

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042421\
 Data File : BM029642.D
 Acq On : 24 Apr 2021 17:55
 Operator : CG/JU
 Sample : M2132-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-1-COMP

Manual Integrations
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mohammad
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Quant Time: Apr 26 03:07:18 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	7.622	152	90011	20.00	ng	-0.01
21) Naphthalene-d8	10.404	136	310595	20.00	ng	-0.01
39) Acenaphthene-d10	14.268	164	199697	20.00	ng	-0.01
64) Phenanthrene-d10	17.015	188	438515	20.00	ng	0.00
76) Chrysene-d12	21.197	240	485882	20.00	ng	0.00
86) Perylene-d12	23.385	264	520788	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	490854	109.33	ng	0.00
7) Phenol-d6	6.804	99	601767	89.74	ng	0.00
23) Nitrobenzene-d5	8.781	82	413546	68.58	ng	0.00
42) 2,4,6-Tribromophenol	15.762	330	283413	102.62	ng	0.00
45) 2-Fluorobiphenyl	12.886	172	1051475	71.47	ng	-0.01
79) Terphenyl-d14	19.645	244	1590501	62.06	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.733	163	31497	2.09	ng	98
71) Phenanthrene	17.056	178	149470	5.92	ng	100
75) Fluoranthene	19.074	202	256104	8.36	ng	99
78) Pyrene	19.439	202	236104	7.55	ng	98
81) Benzo(a)anthracene	21.180	228	136304	4.24	ng	96
83) Chrysene	21.233	228	114519m	3.63	ng	
88) Benzo(b)fluoranthene	22.733	252	127763m	3.76	ng	
90) Benzo(a)pyrene	23.285	252	113553	3.56	ng	# 94

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

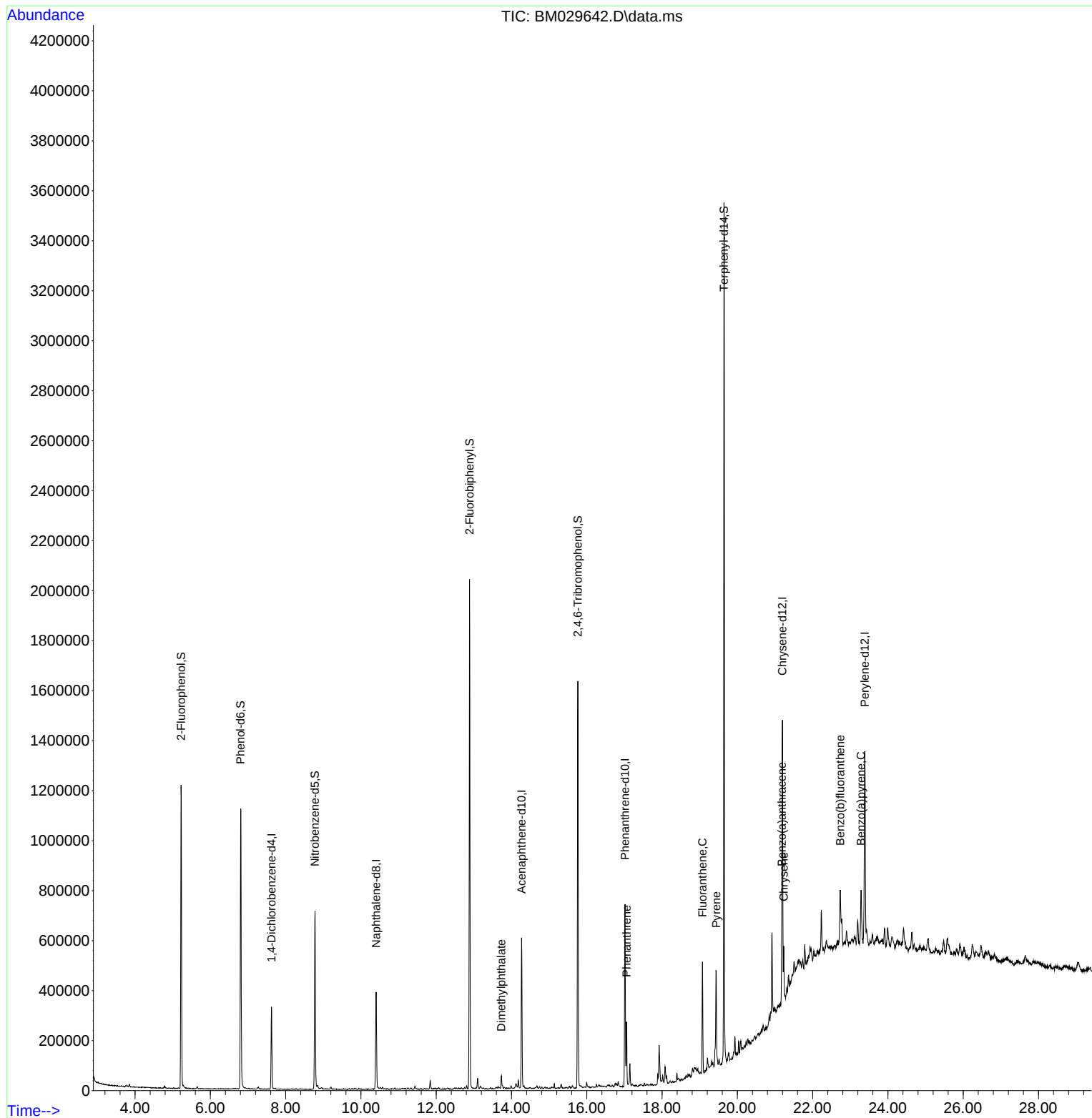
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Data File : BM029642.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

