

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
 Data File : BG028422.D
 Acq On : 22 Aug 2017 17:18
 Operator : SJ/JU
 Sample : I4713-06MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4MSD

Manual Integrations
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Quant Time: Aug 23 05:28:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 23 02:58:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	40295	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	186495	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	137441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	315729m	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	346629	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	335975	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.83	96	2898	3.35	ng/uL	0.00
5) Phenol-d5	7.50	99	72641	16.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	49170	17.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.88	132	55204	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	43946	11.88	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	31153	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	37090	23.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	68187	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.30	131	51410	13.96	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	259991	21.27	ng/ul	0.00
46) Acenaphthylene-d8	14.65	160	309661	22.47	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	29577m	15.22	ng/ul	0.00
57) Fluorene-d10	15.94	176	230166	20.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.06	200	37157m	18.12	ng/ul	0.00
70) Anthracene-d10	17.80	188	338829	22.38	ng/ul	0.00
76) Pyrene-d10	20.07	212	417617	23.49	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	382312	24.31	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.52	94	80753	18.361	ng/ul	92
10) 2-Chlorophenol	7.91	128	54176	19.913	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.13	70	45827	15.286	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.42	107	83917	21.831	ng/ul	98
44) Dimethylphthalate	14.39	163	125363	11.138	ng/ul	98
49) Acenaphthene	15.02	153	166882	18.778	ng/ul	96
52) 4-Nitrophenol	15.16	109	37573	18.657	ng/ul	95
54) 2,4-Dinitrotoluene	15.30	165	61725	17.526	ng/ul#	93
68) Pentachlorophenol	17.35	266	45617	24.930	ng/ul	90
74) Fluoranthene	19.74	202	35270m	1.826	ng/ul	
77) Pyrene	20.10	202	420452	20.331	ng/ul	98

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

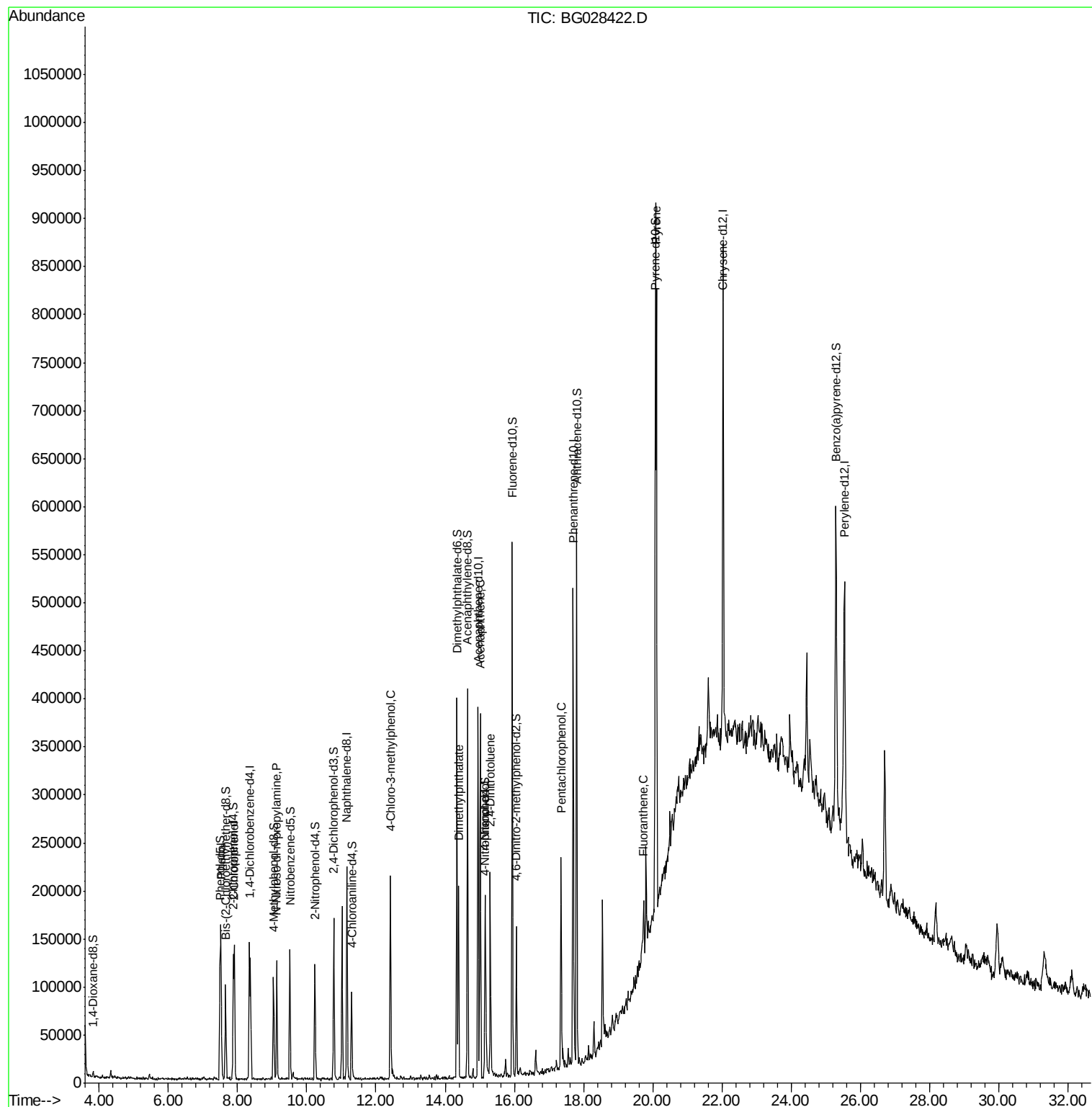
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082217\
Data File : BG028422.D
Acq On : 22 Aug 2017 17:18
Operator : SJ/JU
Sample : I4713-06MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

