

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029628.D
 Acq On : 24 Apr 2021 00:22
 Operator : CG/JU
 Sample : M2117-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-042121

Manual Integrations
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Quant Time: Apr 26 02:11:50 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 22 15:55:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	97221	20.00	ng	0.00
21) Naphthalene-d8	10.416	136	347036	20.00	ng	0.00
39) Acenaphthene-d10	14.281	164	229145	20.00	ng	0.00
64) Phenanthrene-d10	17.028	188	491055	20.00	ng	0.00
76) Chrysene-d12	21.210	240	556548	20.00	ng	0.00
86) Perylene-d12	23.404	264	581191	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	89170	18.39	ng	0.00
7) Phenol-d6	6.816	99	106661	14.73	ng	0.00
23) Nitrobenzene-d5	8.787	82	71468	10.61	ng	0.00
42) 2,4,6-Tribromophenol	15.775	330	51519	16.26	ng	0.00
45) 2-Fluorobiphenyl	12.898	172	199834	11.84	ng	0.00
79) Terphenyl-d14	19.657	244	329028	11.21	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.069	178	215055	7.61	ng	99
72) Anthracene	17.157	178	103033	3.69	ng	97
75) Fluoranthene	19.086	202	482231	14.06	ng	100
78) Pyrene	19.451	202	461117	12.88	ng	99
81) Benzo(a)anthracene	21.192	228	318170	8.64	ng	97
83) Chrysene	21.245	228	288601m	7.98	ng	
87) Indeno(1,2,3-cd)pyrene	25.603	276	180654	4.02	ng	96
88) Benzo(b)fluoranthene	22.745	252	415571m	10.96	ng	
89) Benzo(k)fluoranthene	22.786	252	147691m	3.89	ng	
90) Benzo(a)pyrene	23.309	252	277073	7.79	ng	# 94
92) Benzo(g,h,i)perylene	26.280	276	177319	4.95	ng	99

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

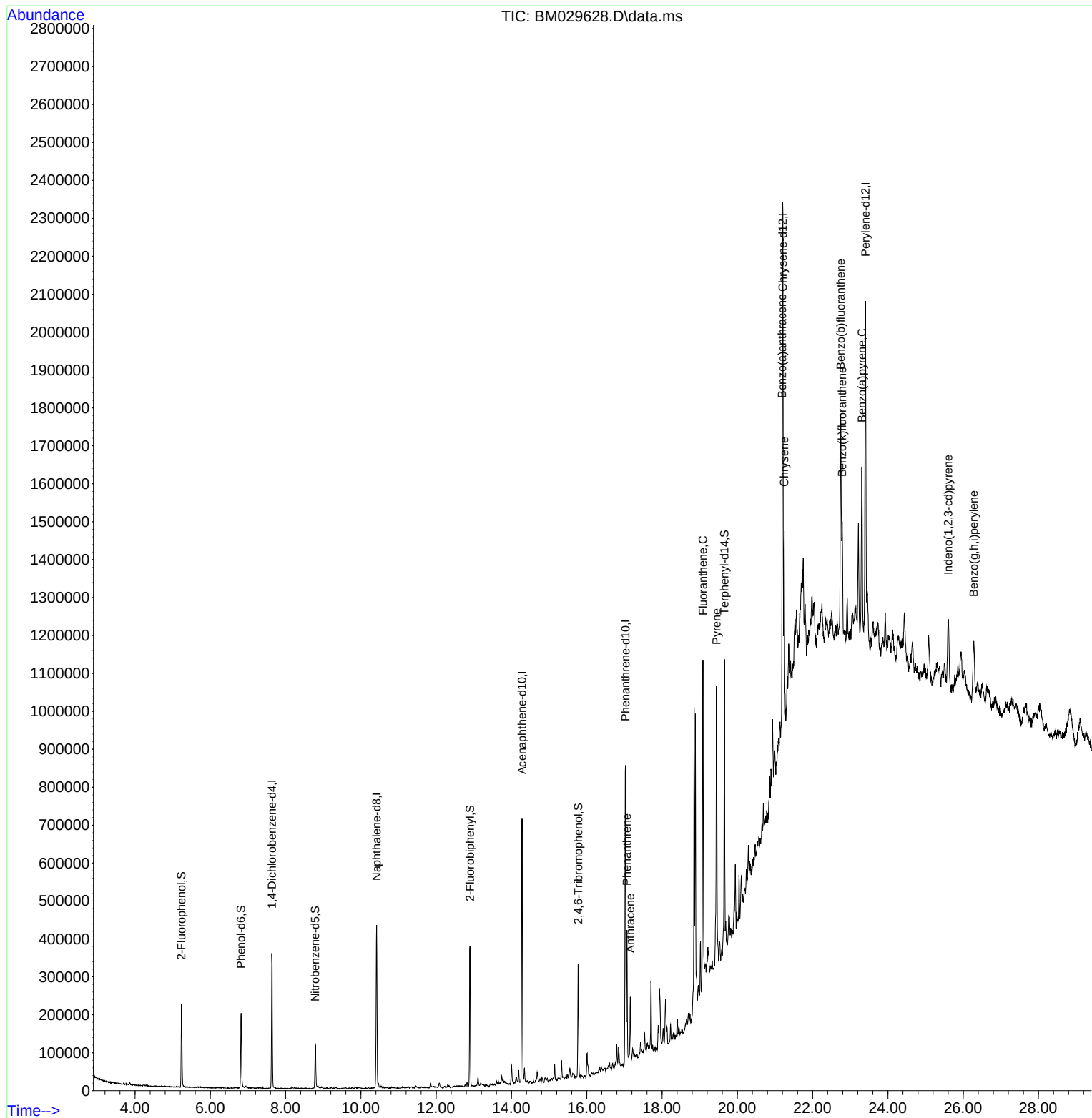
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029628.D
Acq On : 24 Apr 2021 00:22
Operator : CG/JU
Sample : M2117-01 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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BNA_M
ClientSampleId :
PL-01-042121

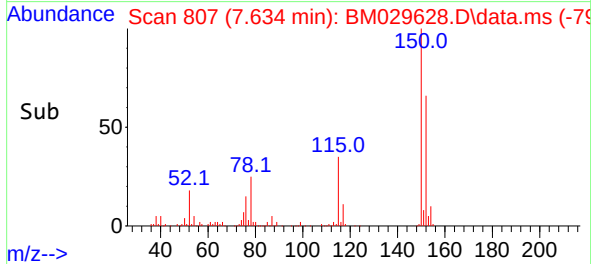
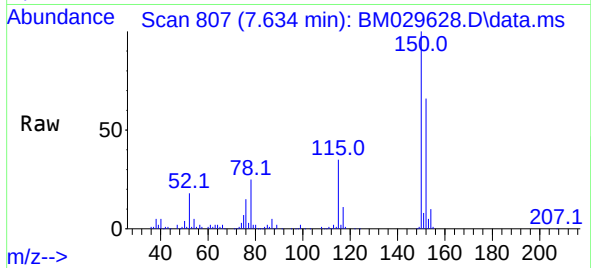
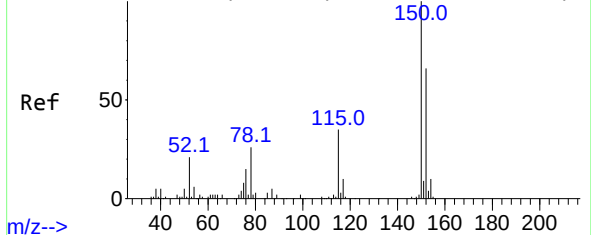
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Quant Time: Apr 26 02:11:50 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 22 15:55:11 2021
Response via : Initial Calibration

