

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029035.D
 Acq On : 09 Mar 2021 00:58
 Operator : CG/JU
 Sample : M1589-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-GF-02-067-A

Manual Integrations
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Quant Time: Mar 09 01:36:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 05 13:17:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	12324	20.00	ng	-0.01
21) Naphthalene-d8	10.463	136	45343	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	24218	20.00	ng	-0.01
64) Phenanthrene-d10	17.086	188	47220	20.00	ng	-0.01
76) Chrysene-d12	21.256	240	46330	20.00	ng	#-0.02
86) Perylene-d12	23.415	264	50608	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.246	112	74129	99.70	ng	0.00
7) Phenol-d6	6.869	99	83742	85.27	ng	0.00
23) Nitrobenzene-d5	8.845	82	55787	66.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	26142	91.08	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	113051	62.14	ng	-0.01
79) Terphenyl-d14	19.709	244	144276	57.50	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.898	94	1958	2.01	ng	87
71) Phenanthrene	17.127	178	10195	3.63	ng	99
75) Fluoranthene	19.139	202	28357	9.18	ng	97
78) Pyrene	19.503	202	26820	7.88	ng	100
81) Benzo(a)anthracene	21.245	228	16995	5.29	ng	95
83) Chrysene	21.292	228	16372	5.23	ng	97
87) Indeno(1,2,3-cd)pyrene	25.568	276	14203	3.72	ng	# 92
88) Benzo(b)fluoranthene	22.774	252	25244	7.06	ng	# 92
89) Benzo(k)fluoranthene	22.815	252	8062m	2.37	ng	
90) Benzo(a)pyrene	23.321	252	19224	5.89	ng	# 94
92) Benzo(g,h,i)perylene	26.232	276	13838	4.32	ng	# 92

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

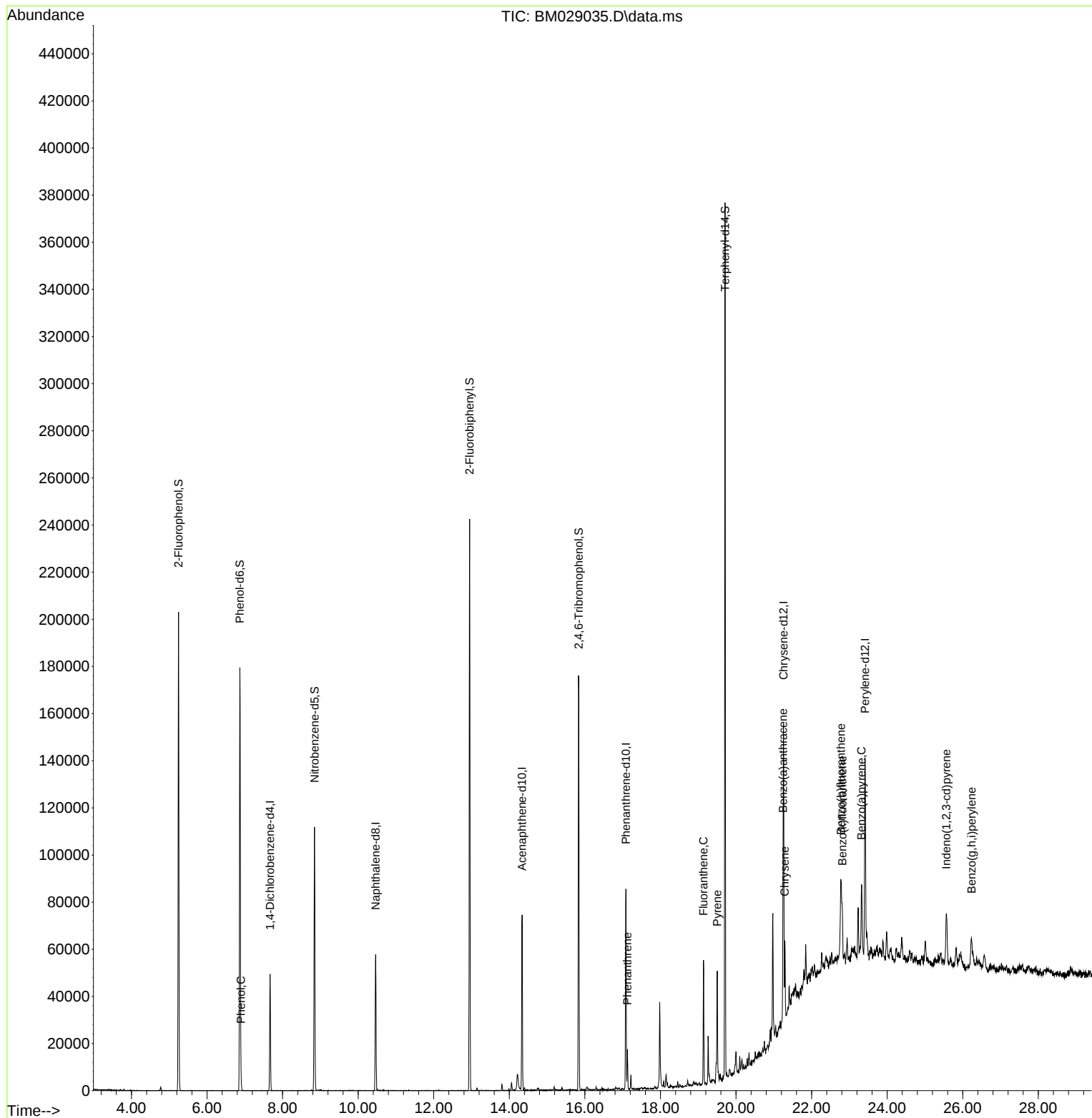
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
Data File : BM029035.D
Acq On : 09 Mar 2021 00:58
Operator : CG/JU
Sample : M1589-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