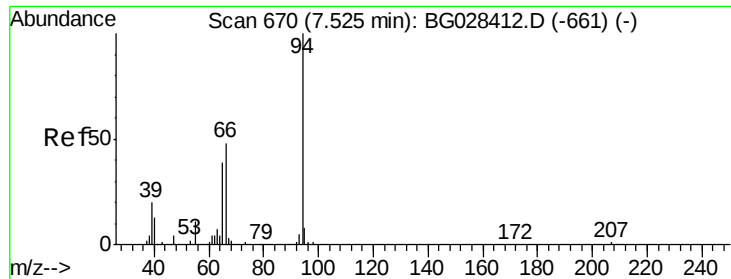
Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

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Quant Time: Aug 23 05:28:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 23 02:58:29 2017
Response via : Initial Calibration





#6

Phenol

Concen: 18.361 ng/ul

RT: 7.52 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG028422.D

Acq: 22 Aug 2017 17:18

Instrument :

BNA_G

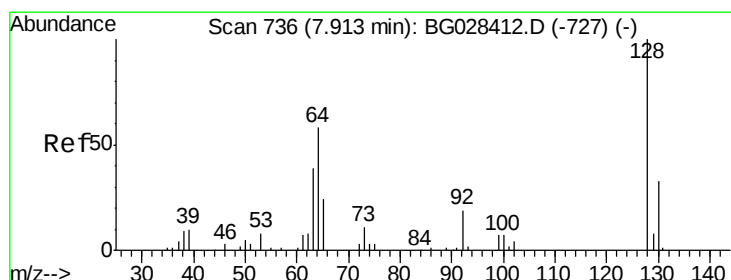
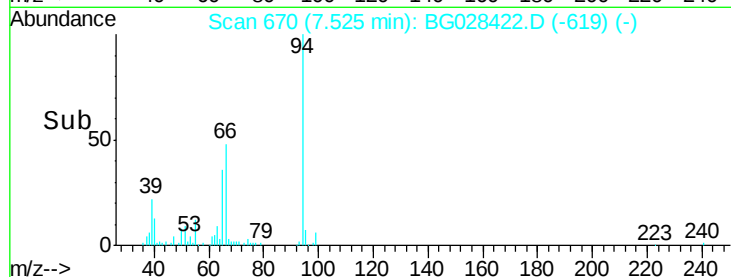
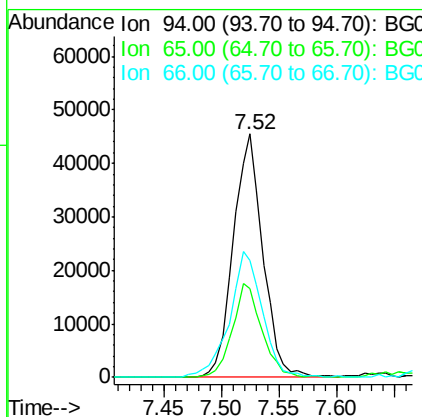
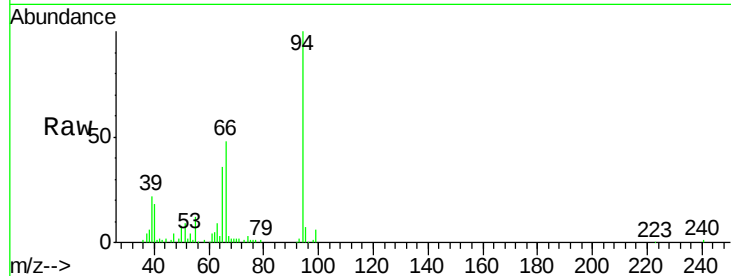
ClientSampleId :

