

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012821\
 Data File : BM028592.D
 Acq On : 28 Jan 2021 17:57
 Operator : CG/JU
 Sample : M1255-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CRT-13

Manual Integrations
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 1/29/2021 10:34:12 AM

Quant Time: Jan 28 23:36:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 27 13:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	34299	20.00	ng	0.00
21) Naphthalene-d8	10.780	136	135345	20.00	ng	# 0.00
39) Acenaphthene-d10	14.610	164	72087	20.00	ng	-0.01
64) Phenanthrene-d10	17.345	188	136492	20.00	ng	0.00
76) Chrysene-d12	21.480	240	128544	20.00	ng	# 0.00
86) Perylene-d12	23.744	264	131898	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	174567	80.40	ng	-0.02
7) Phenol-d6	7.157	99	221307	74.86	ng	-0.03
23) Nitrobenzene-d5	9.139	82	136379	47.79	ng	-0.01
42) 2,4,6-Tribromophenol	16.098	330	71895	75.27	ng	-0.01
45) 2-Fluorobiphenyl	13.233	172	279870	48.71	ng	0.00
79) Terphenyl-d14	19.939	244	307026	43.13	ng	0.00
Target Compounds						Qvalue
10) Phenol	7.181	94	8036	2.88	ng	93
75) Fluoranthene	19.380	202	28928	3.07	ng	96
78) Pyrene	19.739	202	42874	4.65	ng	99
81) Benzo(a)anthracene	21.462	228	26262	2.96	ng	98
83) Chrysene	21.515	228	27155	3.17	ng	98
88) Benzo(b)fluoranthene	23.062	252	25005m	2.79	ng	
90) Benzo(a)pyrene	23.644	252	22623	2.73	ng	# 89

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

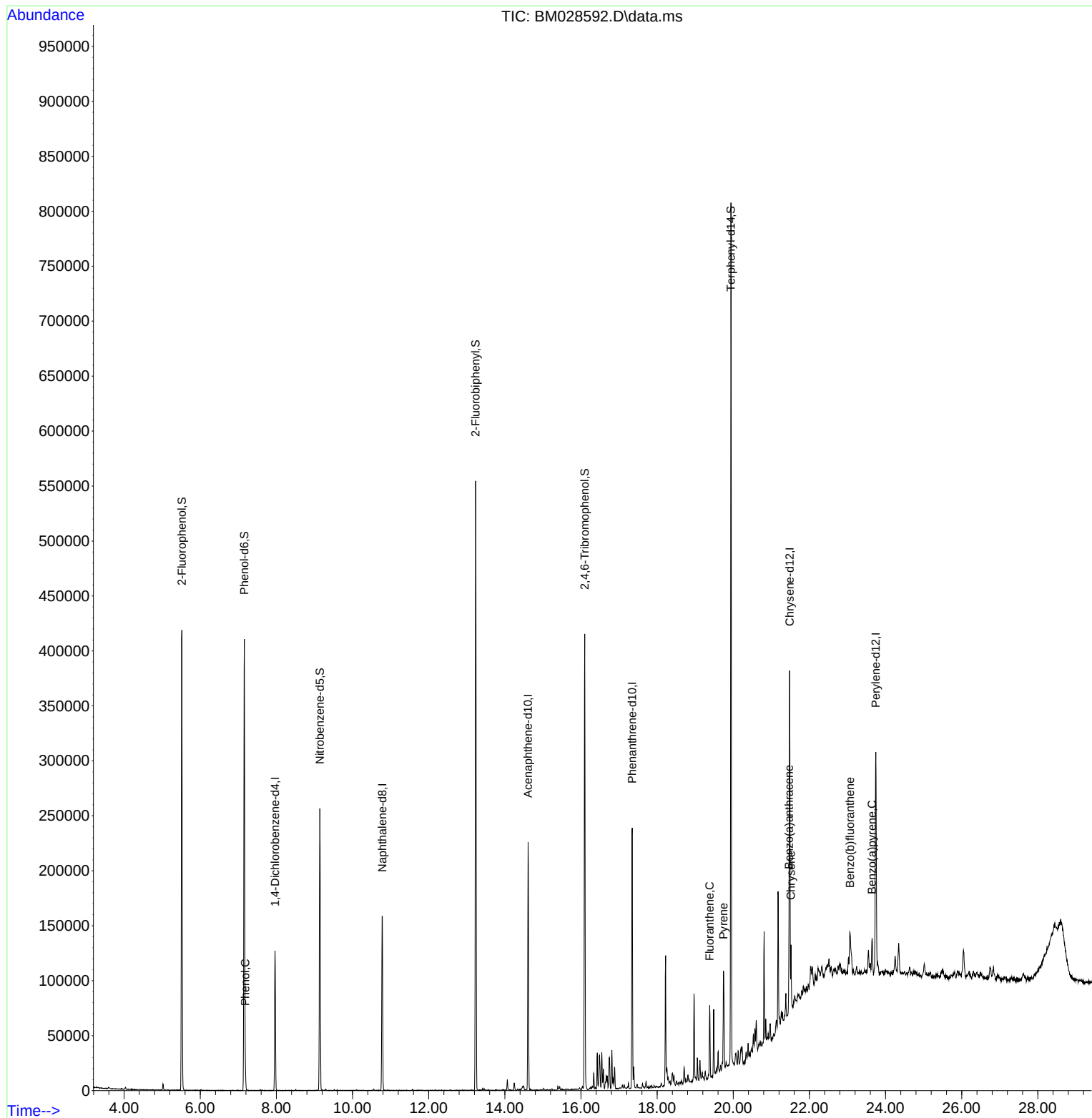
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Data File : BM028592.D
Acq On : 28 Jan 2021 17:57
Operator : CG/JU
Sample : M1255-06
Misc :
ALS Vial : 11 Sample Multiplier: 1

