

Data File : BM026204.D
Acq On : 01 Jun 2020 19:27
Operator : JU/CG
Sample : L2829-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C5CC6

Manual Integrations
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6/2/2020 3:21:42 PM

Quant Time: Jun 02 10:47:39 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	146394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	595182	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	359215	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	741365	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	756491	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	782930	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	22938	4.73	ng/uL	0.00
5) Phenol-d5	6.67	99	75039	5.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	260848	28.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	227004	21.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	148812	14.87	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	152118	31.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	157407	32.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	255988	26.56	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.55	166	1006860	34.95	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1182569	34.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	23792	4.66	ng/ul	0.00
58) Fluorene-d10	15.12	176	864852	34.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	172966m	40.01	ng/ul	0.00
71) Anthracene-d10	16.97	188	1321097	36.16	ng/ul	0.00
79) Pyrene-d10	19.27	212	1439996	37.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1469239	35.26	ng/ul	0.00

Target Compounds					Qvalue	
27) 2,4-Dichlorophenol	9.89	162	12217m	1.222	ng/ul	
28) Naphthalene	10.28	128	99482	2.734	ng/ul	96
39) 2,4,6-Trichlorophenol	12.54	196	28435	3.796	ng/ul	94
40) 2,4,5-Trichlorophenol	12.60	196	252600	30.560	ng/ul	98
41) 1,1'-Biphenyl	12.94	154	82363	2.584	ng/ul	97
45) Dimethylphthalate	13.59	163	74613	2.467	ng/ul	99
50) Acenaphthene	14.18	153	61110	2.313	ng/ul	99
54) Dibenzofuran	14.52	168	70792	1.906	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.76	232	276575	39.788	ng/ul#	97
59) Fluorene	15.17	166	125097	4.164	ng/ul#	98
69) Pentachlorophenol	16.57	266	9885713	1849.130	ng/ul	99
70) Phenanthrene	16.92	178	94182	2.017	ng/ul	98

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

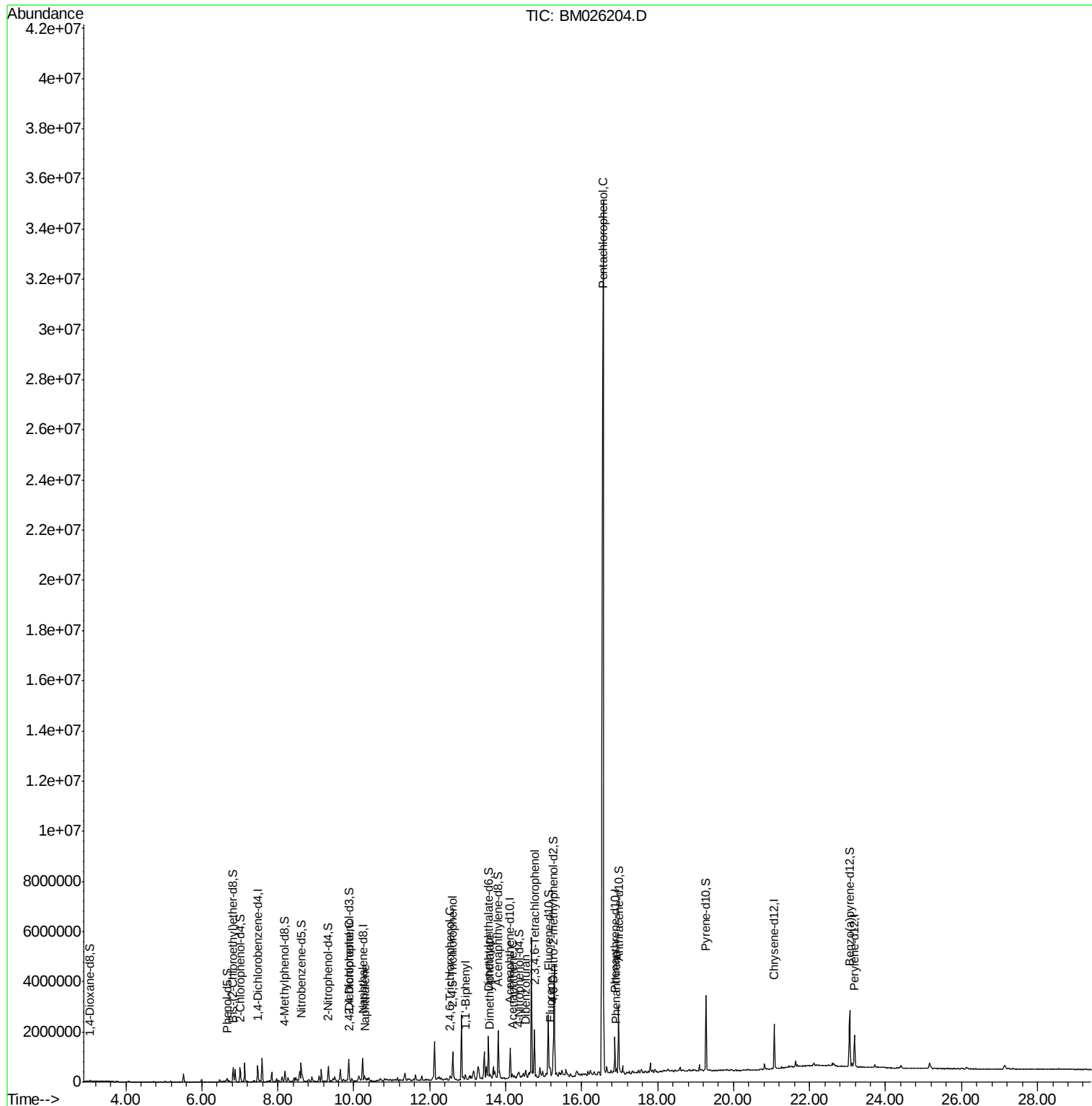
Data File : BM026204.D
Acq On : 01 Jun 2020 19:27
Operator : JU/CG
Sample : L2829-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

