

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
 Data File : BM028615.D
 Acq On : 29 Jan 2021 20:41
 Operator : CG/JU
 Sample : M1271-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-332

Manual Integrations
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 2/1/2021 11:50:04 AM

Quant Time: Jan 29 23:50:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 29 16:19:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	27389	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	106720	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	60295	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	120284	20.00	ng	# 0.00
76) Chrysene-d12	21.456	240	117273	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	120191	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	126937	73.21	ng	0.00
7) Phenol-d6	7.110	99	164765	69.79	ng	-0.01
23) Nitrobenzene-d5	9.104	82	101356	45.05	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	59917	75.00	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	223686	46.54	ng	0.00
79) Terphenyl-d14	19.915	244	269644	41.52	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.304	152	12572	2.01	ng	99
50) Dimethylphthalate	14.033	163	20943	4.23	ng	97
75) Fluoranthene	19.356	202	32838	3.95	ng	96
78) Pyrene	19.721	202	57952	6.89	ng	99
81) Benzo(a)anthracene	21.445	228	58397	7.21	ng	95
83) Chrysene	21.492	228	59857	7.66	ng	98
84) Bis(2-ethylhexyl)phtha...	21.362	149	21280	4.06	ng	# 98
87) Indeno(1,2,3-cd)pyrene	26.003	276	64890m	7.25	ng	
88) Benzo(b)fluoranthene	23.039	252	146385	17.94	ng	# 93
89) Benzo(k)fluoranthene	23.080	252	45057m	5.66	ng	
90) Benzo(a)pyrene	23.615	252	95467	12.63	ng	# 92
91) Dibenzo(a,h)anthracene	26.003	278	17701	2.39	ng	# 88
92) Benzo(g,h,i)perylene	26.709	276	59342	8.14	ng	# 91

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

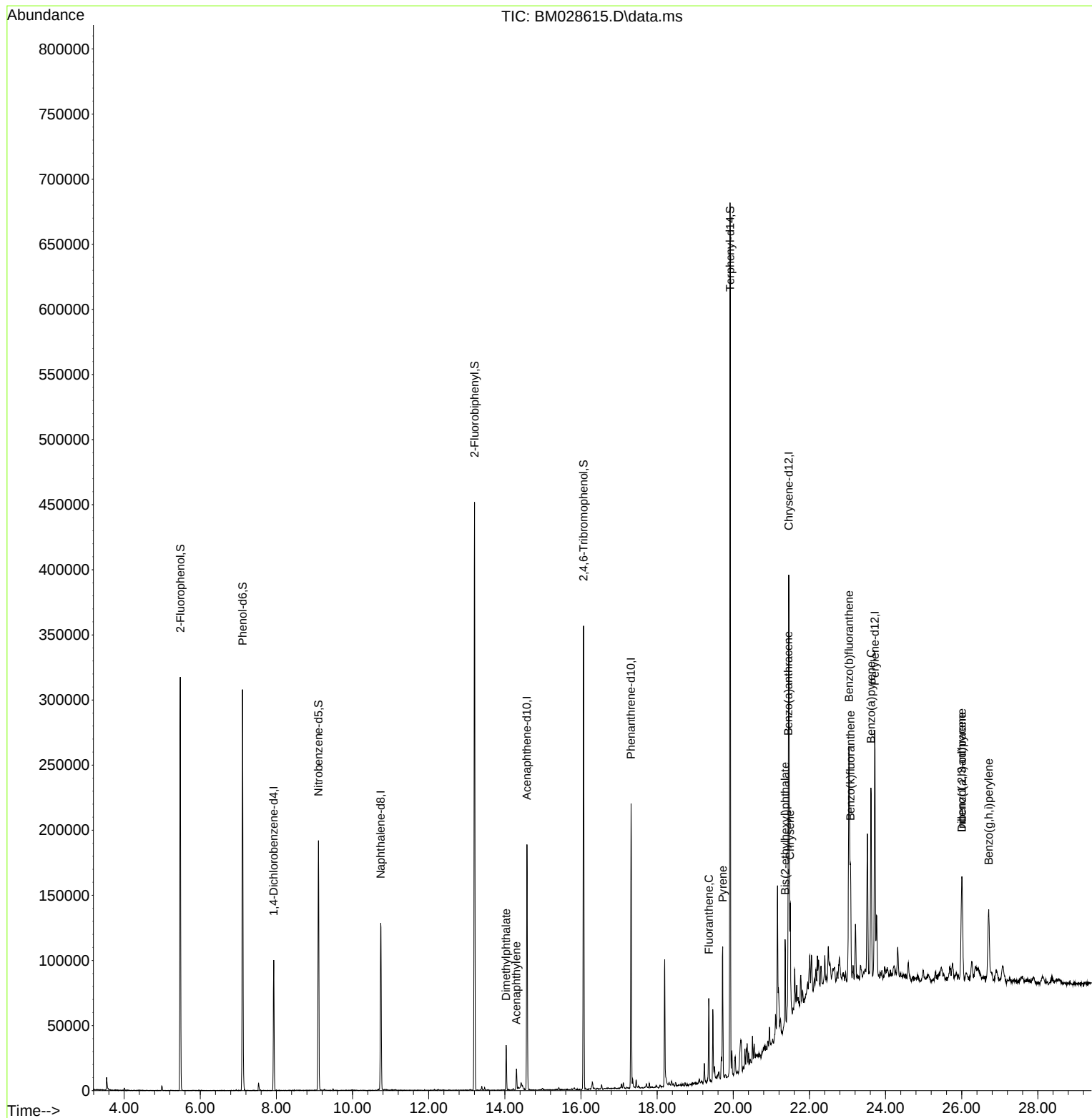
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
Data File : BM028615.D
Acq On : 29 Jan 2021 20:41
Operator : CG/JU
Sample : M1271-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

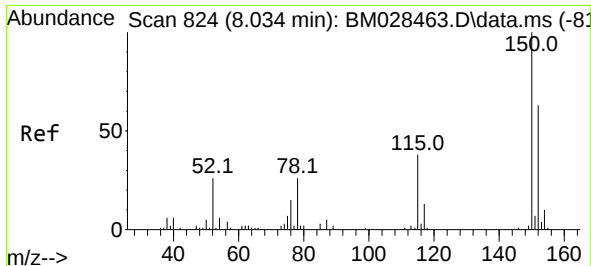
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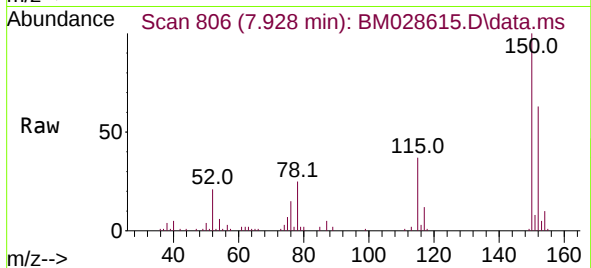
Quant Time: Jan 29 23:50:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