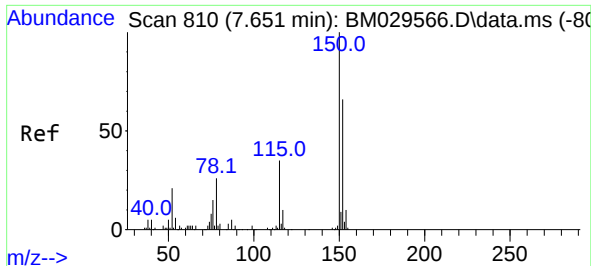
Instrument :
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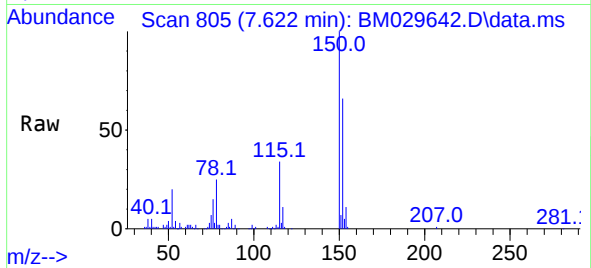
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
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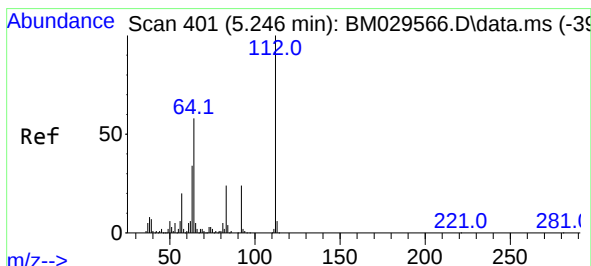
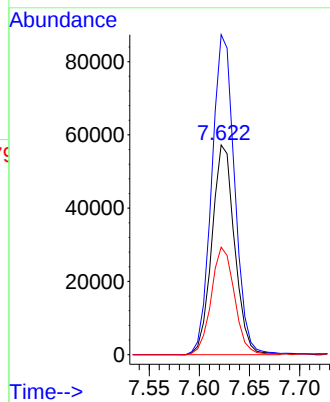
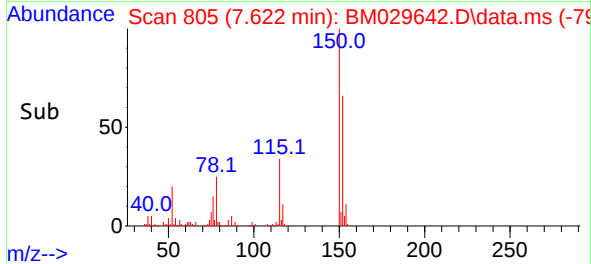




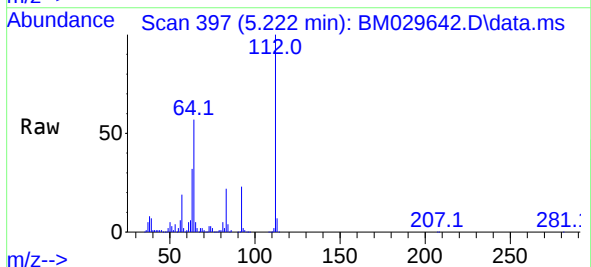
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.622 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55



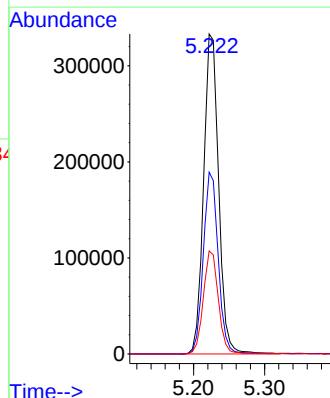
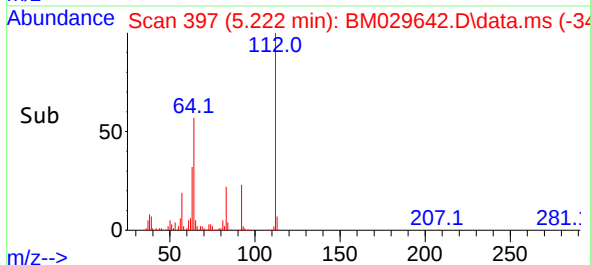
Tgt Ion:152 Resp: 90011
Ion Ratio Lower Upper
152 100
150 152.5 125.9 188.9
115 51.3 44.6 67.0



#5
2-Fluorophenol
Concen: 109.33 ng
RT: 5.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55



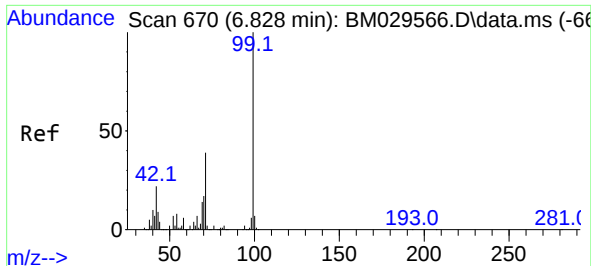
Tgt Ion:112 Resp: 490854
Ion Ratio Lower Upper
112 100
64 56.8 47.1 70.7
63 32.2 27.3 40.9



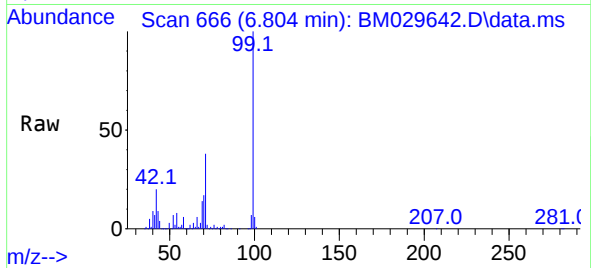
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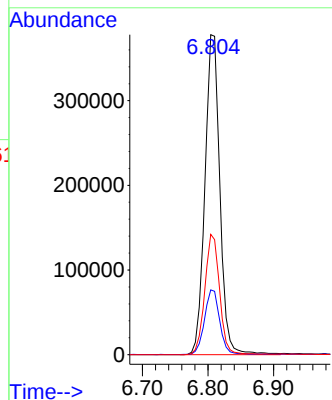
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#7
Phenol-d6
Concen: 89.74 ng
RT: 6.804 min Scan# 666
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55



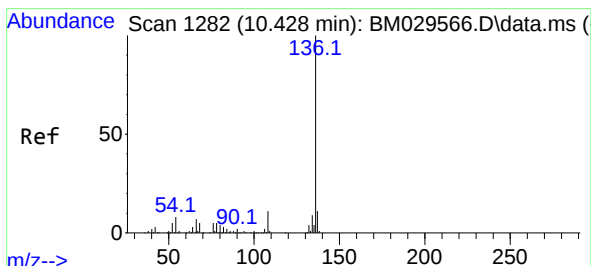
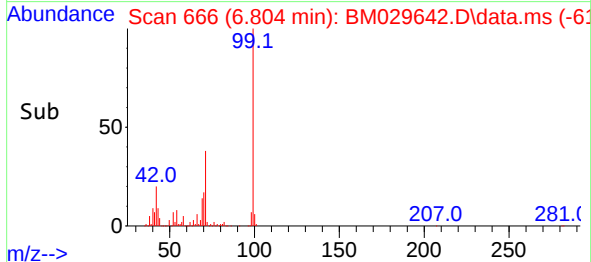
Tgt Ion: 99 Resp: 601767
Ion Ratio Lower Upper
99 100
42 20.2 18.0 27.0
71 37.6 30.9 46.3



