

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048282.D
 Acq On : 23 Feb 2021 00:09
 Operator : CG/JU
 Sample : M1429-16MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DBGT0MSD

Manual Integrations
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Quant Time: Feb 23 02:13:45 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 22 11:08:29 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	31102	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	128308	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.75	164	97013	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	231863	20.00	ng/ul	0.01
78) Chrysene-d12	21.78	240	234679	20.00	ng/ul	0.01
86) Perylene-d12	25.08	264	226466	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	6534m	8.75	ng/uL	0.02
5) Phenol-d5	7.35	99	34299	13.09	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.45	67	65673	42.07	ng/ul	0.02
9) 2-Chlorophenol-d4	7.68	132	64163	34.88	ng/ul	0.02
13) 4-Methylphenol-d8	8.88	113	48739	23.71	ng/ul	0.03
19) Nitrobenzene-d5	9.30	128	41967	43.79	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	46410	40.03	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.59	165	85971	37.86	ng/ul	0.02
29) 4-Chloroaniline-d4	11.09	131	4421	1.97	ng/ul	0.02
44) Dimethylphthalate-d6	14.15	166	318381	44.30	ng/ul	0.01
47) Acenaphthylene-d8	14.45	160	357790	40.73	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	15626	12.80	ng/ul	0.04
58) Fluorene-d10	15.74	176	286719	44.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	63782	44.87	ng/ul	0.01
71) Anthracene-d10	17.60	188	478266	48.11	ng/ul	0.01
79) Pyrene-d10	19.88	212	552224	47.12	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.86	264	563290	48.76	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.38	94	32525	12.022	ng/ul	94
10) 2-Chlorophenol	7.71	128	63098	32.425	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.93	70	73935	39.769	ng/ul	96
28) Naphthalene	10.99	128	876345	135.410	ng/ul	96
33) 4-Chloro-3-methylphenol	12.27	107	97093	40.376	ng/ul	95
34) 2-Methylnaphthalene	12.59	142	119586	24.310	ng/ul	96
45) Dimethylphthalate	14.20	163	9950	1.339	ng/ul#	98
50) Acenaphthene	14.81	153	226724	38.452	ng/ul	93
53) 4-Nitrophenol	15.07	109	19207	13.933	ng/ul	85
55) 2,4-Dinitrotoluene	15.13	165	100627	44.842	ng/ul	97
69) Pentachlorophenol	17.17	266	70408m	43.405	ng/ul	
80) Pyrene	19.91	202	622336	42.683	ng/ul	100

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

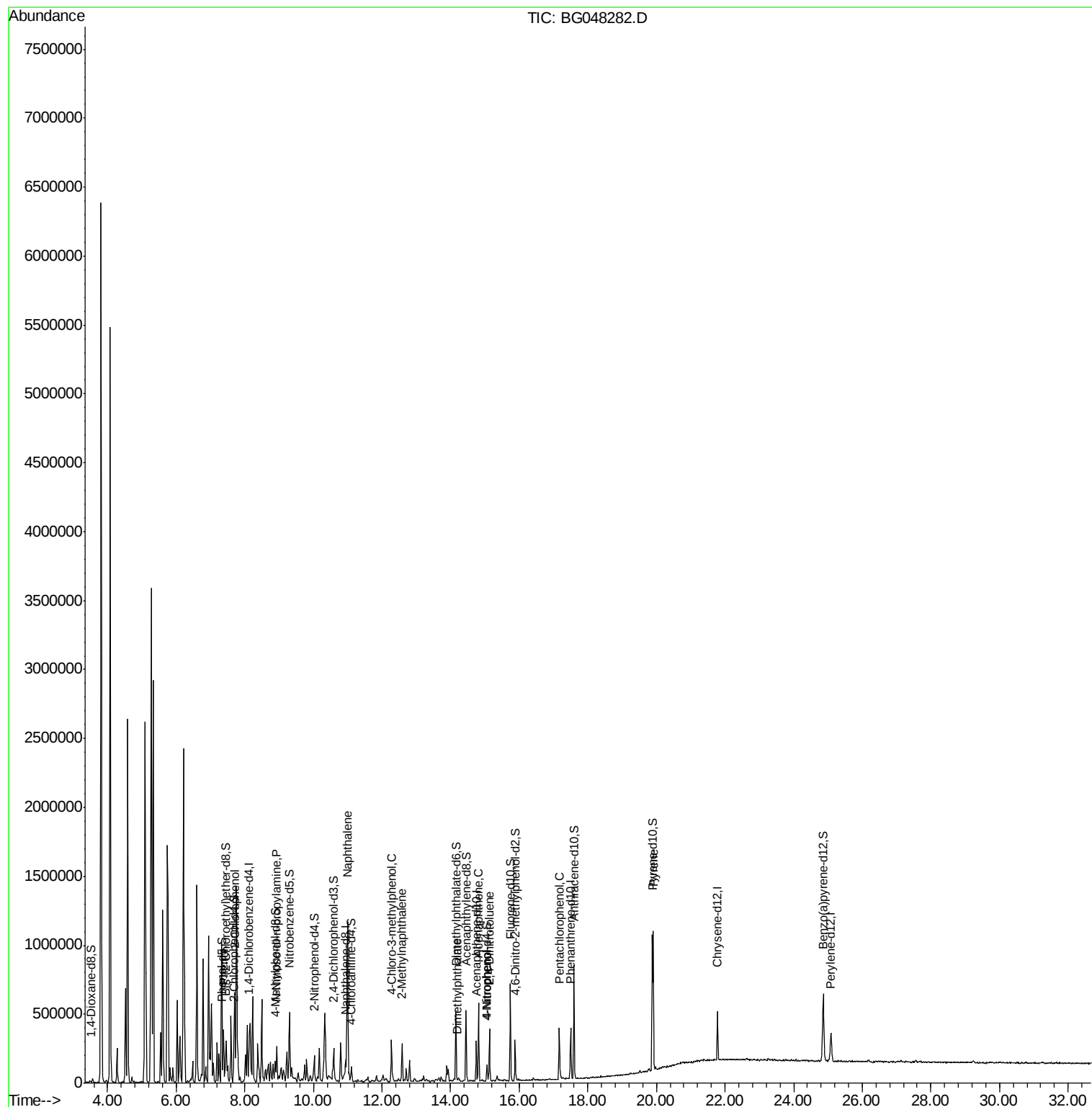
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
Data File : BG048282.D
Acq On : 23 Feb 2021 00:09
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ALS Vial : 21 Sample Multiplier: 1

