

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032218\
 Data File : BN000564.D
 Acq On : 23 Mar 2018 05:02
 Operator : JU/SJ
 Sample : J1905-06DL2 50X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 23 08:38:06 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	199061	20.00	ng/ul	0.00
18) Naphthalene-d8	11.25	136	845882	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.03	164	456818	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.76	188	954958	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	786276	20.00	ng/ul	-0.01
83) Perylene-d12	24.36	264	598159	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	7.58	99	351	0.02	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.71	67	1451	0.14	ng/ul	-0.01
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	9.05	113	6093	0.42	ng/ul	-0.08
19) Nitrobenzene-d5	9.63	128	917	0.13	ng/ul	0.03
22) 2-Nitrophenol-d4	10.35	143	1927	0.27	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	11.35	131	9193	0.70	ng/ul	-0.04
43) Dimethylphthalate-d6	14.42	166	480	0.01	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	383	0.01	ng/ul	-0.01
51) 4-Nitrophenol-d4	15.22	143	3006	0.45	ng/ul	-0.01
57) Fluorene-d10	16.01	176	3911	0.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	2064	0.38	ng/ul	0.01
70) Anthracene-d10	17.85	188	3518	0.08	ng/ul	0.00
76) Pyrene-d10	20.12	212	947	0.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.36	264	558698	19.79	ng/ul	0.15

Target Compounds

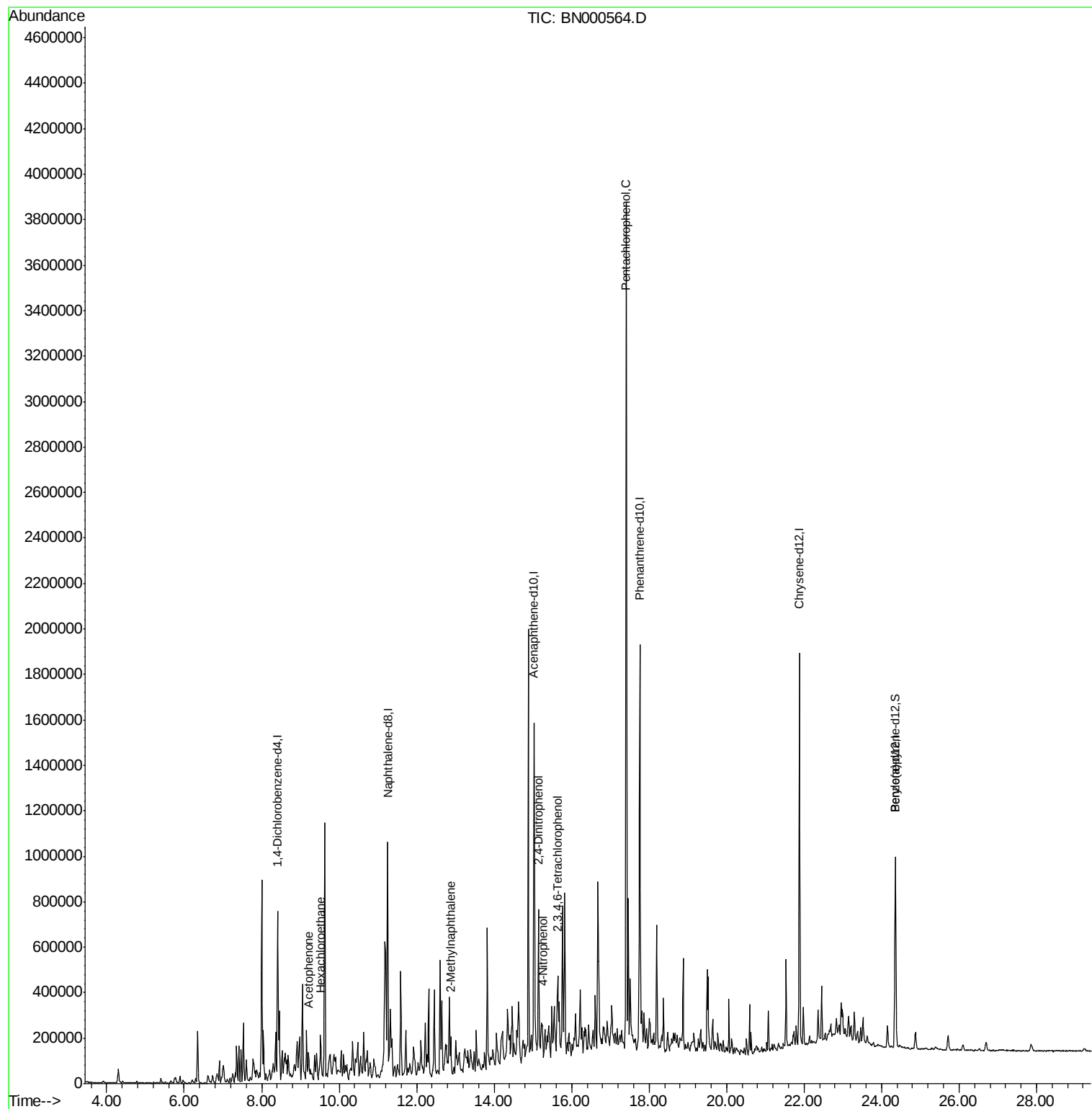
					Ovalue	
14) Acetophenone	9.22	105	74754	3.476	ng/ul#	31
17) Hexachloroethane	9.53	117	9338	1.561	ng/ul#	1
34) 2-Methylnaphthalene	12.88	142	70067	2.363	ng/ul	98
50) 2,4-Dinitrophenol	15.15	184	4971	1.465	ng/ul#	1
52) 4-Nitrophenol	15.25	109	5218	1.008	ng/ul#	9
55) 2,3,4,6-Tetrachlorophenol	15.65	232	57552	7.764	ng/ul	96
68) Pentachlorophenol	17.41	266	622644	114.752	ng/ul	96

