

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
 Data File : BM029626.D
 Acq On : 23 Apr 2021 23:09
 Operator : CG/JU
 Sample : M2142-01 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-04-042221

Manual Integrations
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Quant Time: Apr 26 02:11:27 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	105176	20.00	ng	0.00
21) Naphthalene-d8	10.410	136	373331	20.00	ng	0.00
39) Acenaphthene-d10	14.280	164	238472	20.00	ng	0.00
64) Phenanthrene-d10	17.021	188	508952	20.00	ng	0.00
76) Chrysene-d12	21.209	240	561658	20.00	ng	0.00
86) Perylene-d12	23.403	264	592319	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	280512	53.47	ng	0.00
7) Phenol-d6	6.816	99	339441	43.32	ng	0.00
23) Nitrobenzene-d5	8.787	82	230673	31.82	ng	0.00
42) 2,4,6-Tribromophenol	15.768	330	151629	45.98	ng	0.00
45) 2-Fluorobiphenyl	12.892	172	599063	34.10	ng	0.00
79) Terphenyl-d14	19.656	244	912253	30.79	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	13.998	152	46712	2.18	ng	97
71) Phenanthrene	17.062	178	105452	3.60	ng	99
72) Anthracene	17.157	178	65020	2.25	ng	98
75) Fluoranthene	19.086	202	298555	8.40	ng	99
78) Pyrene	19.445	202	325010	8.99	ng	99
81) Benzo(a)anthracene	21.192	228	193490	5.21	ng	92
83) Chrysene	21.245	228	180631m	4.95	ng	
87) Indeno(1,2,3-cd)pyrene	25.603	276	129406	2.83	ng	97
88) Benzo(b)fluoranthene	22.744	252	256128	6.63	ng	# 85
89) Benzo(k)fluoranthene	22.786	252	86806m	2.24	ng	
90) Benzo(a)pyrene	23.303	252	193381	5.33	ng	# 92
92) Benzo(g,h,i)perylene	26.279	276	133787	3.66	ng	96

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

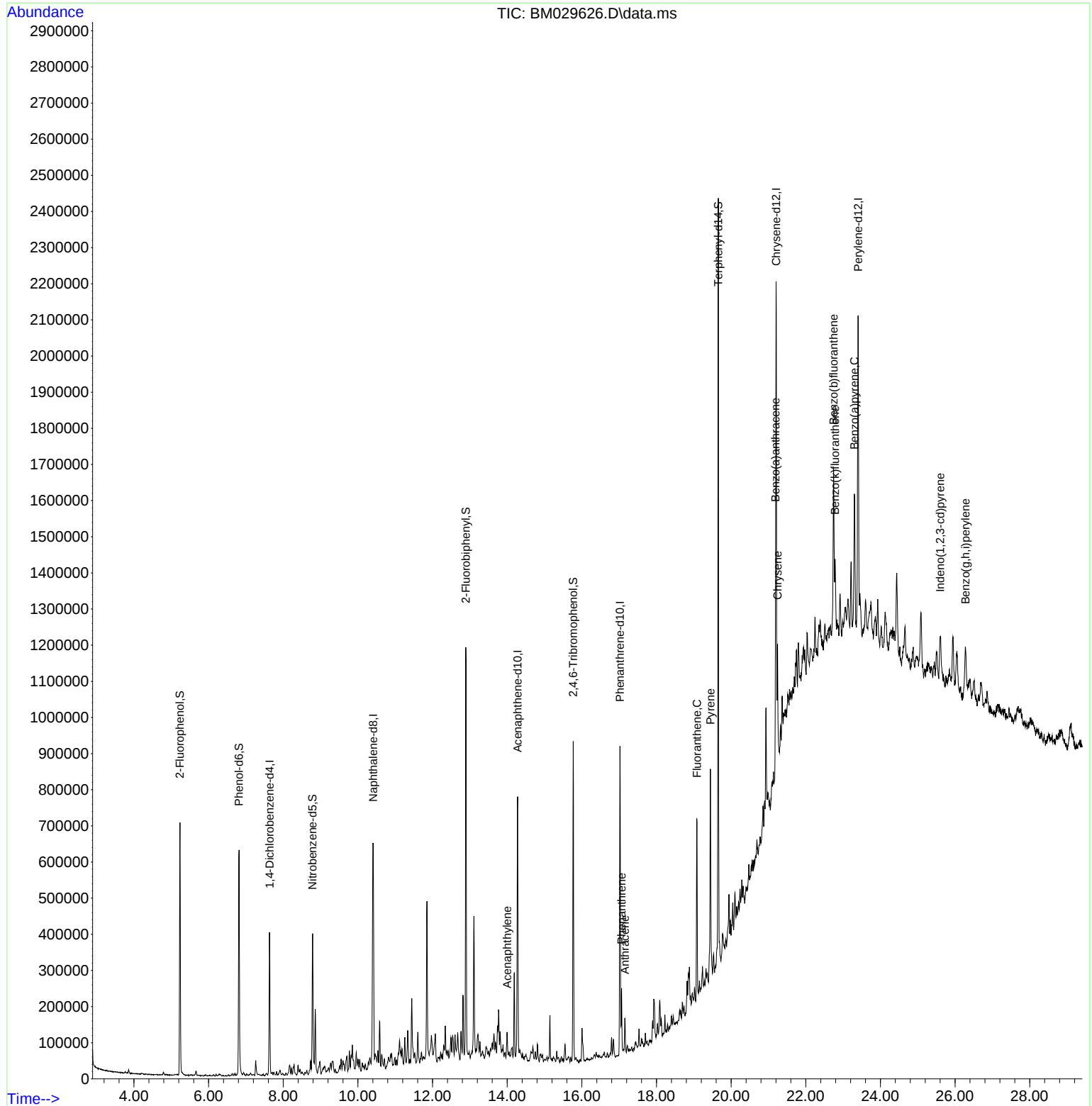
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042321\
Data File : BM029626.D
Acq On : 23 Apr 2021 23:09
Operator : CG/JU
Sample : M2142-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

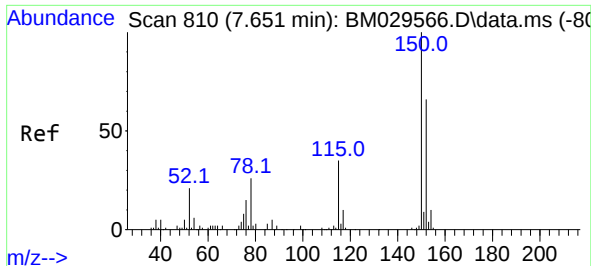
Instrument :
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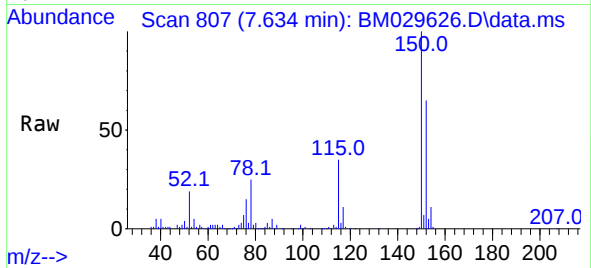
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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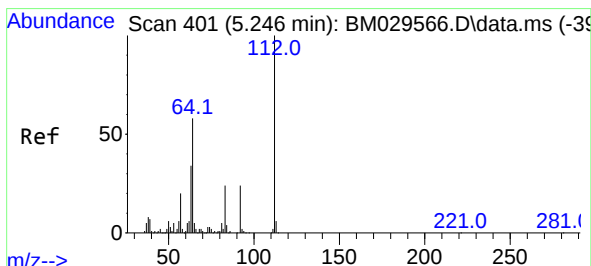
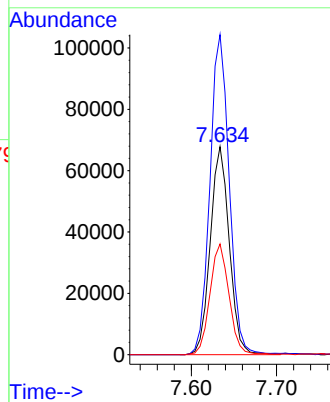
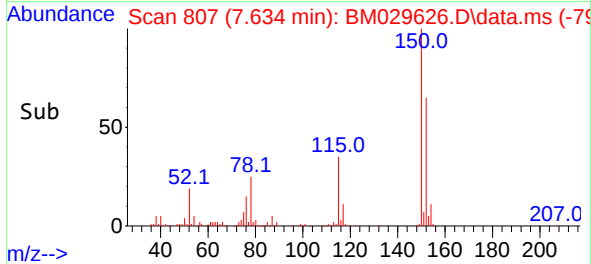




