

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030821\
 Data File : BM029033.D
 Acq On : 08 Mar 2021 23:46
 Operator : CG/JU
 Sample : M1591-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-PS-01-070

Quant Time: Mar 09 00:25:49 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)

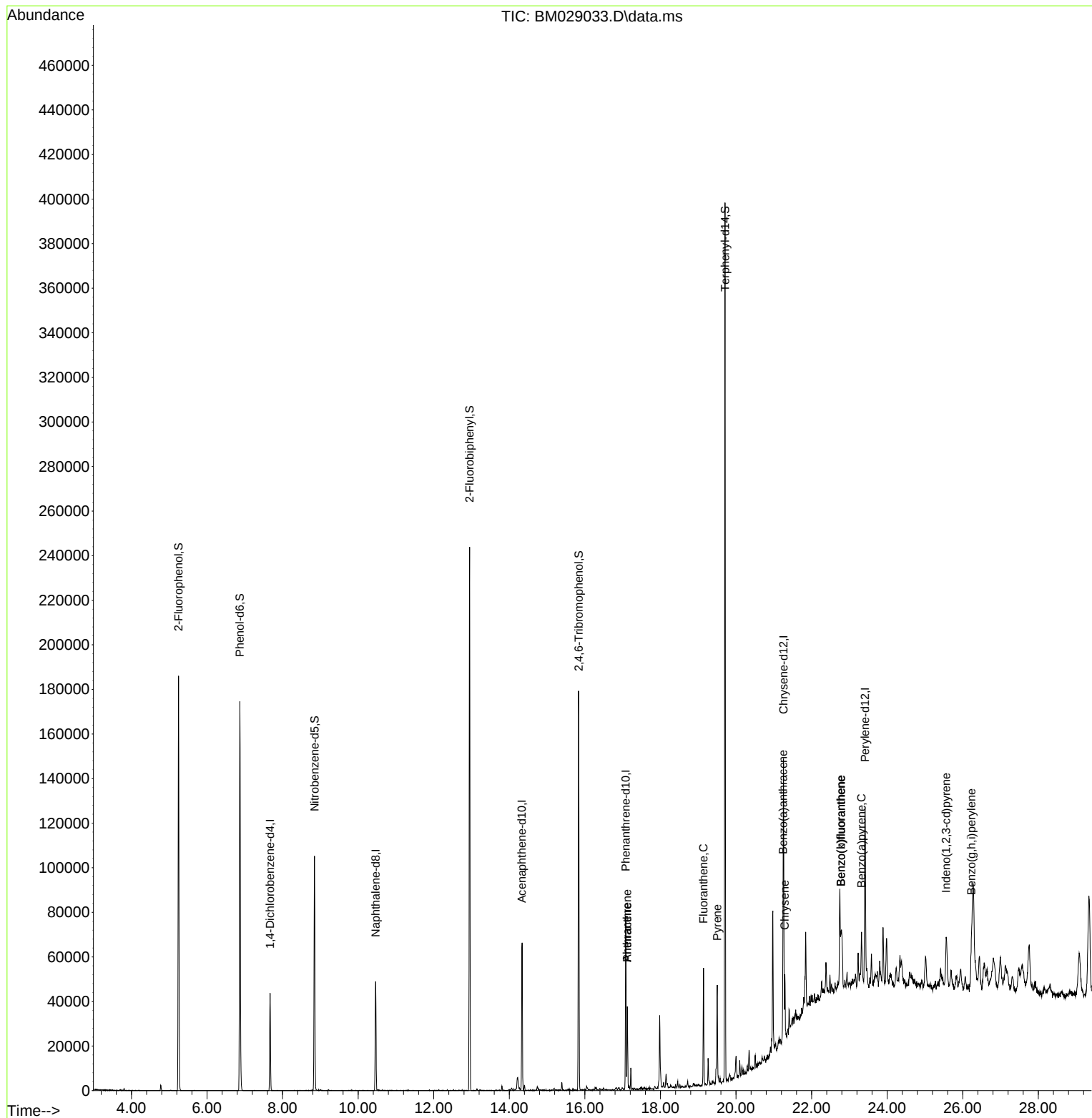
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	10904	20.00	ng	-0.01
21) Naphthalene-d8	10.463	136	39226	20.00	ng	#-0.01
39) Acenaphthene-d10	14.333	164	21665	20.00	ng	-0.02
64) Phenanthrene-d10	17.080	188	44359	20.00	ng	-0.02
76) Chrysene-d12	21.256	240	45065	20.00	ng	#-0.02
86) Perylene-d12	23.415	264	48694	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.245	112	67954	103.30	ng	0.00
7) Phenol-d6	6.869	99	79995	92.06	ng	0.00
23) Nitrobenzene-d5	8.845	82	53335	73.36	ng	-0.01
42) 2,4,6-Tribromophenol	15.839	330	26359	102.66	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	111409	68.46	ng	-0.01
79) Terphenyl-d14	19.709	244	155340	63.65	ng	-0.01
Target Compounds						Qvalue
71) Phenanthrene	17.121	178	20880	7.90	ng	98
72) Anthracene	17.121	178	20880	7.98	ng	98
75) Fluoranthene	19.139	202	28481	9.81	ng	99
78) Pyrene	19.503	202	25645	7.75	ng	99
81) Benzo(a)anthracene	21.244	228	14341	4.59	ng	99
83) Chrysene	21.291	228	13599	4.46	ng	98
87) Indeno(1,2,3-cd)pyrene	25.562	276	9252	2.52	ng	# 89
88) Benzo(b)fluoranthene	22.774	252	24598	7.15	ng	# 92
89) Benzo(k)fluoranthene	22.774	252	24598	7.53	ng	# 92
90) Benzo(a)pyrene	23.321	252	14328	4.56	ng	# 92
92) Benzo(g,h,i)perylene	26.226	276	9266	3.01	ng	# 83

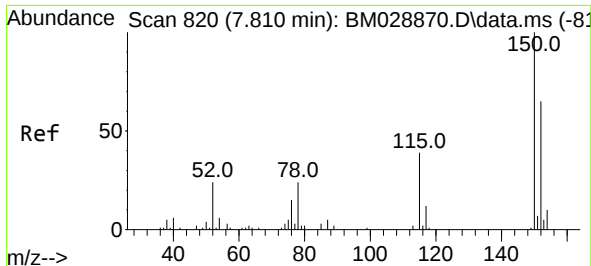
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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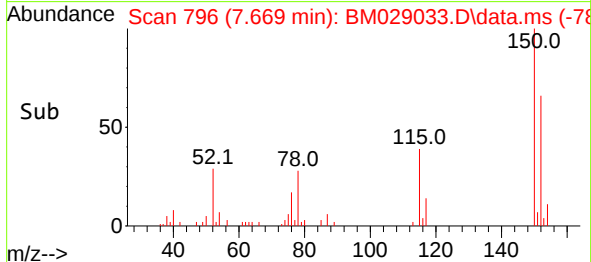
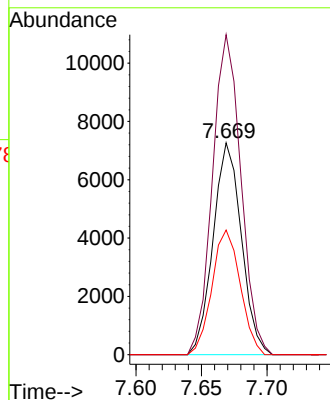
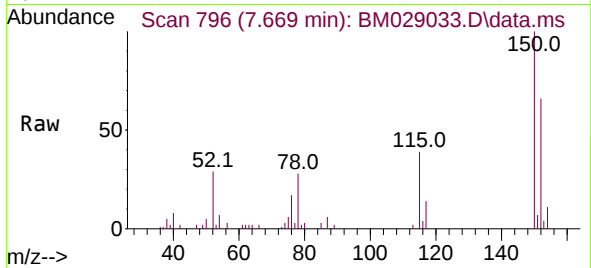




