

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
 Data File : BM025604.D
 Acq On : 17 Mar 2020 06:40
 Operator : CG/JU
 Sample : L1840-17 10X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBET2

Manual Integrations
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Quant Time: Mar 17 11:45:38 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 17 07:33:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	190529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	795142	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	507831	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	1063003	20.00	ng/ul	0.01
78) Chrysene-d12	21.20	240	1080847	20.00	ng/ul	0.00
86) Perylene-d12	23.38	264	1275012	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	477m	0.11	ng/uL	0.01
5) Phenol-d5	6.86	99	10717	0.71	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.98	67	27538	3.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	32992	2.70	ng/ul	0.02
13) 4-Methylphenol-d8	8.35	113	22368	1.81	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	20362	3.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	22323	3.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	41885	3.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	11441	0.77	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	139591	3.62	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	163614	3.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	9954	1.35	ng/ul	0.02
58) Fluorene-d10	15.26	176	116606	3.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	23648m	3.65	ng/ul	0.00
71) Anthracene-d10	17.12	188	180299	3.63	ng/ul	0.01
79) Pyrene-d10	19.40	212	193886	3.73	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.24	264	213481	3.27	ng/ul	0.00

Target Compounds

					Ovalue	
14) Acetophenone	8.45	105	39081	2.051	ng/ul#	44
21) Isophorone	9.35	82	624737	23.496	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	14818	1.162	ng/ul	91
28) Naphthalene	10.45	128	125551	2.899	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	80424	2.600	ng/ul	97
39) 2,4,6-Trichlorophenol	12.69	196	25326	2.480	ng/ul	95
40) 2,4,5-Trichlorophenol	12.76	196	21579	1.941	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.91	232	3666069	363.906	ng/ul	98
69) Pentachlorophenol	16.72	266	30180174m	3210.411	ng/ul	

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

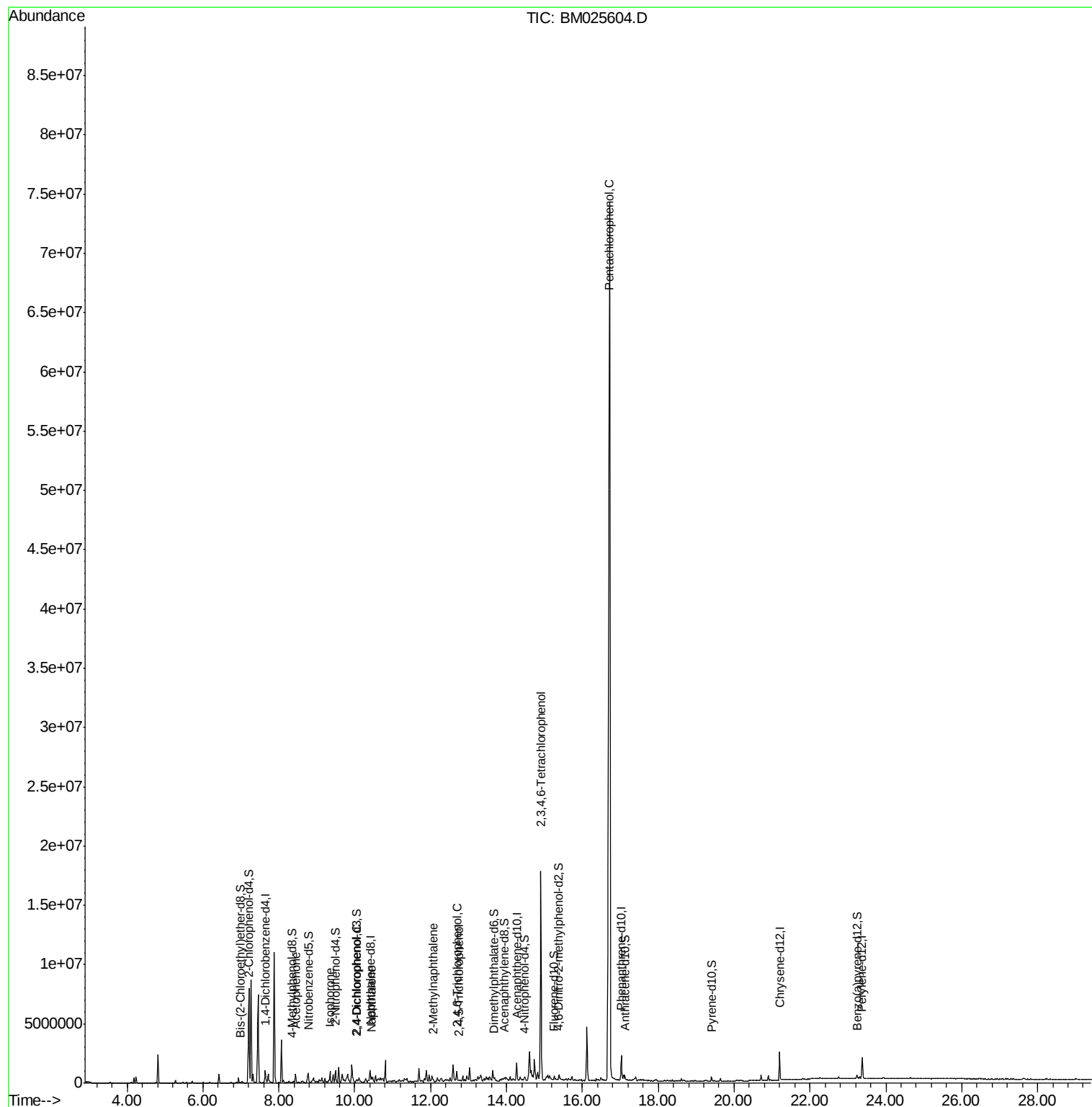
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031620\
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ALS Vial : 30 Sample Multiplier: 1