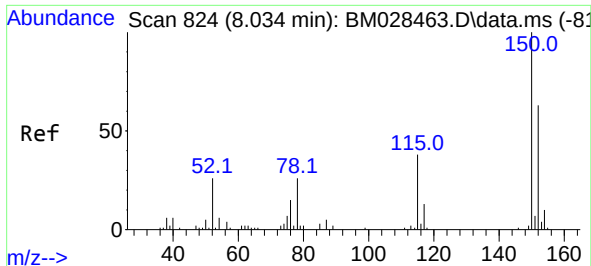
Instrument :
BNA_M
ClientSampleId :
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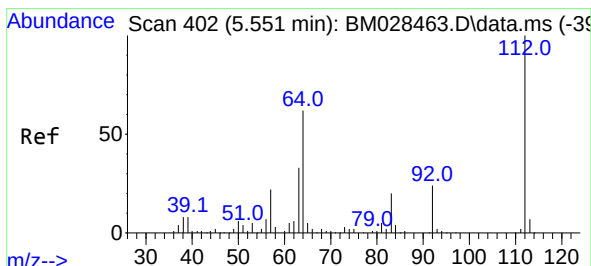
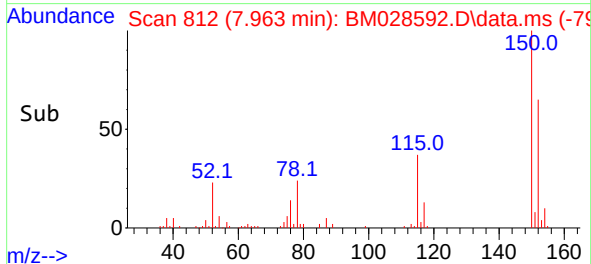
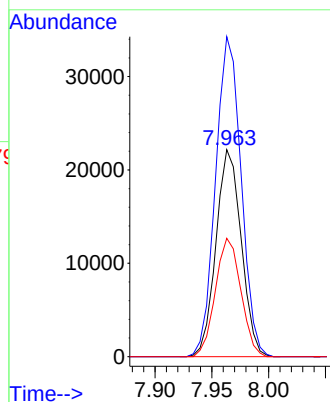
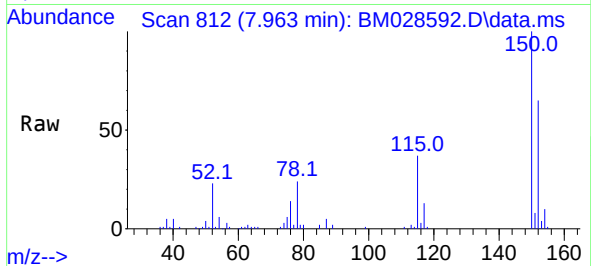
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.963 min Scan# 812
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:152 Resp: 34299
Ion Ratio Lower Upper
152 100
150 154.6 120.6 181.0
115 57.2 47.2 70.8

Instrument :
BNA_M
ClientSampled :
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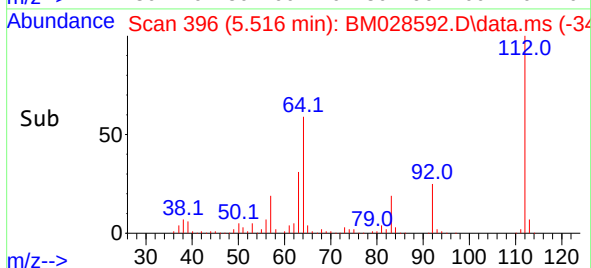
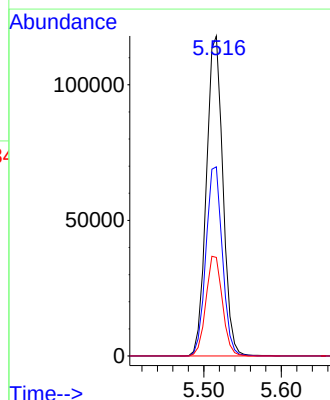
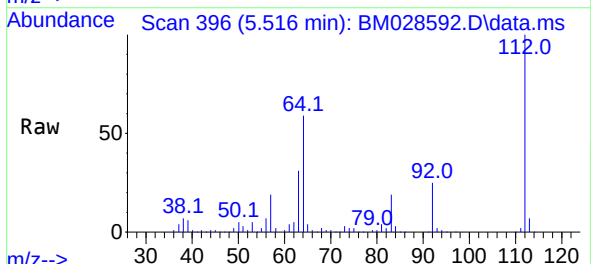
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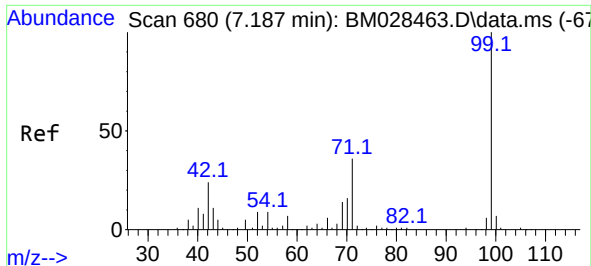
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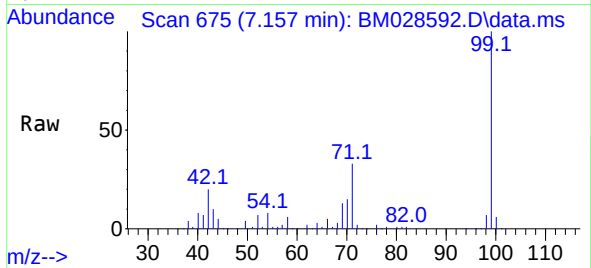
#5
2-Fluorophenol
Concen: 80.40 ng
RT: 5.516 min Scan# 396
Delta R.T. -0.018 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:112 Resp: 174567
Ion Ratio Lower Upper
112 100
64 59.1 50.6 76.0
63 30.8 31.0 46.6#

