

Data File : BM026215.D
Acq On : 02 Jun 2020 02:05
Operator : JU/CG
Sample : L2829-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CE5

Manual Integrations
APPROVED

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Quant Time: Jun 02 11:12:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 01 16:59:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	190690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	753020	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	468752	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	946840	20.00	ng/ul	0.02
78) Chrysene-d12	21.07	240	974375	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1024638	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	25633	4.05	ng/uL	0.00
5) Phenol-d5	6.67	99	114471	6.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	316732	26.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	300863	22.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	197213	15.13	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	203118	33.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	206281	33.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	330901	27.14	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	1050246	27.94	ng/ul	0.00
47) Acenaphthylene-d8	13.81	160	1270974	28.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	59257	8.90	ng/ul	0.02
58) Fluorene-d10	15.12	176	934364	28.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	243350m	44.08	ng/ul	0.02
71) Anthracene-d10	16.99	188	1425894	30.56	ng/ul	0.02
79) Pyrene-d10	19.27	212	1532578	30.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1498715	27.48	ng/ul	0.00

Target Compounds

					Qvalue	
16) 4-Methylphenol	8.26	108	17562	1.209	ng/ul	99
24) 2,4-Dimethylphenol	9.45	107	27683	1.642	ng/ul#	57
27) 2,4-Dichlorophenol	9.90	162	47139m	3.728	ng/ul	
28) Naphthalene	10.28	128	1037176	22.527	ng/ul	99
34) 2-Methylnaphthalene	11.91	142	1338139	43.211	ng/ul	99
39) 2,4,6-Trichlorophenol	12.54	196	40416	4.135	ng/ul	97
40) 2,4,5-Trichlorophenol	12.62	196	698726	64.779	ng/ul	98
41) 1,1'-Biphenyl	12.95	154	510107	12.264	ng/ul	99
45) Dimethylphthalate	13.60	163	193102	4.893	ng/ul#	93
48) Acenaphthylene	13.85	152	116000	2.373	ng/ul#	13
50) Acenaphthene	14.19	153	347000	10.063	ng/ul	98
54) Dibenzofuran	14.52	168	244237	5.040	ng/ul#	73
56) 2,3,4,6-Tetrachlorophenol	14.77	232	930487	102.580	ng/ul#	99
59) Fluorene	15.18	166	423769	10.811	ng/ul#	94
69) Pentachlorophenol	16.61	266	25639049	3755.059	ng/ul	98
70) Phenanthrene	16.93	178	1536093	25.755	ng/ul	97
72) Anthracene	17.02	178	236933m	3.960	ng/ul	
77) Fluoranthene	18.94	202	197233	3.153	ng/ul#	92
80) Pyrene	19.30	202	451498	6.601	ng/ul	99

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

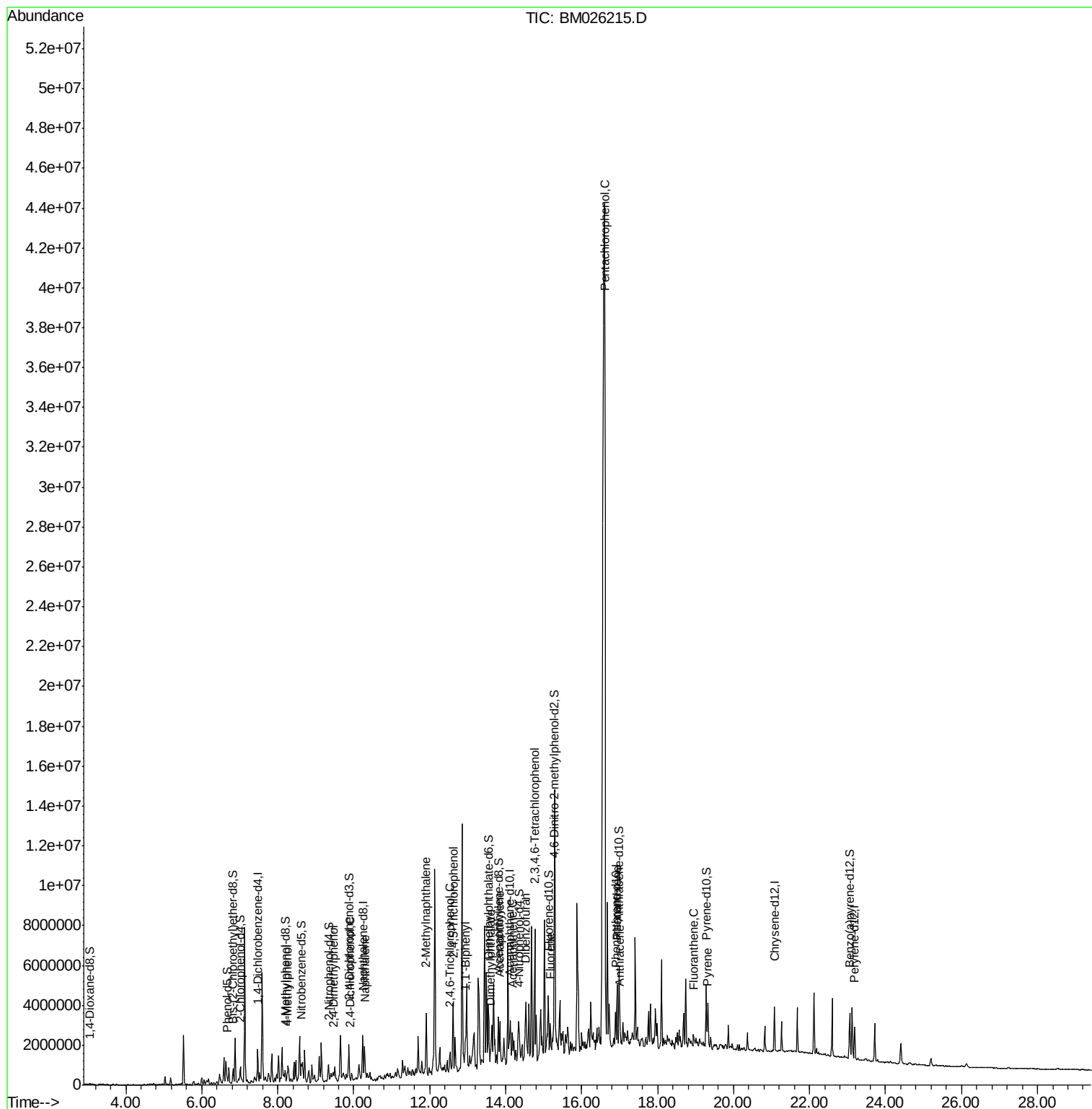
Data File : BM026215.D
Acq On : 02 Jun 2020 02:05
Operator : JU/CG
Sample : L2829-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

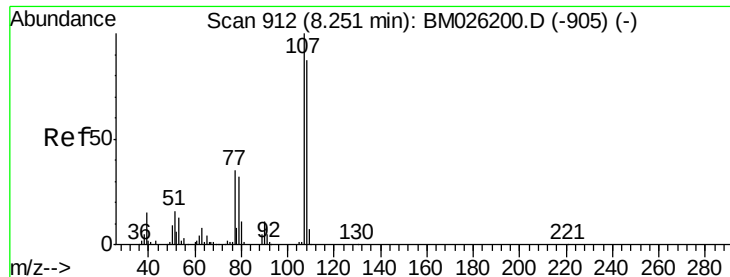
Instrument :
BNA_M
ClientSampleId :
C5CE5