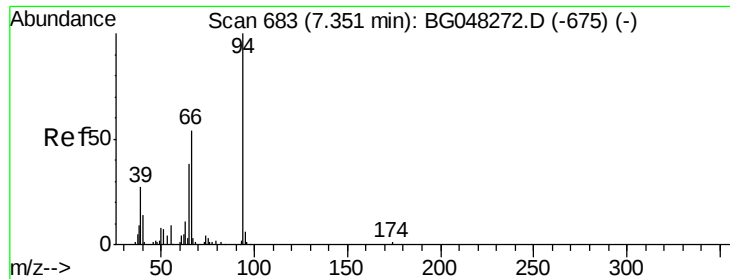
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 12.022 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. 0.04 min

Lab File: BG048282.D

Acq: 23 Feb 2021 00:09

Instrument :

BNA_G

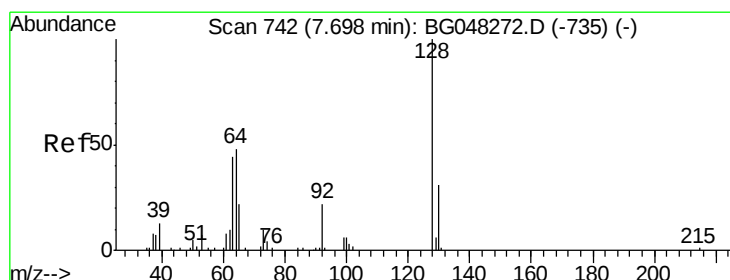
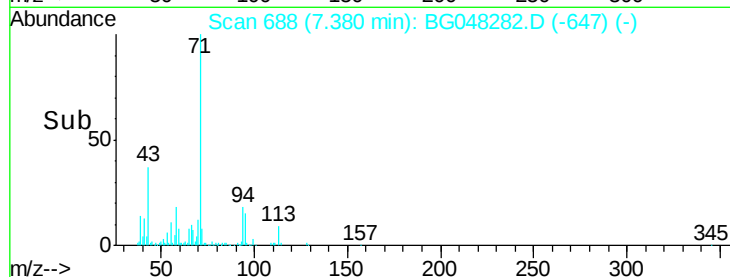
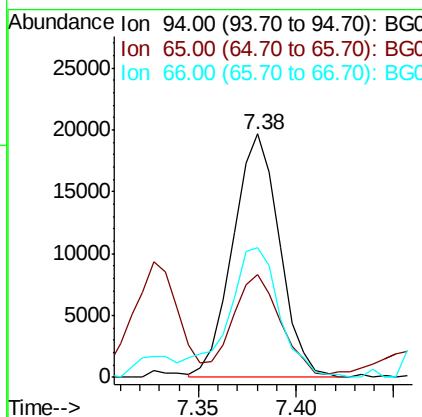
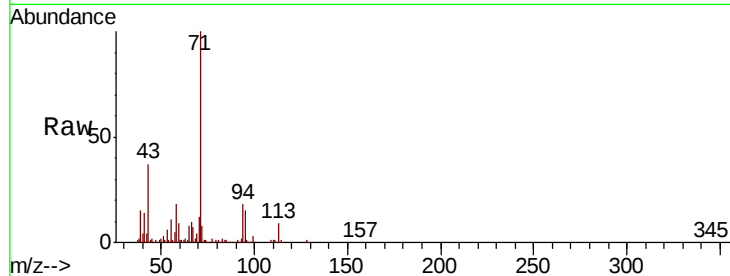
ClientSampleId :

