

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
 Data File : BN000563.D
 Acq On : 23 Mar 2018 04:28
 Operator : JU/SJ
 Sample : J1905-03DL2 200X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 23 08:37:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 06:10:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	174608	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	741265	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	416684	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	901417	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	879549	20.00	ng/ul	-0.01
83) Perylene-d12	24.36	264	763590	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.41	99	5231	0.32	ng/ul	-0.15
7) Bis-(2-Chloroethyl)ether-d	7.70	67	336	0.04	ng/ul	-0.02
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	9.05	113	5252	0.41	ng/ul	-0.08
19) Nitrobenzene-d5	9.63	128	798	0.13	ng/ul	0.03
22) 2-Nitrophenol-d4	10.35	143	1499	0.24	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.35	131	7588	0.66	ng/ul	-0.04
43) Dimethylphthalate-d6	14.42	166	339	0.01	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	525	0.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	2036	0.33	ng/ul	0.00
57) Fluorene-d10	16.01	176	3478	0.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	817	0.16	ng/ul	0.01
70) Anthracene-d10	17.85	188	3009	0.07	ng/ul	0.00
76) Pyrene-d10	20.11	212	946	0.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.36	264	709107	19.68	ng/ul	0.15

Target Compounds

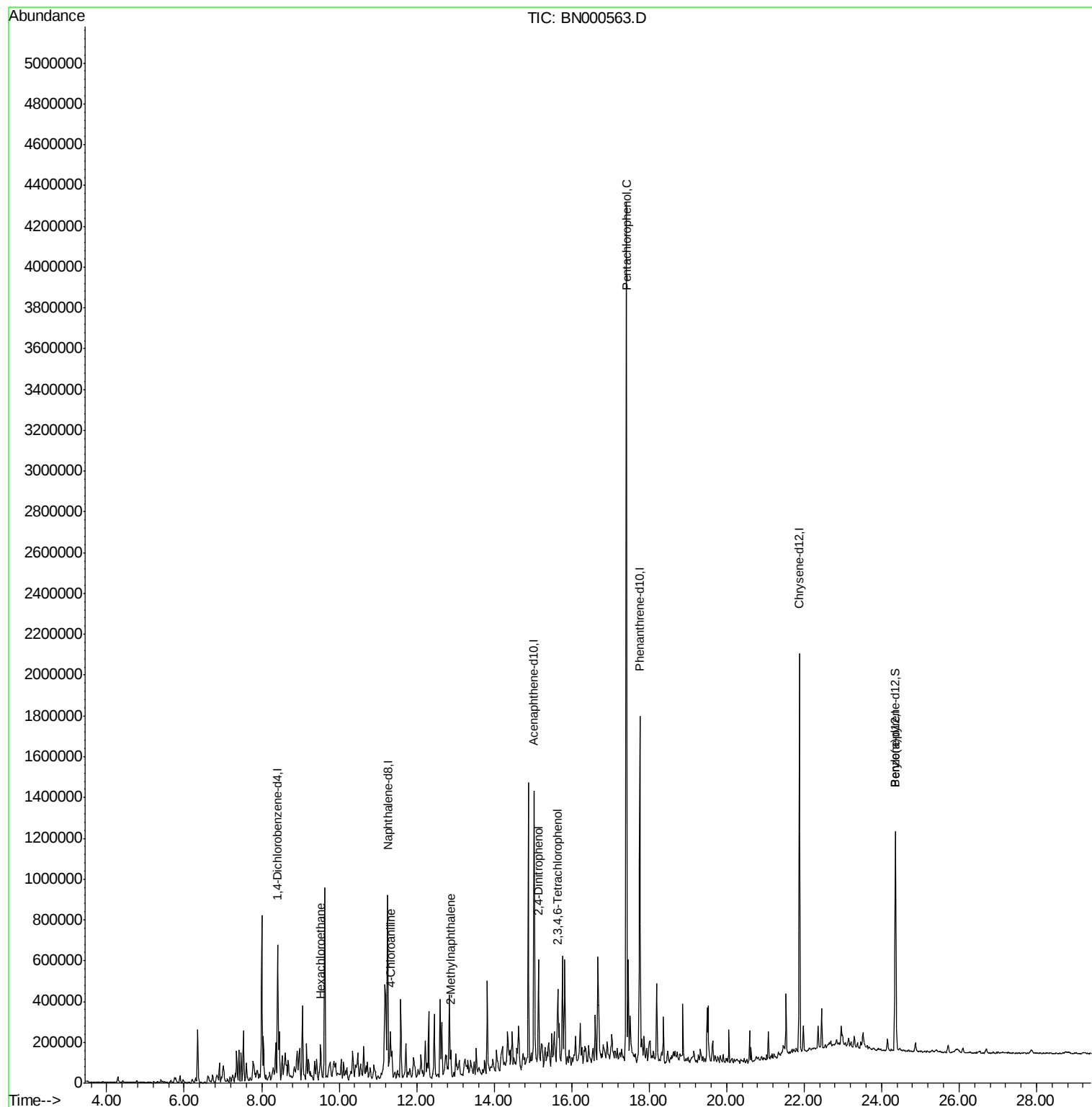
				Ovalue	
17) Hexachloroethane	9.53	117	8265	1.575	ng/ul# 1
30) 4-Chloroaniline	11.32	127	21880	1.878	ng/ul# 53
34) 2-Methylnaphthalene	12.88	142	59352	2.284	ng/ul 99
50) 2,4-Dinitrophenol	15.14	184	3653	1.180	ng/ul# 1
55) 2,3,4,6-Tetrachlorophenol	15.65	232	63401	9.377	ng/ul# 91
68) Pentachlorophenol	17.41	266	685676	133.874	ng/ul 98