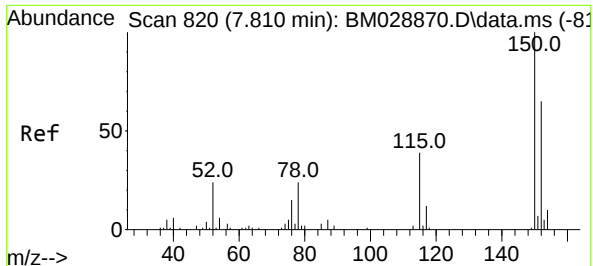
Instrument :
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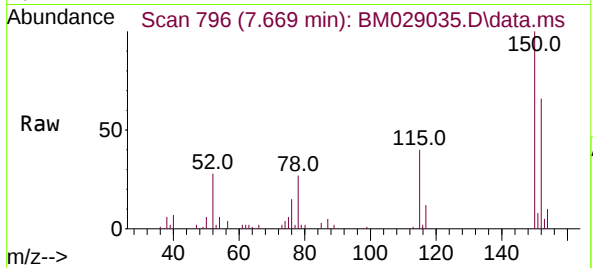
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Quant Time: Mar 09 01:36:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 05 13:17:12 2021
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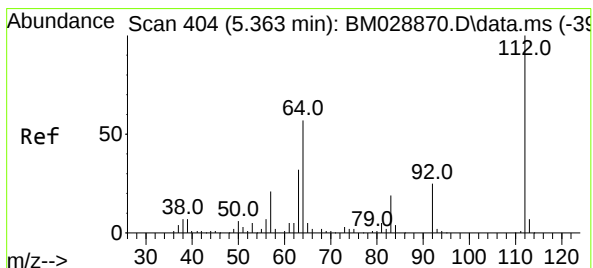
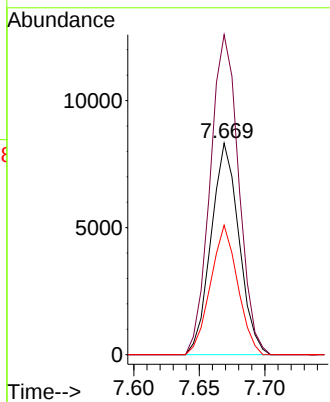
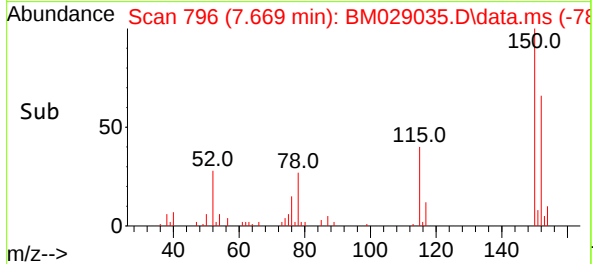




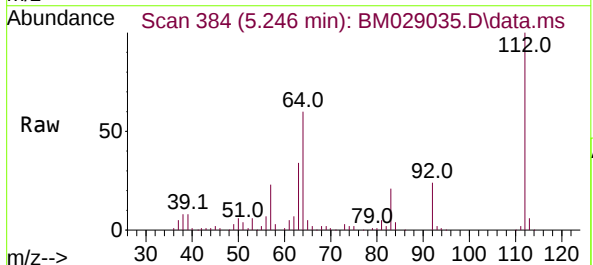
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58



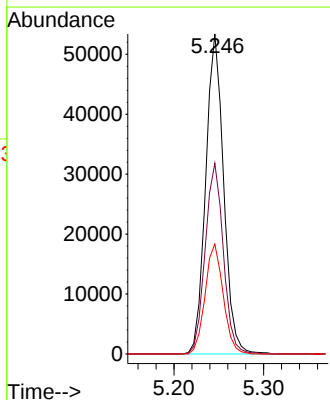
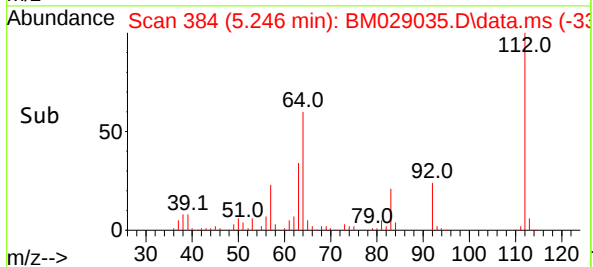
Tgt Ion:152 Resp: 12324
Ion Ratio Lower Upper
152 100
150 151.3 120.6 181.0
115 61.2 47.2 70.8



#5
2-Fluorophenol
Concen: 99.70 ng
RT: 5.246 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58



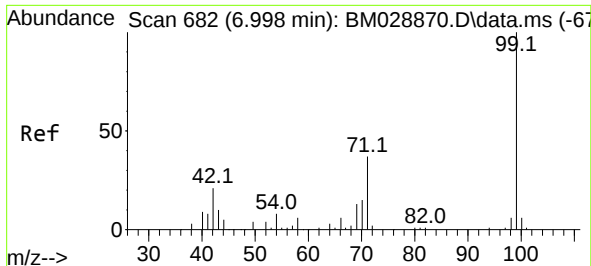
Tgt Ion:112 Resp: 74129
Ion Ratio Lower Upper
112 100
64 59.6 50.6 76.0
63 34.4 31.0 46.6



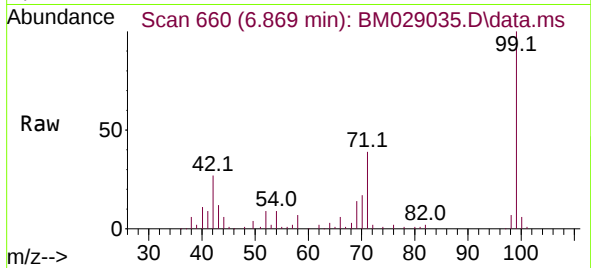
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

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#7
Phenol-d6
Concen: 85.27 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

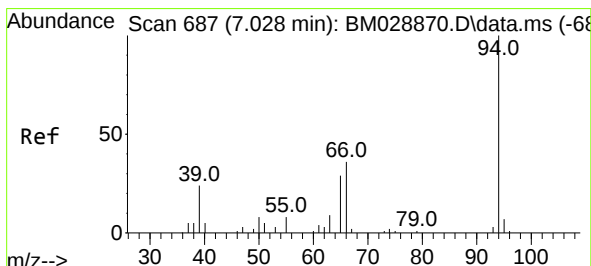
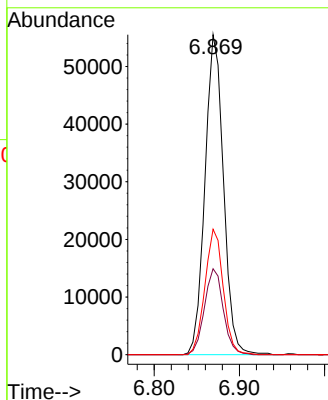
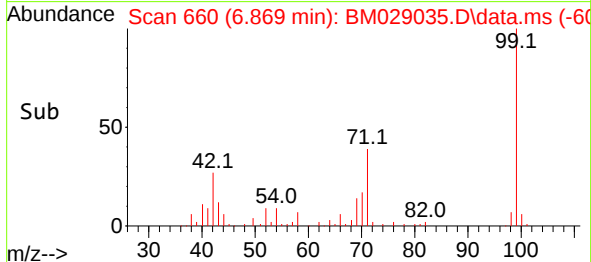


Tgt Ion: 99 Resp: 83742
Ion Ratio Lower Upper
99 100
42 26.9 13.5 20.3#
71 39.2 39.4 59.0#

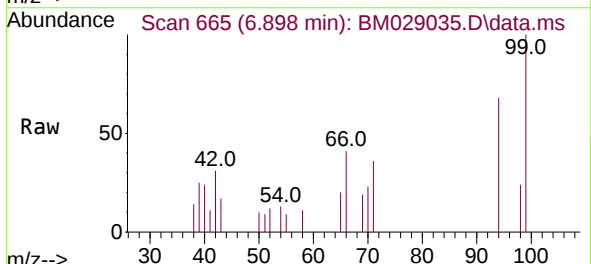
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