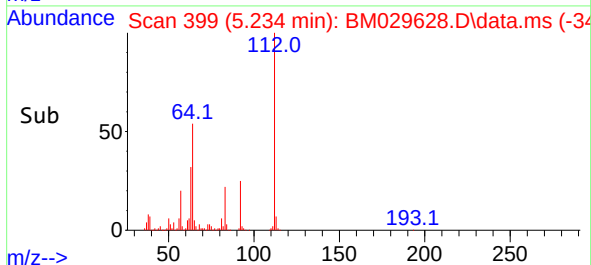
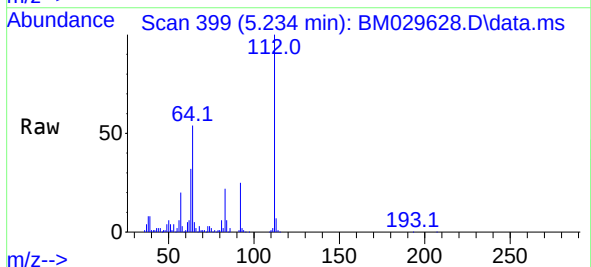
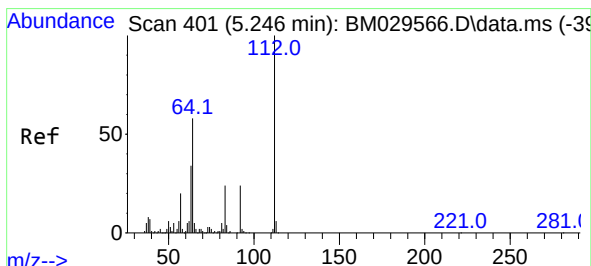
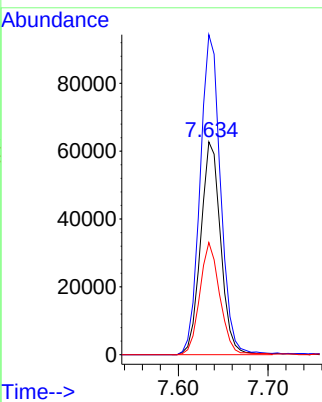


Abundance Scan 810 (7.651 min): BM029566.D\data.ms (-80



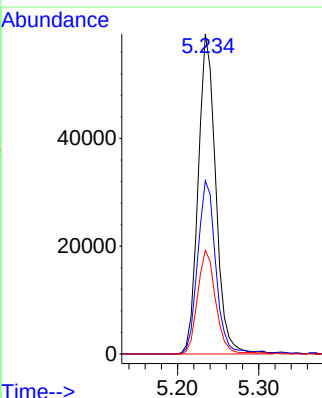
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:	152	Resp:	97221
Ion	Ratio	Lower	Upper
152	100		
150	150.4	125.9	188.9
115	52.7	44.6	67.0



#5
2-Fluorophenol
Concen: 18.39 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

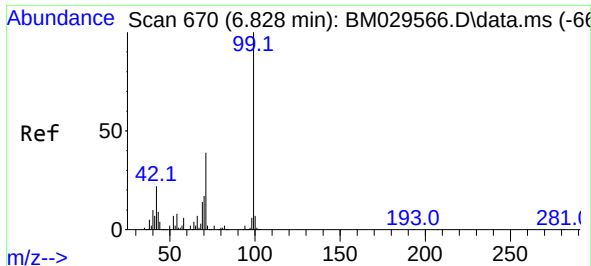
Tgt Ion:	112	Resp:	89170
Ion	Ratio	Lower	Upper
112	100		
64	54.2	47.1	70.7
63	32.4	27.3	40.9



Instrument :
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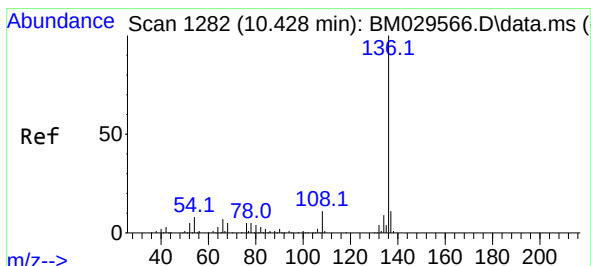
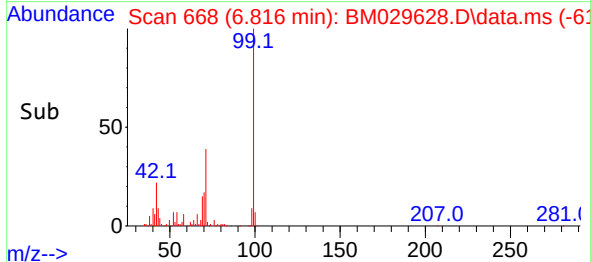
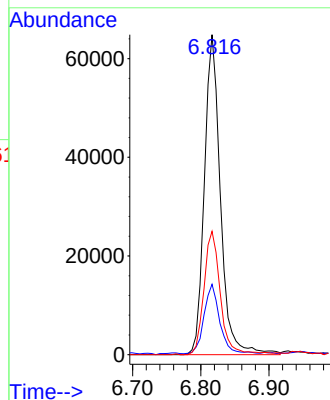
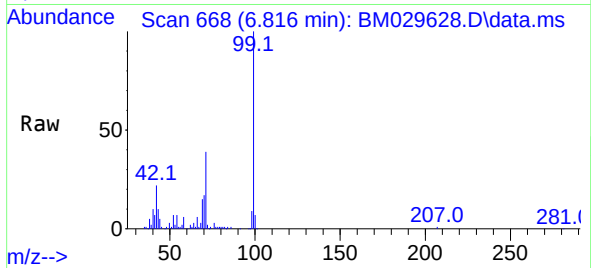
#7
Phenol-d6
Concen: 14.73 ng
RT: 6.816 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:	99	Resp:	106661
Ion	Ratio	Lower	Upper
99	100		
42	22.0	18.0	27.0
71	38.6	30.9	46.3

Instrument :
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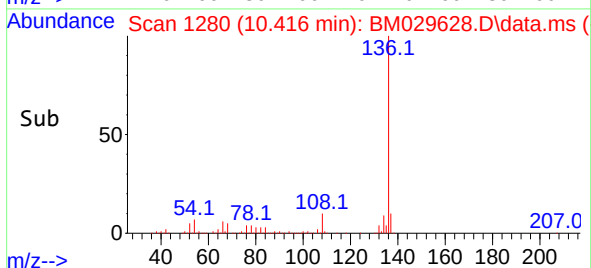
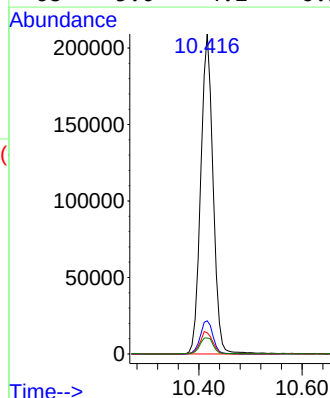
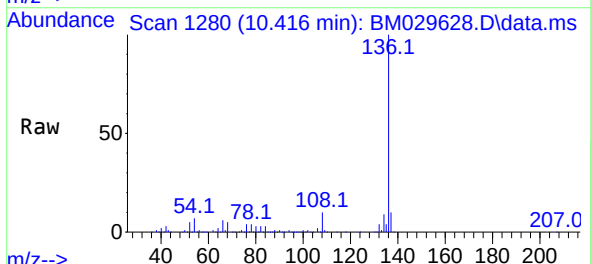
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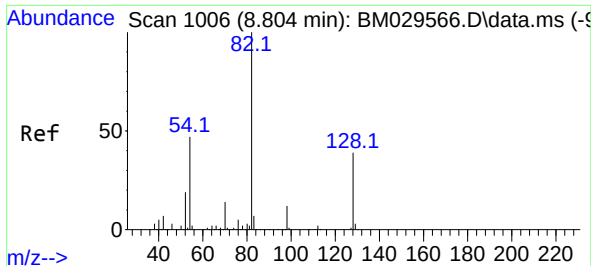
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.416 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:	136	Resp:	347036
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.4	12.6
54	6.6	5.5	8.3
68	5.0	4.2	6.2