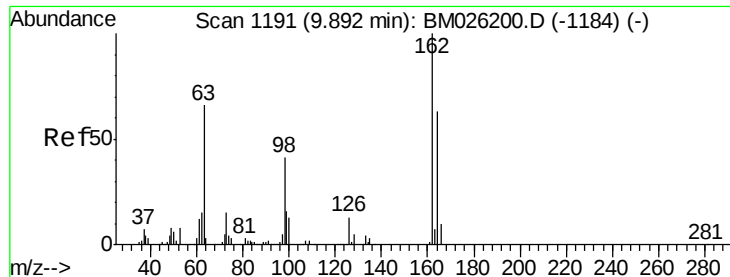
Instrument :
BNA_M
ClientSampleId :
C5CC6

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Quant Time: Jun 02 10:47:39 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
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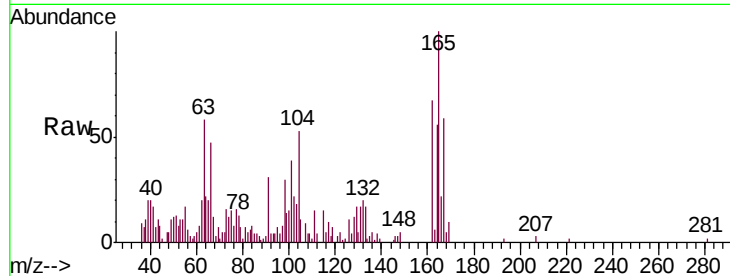
#27
 2,4-Dichlorophenol
 Concen: 1.222 ng/ul m
 RT: 9.89 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BM026204.D
 Acq: 01 Jun 2020 19:27

Instrument :
 BNA_M
 ClientSampled :
 C5CC6

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	12217		
164	84.0	51.0	76.4#	
98	44.9	32.1	48.1	

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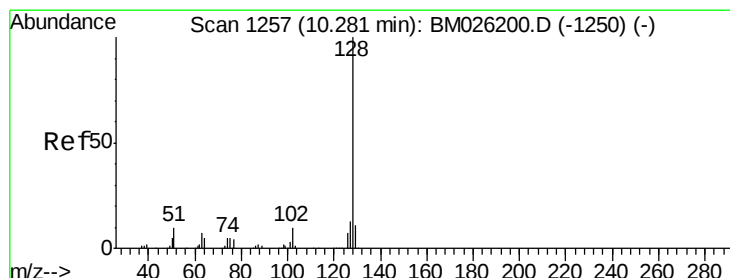
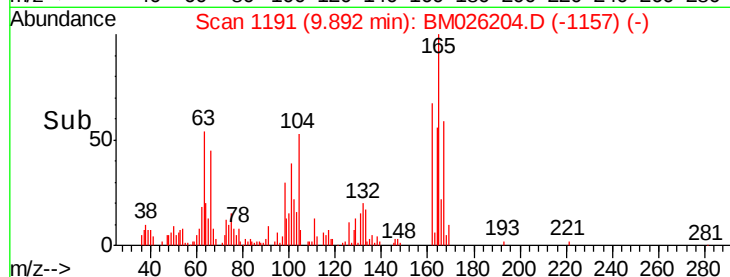
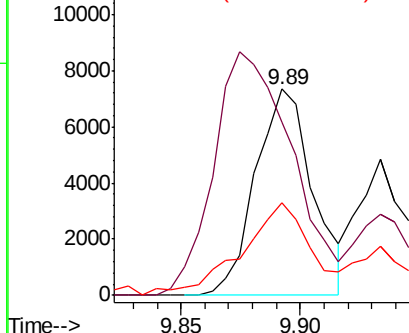