E7GB4MSD

Tgt Ion:	94	Resp:	80753
Ion	Ratio	Lower	Upper
94	100		
65	36.5	26.8	40.2
66	48.2	44.4	66.6

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#10

2-Chlorophenol

Concen: 19.913 ng/ul

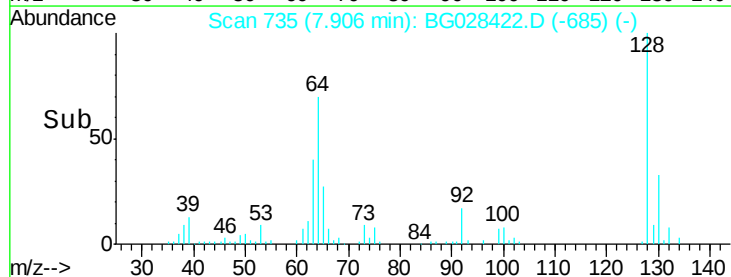
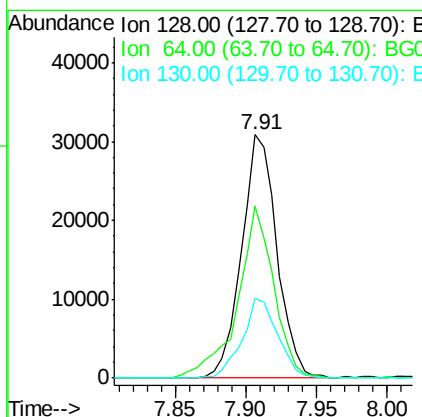
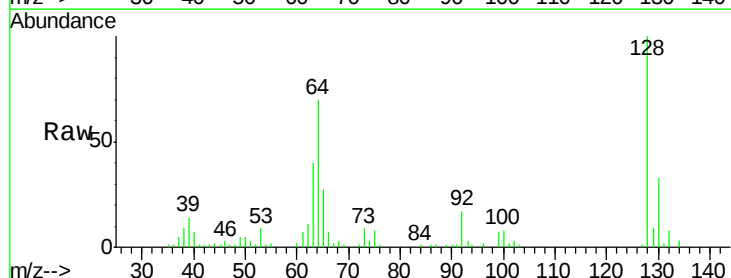
RT: 7.91 min Scan# 735

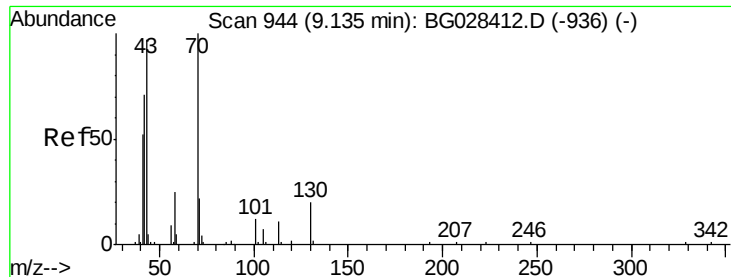
Delta R.T. -0.01 min

Lab File: BG028422.D

Acq: 22 Aug 2017 17:18

Tgt Ion:	128	Resp:	54176
Ion	Ratio	Lower	Upper
128	100		
64	70.4	56.3	84.5
130	32.9	26.7	40.1