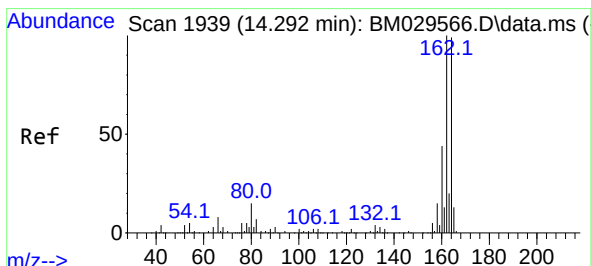
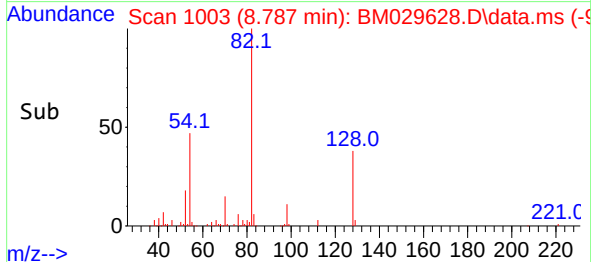
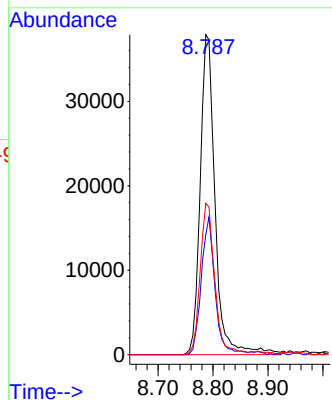
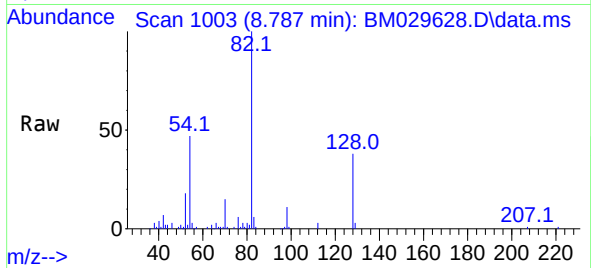
#23
Nitrobenzene-d5
Concen: 10.61 ng
RT: 8.787 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:	82	Resp:	71468
Ion Ratio	Lower	Upper	
82	100		
128	37.5	31.1	46.7
54	47.3	37.3	55.9

Instrument :
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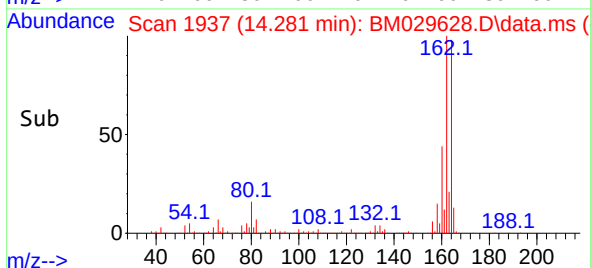
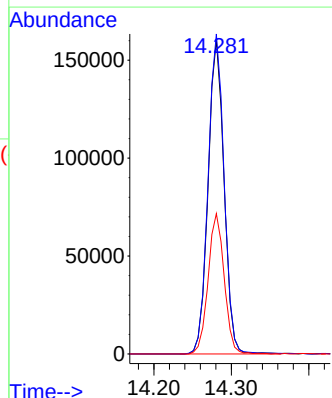
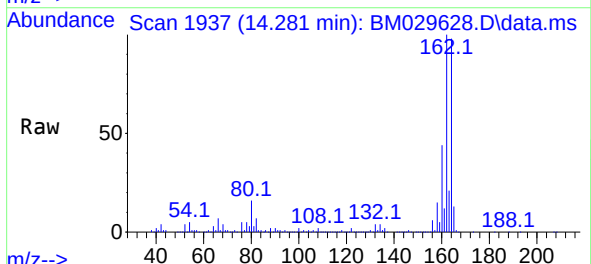
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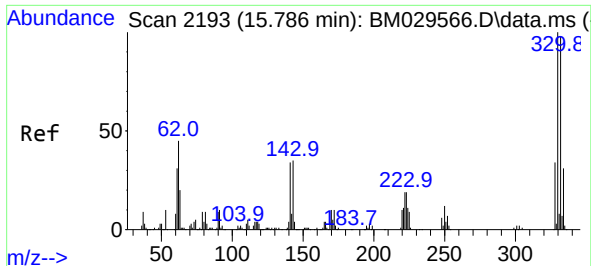
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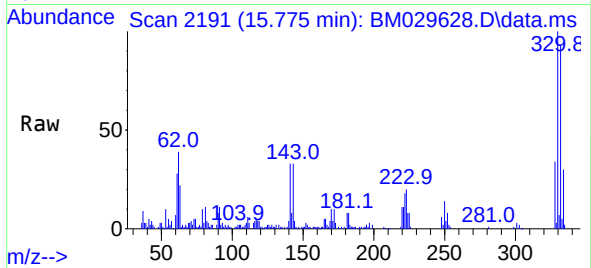
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.281 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:	164	Resp:	229145
Ion Ratio	Lower	Upper	
164	100		
162	101.9	83.4	125.0
160	44.7	37.2	55.8

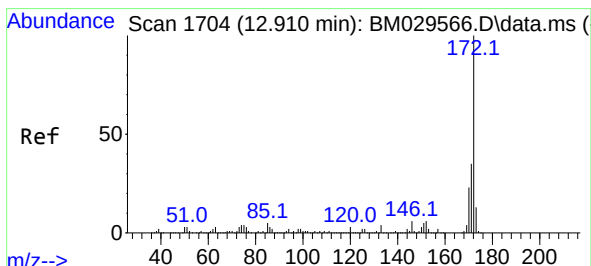
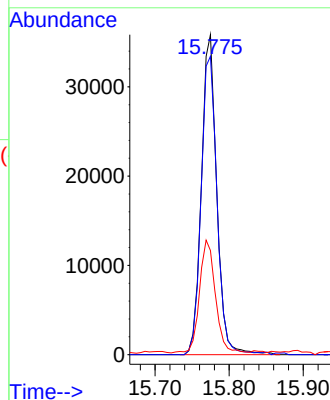
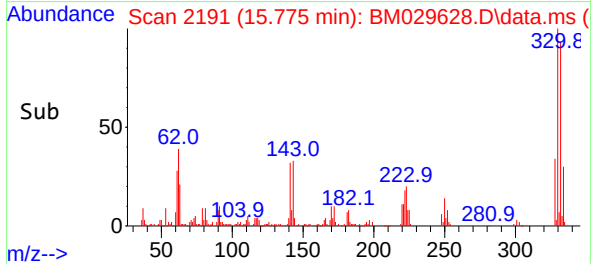




