

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012921\
 Data File : BM028616.D
 Acq On : 29 Jan 2021 21:17
 Operator : CG/JU
 Sample : M1271-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR-200035

Manual Integrations
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 2/1/2021 11:50:06 AM

Quant Time: Jan 29 23:50:53 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	27679	20.00	ng	0.00
21) Naphthalene-d8	10.739	136	109923	20.00	ng	# 0.00
39) Acenaphthene-d10	14.580	164	62201	20.00	ng	0.00
64) Phenanthrene-d10	17.315	188	123468	20.00	ng	# 0.00
76) Chrysene-d12	21.456	240	115678	20.00	ng	#-0.01
86) Perylene-d12	23.715	264	117166	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	144567	82.51	ng	0.00
7) Phenol-d6	7.110	99	187515	78.60	ng	-0.01
23) Nitrobenzene-d5	9.104	82	114119	49.24	ng	0.00
42) 2,4,6-Tribromophenol	16.068	330	68176	82.72	ng	0.00
45) 2-Fluorobiphenyl	13.204	172	248446	50.11	ng	0.00
79) Terphenyl-d14	19.915	244	283220	44.21	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.033	163	11736	2.30	ng	99
70) Pentachlorophenol	16.968	266	23974	25.89	ng	98
71) Phenanthrene	17.357	178	33583	4.42	ng	98
75) Fluoranthene	19.356	202	64874	7.61	ng	96
78) Pyrene	19.721	202	58449	7.05	ng	99
81) Benzo(a)anthracene	21.445	228	29680	3.72	ng	96
83) Chrysene	21.492	228	29925m	3.88	ng	
87) Indeno(1,2,3-cd)pyrene	25.997	276	19789	2.27	ng	# 91
88) Benzo(b)fluoranthene	23.039	252	39965	5.02	ng	# 93
90) Benzo(a)pyrene	23.615	252	27730	3.76	ng	# 92
92) Benzo(g,h,i)perylene	26.703	276	20296	2.86	ng	# 89

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

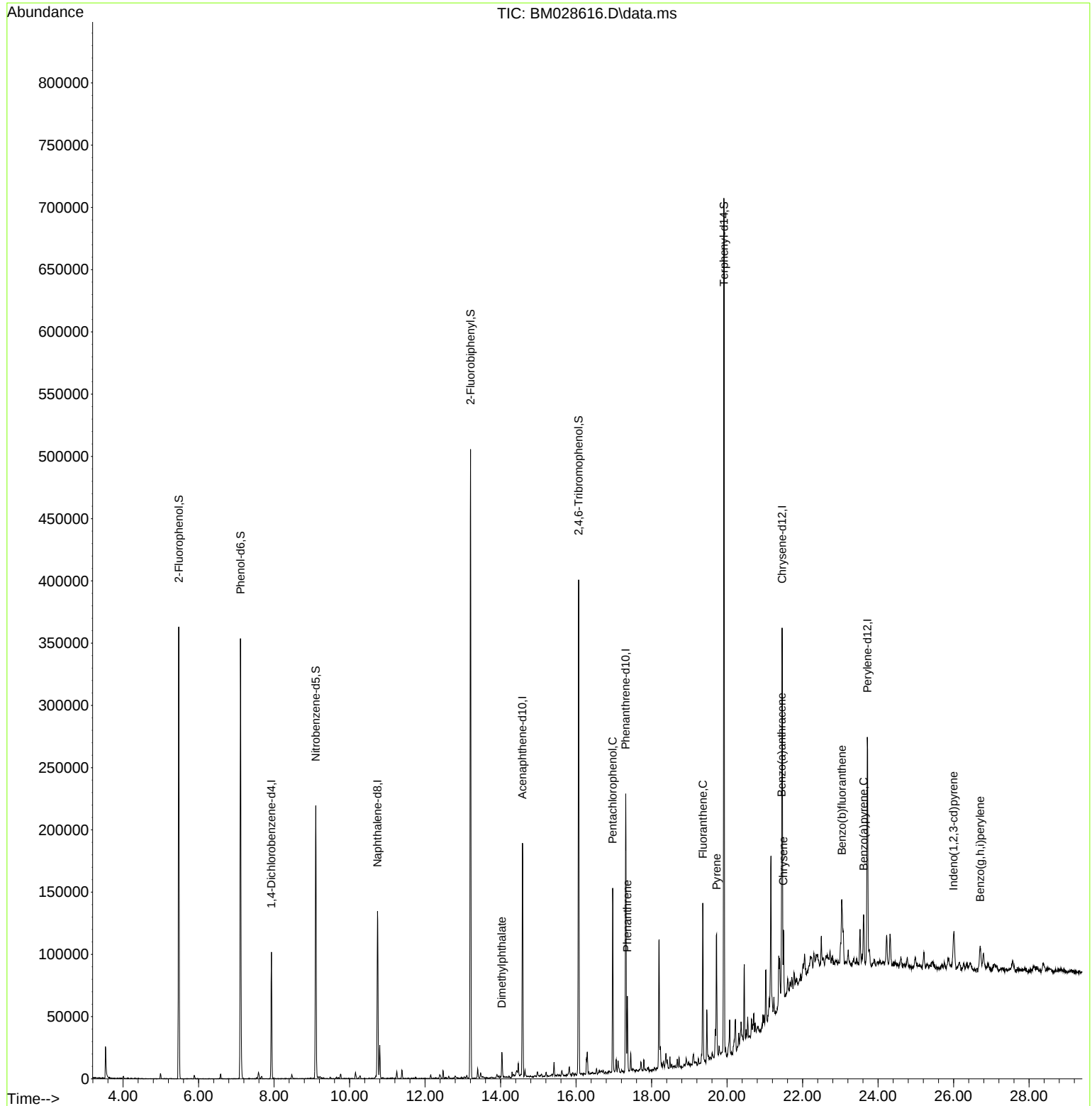
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Data File : BM028616.D
Acq On : 29 Jan 2021 21:17
Operator : CG/JU
Sample : M1271-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