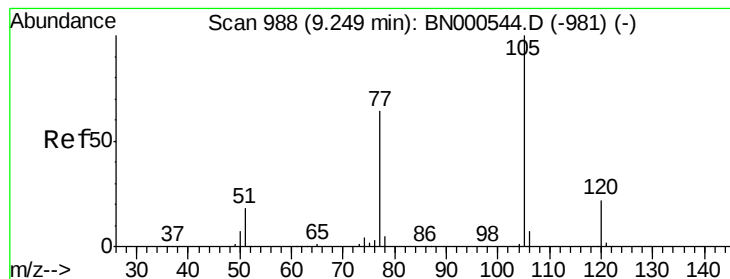
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#14

Acetophenone

Concen: 3.476 ng/ul

RT: 9.22 min Scan# 983

Delta R.T. -0.03 min

Lab File: BN000564.D

Acq: 23 Mar 2018 05:02

Instrument :

BNA_N

ClientSampleId :

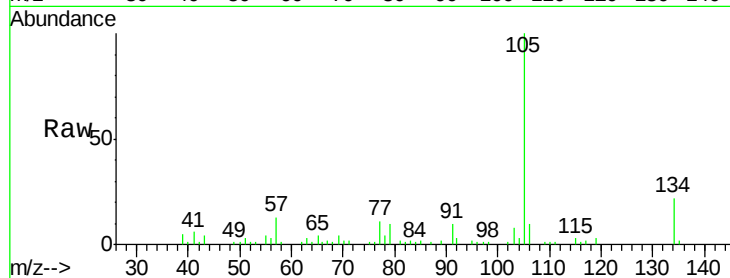
Tot Ion:105 Resp: 74754

Ion Ratio Lower Upper

105 100

77 11.0 63.2 94.8#

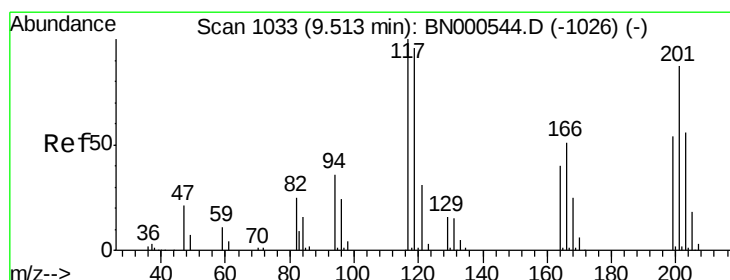
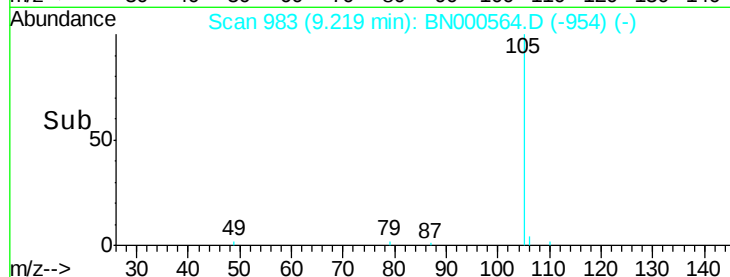
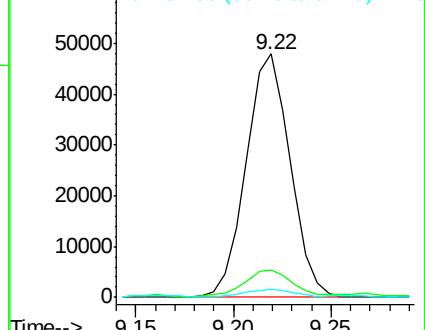