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Quant Time: Jun 02 11:12:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
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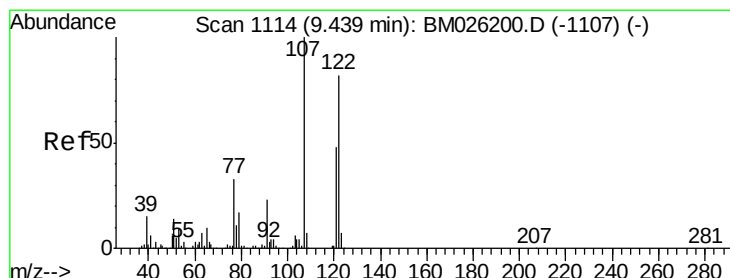
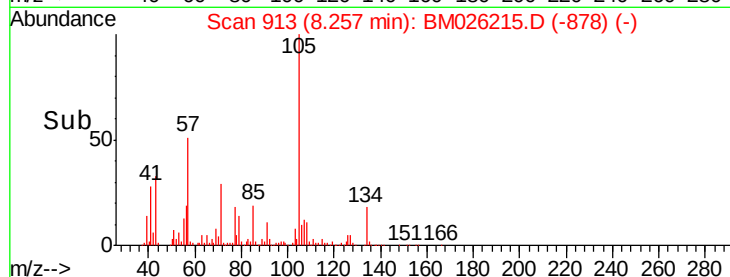
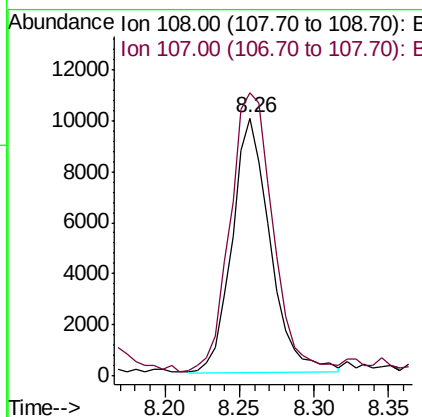
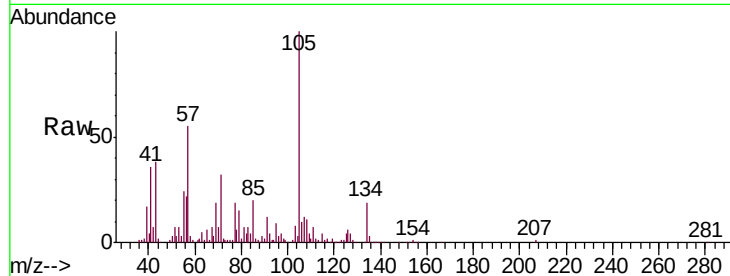
#16
 4-Methylphenol
 Concen: 1.209 ng/ul
 RT: 8.26 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Instrument :
 BNA_M
 ClientSampleId :
 C5CE5

Tgt Ion:108 Resp: 17562
 Ion Ratio Lower Upper
 108 100
 107 109.7 88.6 132.8

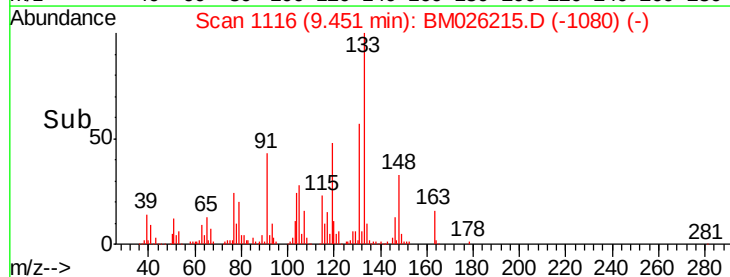
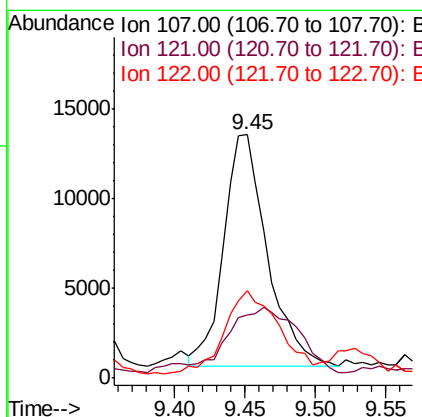
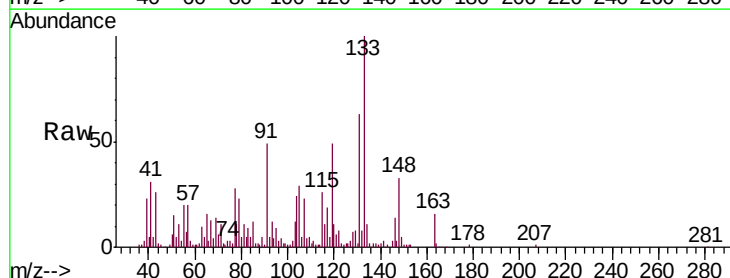
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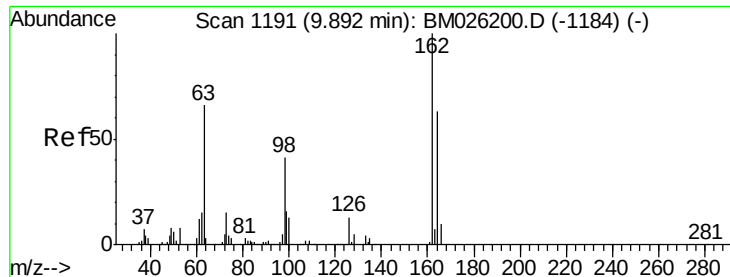
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#24
 2,4-Dimethylphenol
 Concen: 1.642 ng/ul
 RT: 9.45 min Scan# 1116
 Delta R.T. 0.01 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Tgt Ion:107 Resp: 27683
 Ion Ratio Lower Upper
 107 100
 121 25.8 37.5 56.3#
 122 36.2 63.8 95.6#





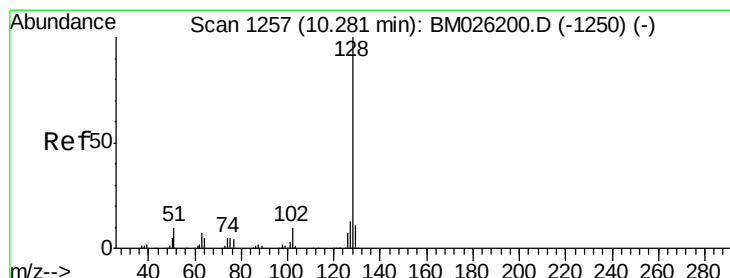
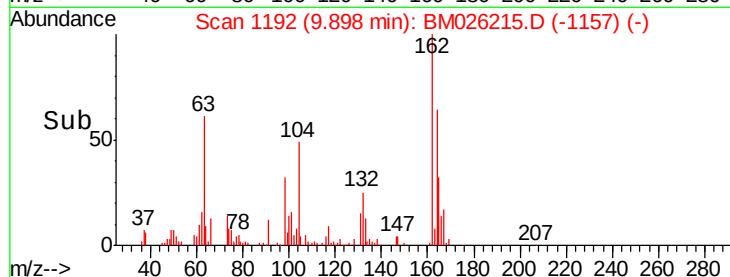
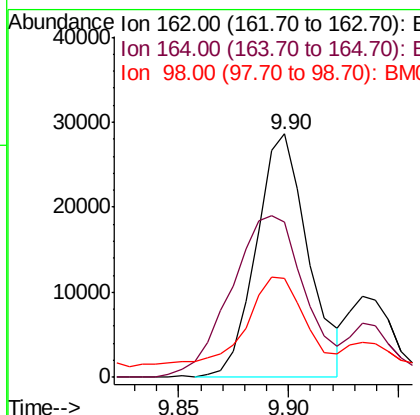
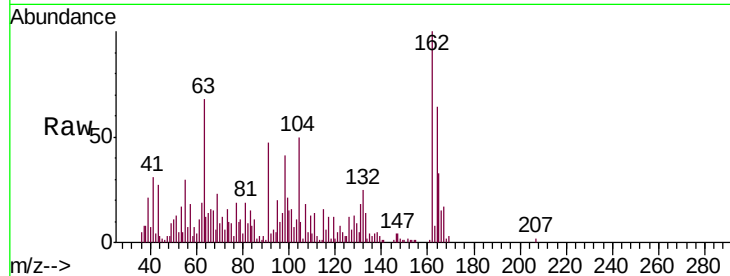
#27
2,4-Dichlorophenol
Concen: 3.728 ng/ul m
RT: 9.90 min Scan# 1192
Delta R.T. 0.01 min
Lab File: BM026215.D
Acq: 02 Jun 2020 02:05