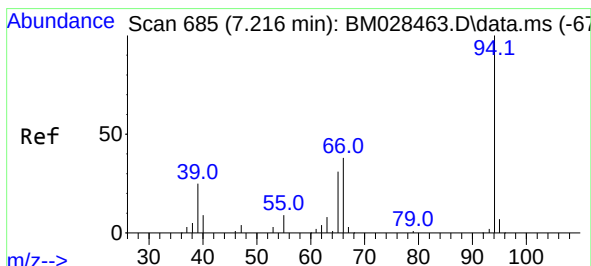
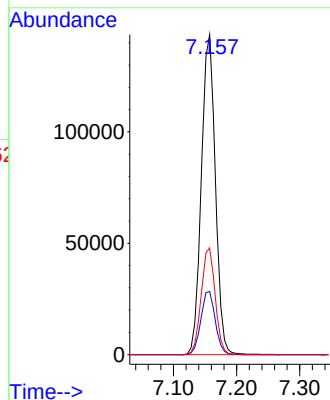
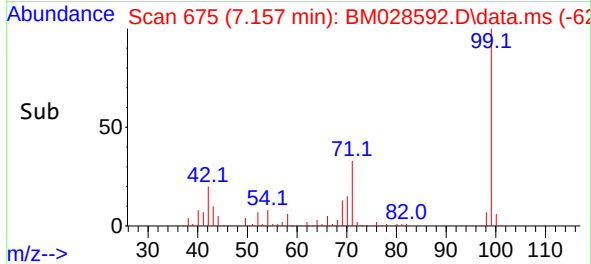




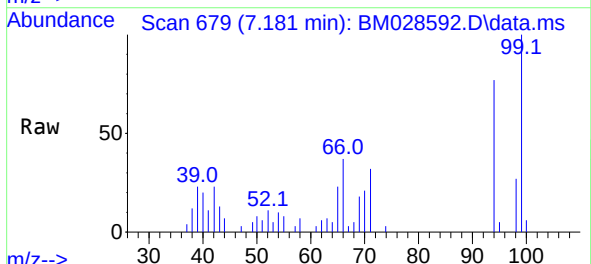
#7
Phenol-d6
Concen: 74.86 ng
RT: 7.157 min Scan# 675
Delta R.T. -0.029 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



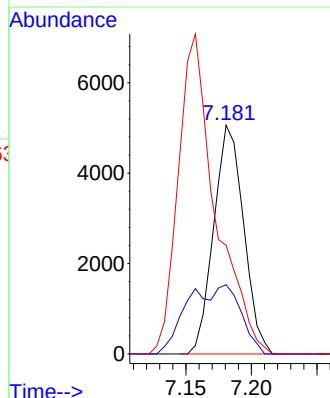
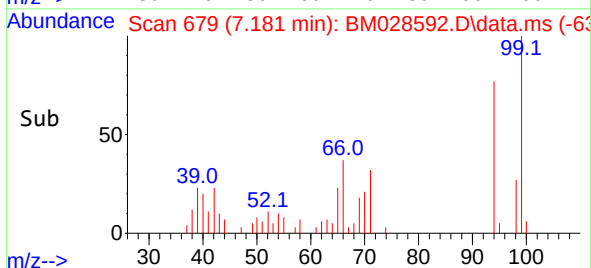
Tgt Ion: 99 Resp: 221307
Ion Ratio Lower Upper
99 100
42 19.7 13.5 20.3
71 33.3 39.4 59.0#



#10
Phenol
Concen: 2.88 ng
RT: 7.181 min Scan# 679
Delta R.T. -0.029 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



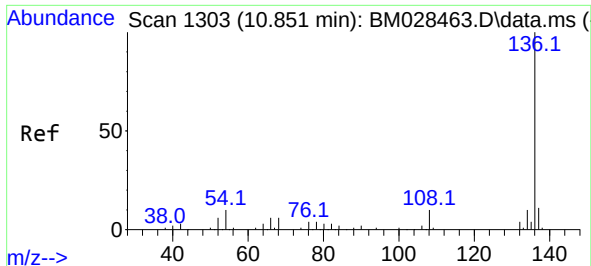
Tgt Ion: 94 Resp: 8036
Ion Ratio Lower Upper
94 100
65 30.3 16.4 56.4
66 47.5 30.2 70.2



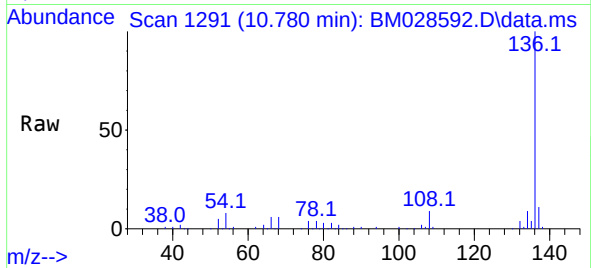
Instrument :
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ClientSampled :
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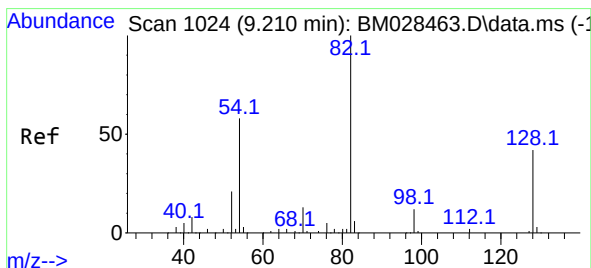
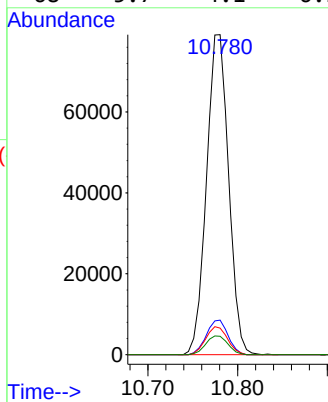
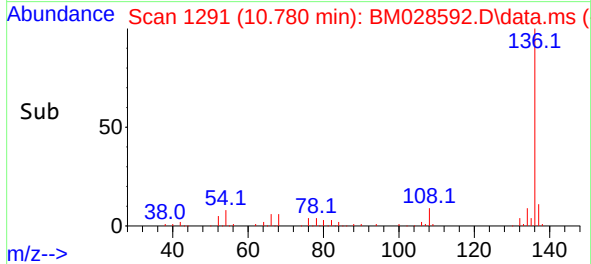
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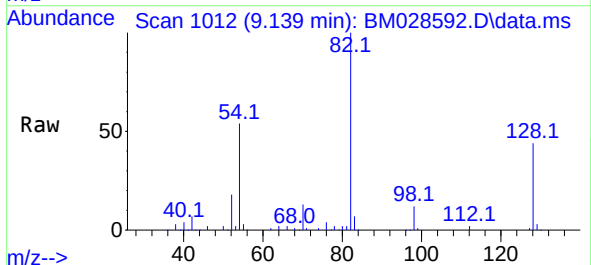
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