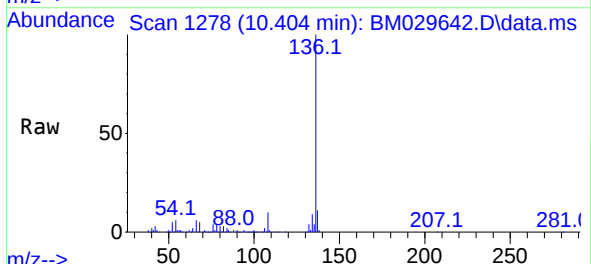
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BNA_M
ClientSampleId :
TP-1-COMP

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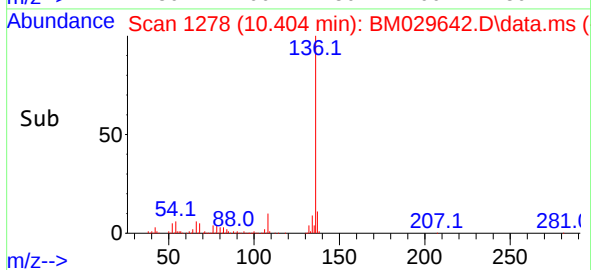
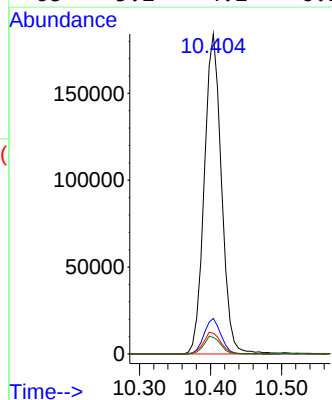
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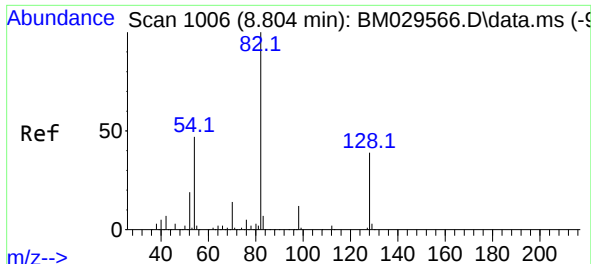


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.404 min Scan# 1278
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

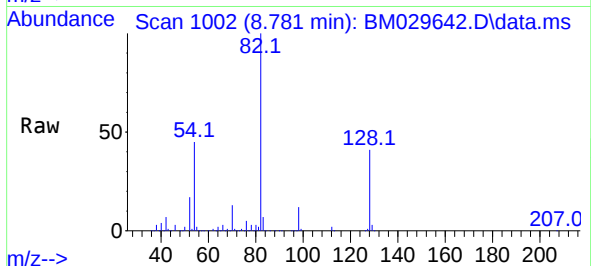


Tgt Ion: 136 Resp: 310595
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 6.5 5.5 8.3
68 5.2 4.2 6.2

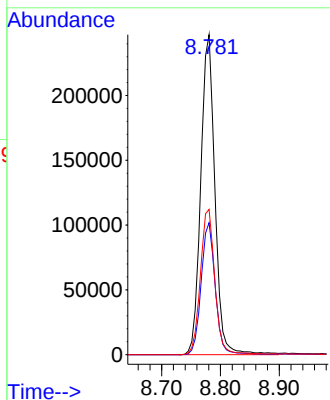
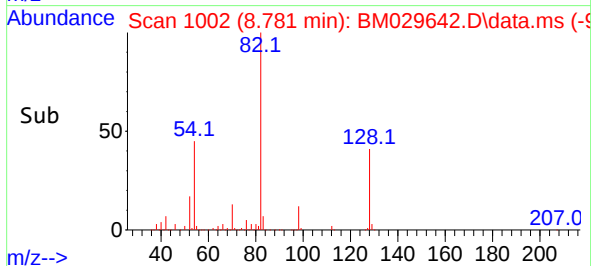




#23
Nitrobenzene-d5
Concen: 68.58 ng
RT: 8.781 min Scan# 1002
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55



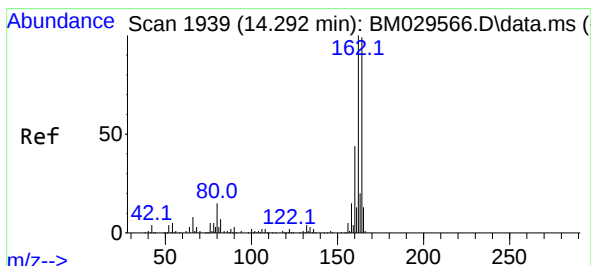
Tgt Ion: 82 Resp: 413546
Ion Ratio Lower Upper
82 100
128 41.3 31.1 46.7
54 45.4 37.3 55.9



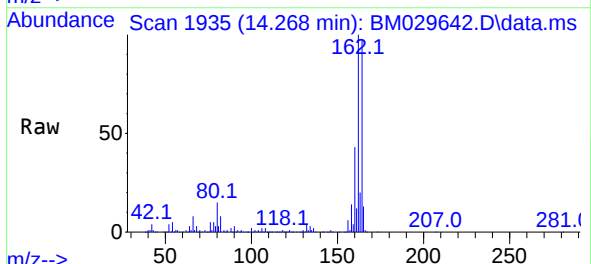
Instrument :
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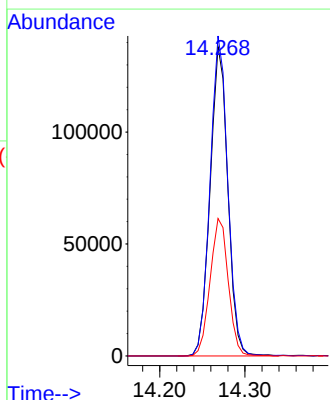
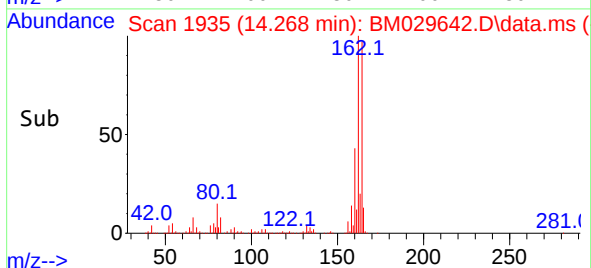
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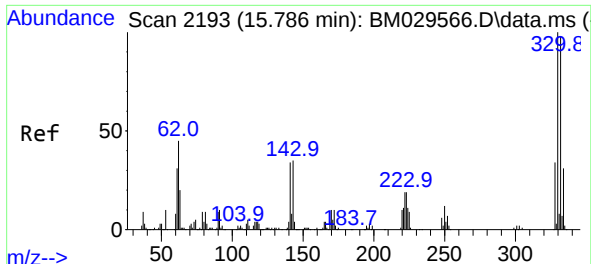