Instrument :
BNA_M
ClientSampleId :
C5CE5

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	51.0	76.4
98	40.6	32.1	48.1

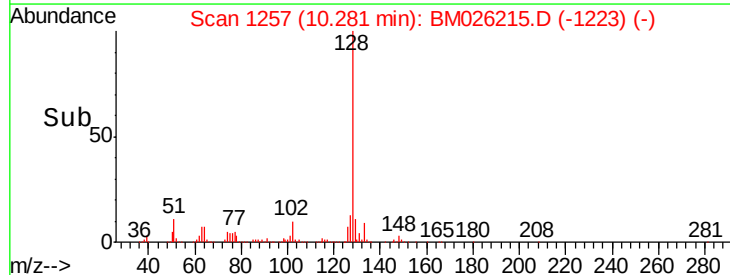
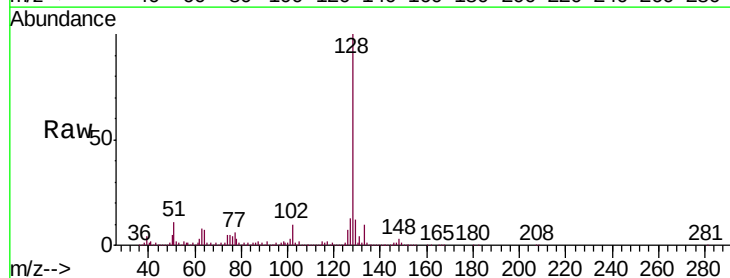
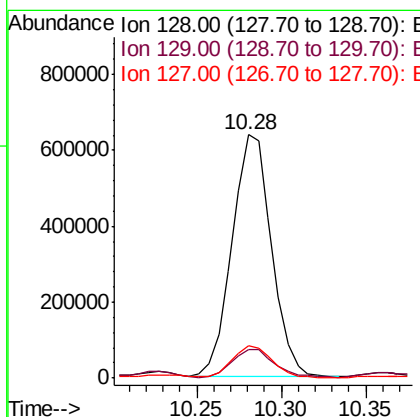
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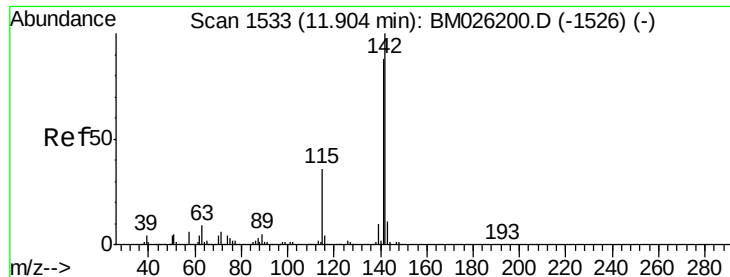
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#28
Naphthalene
Concen: 22.527 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BM026215.D
Acq: 02 Jun 2020 02:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.1	10.6	15.8





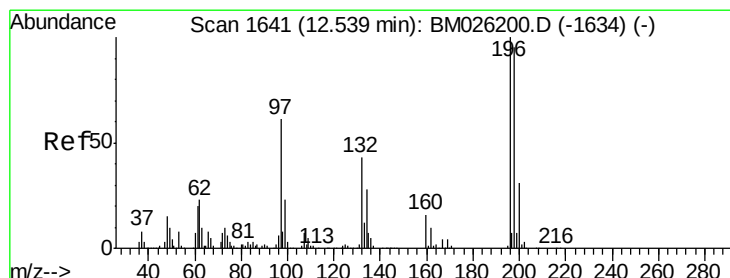
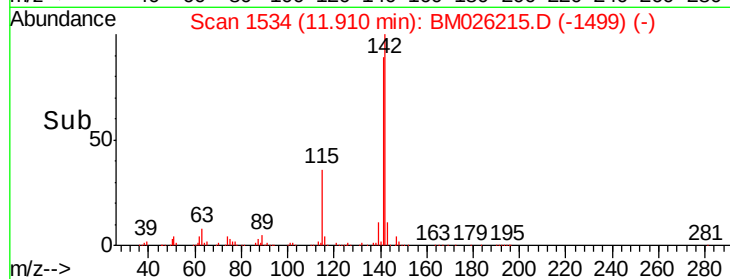
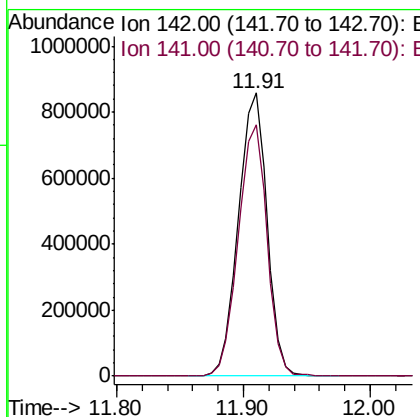
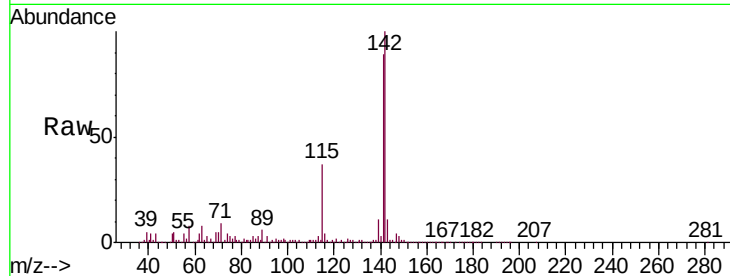
#34
2-Methylnaphthalene
Concen: 43.211 ng/ul
RT: 11.91 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BM026215.D
Acq: 02 Jun 2020 02:05