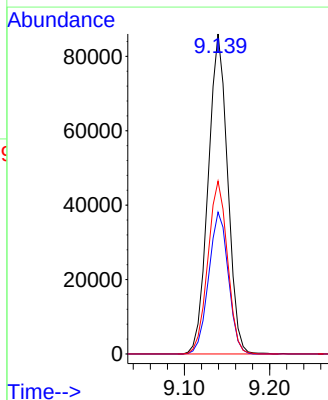
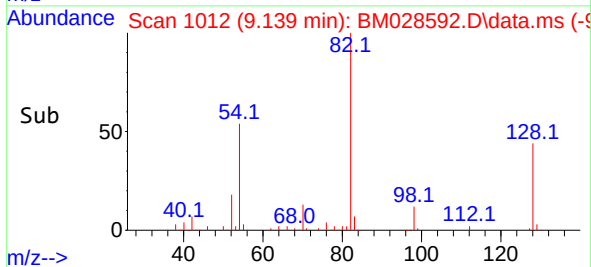
Tgt Ion:136 Resp: 135345
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.3 4.6 7.0#
68 5.7 4.1 6.1



#23
Nitrobenzene-d5
Concen: 47.79 ng
RT: 9.139 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



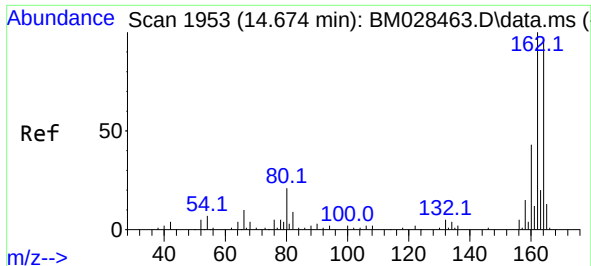
Tgt Ion: 82 Resp: 136379
Ion Ratio Lower Upper
82 100
128 44.3 27.4 41.0#
54 54.0 31.4 47.0#



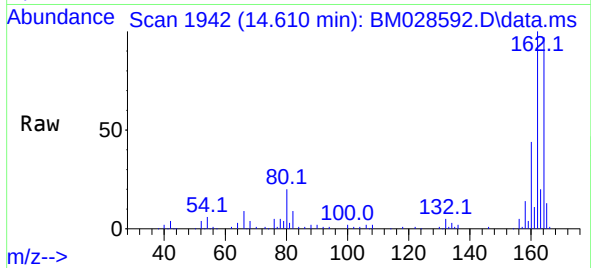
Instrument :
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ClientSampled :
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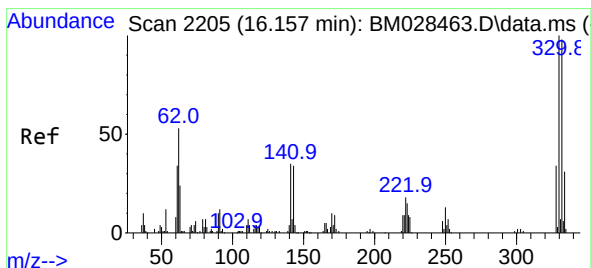
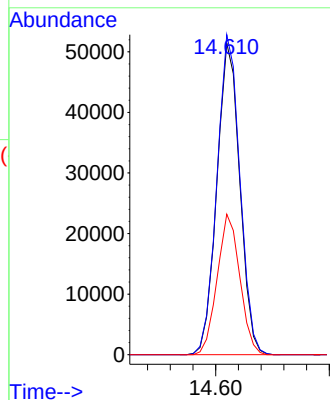
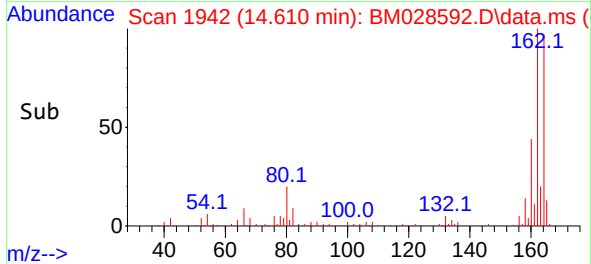
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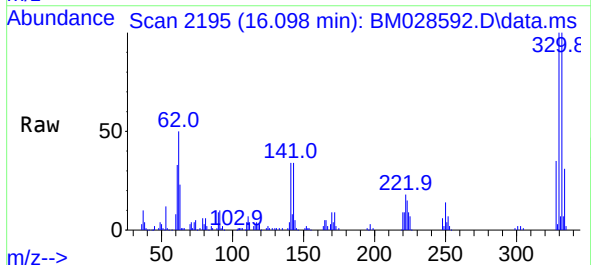
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.610 min Scan# 1942
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



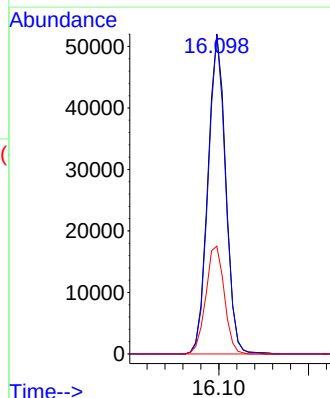
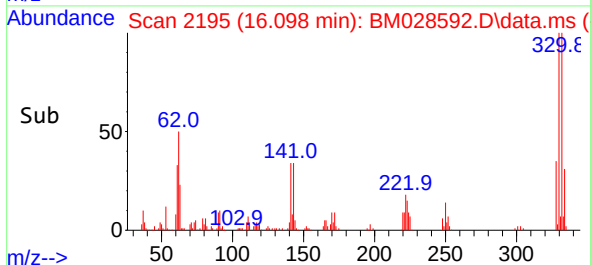
Tgt Ion:164 Resp: 72087
Ion Ratio Lower Upper
164 100
162 102.7 80.4 120.6
160 45.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 75.27 ng
RT: 16.098 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