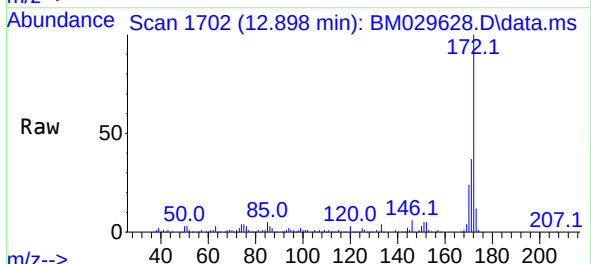
#42
2,4,6-Tribromophenol
Concen: 16.26 ng
RT: 15.775 min Scan# 2191
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22



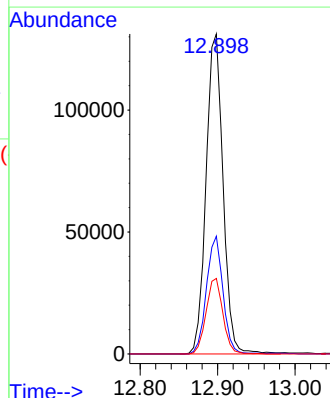
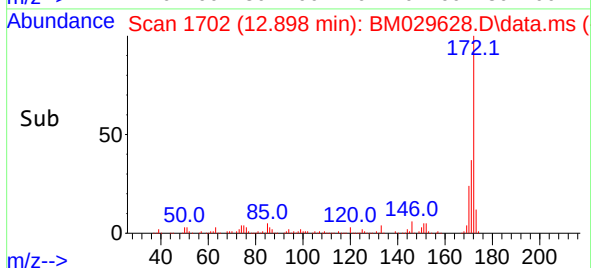
Tgt Ion:330 Resp: 51519
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 36.5 30.2 45.2



#45
2-Fluorobiphenyl
Concen: 11.84 ng
RT: 12.898 min Scan# 1702
Delta R.T. 0.000 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22



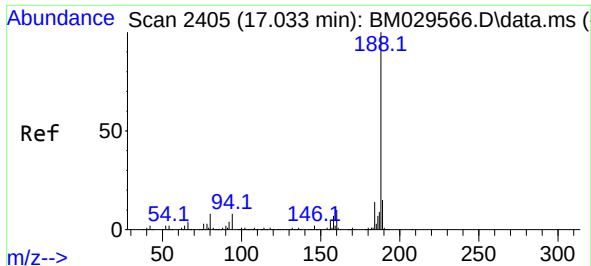
Tgt Ion:172 Resp: 199834
Ion Ratio Lower Upper
172 100
171 36.8 28.6 43.0
170 23.6 18.4 27.6



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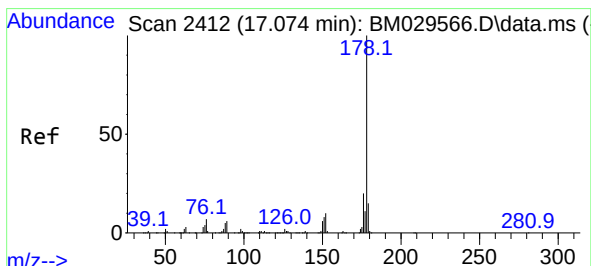
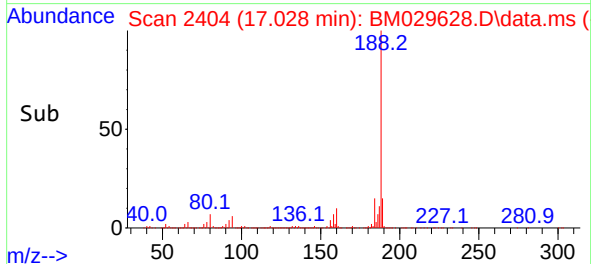
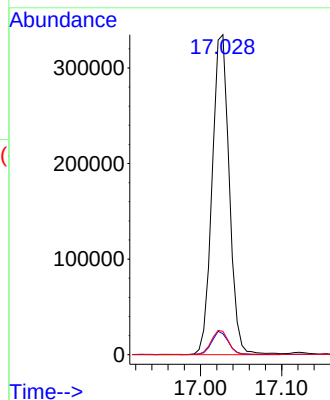
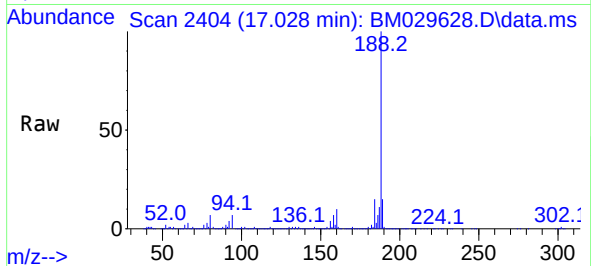
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.028 min Scan# 2404
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:	188	Resp:	491055
Ion	Ratio	Lower	Upper
188	100		
94	6.5	6.0	9.0
80	7.3	6.6	9.8

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BNA_M
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PL-01-042121

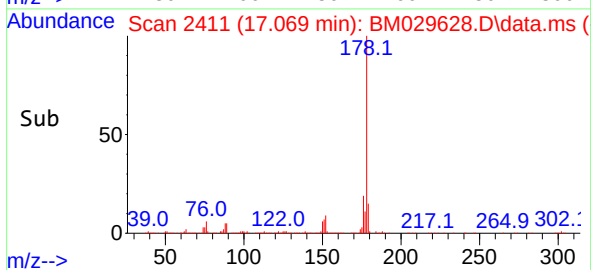
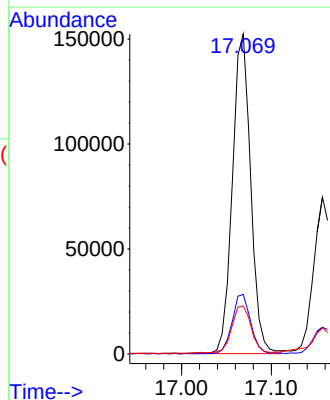
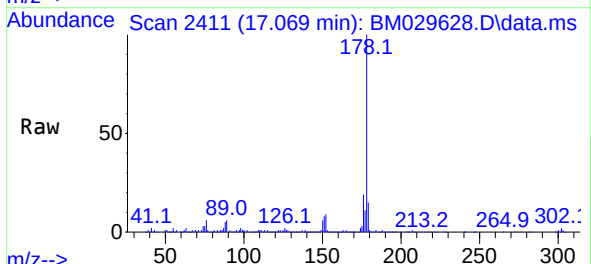
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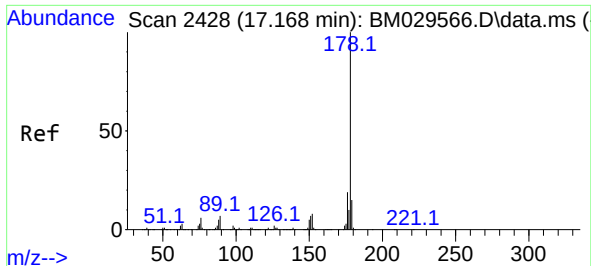
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#71
Phenanthrene
Concen: 7.61 ng
RT: 17.069 min Scan# 2411
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:	178	Resp:	215055
Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.0
179	15.0	12.2	18.4