Instrument :
BNA_M
ClientSampleId :
C5CE5

Tgt Ion:142 Resp: 1338139
Ion Ratio Lower Upper
142 100
141 89.0 71.8 107.6

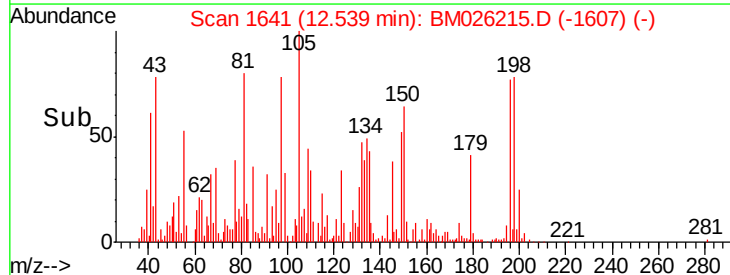
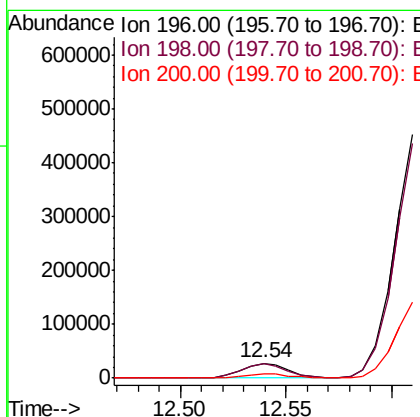
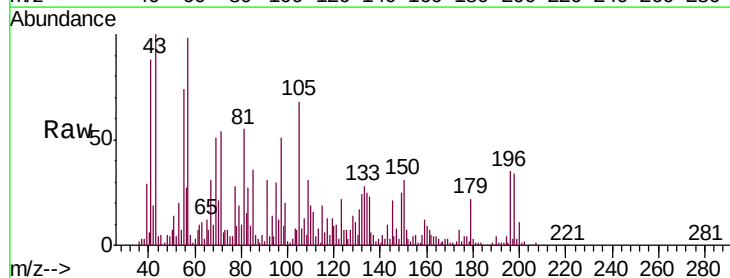
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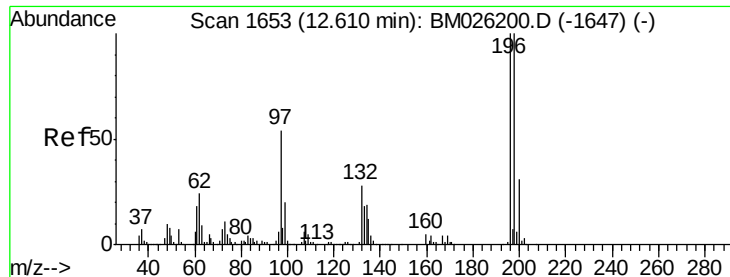
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#39
2,4,6-Trichlorophenol
Concen: 4.135 ng/ul
RT: 12.54 min Scan# 1641
Delta R.T. -0.00 min
Lab File: BM026215.D
Acq: 02 Jun 2020 02:05

Tgt Ion:196 Resp: 40416
Ion Ratio Lower Upper
196 100
198 98.5 76.0 114.0
200 31.1 24.5 36.7





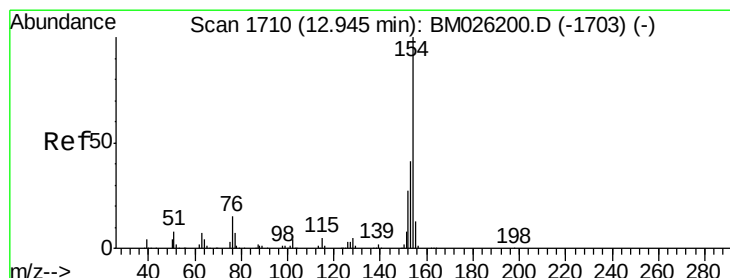
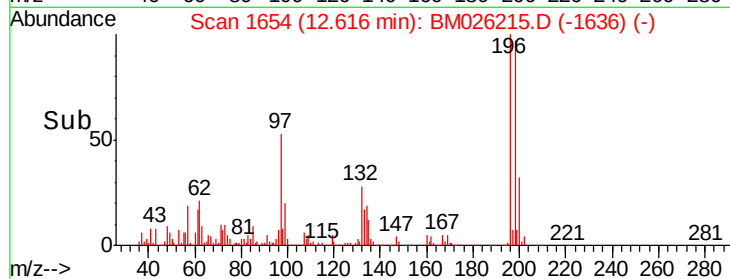
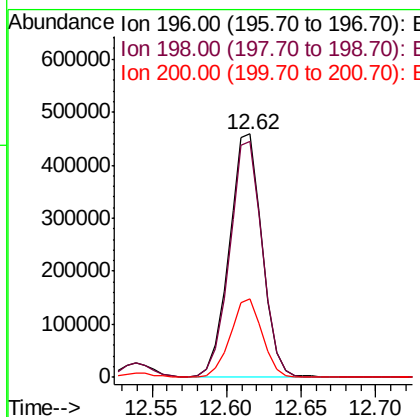
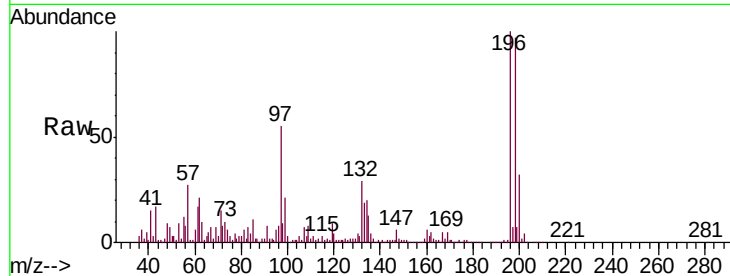
#40
 2,4,5-Trichlorophenol
 Concen: 64.779 ng/ul
 RT: 12.62 min Scan# 1654
 Delta R.T. 0.01 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Instrument :
 BNA_M
 ClientSampled :
 C5CE5

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	698726		
198	97.1	79.0	118.6	
200	32.2	25.0	37.4	

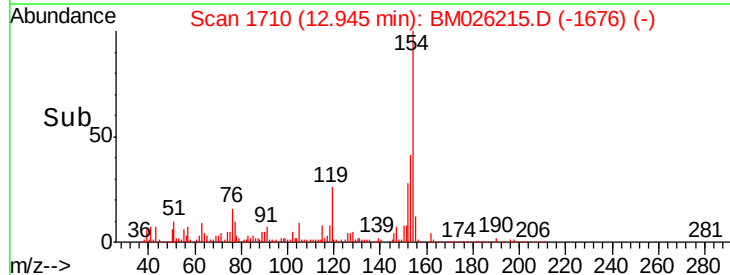
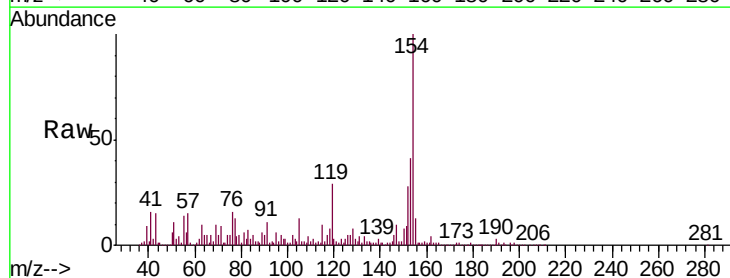
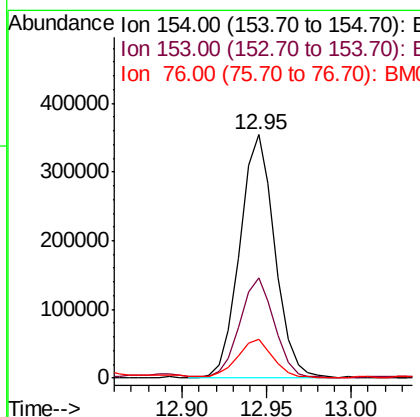
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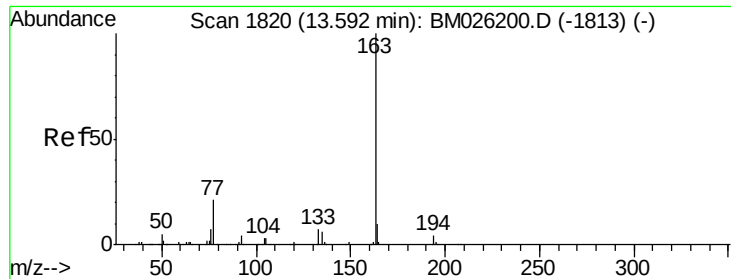
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#41
 1,1'-Biphenyl
 Concen: 12.264 ng/ul
 RT: 12.95 min Scan# 1710
 Delta R.T. -0.00 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	510107		
153	41.0	32.3	48.5	
76	16.0	13.0	19.6	