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.268 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55



Tgt Ion:164 Resp: 199697
Ion Ratio Lower Upper
164 100
162 103.5 83.4 125.0
160 44.5 37.2 55.8





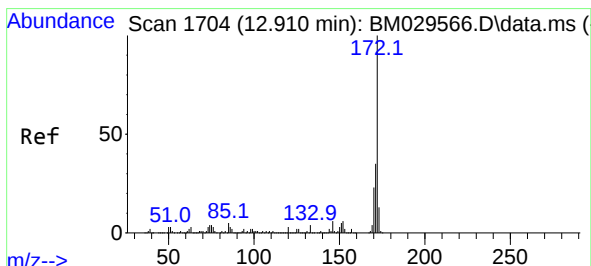
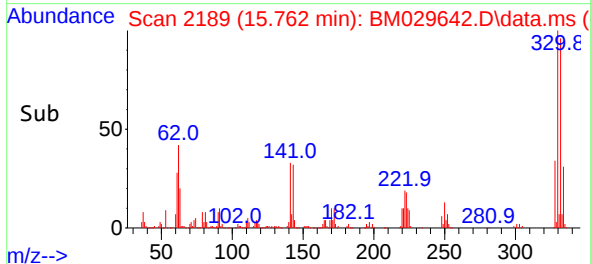
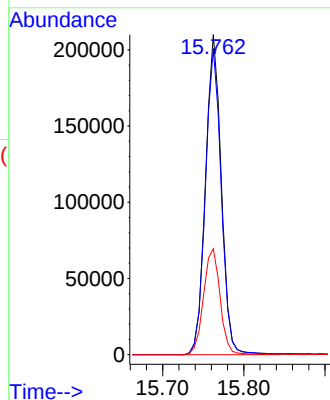
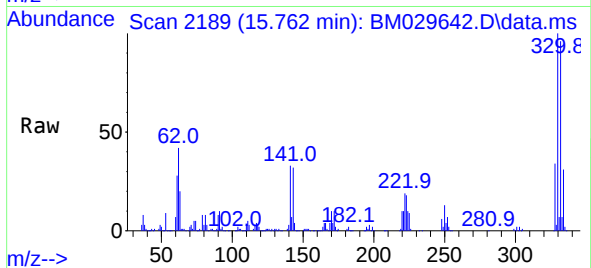
#42
2,4,6-Tribromophenol
Concen: 102.62 ng
RT: 15.762 min Scan# 2189
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:330 Resp: 283413
Ion Ratio Lower Upper
330 100
332 96.3 77.0 115.4
141 34.8 30.2 45.2

Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

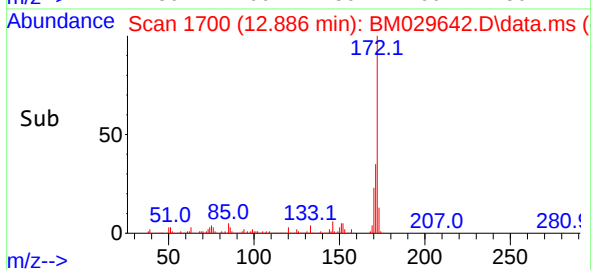
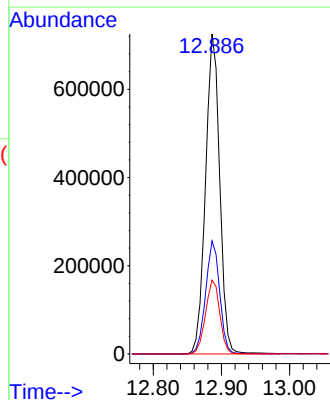
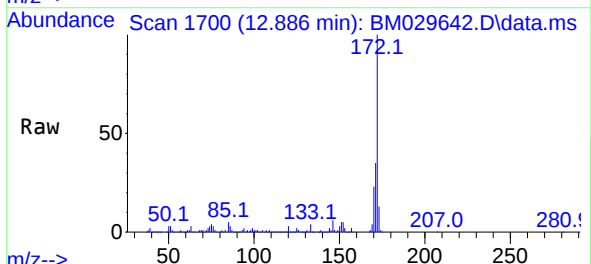
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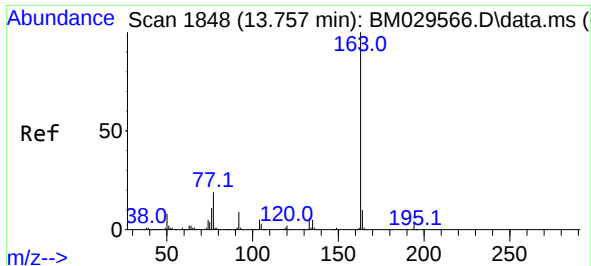
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#45
2-Fluorobiphenyl
Concen: 71.47 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:172 Resp: 1051475
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.1 18.4 27.6