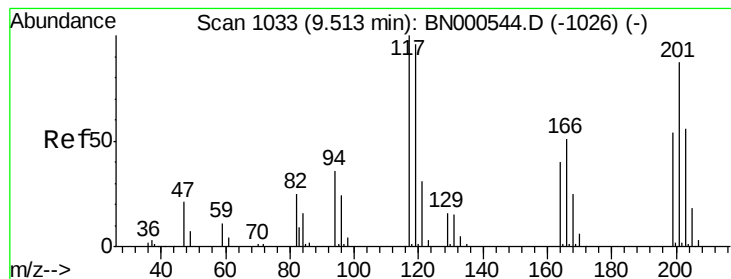
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 1.575 ng/ul

RT: 9.53 min Scan# 1035

Delta R.T. 0.01 min

Lab File: BN000563.D

Acq: 23 Mar 2018 04:28

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BNA_N

ClientSampleId :

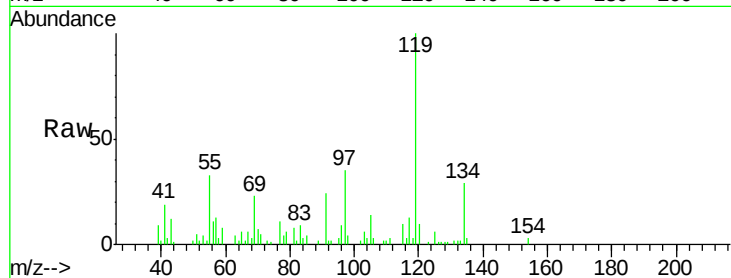
Tot Ion:117 Resp: 8265

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

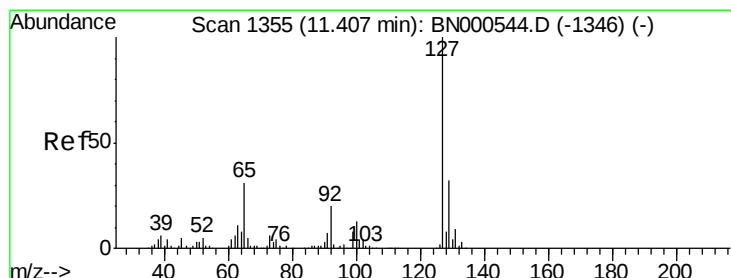
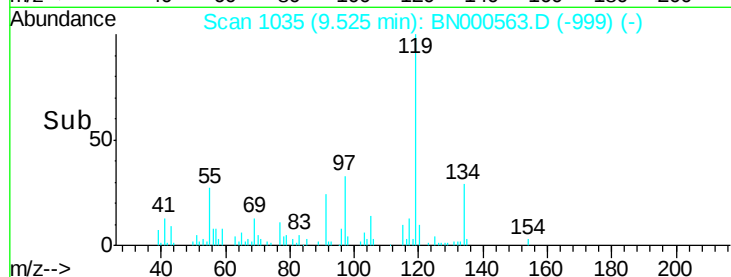
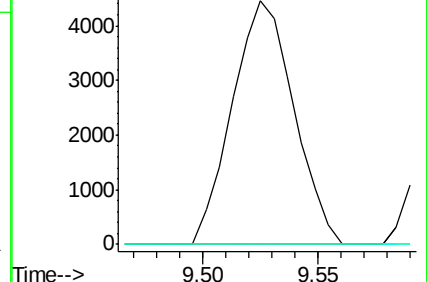
199 0.0 59.7 89.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#30