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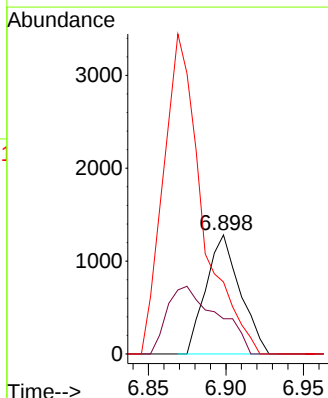
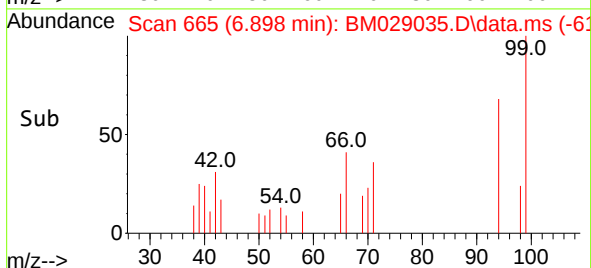
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#10
Phenol
Concen: 2.01 ng
RT: 6.898 min Scan# 665
Delta R.T. -0.000 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

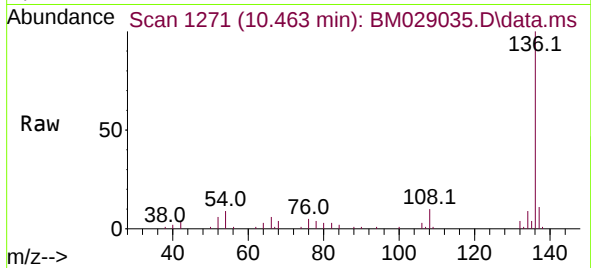


Tgt Ion: 94 Resp: 1958
Ion Ratio Lower Upper
94 100
65 29.6 16.4 56.4
66 60.4 30.2 70.2

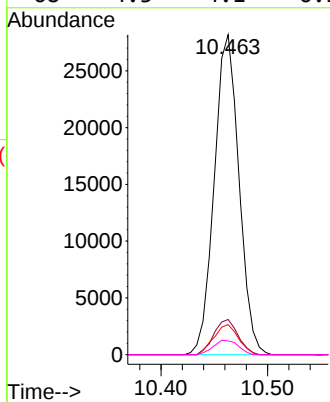




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58



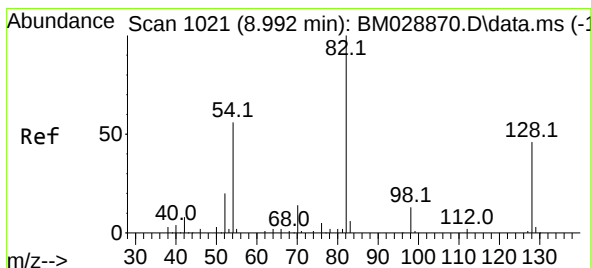
Tgt Ion:	136	Resp:	45343
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	12.8
54	9.4	4.6	7.0#
68	4.3	4.1	6.1



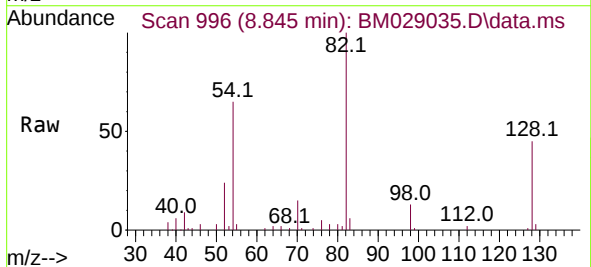
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

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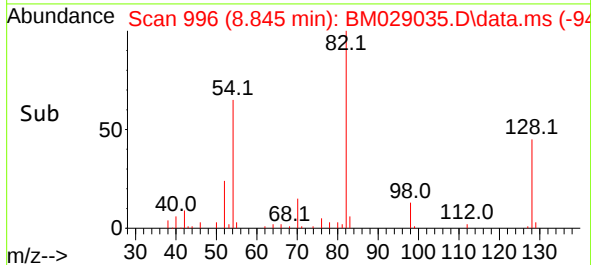
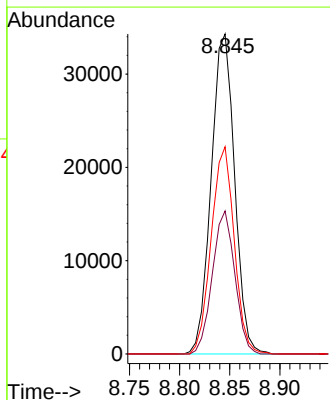
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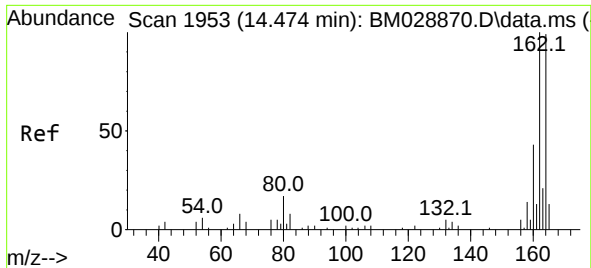


#23
Nitrobenzene-d5
Concen: 66.38 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

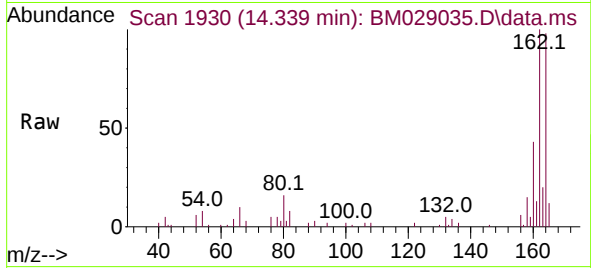


Tgt Ion:	82	Resp:	55787
Ion Ratio	Lower	Upper	
82	100		
128	44.7	27.4	41.0#
54	64.8	31.4	47.0#

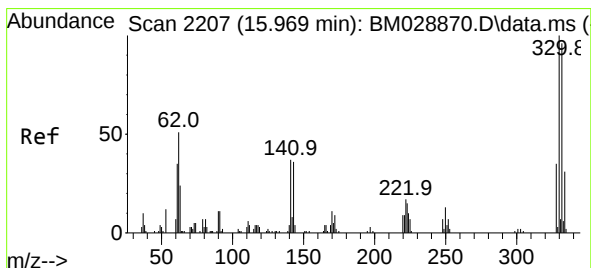
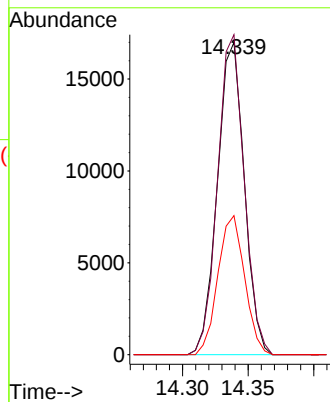
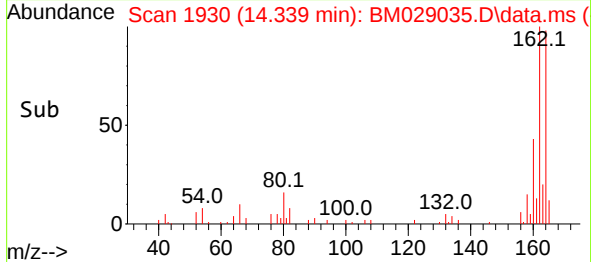