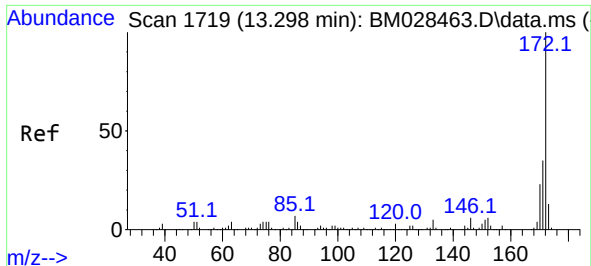
Tgt Ion:330 Resp: 71895
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 34.8 28.4 42.6



Instrument :
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ClientSampled :
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Manual Integrations
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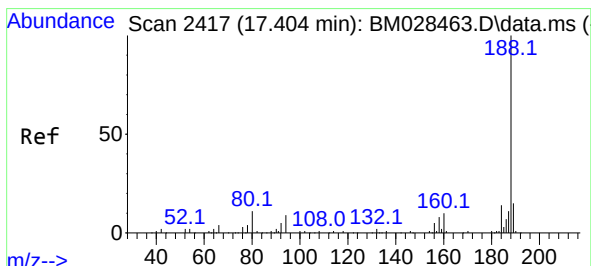
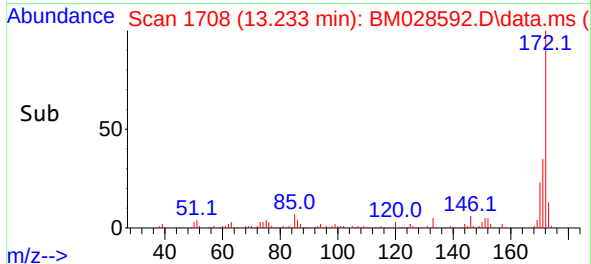
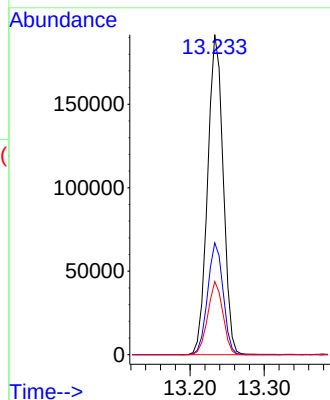
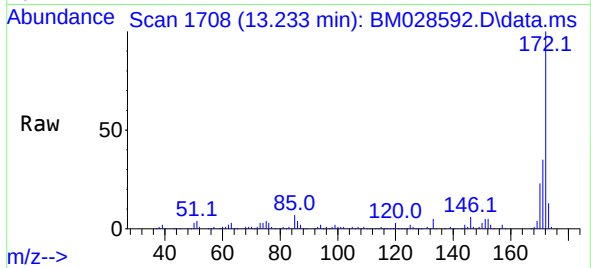
#45
2-Fluorobiphenyl
Concen: 48.71 ng
RT: 13.233 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Instrument :
BNA_M
ClientSampled :
CRT-13

Tgt Ion:172 Resp: 279870
Ion Ratio Lower Upper
172 100
171 34.9 27.8 41.8
170 22.8 18.6 27.8

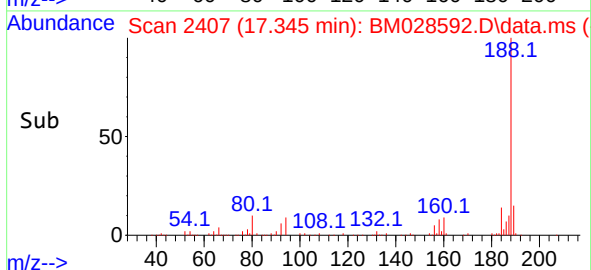
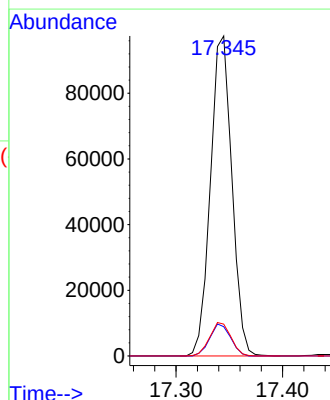
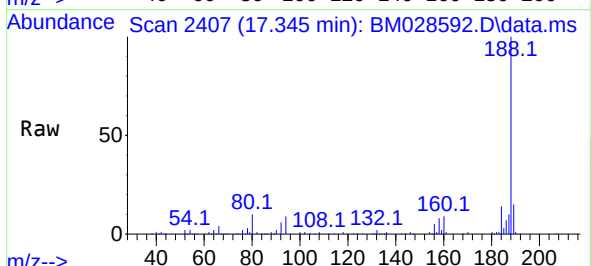
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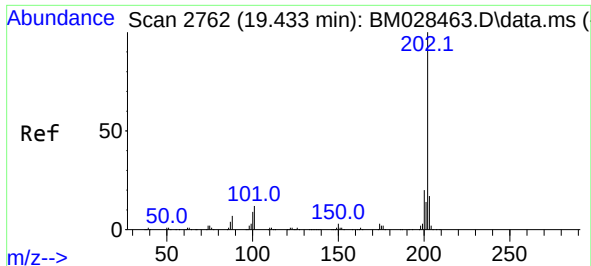
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#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.345 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:188 Resp: 136492
Ion Ratio Lower Upper
188 100
94 9.2 6.2 9.4
80 10.0 7.5 11.3