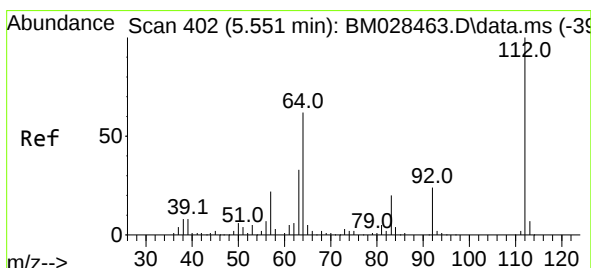
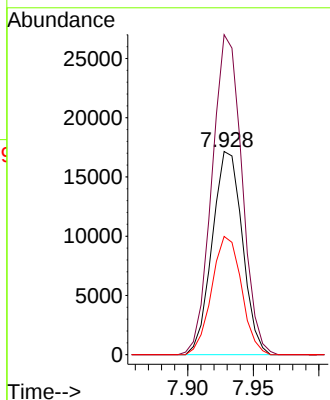
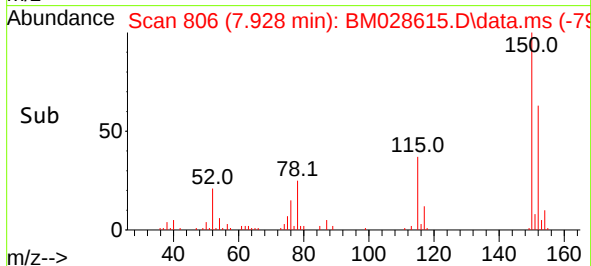
Instrument :
BNA_M
ClientSampleId :
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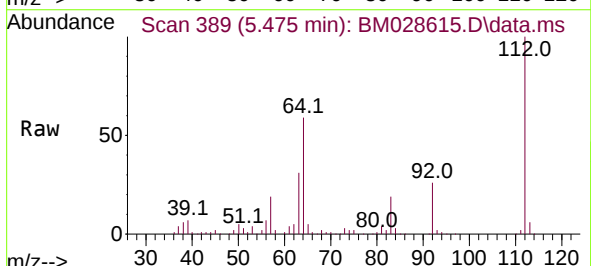
Tgt Ion:152 Resp: 27389
Ion Ratio Lower Upper
152 100
150 157.5 120.6 181.0
115 58.2 47.2 70.8

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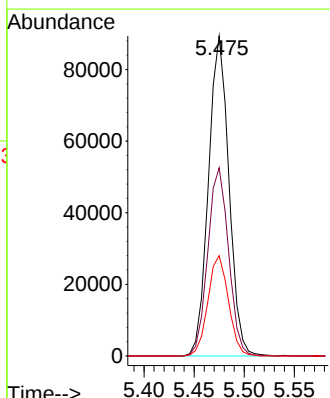
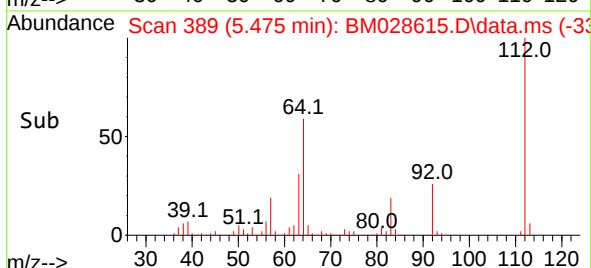
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#5
2-Fluorophenol
Concen: 73.21 ng
RT: 5.475 min Scan# 389
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

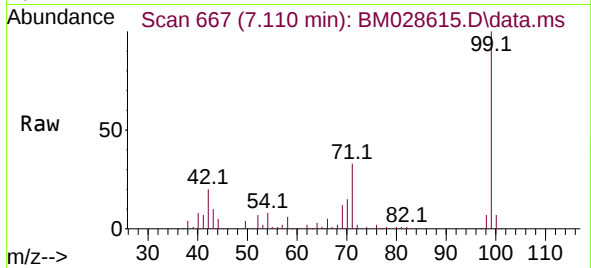


Tgt Ion:112 Resp: 126937
Ion Ratio Lower Upper
112 100
64 58.8 50.6 76.0
63 31.4 31.0 46.6





#7
Phenol-d6
Concen: 69.79 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

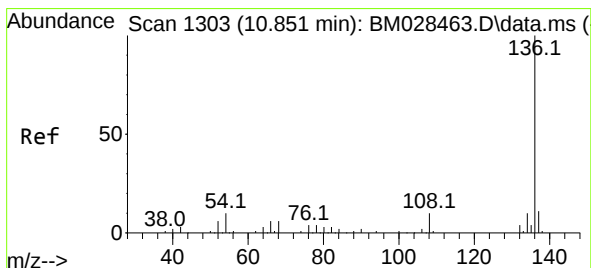
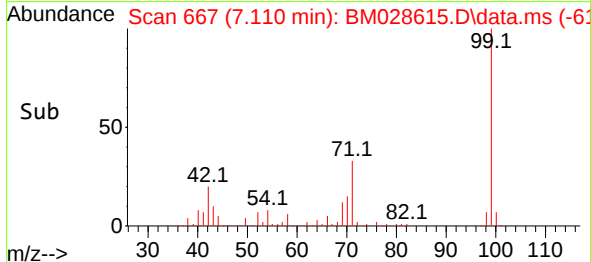
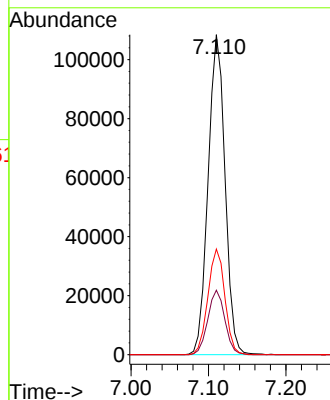


Tgt Ion: 99 Resp: 164765
Ion Ratio Lower Upper
99 100
42 20.2 13.5 20.3
71 33.0 39.4 59.0#

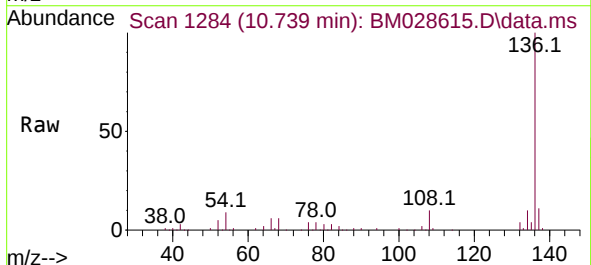
Instrument :
BNA_M
ClientSampleId :
RO-332

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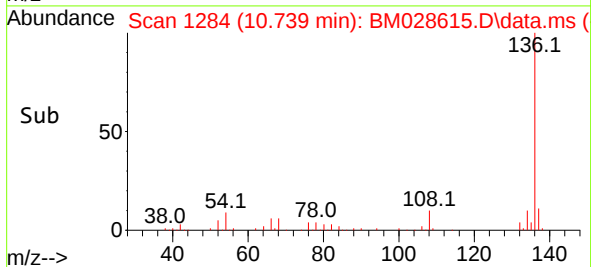
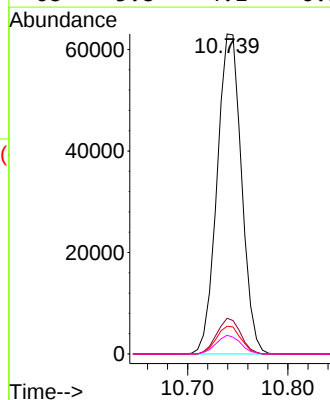
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41



Tgt Ion: 136 Resp: 106720
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.6 4.6 7.0#
68 5.8 4.1 6.1