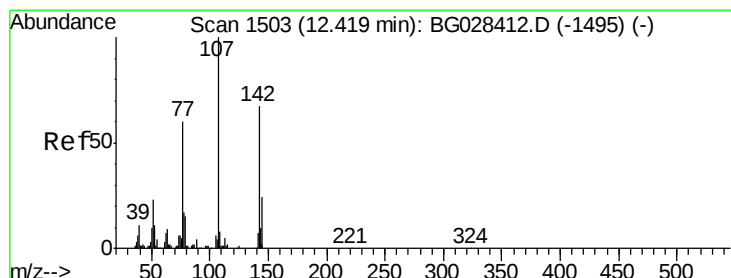
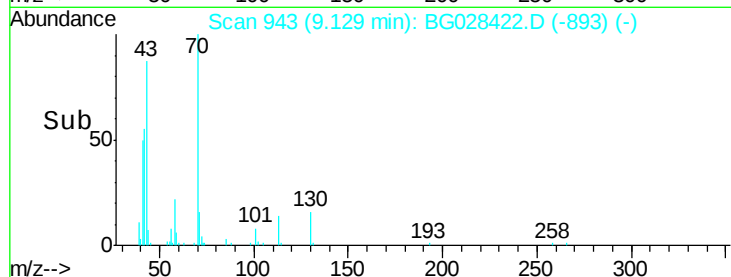
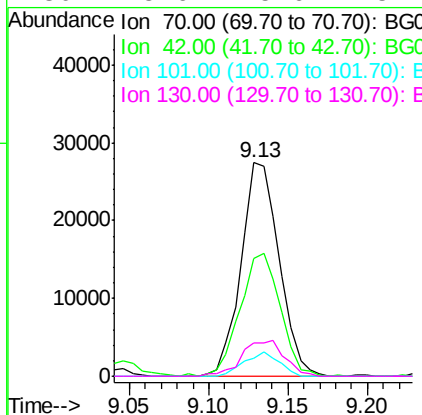
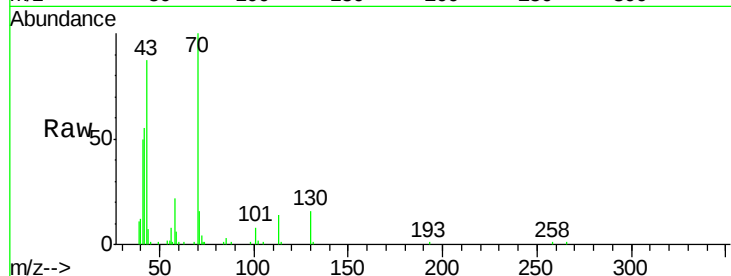
#15
N-Nitroso-di-n-propylamine
Concen: 15.286 ng/ul
RT: 9.13 min Scan# 943
Delta R.T. -0.01 min
Lab File: BG028422.D
Acq: 22 Aug 2017 17:18

Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.2	59.0	88.6#
101	8.4	6.6	9.8
130	15.6	15.6	23.4

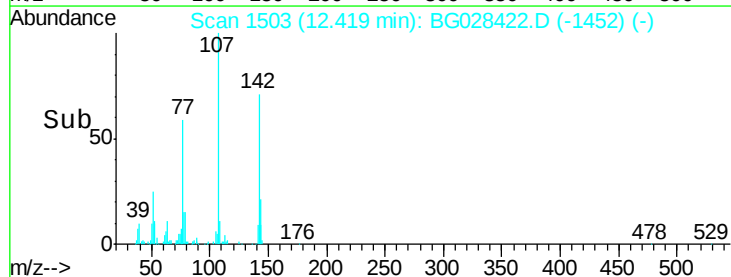
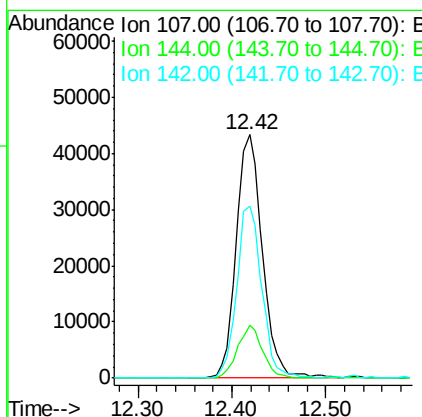
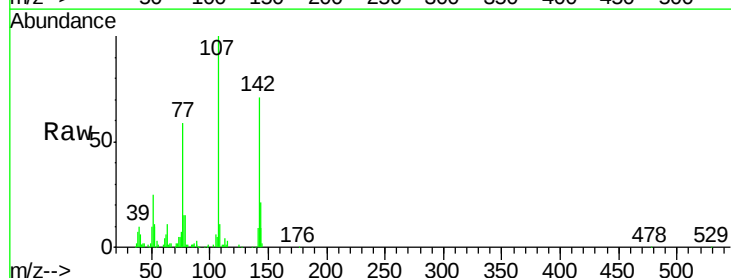
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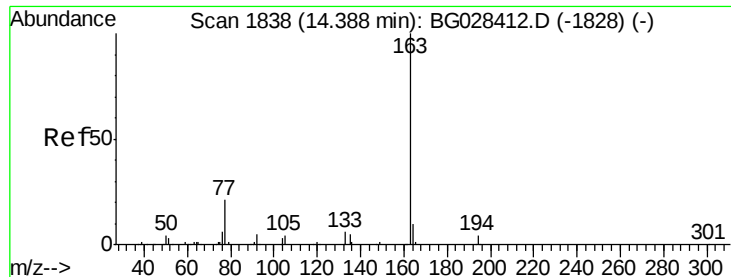
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#33
4-Chloro-3-methylphenol
Concen: 21.831 ng/ul
RT: 12.42 min Scan# 1503
Delta R.T. -0.00 min
Lab File: BG028422.D
Acq: 22 Aug 2017 17:18