DBG0MSD

Tot Ion:	94	Resp:	32525
Ion	Ratio	Lower	Upper
94	100		
65	42.2	31.0	46.6
66	53.5	46.8	70.2

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#10

2-Chlorophenol

Concen: 32.425 ng/ul

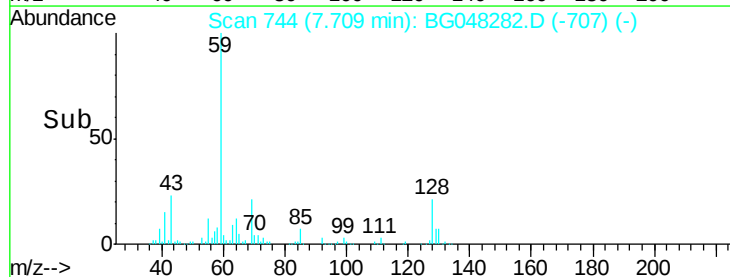
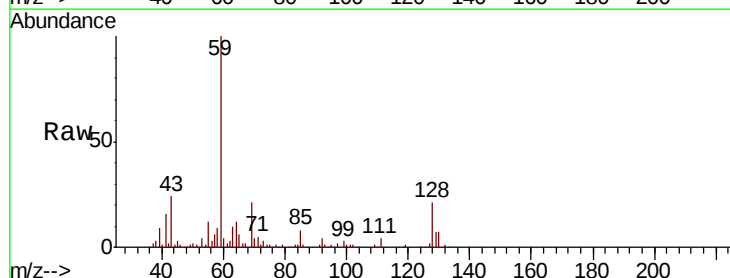
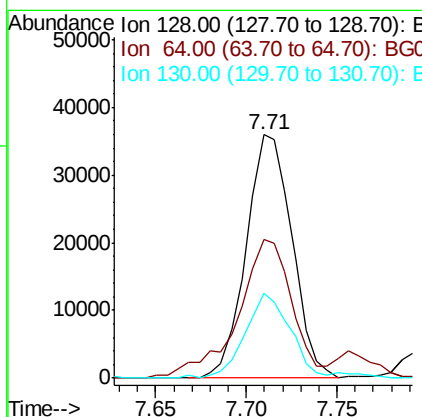
RT: 7.71 min Scan# 744

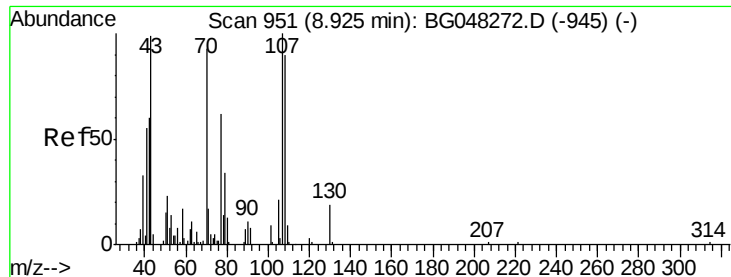
Delta R.T. 0.02 min

Lab File: BG048282.D

Acq: 23 Feb 2021 00:09

Tgt Ion:	128	Resp:	63098
Ion	Ratio	Lower	Upper
128	100		
64	56.7	42.8	64.2
130	34.7	23.8	35.8





#15

N-Nitroso-di-n-propylamine

Concen: 39.769 ng/ul

RT: 8.93 min Scan# 952

Delta R.T. 0.01 min

Lab File: BG048282.D

Acq: 23 Feb 2021 00:09

Instrument :

BNA_G

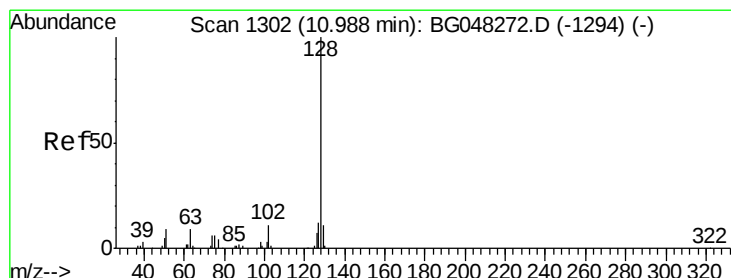
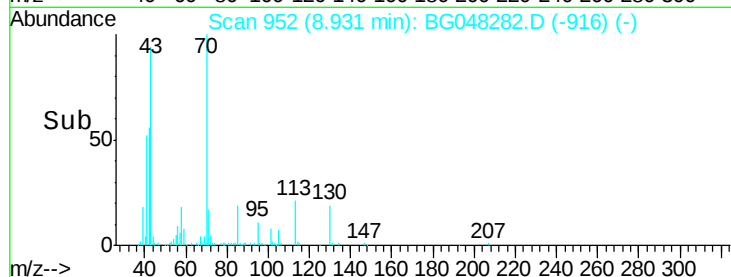
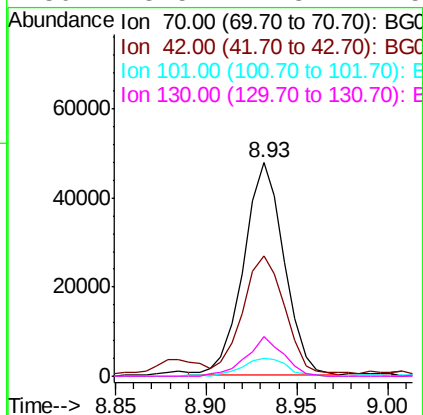
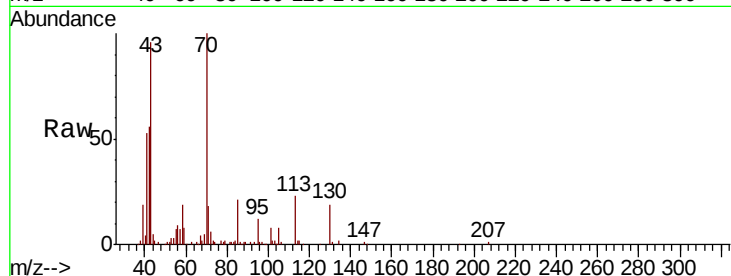
ClientSampleId :