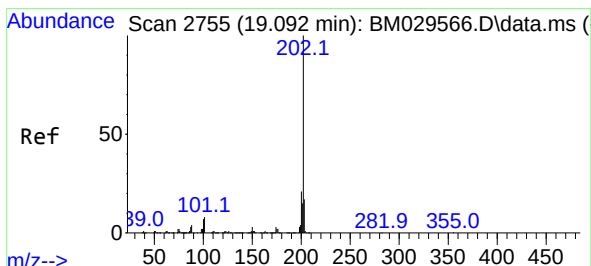
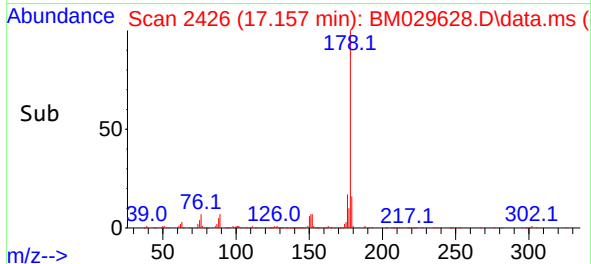
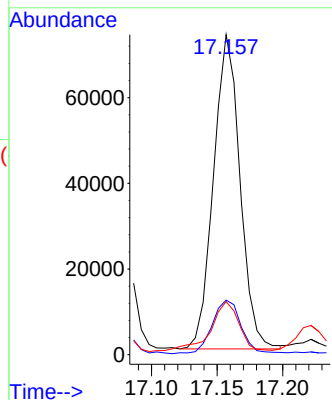
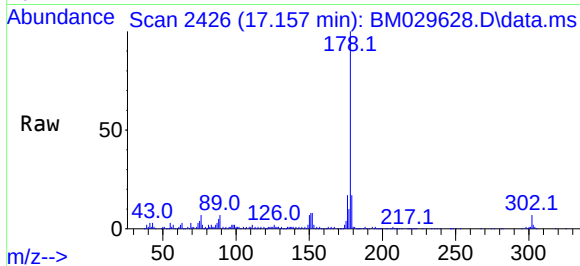
#72
 Anthracene
 Concen: 3.69 ng
 RT: 17.157 min Scan# 2426
 Delta R.T. 0.000 min
 Lab File: BM029628.D
 Acq: 24 Apr 2021 00:22

Tgt Ion:	178	Resp:	103033
Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.0	22.4
179	16.6	12.5	18.7

Instrument :
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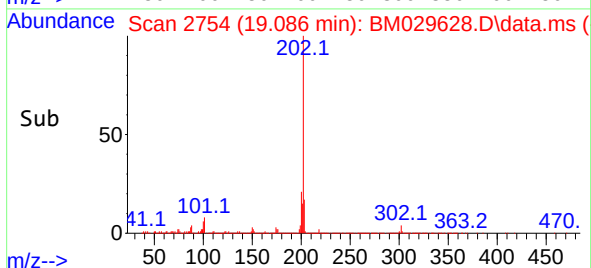
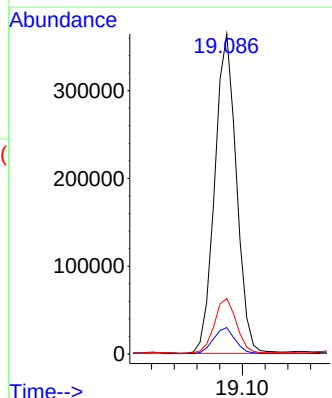
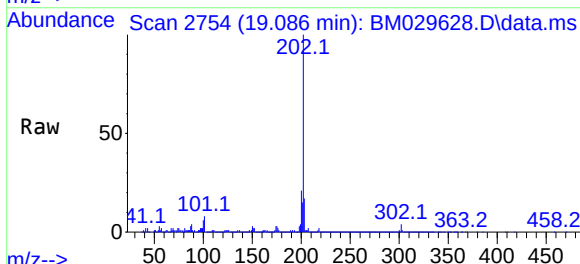
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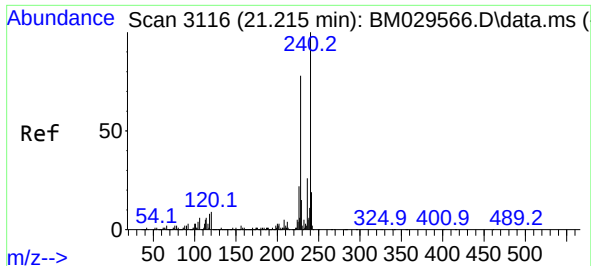
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#75
 Fluoranthene
 Concen: 14.06 ng
 RT: 19.086 min Scan# 2754
 Delta R.T. 0.006 min
 Lab File: BM029628.D
 Acq: 24 Apr 2021 00:22

Tgt Ion:	202	Resp:	482231
Ion	Ratio	Lower	Upper
202	100		
101	8.3	0.0	28.6
203	17.3	0.0	37.3





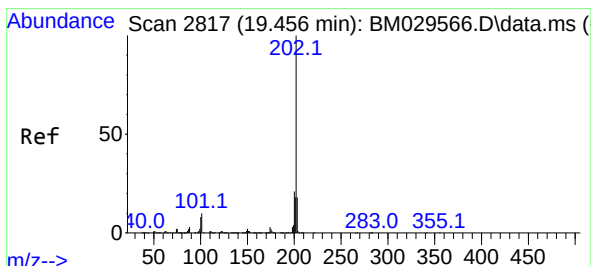
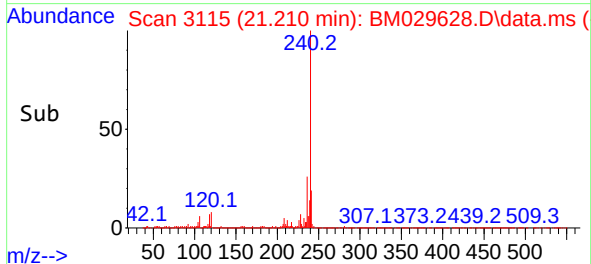
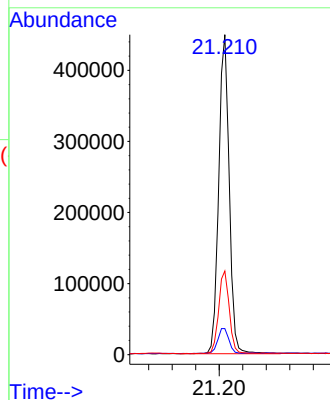
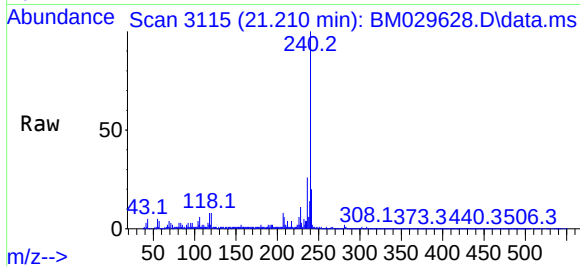
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.210 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:240 Resp: 556548
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 26.2 21.0 31.4

