

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
 Data File : BM029741.D
 Acq On : 30 Apr 2021 22:15
 Operator : CG/JU
 Sample : M2225-01 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HD-02-042921

Manual Integrations
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Quant Time: Apr 30 23:09:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 17:34:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.592	152	74280	20.00	ng	0.00
21) Naphthalene-d8	10.369	136	260996	20.00	ng	# 0.00
39) Acenaphthene-d10	14.239	164	183753	20.00	ng	0.00
64) Phenanthrene-d10	16.986	188	413157	20.00	ng	# 0.00
76) Chrysene-d12	21.168	240	479575	20.00	ng	-0.01
86) Perylene-d12	23.344	264	515510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.192	112	58904	16.53	ng	0.00
7) Phenol-d6	6.781	99	68102	14.08	ng	0.00
23) Nitrobenzene-d5	8.745	82	45536	10.08	ng	0.00
42) 2,4,6-Tribromophenol	15.733	330	46247	15.85	ng	0.00
45) 2-Fluorobiphenyl	12.851	172	158725	11.20	ng	-0.01
79) Terphenyl-d14	19.621	244	259642	9.94	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.027	178	86192	3.70	ng	98
75) Fluoranthene	19.050	202	224918	7.87	ng	98
78) Pyrene	19.409	202	211545	6.88	ng	98
81) Benzo(a)anthracene	21.156	228	128616	4.12	ng	93
83) Chrysene	21.203	228	135075	4.36	ng	96
87) Indeno(1,2,3-cd)pyrene	25.521	276	100819	2.58	ng	# 92
88) Benzo(b)fluoranthene	22.697	252	204310m	5.99	ng	
90) Benzo(a)pyrene	23.250	252	131570	4.22	ng	96
92) Benzo(g,h,i)perylene	26.185	276	101463	3.19	ng	96

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

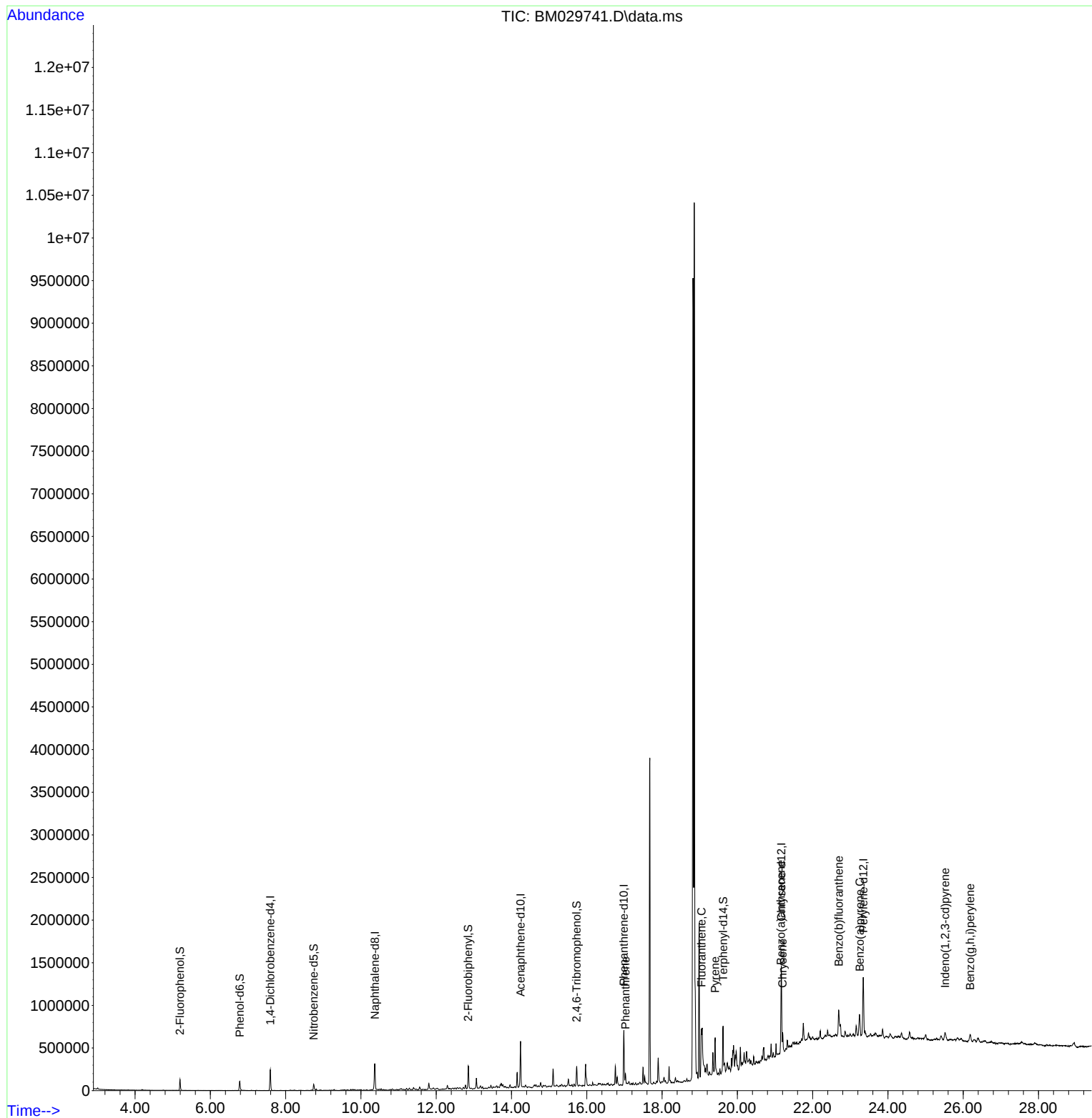
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029741.D
Acq On : 30 Apr 2021 22:15
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Misc :
ALS Vial : 19 Sample Multiplier: 1