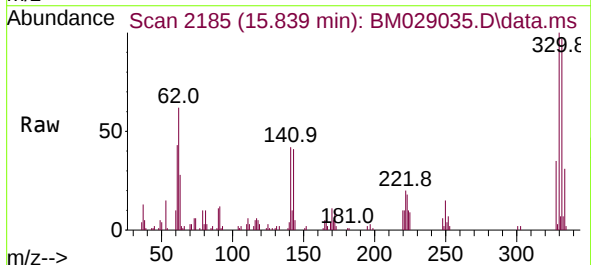
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58



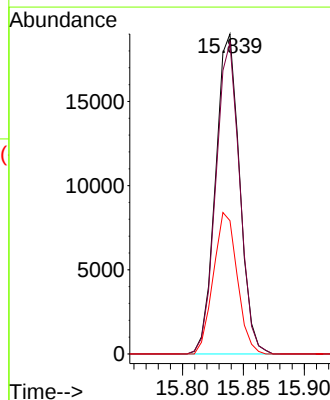
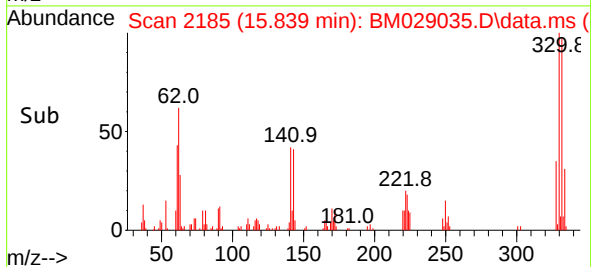
Tgt Ion:164 Resp: 24218
Ion Ratio Lower Upper
164 100
162 102.4 80.4 120.6
160 44.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 91.08 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58



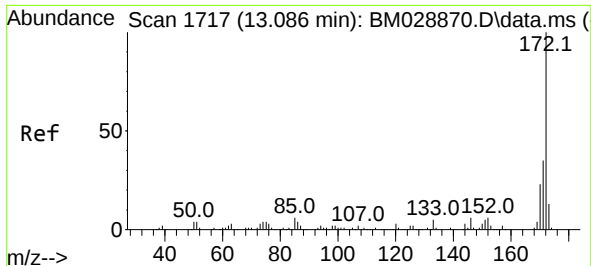
Tgt Ion:330 Resp: 26142
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 43.8 28.4 42.6#



Instrument :
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ClientSampleId :
FK-GF-02-067-A

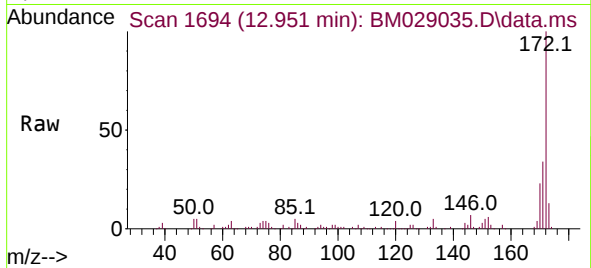
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#45
2-Fluorobiphenyl
Concen: 62.14 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

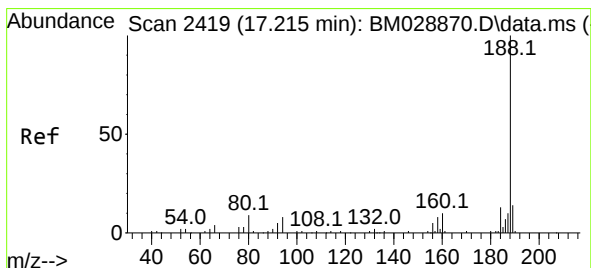
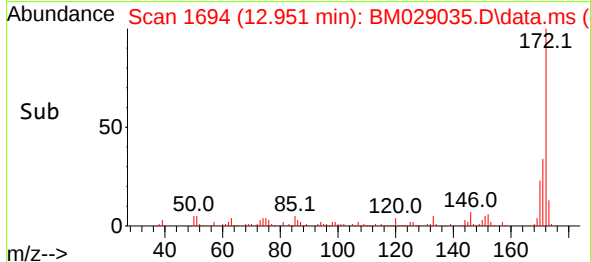
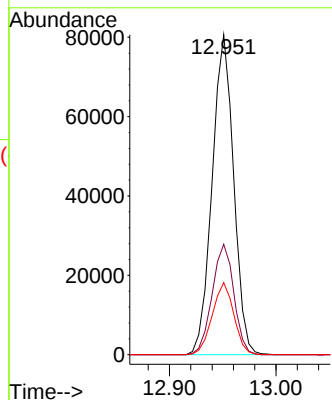
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A



Tgt Ion:172 Resp: 113051
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 22.5 18.6 27.8

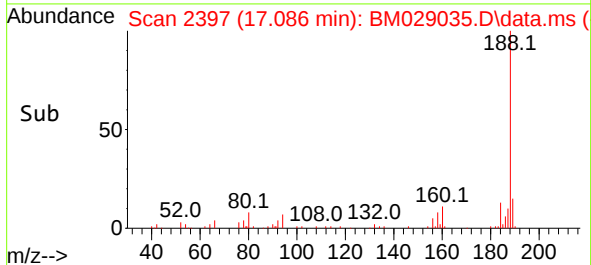
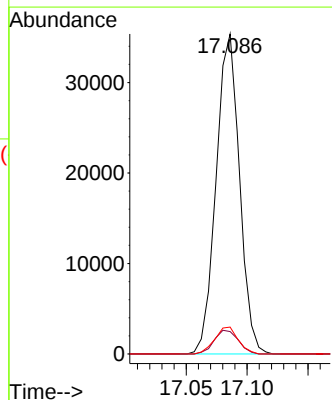
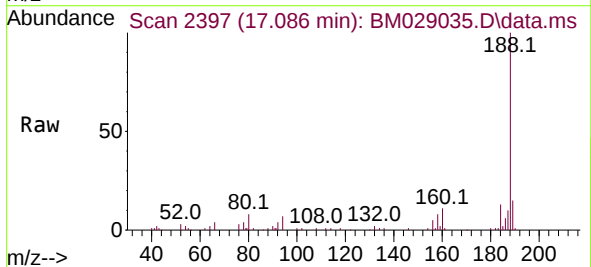
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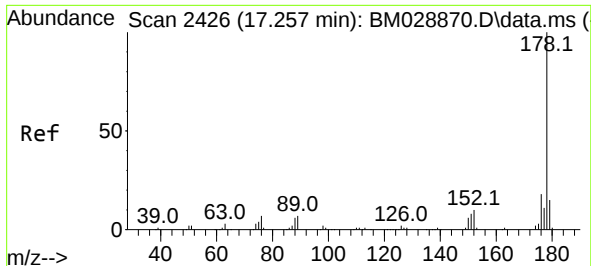
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2397
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