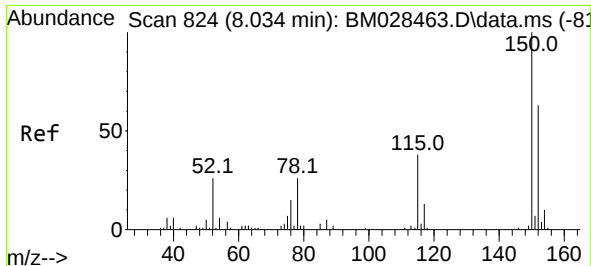
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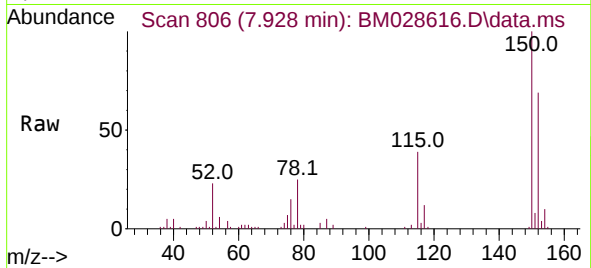
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Quant Time: Jan 29 23:50:53 2021
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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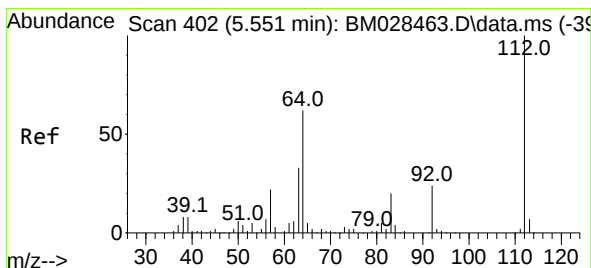
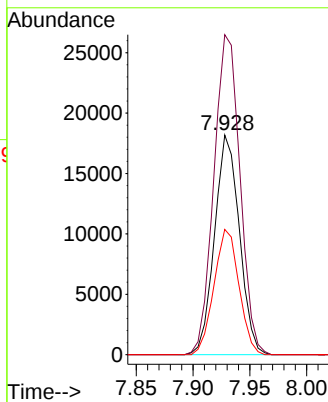
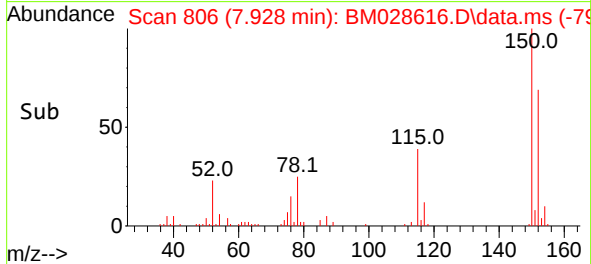




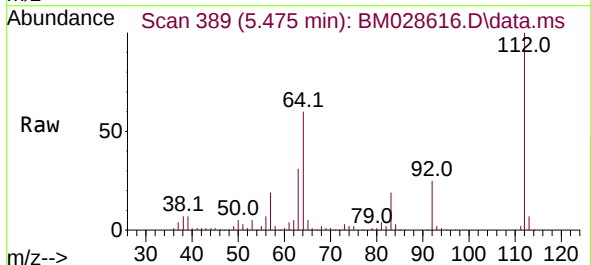
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17



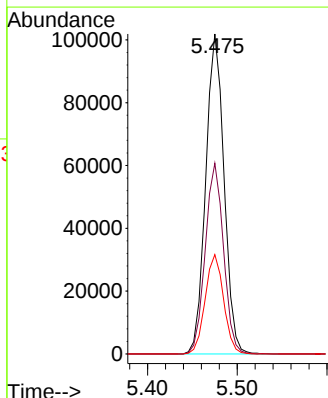
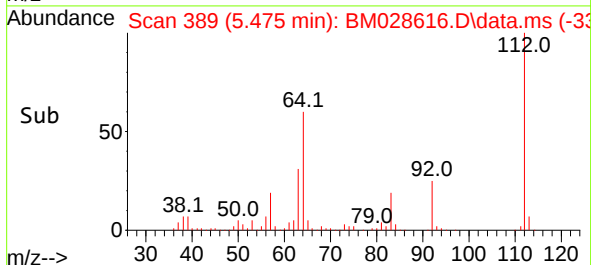
Tgt Ion:152 Resp: 27679
Ion Ratio Lower Upper
152 100
150 145.6 120.6 181.0
115 57.0 47.2 70.8



#5
2-Fluorophenol
Concen: 82.51 ng
RT: 5.475 min Scan# 389
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17



Tgt Ion:112 Resp: 144567
Ion Ratio Lower Upper
112 100
64 59.6 50.6 76.0
63 31.0 31.0 46.6



Instrument :
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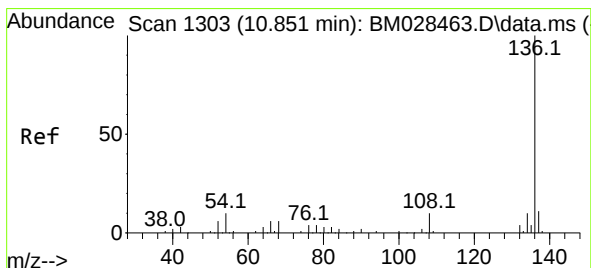
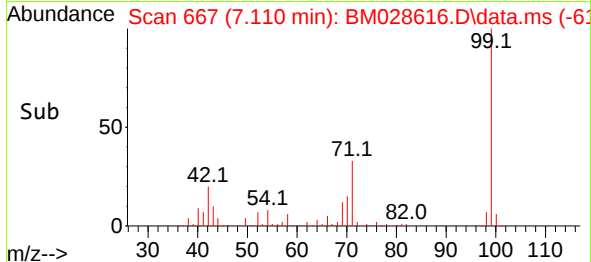
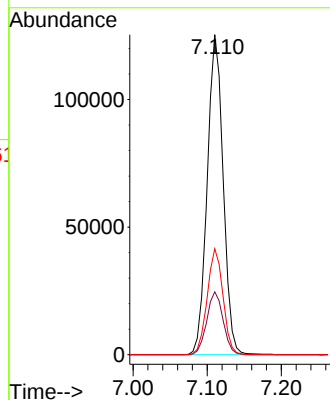
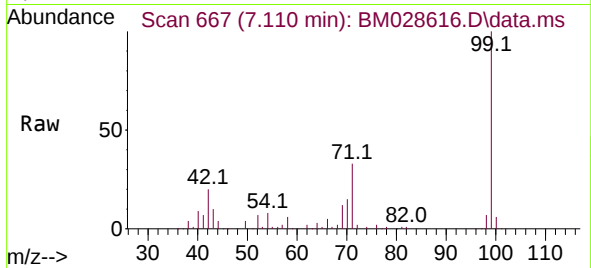
#7
Phenol-d6
Concen: 78.60 ng
RT: 7.110 min Scan# 667
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion	Ratio	Lower	Upper
99	100		
42	19.6	13.5	20.3
71	33.1	39.4	59.0#

Instrument :
BNA_M
ClientSampleId :
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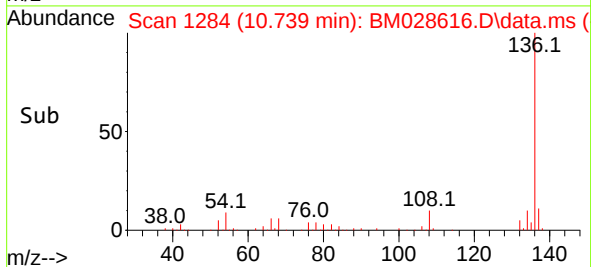
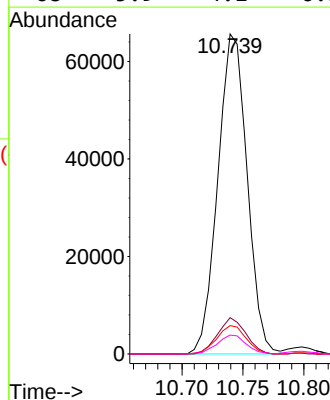
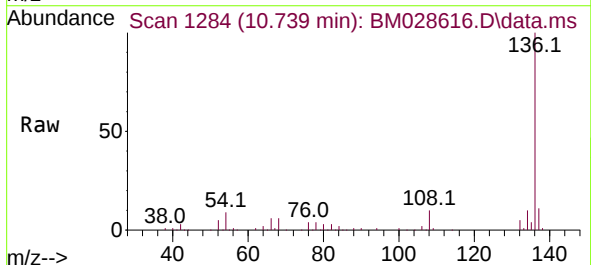
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	8.9	4.6	7.0#
68	5.9	4.1	6.1