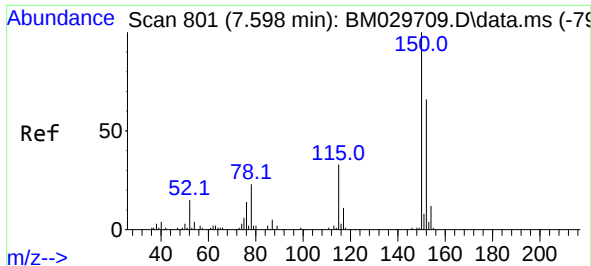
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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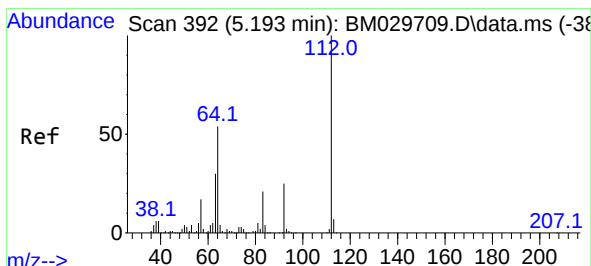
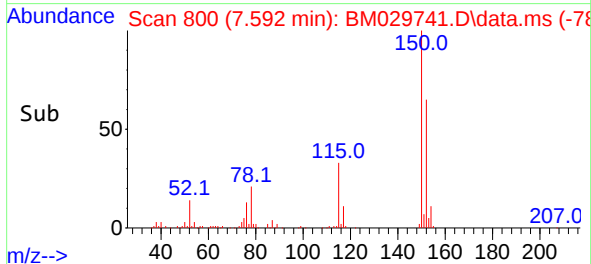
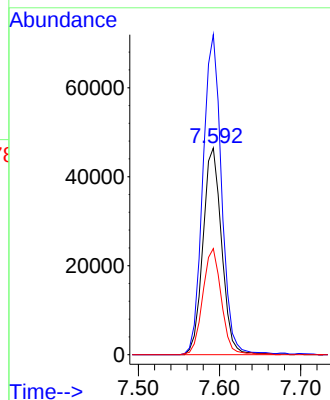
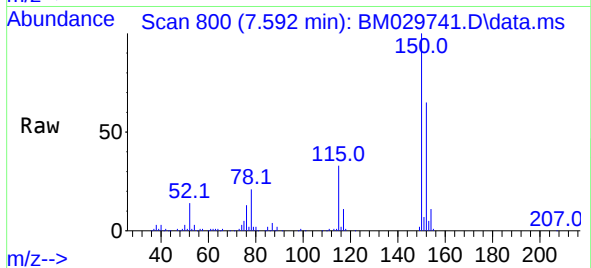
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.592 min Scan# 800
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:	152	Resp:	74280
Ion Ratio	Lower	Upper	
152	100		
150	154.8	125.9	188.9
115	51.3	44.6	67.0

Instrument :
BNA_M
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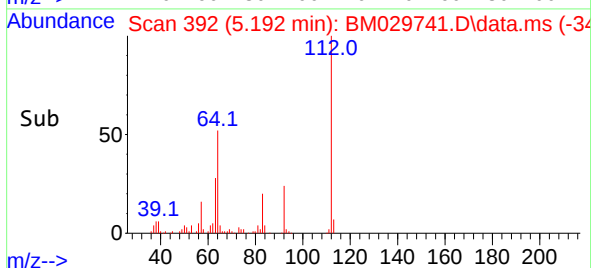
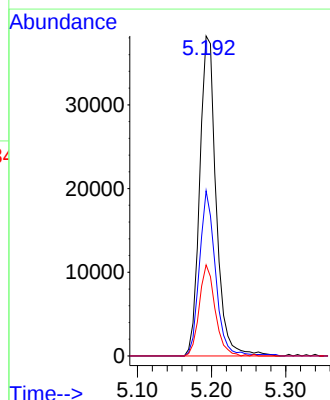
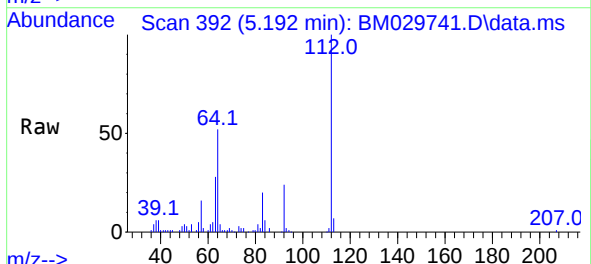
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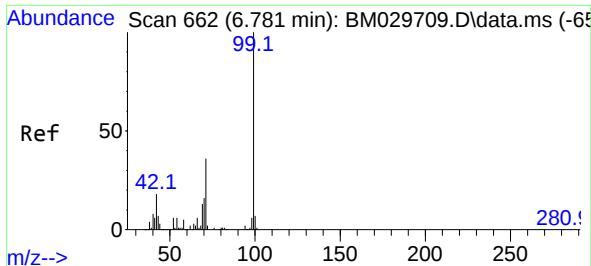
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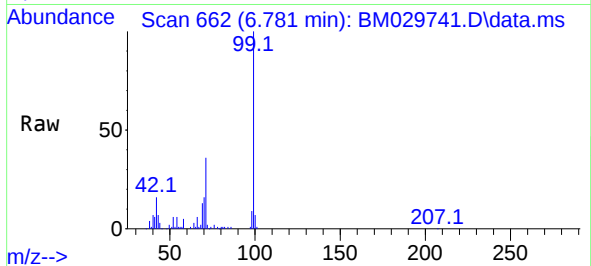
#5
2-Fluorophenol
Concen: 16.53 ng
RT: 5.192 min Scan# 392
Delta R.T. -0.000 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:	112	Resp:	58904
Ion Ratio	Lower	Upper	
112	100		
64	51.6	47.1	70.7
63	28.5	27.3	40.9

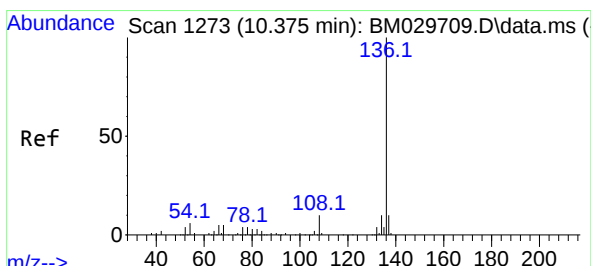
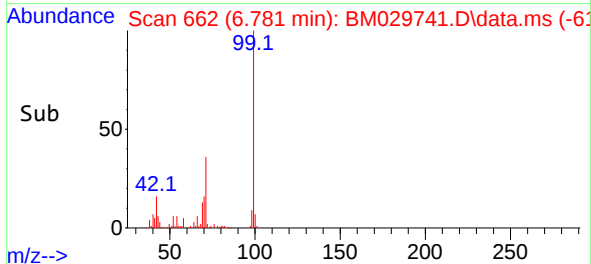
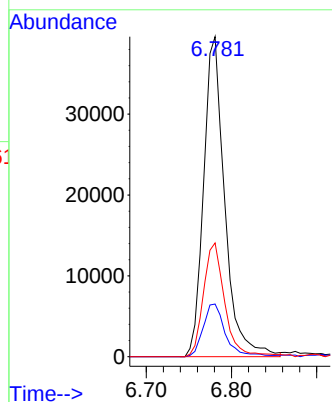