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.669 min Scan# 796
Delta R.T. -0.012 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

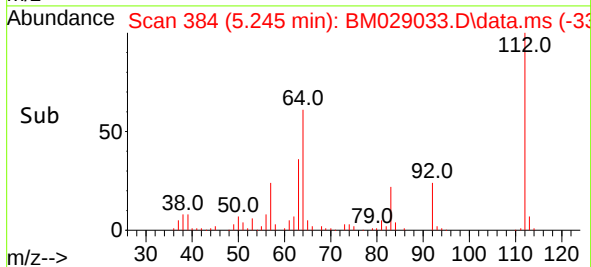
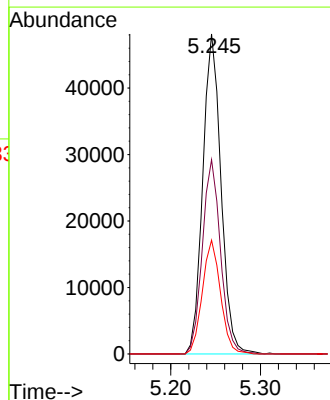
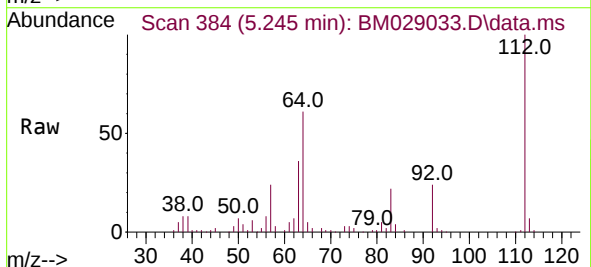
Instrument :
BNA_M
ClientSampled :
FK-PS-01-070

Tgt Ion:152 Resp: 10904
Ion Ratio Lower Upper
152 100
150 151.1 120.6 181.0
115 58.8 47.2 70.8



#5
2-Fluorophenol
Concen: 103.30 ng
RT: 5.245 min Scan# 384
Delta R.T. -0.000 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion:112 Resp: 67954
Ion Ratio Lower Upper
112 100
64 60.7 50.6 76.0
63 35.5 31.0 46.6

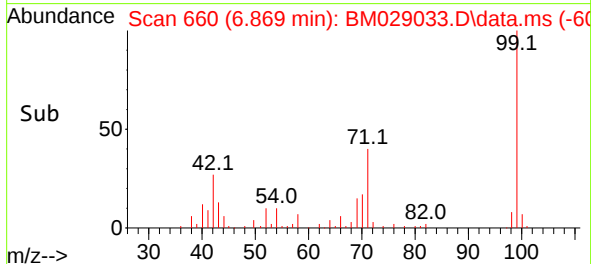
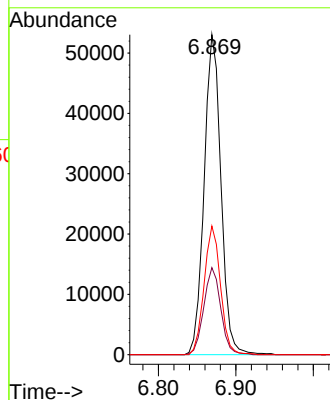
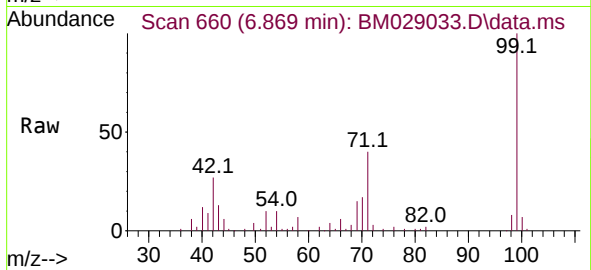




#7
Phenol-d6
Concen: 92.06 ng
RT: 6.869 min Scan# 660
Delta R.T. -0.000 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

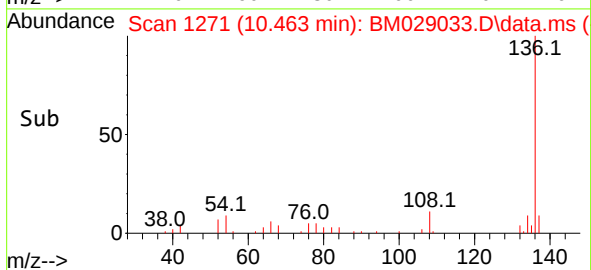
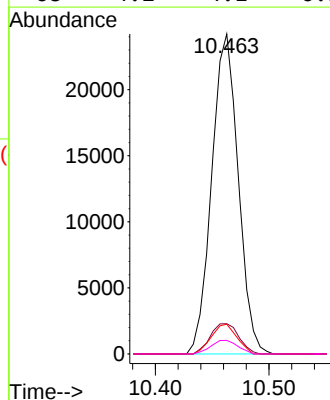
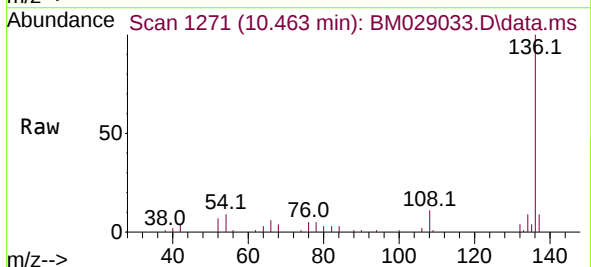
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-070

Tgt Ion: 99 Resp: 79995
Ion Ratio Lower Upper
99 100
42 27.2 13.5 20.3#
71 40.2 39.4 59.0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.463 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion: 136 Resp: 39226
Ion Ratio Lower Upper
136 100
137 9.5 8.6 12.8
54 9.3 4.6 7.0#
68 4.2 4.1 6.1