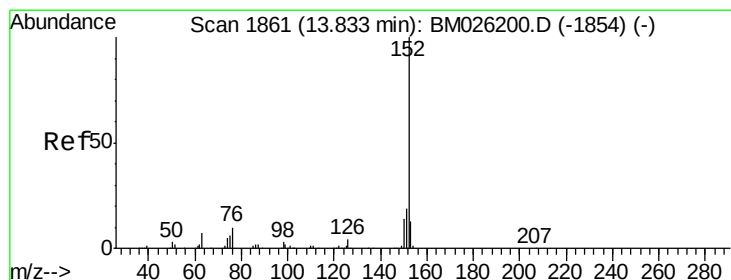
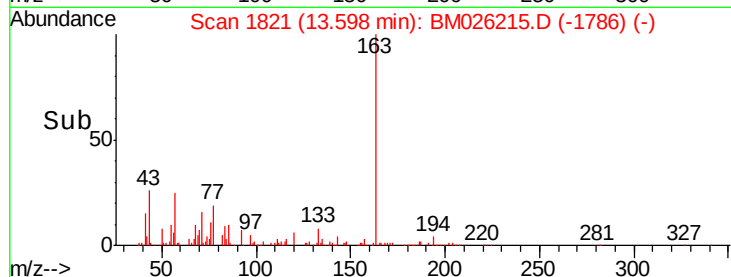
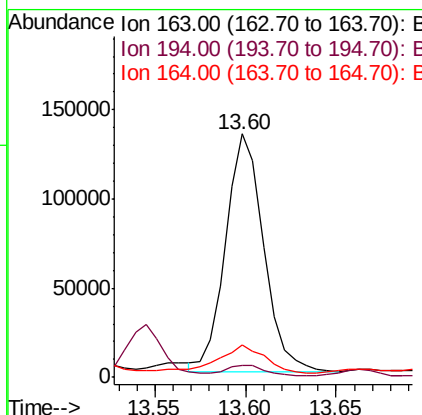
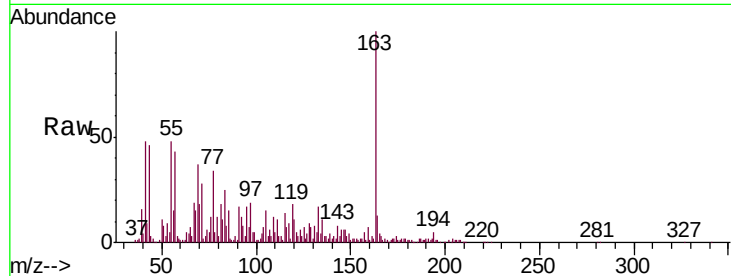
#45
Dimethylphthalate
Concen: 4.893 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BM026215.D
Acq: 02 Jun 2020 02:05

Instrument :
BNA_M
ClientSampleId :
C5CE5

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	193102		
194	5.2	3.2	4.8#	
164	13.3	8.0	12.0#	

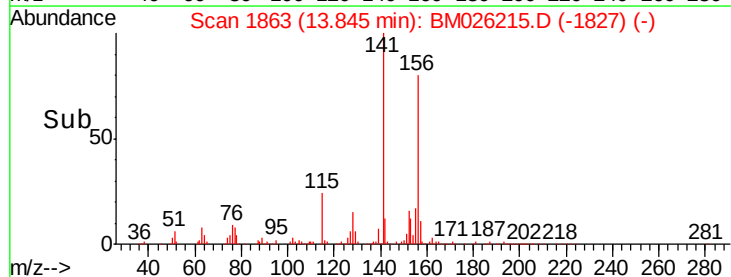
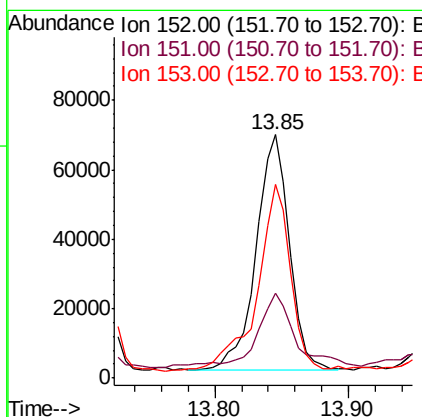
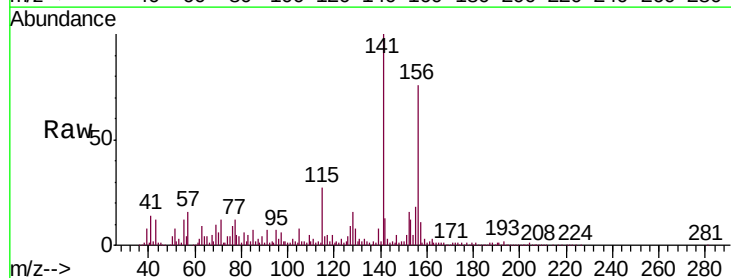
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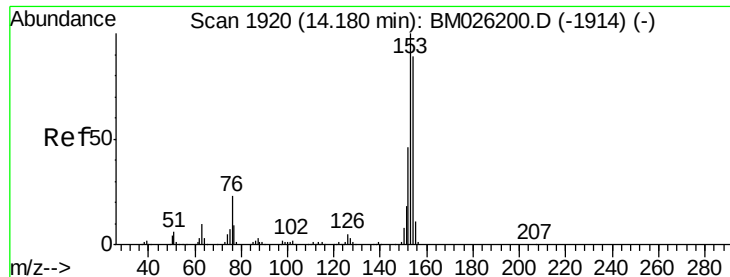
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#48
Acenaphthylene
Concen: 2.373 ng/ul
RT: 13.85 min Scan# 1863
Delta R.T. 0.01 min
Lab File: BM026215.D
Acq: 02 Jun 2020 02:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	116000		
151	35.0	15.7	23.5#	
153	79.4	10.2	15.2#	





#50

Acenaphthene

Concen: 10.063 ng/ul

RT: 14.19 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BM026215.D

Acq: 02 Jun 2020 02:05

Instrument :