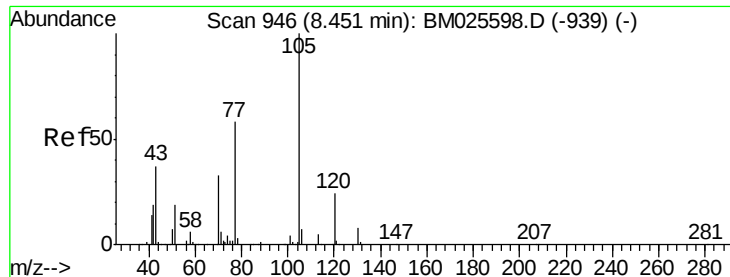
Instrument :
BNA_M
ClientSampleId :
DBET2

Quant Time: Mar 17 11:45:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
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#14

Acetophenone

Concen: 2.051 ng/ul

RT: 8.45 min Scan# 945

Delta R.T. -0.01 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

Instrument :

BNA_M

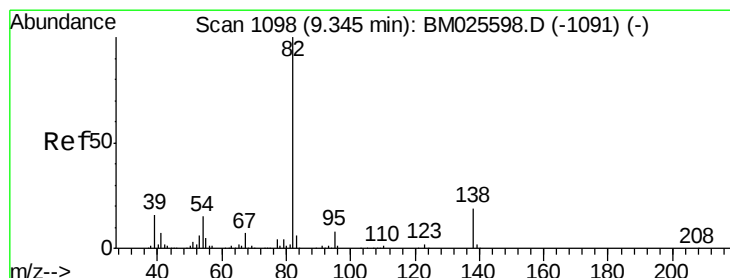
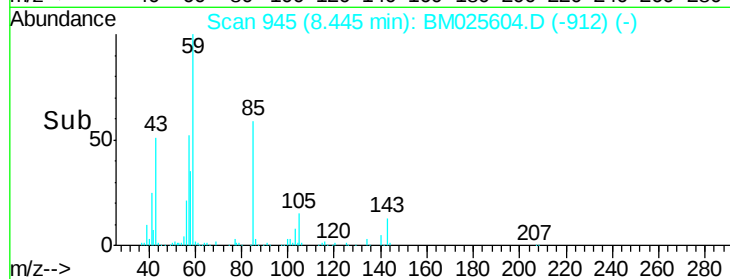