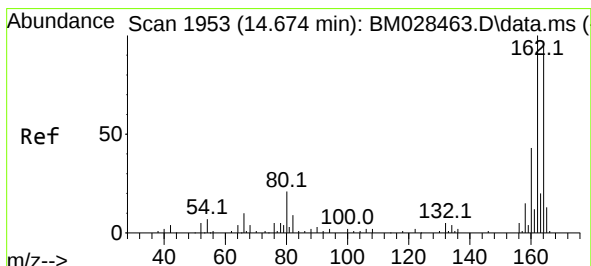
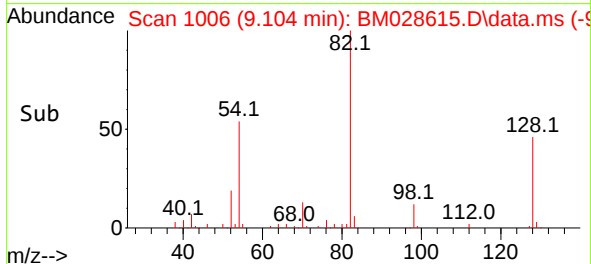
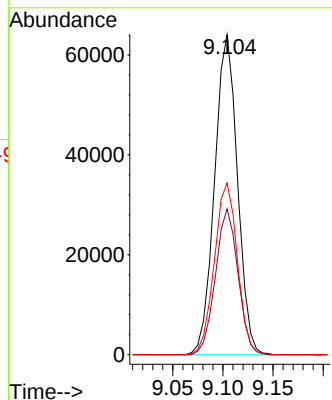
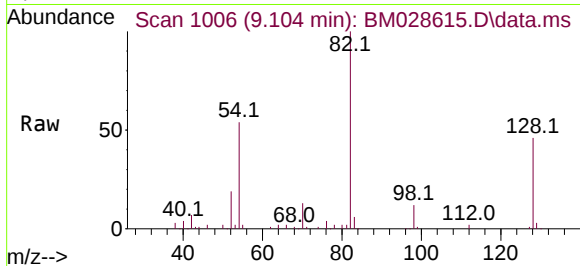
#23
Nitrobenzene-d5
Concen: 45.05 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 82 Resp: 101356
Ion Ratio Lower Upper
82 100
128 45.5 27.4 41.0#
54 53.7 31.4 47.0#

Instrument :
BNA_M
ClientSampleId :
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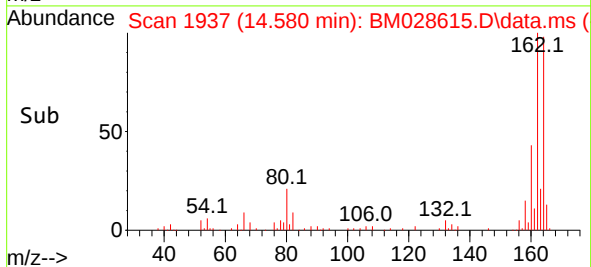
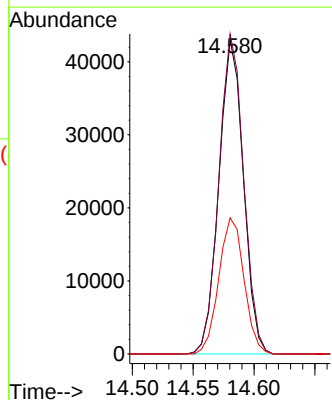
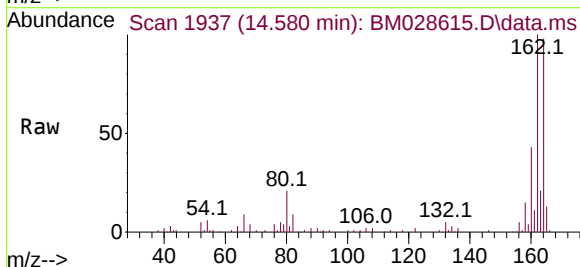
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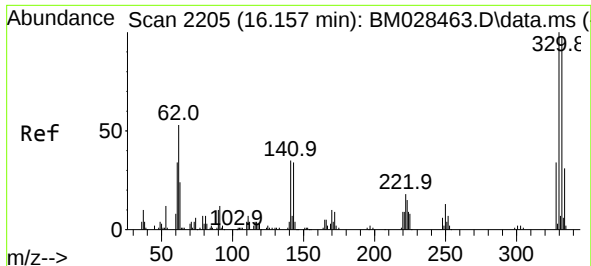
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

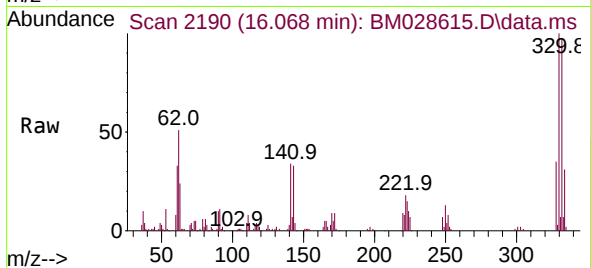
Tgt Ion:164 Resp: 60295
Ion Ratio Lower Upper
164 100
162 101.9 80.4 120.6
160 43.3 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 75.00 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

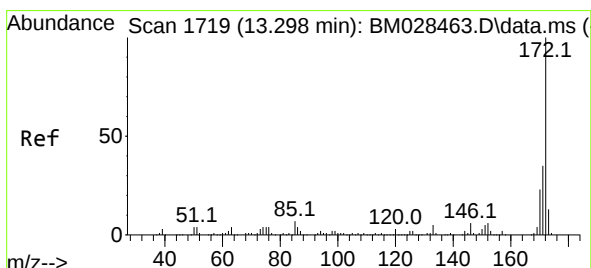
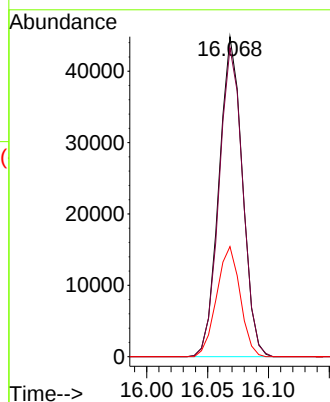
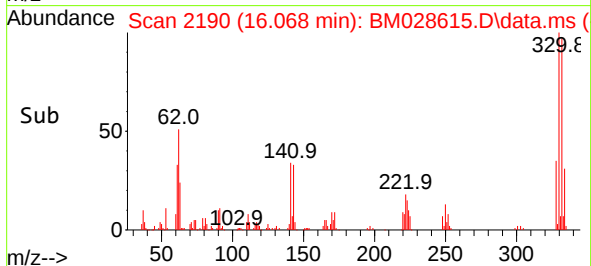
Instrument :
BNA_M
ClientSampled :
RO-332



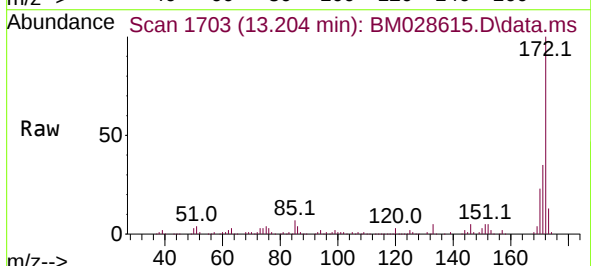
Tgt Ion:330 Resp: 59917
Ion Ratio Lower Upper
330 100
332 97.6 77.8 116.8
141 34.5 28.4 42.6

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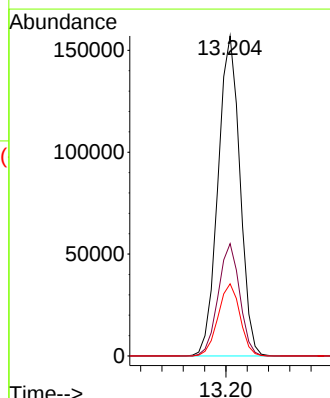
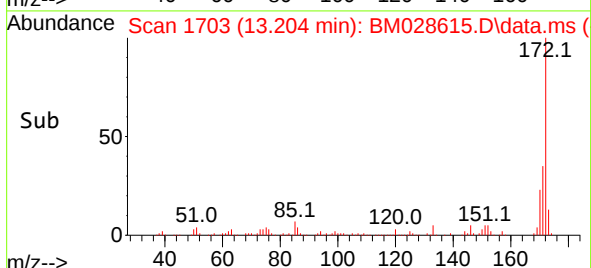
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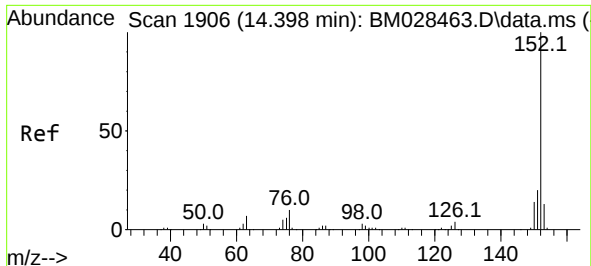