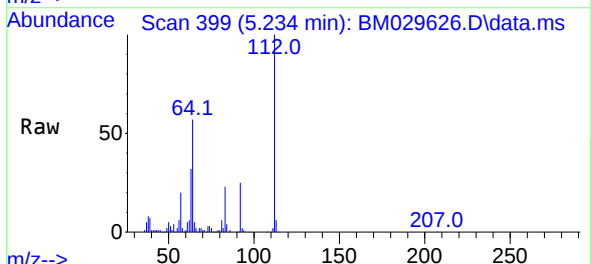
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 807
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09



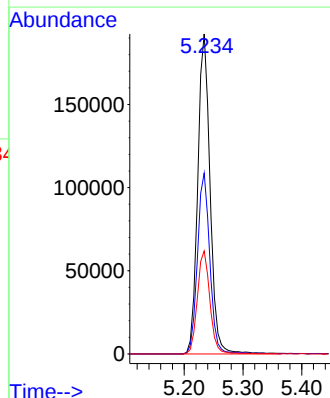
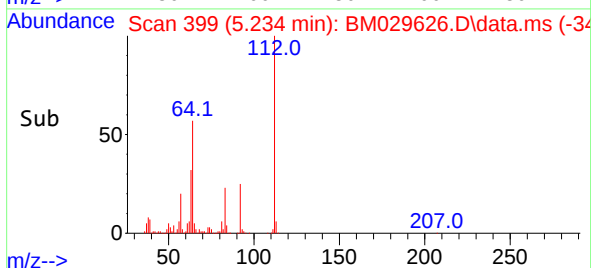
Tgt Ion:152 Resp: 105176
Ion Ratio Lower Upper
152 100
150 153.8 125.9 188.9
115 53.2 44.6 67.0



#5
2-Fluorophenol
Concen: 53.47 ng
RT: 5.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09



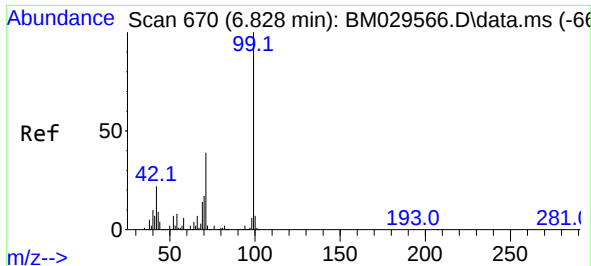
Tgt Ion:112 Resp: 280512
Ion Ratio Lower Upper
112 100
64 56.6 47.1 70.7
63 32.2 27.3 40.9



Instrument :
BNA_M
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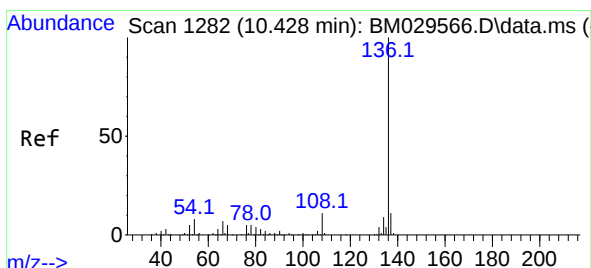
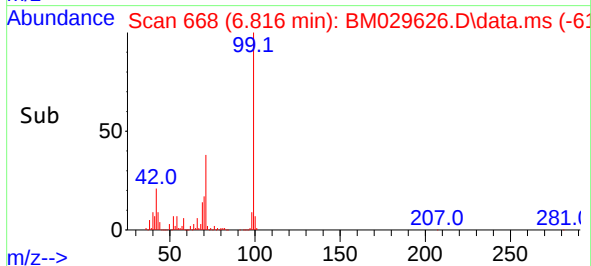
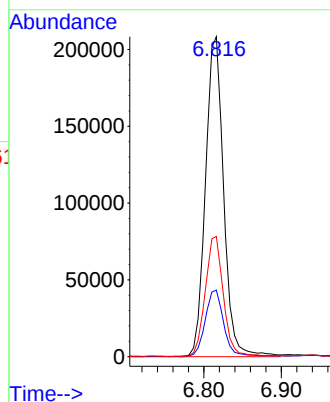
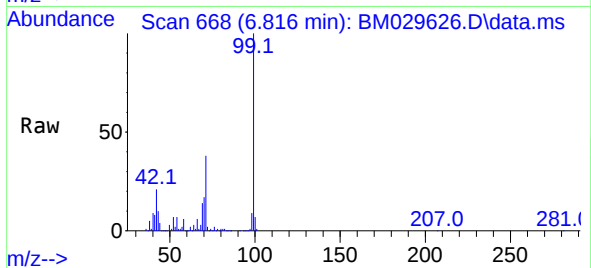
#7
Phenol-d6
Concen: 43.32 ng
RT: 6.816 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:	99	Resp:	339441
Ion	Ratio	Lower	Upper
99	100		
42	20.8	18.0	27.0
71	37.5	30.9	46.3

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

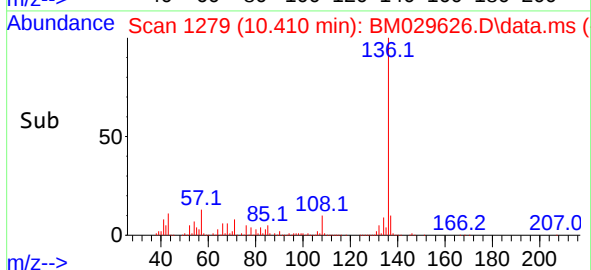
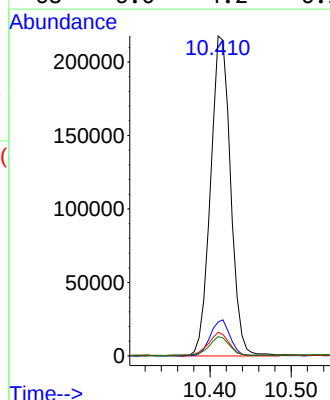
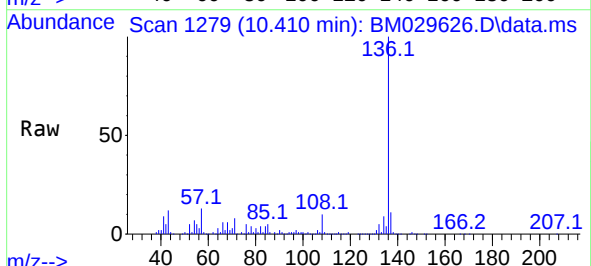
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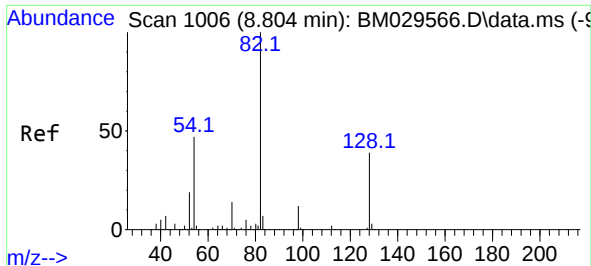
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.410 min Scan# 1279
Delta R.T. -0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:	136	Resp:	373331
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	7.4	5.5	8.3
68	6.0	4.2	6.2