Abundance

Ion 162.00 (161.70 to 162.70): E

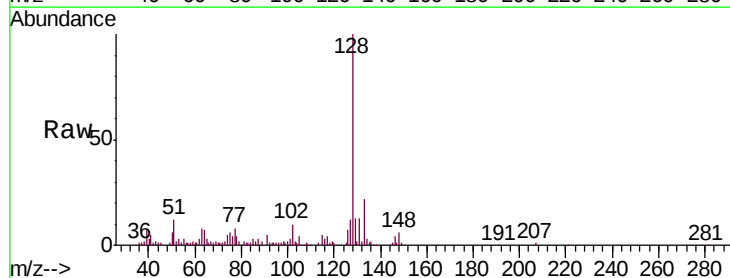
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28
 Naphthalene
 Concen: 2.734 ng/ul
 RT: 10.28 min Scan# 1257
 Delta R.T. 0.00 min
 Lab File: BM026204.D
 Acq: 01 Jun 2020 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	99482		
129	13.0	9.0	13.4	
127	12.0	10.6	15.8	

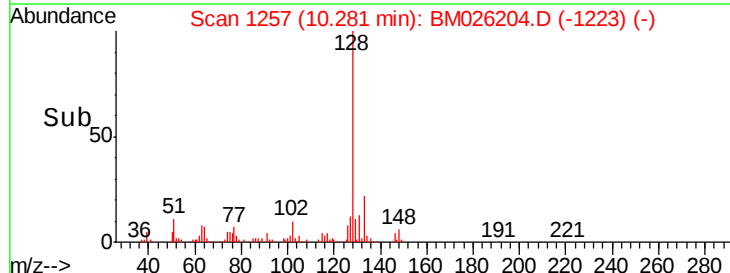
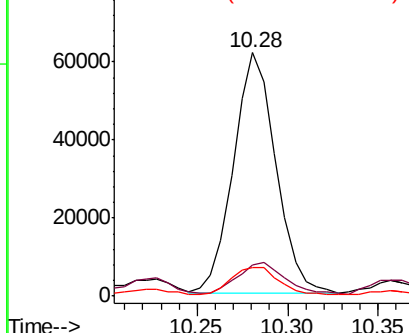


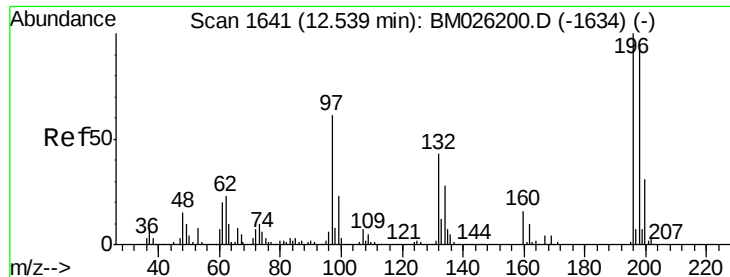
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





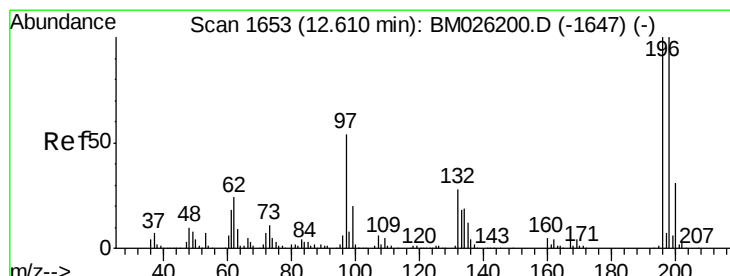
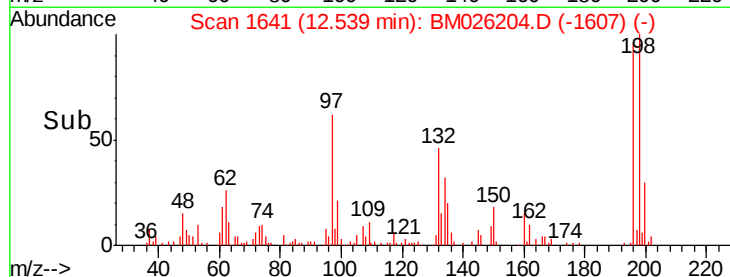
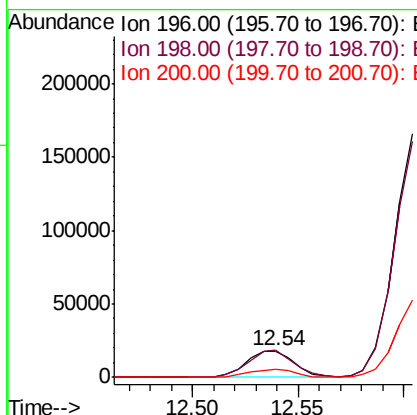
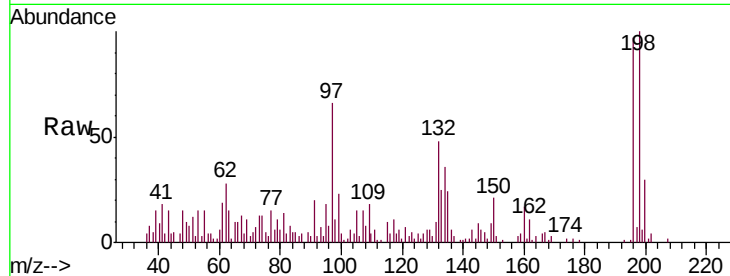
#39
 2,4,6-Trichlorophenol
 Concen: 3.796 ng/ul
 RT: 12.54 min Scan# 1641
 Delta R.T. 0.00 min
 Lab File: BM026204.D
 Acq: 01 Jun 2020 19:27