#45
2-Fluorobiphenyl
Concen: 46.54 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41



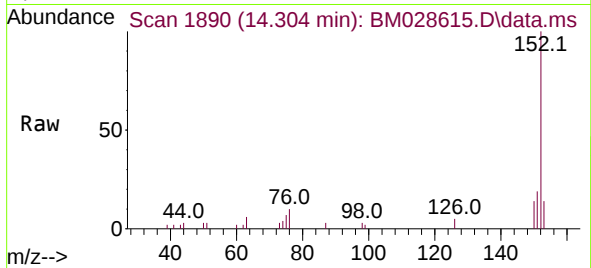
Tgt Ion:172 Resp: 223686
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 22.5 18.6 27.8





#49
Acenaphthylene
Concen: 2.01 ng
RT: 14.304 min Scan# 1890
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

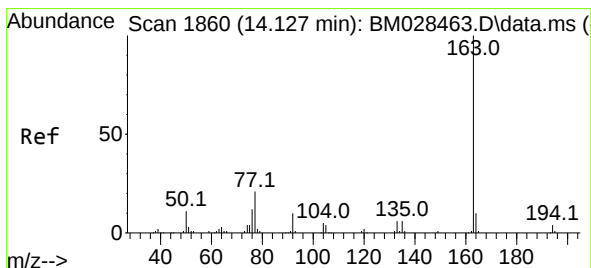
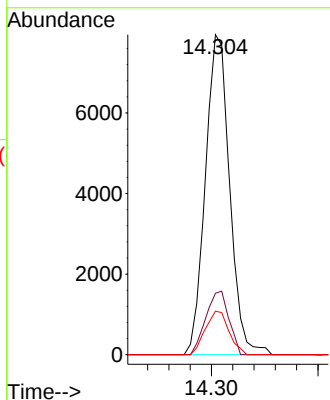
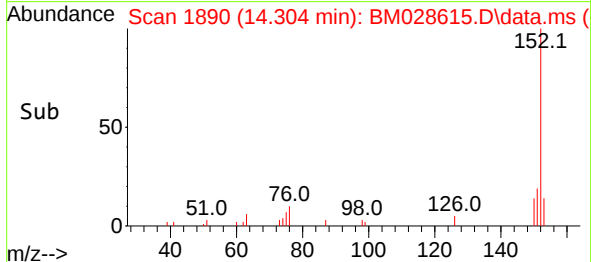
Instrument :
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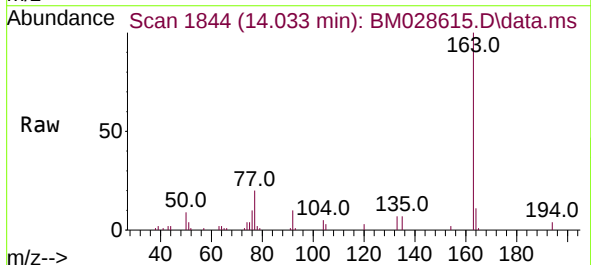
Tgt Ion:152 Resp: 12572
Ion Ratio Lower Upper
152 100
151 19.2 15.8 23.6
153 13.6 10.4 15.6

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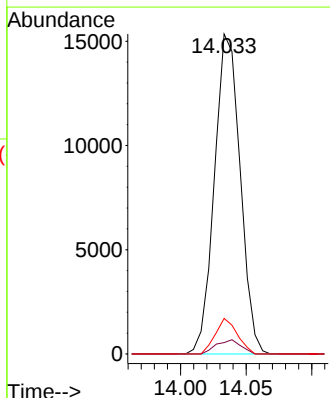
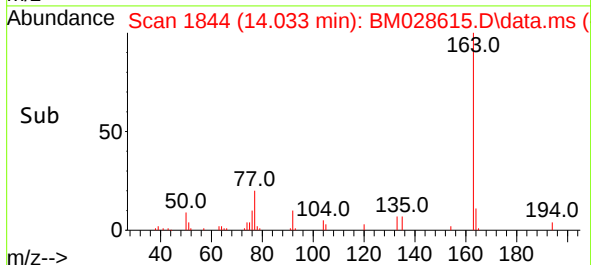
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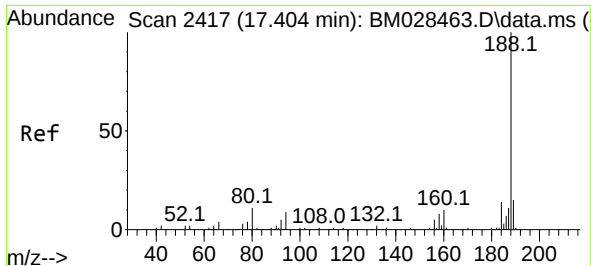


#50
Dimethylphthalate
Concen: 4.23 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

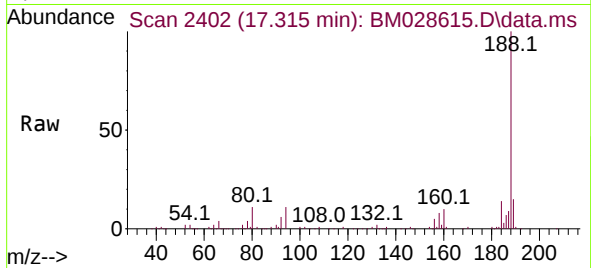


Tgt Ion:163 Resp: 20943
Ion Ratio Lower Upper
163 100
194 3.6 3.4 5.2
164 11.1 8.1 12.1

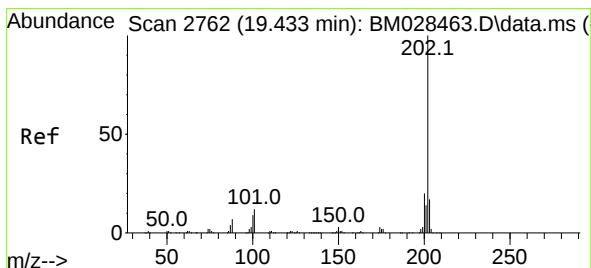
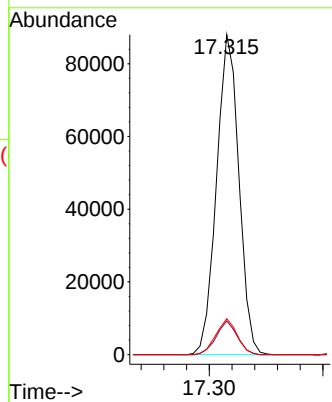
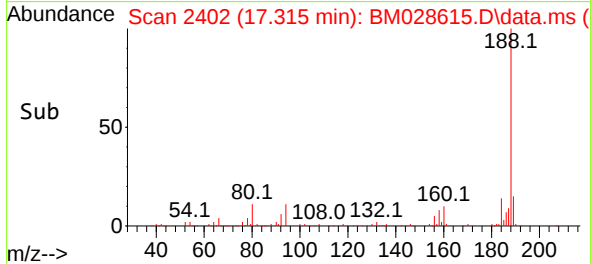




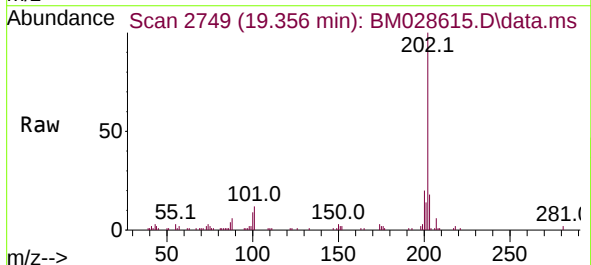
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Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41