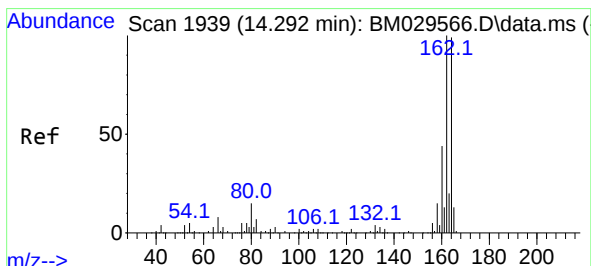
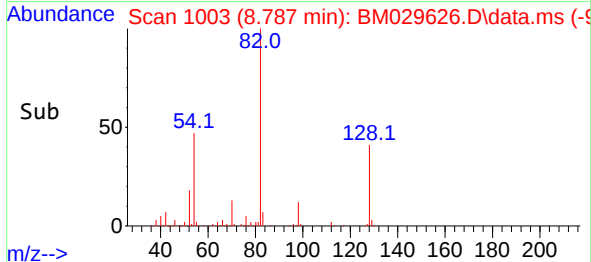
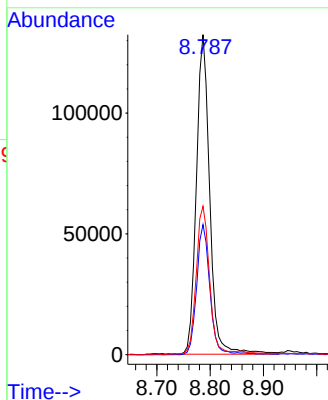
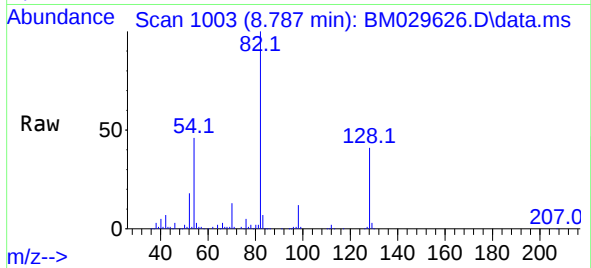
#23
Nitrobenzene-d5
Concen: 31.82 ng
RT: 8.787 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion: 82 Resp: 230673
Ion Ratio Lower Upper
82 100
128 40.7 31.1 46.7
54 46.4 37.3 55.9

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

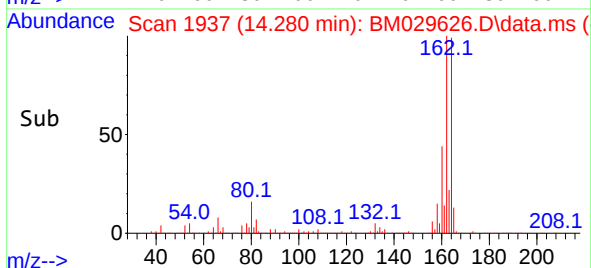
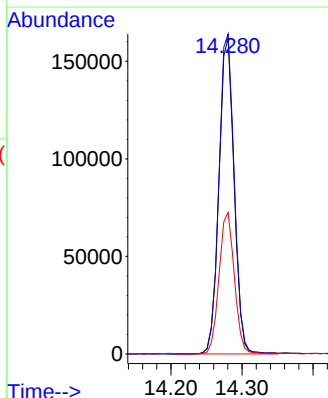
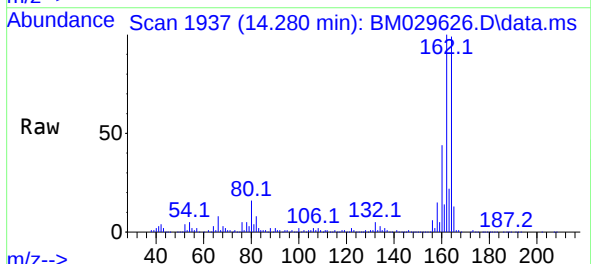
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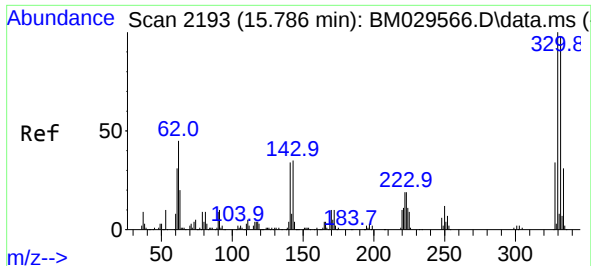
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.280 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

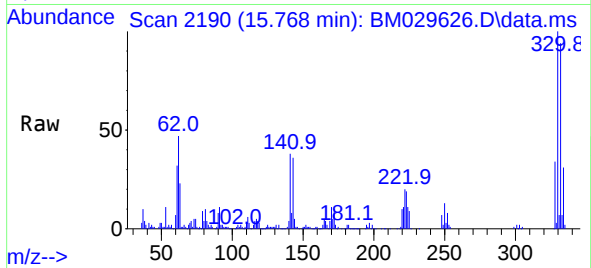
Tgt Ion: 164 Resp: 238472
Ion Ratio Lower Upper
164 100
162 101.3 83.4 125.0
160 44.8 37.2 55.8





#42
2,4,6-Tribromophenol
Concen: 45.98 ng
RT: 15.768 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

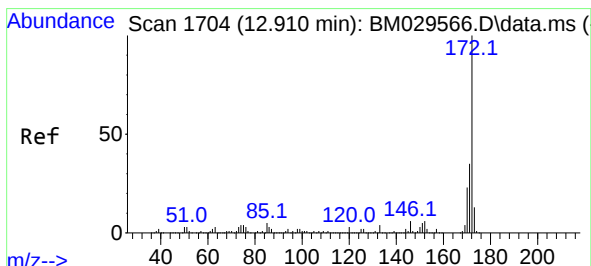
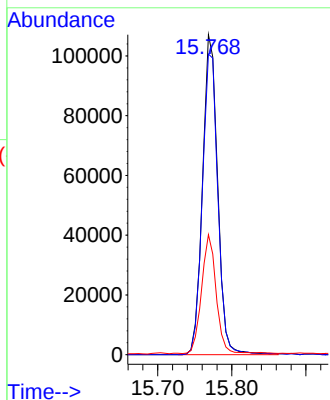
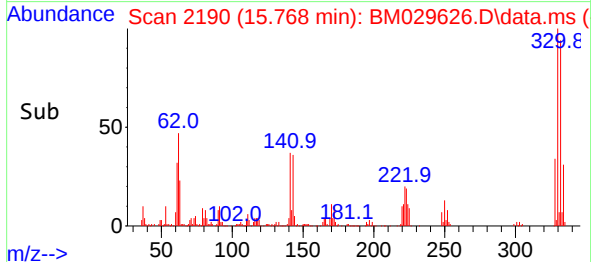
Instrument :
BNA_M
ClientSampled :
EO-04-042221