Instrument :
 BNA_M
 ClientSampled :
 C5CC6

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	28435		
198	102.6	76.0	114.0	
200	31.0	24.5	36.7	

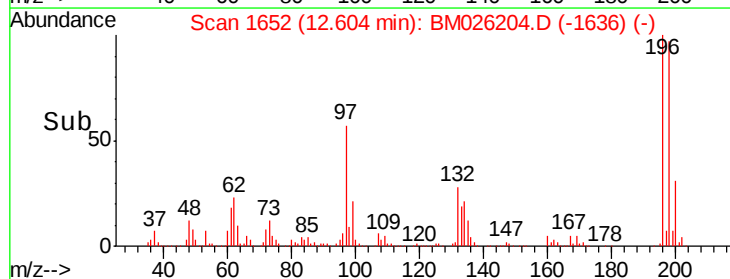
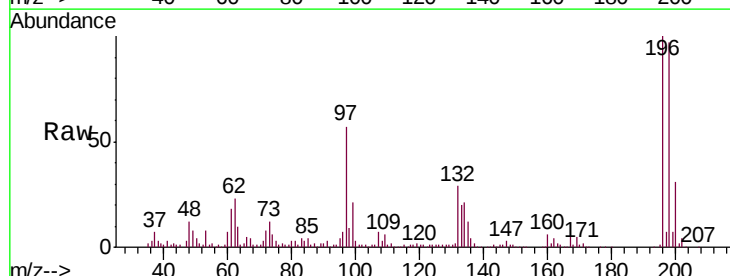
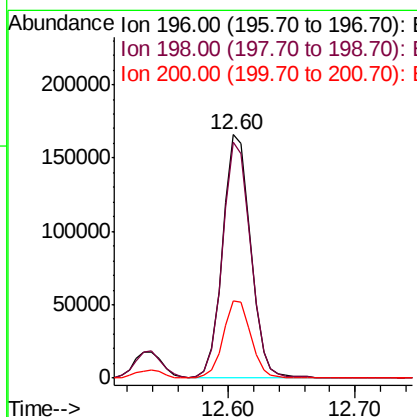
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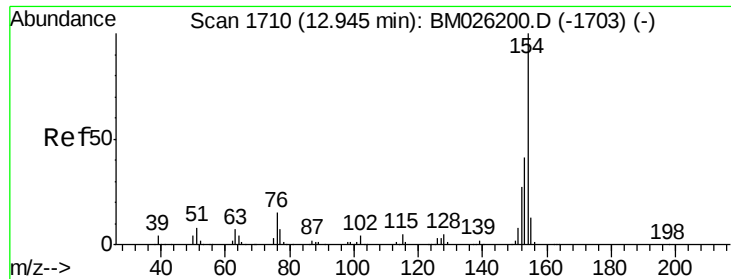
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#40
 2,4,5-Trichlorophenol
 Concen: 30.560 ng/ul
 RT: 12.60 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM026204.D
 Acq: 01 Jun 2020 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	252600		
198	96.9	79.0	118.6	
200	31.5	25.0	37.4	





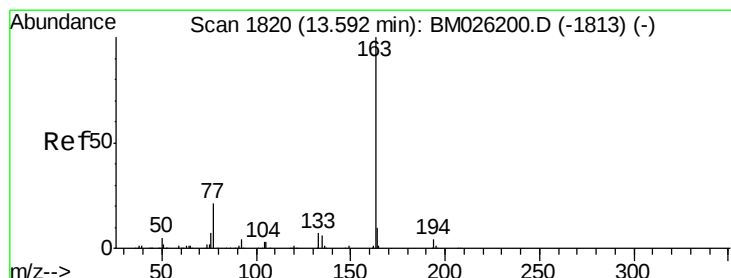
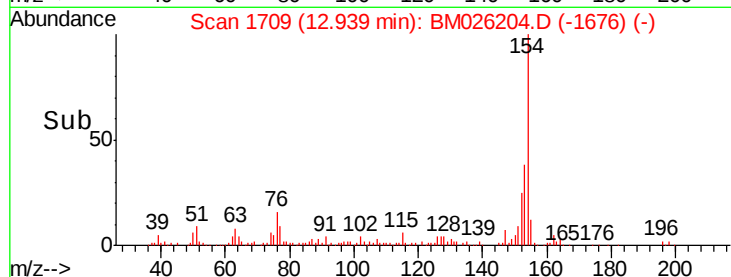
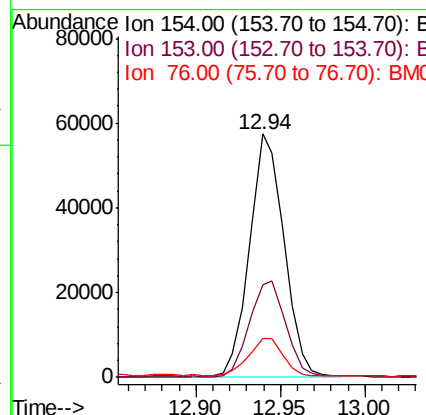
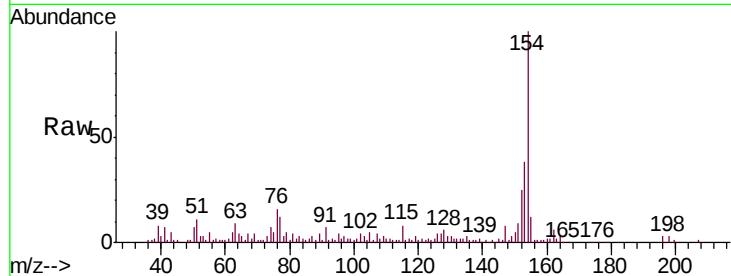
#41
1,1'-Biphenyl
Concen: 2.584 ng/ul
RT: 12.94 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BM026204.D
Acq: 01 Jun 2020 19:27