51 3.2 19.8 29.8#



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNC

Ion 51.00 (50.70 to 51.70): BNC



#17

Hexachloroethane

Concen: 1.561 ng/ul

RT: 9.53 min Scan# 1036

Delta R.T. 0.02 min

Lab File: BN000564.D

Acq: 23 Mar 2018 05:02

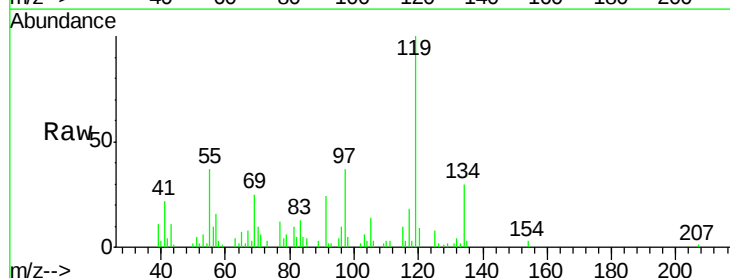
Tgt Ion:117 Resp: 9338

Ion Ratio Lower Upper

117 100

201 0.0 96.1 144.1#

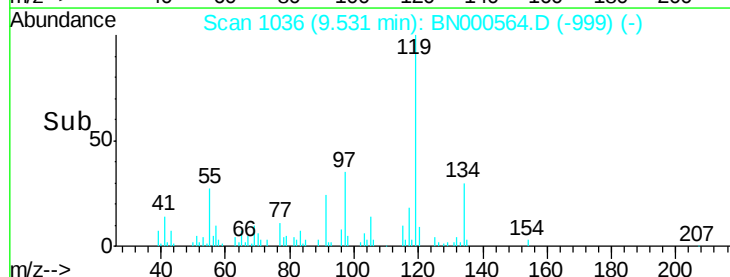
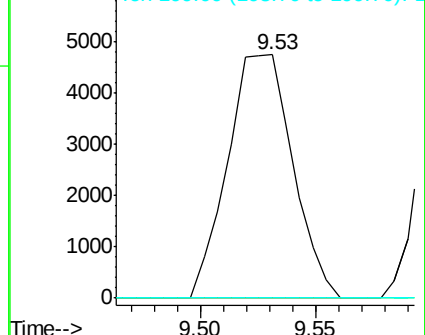
199 0.0 59.7 89.5#

