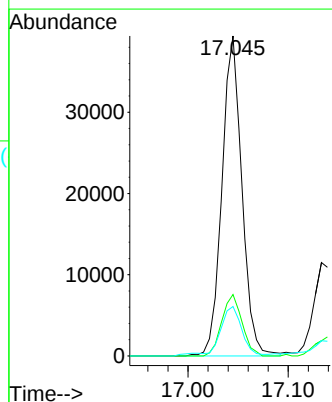
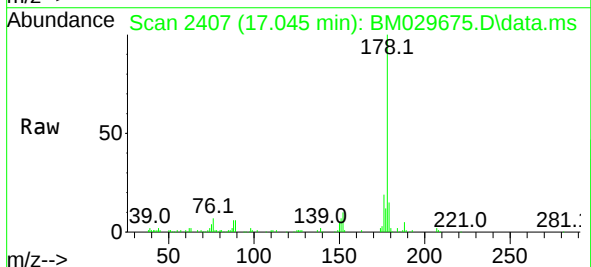
Instrument :
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TP-16A-15-COMP

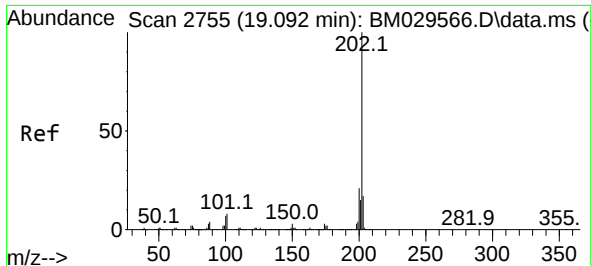
Tgt Ion:188 Resp: 468048
Ion Ratio Lower Upper
188 100
94 6.8 6.0 9.0
80 7.3 6.6 9.8



#71
Phenanthrene
Concen: 2.02 ng
RT: 17.045 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:178 Resp: 54430
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.5 12.2 18.4

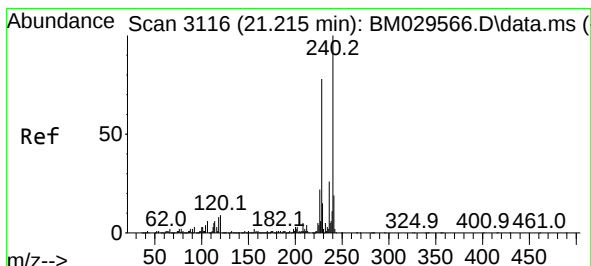
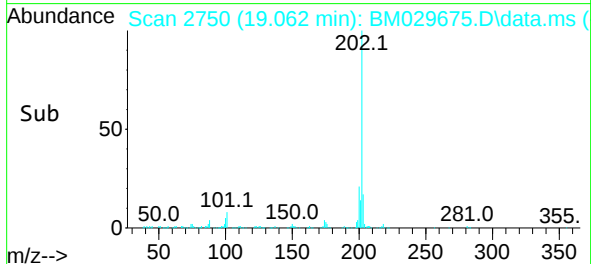
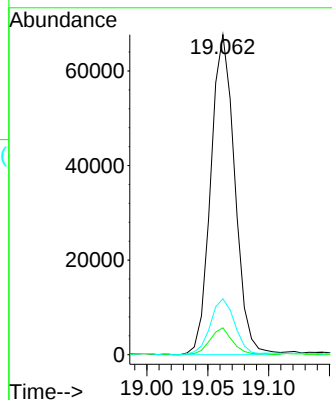
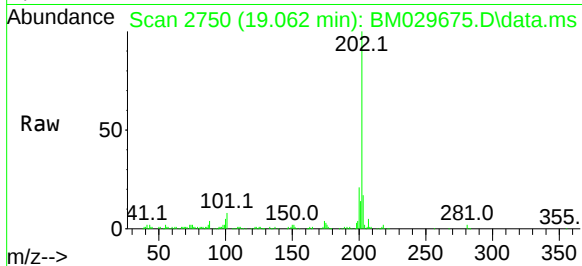




#75
Fluoranthene
Concen: 2.85 ng
RT: 19.062 min Scan# 2750
Delta R.T. -0.012 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