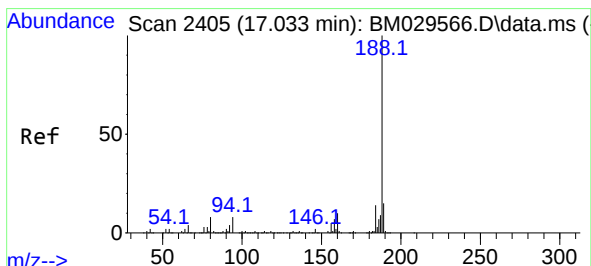
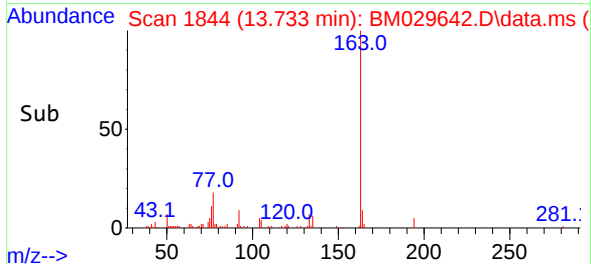
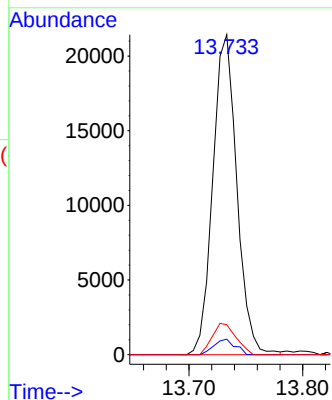
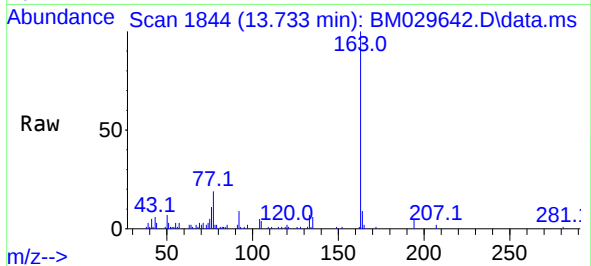
#50
Dimethylphthalate
Concen: 2.09 ng
RT: 13.733 min Scan# 1844
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:	163	Resp:	31497
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.3	4.9
164	9.4	7.9	11.9

Instrument :
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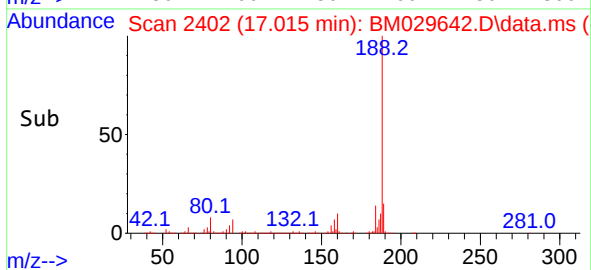
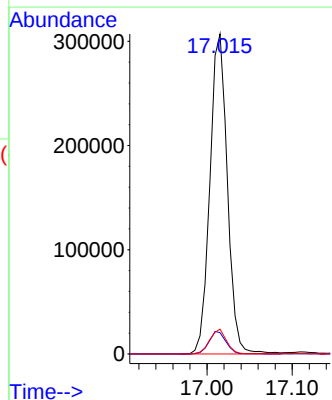
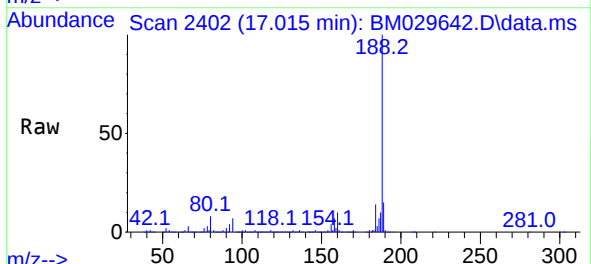
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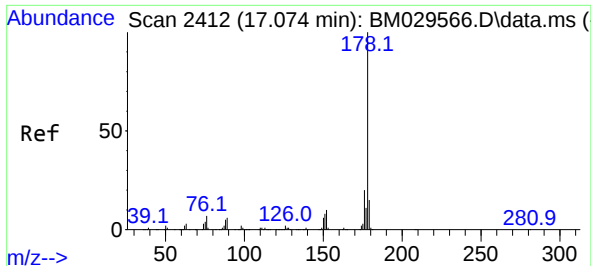
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.015 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:	188	Resp:	438515
Ion Ratio	Lower	Upper	
188	100		
94	6.6	6.0	9.0
80	7.8	6.6	9.8





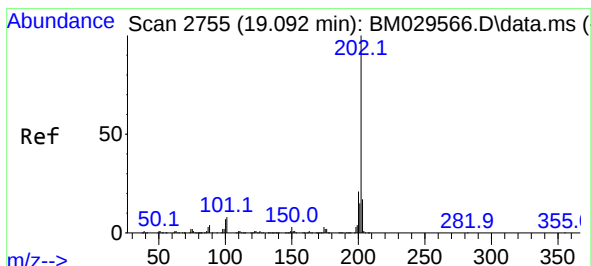
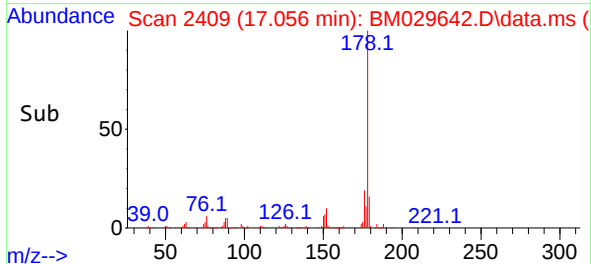
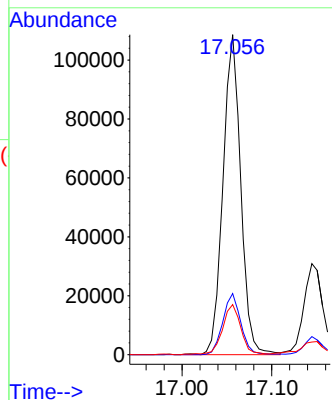
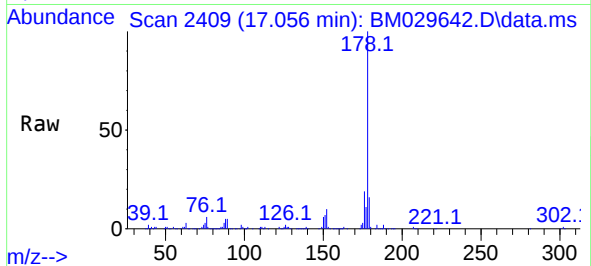
#71
Phenanthrene
Concen: 5.92 ng
RT: 17.056 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:178 Resp: 149470
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.6 12.2 18.4