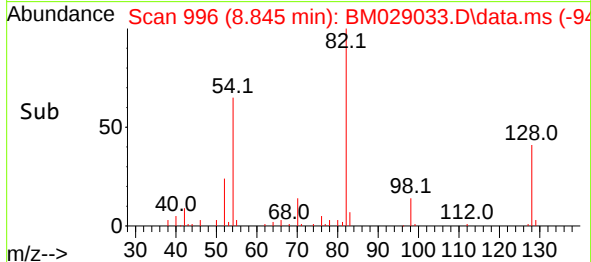
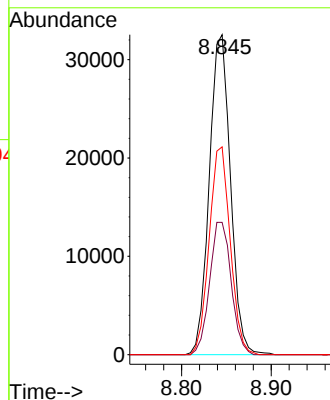
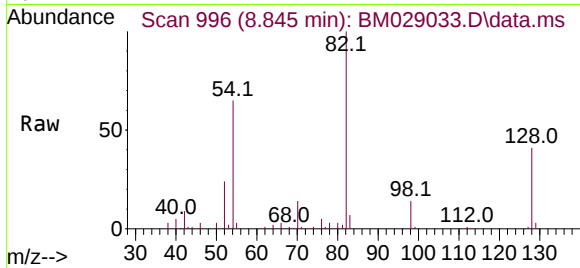




#23
Nitrobenzene-d5
Concen: 73.36 ng
RT: 8.845 min Scan# 996
Delta R.T. -0.012 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

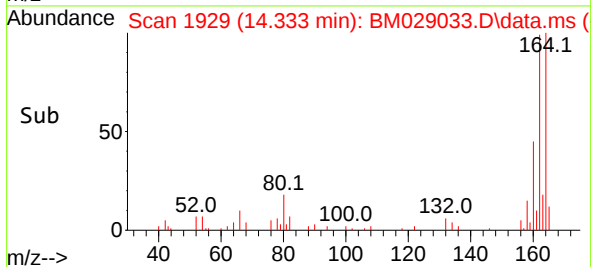
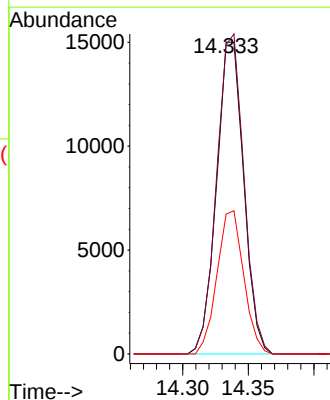
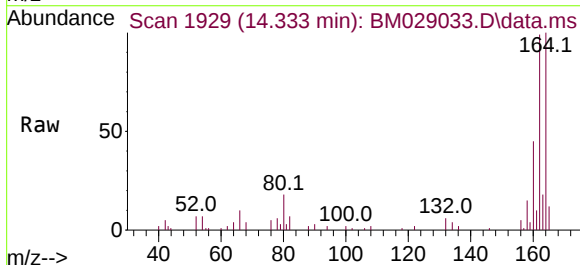
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-070

Tgt Ion: 82 Resp: 53335
Ion Ratio Lower Upper
82 100
128 41.3 27.4 41.0#
54 64.9 31.4 47.0#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.333 min Scan# 1929
Delta R.T. -0.018 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion: 164 Resp: 21665
Ion Ratio Lower Upper
164 100
162 99.1 80.4 120.6
160 44.8 35.9 53.9

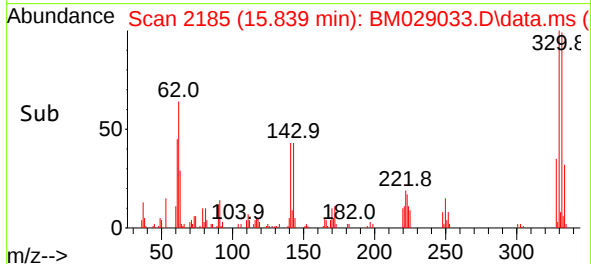
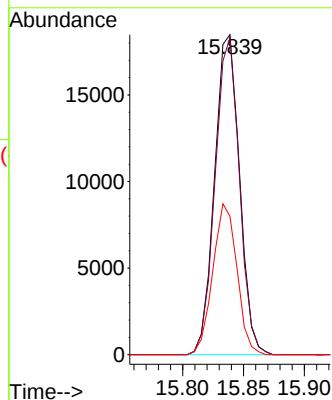
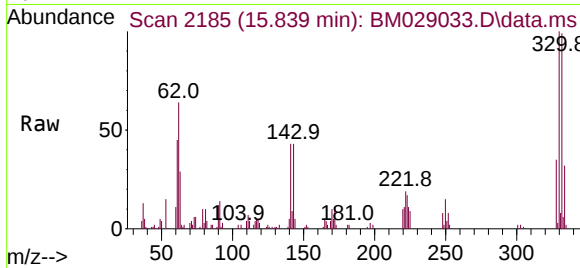




#42
2,4,6-Tribromophenol
Concen: 102.66 ng
RT: 15.839 min Scan# 2185
Delta R.T. -0.006 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

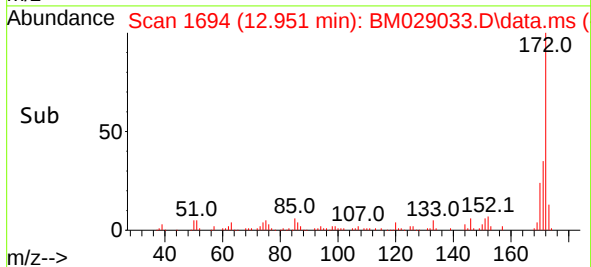
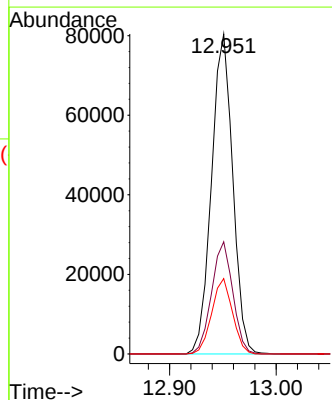
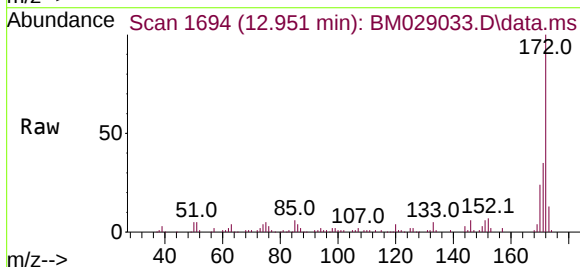
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FK-PS-01-070