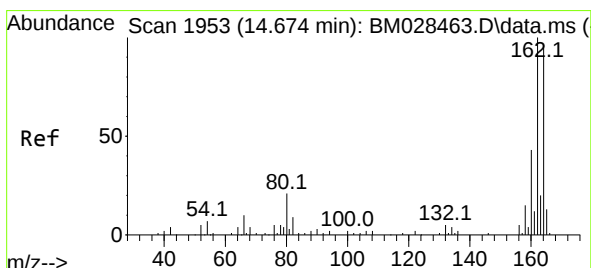
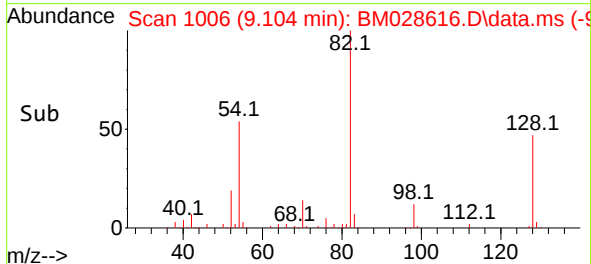
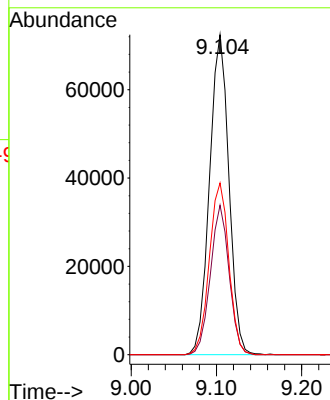
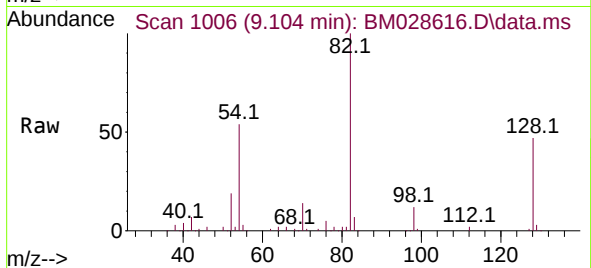
#23
Nitrobenzene-d5
Concen: 49.24 ng
RT: 9.104 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion: 82 Resp: 114119
Ion Ratio Lower Upper
82 100
128 46.7 27.4 41.0#
54 53.7 31.4 47.0#

Instrument :
BNA_M
ClientSampleId :
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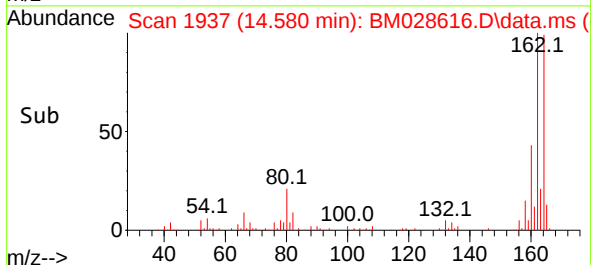
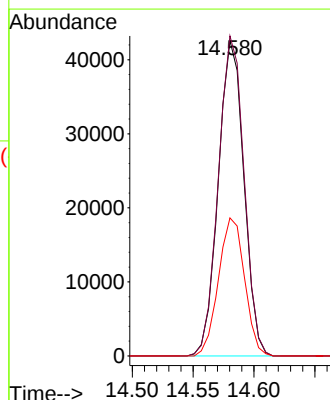
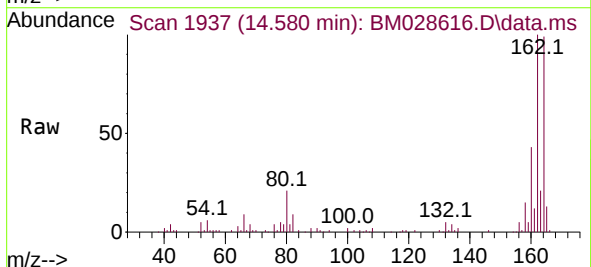
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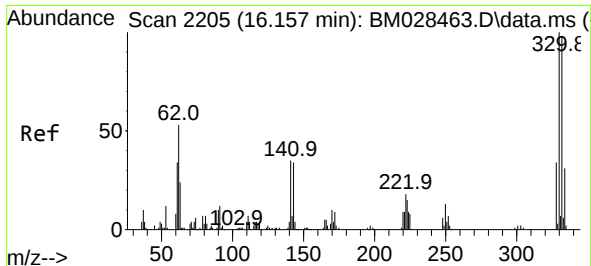
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.580 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

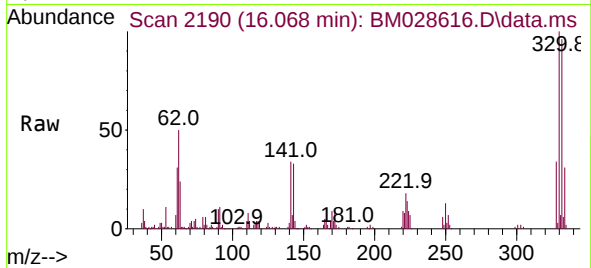
Tgt Ion: 164 Resp: 62201
Ion Ratio Lower Upper
164 100
162 101.5 80.4 120.6
160 43.8 35.9 53.9





#42
2,4,6-Tribromophenol
Concen: 82.72 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

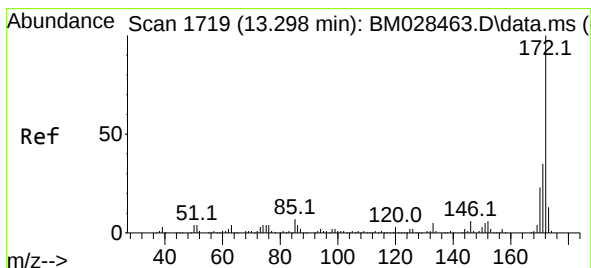
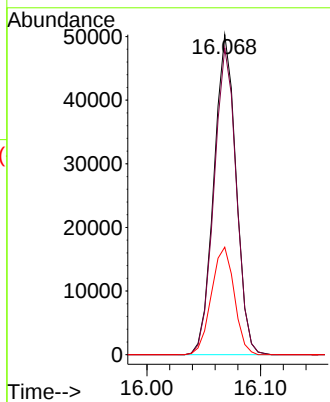
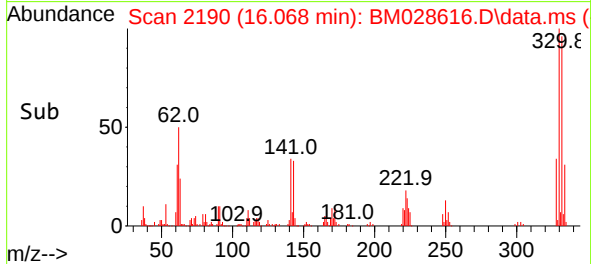
Instrument :
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ClientSampleId :
RO-RBR-200035