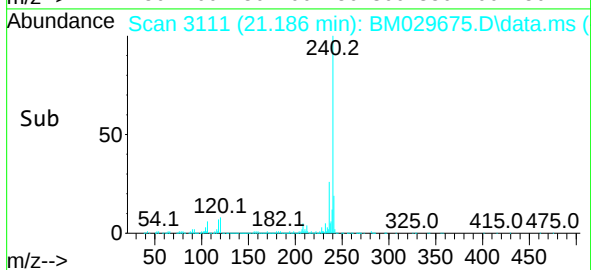
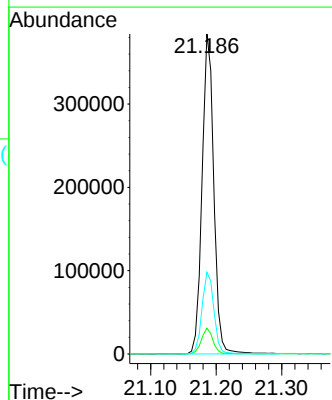
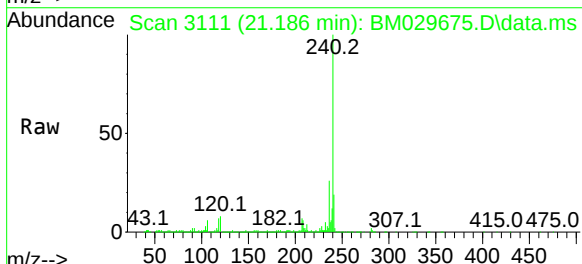
Instrument :
BNA_M
ClientSampleId :
TP-16A-15-COMP

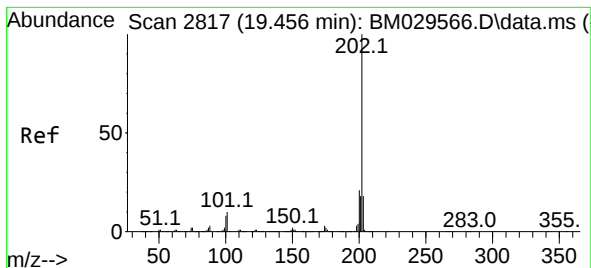
Tgt Ion:202 Resp: 92998
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.6
203 17.5 0.0 37.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3111
Delta R.T. -0.012 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:240 Resp: 479413
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.6 21.0 31.4





#78

Pyrene

Concen: 3.13 ng

RT: 19.427 min Scan# 2812

Delta R.T. -0.006 min

Lab File: BM029675.D

Acq: 27 Apr 2021 16:02

Tgt Ion:202 Resp: 96453

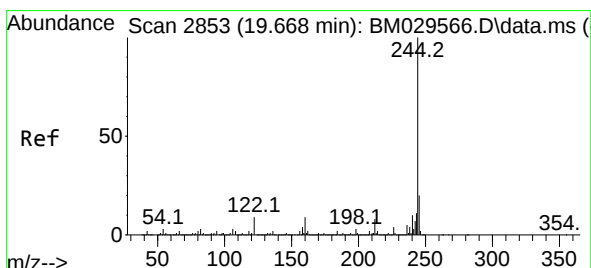
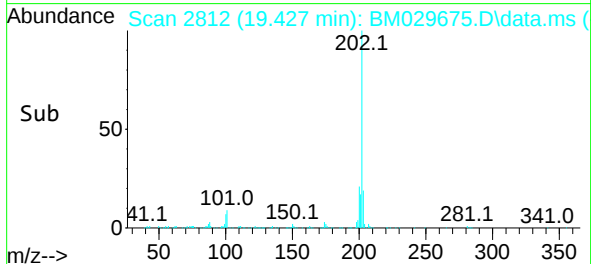
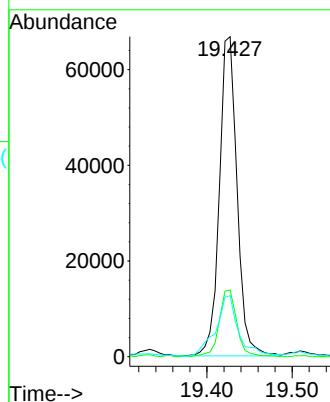
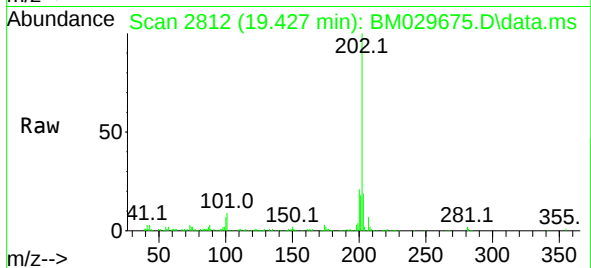
Ion	Ratio	Lower	Upper
202	100		
200	20.8	17.3	25.9
203	19.0	13.9	20.9