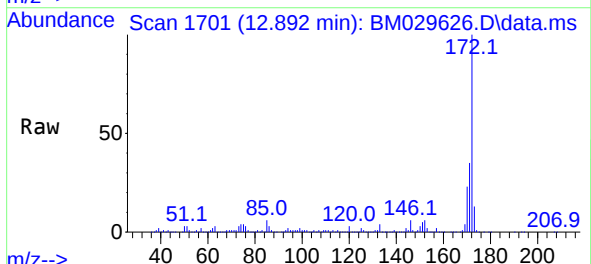
Tgt Ion:330 Resp: 151629
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 35.8 30.2 45.2

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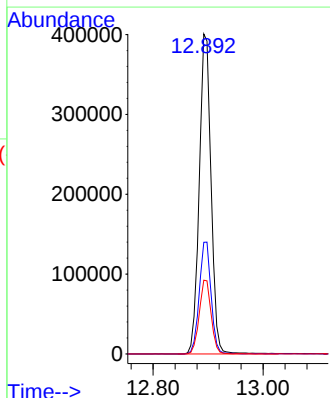
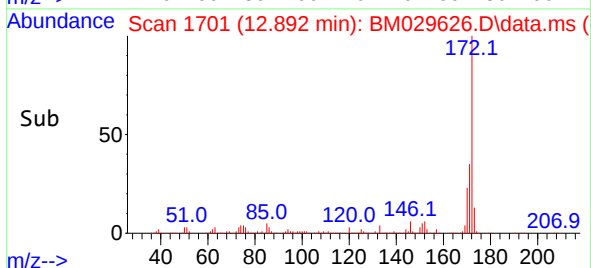
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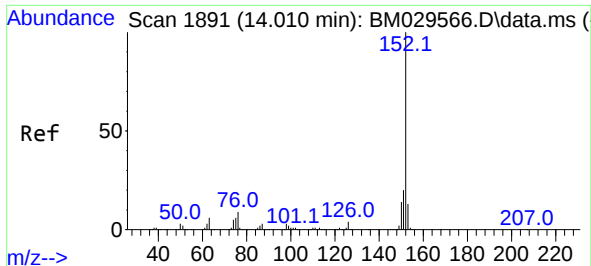


#45
2-Fluorobiphenyl
Concen: 34.10 ng
RT: 12.892 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09



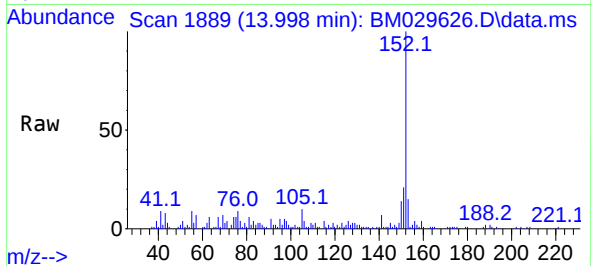
Tgt Ion:172 Resp: 599063
Ion Ratio Lower Upper
172 100
171 34.9 28.6 43.0
170 23.0 18.4 27.6





#49
Acenaphthylene
Concen: 2.18 ng
RT: 13.998 min Scan# 1889
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

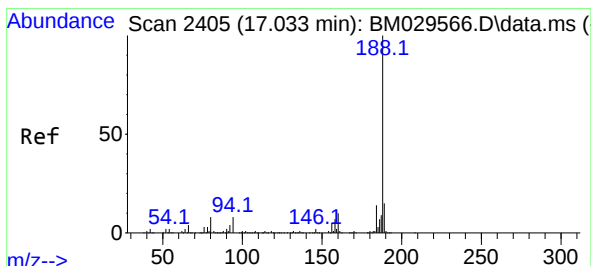
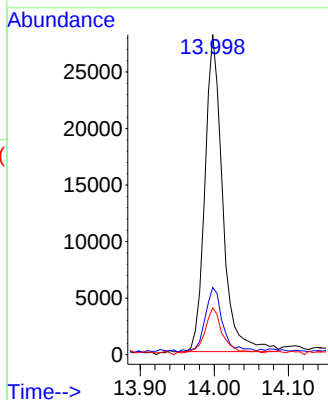
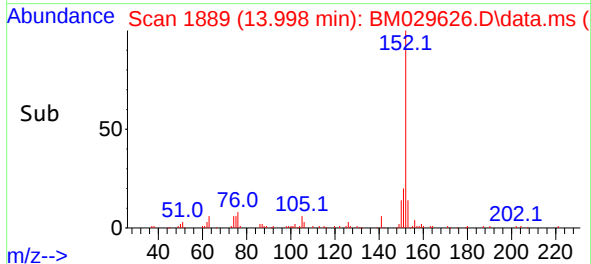
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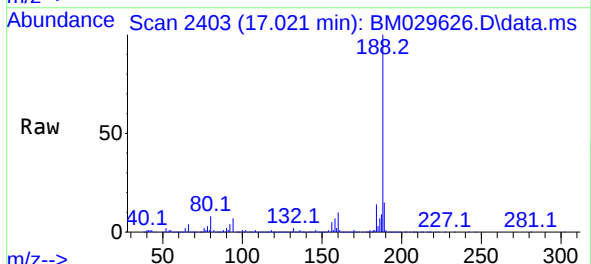
Tgt Ion:152 Resp: 46712
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 14.7 10.2 15.4

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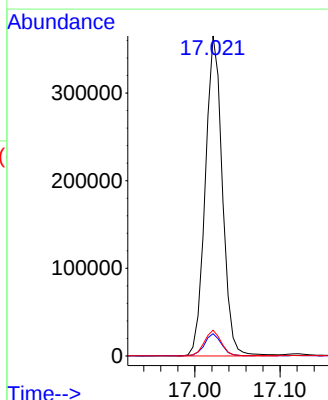
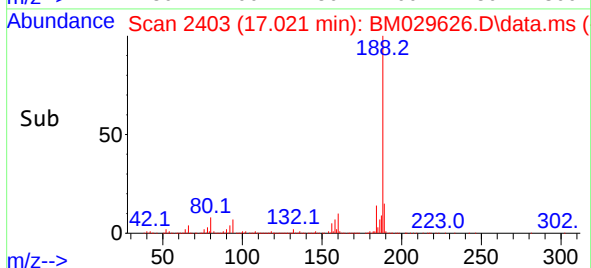
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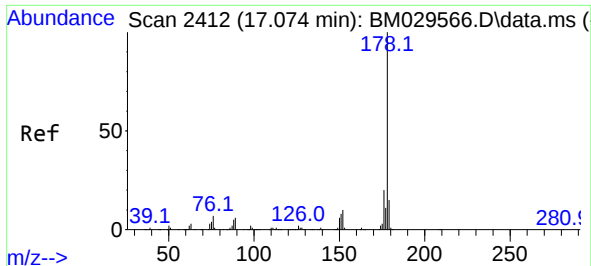


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.021 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09



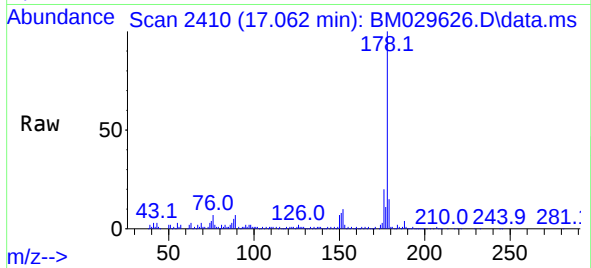
Tgt Ion:188 Resp: 508952
Ion Ratio Lower Upper
188 100
94 7.0 6.0 9.0
80 8.1 6.6 9.8





#71
Phenanthrene
Concen: 3.60 ng
RT: 17.062 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