DBG0MSD

Tot Ion:	70	Resp:	73935
Ion Ratio	Lower	Upper	
70	100		
42	56.4	48.0	72.0
101	8.2	7.6	11.4
130	18.5	14.3	21.5

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#28

Naphthalene

Concen: 135.410 ng/ul

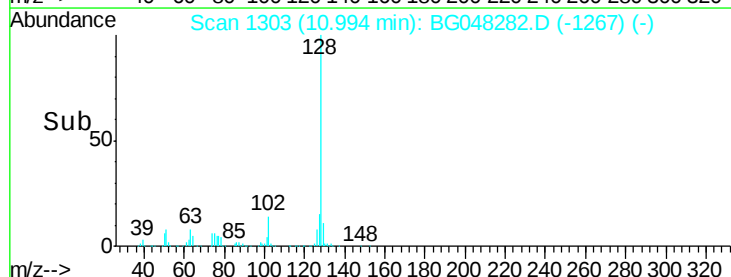
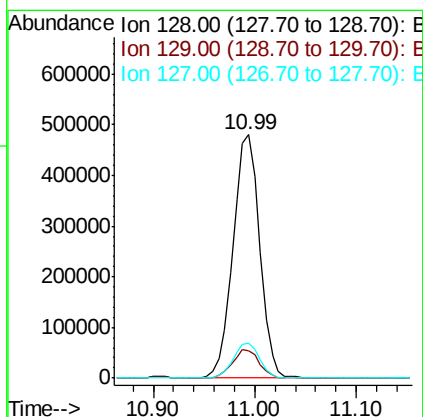
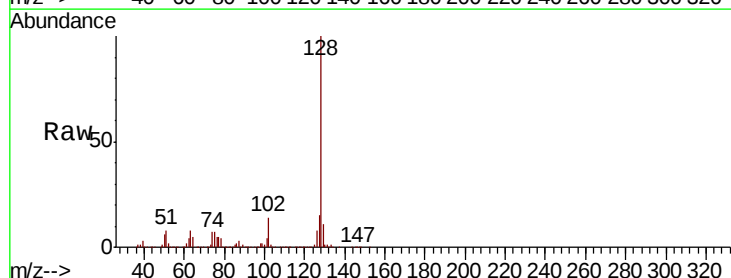
RT: 10.99 min Scan# 1303

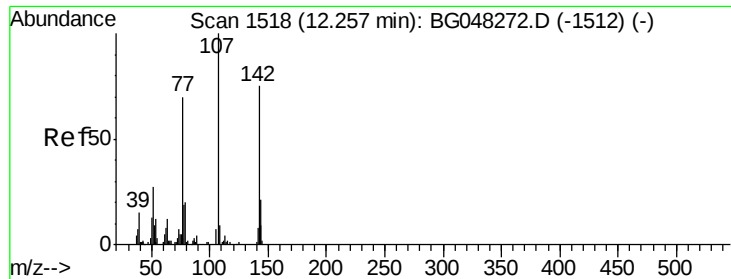
Delta R.T. 0.01 min

Lab File: BG048282.D

Acq: 23 Feb 2021 00:09

Tgt Ion:	128	Resp:	876345
Ion Ratio	Lower	Upper	
128	100		
129	11.4	10.4	15.6
127	14.6	10.2	15.2