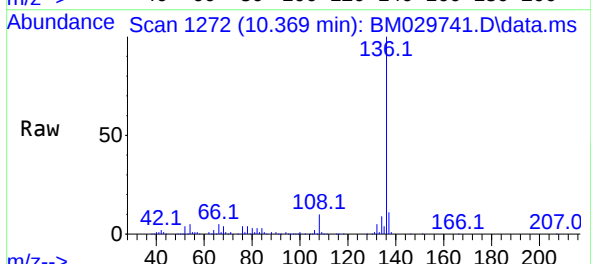
#7
Phenol-d6
Concen: 14.08 ng
RT: 6.781 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15



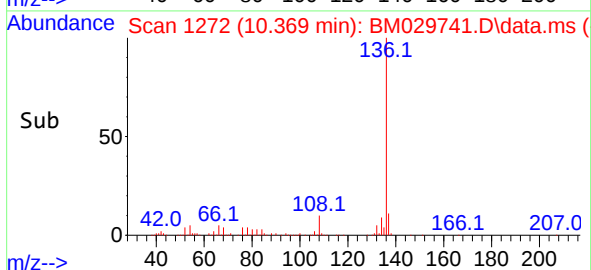
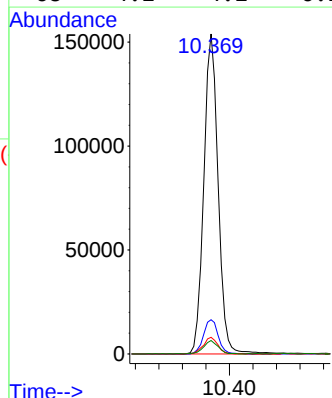
Tgt Ion: 99 Resp: 68102
Ion Ratio Lower Upper
99 100
42 16.5 18.0 27.0#
71 35.5 30.9 46.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.369 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15



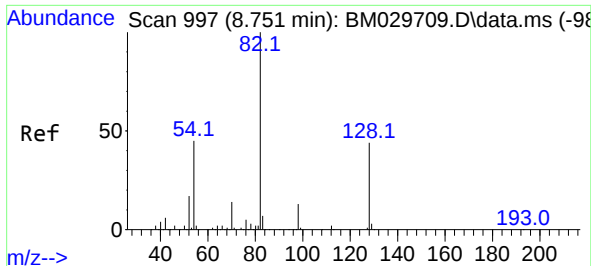
Tgt Ion: 136 Resp: 260996
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.2 5.5 8.3#
68 4.2 4.2 6.2



Instrument :
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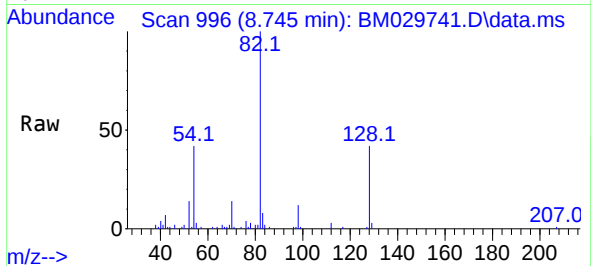
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#23
Nitrobenzene-d5
Concen: 10.08 ng
RT: 8.745 min Scan# 996
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

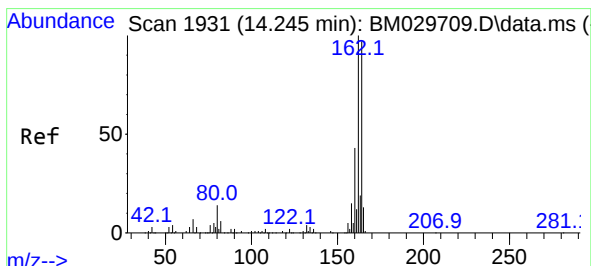
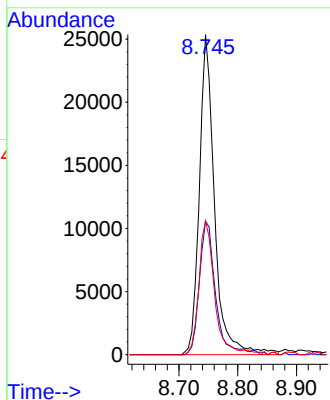
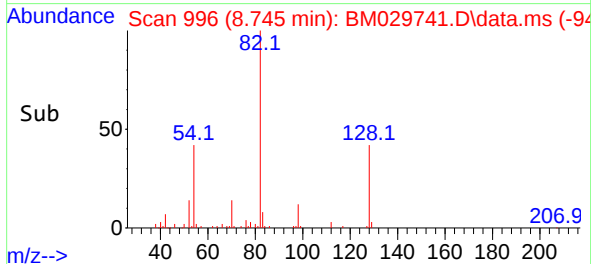
Instrument :
BNA_M
ClientSampleId :
HD-02-042921



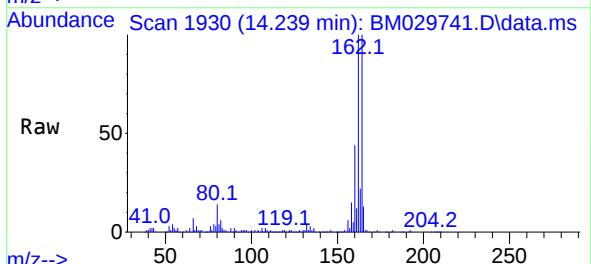
Tgt Ion: 82 Resp: 45536
Ion Ratio Lower Upper
82 100
128 41.7 31.1 46.7
54 41.8 37.3 55.9

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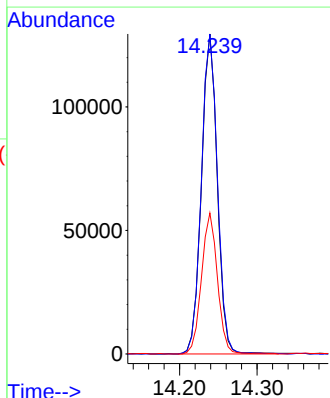
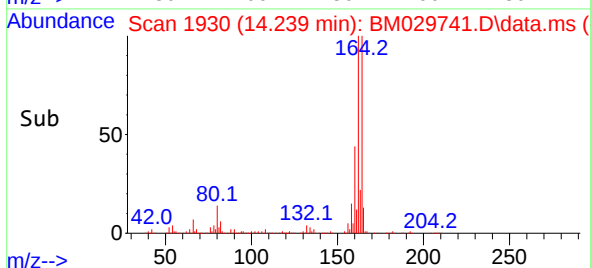
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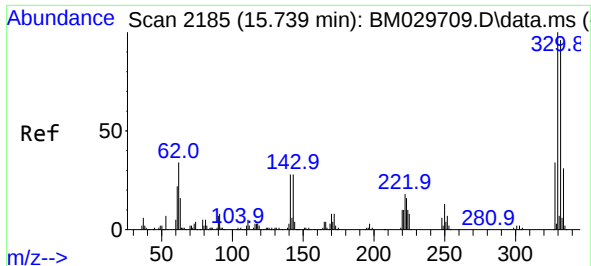