4-Chloroaniline

Concen: 1.878 ng/ul

RT: 11.32 min Scan# 1341

Delta R.T. -0.08 min

Lab File: BN000563.D

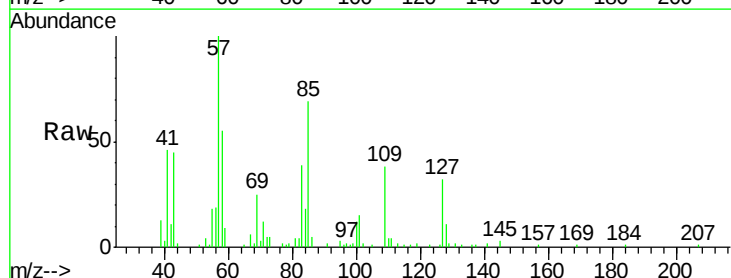
Acq: 23 Mar 2018 04:28

Tgt Ion:127 Resp: 21880

Ion Ratio Lower Upper

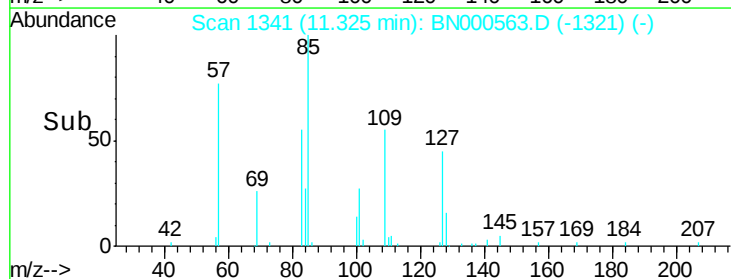
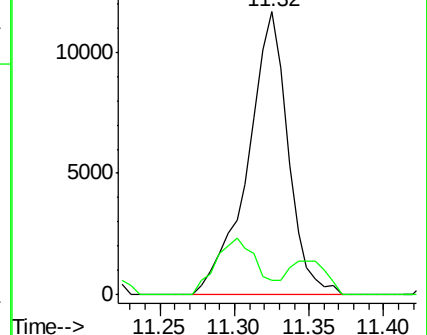
127 100

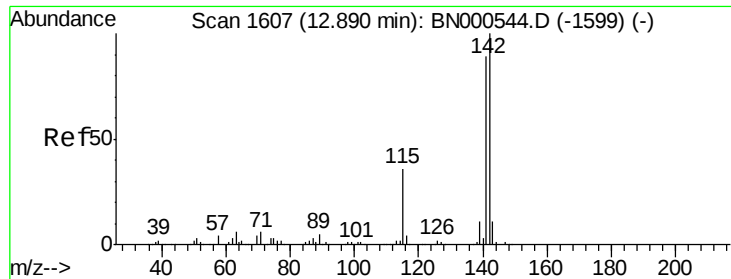
129 5.3 24.6 37.0#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