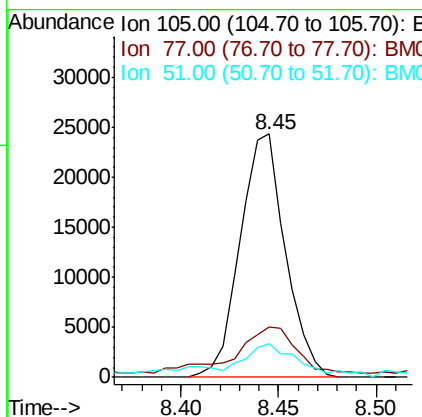
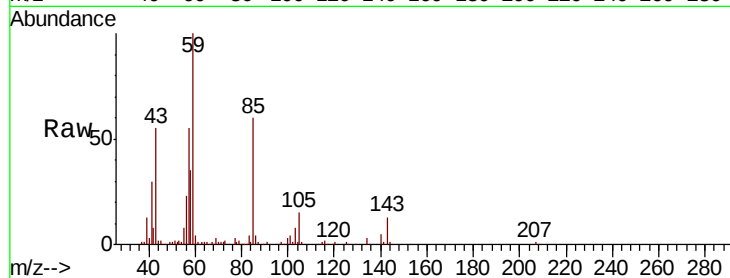
ClientSampleId :

DBET2

Tot Ion:	105	Resp:	39081
Ion Ratio	Lower	Upper	
105	100		
77	20.5	63.2	94.8#
51	13.8	21.8	32.6#

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#21

Isophorone

Concen: 23.496 ng/ul

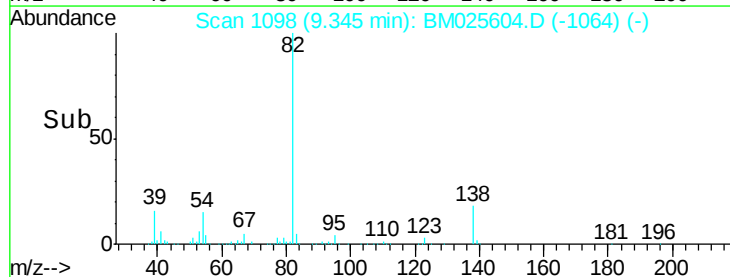
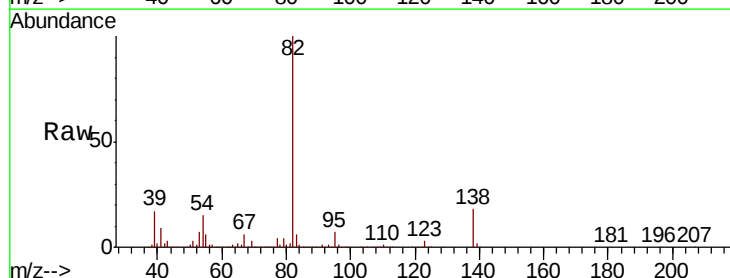
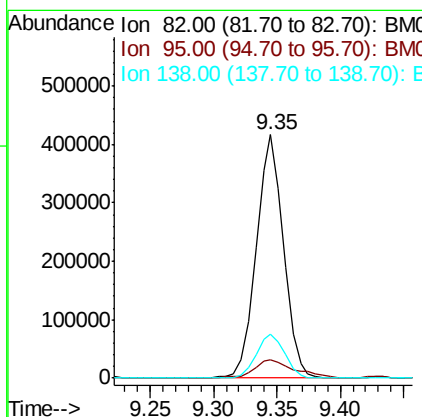
RT: 9.35 min Scan# 1098