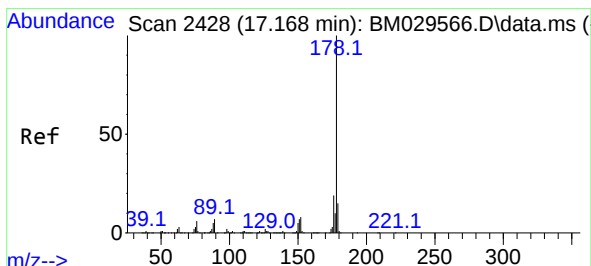
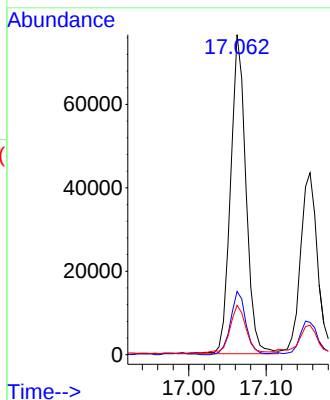
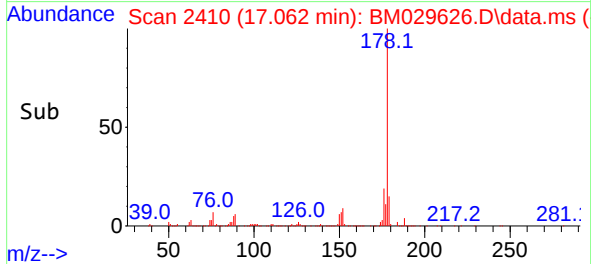
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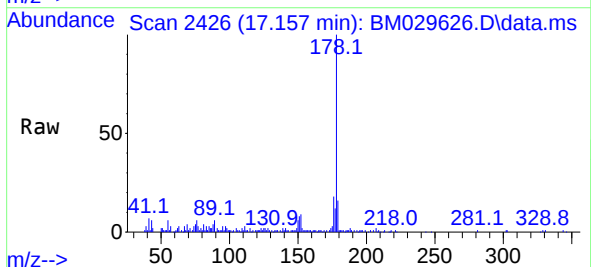
Tgt Ion:178 Resp: 105452
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 15.4 12.2 18.4

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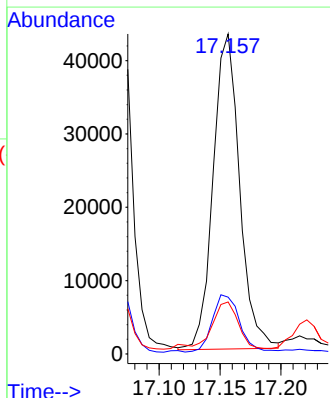
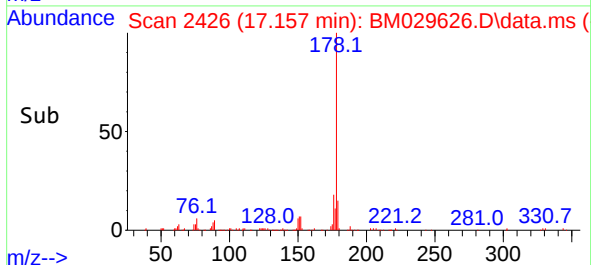
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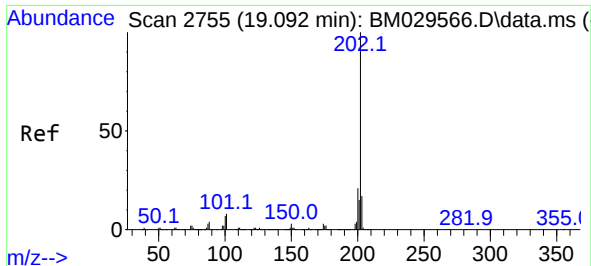


#72
Anthracene
Concen: 2.25 ng
RT: 17.157 min Scan# 2426
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09



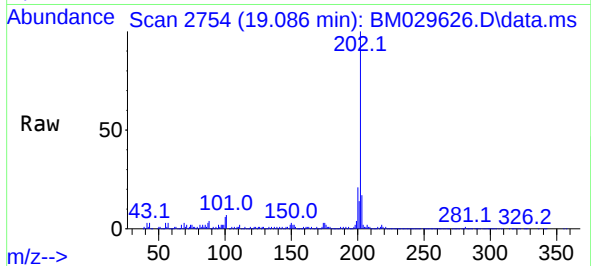
Tgt Ion:178 Resp: 65020
Ion Ratio Lower Upper
178 100
176 17.7 15.0 22.4
179 16.2 12.5 18.7





#75
Fluoranthene
Concen: 8.40 ng
RT: 19.086 min Scan# 2754
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

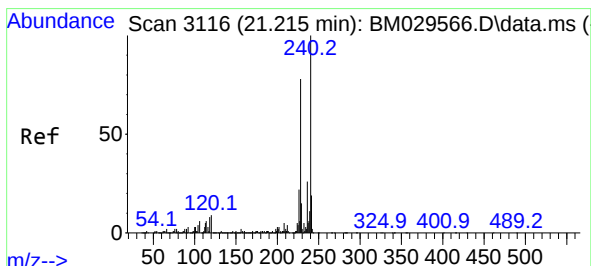
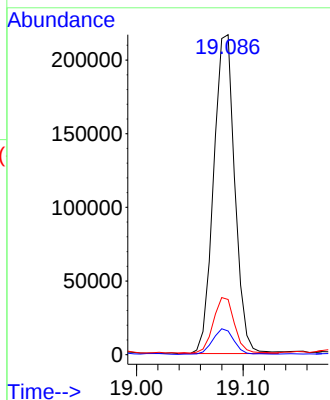
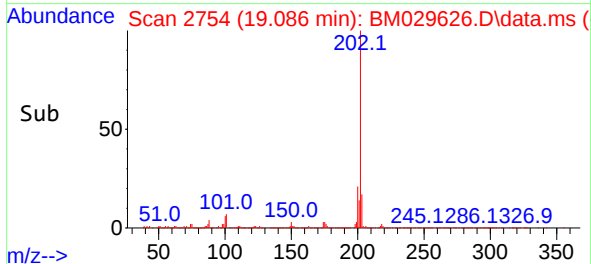
Instrument :
BNA_M
ClientSampleId :
EO-04-042221



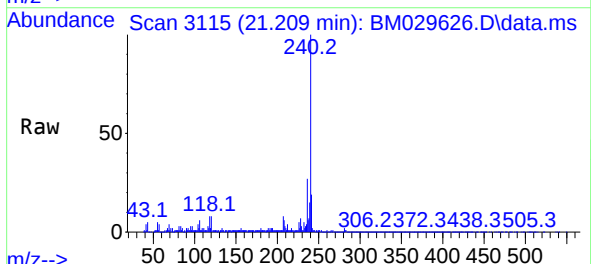
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Ion Ratio Lower Upper
202 100
101 7.4 0.0 28.6
203 17.2 0.0 37.3