Instrument :
BNA_M
ClientSampleId :
C5CC6

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.2	32.3	48.5
76	15.8	13.0	19.6

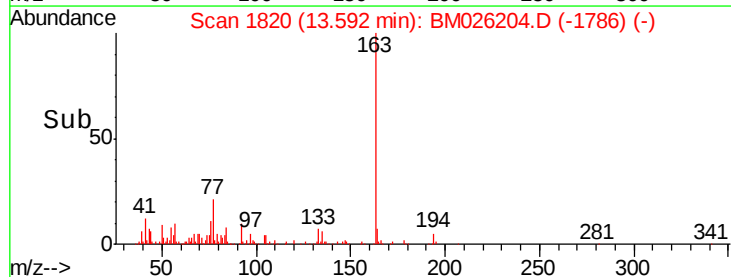
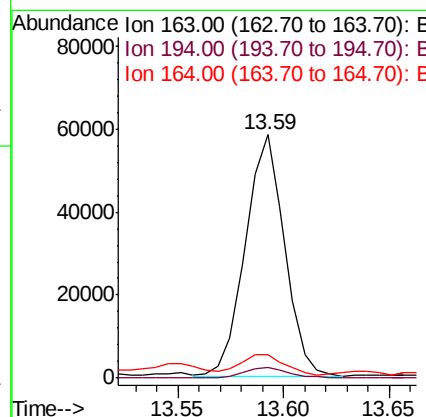
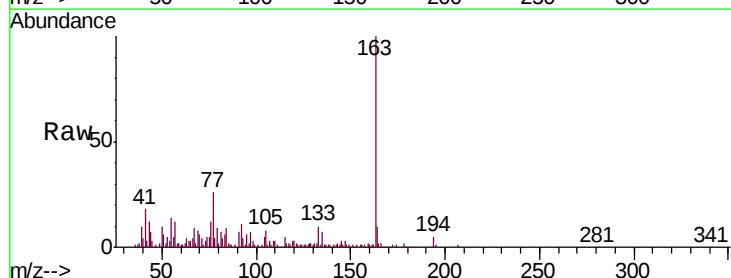
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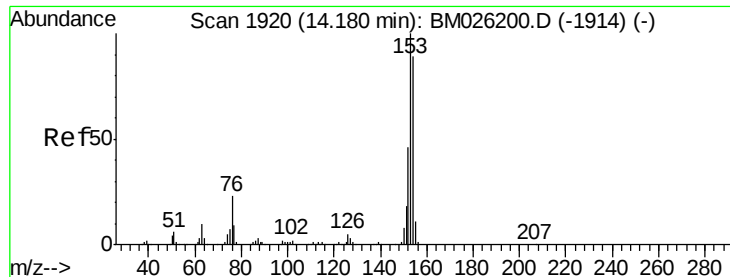
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#45
Dimethylphthalate
Concen: 2.467 ng/ul
RT: 13.59 min Scan# 1820
Delta R.T. 0.00 min
Lab File: BM026204.D
Acq: 01 Jun 2020 19:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	9.7	8.0	12.0





#50

Acenaphthene

Concen: 2.313 ng/ul

RT: 14.18 min Scan# 1920

Delta R.T. 0.00 min

Lab File: BM026204.D

Acq: 01 Jun 2020 19:27

Instrument :

BNA_M

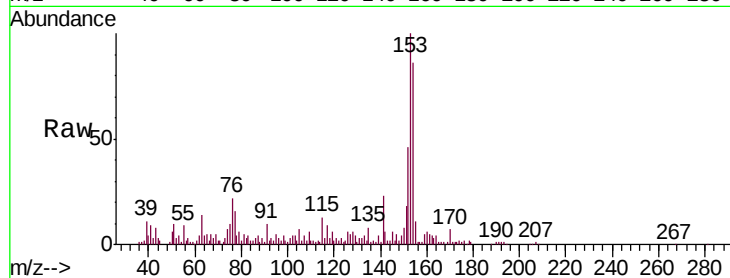
ClientSampled :