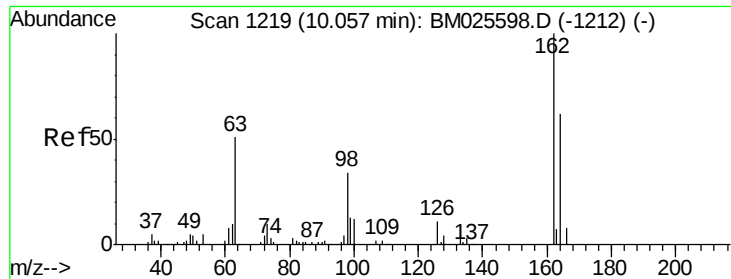
Delta R.T. -0.00 min

Lab File: BM025604.D

Acq: 17 Mar 2020 06:40

Tgt Ion:	82	Resp:	624737
Ion Ratio	Lower	Upper	
82	100		
95	7.4	6.4	9.6
138	18.2	15.2	22.8





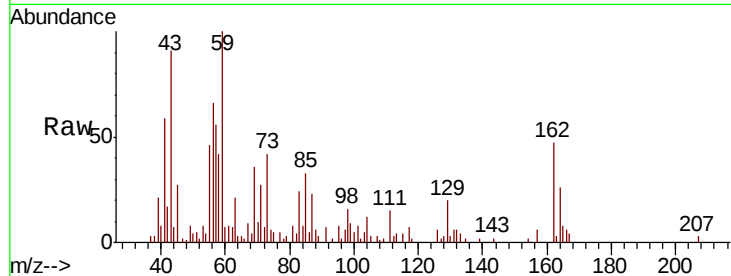
#27
2,4-Dichlorophenol
Concen: 1.162 ng/ul
RT: 10.06 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BM025604.D
Acq: 17 Mar 2020 06:40

Instrument :
BNA_M
ClientSampled :
DBET2

Tot Ion	Ratio	Lower	Upper
162	100		
164	55.9	52.6	79.0
98	35.3	27.8	41.6

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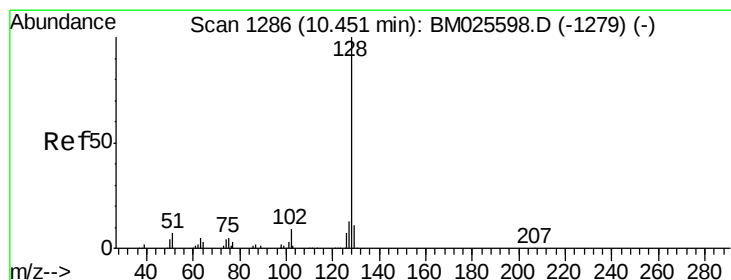
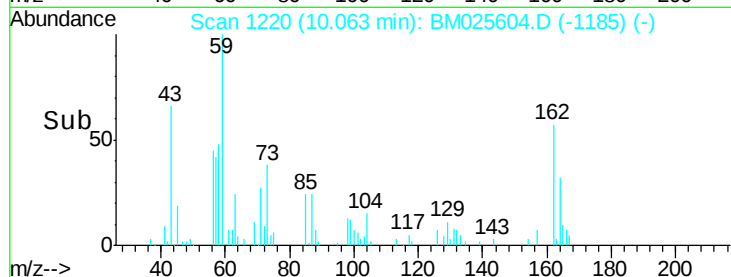
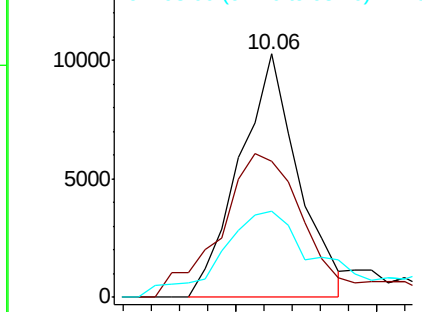