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.5	18.2	27.4
142	70.6	55.0	82.4





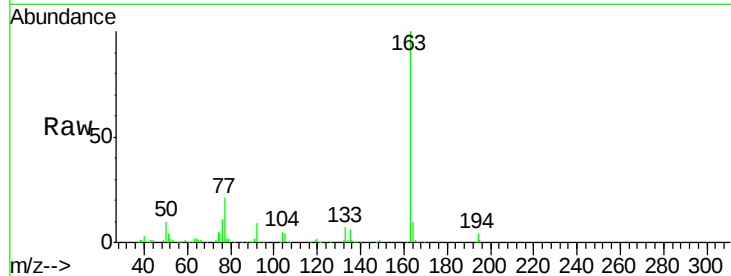
#44
Dimethylphthalate
Concen: 11.138 ng/ul
RT: 14.39 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BG028422.D
Acq: 22 Aug 2017 17:18

Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

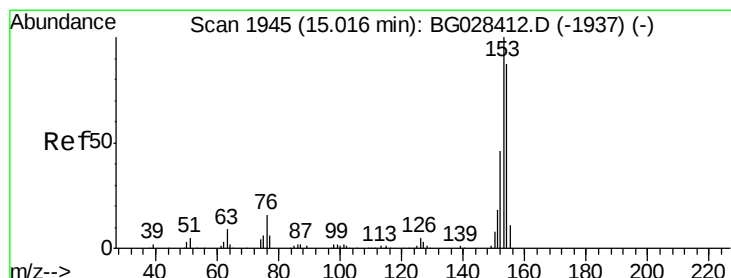
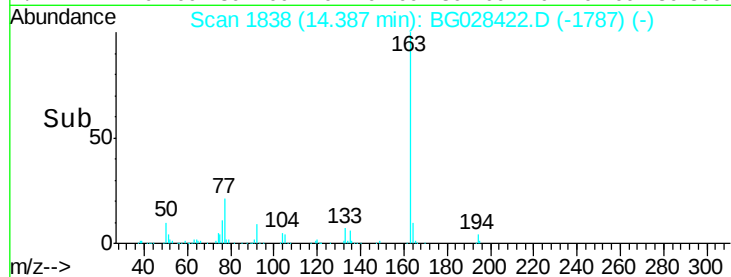
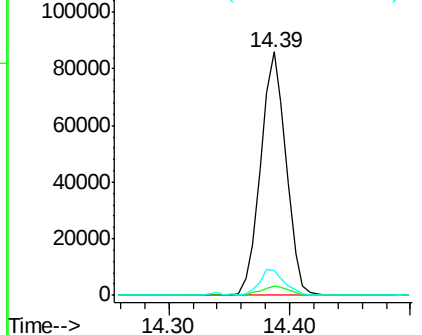
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	125363		
194	3.7		3.4	5.0
164	10.1		9.0	13.4

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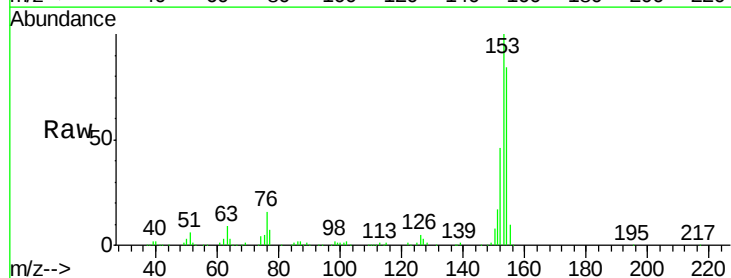


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

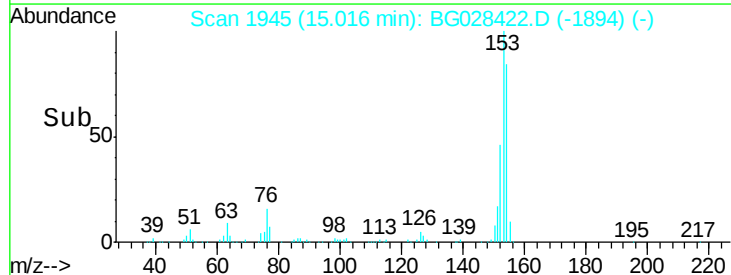
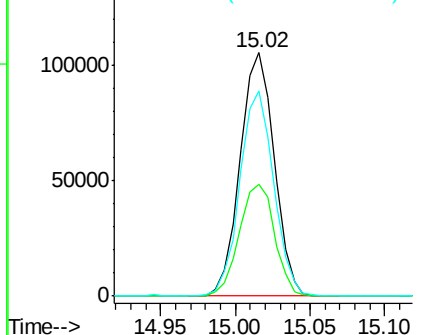