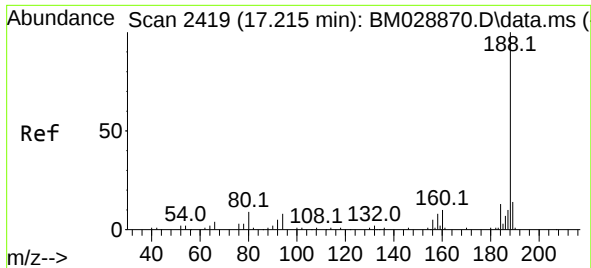
Tgt Ion:330 Resp: 26359
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 45.6 28.4 42.6#



#45
2-Fluorobiphenyl
Concen: 68.46 ng
RT: 12.951 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion:172 Resp: 111409
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 23.6 18.6 27.8

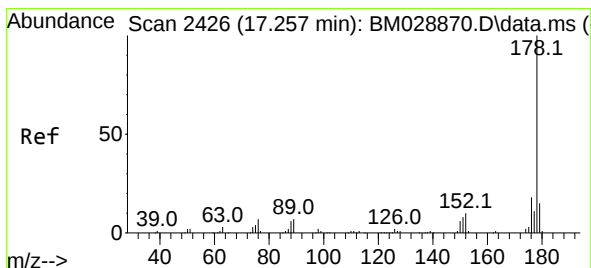
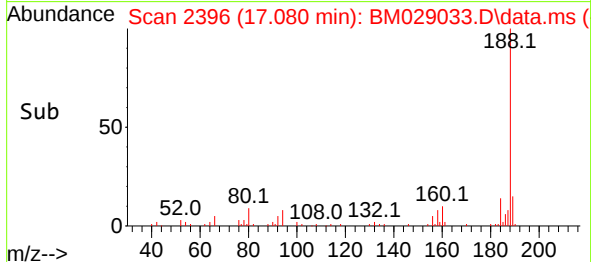
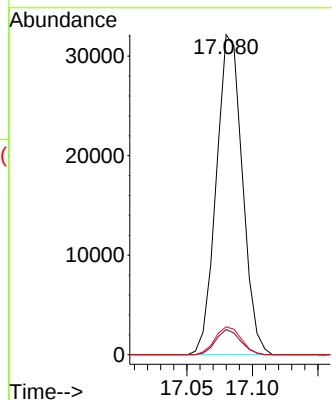
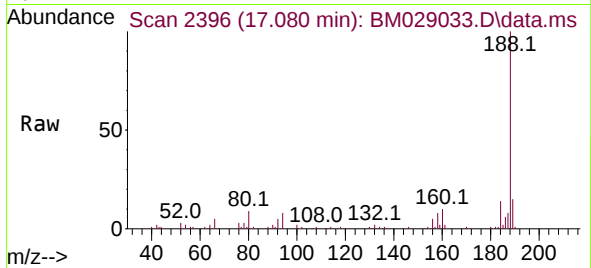




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.080 min Scan# 2396
Delta R.T. -0.018 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

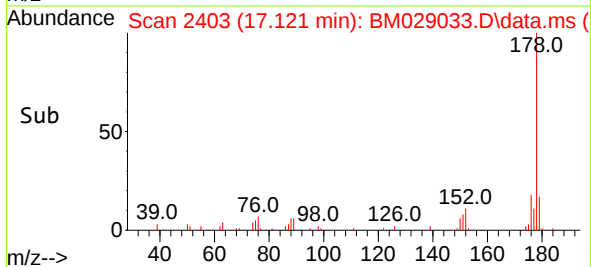
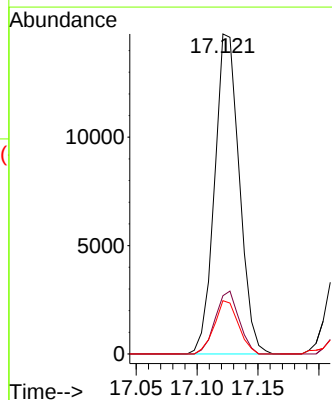
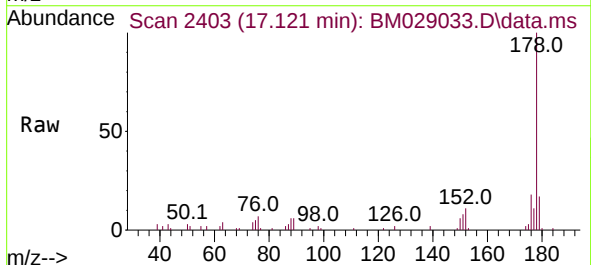
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FK-PS-01-070

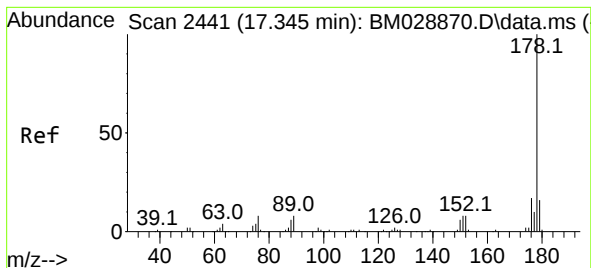
Tgt Ion:188 Resp: 44359
Ion Ratio Lower Upper
188 100
94 7.9 6.2 9.4
80 8.7 7.5 11.3



#71
Phenanthrene
Concen: 7.90 ng
RT: 17.121 min Scan# 2403
Delta R.T. -0.018 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion:178 Resp: 20880
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 16.7 12.2 18.4

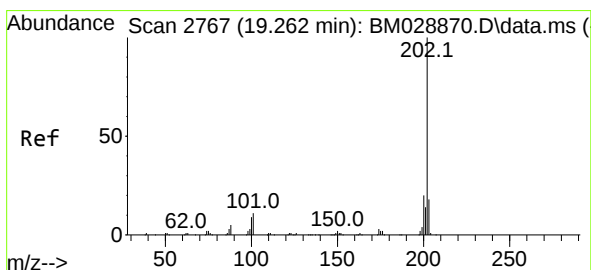
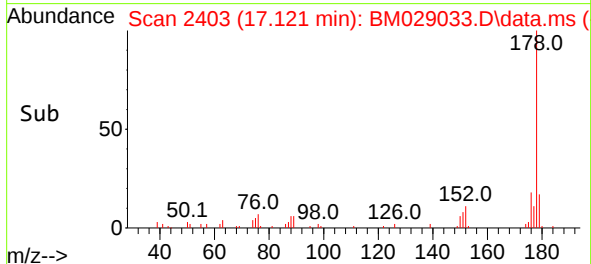
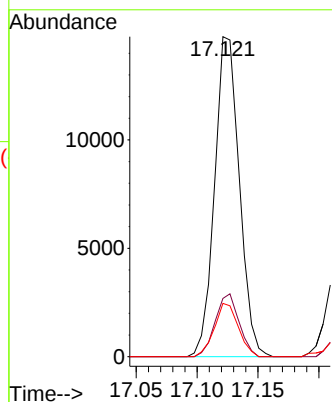
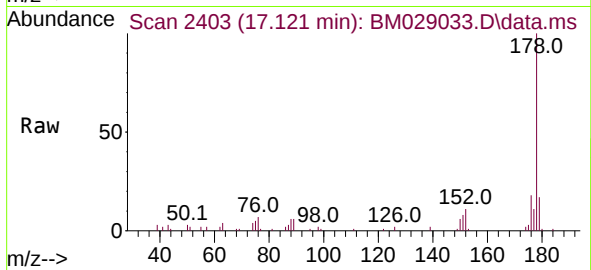