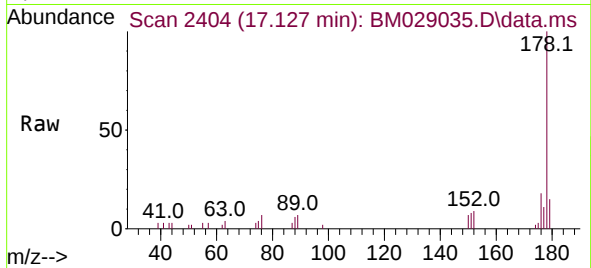
Tgt Ion:188 Resp: 47220
Ion Ratio Lower Upper
188 100
94 7.0 6.2 9.4
80 8.4 7.5 11.3





#71
Phenanthrene
Concen: 3.63 ng
RT: 17.127 min Scan# 2404
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

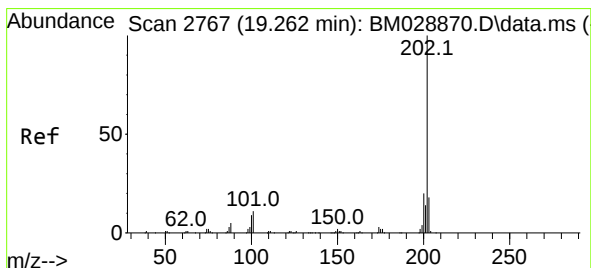
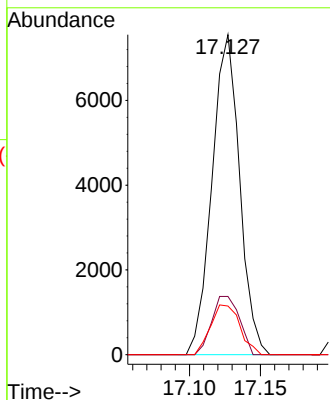
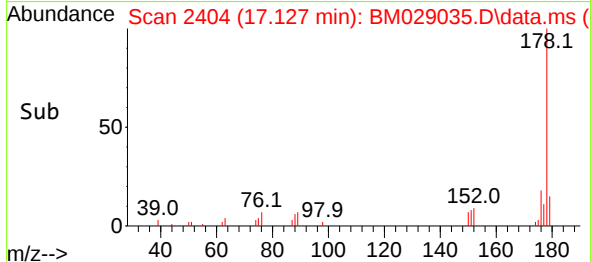
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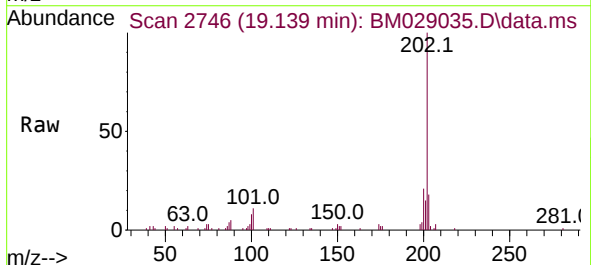
Tgt Ion:178 Resp: 10195
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.2 12.2 18.4

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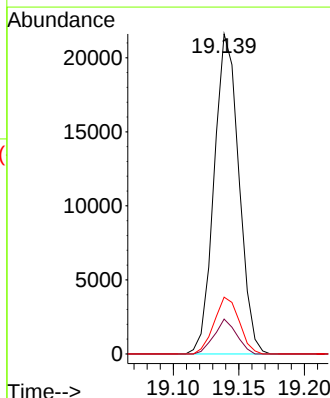
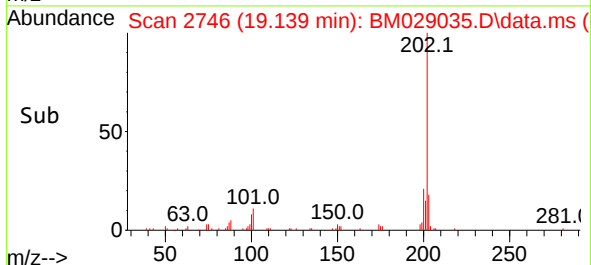
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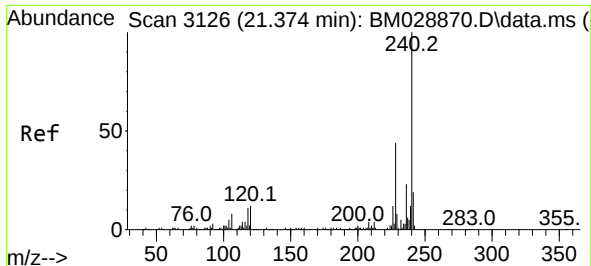


#75
Fluoranthene
Concen: 9.18 ng
RT: 19.139 min Scan# 2746
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58



Tgt Ion:202 Resp: 28357
Ion Ratio Lower Upper
202 100
101 10.9 0.0 28.5
203 17.8 0.0 37.3





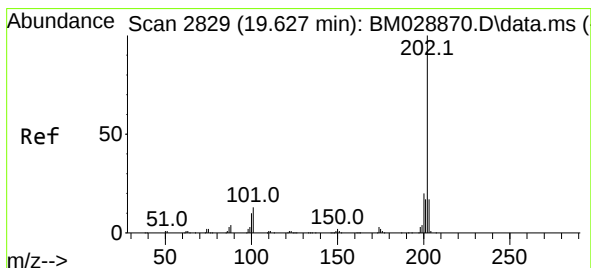
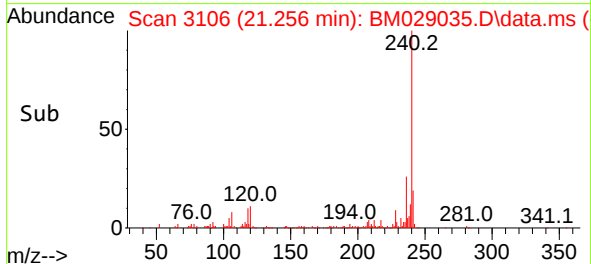
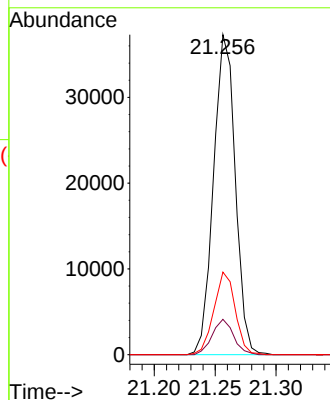
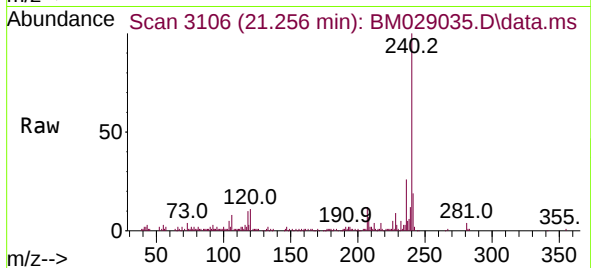
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:240 Resp: 46330
Ion Ratio Lower Upper
240 100
120 11.0 6.4 9.6#
236 25.8 20.1 30.1

Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

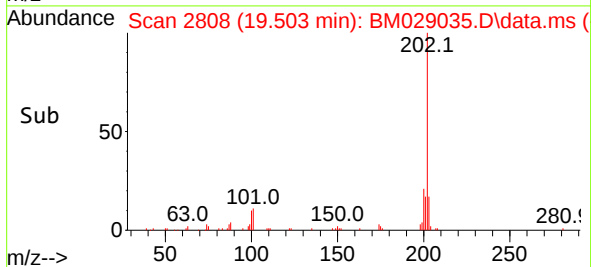
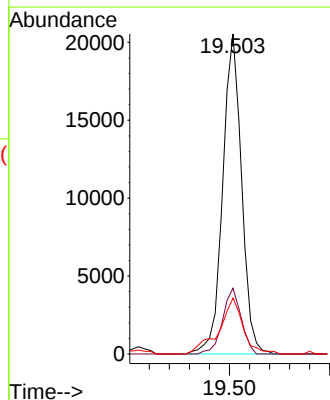
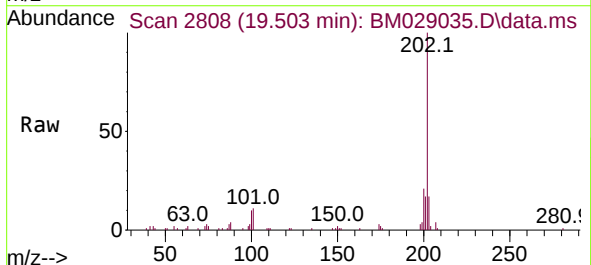
Manual Integrations
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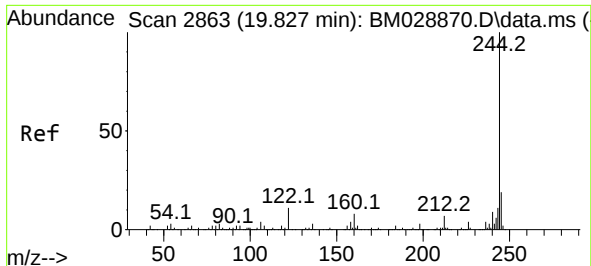
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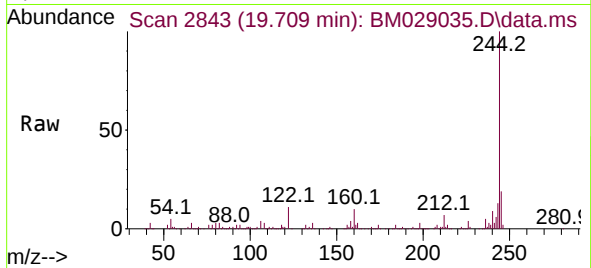
#78
Pyrene
Concen: 7.88 ng
RT: 19.503 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:202 Resp: 26820
Ion Ratio Lower Upper
202 100
200 20.5 16.6 24.8
203 17.4 13.8 20.6





#79
Terphenyl-d14
Concen: 57.50 ng
RT: 19.709 min Scan# 2843
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

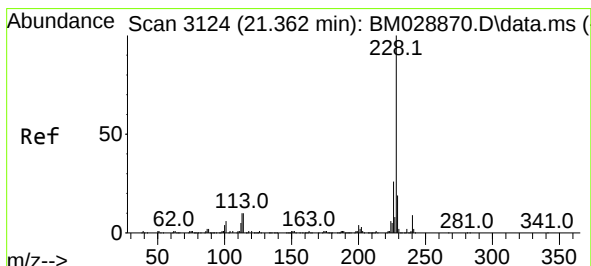
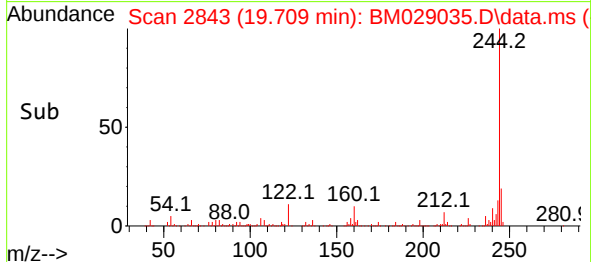
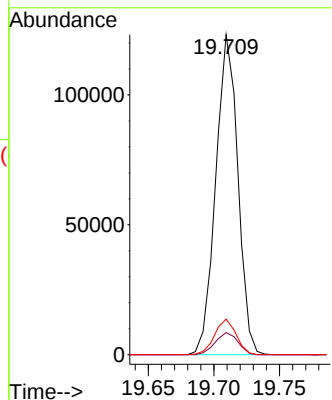


Tgt Ion:244 Resp: 144276
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 11.1 6.5 9.7#

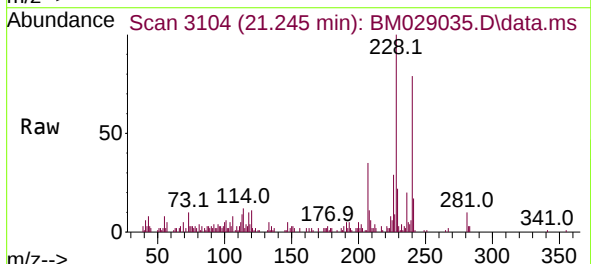
Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

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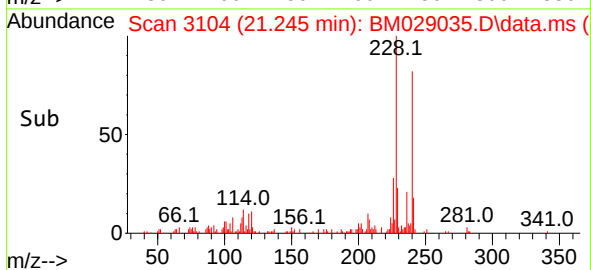
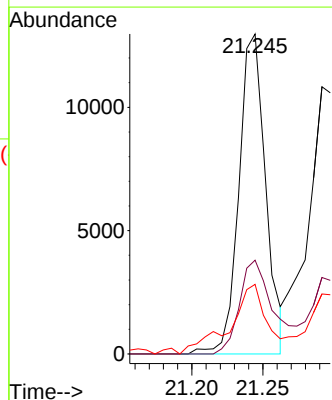
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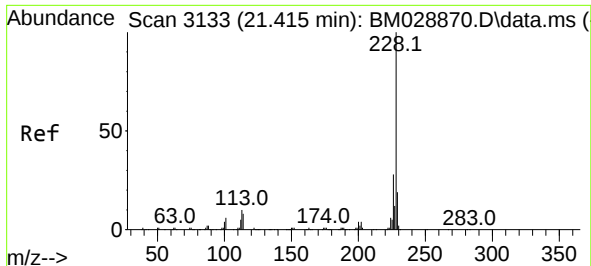


#81
Benzo(a)anthracene
Concen: 5.29 ng
RT: 21.245 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58



Tgt Ion:228 Resp: 16995
Ion Ratio Lower Upper
228 100
226 29.3 21.1 31.7
229 21.7 15.7 23.5