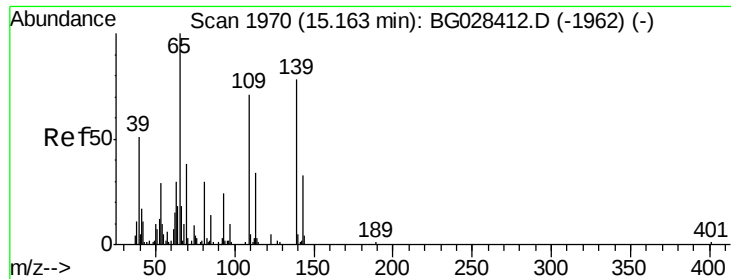
#49
Acenaphthene
Concen: 18.778 ng/ul
RT: 15.02 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG028422.D
Acq: 22 Aug 2017 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	166882		
152	46.0		36.5	54.7
154	84.4		72.3	108.5



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





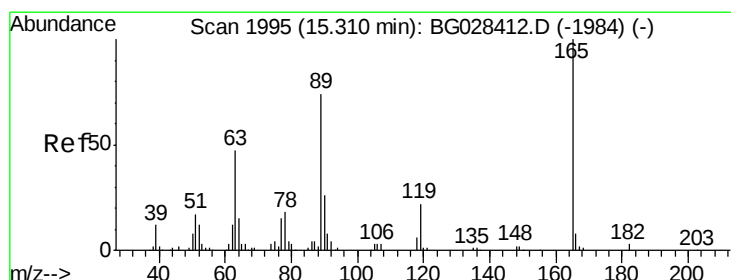
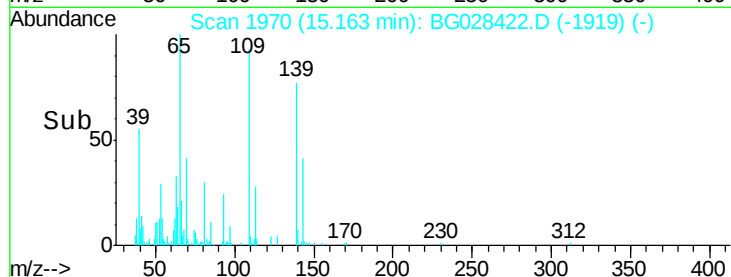
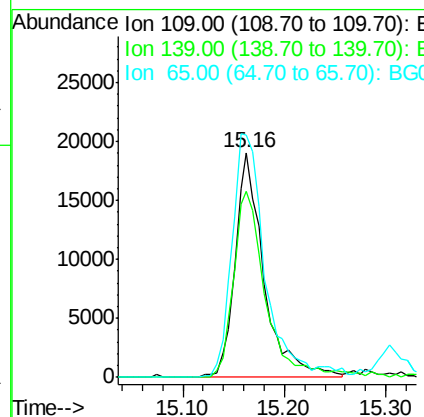
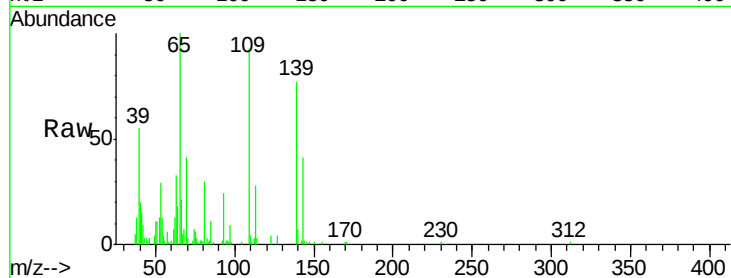
#52
4-Nitrophenol
Concen: 18.657 ng/ul
RT: 15.16 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG028422.D
Acq: 22 Aug 2017 17:18

Instrument :
BNA_G
ClientSampleId :
E7GB4MSD

Tgt Ion	Ratio	Resp	Lower	Upper
109	100	37573		
139	82.8	62.6	93.8	
65	107.5	90.4	135.6	