Instrument :

BNA_M

ClientSampleId :

TP-16A-15-COMP



#79

Terphenyl-d14

Concen: 78.68 ng

RT: 19.639 min Scan# 2848

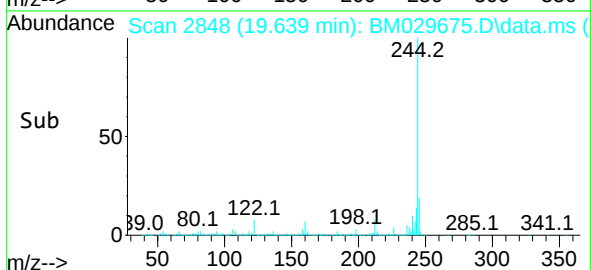
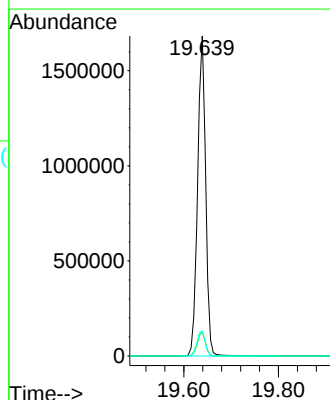
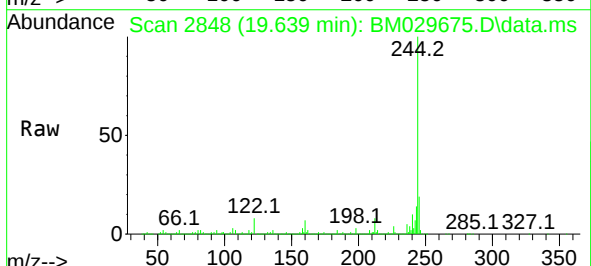
Delta R.T. -0.006 min