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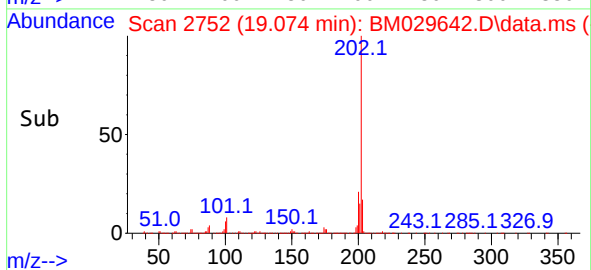
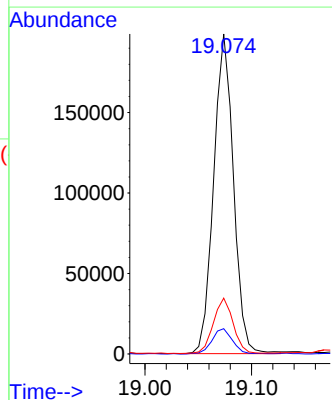
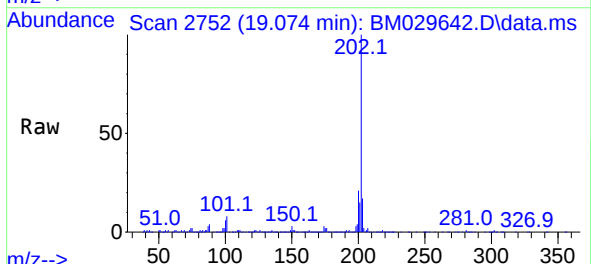
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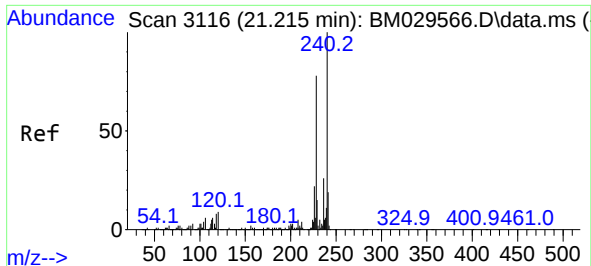
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#75
Fluoranthene
Concen: 8.36 ng
RT: 19.074 min Scan# 2752
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:202 Resp: 256104
Ion Ratio Lower Upper
202 100
101 7.9 0.0 28.6
203 17.4 0.0 37.3





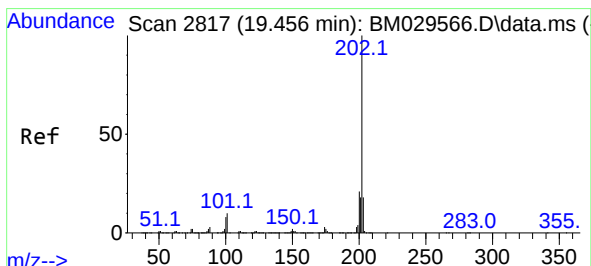
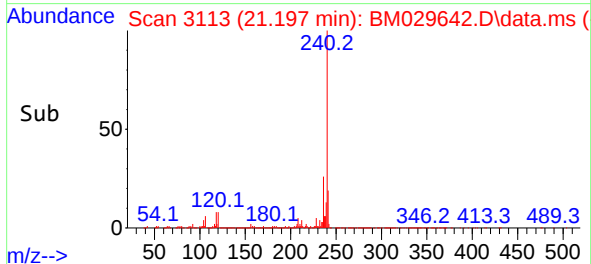
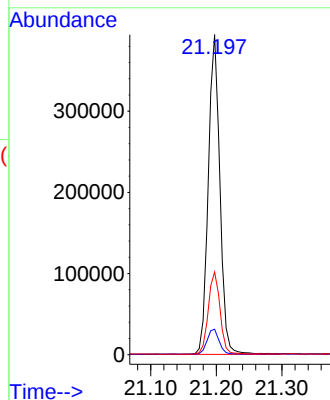
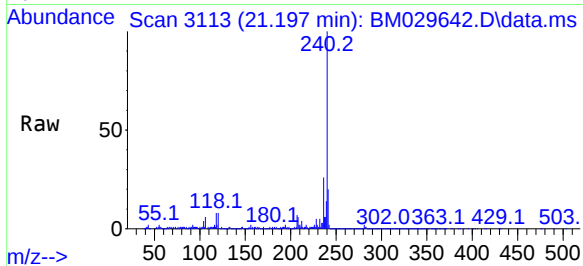
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.197 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:240 Resp: 485882
Ion Ratio Lower Upper
240 100
120 8.0 7.0 10.6
236 25.9 21.0 31.4

Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

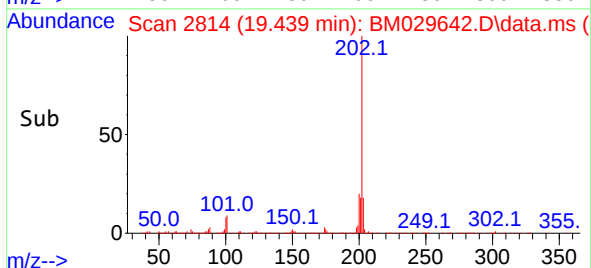
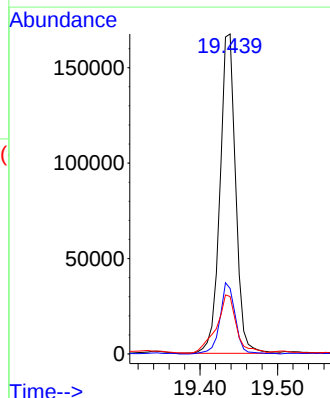
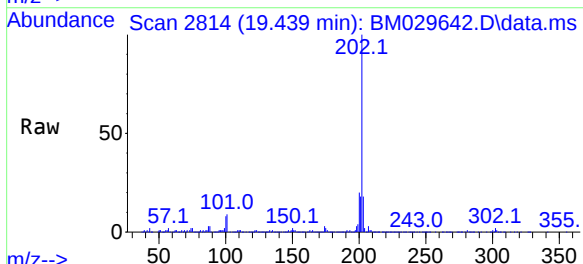
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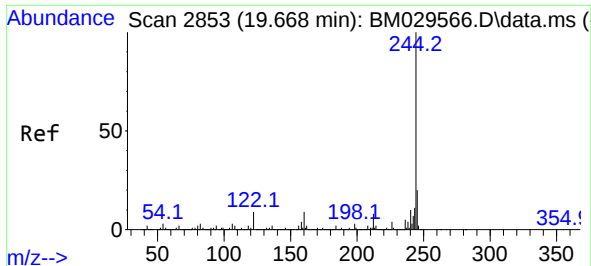
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#78
Pyrene
Concen: 7.55 ng
RT: 19.439 min Scan# 2814
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:202 Resp: 236104
Ion Ratio Lower Upper
202 100
200 20.5 17.3 25.9
203 17.9 13.9 20.9