Abundance

Ion 162.00 (161.70 to 162.70): E

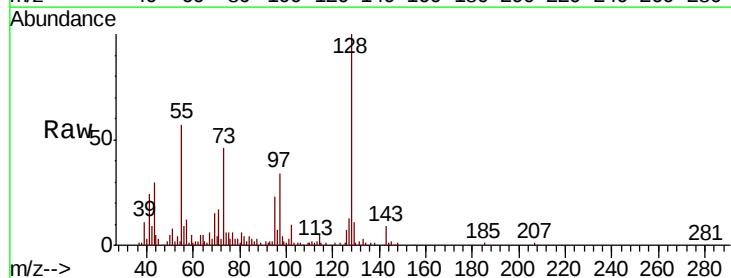
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#28
Naphthalene
Concen: 2.899 ng/ul
RT: 10.45 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BM025604.D
Acq: 17 Mar 2020 06:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.5	10.6	15.8

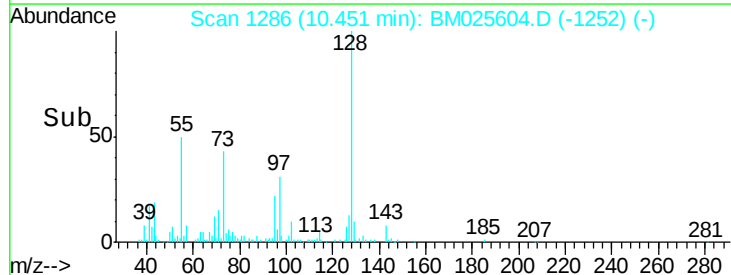
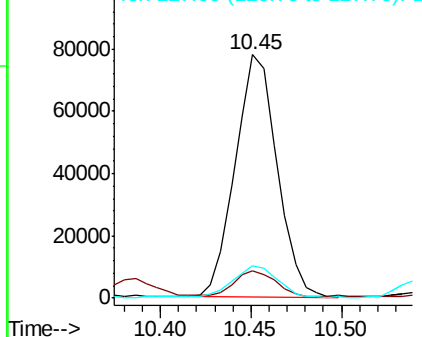


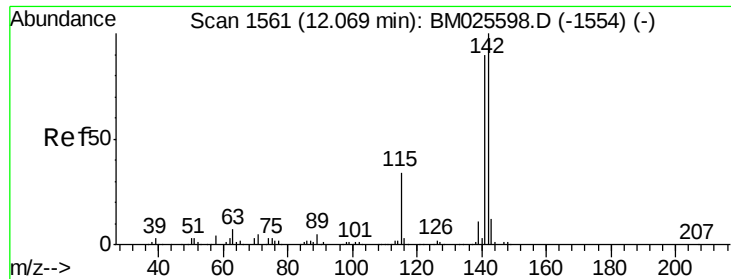
Abundance

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





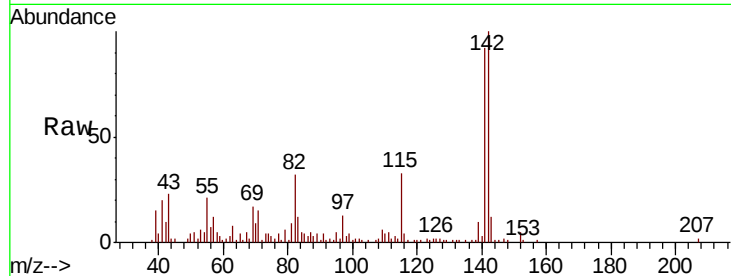
#34
2-Methylnaphthalene
Concen: 2.600 ng/ul
RT: 12.07 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BM025604.D
Acq: 17 Mar 2020 06:40