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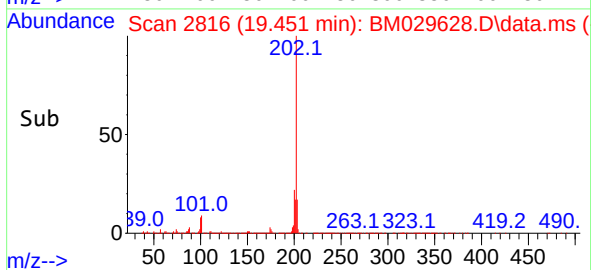
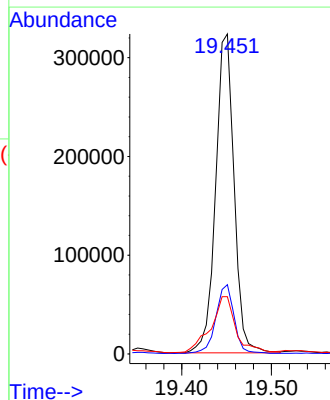
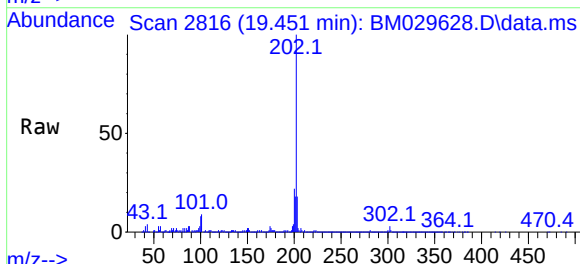
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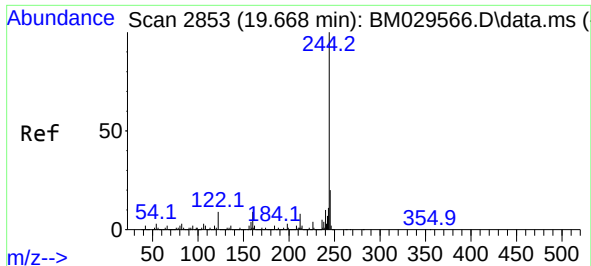
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#78
Pyrene
Concen: 12.88 ng
RT: 19.451 min Scan# 2816
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:202 Resp: 461117
Ion Ratio Lower Upper
202 100
200 21.7 17.3 25.9
203 17.9 13.9 20.9





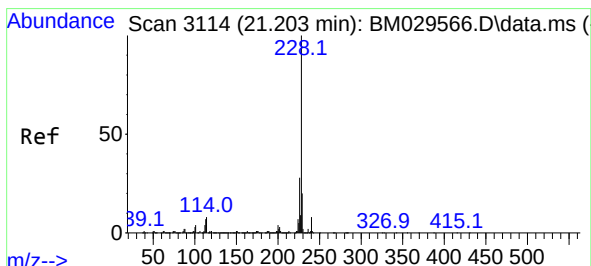
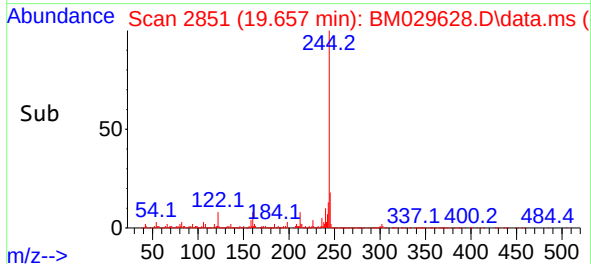
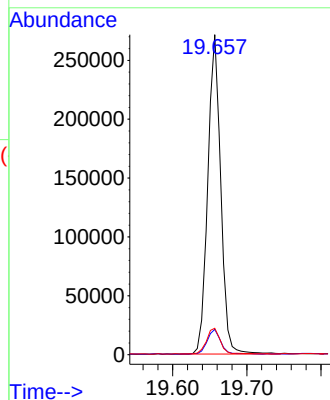
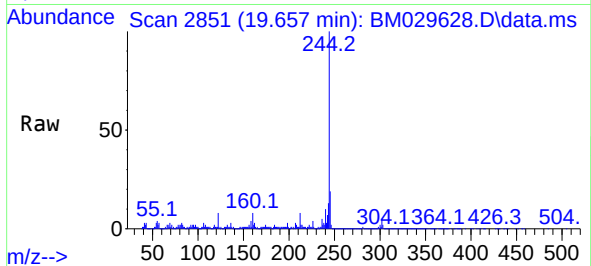
#79
 Terphenyl-d14
 Concen: 11.21 ng
 RT: 19.657 min Scan# 2851
 Delta R.T. 0.000 min
 Lab File: BM029628.D
 Acq: 24 Apr 2021 00:22

Tgt Ion:244 Resp: 329028
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.2 6.9 10.3

Instrument :
 BNA_M
 ClientSampleId :
 PL-01-042121

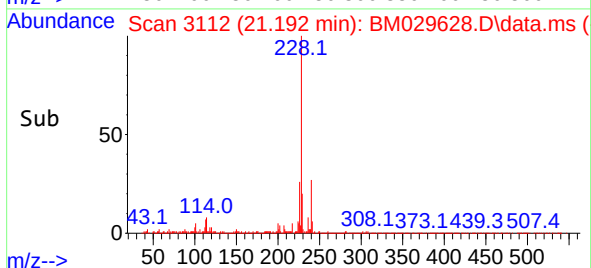
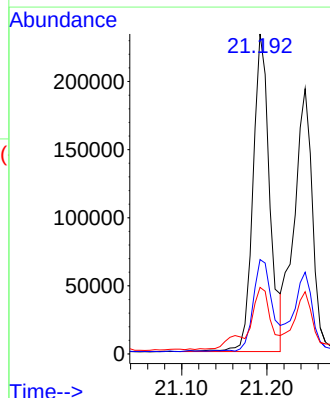
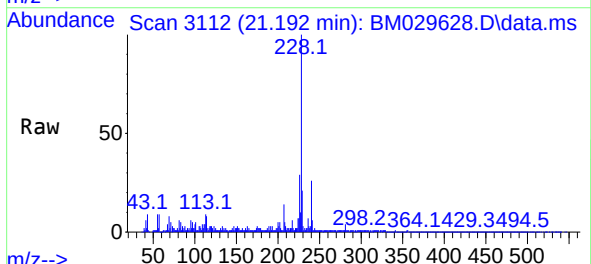
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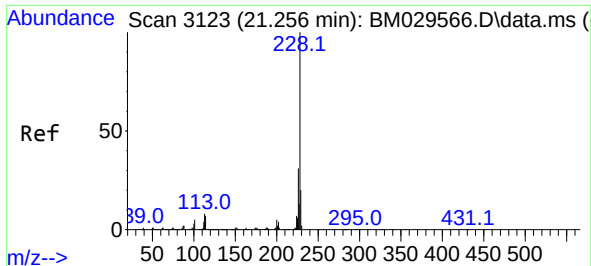
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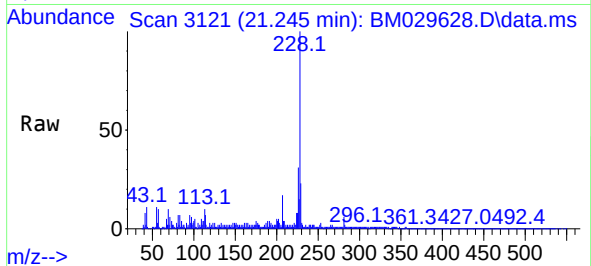
#81
 Benzo(a)anthracene
 Concen: 8.64 ng
 RT: 21.192 min Scan# 3112
 Delta R.T. 0.000 min
 Lab File: BM029628.D
 Acq: 24 Apr 2021 00:22

Tgt Ion:228 Resp: 318170
 Ion Ratio Lower Upper
 228 100
 226 29.5 22.3 33.5
 229 20.8 15.7 23.5