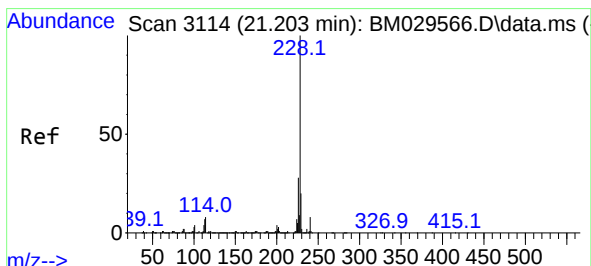
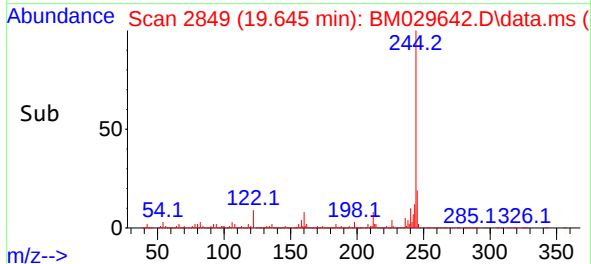
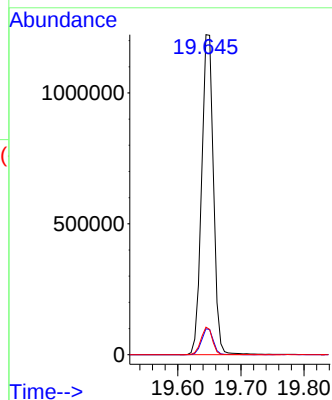
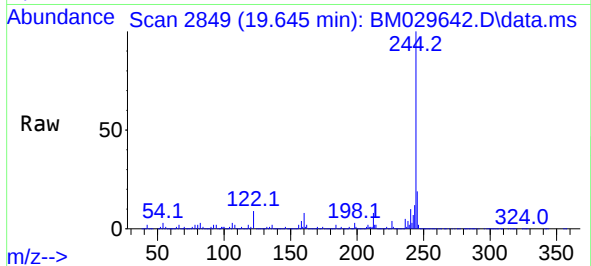
#79
Terphenyl-d14
Concen: 62.06 ng
RT: 19.645 min Scan# 2849
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:244 Resp: 1590501
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 8.6 6.9 10.3

Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

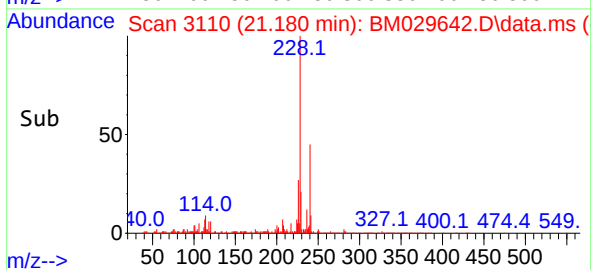
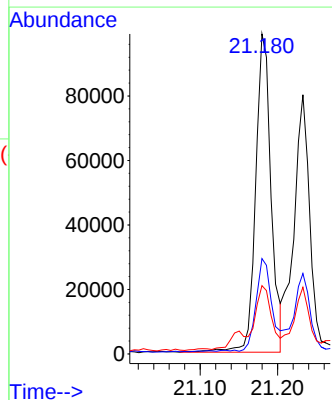
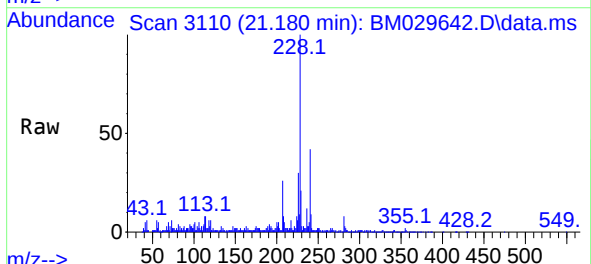
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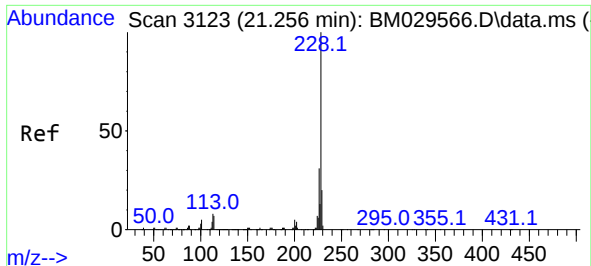
mohammad
4/26/2021 11:39:16 AM



#81
Benzo(a)anthracene
Concen: 4.24 ng
RT: 21.180 min Scan# 3110
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:228 Resp: 136304
Ion Ratio Lower Upper
228 100
226 29.8 22.3 33.5
229 21.3 15.7 23.5





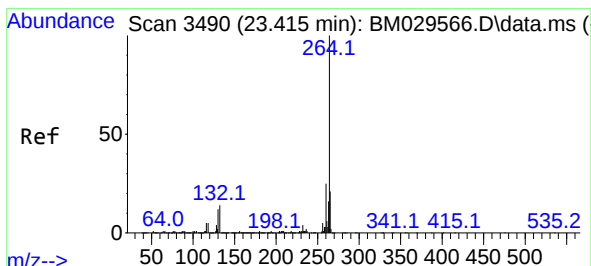
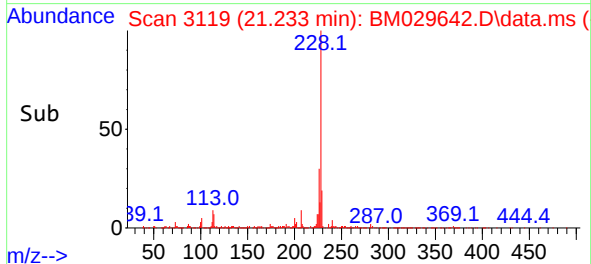
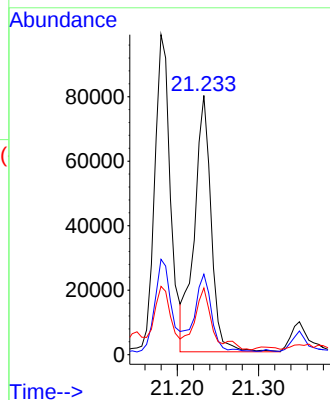
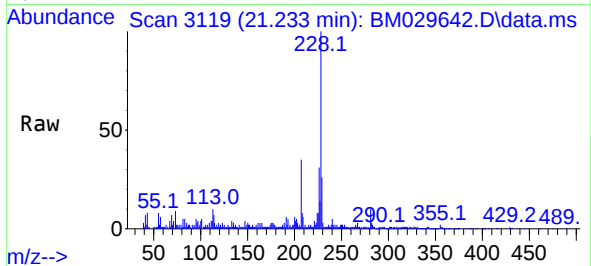
#83
Chrysene
Concen: 3.63 ng m
RT: 21.233 min Scan# 3119
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion: 228 Resp: 114519
Ion Ratio Lower Upper
228 100
226 31.0 24.6 36.8
229 25.8 15.5 23.3#