Instrument :
BNA_M
ClientSampleId :
DBET2

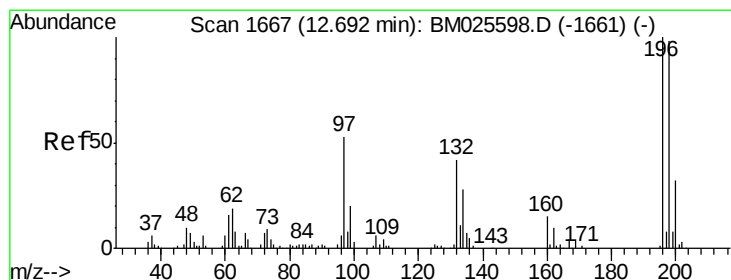
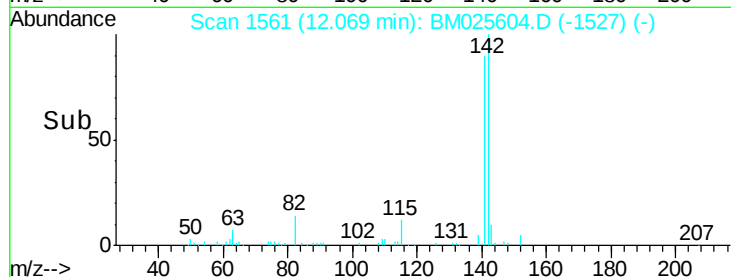
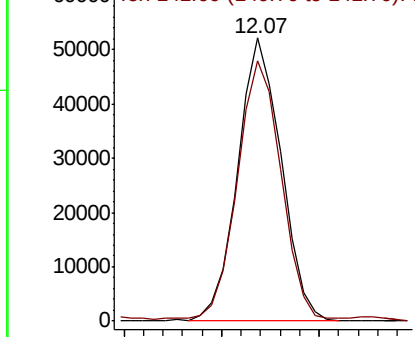
Tot Ion:142 Resp: 80424
Ion Ratio Lower Upper
142 100
141 91.9 71.5 107.3

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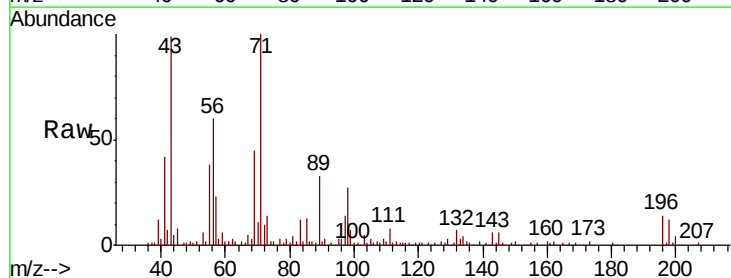


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

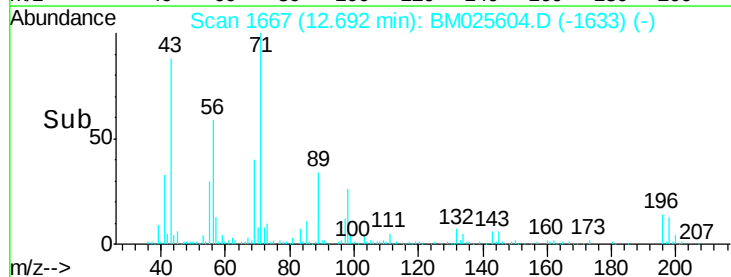
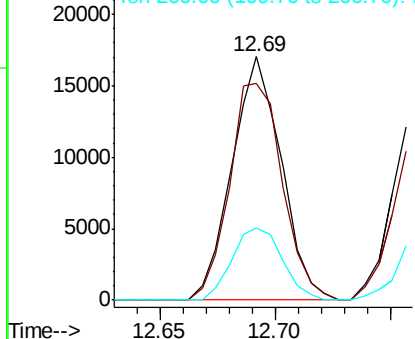