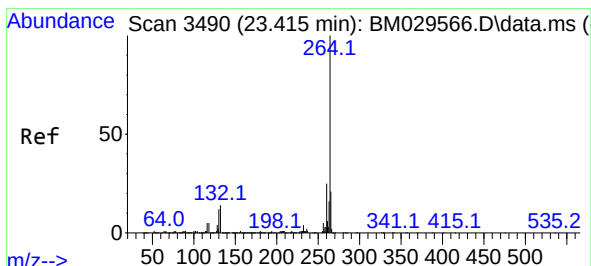
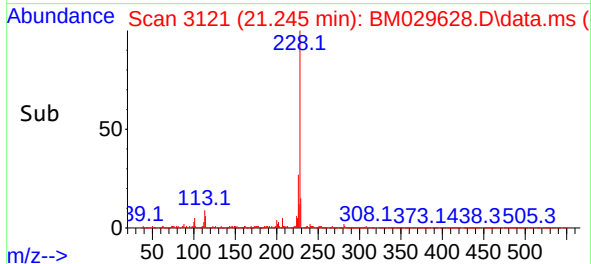
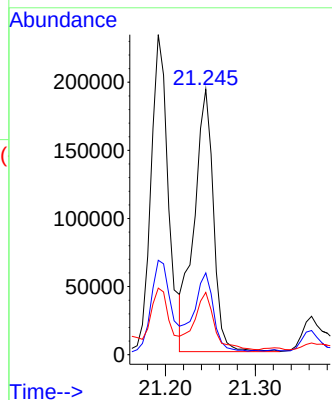




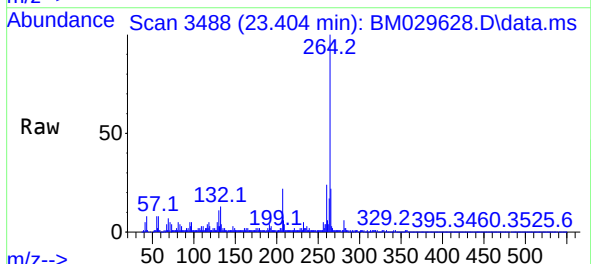
#83
Chrysene
Concen: 7.98 ng m
RT: 21.245 min Scan# 3121
Delta R.T. 0.000 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22



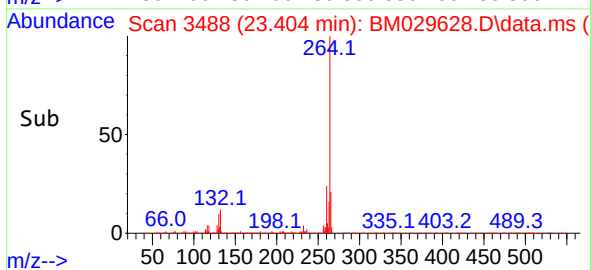
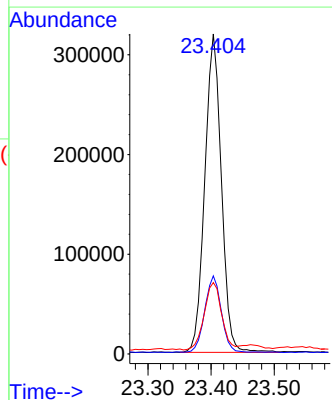
Tgt Ion: 228 Resp: 288601
Ion Ratio Lower Upper
228 100
226 30.9 24.6 36.8
229 23.5 15.5 23.3#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.404 min Scan# 3488
Delta R.T. 0.012 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22



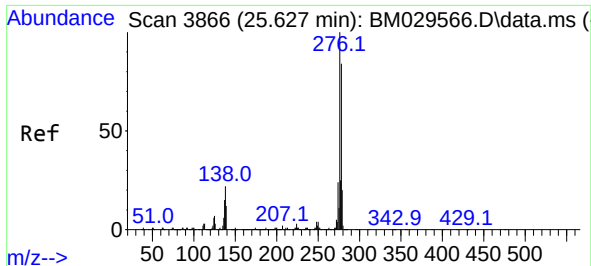
Tgt Ion: 264 Resp: 581191
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 22.3 17.7 26.5



Instrument :
BNA_M
ClientSampleId :
PL-01-042121

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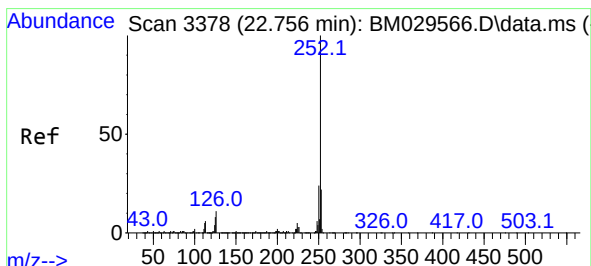
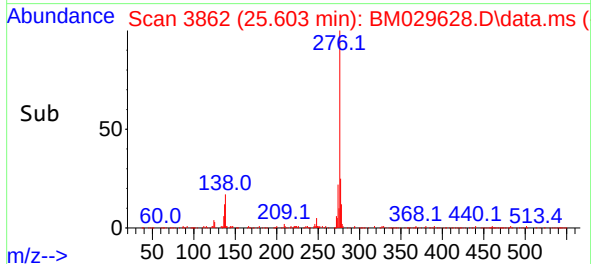
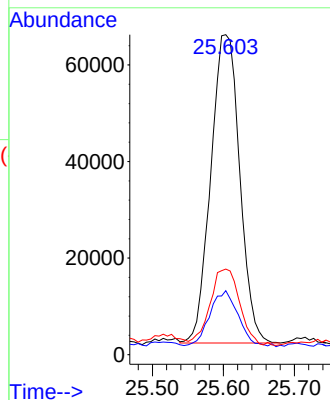
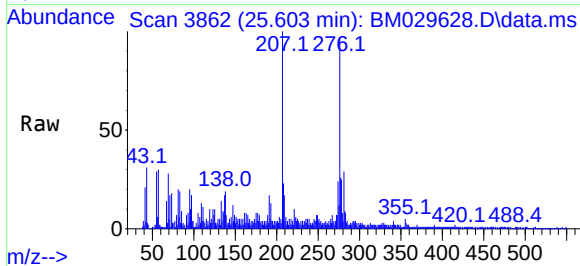
#87
Indeno(1,2,3-cd)pyrene
Concen: 4.02 ng
RT: 25.603 min Scan# 3862
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion: 276 Resp: 180654
Ion Ratio Lower Upper
276 100
138 17.3 17.1 25.7
277 25.0 20.3 30.5