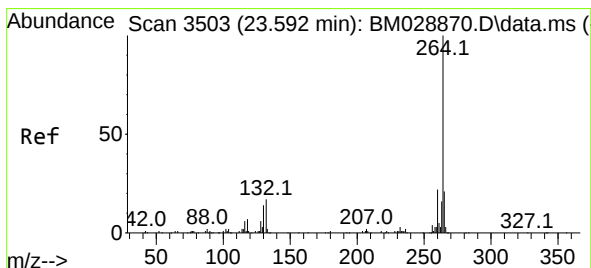
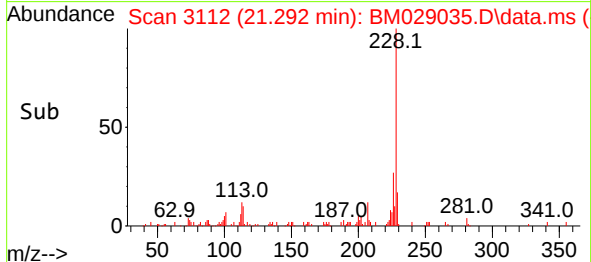
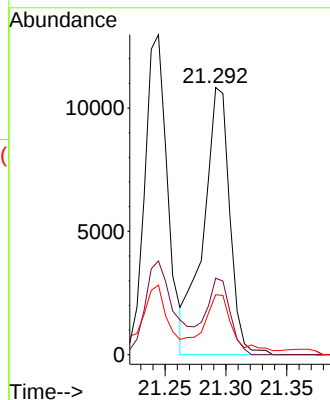
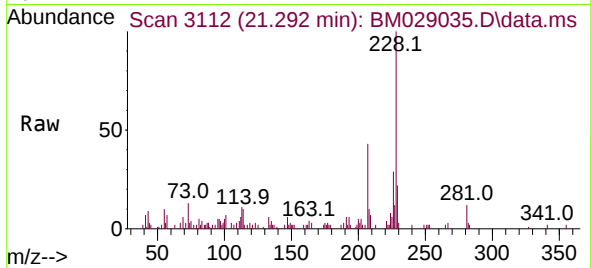
#83
Chrysene
Concen: 5.23 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.018 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:	228	Resp:	16372
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.0
229	22.5	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

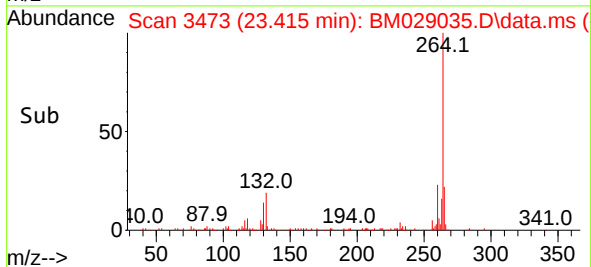
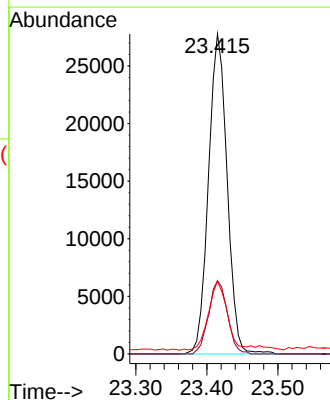
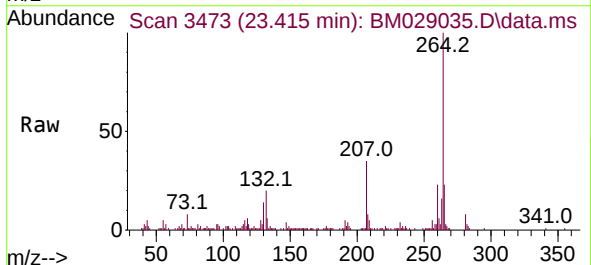
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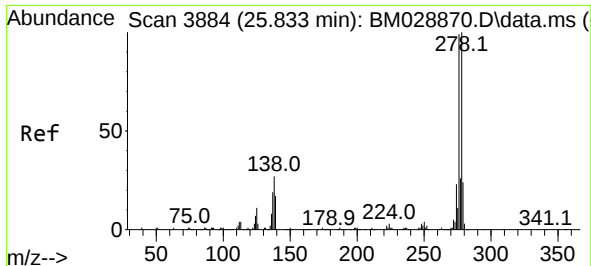
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#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.024 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:	264	Resp:	50608
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.0	28.4
265	22.8	17.7	26.5





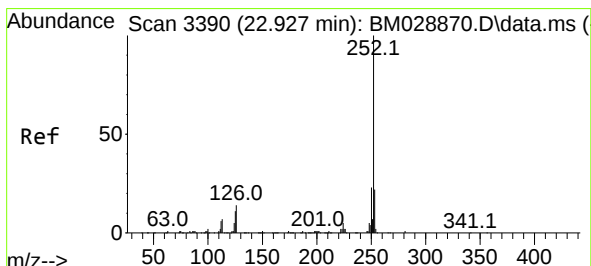
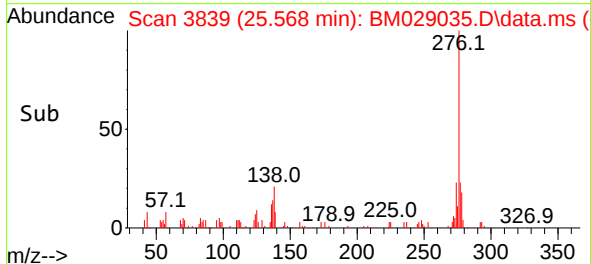
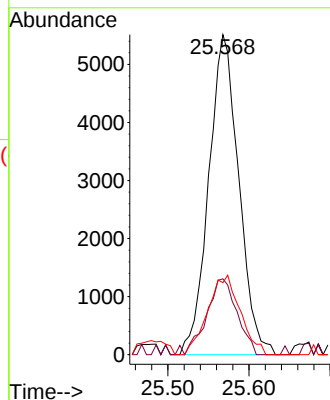
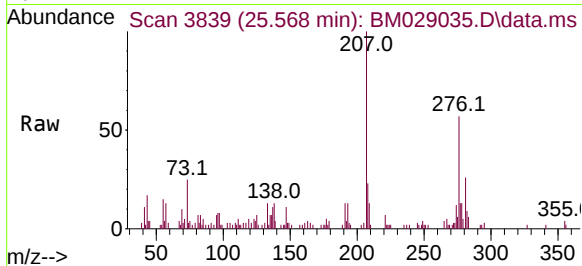
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.72 ng
 RT: 25.568 min Scan# 3839
 Delta R.T. -0.035 min
 Lab File: BM029035.D
 Acq: 09 Mar 2021 00:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	14.2	21.4#
277	26.7	19.8	29.8