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.239 min Scan# 1930
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15



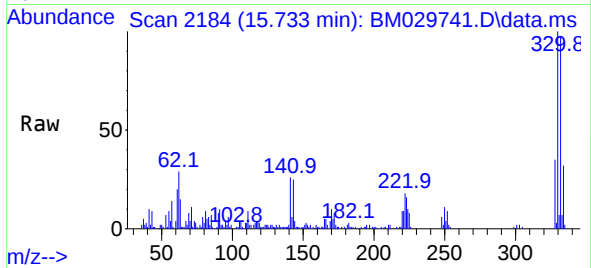
Tgt Ion: 164 Resp: 183753
Ion Ratio Lower Upper
164 100
162 99.9 83.4 125.0
160 44.1 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 15.85 ng
RT: 15.733 min Scan# 2184
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

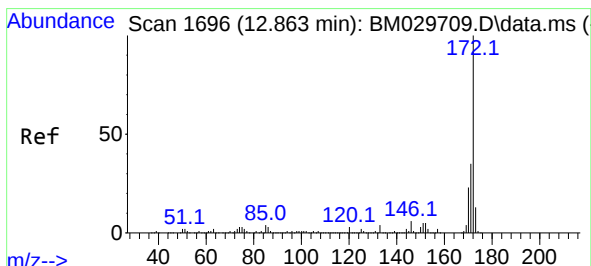
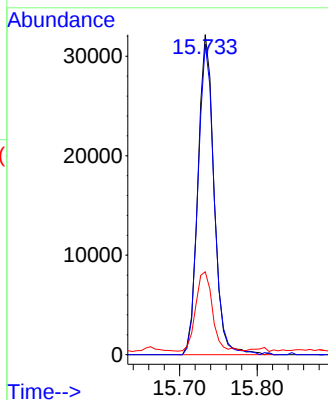
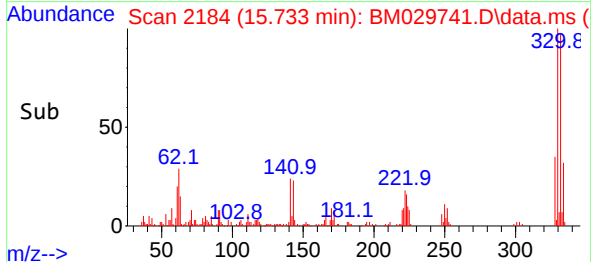
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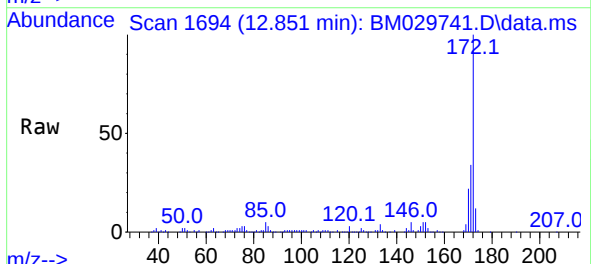
Tgt Ion:330 Resp: 46247
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.4
141 25.9 30.2 45.2#

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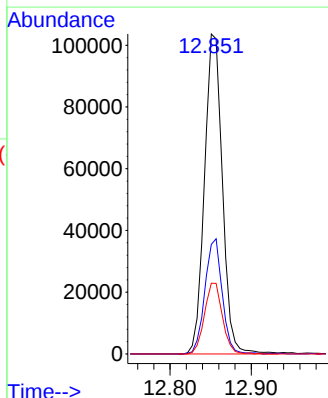
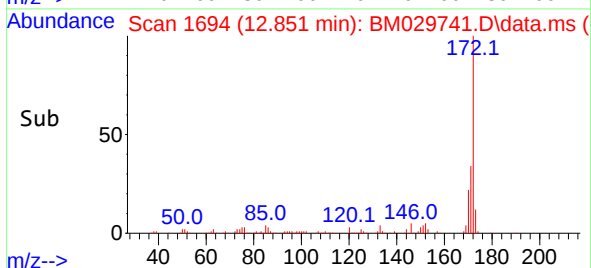
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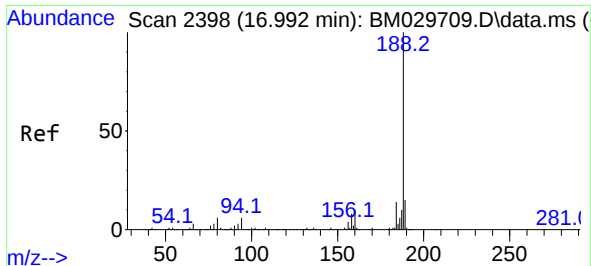


#45
2-Fluorobiphenyl
Concen: 11.20 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15



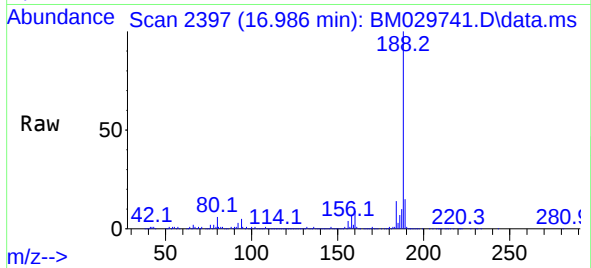
Tgt Ion:172 Resp: 158725
Ion Ratio Lower Upper
172 100
171 34.3 28.6 43.0
170 22.1 18.4 27.6





#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.986 min Scan# 2397
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