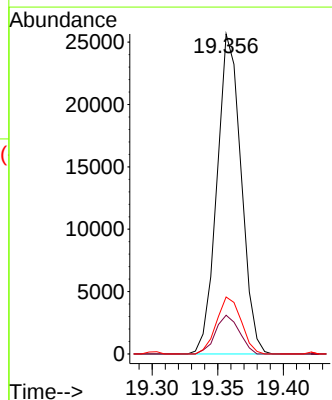
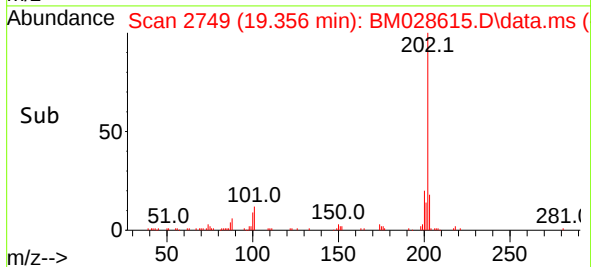
Tgt Ion:188 Resp: 120284
Ion Ratio Lower Upper
188 100
94 10.6 6.2 9.4#
80 11.2 7.5 11.3



#75
Fluoranthene
Concen: 3.95 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41



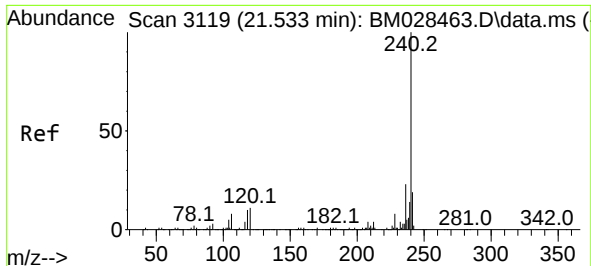
Tgt Ion:202 Resp: 32838
Ion Ratio Lower Upper
202 100
101 12.1 0.0 28.5
203 17.8 0.0 37.3



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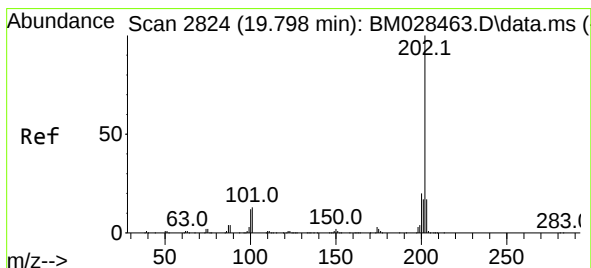
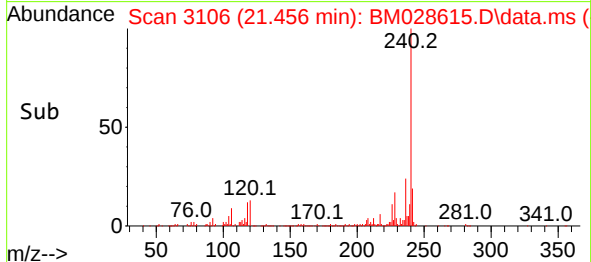
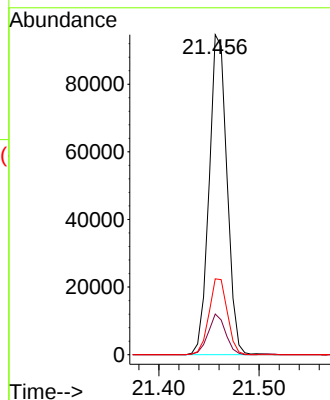
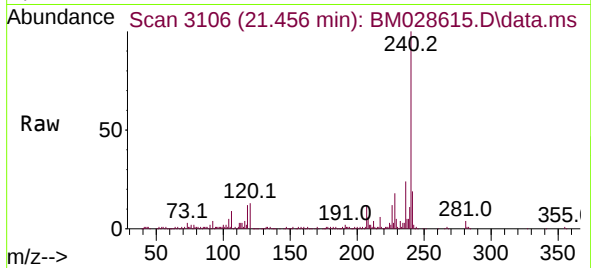
#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:240 Resp: 117273
Ion Ratio Lower Upper
240 100
120 12.7 6.4 9.6#
236 23.7 20.1 30.1

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ClientSampleId :
RO-332

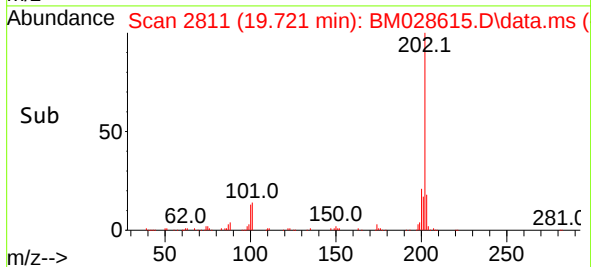
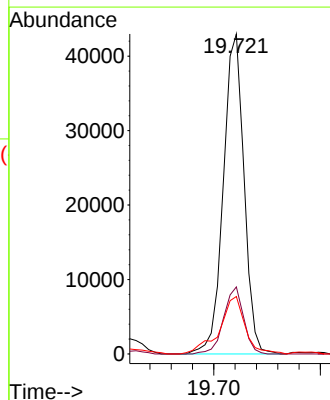
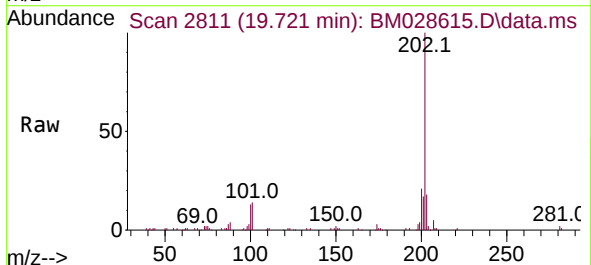
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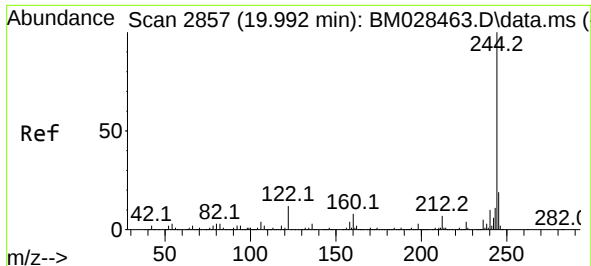
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#78
Pyrene
Concen: 6.89 ng
RT: 19.721 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

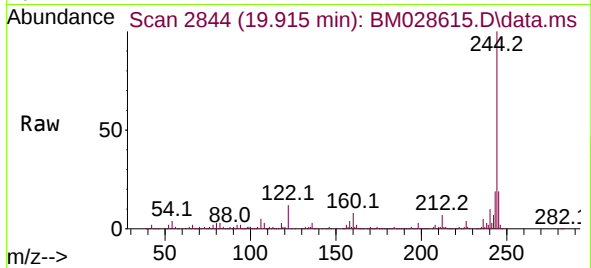
Tgt Ion:202 Resp: 57952
Ion Ratio Lower Upper
202 100
200 20.9 16.6 24.8
203 18.0 13.8 20.6





#79
Terphenyl-d14
Concen: 41.52 ng
RT: 19.915 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