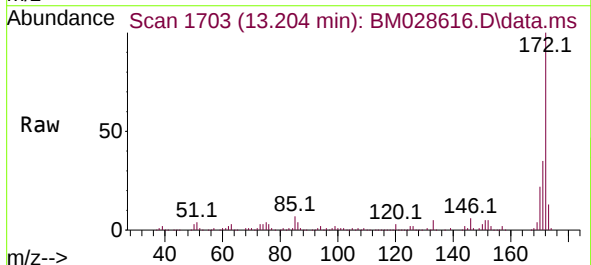
Tgt Ion:330 Resp: 68176
Ion Ratio Lower Upper
330 100
332 96.2 77.8 116.8
141 34.7 28.4 42.6

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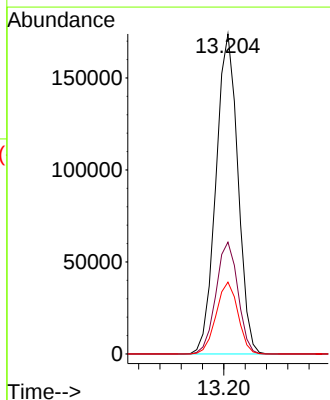
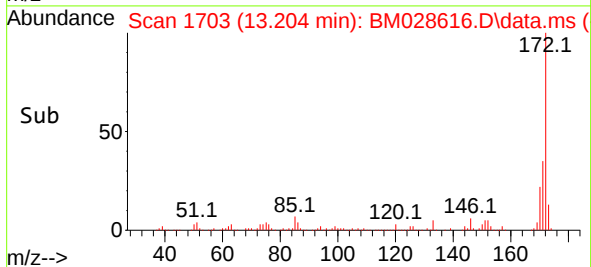
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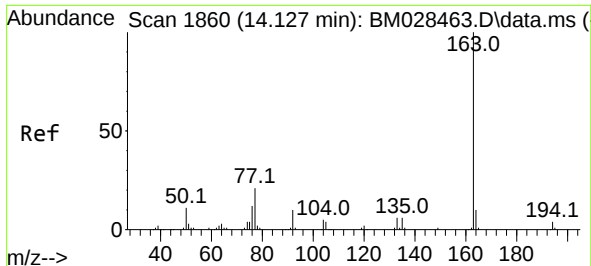


#45
2-Fluorobiphenyl
Concen: 50.11 ng
RT: 13.204 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

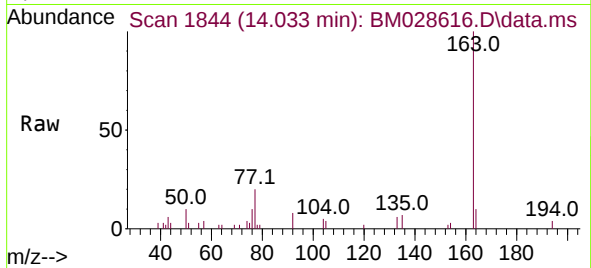


Tgt Ion:172 Resp: 248446
Ion Ratio Lower Upper
172 100
171 35.0 27.8 41.8
170 22.4 18.6 27.8





#50
Dimethylphthalate
Concen: 2.30 ng
RT: 14.033 min Scan# 1844
Delta R.T. -0.018 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

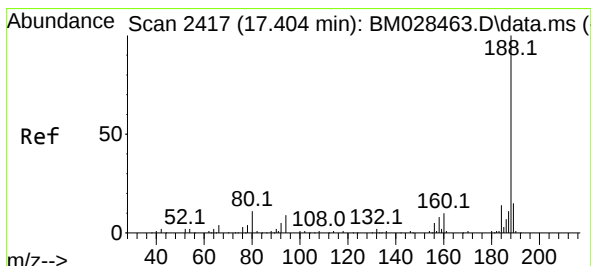
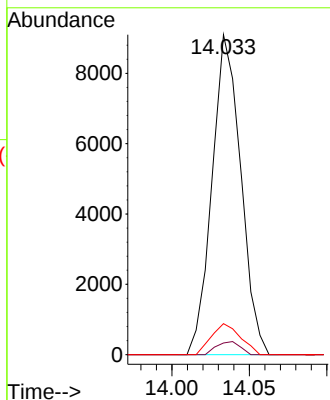
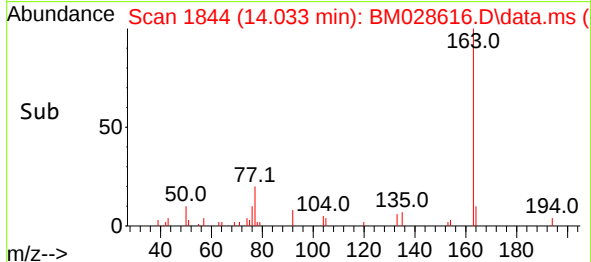


Tgt Ion:163 Resp: 11736
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.7 8.1 12.1

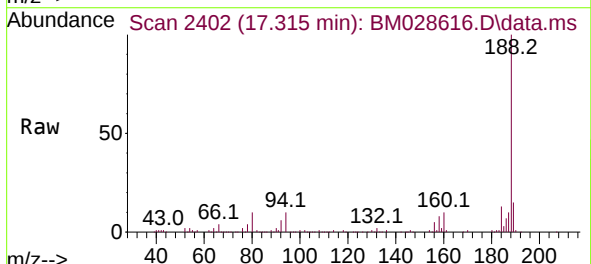
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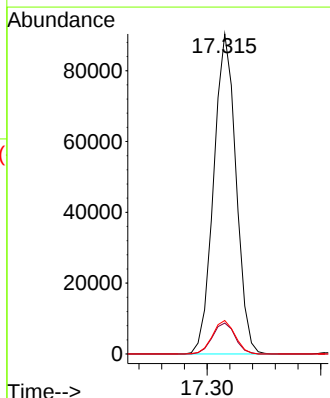
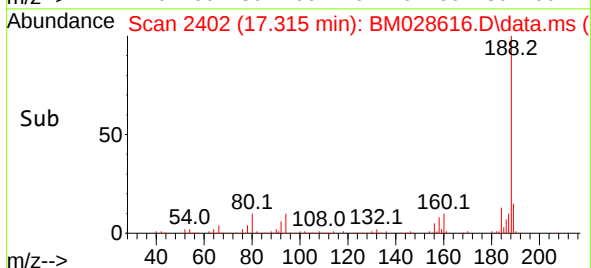
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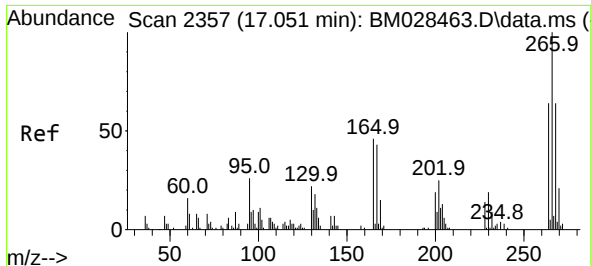


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17



Tgt Ion:188 Resp: 123468
Ion Ratio Lower Upper
188 100
94 9.6 6.2 9.4#
80 10.5 7.5 11.3