Instrument :
BNA_M
ClientSampled :
PL-01-042121

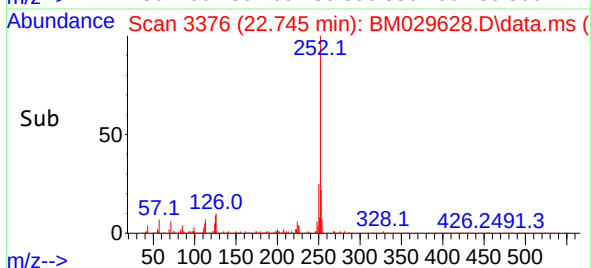
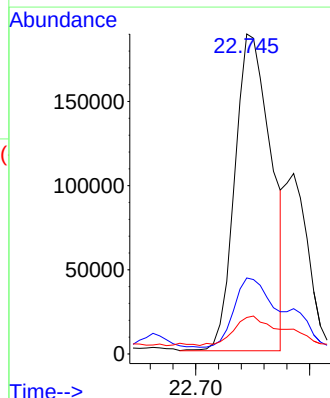
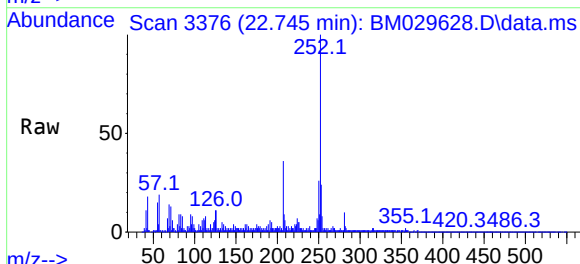
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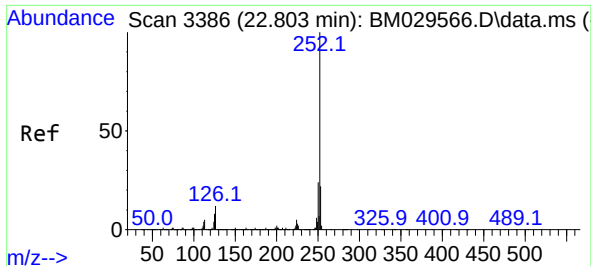
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#88
Benzo(b)fluoranthene
Concen: 10.96 ng m
RT: 22.745 min Scan# 3376
Delta R.T. 0.006 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion: 252 Resp: 415571
Ion Ratio Lower Upper
252 100
253 23.7 17.4 26.0
125 11.4 6.8 10.2#





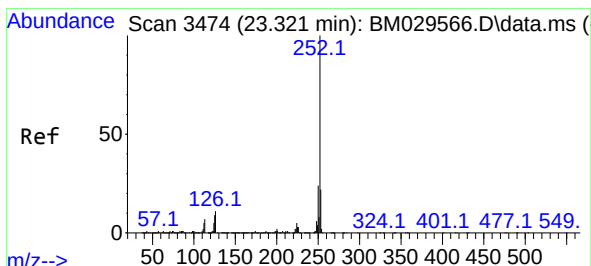
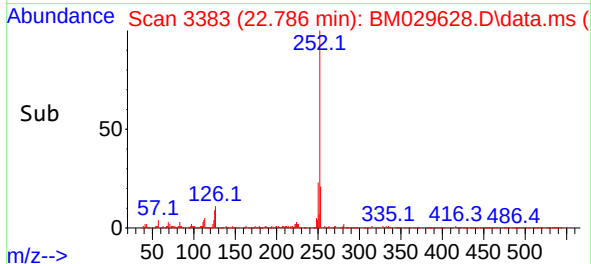
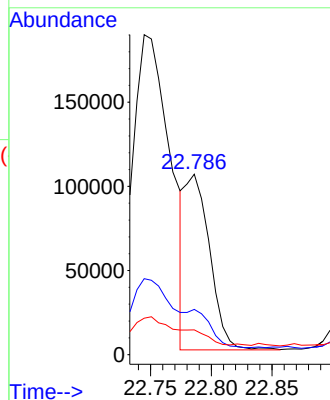
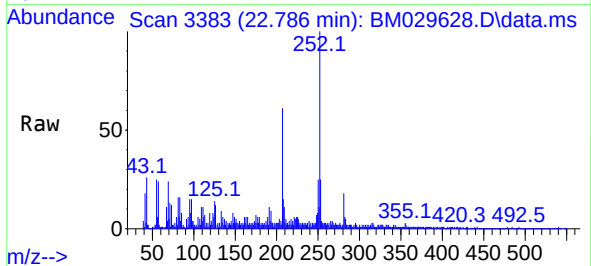
#89
Benzo(k)fluoranthene
Concen: 3.89 ng m
RT: 22.786 min Scan# 3383
Delta R.T. 0.000 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Tgt Ion:252 Resp: 147691
Ion Ratio Lower Upper
252 100
253 25.0 17.4 26.2
125 13.7 6.2 9.2#

Instrument :
BNA_M
ClientSampleId :
PL-01-042121

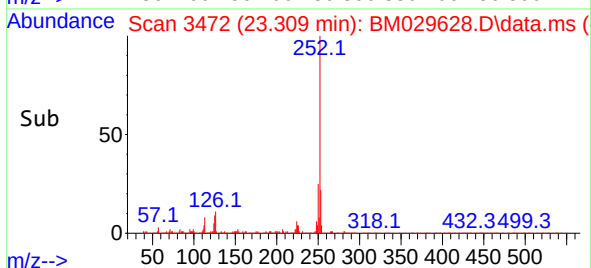
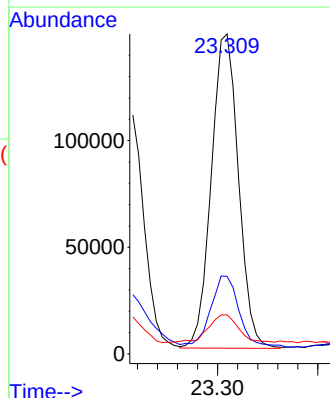
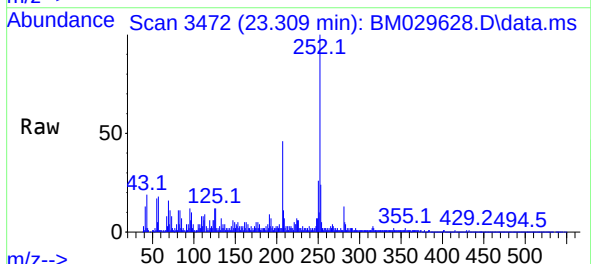
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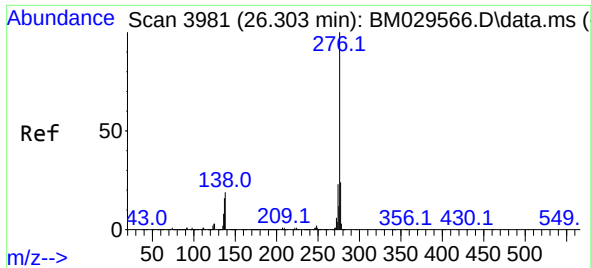
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#90
Benzo(a)pyrene
Concen: 7.79 ng
RT: 23.309 min Scan# 3472
Delta R.T. 0.012 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

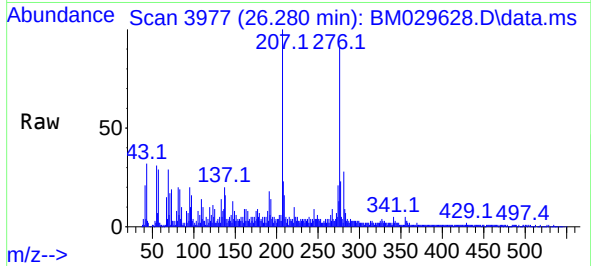
Tgt Ion:252 Resp: 277073
Ion Ratio Lower Upper
252 100
253 24.3 17.7 26.5
125 12.2 7.3 10.9#





#92
Benzo(g,h,i)perylene
Concen: 4.95 ng
RT: 26.280 min Scan# 3977
Delta R.T. 0.012 min
Lab File: BM029628.D
Acq: 24 Apr 2021 00:22

Instrument :
BNA_M
ClientSampleId :
PL-01-042121



Tgt Ion:	276	Resp:	177319
Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.4	29.2
138	17.7	14.4	21.6

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