#72
 Anthracene
 Concen: 7.98 ng
 RT: 17.121 min Scan# 2403
 Delta R.T. -0.106 min
 Lab File: BM029033.D
 Acq: 08 Mar 2021 23:46

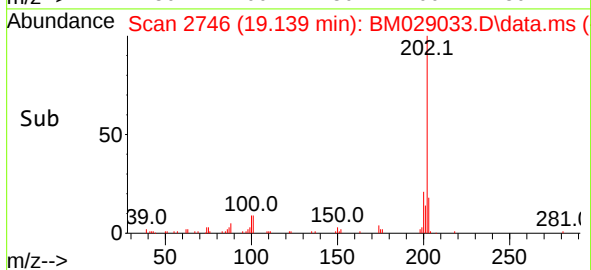
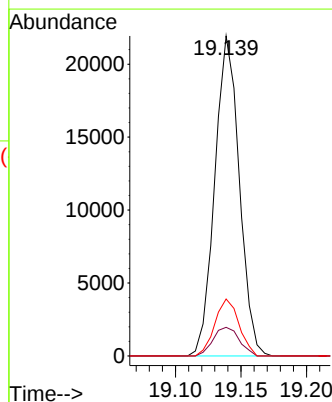
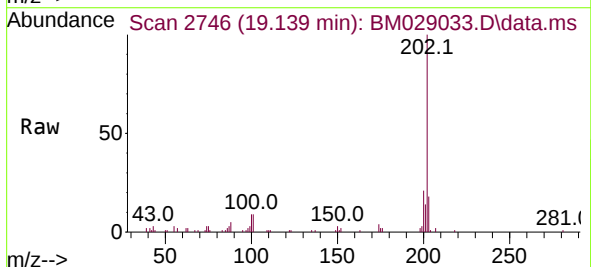
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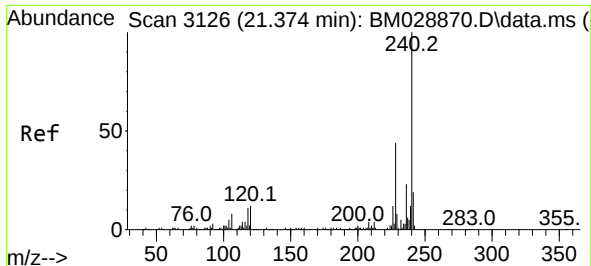
Tgt Ion:178 Resp: 20880
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.0 22.4
 179 16.7 12.5 18.7



#75
 Fluoranthene
 Concen: 9.81 ng
 RT: 19.139 min Scan# 2746
 Delta R.T. -0.012 min
 Lab File: BM029033.D
 Acq: 08 Mar 2021 23:46

Tgt Ion:202 Resp: 28481
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 28.5
 203 17.8 0.0 37.3

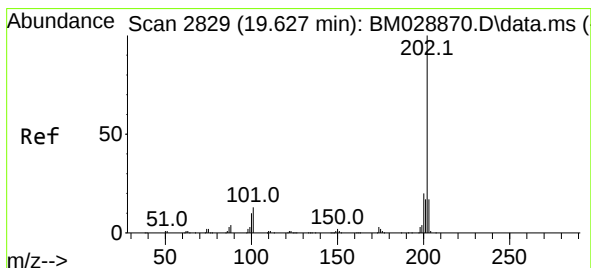
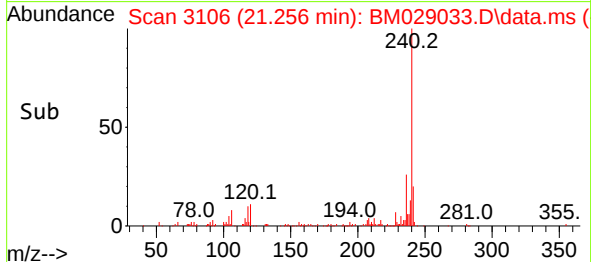
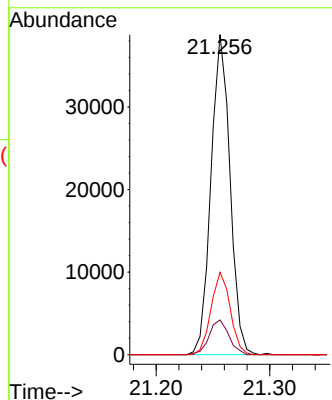
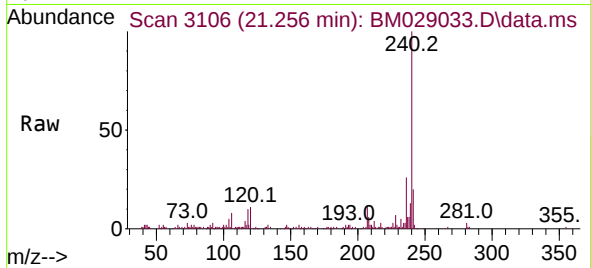




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.256 min Scan# 3106
Delta R.T. -0.018 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

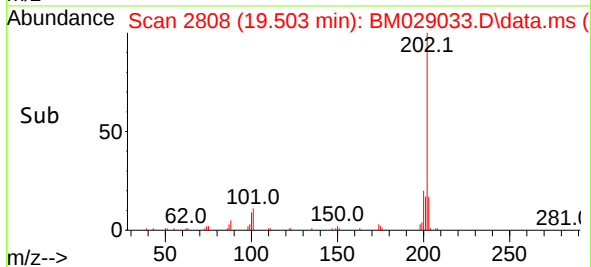
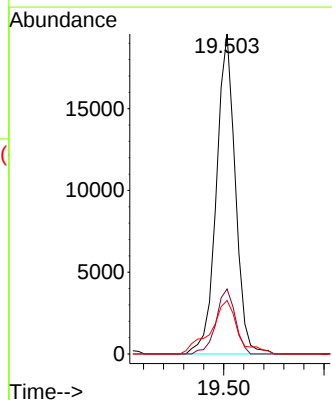
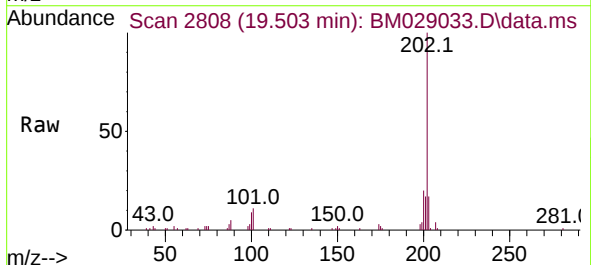
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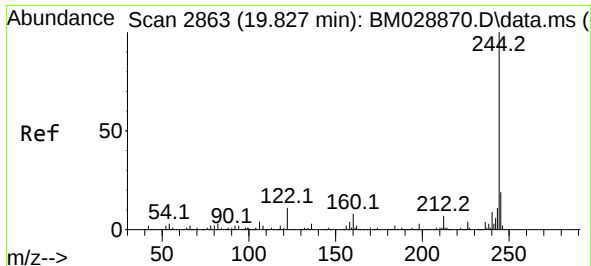
Tgt Ion:240 Resp: 45065
Ion Ratio Lower Upper
240 100
120 10.9 6.4 9.6#
236 25.7 20.1 30.1