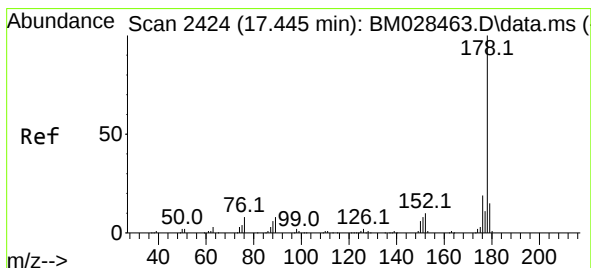
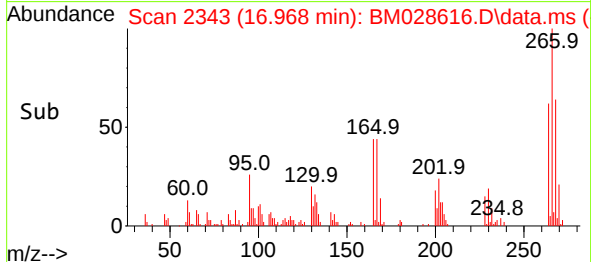
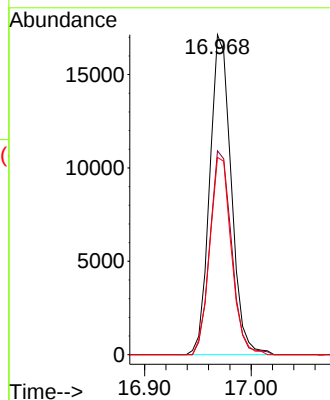
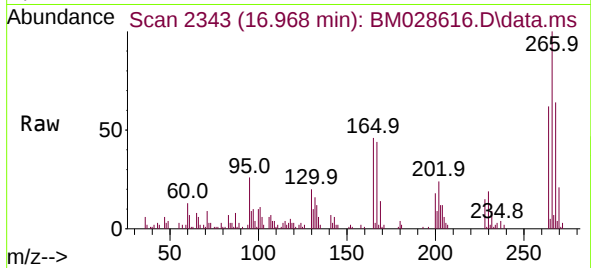
#70
Pentachlorophenol
Concen: 25.89 ng
RT: 16.968 min Scan# 2343
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	49.9	74.9
264	61.6	50.6	76.0

Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

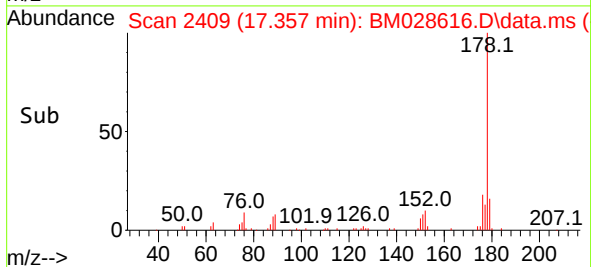
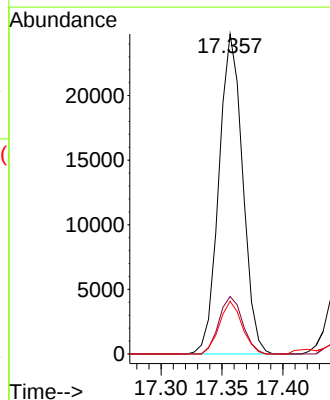
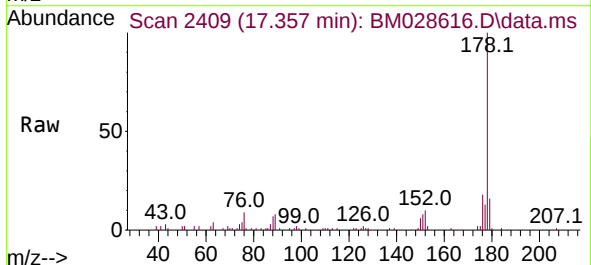
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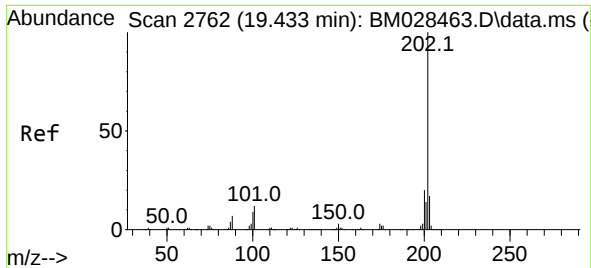
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#71
Phenanthrene
Concen: 4.42 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.0	22.6
179	16.4	12.2	18.4





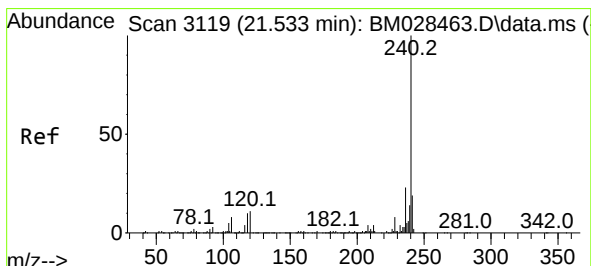
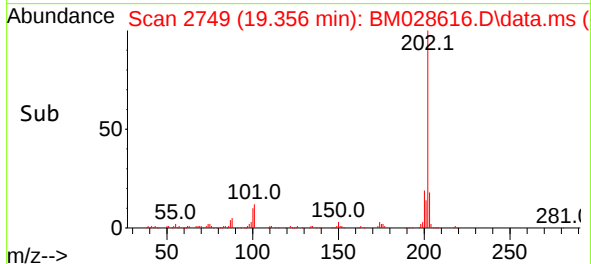
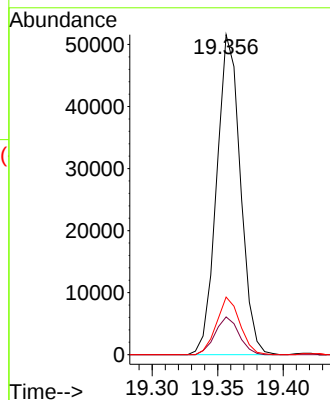
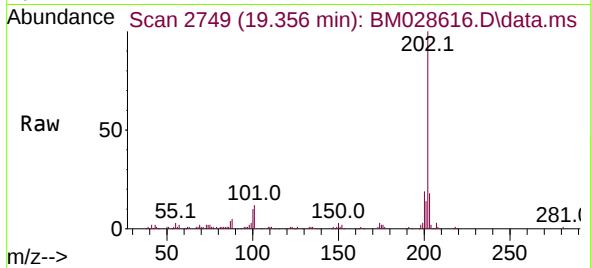
#75
Fluoranthene
Concen: 7.61 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:202 Resp: 64874
Ion Ratio Lower Upper
202 100
101 11.8 0.0 28.5
203 18.0 0.0 37.3

Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

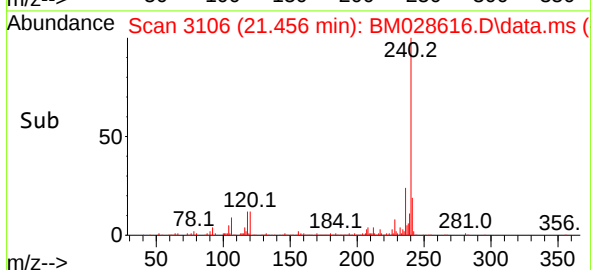
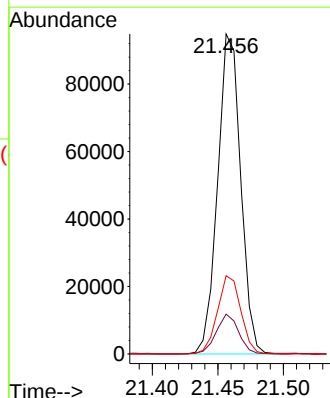
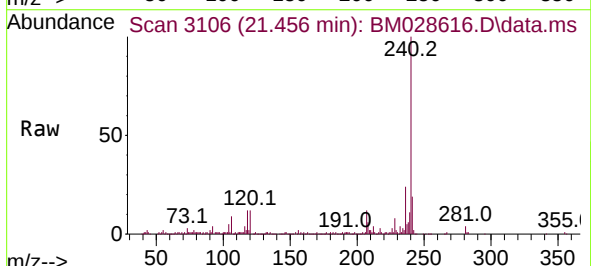
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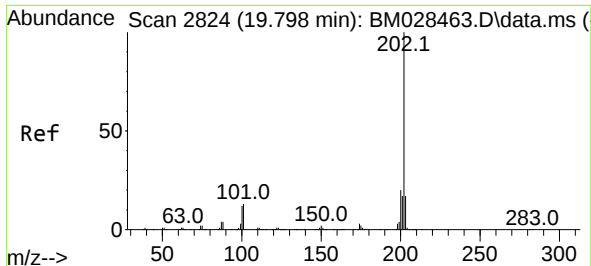
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:240 Resp: 115678
Ion Ratio Lower Upper
240 100
120 12.5 6.4 9.6#
236 24.5 20.1 30.1





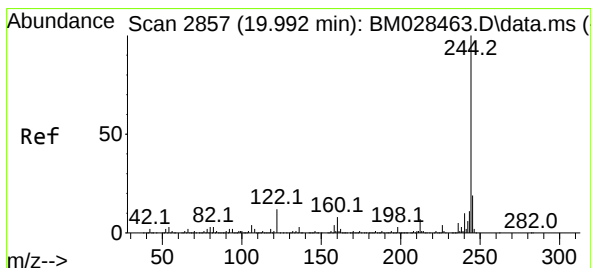
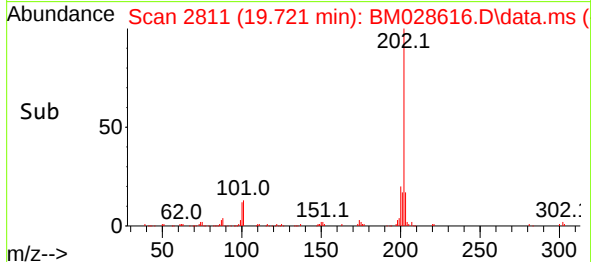
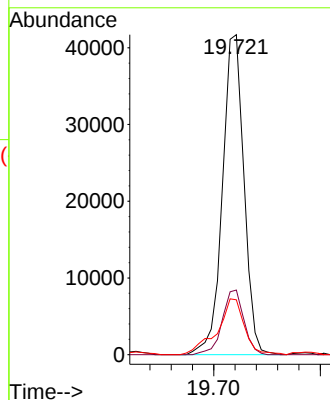
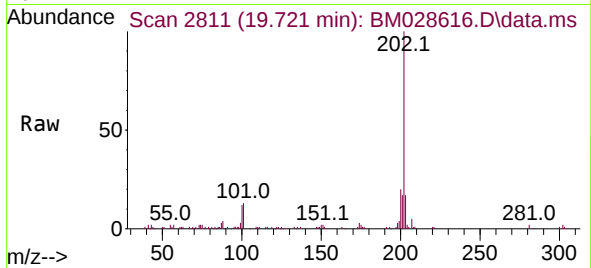
#78
Pyrene
Concen: 7.05 ng
RT: 19.721 min Scan# 2811
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:	202	Resp:	58449
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.6	24.8
203	17.1	13.8	20.6

Instrument :
BNA_M
ClientSampleId :
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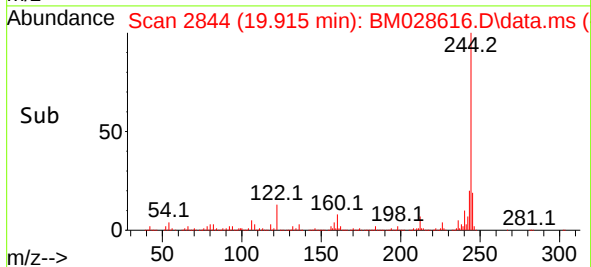
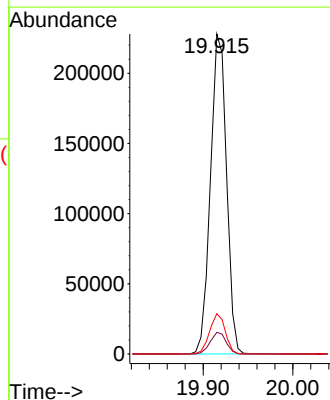
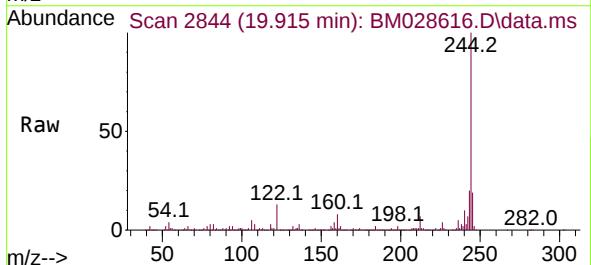
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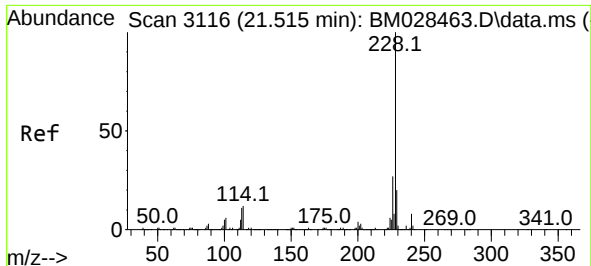
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#79
Terphenyl-d14
Concen: 44.21 ng
RT: 19.915 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:	244	Resp:	283220
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.8
122	12.6	6.5	9.7#





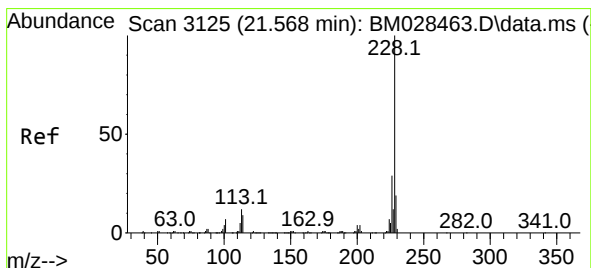
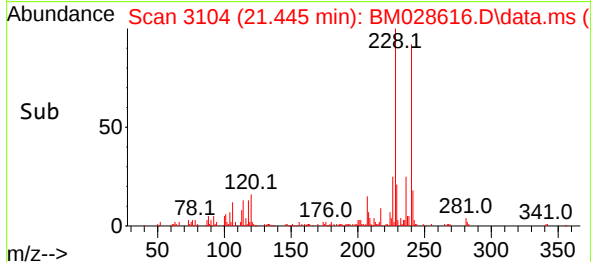
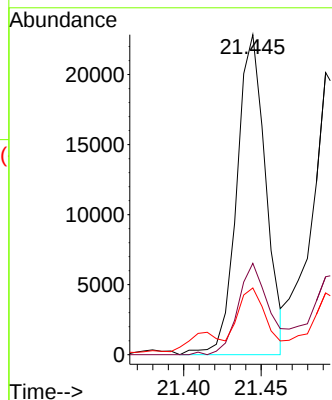
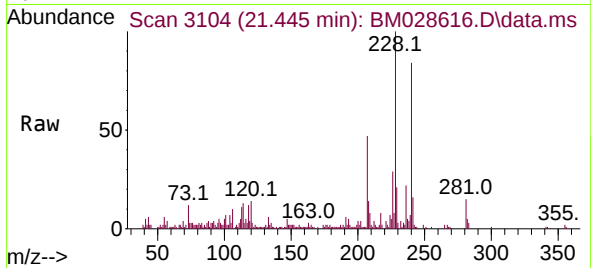
#81
Benzo(a)anthracene
Concen: 3.72 ng
RT: 21.445 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:228 Resp: 29680
Ion Ratio Lower Upper
228 100
226 28.6 21.1 31.7
229 20.8 15.7 23.5

Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

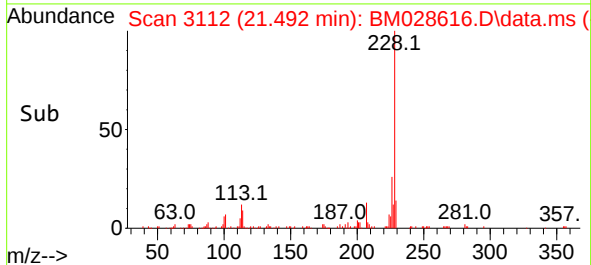
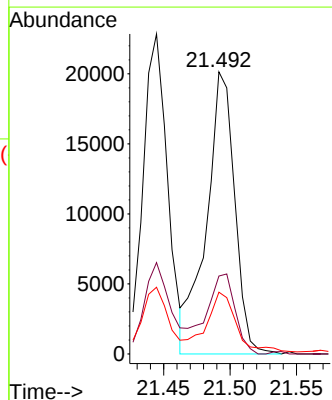
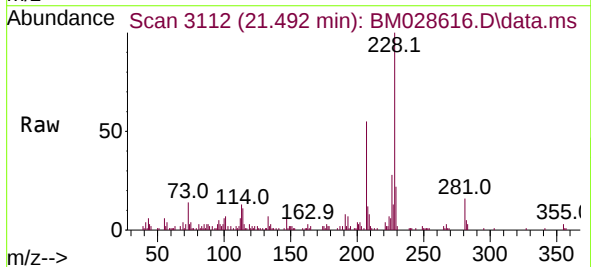
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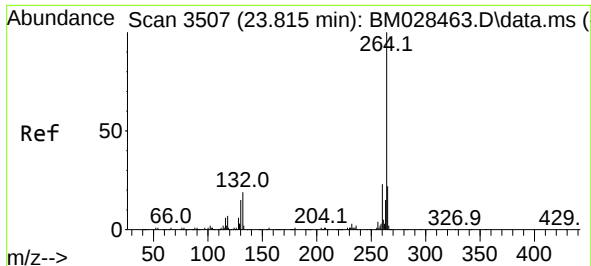
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#83
Chrysene
Concen: 3.88 ng m
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

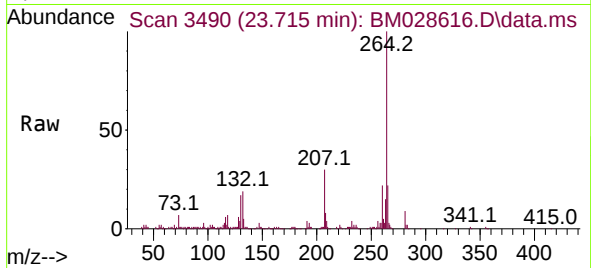
Tgt Ion:228 Resp: 29925
Ion Ratio Lower Upper
228 100
226 27.6 23.4 35.0
229 21.9 15.7 23.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.715 min Scan# 3490
 Delta R.T. -0.012 min
 Lab File: BM028616.D
 Acq: 29 Jan 2021 21:17

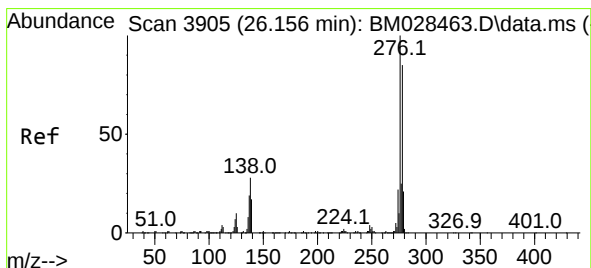
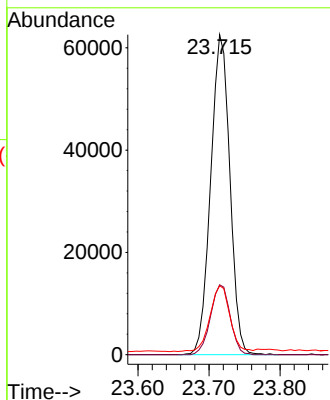
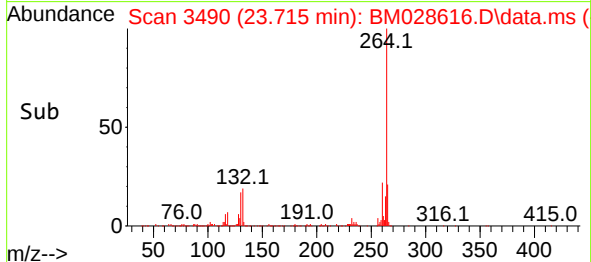
Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR-200035



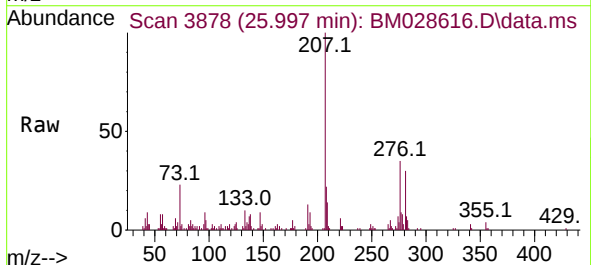
Tgt Ion:264 Resp: 117166
 Ion Ratio Lower Upper
 264 100
 260 21.9 19.0 28.4
 265 21.6 17.7 26.5

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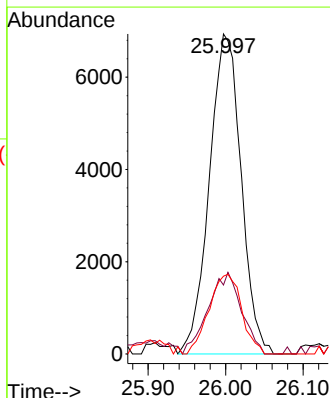
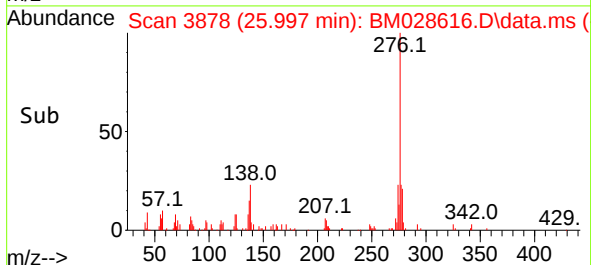
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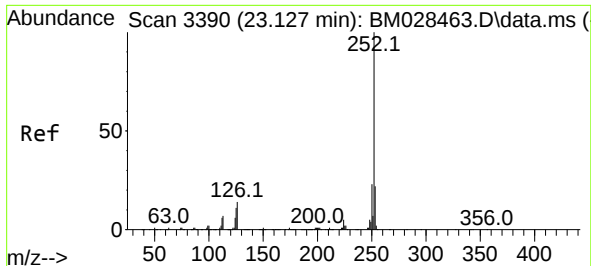