BNA_M

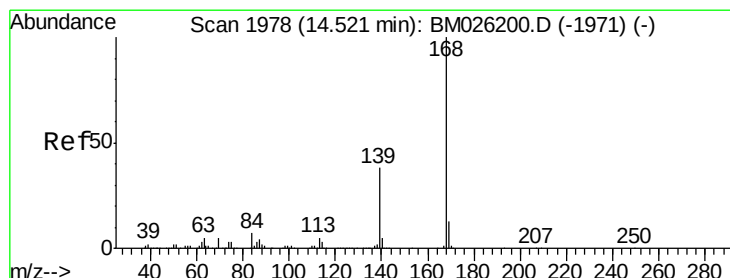
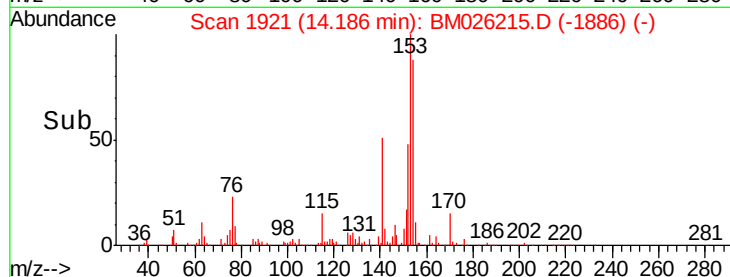
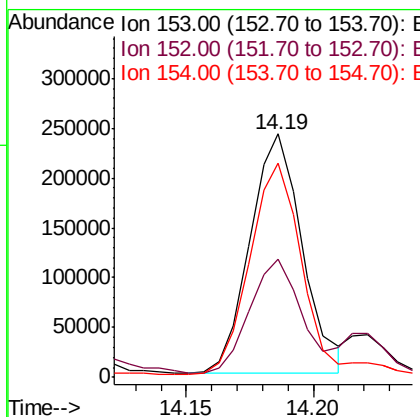
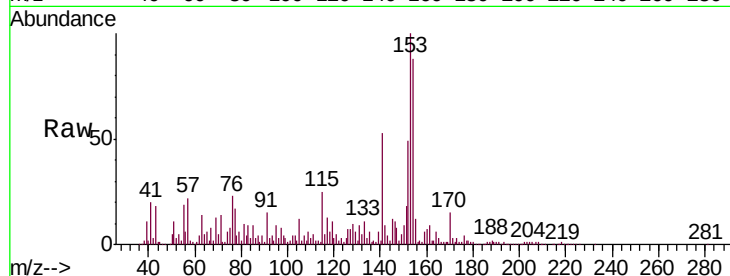
ClientSampleId :

C5CE5

Tgt Ion:	153	Resp:	347000
Ion Ratio	Lower	Upper	
153	100		
152	48.7	37.2	55.8
154	88.2	69.8	104.8

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#54

Dibenzofuran

Concen: 5.040 ng/ul

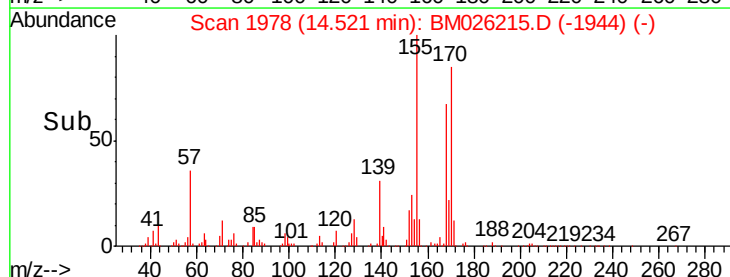
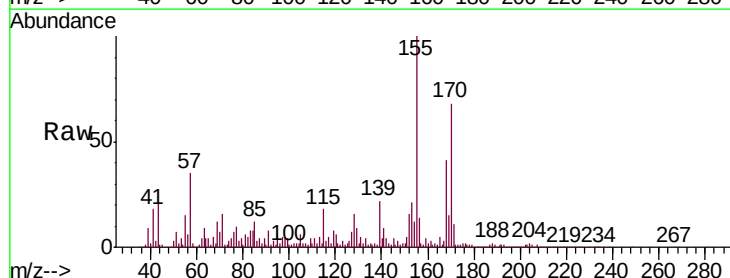
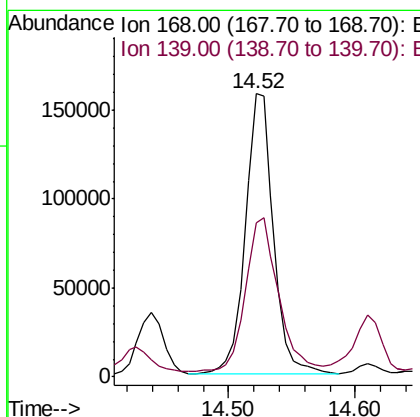
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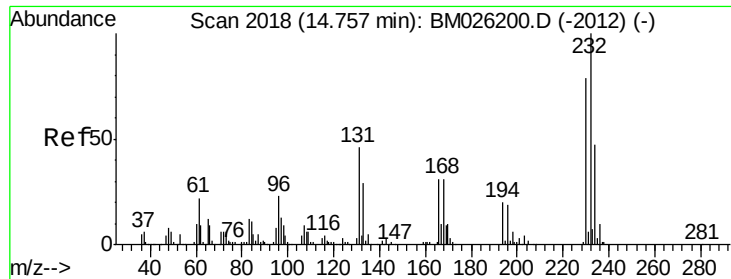
Delta R.T. -0.00 min

Lab File: BM026215.D

Acq: 02 Jun 2020 02:05

Tgt Ion:	168	Resp:	244237
Ion Ratio	Lower	Upper	
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139	54.7	30.7	46.1#





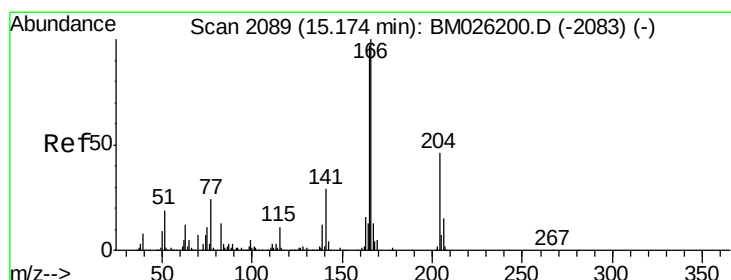
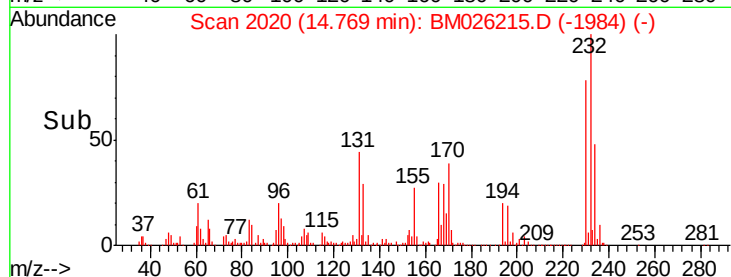
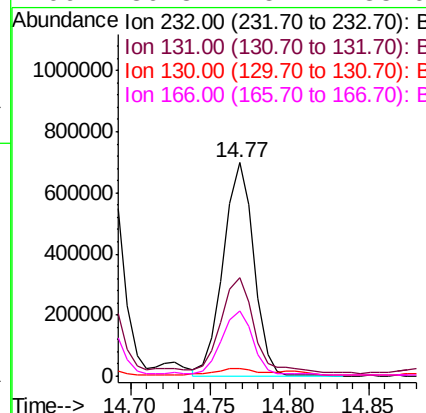
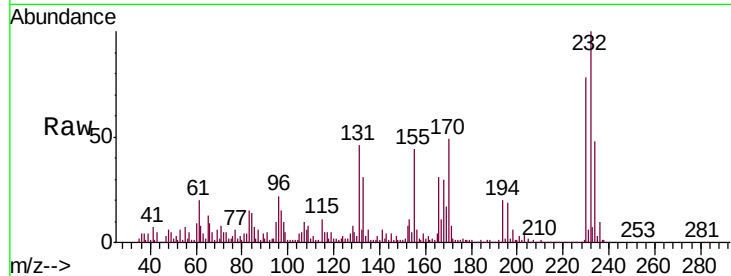
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 2,3,4,6-Tetrachlorophenol
 Concen: 102.580 ng/ul
 RT: 14.77 min Scan# 2020
 Delta R.T. 0.01 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Instrument :
 BNA_M
 ClientSampleId :
 C5CE5

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	930487		
131	46.2	37.0	55.4	
130	3.4	1.8	2.8	
166	30.8	25.4	38.0	