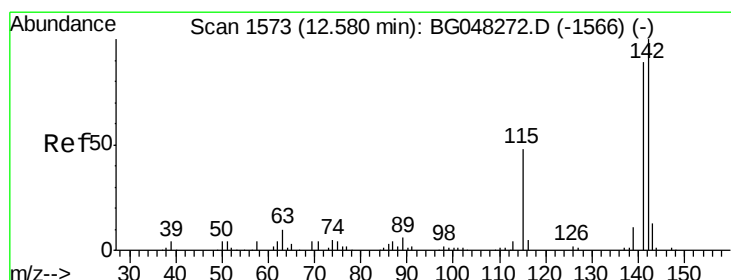
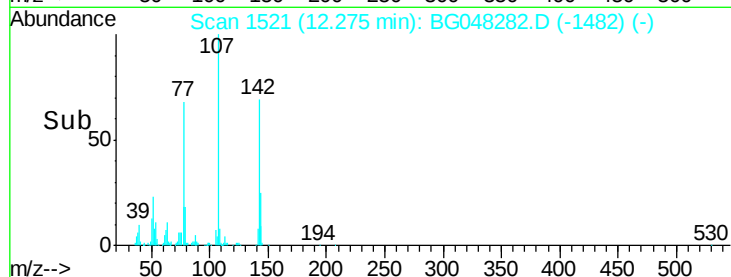
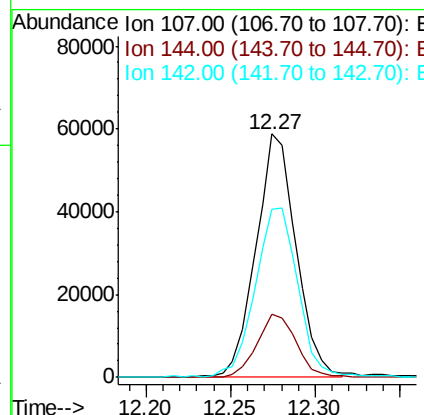
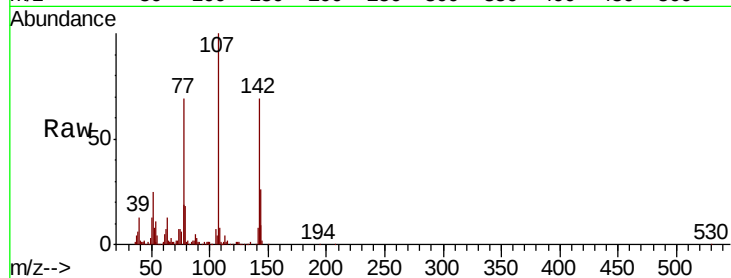
#33
4-Chloro-3-methylphenol
Concen: 40.376 ng/ul
RT: 12.27 min Scan# 1521
Delta R.T. 0.03 min
Lab File: BG048282.D
Acq: 23 Feb 2021 00:09

Instrument :
BNA_G
ClientSampleId :
DBGT0MSD

Tot Ion	Ratio	Lower	Upper
107	100		
144	26.2	20.6	31.0
142	69.0	59.3	88.9

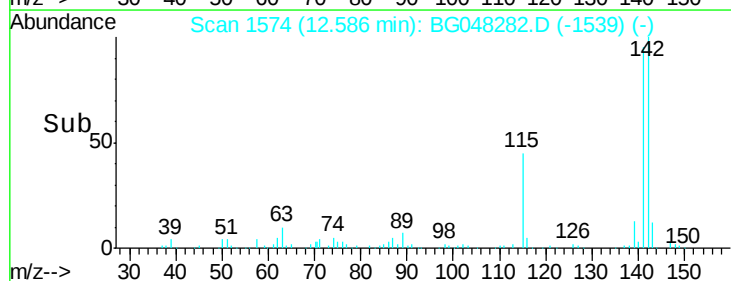
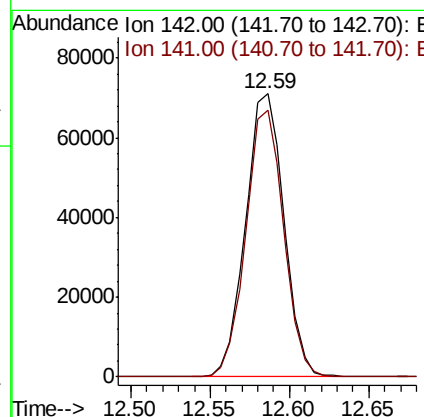
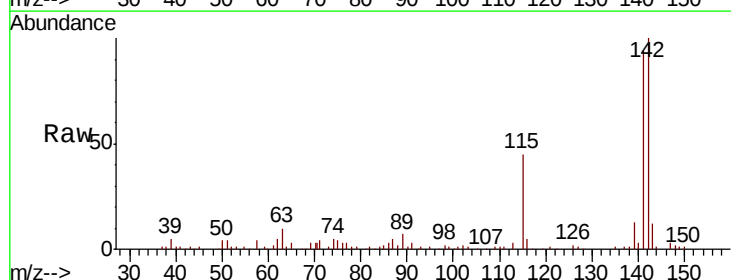
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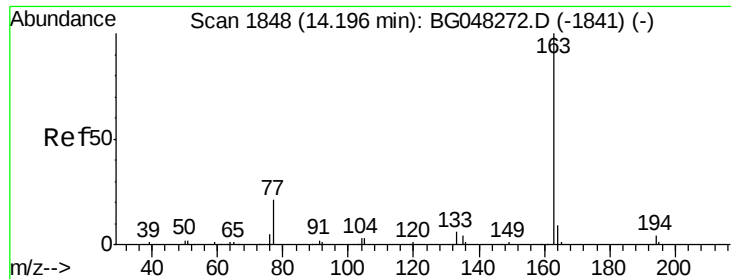
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#34
2-Methylnaphthalene
Concen: 24.310 ng/ul
RT: 12.59 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BG048282.D
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.3	72.2	108.4