C5CC6

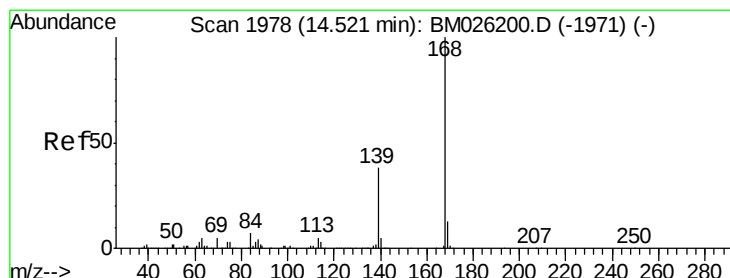
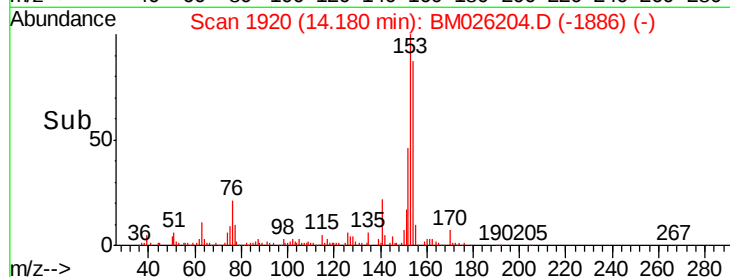
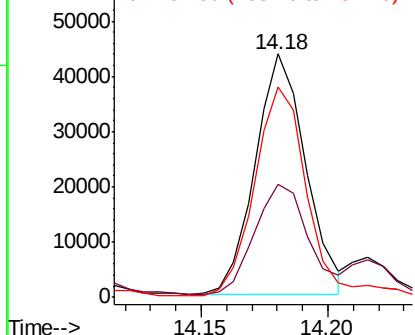
Tgt Ion:	153	Resp:	61110
Ion Ratio	Lower	Upper	
153	100		
152	46.4	37.2	55.8
154	86.4	69.8	104.8

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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 1.906 ng/ul

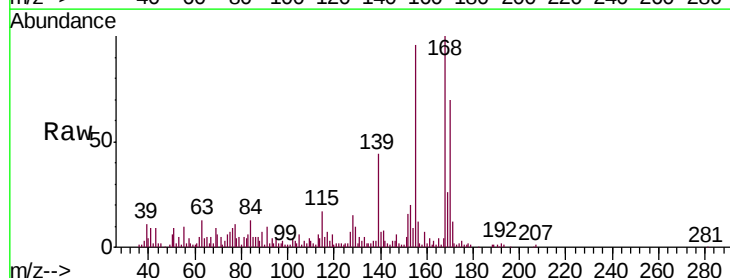
RT: 14.52 min Scan# 1978

Delta R.T. 0.00 min

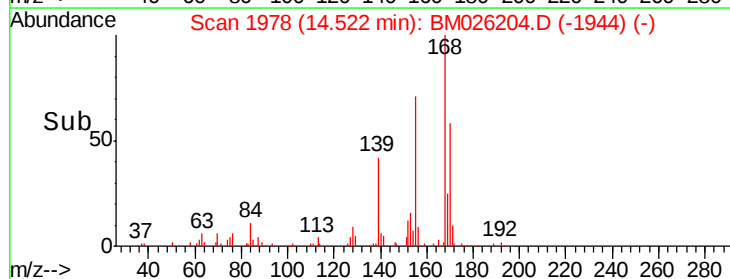
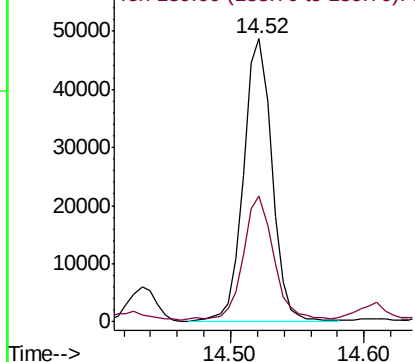
Lab File: BM026204.D

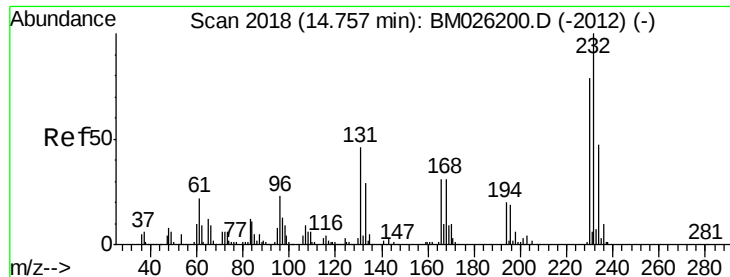
Acq: 01 Jun 2020 19:27

Tgt Ion:	168	Resp:	70792
Ion Ratio	Lower	Upper	
168	100		
139	44.4	30.7	46.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 39.788 ng/ul