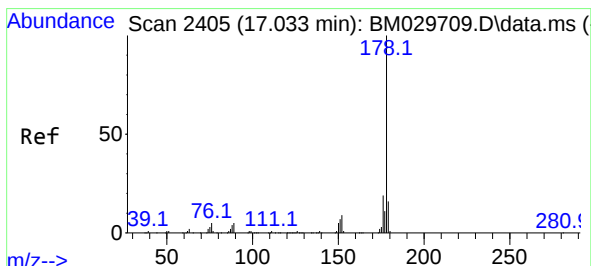
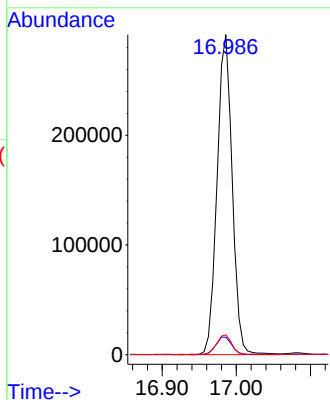
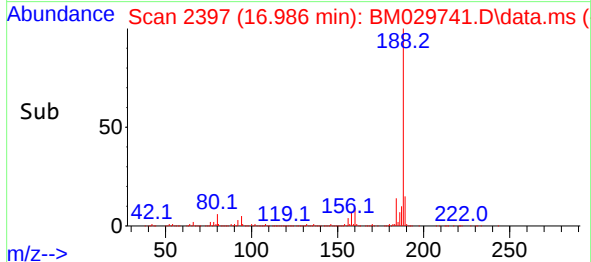
Instrument :
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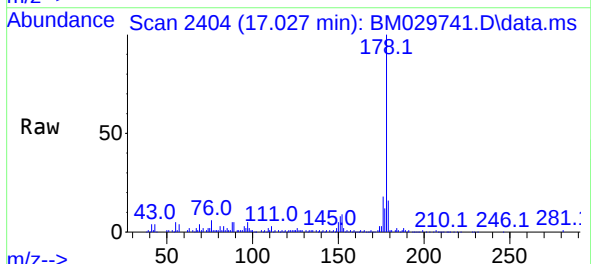
Tgt Ion:188 Resp: 413157
Ion Ratio Lower Upper
188 100
94 5.4 6.0 9.0#
80 6.2 6.6 9.8#

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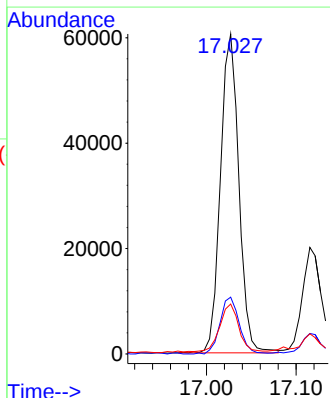
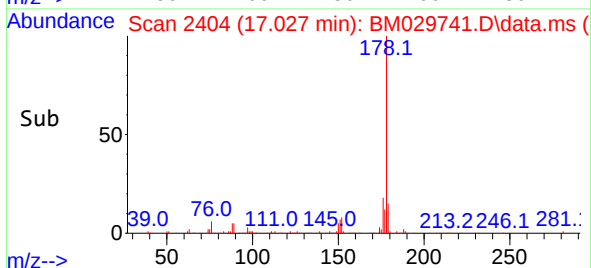
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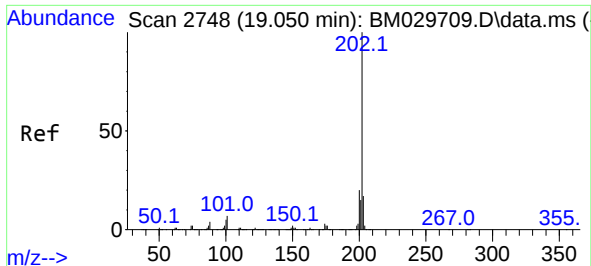


#71
Phenanthrene
Concen: 3.70 ng
RT: 17.027 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15



Tgt Ion:178 Resp: 86192
Ion Ratio Lower Upper
178 100
176 17.8 15.4 23.0
179 15.6 12.2 18.4





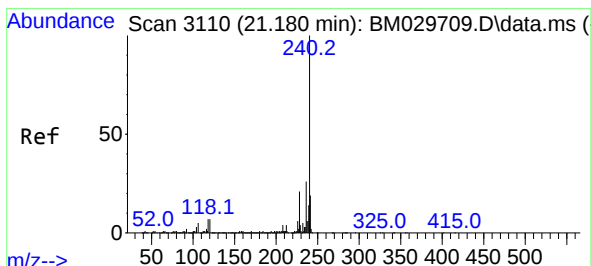
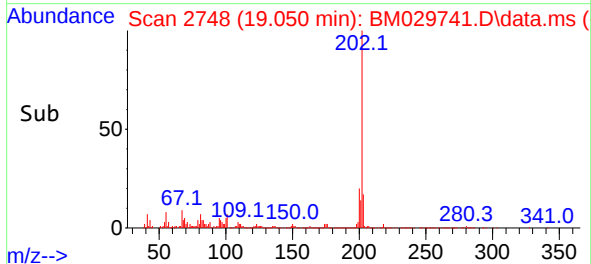
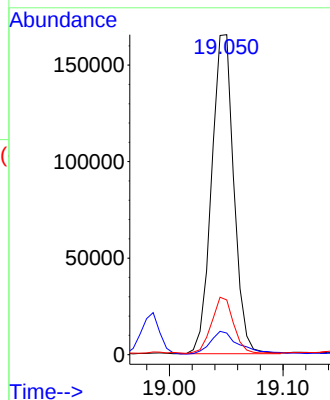
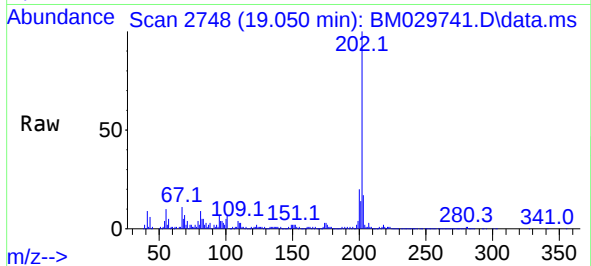
#75
Fluoranthene
Concen: 7.87 ng
RT: 19.050 min Scan# 2748
Delta R.T. -0.000 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:202 Resp: 224918
Ion Ratio Lower Upper
202 100
101 6.7 0.0 28.6
203 17.1 0.0 37.3

Instrument :
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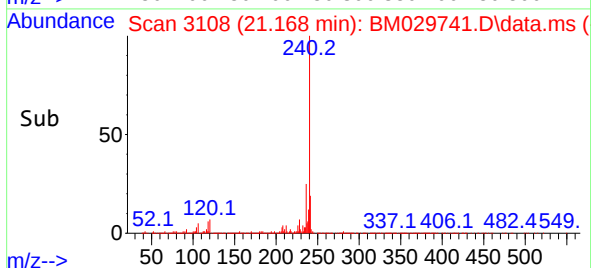
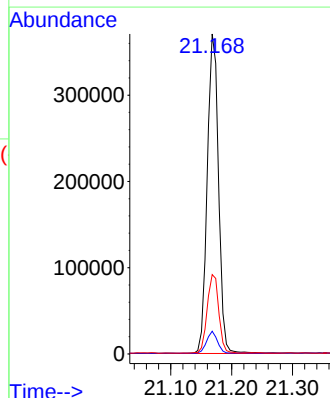
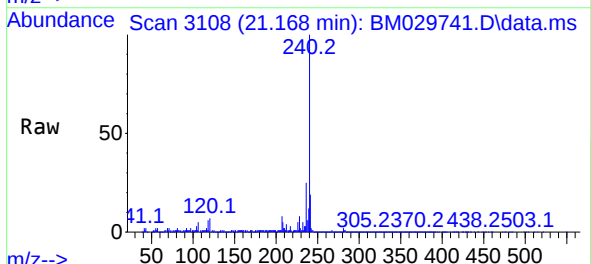
Manual Integrations
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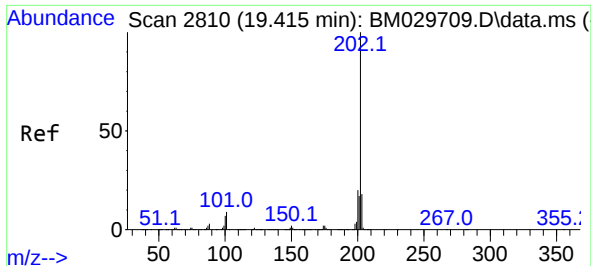
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.168 min Scan# 3108
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