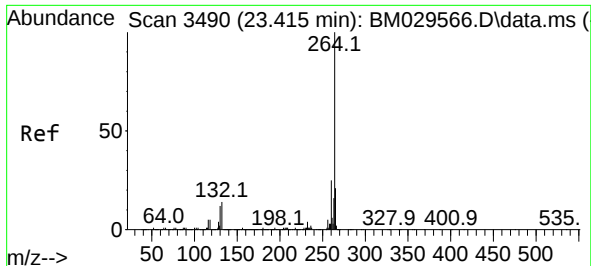
Lab File: BM029675.D

Acq: 27 Apr 2021 16:02

Tgt Ion:244 Resp: 1989670

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.3	9.5
122	7.7	6.9	10.3

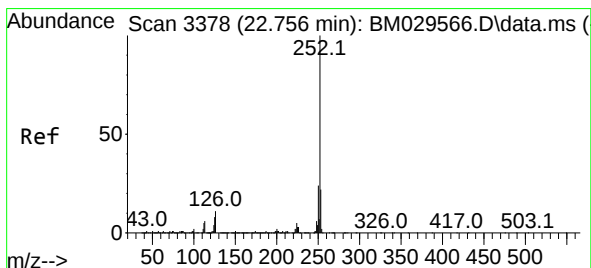
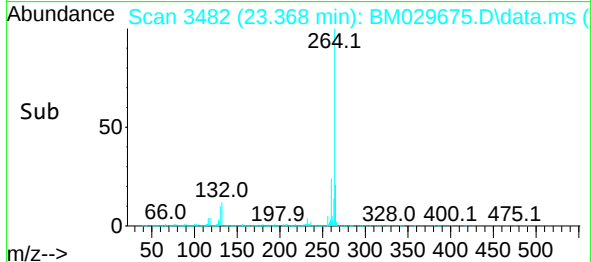
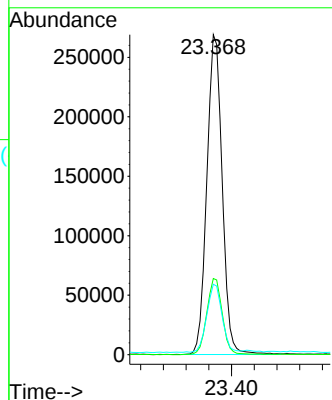
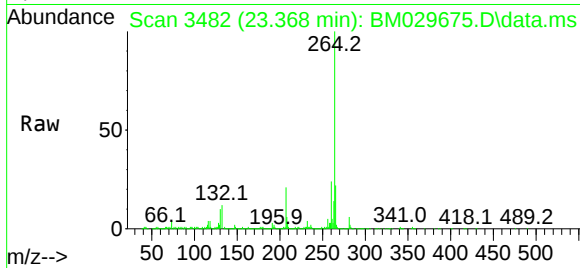




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.368 min Scan# 3482
Delta R.T. -0.012 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

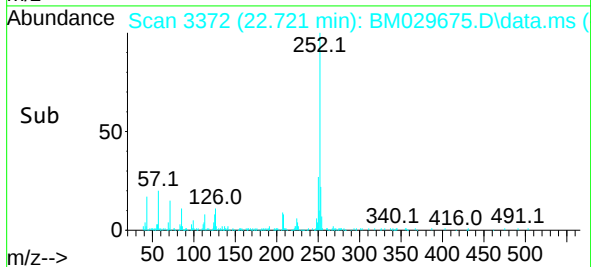
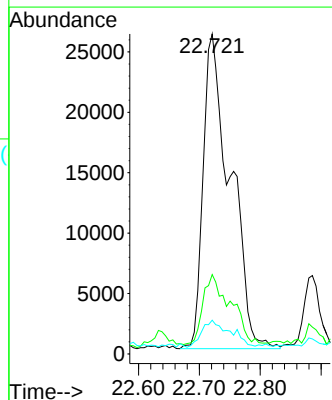
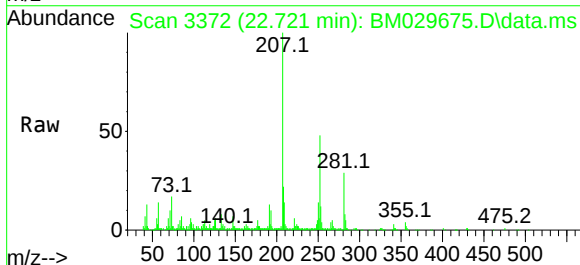
Instrument :
BNA_M
ClientSampleId :
TP-16A-15-COMP

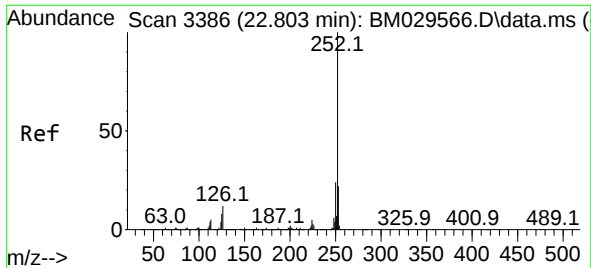
Tgt Ion:264 Resp: 502999
Ion Ratio Lower Upper
264 100
260 23.8 19.8 29.8
265 22.0 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 2.46 ng
RT: 22.721 min Scan# 3372
Delta R.T. -0.006 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Tgt Ion:252 Resp: 80715
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.0
125 10.6 6.8 10.2#





#89
Benzo(k)fluoranthene
Concen: 2.46 ng
RT: 22.721 min Scan# 3372
Delta R.T. -0.053 min
Lab File: BM029675.D
Acq: 27 Apr 2021 16:02

Instrument :
BNA_M
ClientSampleId :
TP-16A-15-COMP

Tgt Ion:252 Resp: 80715
Ion Ratio Lower Upper
252 100
253 24.8 17.4 26.2
125 10.6 6.2 9.2#