RT: 14.76 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BM026204.D

Acq: 01 Jun 2020 19:27

Instrument :

BNA_M

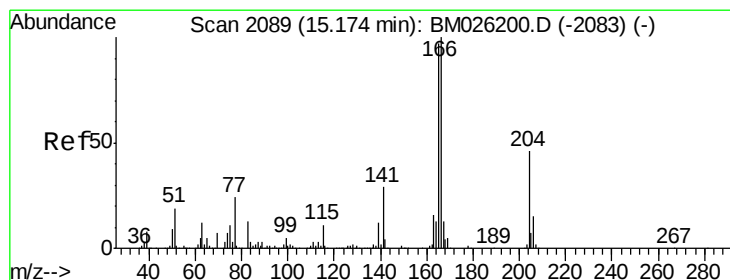
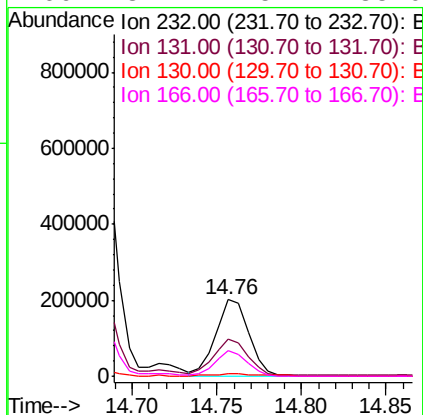
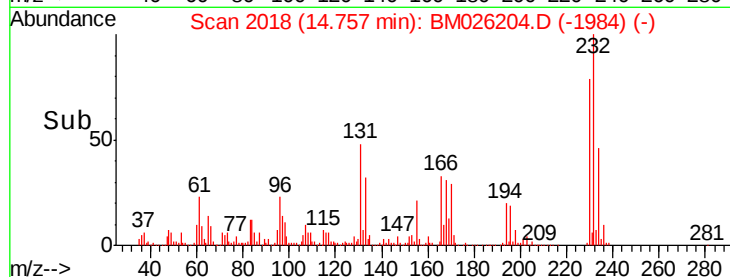
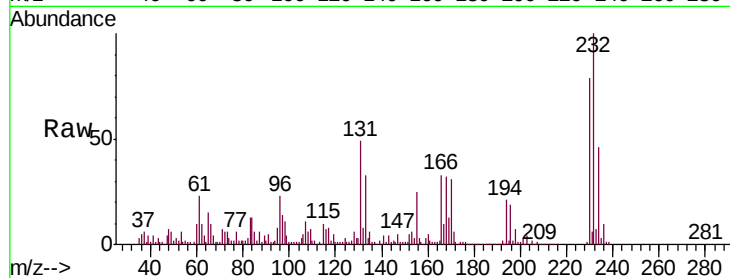
ClientSampled :

C5CC6

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	276575		
131	49.1	37.0	55.4	
130	3.1	1.8	2.8	
166	32.7	25.4	38.0	

Manual Integrations
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#59

Fluorene

Concen: 4.164 ng/ul

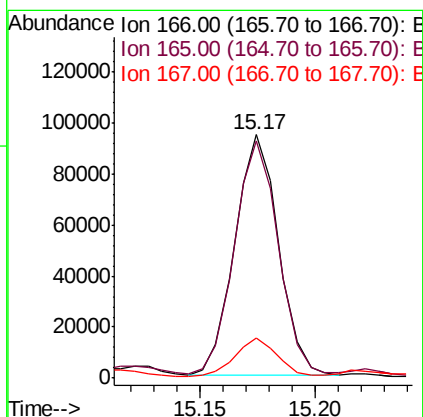
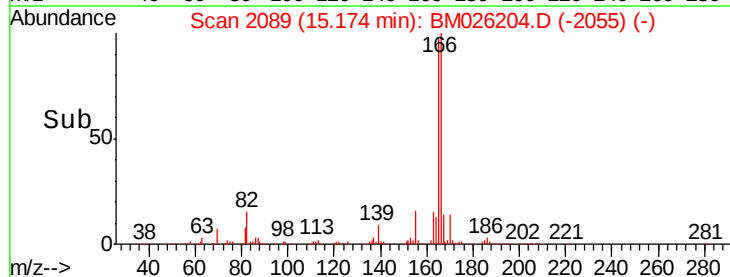
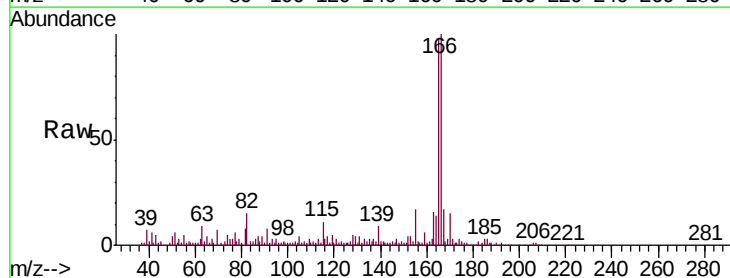
RT: 15.17 min Scan# 2089