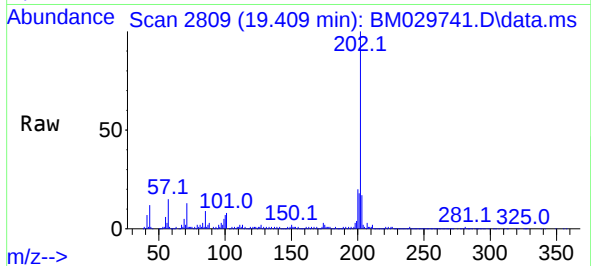
Tgt Ion:240 Resp: 479575
Ion Ratio Lower Upper
240 100
120 7.1 7.0 10.6
236 24.8 21.0 31.4





#78
Pyrene
Concen: 6.88 ng
RT: 19.409 min Scan# 2809
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

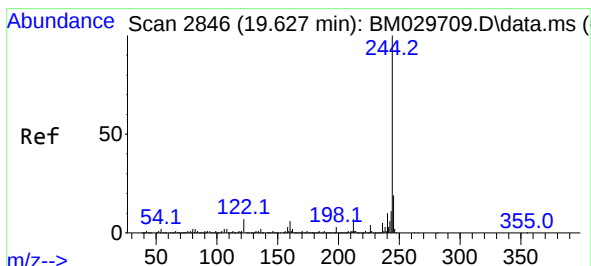
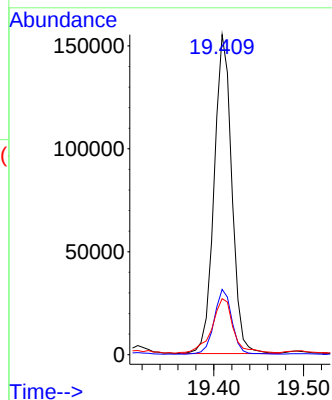
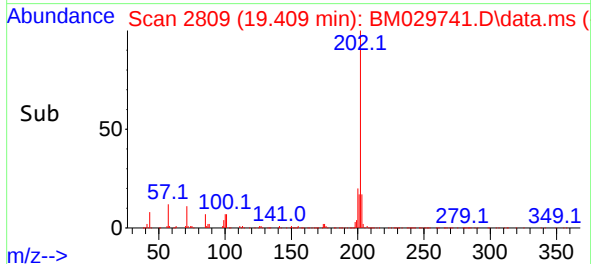
Instrument :
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ClientSampleId :
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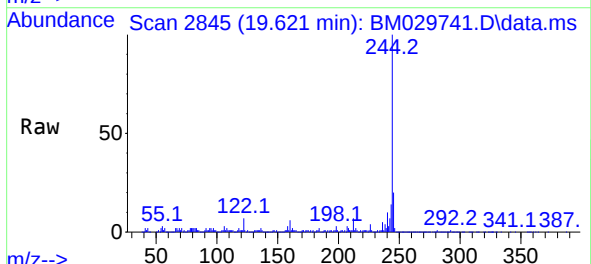
Tgt Ion:202 Resp: 211545
Ion Ratio Lower Upper
202 100
200 20.4 17.3 25.9
203 17.5 13.9 20.9

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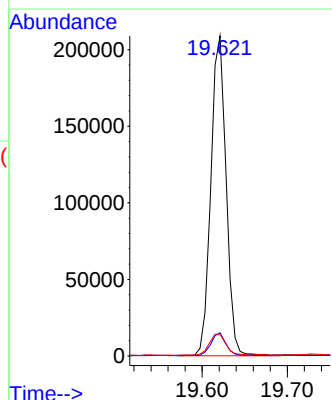
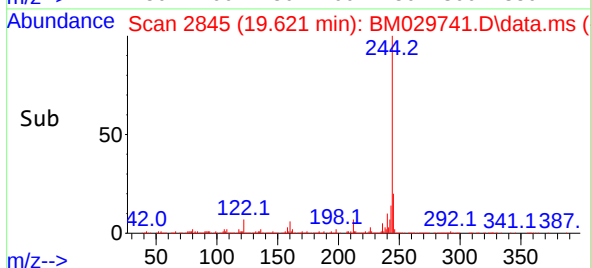
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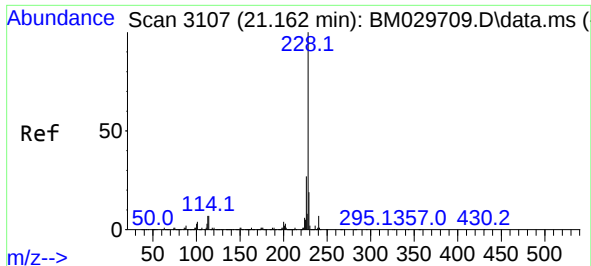


#79
Terphenyl-d14
Concen: 9.94 ng
RT: 19.621 min Scan# 2845
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15



Tgt Ion:244 Resp: 259642
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 6.8 6.9 10.3#