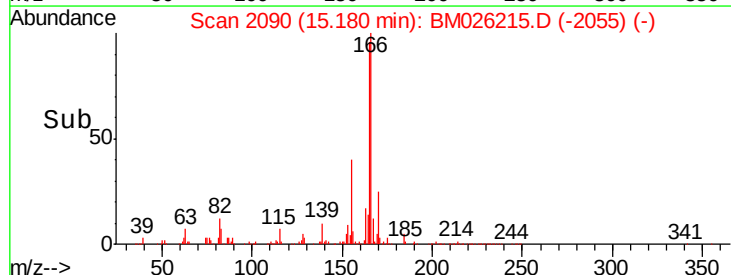
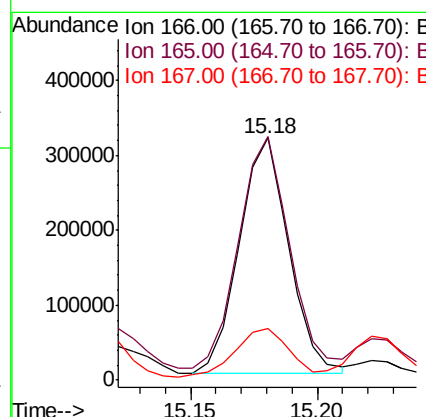
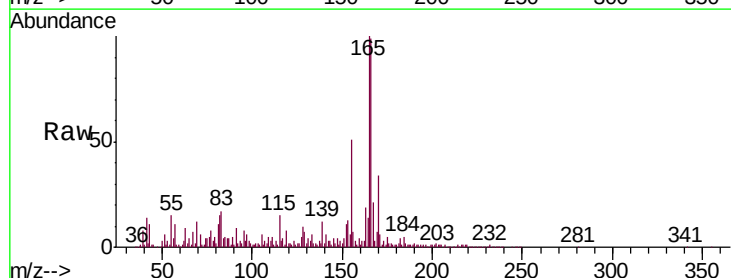
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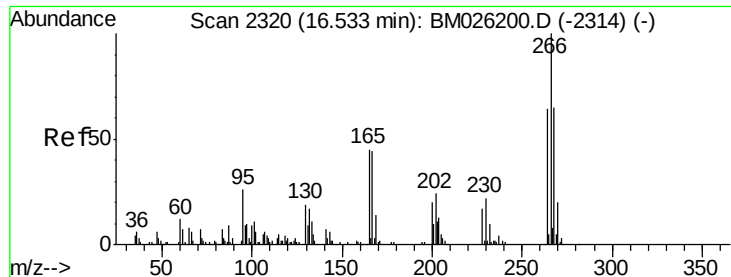
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#59
 Fluorene
 Concen: 10.811 ng/ul
 RT: 15.18 min Scan# 2090
 Delta R.T. 0.01 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	423769		
165	100.6	77.3	115.9	
167	21.6	10.6	16.0	





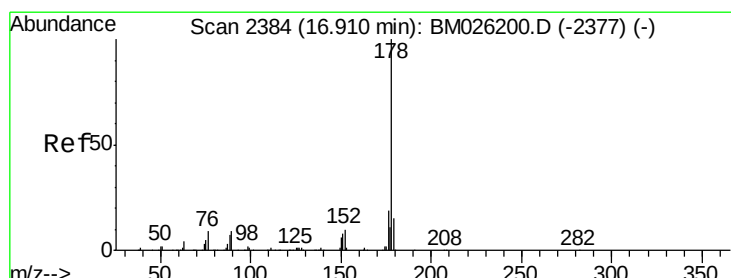
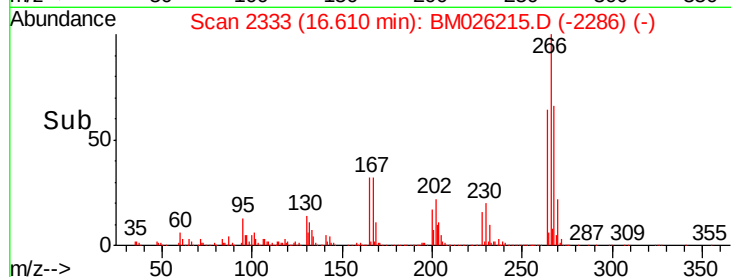
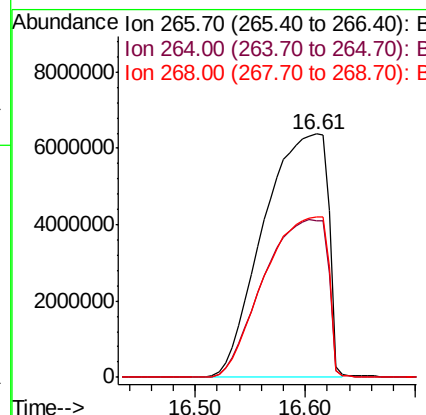
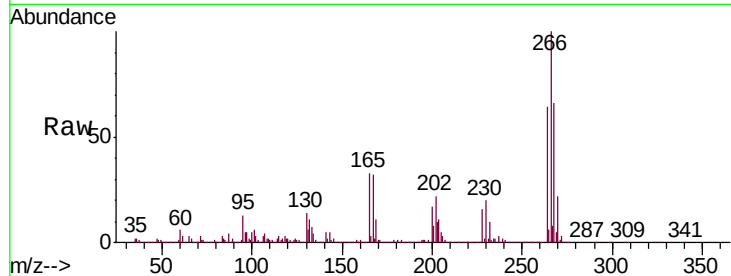
#69
 Pentachlorophenol
 Concen: 3755.059 ng/ul
 RT: 16.61 min Scan# 2333
 Delta R.T. 0.08 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Instrument :
 BNA_M
 ClientSampleId :
 C5CE5

Tgt Ion:266 Resp:25639049
 Ion Ratio Lower Upper
 266 100
 264 64.4 49.3 73.9
 268 65.8 52.4 78.6

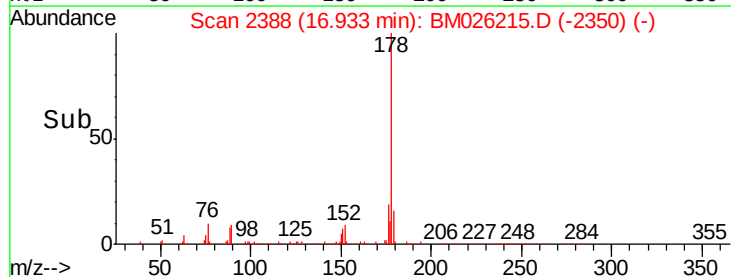
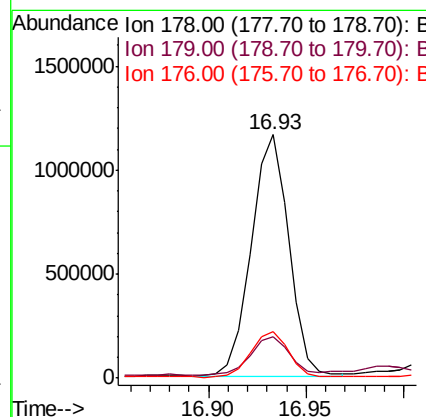
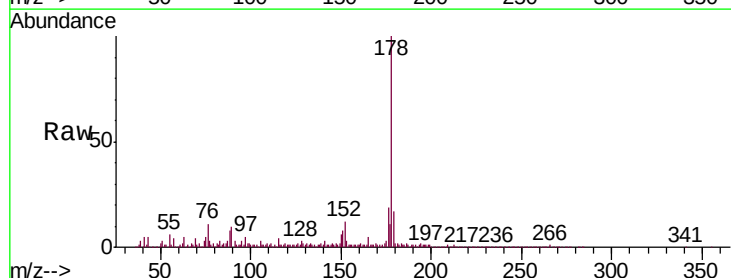
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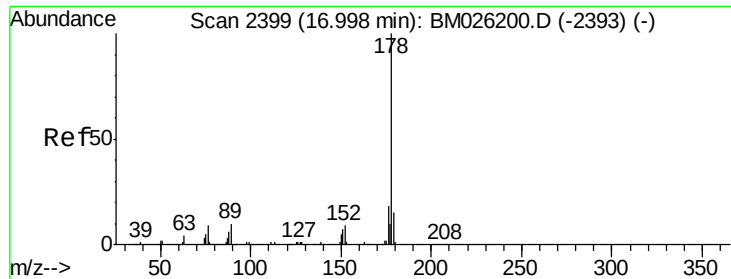
mohammad
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#70
 Phenanthrene
 Concen: 25.755 ng/ul
 RT: 16.93 min Scan# 2388
 Delta R.T. 0.02 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Tgt Ion:178 Resp: 1536093
 Ion Ratio Lower Upper
 178 100
 179 17.1 11.9 17.9
 176 18.9 14.9 22.3