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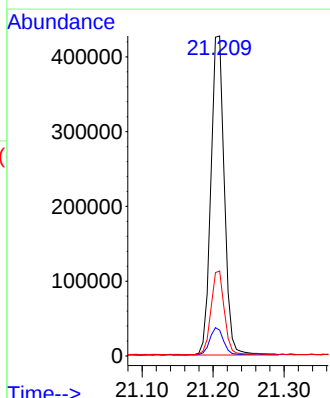
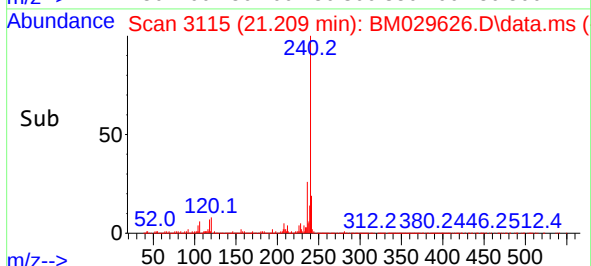
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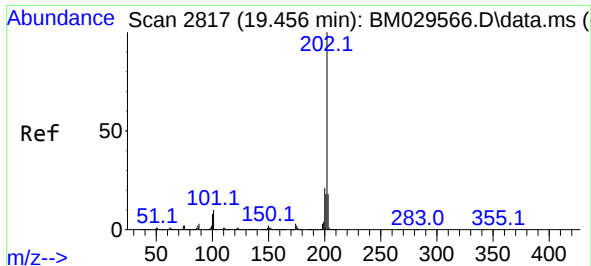


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.209 min Scan# 3115
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09



Tgt Ion:240 Resp: 561658
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 26.5 21.0 31.4





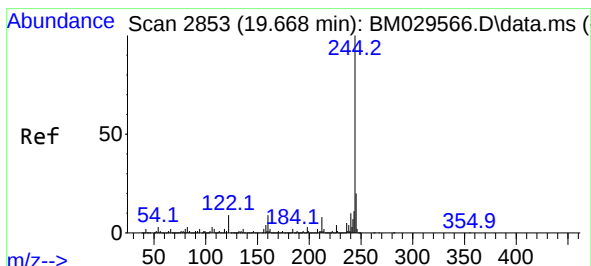
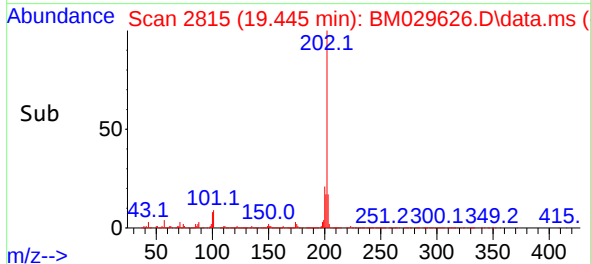
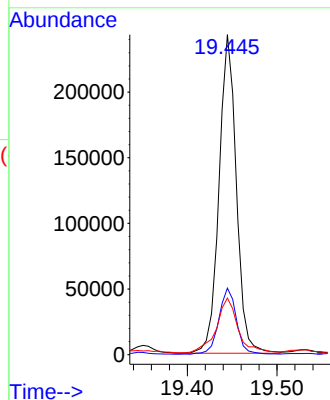
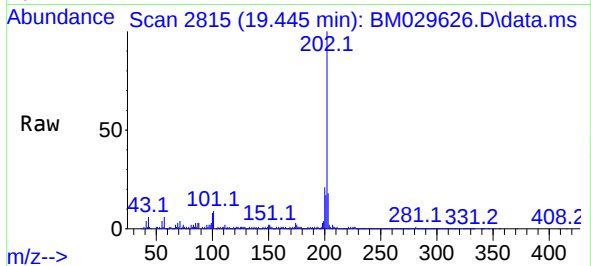
#78
Pyrene
Concen: 8.99 ng
RT: 19.445 min Scan# 2815
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:	202	Resp:	325010
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.3	25.9
203	17.7	13.9	20.9

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

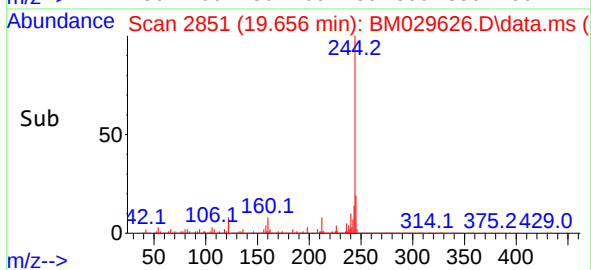
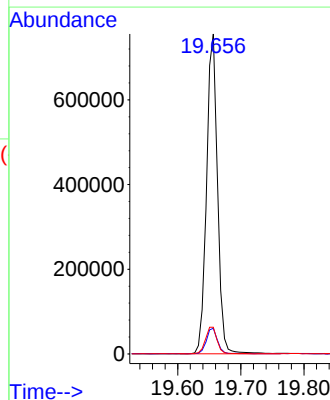
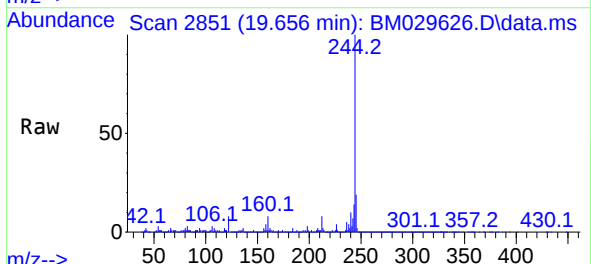
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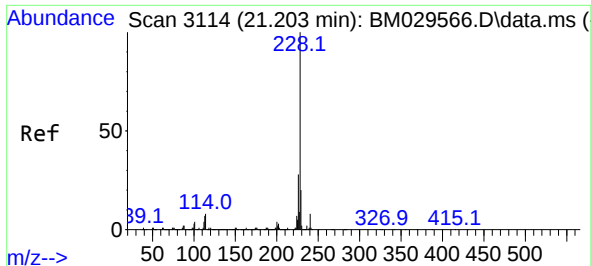
mohammad
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#79
Terphenyl-d14
Concen: 30.79 ng
RT: 19.656 min Scan# 2851
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:	244	Resp:	912253
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.3	9.5
122	8.4	6.9	10.3





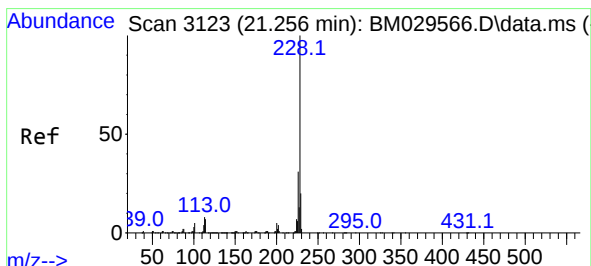
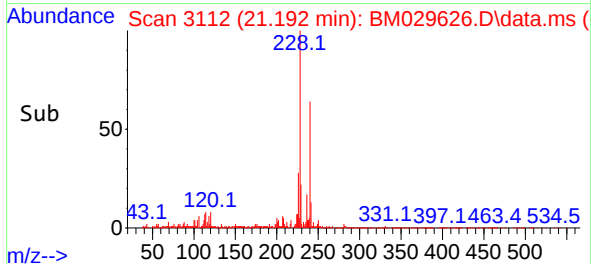
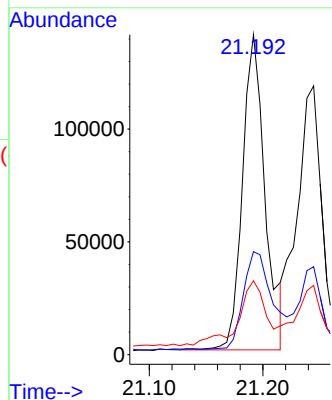
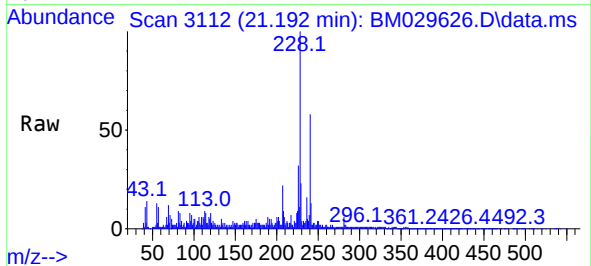
#81
Benzo(a)anthracene
Concen: 5.21 ng
RT: 21.192 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:228 Resp: 193490
Ion Ratio Lower Upper
228 100
226 32.2 22.3 33.5
229 23.1 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
EO-04-042221