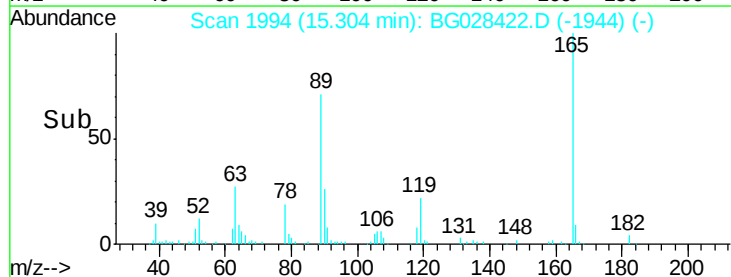
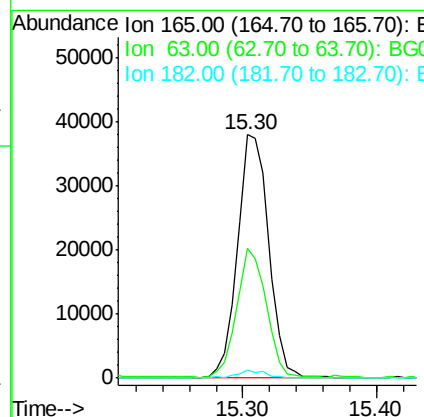
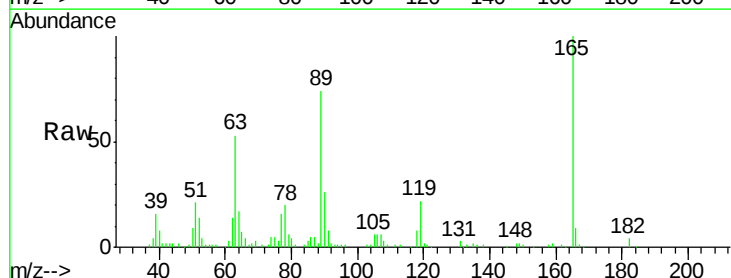
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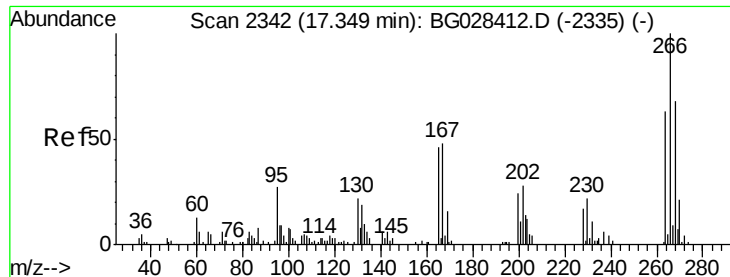
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#54
2,4-Dinitrotoluene
Concen: 17.526 ng/ul
RT: 15.30 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG028422.D
Acq: 22 Aug 2017 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61725		
63	53.1	46.8	70.2	
182	3.6	1.8	2.6#	





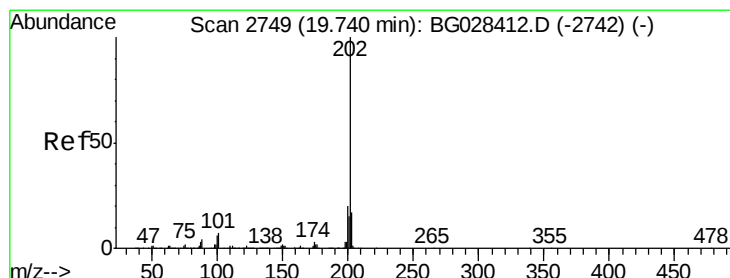
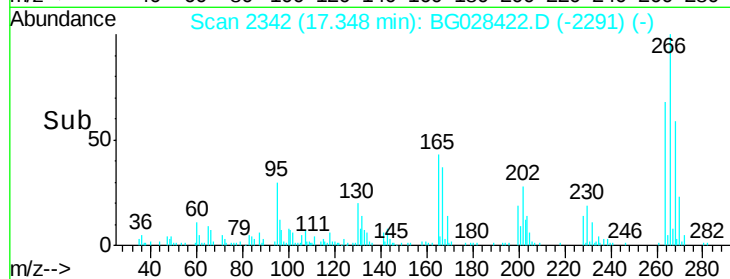
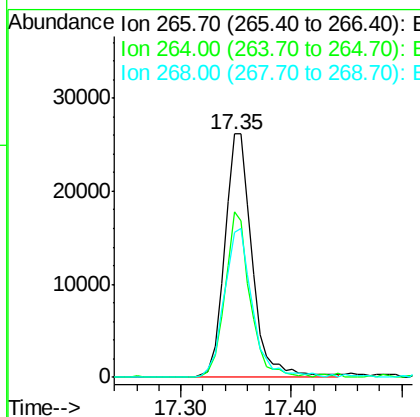
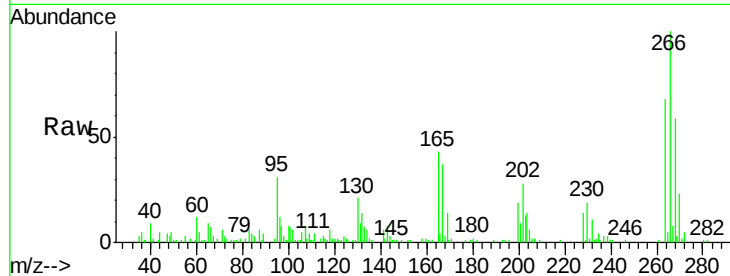
#68
 Pentachlorophenol
 Concen: 24.930 ng/ul
 RT: 17.35 min Scan# 2342
 Delta R.T. -0.00 min
 Lab File: BG028422.D
 Acq: 22 Aug 2017 17:18