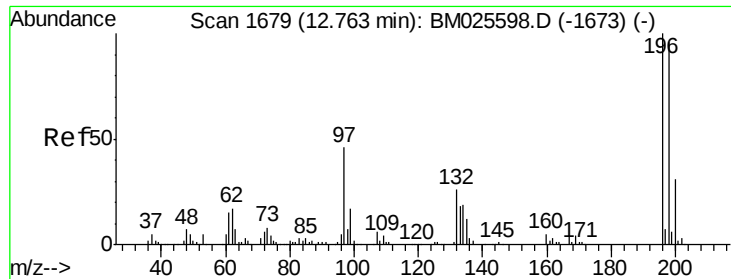
#39
2,4,6-Trichlorophenol
Concen: 2.480 ng/ul
RT: 12.69 min Scan# 1667
Delta R.T. 0.00 min
Lab File: BM025604.D
Acq: 17 Mar 2020 06:40

Tgt Ion:196 Resp: 25326
Ion Ratio Lower Upper
196 100
198 89.3 76.6 115.0
200 29.7 24.2 36.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





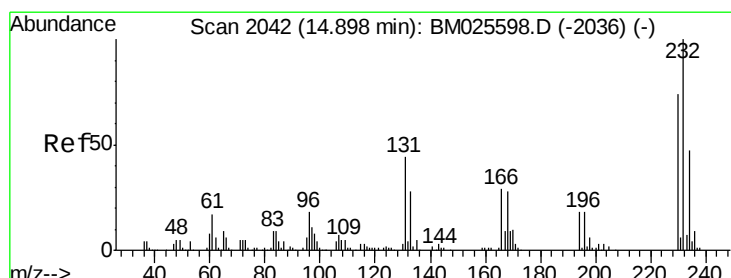
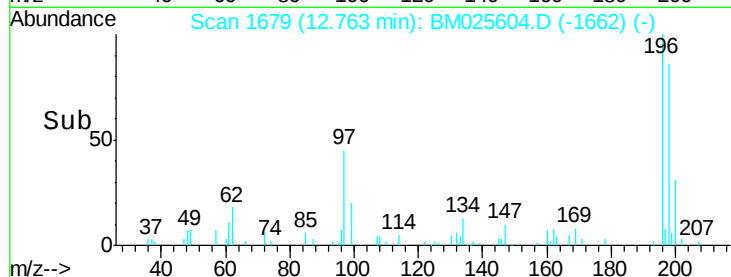
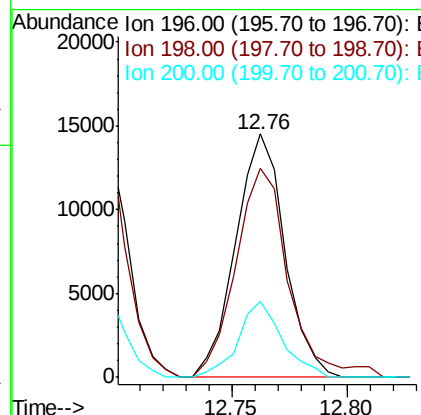
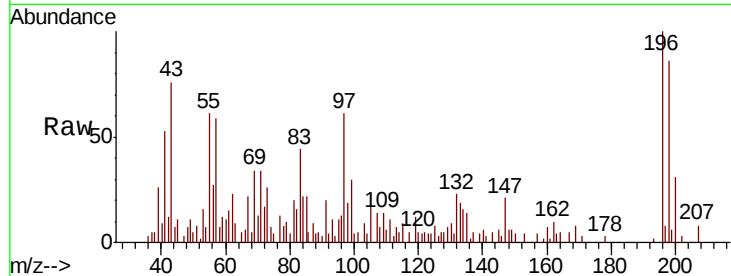
#40
 2,4,5-Trichlorophenol
 Concen: 1.941 ng/uL
 RT: 12.76 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: BM025604.D
 Acq: 17 Mar 2020 06:40