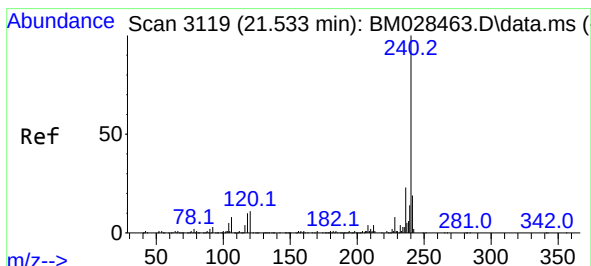
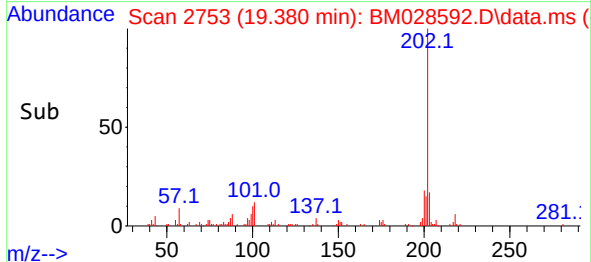
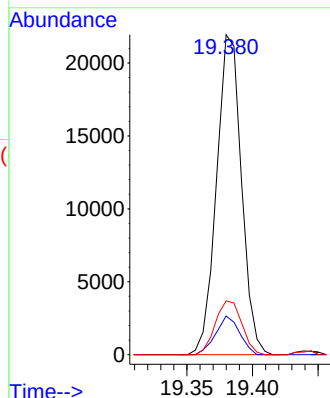
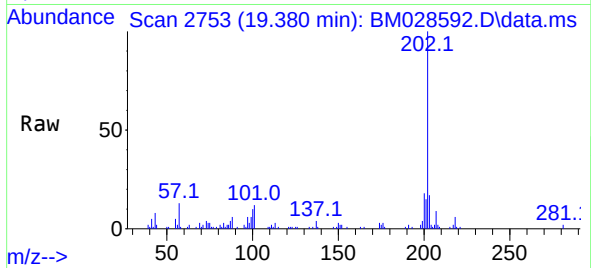
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Fluoranthene
Concen: 3.07 ng
RT: 19.380 min Scan# 2753
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:	202	Resp:	28928
Ion Ratio	Lower	Upper	
202	100		
101	12.1	0.0	28.5
203	16.8	0.0	37.3

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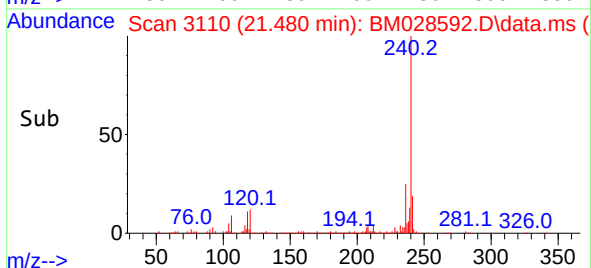
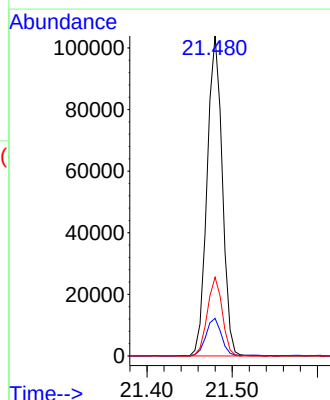
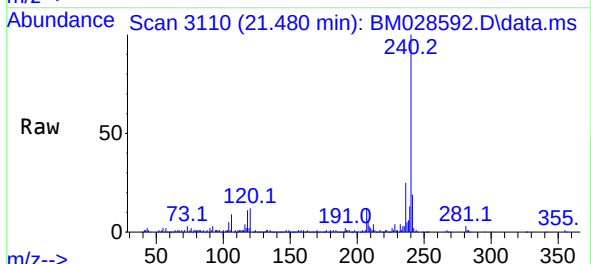
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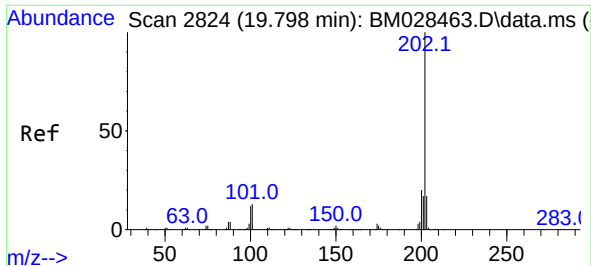
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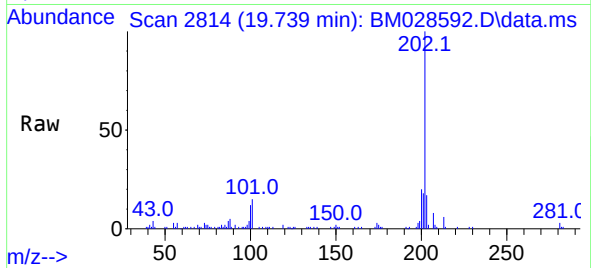
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Chrysene-d12
Concen: 20.00 ng
RT: 21.480 min Scan# 3110
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:	240	Resp:	128544
Ion Ratio	Lower	Upper	
240	100		
120	11.7	6.4	9.6#
236	24.6	20.1	30.1

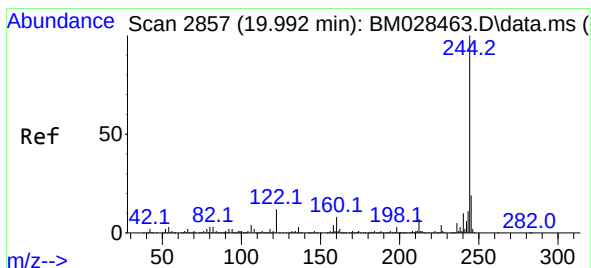
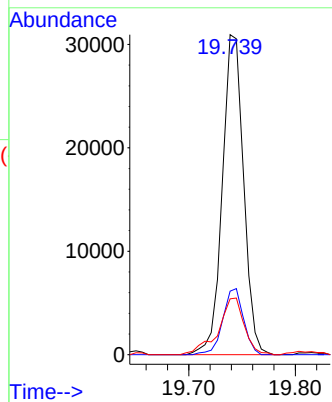
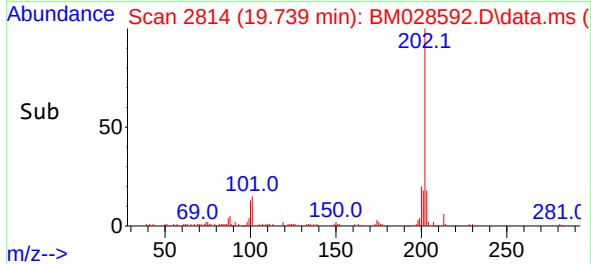