Instrument :
 BNA_G
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Tgt Ion	Ratio	Resp	Lower	Upper
266	100	45617		
264	67.8		47.1	70.7
268	62.8		56.2	84.4

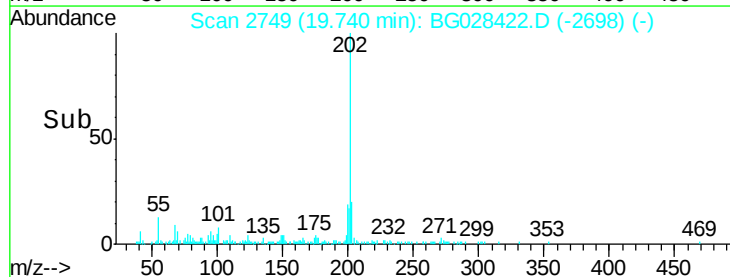
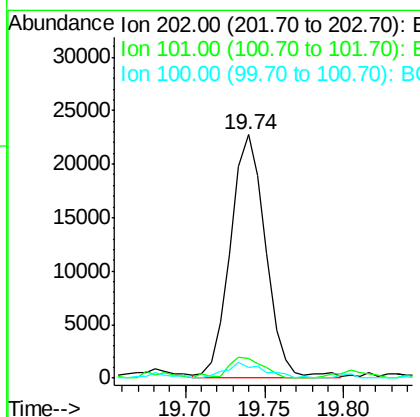
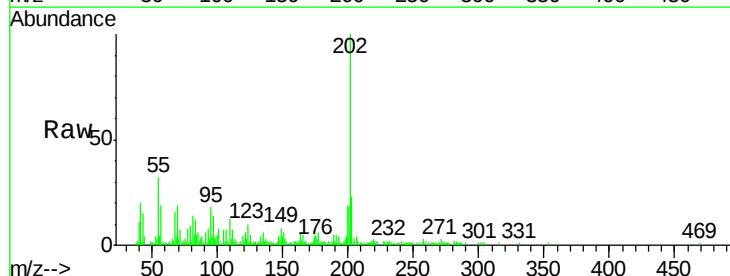
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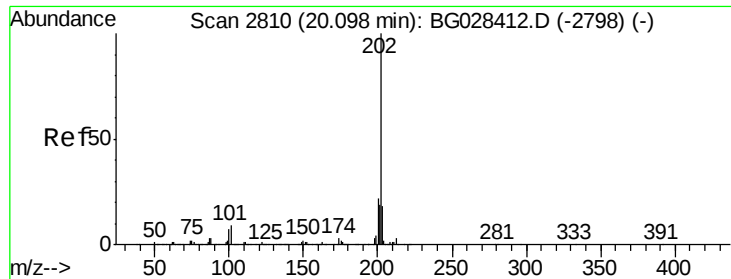
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#74
 Fluoranthene
 Concen: 1.826 ng/ul m
 RT: 19.74 min Scan# 2749
 Delta R.T. -0.00 min
 Lab File: BG028422.D
 Acq: 22 Aug 2017 17:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	35270		
101	8.2		6.2	9.2
100	4.6		5.2	7.8#





#77
 Pyrene
 Concen: 20.331 ng/ul
 RT: 20.10 min Scan# 2811
 Delta R.T. 0.01 min
 Lab File: BG028422.D
 Acq: 22 Aug 2017 17:18

Instrument :
 BNA_G
 ClientSampleId :
 E7GB4MSD

Tgt Ion:	202	Resp:	420452
Ion Ratio	Lower	Upper	
202	100		
101	8.0	6.9	10.3
100	7.4	6.6	10.0

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