#78
Pyrene
Concen: 7.75 ng
RT: 19.503 min Scan# 2808
Delta R.T. -0.012 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion:202 Resp: 25645
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 16.7 13.8 20.6

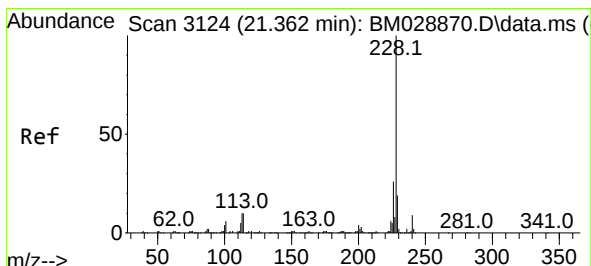
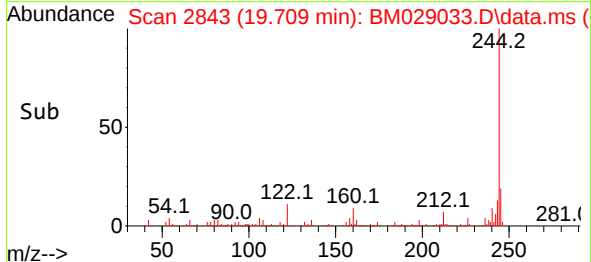
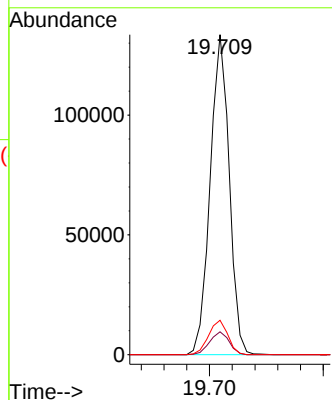
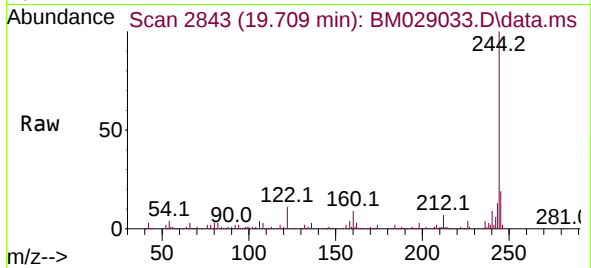




#79
 Terphenyl-d14
 Concen: 63.65 ng
 RT: 19.709 min Scan# 2843
 Delta R.T. -0.012 min
 Lab File: BM029033.D
 Acq: 08 Mar 2021 23:46

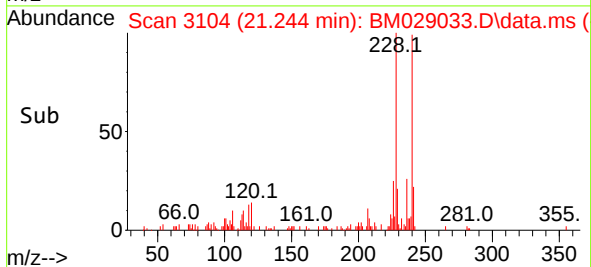
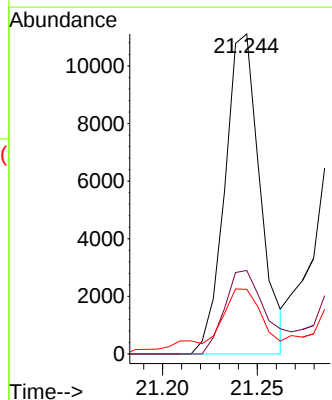
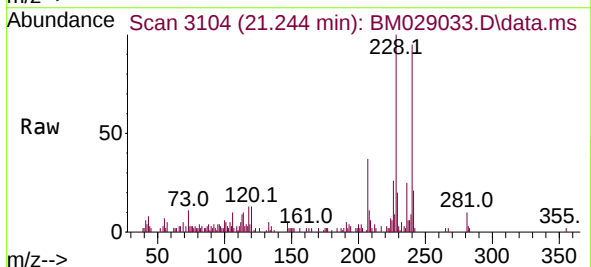
Instrument :
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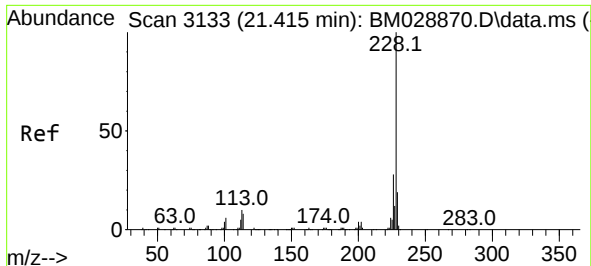
Tgt Ion:244 Resp: 155340
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.7 6.5 9.7#



#81
 Benzo(a)anthracene
 Concen: 4.59 ng
 RT: 21.244 min Scan# 3104
 Delta R.T. -0.012 min
 Lab File: BM029033.D
 Acq: 08 Mar 2021 23:46

Tgt Ion:228 Resp: 14341
 Ion Ratio Lower Upper
 228 100
 226 26.1 21.1 31.7
 229 20.2 15.7 23.5

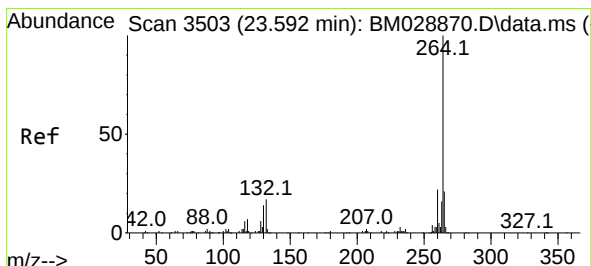
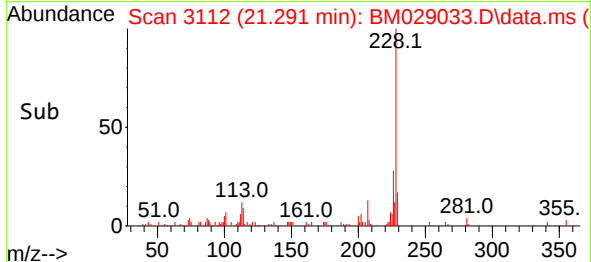
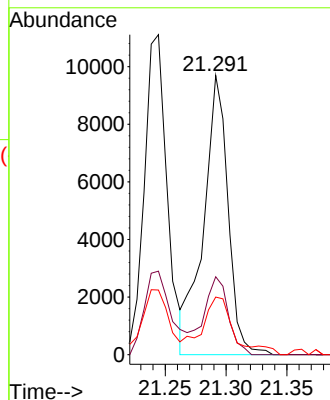
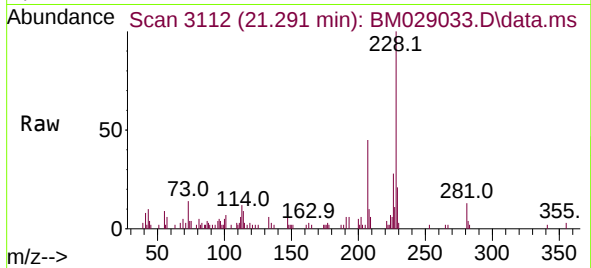