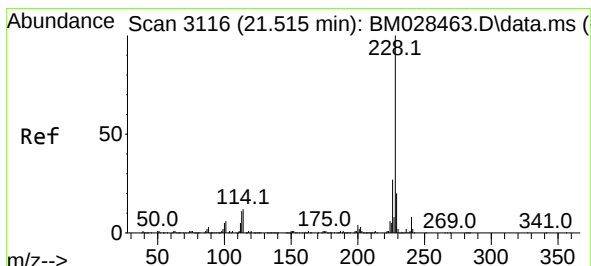
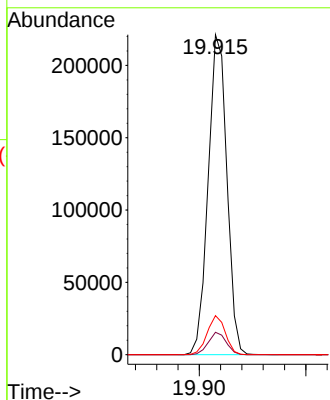
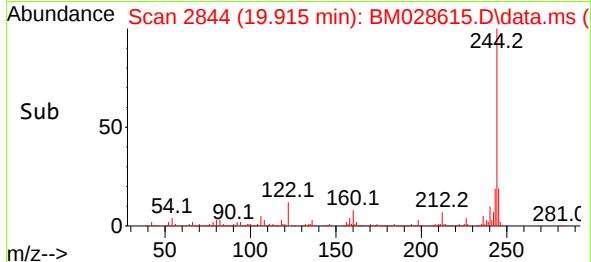
Instrument :
BNA_M
ClientSampled :
RO-332



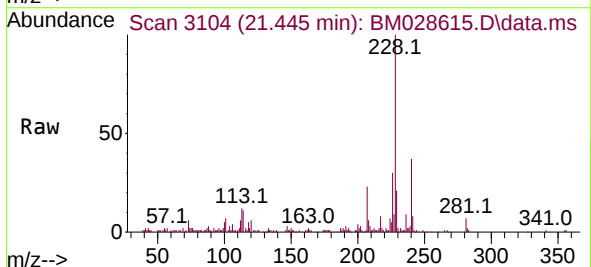
Tgt Ion:244 Resp: 269644
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.2 6.5 9.7#

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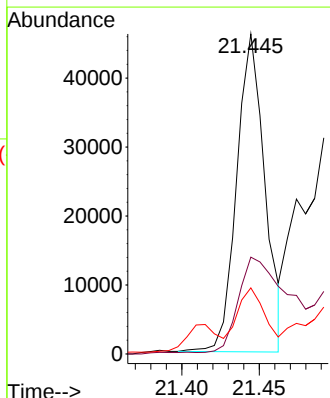
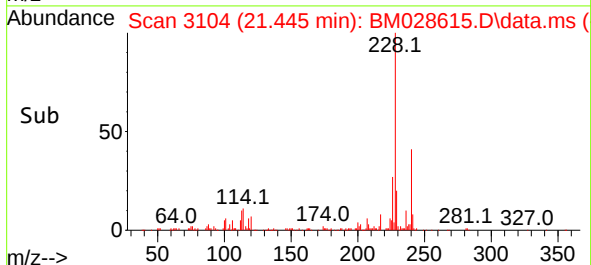
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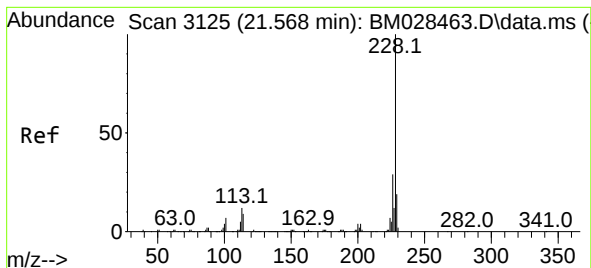


#81
Benzo(a)anthracene
Concen: 7.21 ng
RT: 21.445 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41



Tgt Ion:228 Resp: 58397
Ion Ratio Lower Upper
228 100
226 30.3 21.1 31.7
229 20.7 15.7 23.5





#83

Chrysene

Concen: 7.66 ng

RT: 21.492 min Scan# 3112

Delta R.T. -0.012 min

Lab File: BM028615.D

Acq: 29 Jan 2021 20:41

Tgt Ion:	228	Resp:	59857
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.0
229	21.7	15.7	23.5

Instrument :

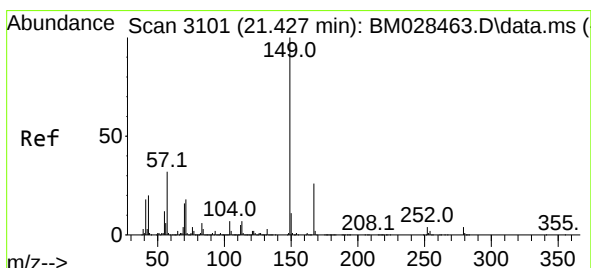
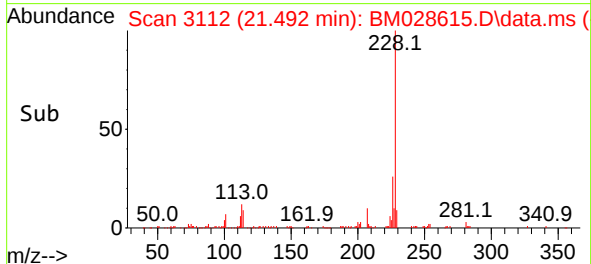
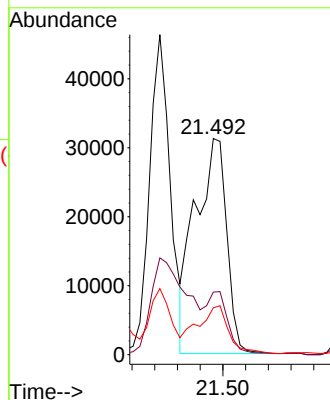
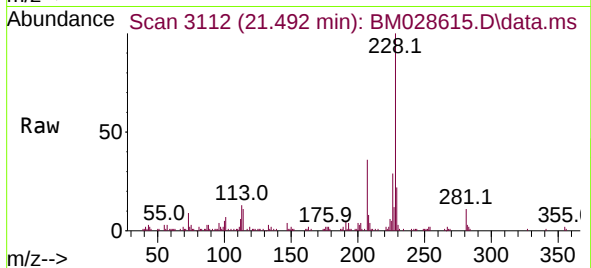
BNA_M

ClientSampled :

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#84

Bis(2-ethylhexyl)phthalate

Concen: 4.06 ng

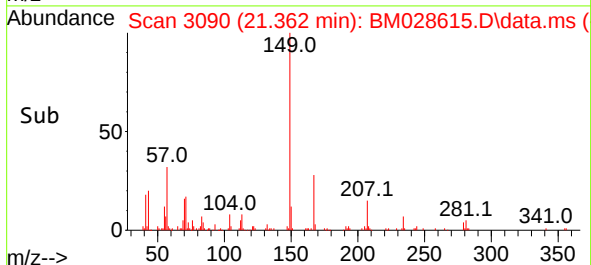
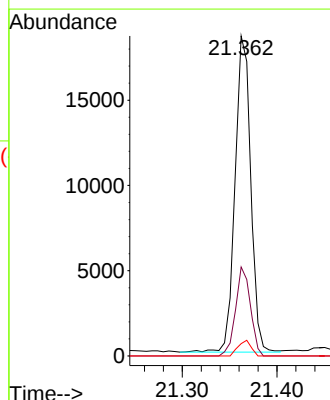
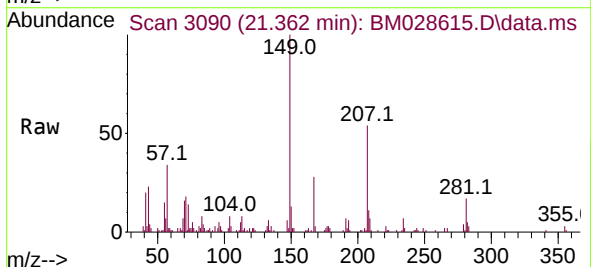
RT: 21.362 min Scan# 3090