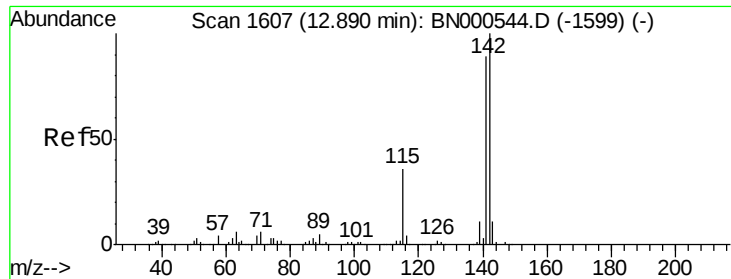


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E

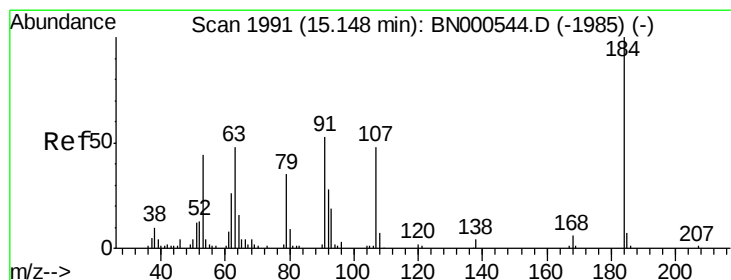
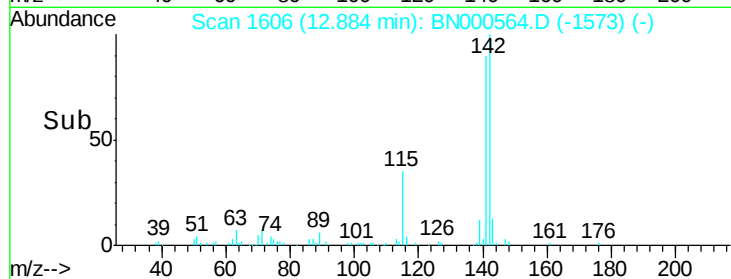
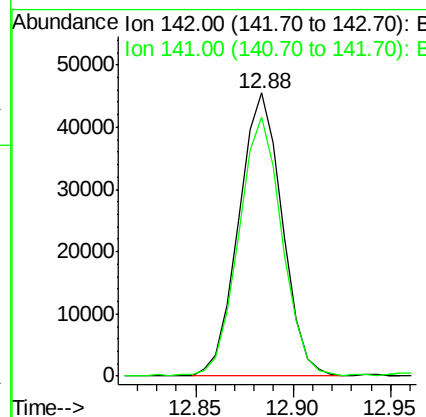
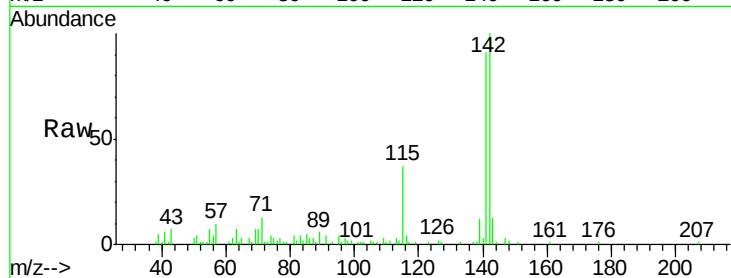




#34
 2-Methylnaphthalene
 Concen: 2.363 ng/ul
 RT: 12.88 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BN000564.D
 Acq: 23 Mar 2018 05:02

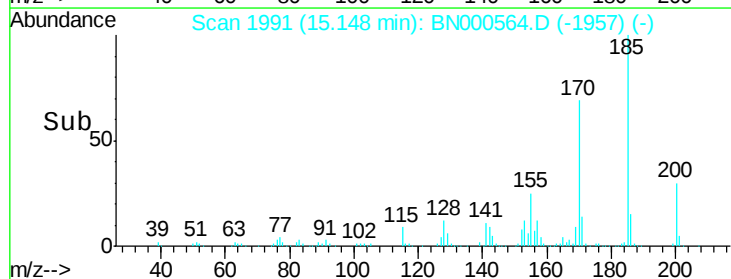
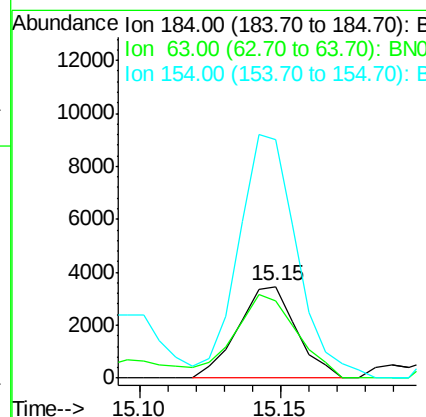
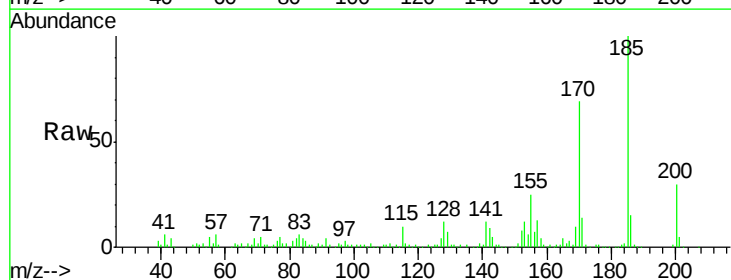
Instrument :
 BNA_N
 ClientSampled :