#83
Chrysene
Concen: 4.46 ng
RT: 21.291 min Scan# 3112
Delta R.T. -0.018 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

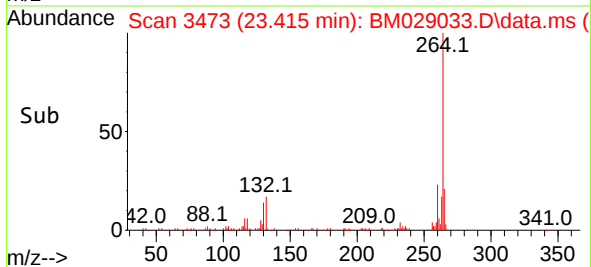
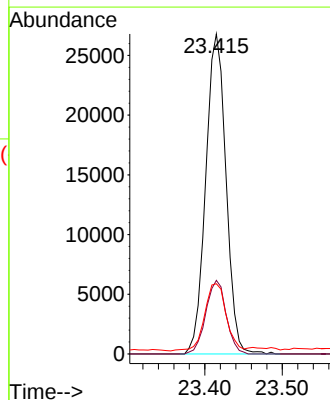
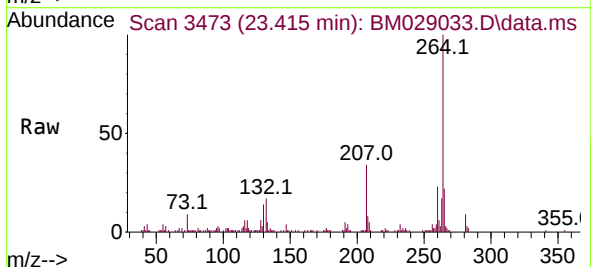
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-070

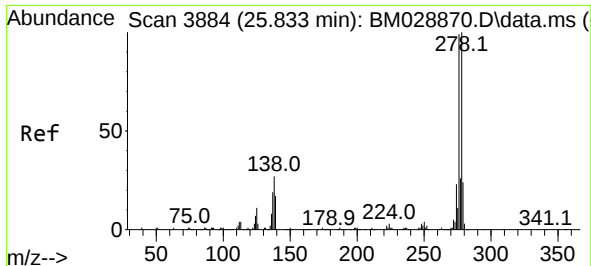
Tgt Ion:228	Resp:	13599
Ion Ratio	Lower	Upper
228	100	
226	27.9	23.4 35.0
229	20.6	15.7 23.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.415 min Scan# 3473
Delta R.T. -0.024 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion:264	Resp:	48694
Ion Ratio	Lower	Upper
264	100	
260	23.0	19.0 28.4
265	21.9	17.7 26.5

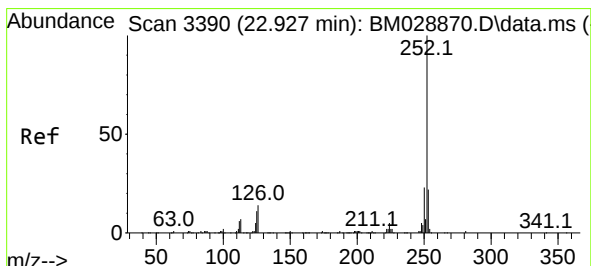
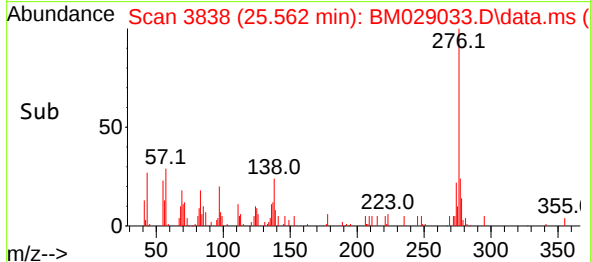
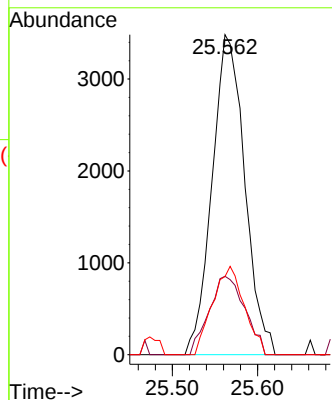
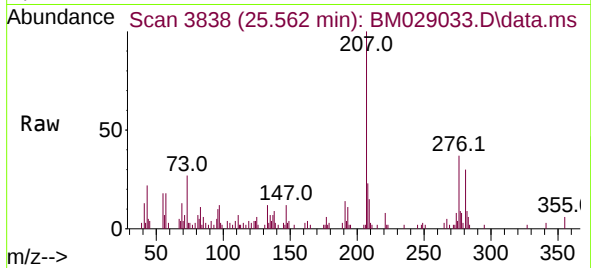




#87
Indeno(1,2,3-cd)pyrene
Concen: 2.52 ng
RT: 25.562 min Scan# 3838
Delta R.T. -0.041 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

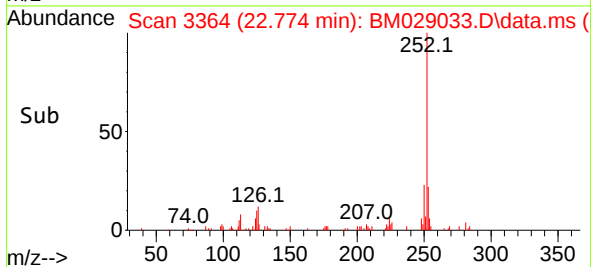
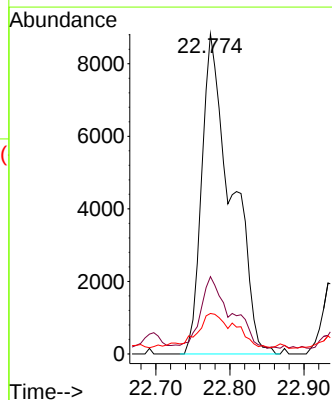
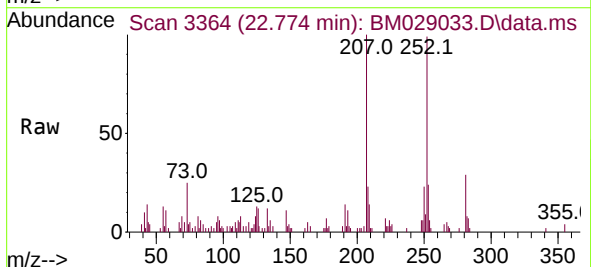
Instrument :
BNA_M
ClientSampleId :
FK-PS-01-070