#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.27 ng
 RT: 25.997 min Scan# 3878
 Delta R.T. -0.035 min
 Lab File: BM028616.D
 Acq: 29 Jan 2021 21:17



Tgt Ion:276 Resp: 19789
 Ion Ratio Lower Upper
 276 100
 138 26.8 14.2 21.4#
 277 25.5 19.8 29.8





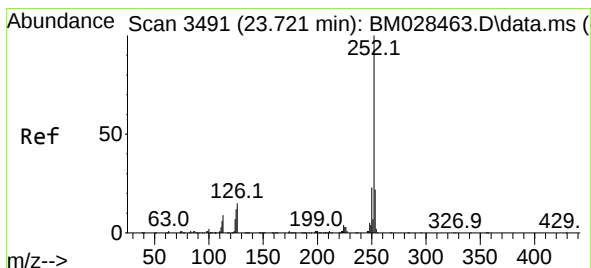
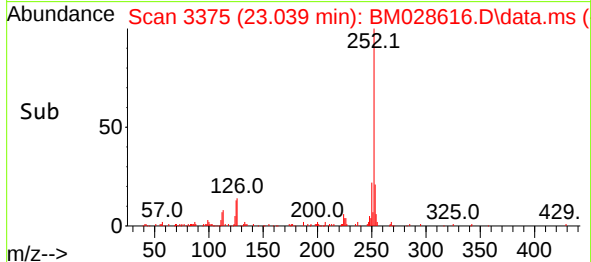
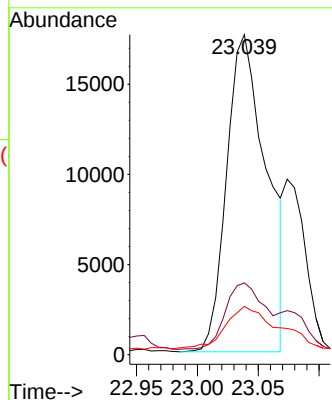
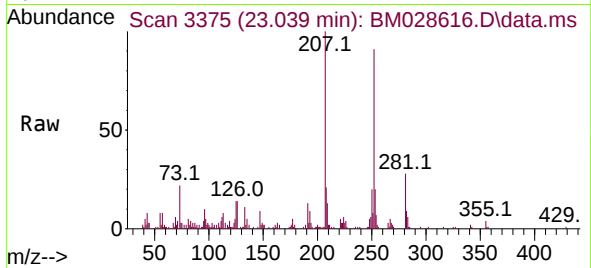
#88
Benzo(b)fluoranthene
Concen: 5.02 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.012 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:252 Resp: 39965
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.0
125 15.1 5.7 8.5#

Instrument :
BNA_M
ClientSampleId :
RO-RBR-200035

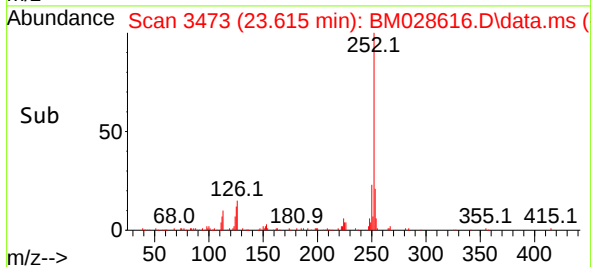
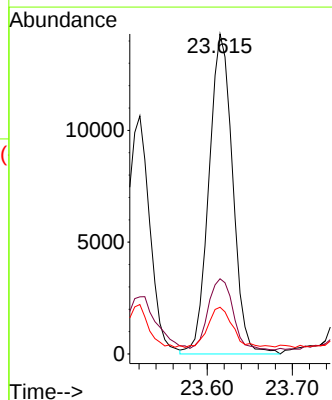
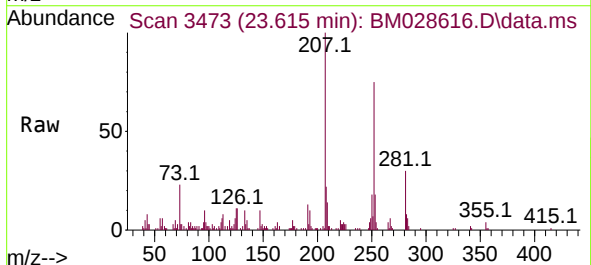
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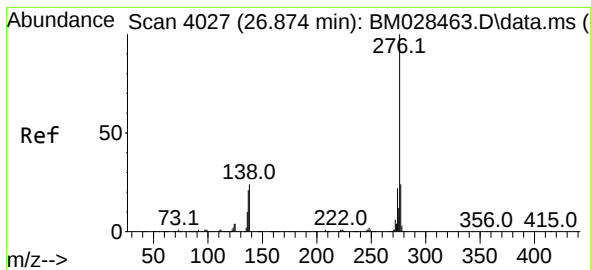
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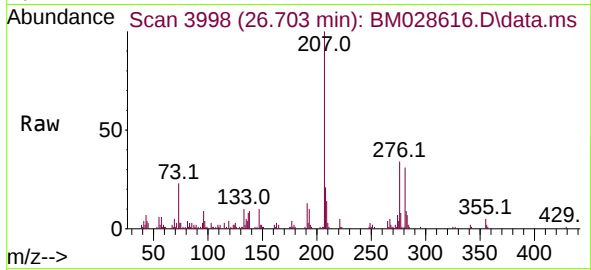
#90
Benzo(a)pyrene
Concen: 3.76 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028616.D
Acq: 29 Jan 2021 21:17

Tgt Ion:252 Resp: 27730
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 14.6 6.6 9.8#

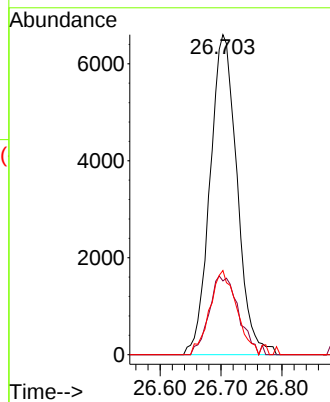
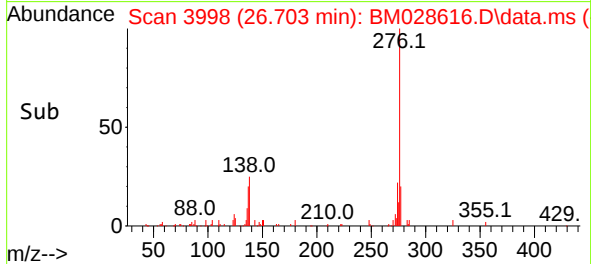




#92
 Benzo(g,h,i)perylene
 Concen: 2.86 ng
 RT: 26.703 min Scan# 3998
 Delta R.T. -0.029 min
 Lab File: BM028616.D
 Acq: 29 Jan 2021 21:17



Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	18.6	28.0
138	26.3	12.2	18.2#



Instrument :
 BNA_M
 ClientSampleId :
 RO-RBR-200035

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