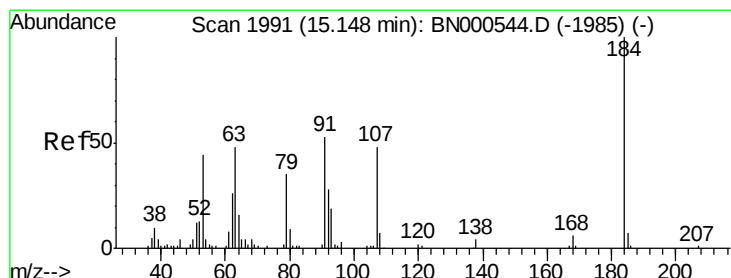
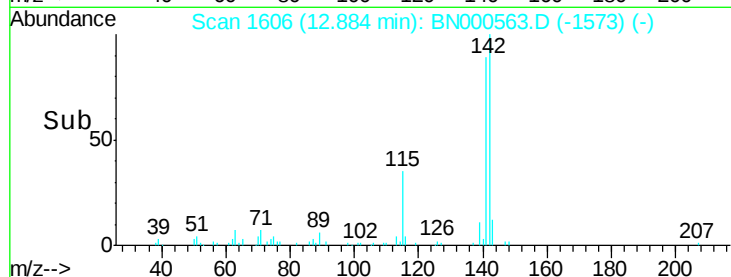
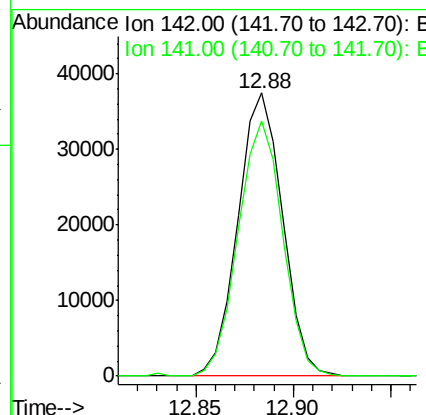
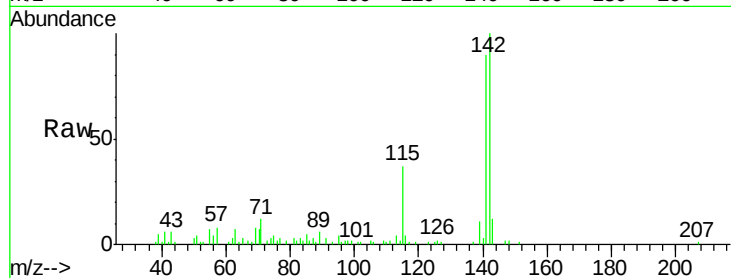




#34
 2-Methylnaphthalene
 Concen: 2.284 ng/ul
 RT: 12.88 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BN000563.D
 Acq: 23 Mar 2018 04:28

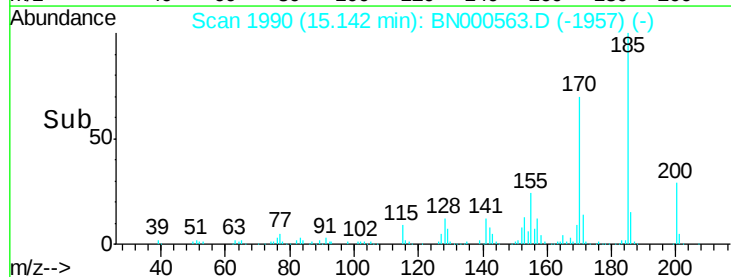
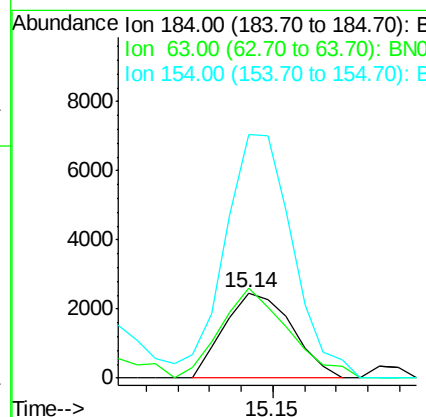
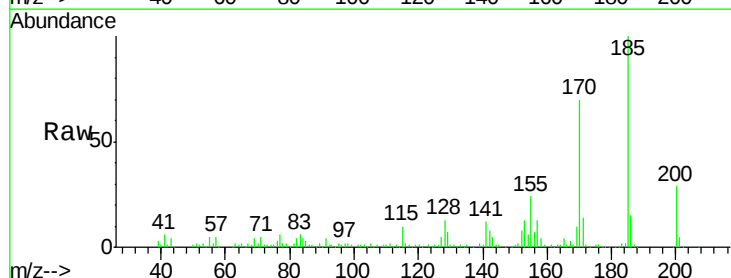
Instrument :
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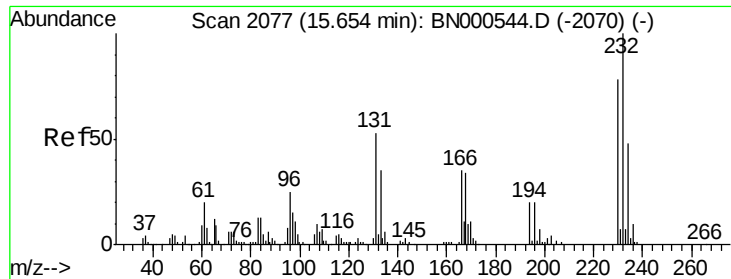
Tot Ion:142 Resp: 59352
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.4 107.2