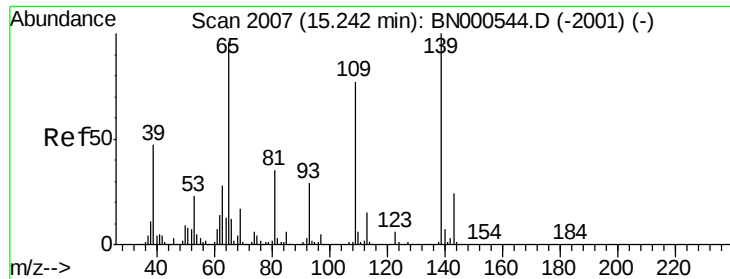
Tot Ion:142 Resp: 70067
 Ion Ratio Lower Upper
 142 100
 141 91.3 71.4 107.2



#50
 2,4-Dinitrophenol
 Concen: 1.465 ng/ul
 RT: 15.15 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: BN000564.D
 Acq: 23 Mar 2018 05:02

Tgt Ion:184 Resp: 4971
 Ion Ratio Lower Upper
 184 100
 63 84.5 39.7 59.5#
 154 260.7 45.0 67.6#





#52

4-Nitrophenol

Concen: 1.008 ng/ul

RT: 15.25 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BN000564.D

Acq: 23 Mar 2018 05:02

Instrument :

BNA_N

ClientSampleId :

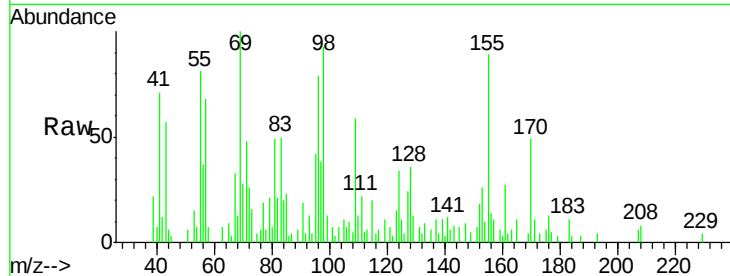
Tot Ion:109 Resp: 5218

Ion Ratio Lower Upper

109 100

139 18.7 91.2 136.8#

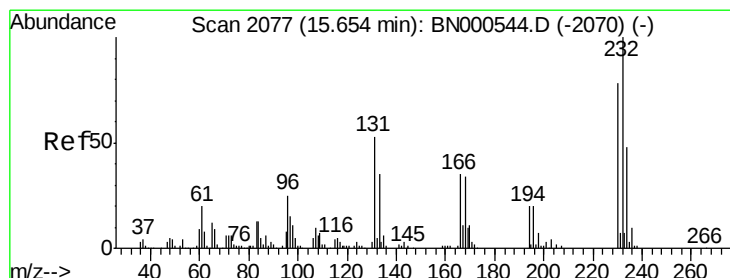
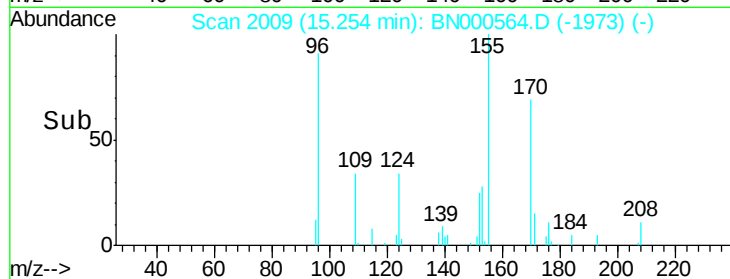
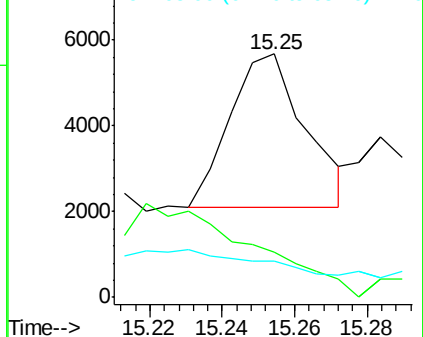
65 14.9 92.6 139.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNC



#55

2,3,4,6-Tetrachlorophenol

Concen: 7.764 ng/ul

RT: 15.65 min Scan# 2076

Delta R.T. -0.01 min

Lab File: BN000564.D

Acq: 23 Mar 2018 05:02

Tgt Ion:232 Resp: 57552

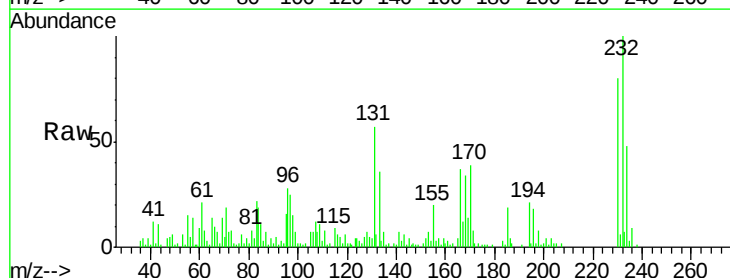
Ion Ratio Lower Upper

232 100

131 56.7 48.0 72.0

130 4.0 4.0 6.0

166 37.0 32.0 48.0

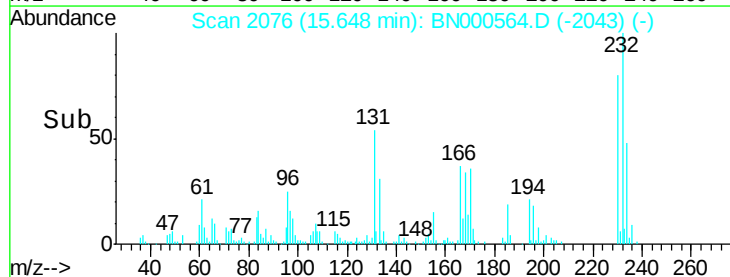
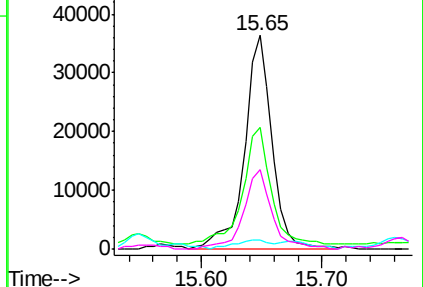


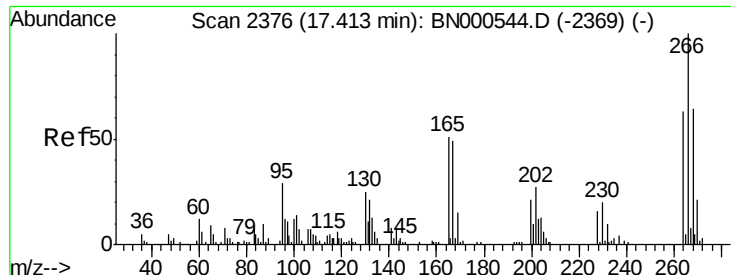
Abundance Ion 232.00 (231.70 to 232.70): E

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: 114.752 ng/ul

RT: 17.41 min Scan# 2376

Delta R.T. 0.00 min

Lab File: BN000564.D

Acq: 23 Mar 2018 05:02

Instrument :

BNA_N

ClientSampleId :

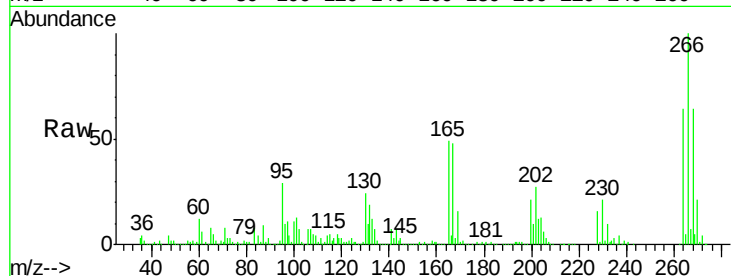
Tot Ion:266 Resp: 622644

Ion Ratio Lower Upper

266 100

264 64.2 48.2 72.4

268 63.7 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