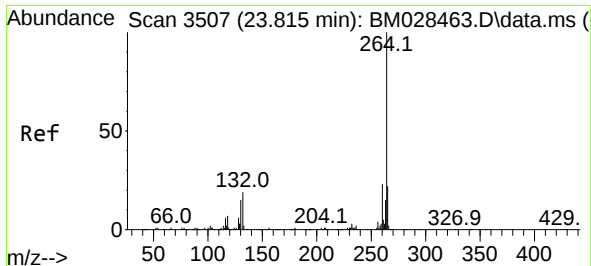
Delta R.T. -0.006 min

Lab File: BM028615.D

Acq: 29 Jan 2021 20:41

Tgt Ion:	149	Resp:	21280
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.7	34.1
279	3.8	4.0	6.0#





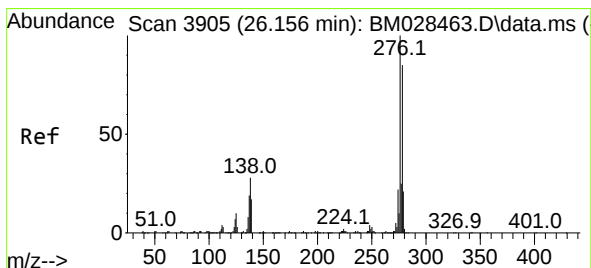
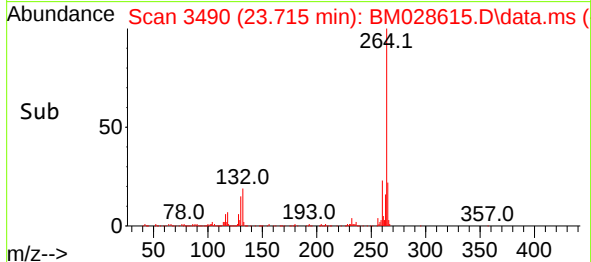
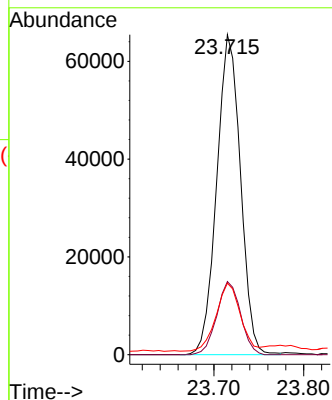
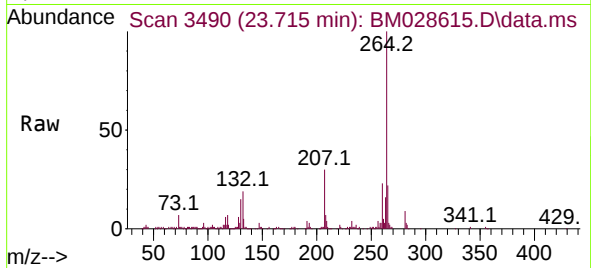
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.715 min Scan# 3490
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 264 Resp: 120191
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.4
265 22.3 17.7 26.5

Instrument :
BNA_M
ClientSampleId :
RO-332

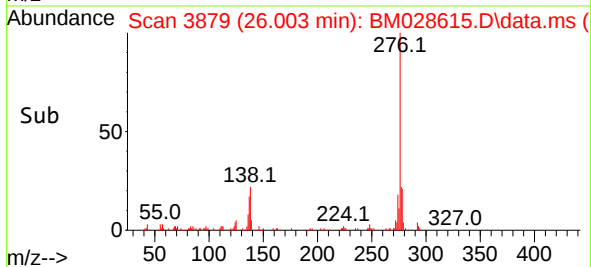
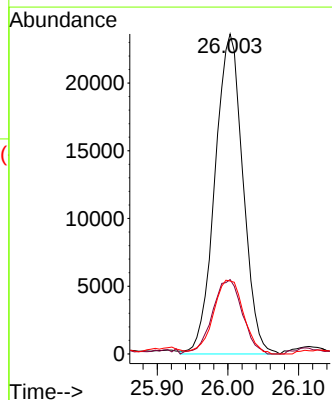
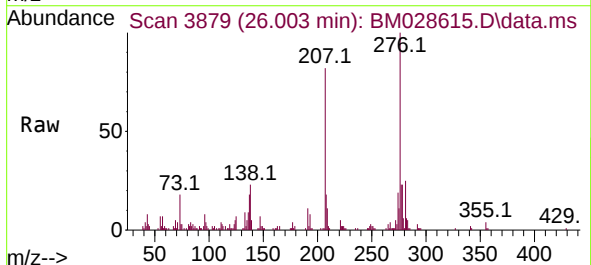
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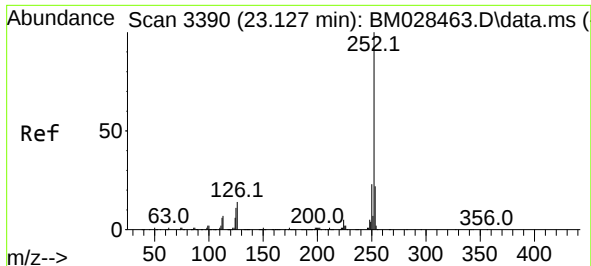
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#87
Indeno(1,2,3-cd)pyrene
Concen: 7.25 ng m
RT: 26.003 min Scan# 3879
Delta R.T. -0.030 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion: 276 Resp: 64890
Ion Ratio Lower Upper
276 100
138 1.9 14.2 21.4#
277 2.4 19.8 29.8#





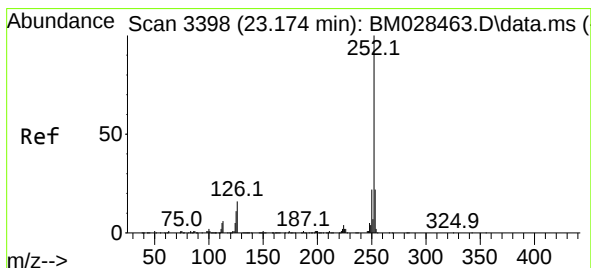
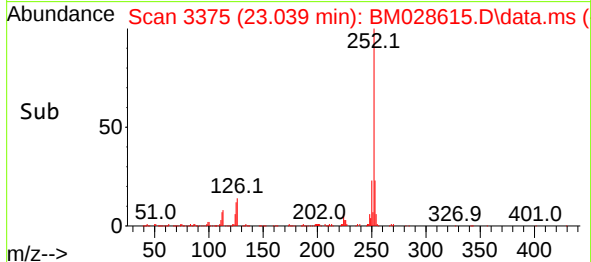
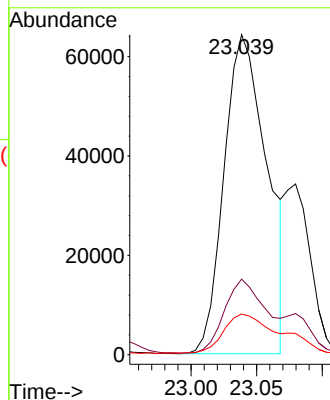
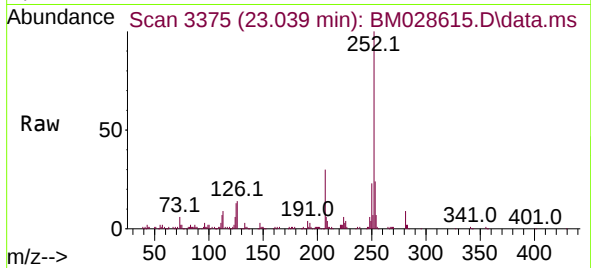
#88
Benzo(b)fluoranthene
Concen: 17.94 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion:252 Resp: 146385
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.0
125 12.7 5.7 8.5#