Instrument :
 BNA_M
 ClientSampleId :
 DBET2

Tot Ion	Ratio	Lower	Upper
196	100		
198	85.9	75.7	113.5
200	31.0	24.0	36.0

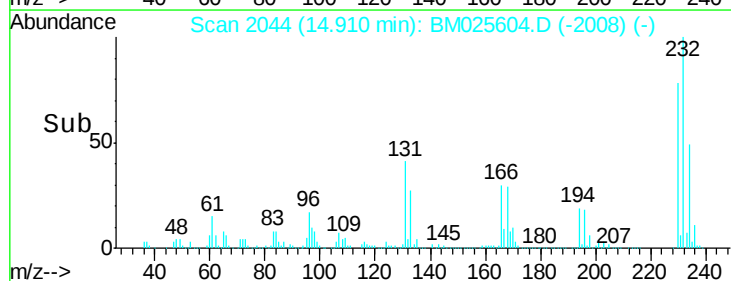
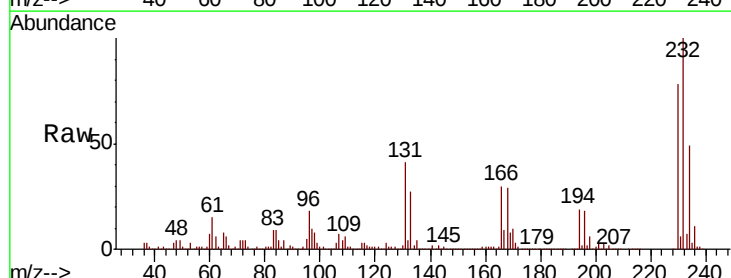
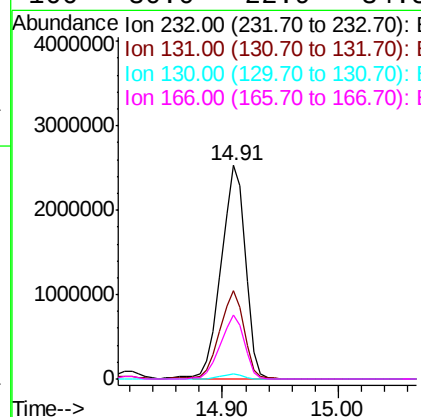
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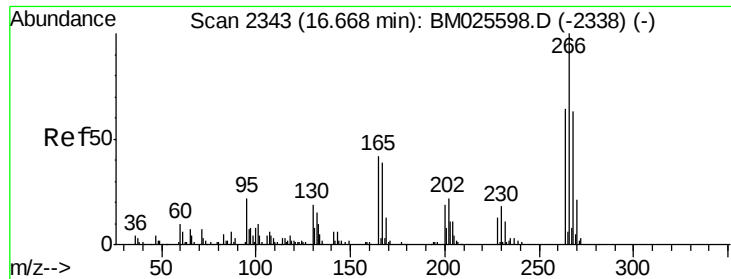
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#56
 2,3,4,6-Tetrachlorophenol
 Concen: 363.906 ng/uL
 RT: 14.91 min Scan# 2044
 Delta R.T. 0.01 min
 Lab File: BM025604.D
 Acq: 17 Mar 2020 06:40

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.1	33.8	50.6
130	2.2	1.9	2.9
166	30.0	22.9	34.3





#69
 Pentachlorophenol
 Concen: 3210.411 ng/ul m
 RT: 16.72 min Scan# 2351
 Delta R.T. 0.05 min
 Lab File: BM025604.D
 Acq: 17 Mar 2020 06:40

Instrument :
 BNA_M
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 DBET2

Tot Ion:266 Resp:30180174
 Ion Ratio Lower Upper
 266 100
 264 72.0 50.1 75.1
 268 71.5 50.9 76.3

Manual Integrations
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