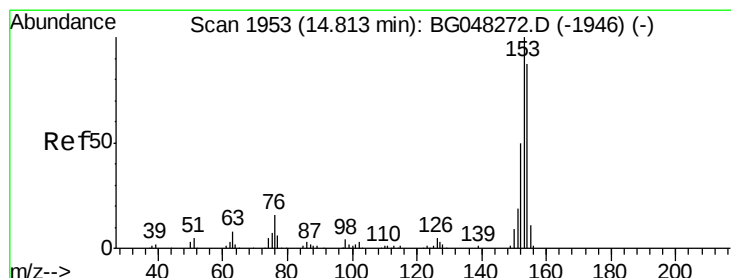
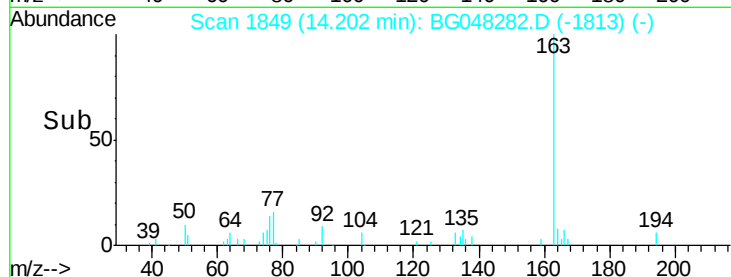
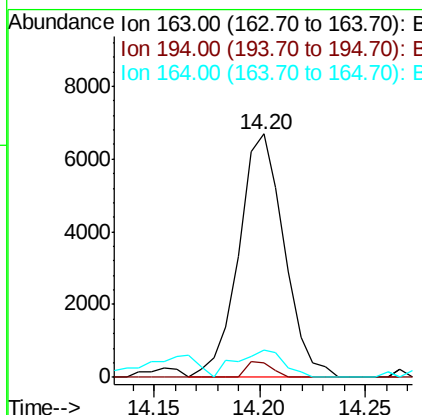
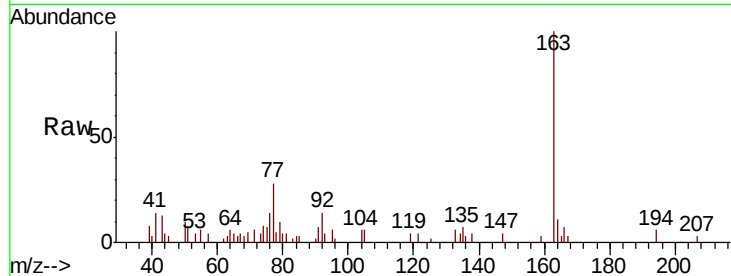
#45
Dimethylphthalate
Concen: 1.339 ng/ul
RT: 14.20 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG048282.D
Acq: 23 Feb 2021 00:09

Instrument :
BNA_G
ClientSampleId :
DBG0MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.0	4.4#
164	11.0	8.9	13.3

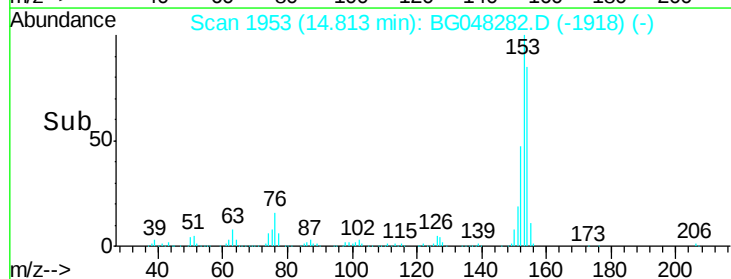
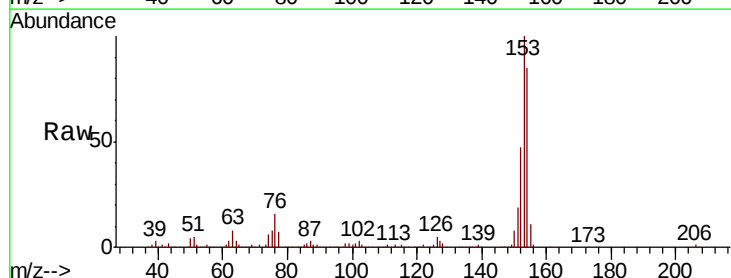
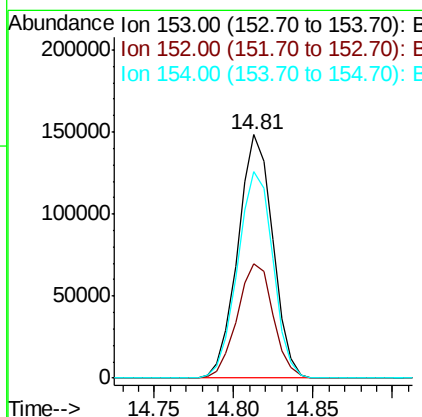
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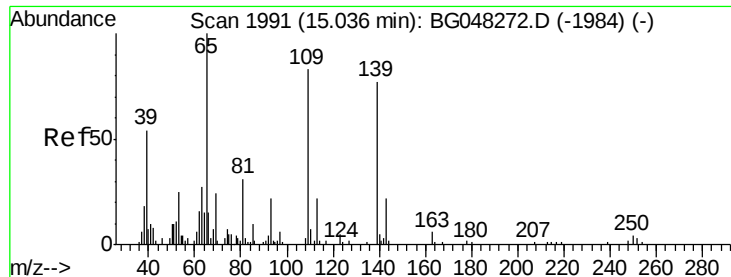
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#50
Acenaphthene
Concen: 38.452 ng/ul
RT: 14.81 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BG048282.D
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	34.6	52.0
154	84.9	62.9	94.3