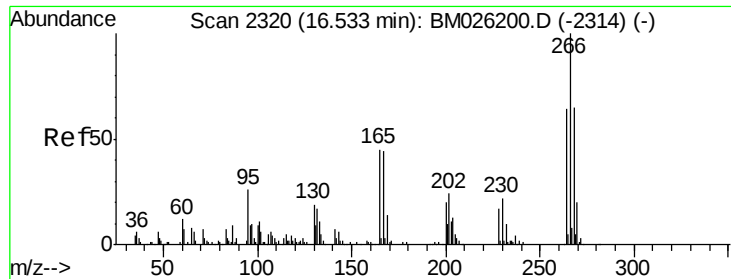
Delta R.T. 0.00 min

Lab File: BM026204.D

Acq: 01 Jun 2020 19:27

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	125097		
165	97.6	77.3	115.9	
167	16.6	10.6	16.0	





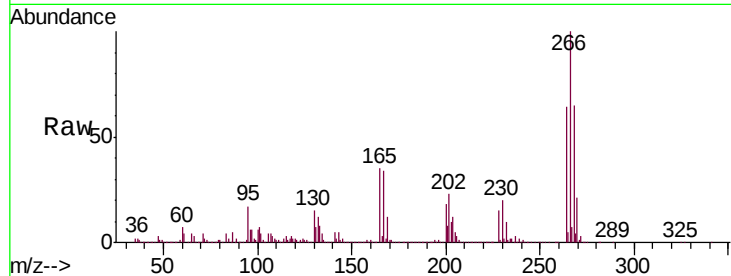
#69
 Pentachlorophenol
 Concen: 1849.130 ng/ul
 RT: 16.57 min Scan# 2326
 Delta R.T. 0.04 min
 Lab File: BM026204.D
 Acq: 01 Jun 2020 19:27

Instrument :
 BNA_M
 ClientSampleId :
 C5CC6

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.6	49.3	73.9
268	65.2	52.4	78.6

Manual Integrations
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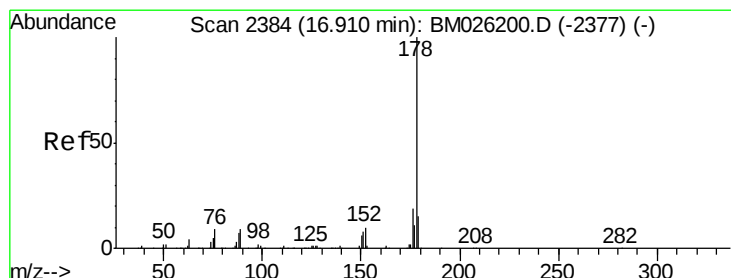
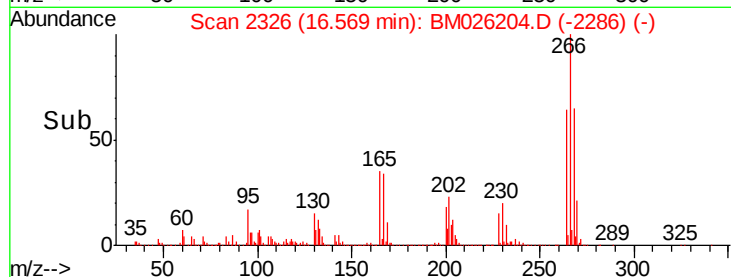
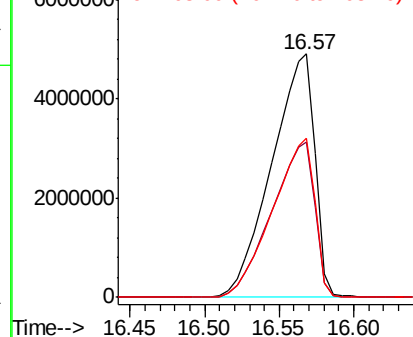


Abundance

Ion 265.70 (265.40 to 266.40): E

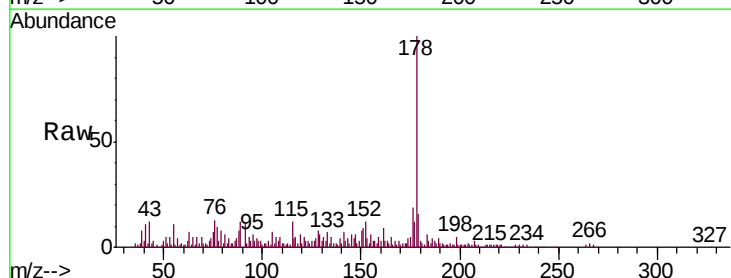
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 2.017 ng/ul
 RT: 16.92 min Scan# 2385
 Delta R.T. 0.01 min
 Lab File: BM026204.D
 Acq: 01 Jun 2020 19:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.9	17.9
176	19.4	14.9	22.3



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