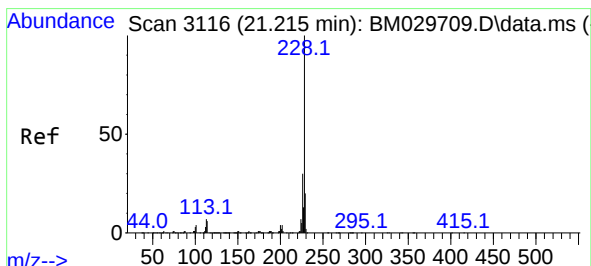
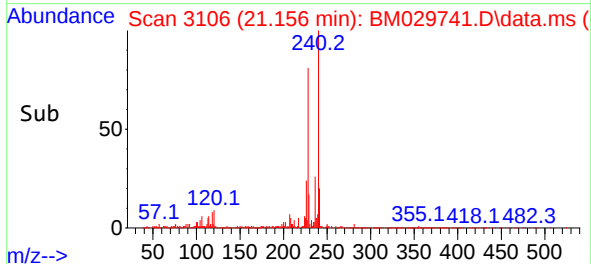
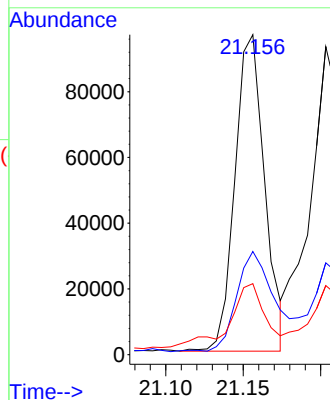
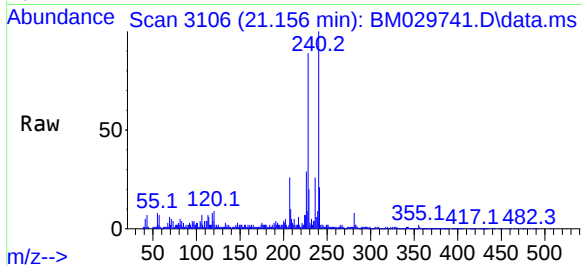
#81
Benzo(a)anthracene
Concen: 4.12 ng
RT: 21.156 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	22.3	33.5
229	22.2	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
HD-02-042921

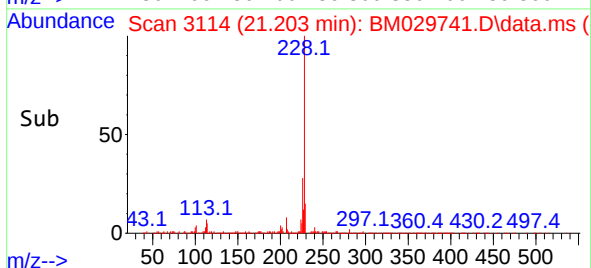
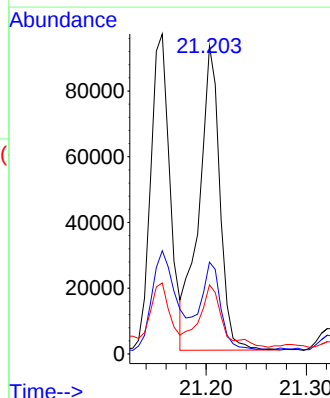
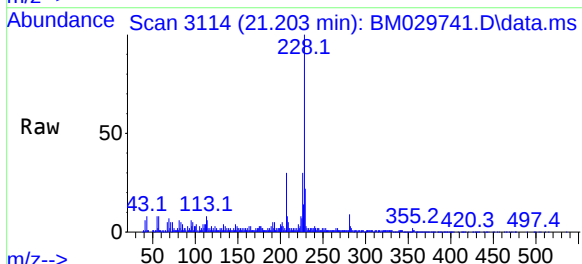
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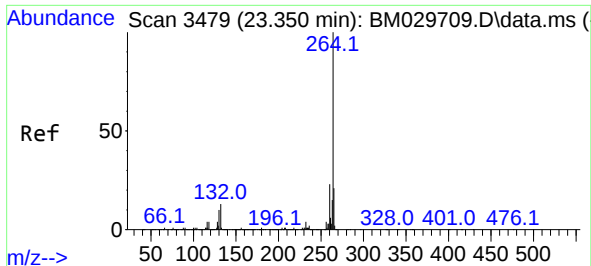
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#83
Chrysene
Concen: 4.36 ng
RT: 21.203 min Scan# 3114
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

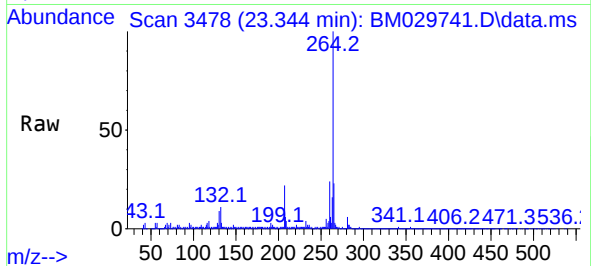
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.6	36.8
229	22.4	15.5	23.3





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.344 min Scan# 3478
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

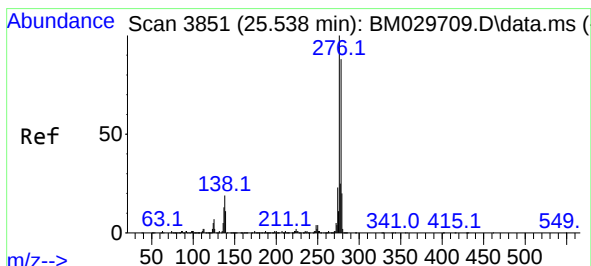
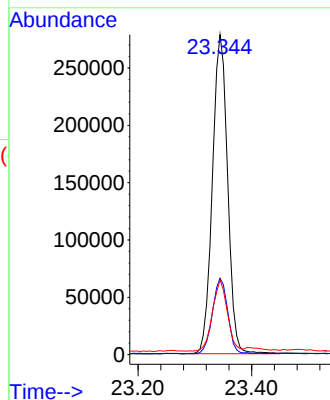
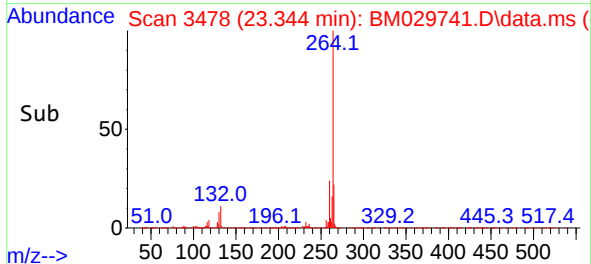
Instrument :
BNA_M
ClientSampleId :
HD-02-042921



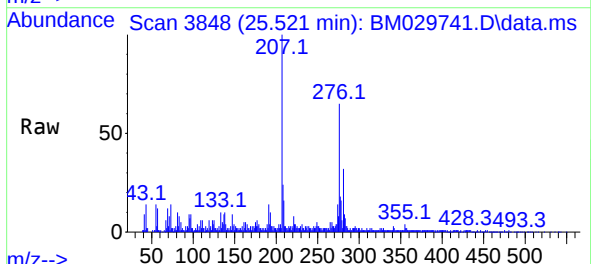
Tgt Ion:264 Resp: 515510
Ion Ratio Lower Upper
264 100
260 23.9 19.8 29.8
265 23.4 17.7 26.5