Instrument :
BNA_M
ClientSampled :
TP-1-COMP

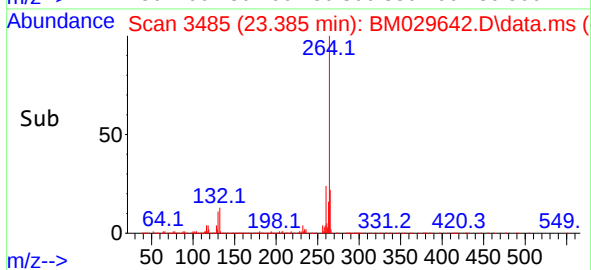
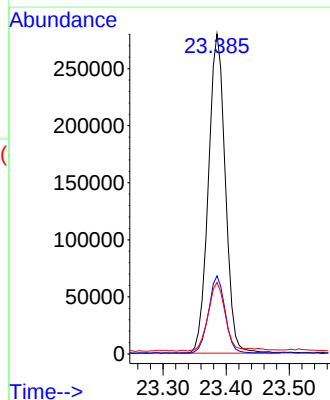
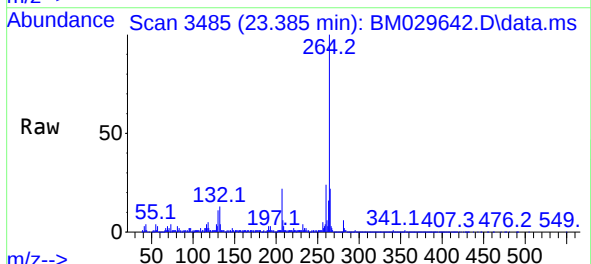
Manual Integrations
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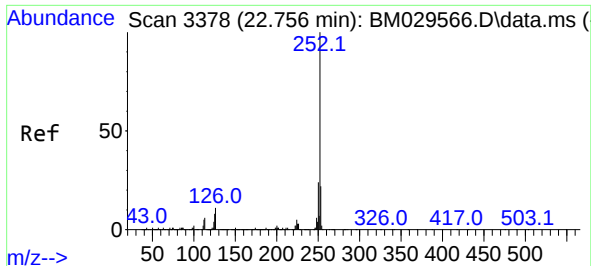
mohammad
4/26/2021 11:39:16 AM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.385 min Scan# 3485
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion: 264 Resp: 520788
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 22.4 17.7 26.5





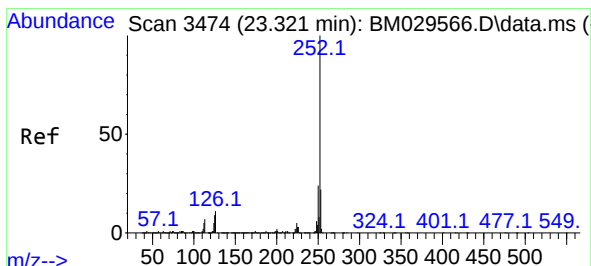
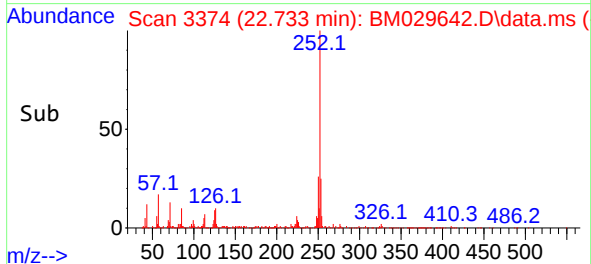
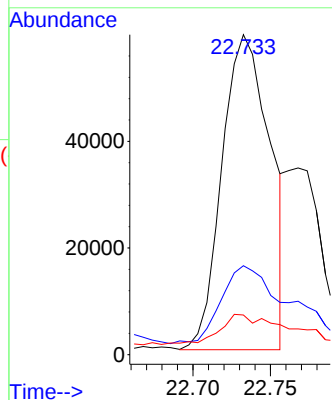
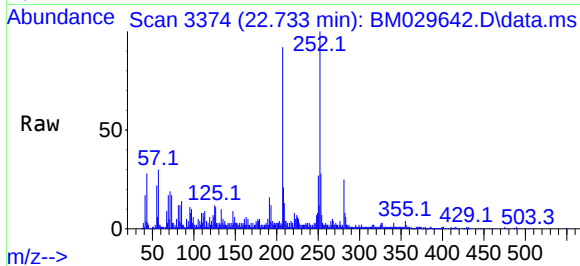
#88
Benzo(b)fluoranthene
Concen: 3.76 ng m
RT: 22.733 min Scan# 3374
Delta R.T. -0.006 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:252 Resp: 127763
Ion Ratio Lower Upper
252 100
253 27.8 17.4 26.0#
125 12.4 6.8 10.2#

Instrument :
BNA_M
ClientSampleId :
TP-1-COMP

Manual Integrations
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mohammad
4/26/2021 11:39:16 AM



#90
Benzo(a)pyrene
Concen: 3.56 ng
RT: 23.285 min Scan# 3468
Delta R.T. -0.012 min
Lab File: BM029642.D
Acq: 24 Apr 2021 17:55

Tgt Ion:252 Resp: 113553
Ion Ratio Lower Upper
252 100
253 24.9 17.7 26.5
125 11.1 7.3 10.9#