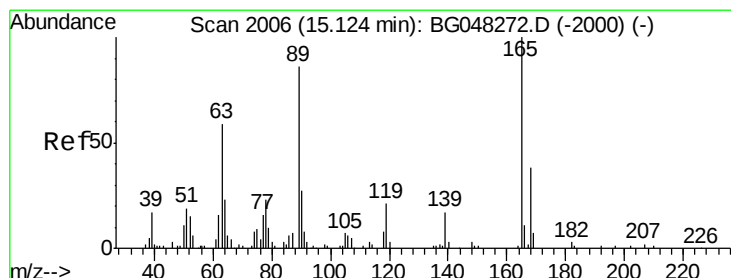
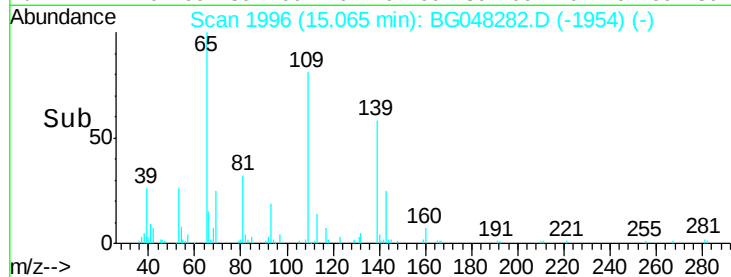
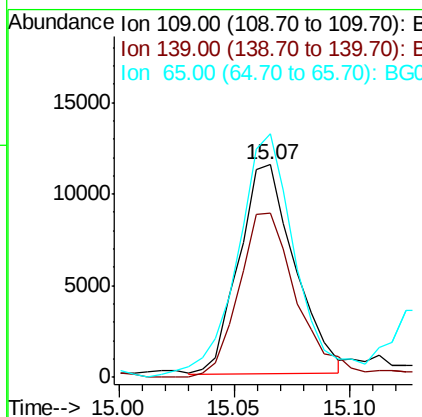
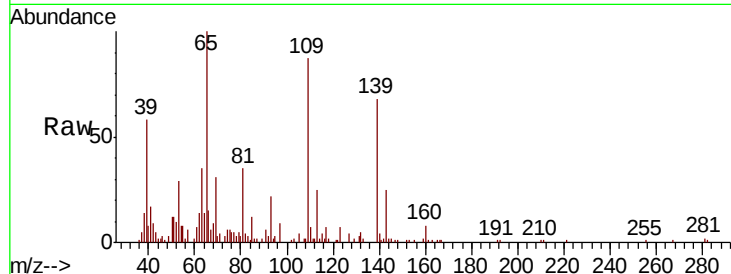
#53
4-Nitrophenol
Concen: 13.933 ng/ul
RT: 15.07 min Scan# 1996
Delta R.T. 0.05 min
Lab File: BG048282.D
Acq: 23 Feb 2021 00:09

Instrument :
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ClientSampleId :
DBGTMMSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	77.6	75.3	112.9
65	114.7	104.5	156.7