Instrument :
 BNA_M
 ClientSampleId :
 FK-GF-02-067-A

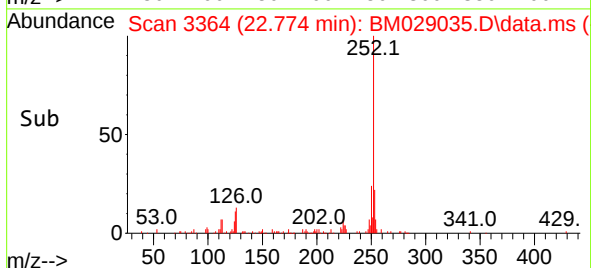
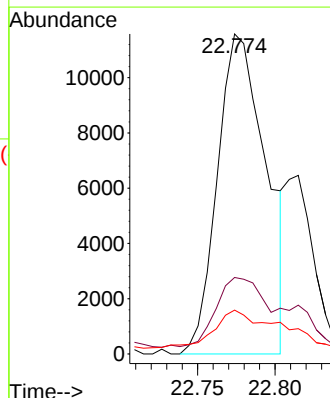
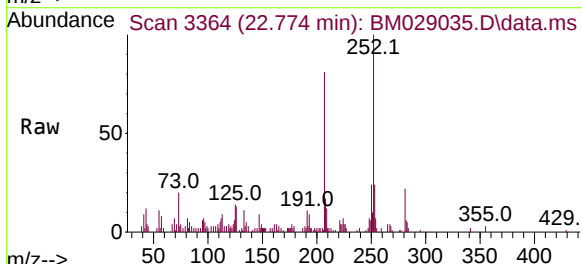
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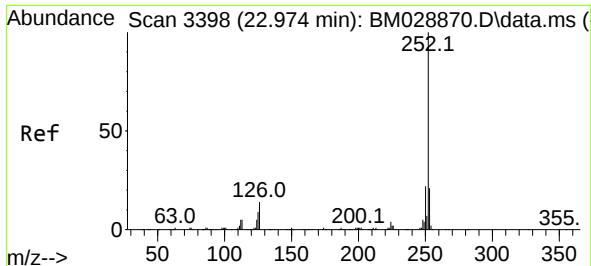
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#88
 Benzo(b)fluoranthene
 Concen: 7.06 ng
 RT: 22.774 min Scan# 3364
 Delta R.T. -0.018 min
 Lab File: BM029035.D
 Acq: 09 Mar 2021 00:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	13.7	5.7	8.5#





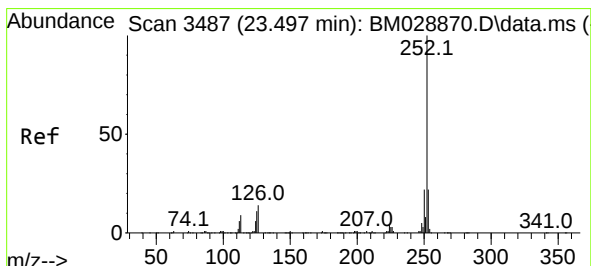
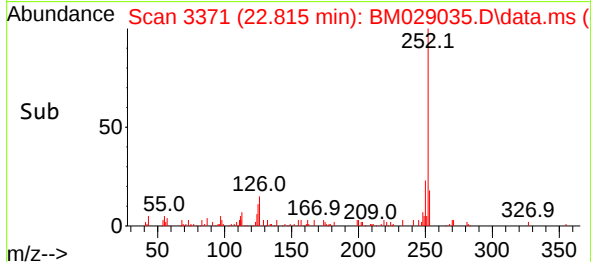
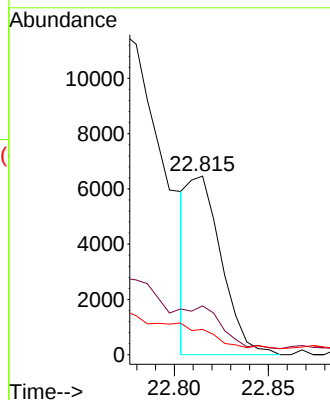
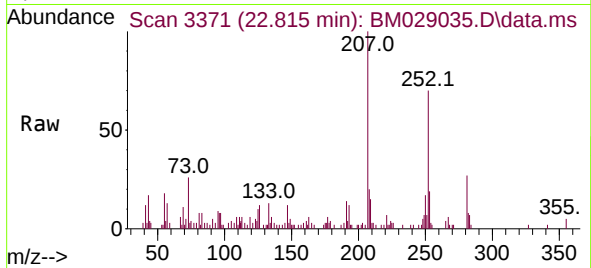
#89
Benzo(k)fluoranthene
Concen: 2.37 ng m
RT: 22.815 min Scan# 3371
Delta R.T. -0.018 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:252 Resp: 8062
Ion Ratio Lower Upper
252 100
253 27.3 17.4 26.0#
125 14.1 5.6 8.4#

Instrument :
BNA_M
ClientSampleId :
FK-GF-02-067-A

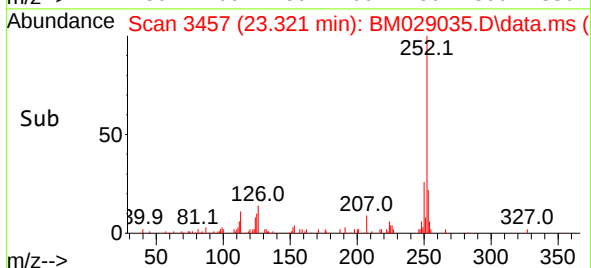
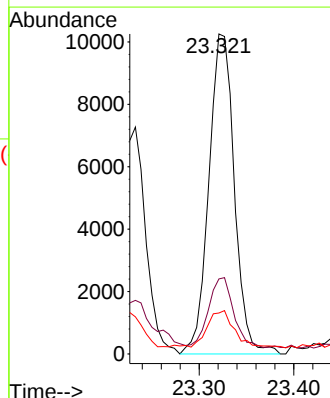
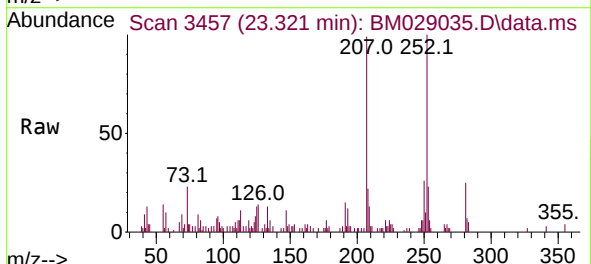
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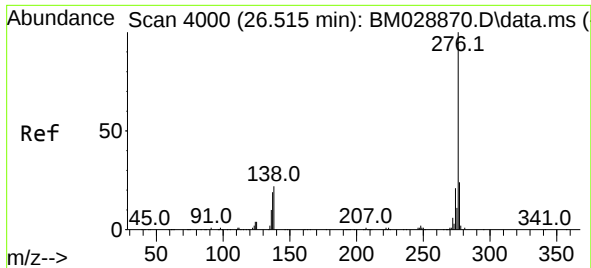
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#90
Benzo(a)pyrene
Concen: 5.89 ng
RT: 23.321 min Scan# 3457
Delta R.T. -0.024 min
Lab File: BM029035.D
Acq: 09 Mar 2021 00:58

Tgt Ion:252 Resp: 19224
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 12.8 6.6 9.8#





#92
 Benzo(g,h,i)perylene
 Concen: 4.32 ng
 RT: 26.232 min Scan# 3952
 Delta R.T. -0.029 min
 Lab File: BM029035.D
 Acq: 09 Mar 2021 00:58

Tgt Ion: 276 Resp: 13838
 Ion Ratio Lower Upper
 276 100
 277 24.6 18.6 28.0
 138 22.4 12.2 18.2#

Instrument :
 BNA_M
 ClientSampleId :
 FK-GF-02-067-A

Manual Integrations
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