#50
 2,4-Dinitrophenol
 Concen: 1.180 ng/ul
 RT: 15.14 min Scan# 1990
 Delta R.T. -0.01 min
 Lab File: BN000563.D
 Acq: 23 Mar 2018 04:28

Tgt Ion:184 Resp: 3653
 Ion Ratio Lower Upper
 184 100
 63 105.5 39.7 59.5#
 154 286.7 45.0 67.6#





#55

2,3,4,6-Tetrachlorophenol

Concen: 9.377 ng/ul

RT: 15.65 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN000563.D

Acq: 23 Mar 2018 04:28

Instrument :

BNA_N

ClientSampleId :

Tot Ion:232 Resp: 63401

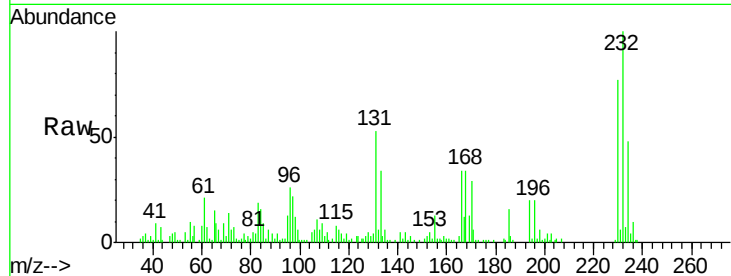
Ion Ratio Lower Upper

232 100

131 53.1 48.0 72.0

130 3.5 4.0 6.0#

166 34.2 32.0 48.0

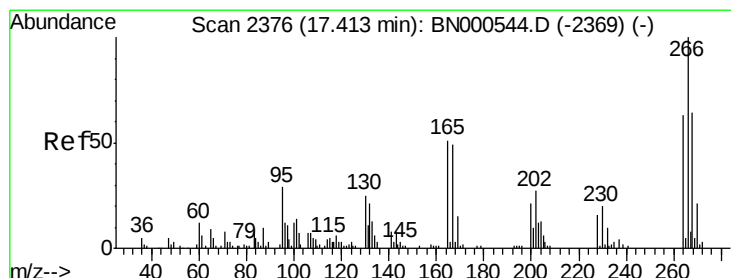
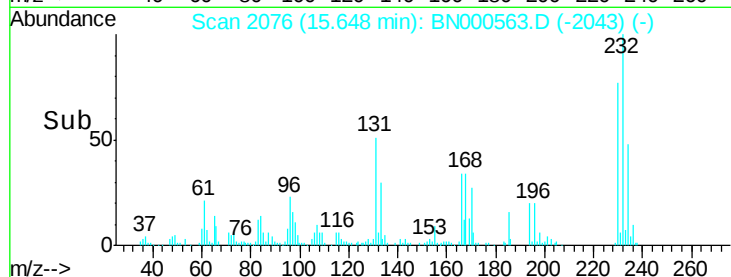
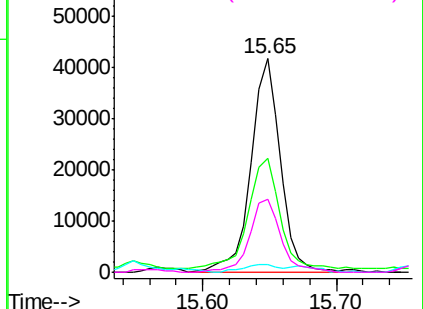


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#68

Pentachlorophenol

Concen: 133.874 ng/ul

RT: 17.41 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BN000563.D

Acq: 23 Mar 2018 04:28

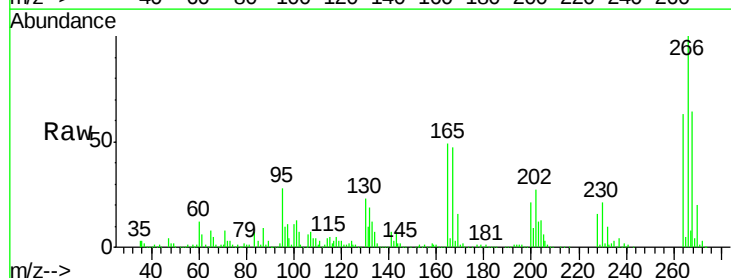
Tgt Ion:266 Resp: 685676

Ion Ratio Lower Upper

266 100

264 63.1 48.2 72.4

268 64.3 52.3 78.5



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