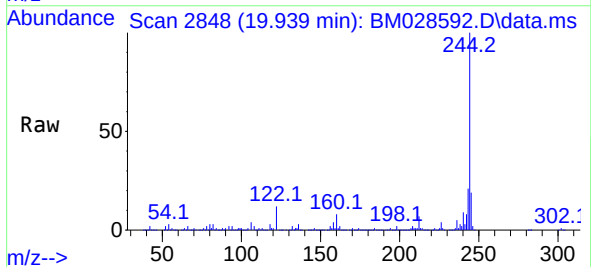
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Pyrene
Concen: 4.65 ng
RT: 19.739 min Scan# 2814
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



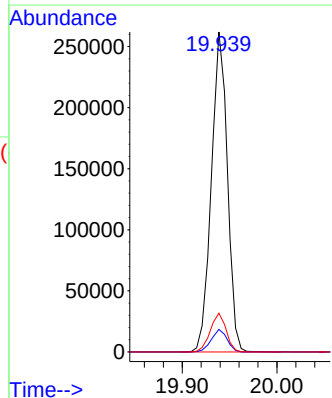
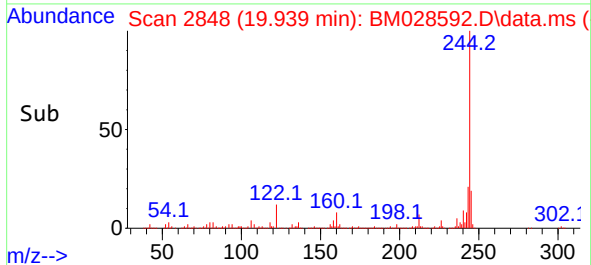
Tgt Ion:202 Resp: 42874
Ion Ratio Lower Upper
202 100
200 19.8 16.6 24.8
203 17.5 13.8 20.6



#79
Terphenyl-d14
Concen: 43.13 ng
RT: 19.939 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57



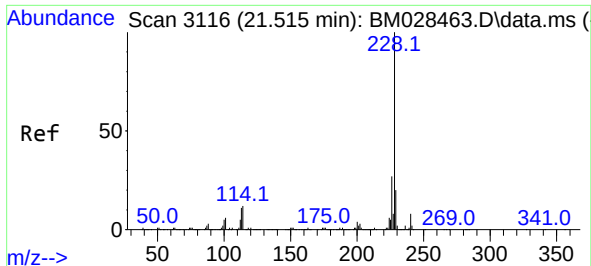
Tgt Ion:244 Resp: 307026
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.1 6.5 9.7#



Instrument :
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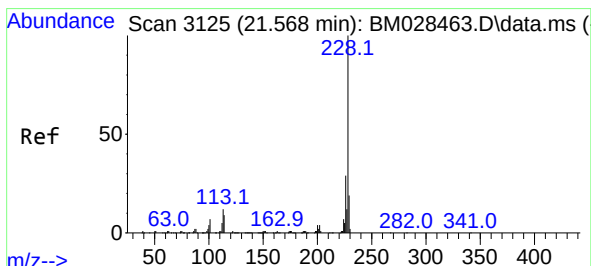
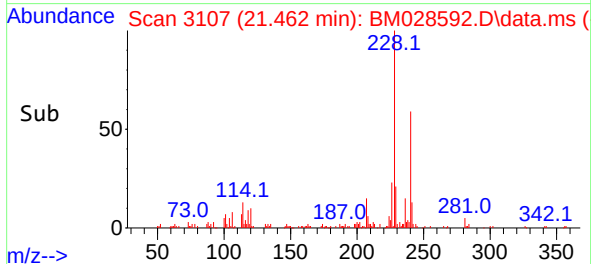
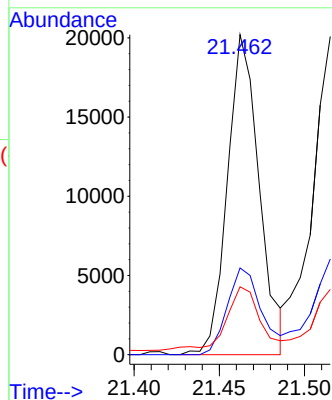
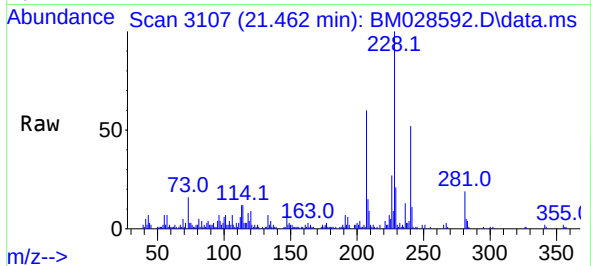
#81
Benzo(a)anthracene
Concen: 2.96 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:	228	Resp:	26262
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.1	31.7
229	21.2	15.7	23.5

Instrument :
BNA_M
ClientSampleId :
CRT-13

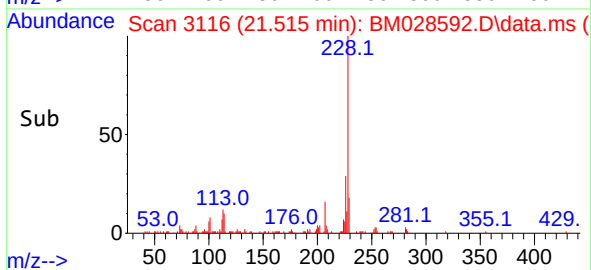
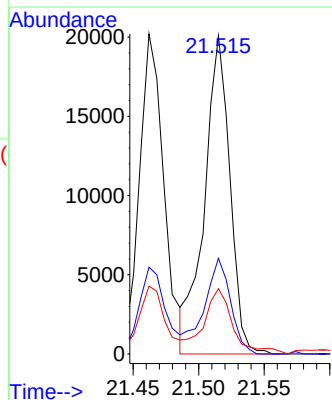
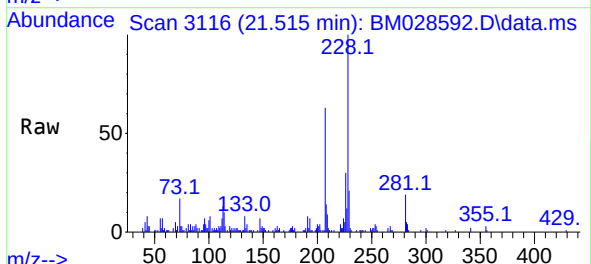
Manual Integrations
APPROVED