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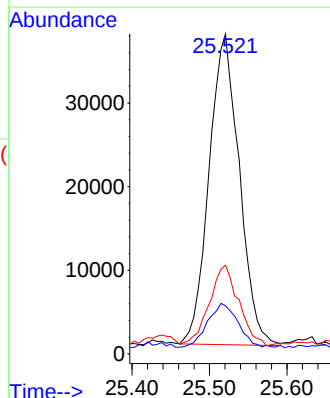
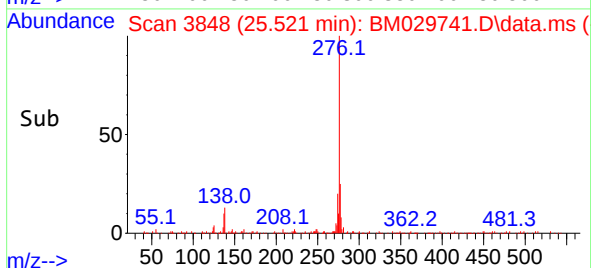
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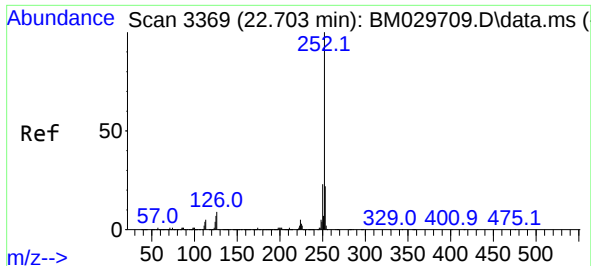


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.58 ng
RT: 25.521 min Scan# 3848
Delta R.T. -0.018 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15



Tgt Ion:276 Resp: 100819
Ion Ratio Lower Upper
276 100
138 14.1 17.1 25.7#
277 24.4 20.3 30.5





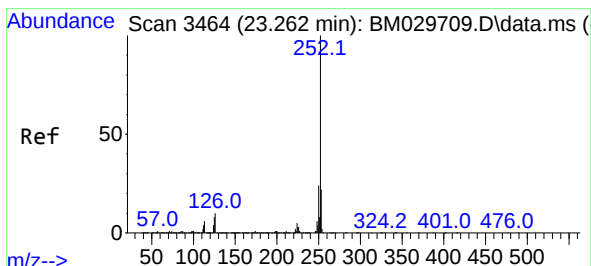
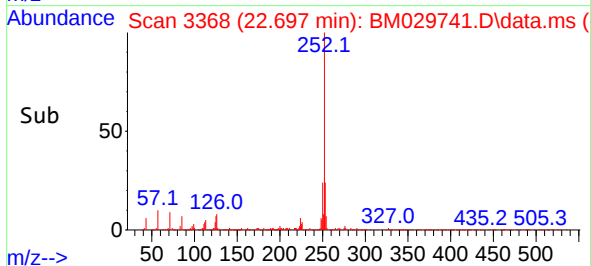
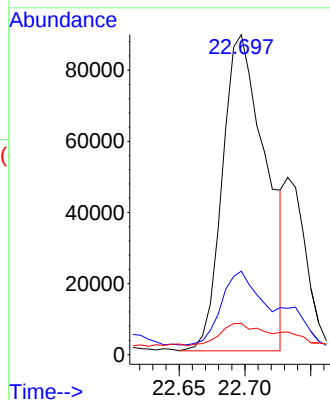
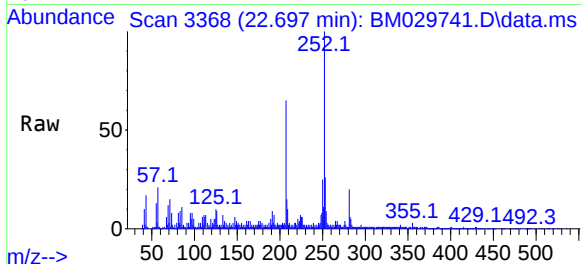
#88
Benzo(b)fluoranthene
Concen: 5.99 ng m
RT: 22.697 min Scan# 3368
Delta R.T. -0.006 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:252 Resp: 204310
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.0#
125 9.7 6.8 10.2

Instrument :
BNA_M
ClientSampled :
HD-02-042921

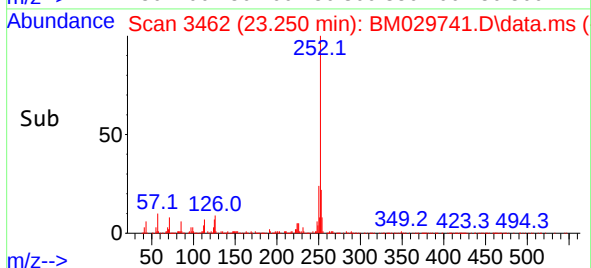
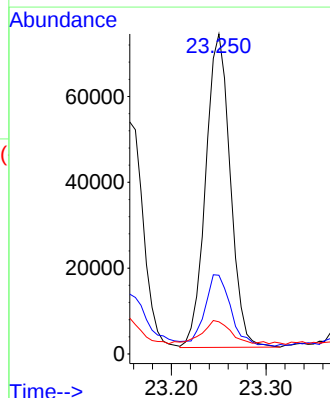
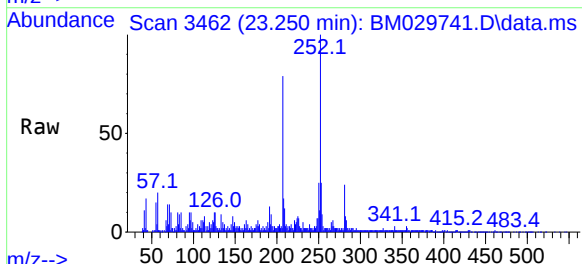
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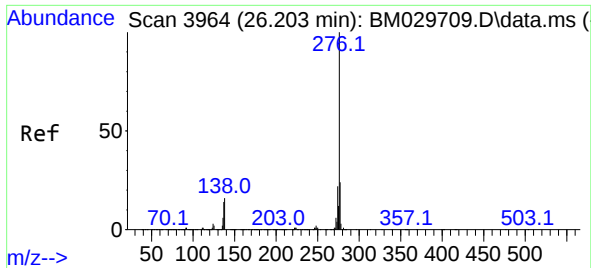
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#90
Benzo(a)pyrene
Concen: 4.22 ng
RT: 23.250 min Scan# 3462
Delta R.T. -0.012 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:252 Resp: 131570
Ion Ratio Lower Upper
252 100
253 24.6 17.7 26.5
125 10.0 7.3 10.9





#92
Benzo(g,h,i)perylene
Concen: 3.19 ng
RT: 26.185 min Scan# 3961
Delta R.T. -0.018 min
Lab File: BM029741.D
Acq: 30 Apr 2021 22:15

Tgt Ion:	276	Resp:	101463
Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.4	29.2
138	16.4	14.4	21.6

Instrument :
BNA_M
ClientSampleId :
HD-02-042921

Manual Integrations
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