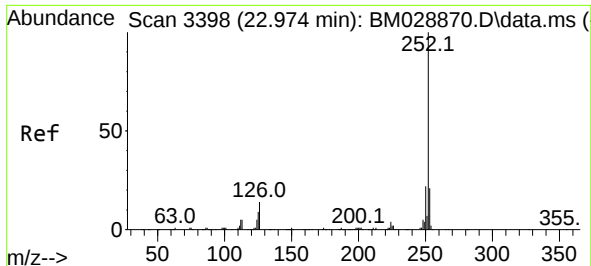
Tgt Ion:276 Resp: 9252
Ion Ratio Lower Upper
276 100
138 26.9 14.2 21.4#
277 26.8 19.8 29.8



#88
Benzo(b)fluoranthene
Concen: 7.15 ng
RT: 22.774 min Scan# 3364
Delta R.T. -0.018 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Tgt Ion:252 Resp: 24598
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 12.6 5.7 8.5#





#89

Benzo(k)fluoranthene

Concen: 7.53 ng

RT: 22.774 min Scan# 3364

Delta R.T. -0.059 min

Lab File: BM029033.D

Acq: 08 Mar 2021 23:46

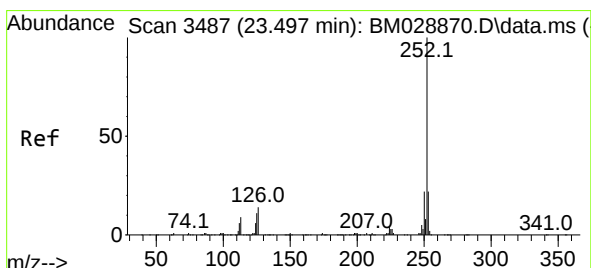
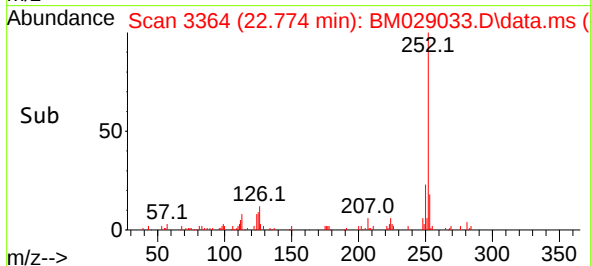
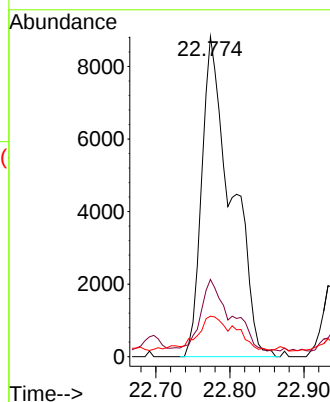
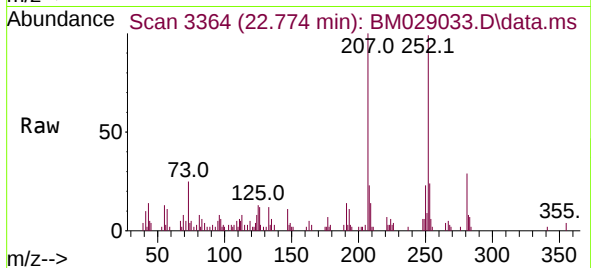
Tgt Ion:	252	Resp:	24598
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.4	26.0
125	12.6	5.6	8.4#

Instrument :

BNA_M

ClientSampleId :

FK-PS-01-070



#90

Benzo(a)pyrene

Concen: 4.56 ng

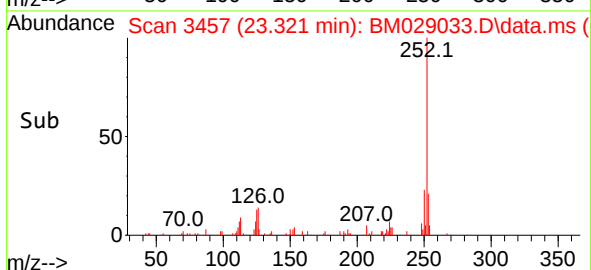
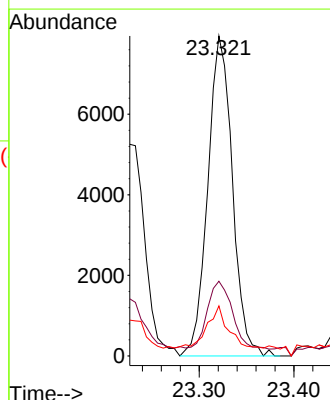
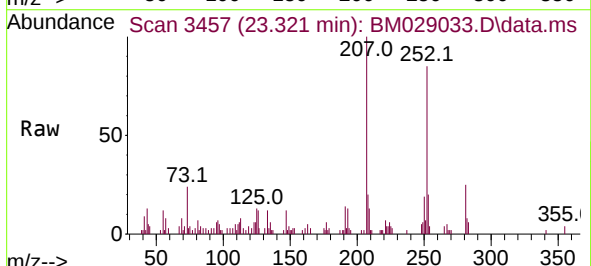
RT: 23.321 min Scan# 3457

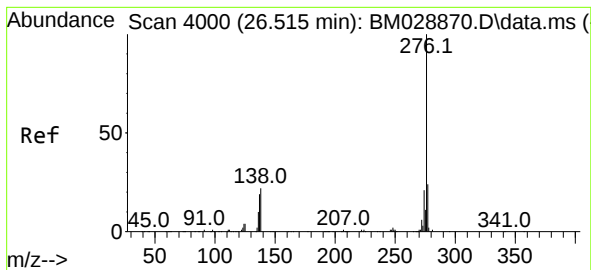
Delta R.T. -0.024 min

Lab File: BM029033.D

Acq: 08 Mar 2021 23:46

Tgt Ion:	252	Resp:	14328
Ion Ratio	Lower	Upper	
252	100		
253	23.4	17.4	26.2
125	15.7	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 3.01 ng
RT: 26.226 min Scan# 3951
Delta R.T. -0.035 min
Lab File: BM029033.D
Acq: 08 Mar 2021 23:46

Instrument :
BNA_M
ClientSampleId :
FK-PS-01-070

Tgt Ion:276 Resp: 9266
Ion Ratio Lower Upper
276 100
277 29.1 18.6 28.0#
138 25.5 12.2 18.2#