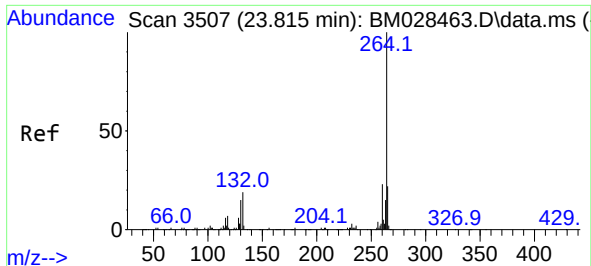
mohammad
1/29/2021 10:34:12 AM



#83
Chrysene
Concen: 3.17 ng
RT: 21.515 min Scan# 3116
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:	228	Resp:	27155
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	20.5	15.7	23.5





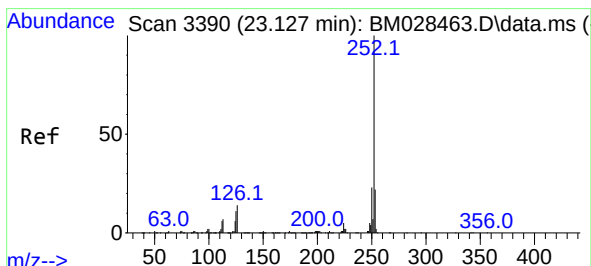
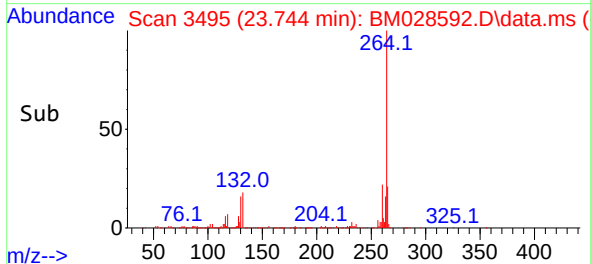
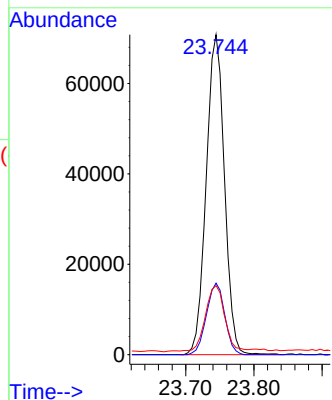
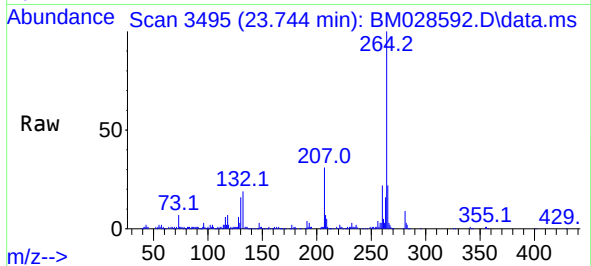
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.744 min Scan# 3495
Delta R.T. -0.006 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Instrument :
BNA_M
ClientSampleId :
CRT-13

Tgt Ion:264 Resp: 131898
Ion Ratio Lower Upper
264 100
260 22.3 19.0 28.4
265 21.6 17.7 26.5

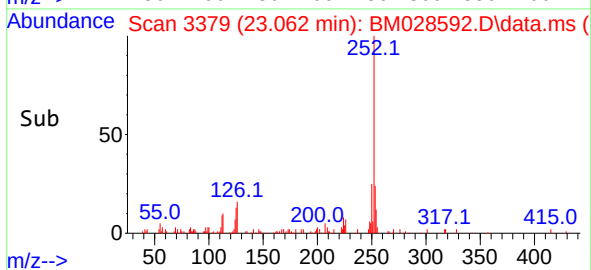
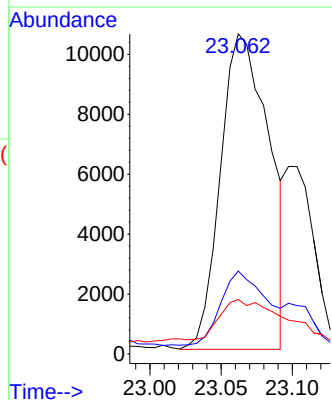
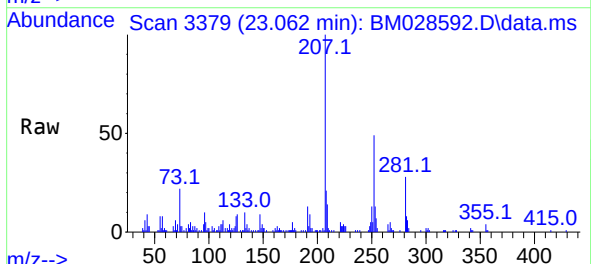
Manual Integrations
APPROVED

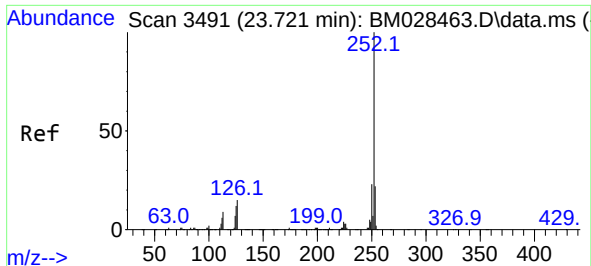
mohammad
1/29/2021 10:34:12 AM



#88
Benzo(b)fluoranthene
Concen: 2.79 ng m
RT: 23.062 min Scan# 3379
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion:252 Resp: 25005
Ion Ratio Lower Upper
252 100
253 25.9 17.4 26.0
125 17.0 5.7 8.5#





#90
Benzo(a)pyrene
Concen: 2.73 ng
RT: 23.644 min Scan# 3478
Delta R.T. -0.012 min
Lab File: BM028592.D
Acq: 28 Jan 2021 17:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.4	26.2
125	16.5	6.6	9.8

Instrument :
BNA_M
ClientSampled :
CRT-13

Manual Integrations
APPROVED

mohammad
1/29/2021 10:34:12 AM