Instrument :
BNA_M
ClientSampled :
RO-332

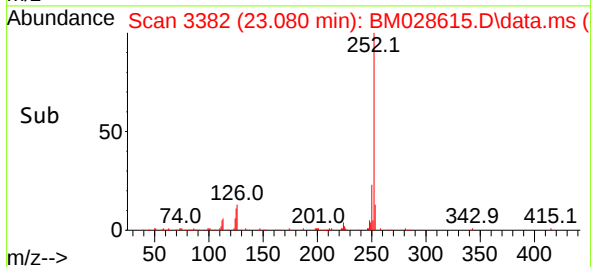
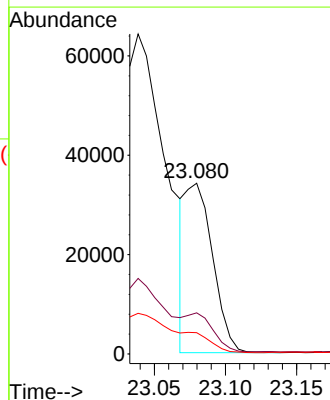
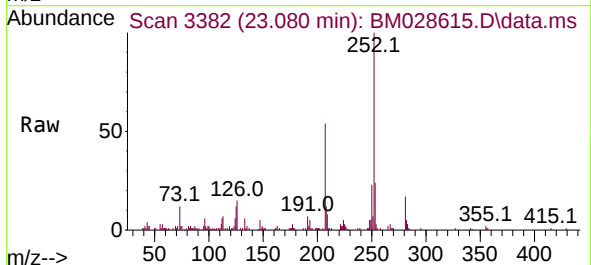
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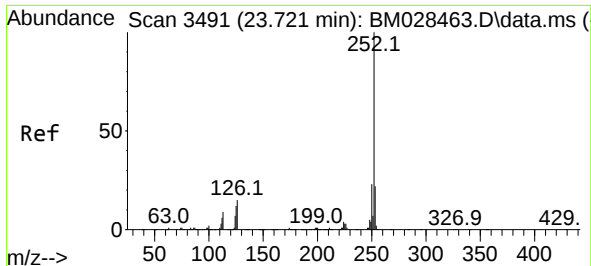
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#89
Benzo(k)fluoranthene
Concen: 5.66 ng m
RT: 23.080 min Scan# 3382
Delta R.T. -0.012 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

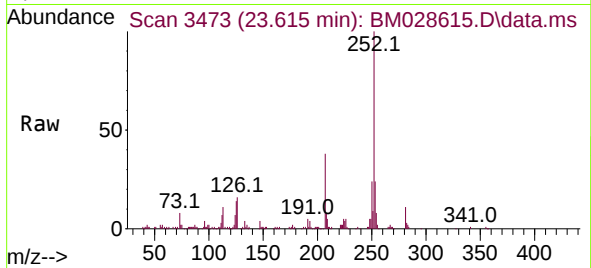
Tgt Ion:252 Resp: 45057
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 12.5 5.6 8.4#





#90
Benzo(a)pyrene
Concen: 12.63 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

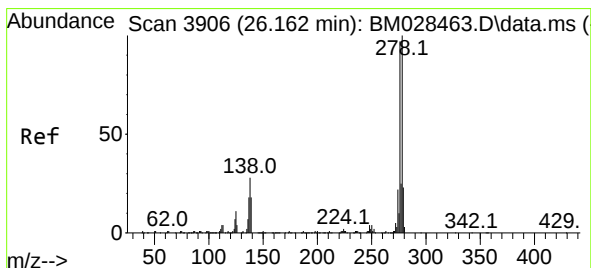
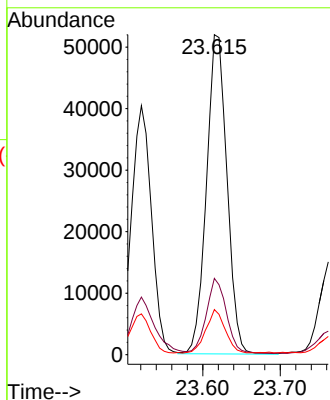
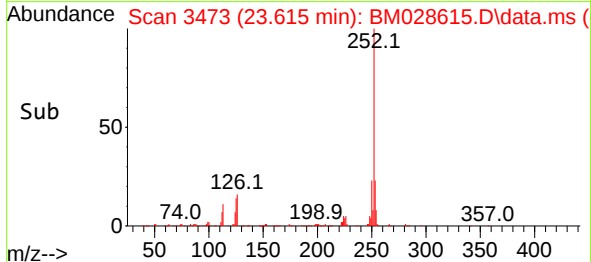
Instrument :
BNA_M
ClientSampleId :
RO-332



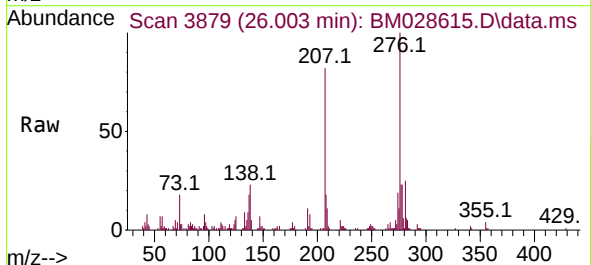
Tgt Ion:252 Resp: 95467
Ion Ratio Lower Upper
252 100
253 23.9 17.4 26.2
125 14.1 6.6 9.8#

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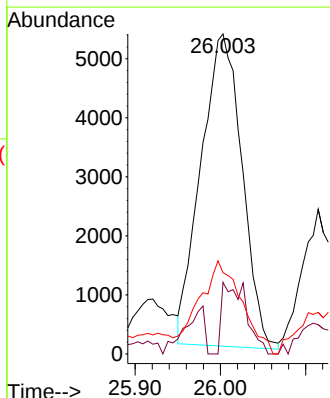
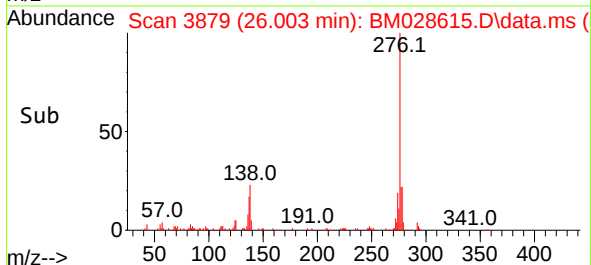
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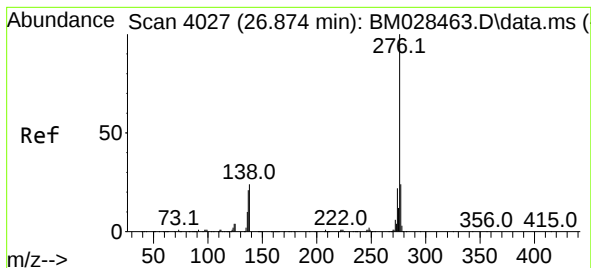


#91
Dibenzo(a,h)anthracene
Concen: 2.39 ng
RT: 26.003 min Scan# 3879
Delta R.T. -0.035 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41



Tgt Ion:278 Resp: 17701
Ion Ratio Lower Upper
278 100
139 22.3 9.0 13.6#
279 25.4 19.0 28.4





#92
Benzo(g,h,i)perylene
Concen: 8.14 ng
RT: 26.709 min Scan# 3999
Delta R.T. -0.024 min
Lab File: BM028615.D
Acq: 29 Jan 2021 20:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.0	18.6	28.0
138	23.3	12.2	18.2#

Instrument :
BNA_M
ClientSampleId :
RO-332

Manual Integrations
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