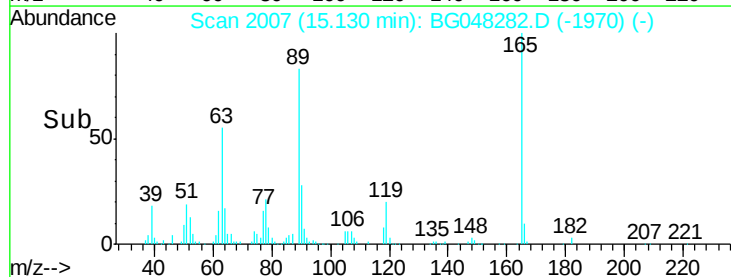
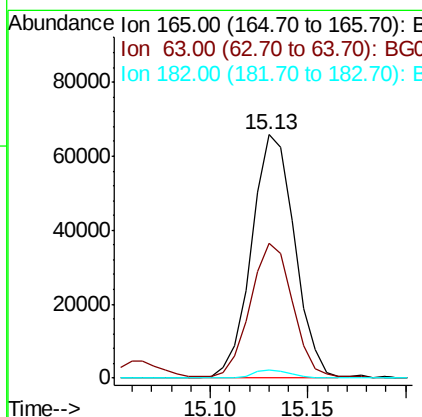
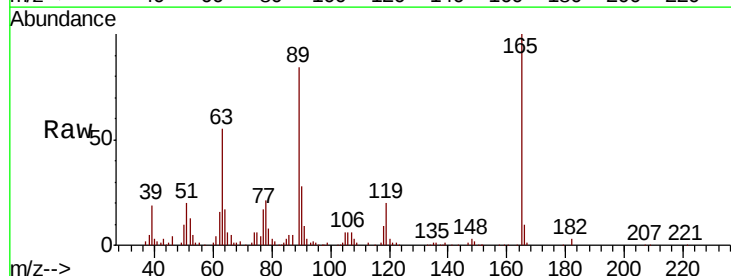
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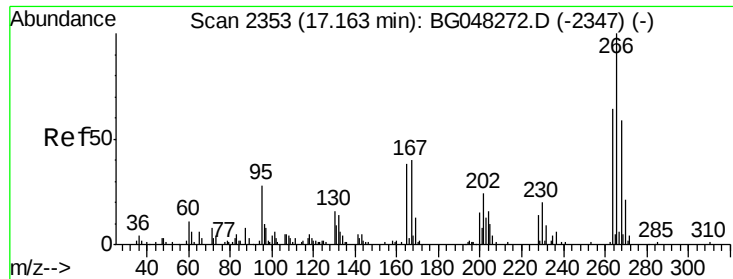
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#55
2,4-Dinitrotoluene
Concen: 44.842 ng/ul
RT: 15.13 min Scan# 2007
Delta R.T. 0.02 min
Lab File: BG048282.D
Acq: 23 Feb 2021 00:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.2	42.2	63.2
182	3.3	2.9	4.3





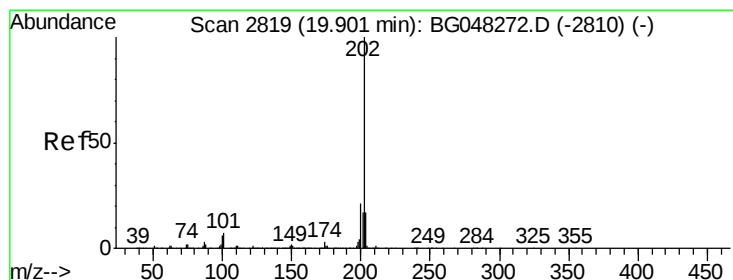
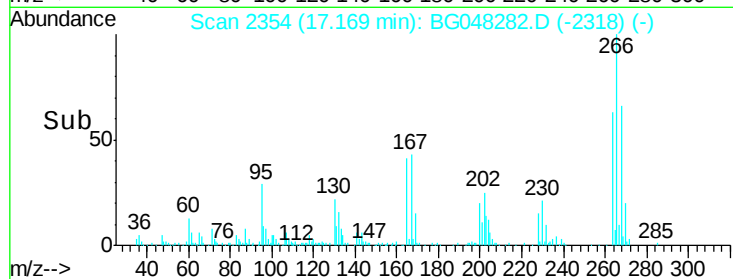
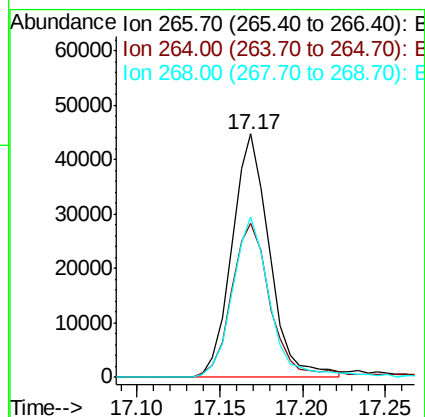
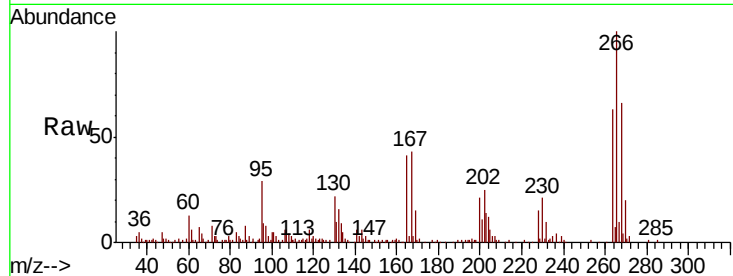
#69
 Pentachlorophenol
 Concen: 43.405 ng/ul m
 RT: 17.17 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: BG048282.D
 Acq: 23 Feb 2021 00:09

Instrument :
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 ClientSampleId :
 DBG0TMSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.3	51.0	76.6
268	65.8	42.7	64.1

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#80
 Pyrene
 Concen: 42.683 ng/ul
 RT: 19.91 min Scan# 2820
 Delta R.T. 0.01 min
 Lab File: BG048282.D
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.1	9.1
100	6.6	5.4	8.2