#72

Anthracene

Concen: 3.960 ng/ul m

RT: 17.02 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BM026215.D

Acq: 02 Jun 2020 02:05

Instrument :

BNA_M

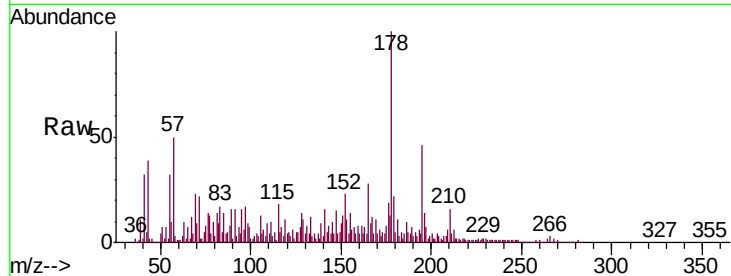
ClientSampleId :

C5CE5

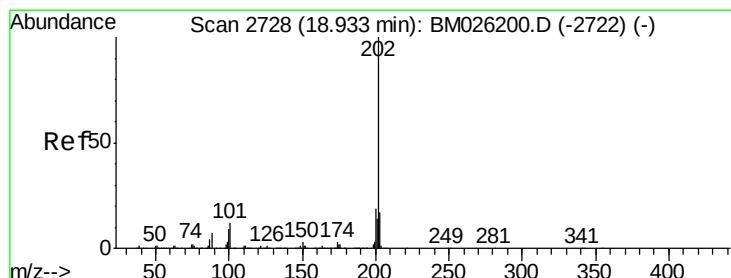
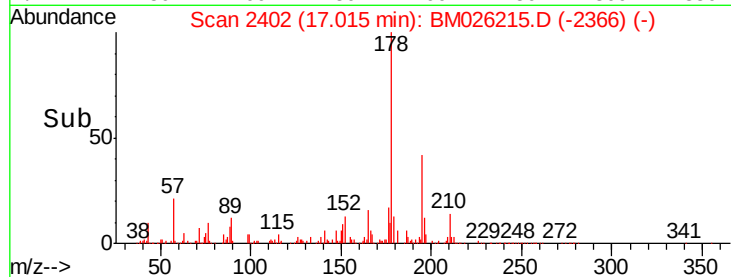
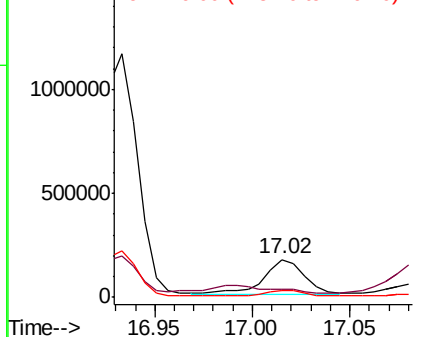
Tgt Ion:	178	Resp:	236933
Ion Ratio	Lower	Upper	
178	100		
179	22.2	12.2	18.4#
176	19.4	14.9	22.3

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#77

Fluoranthene

Concen: 3.153 ng/ul

RT: 18.94 min Scan# 2729

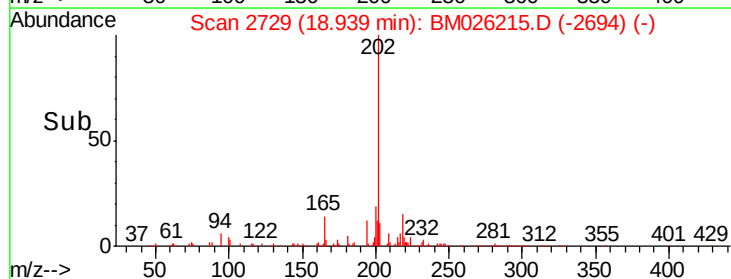
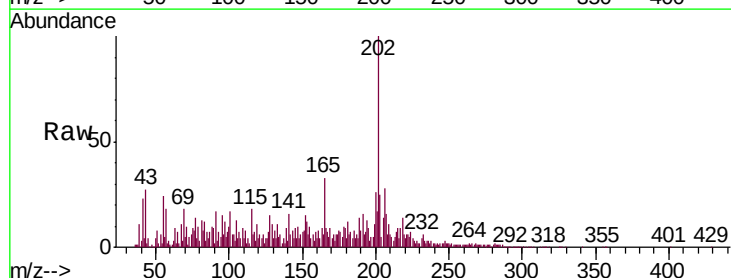
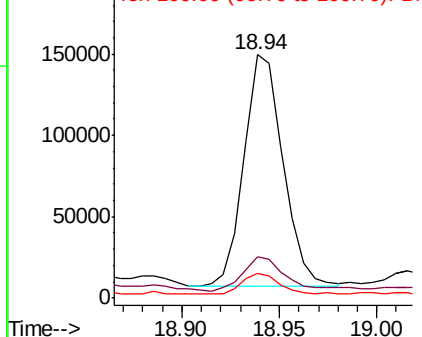
Delta R.T. 0.01 min

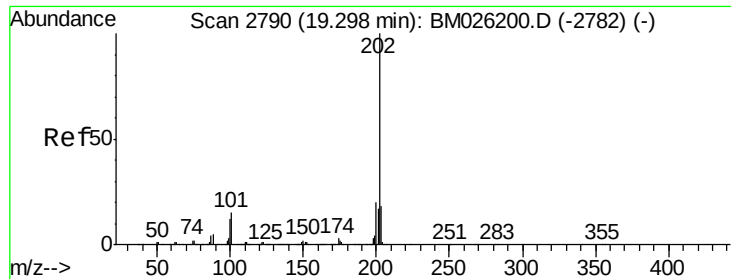
Lab File: BM026215.D

Acq: 02 Jun 2020 02:05

Tgt Ion:	202	Resp:	197233
Ion Ratio	Lower	Upper	
202	100		
101	16.8	9.5	14.3#
100	10.3	7.6	11.4

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#80
 Pyrene
 Concen: 6.601 ng/ul
 RT: 19.30 min Scan# 2791
 Delta R.T. 0.01 min
 Lab File: BM026215.D
 Acq: 02 Jun 2020 02:05

Instrument :
 BNA_M
 ClientSampleId :
 C5CE5

Tgt	Ion	202	Resp	451498
Ion	Ratio	Lower	Upper	
202	100			
101	15.0	12.2	18.4	
100	12.1	10.2	15.4	

Manual Integrations
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