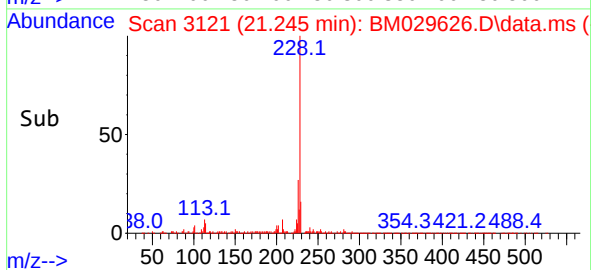
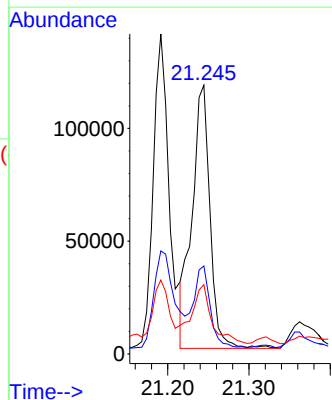
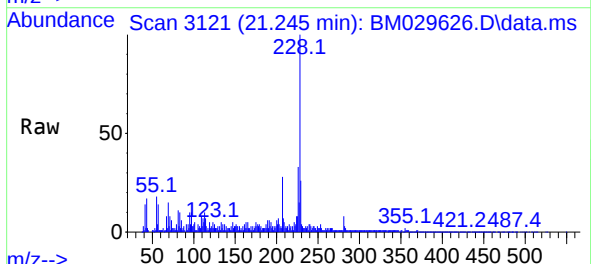
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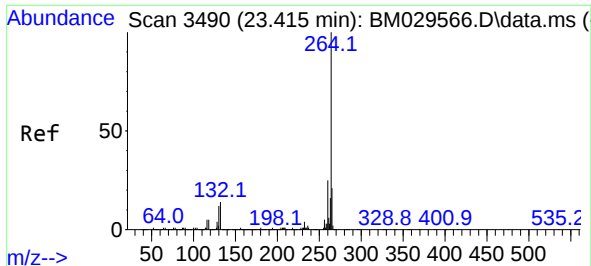
mohammad
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#83
Chrysene
Concen: 4.95 ng m
RT: 21.245 min Scan# 3121
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

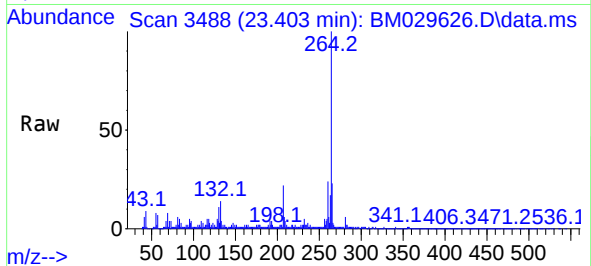
Tgt Ion:228 Resp: 180631
Ion Ratio Lower Upper
228 100
226 32.7 24.6 36.8
229 25.7 15.5 23.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.403 min Scan# 3488
Delta R.T. 0.012 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

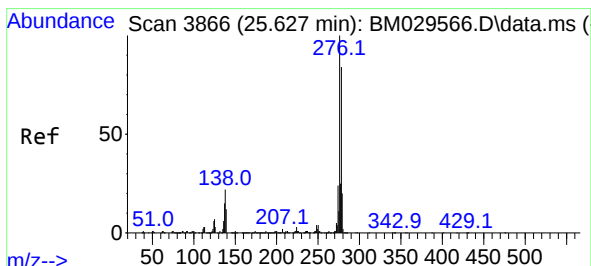
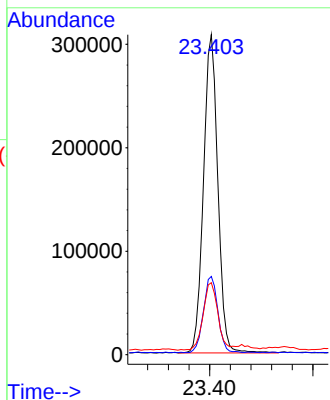
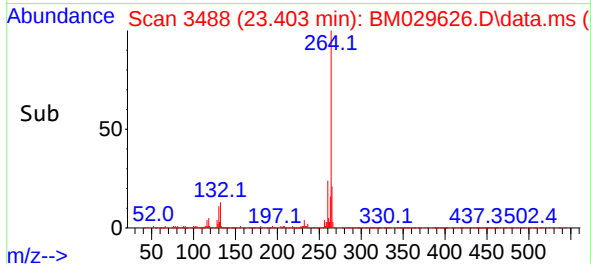
Instrument :
BNA_M
ClientSampleId :
EO-04-042221



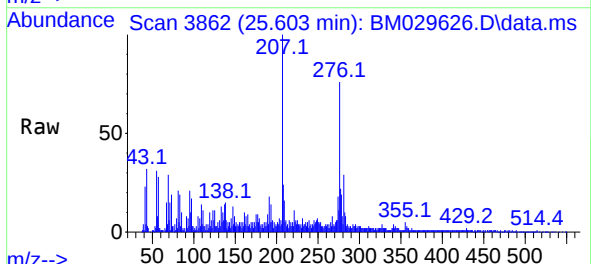
Tgt Ion:264 Resp: 592319
Ion Ratio Lower Upper
264 100
260 24.5 19.8 29.8
265 22.5 17.7 26.5

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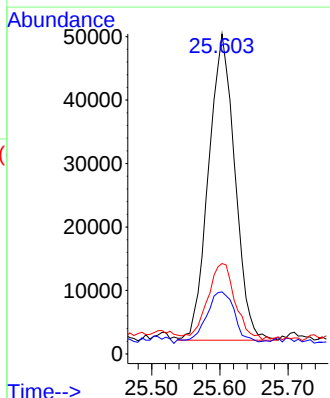
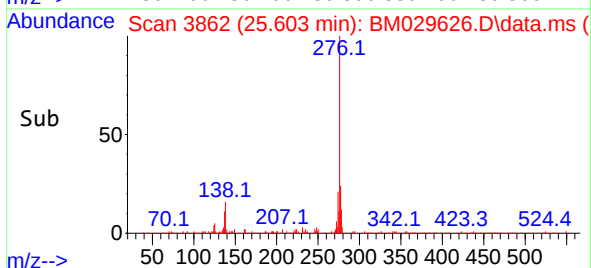
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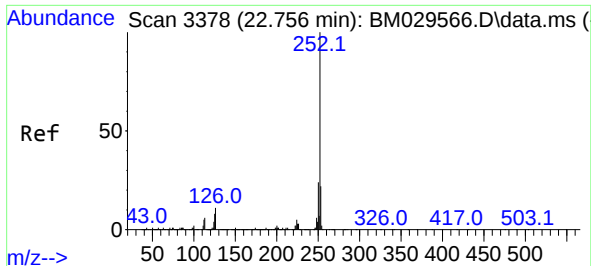


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.83 ng
RT: 25.603 min Scan# 3862
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09



Tgt Ion:276 Resp: 129406
Ion Ratio Lower Upper
276 100
138 18.7 17.1 25.7
277 25.4 20.3 30.5





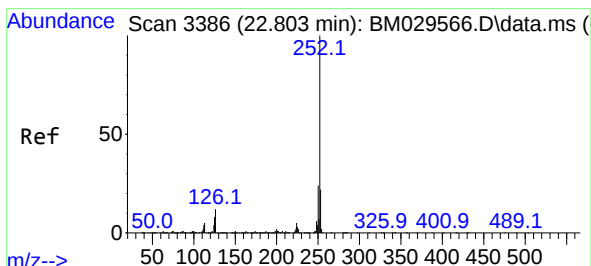
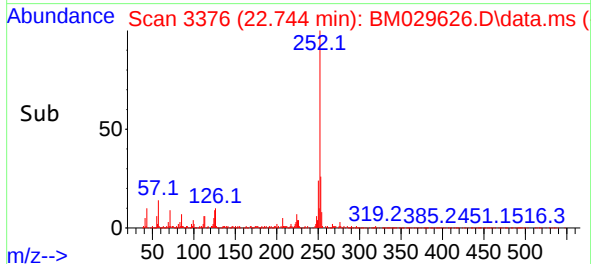
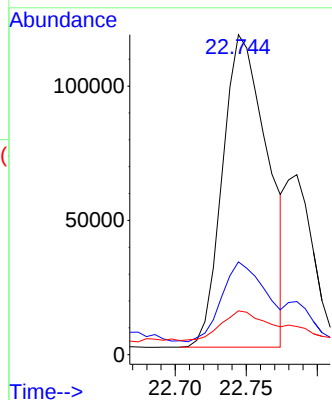
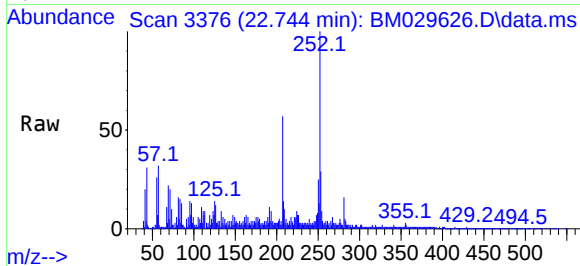
#88
Benzo(b)fluoranthene
Concen: 6.63 ng
RT: 22.744 min Scan# 3376
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:252 Resp: 256128
Ion Ratio Lower Upper
252 100
253 29.0 17.4 26.0#
125 13.7 6.8 10.2#

Instrument :
BNA_M
ClientSampled :
EO-04-042221

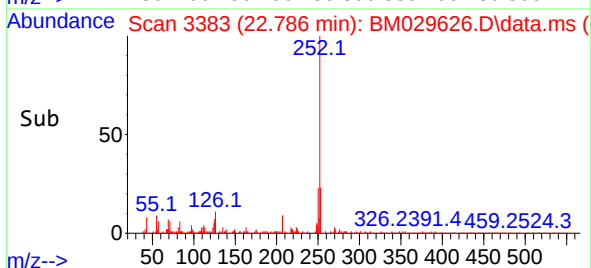
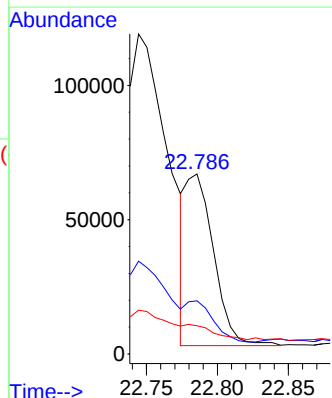
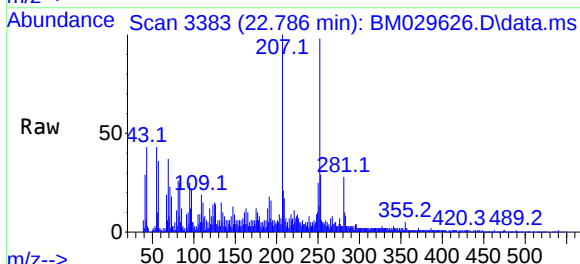
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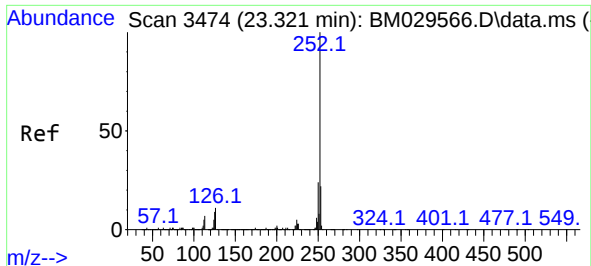
mohammad
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#89
Benzo(k)fluoranthene
Concen: 2.24 ng m
RT: 22.786 min Scan# 3383
Delta R.T. -0.000 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

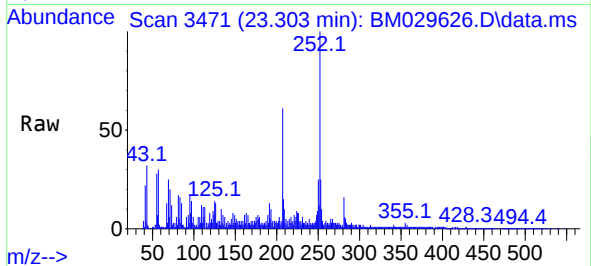
Tgt Ion:252 Resp: 86806
Ion Ratio Lower Upper
252 100
253 29.5 17.4 26.2#
125 15.7 6.2 9.2#





#90
Benzo(a)pyrene
Concen: 5.33 ng
RT: 23.303 min Scan# 3471
Delta R.T. 0.006 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

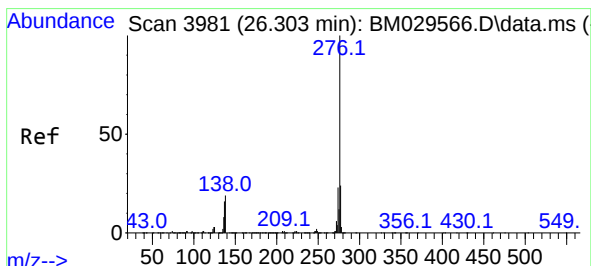
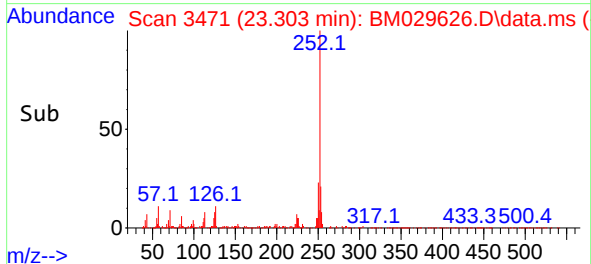
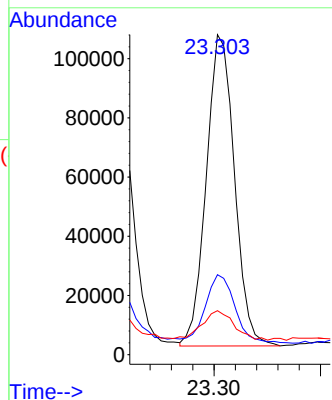
Instrument :
BNA_M
ClientSampleId :
EO-04-042221



Tgt Ion:252 Resp: 193381
Ion Ratio Lower Upper
252 100
253 25.0 17.7 26.5
125 13.8 7.3 10.9#

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#92
Benzo(g,h,i)perylene
Concen: 3.66 ng
RT: 26.279 min Scan# 3977
Delta R.T. 0.012 min
Lab File: BM029626.D
Acq: 23 Apr 2021 23:09

Tgt Ion:276 Resp: 133787
Ion Ratio Lower Upper
276 100
277 25.2 19.4 29.2
138 20.8 14.4 21.6

