

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022221\
 Data File : BG048281.D
 Acq On : 22 Feb 2021 23:29
 Operator : CG/JU
 Sample : M1429-15MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 DBGTOMS

Manual Integrations
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Quant Time: Feb 23 02:05:22 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	8.11	152	30592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	123603	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.75	164	92422	20.00	ng/ul	0.01
62) Phenanthrene-d10	17.50	188	224973	20.00	ng/ul	0.01
78) Chrysene-d12	21.78	240	224518	20.00	ng/ul	0.01
86) Perylene-d12	25.09	264	217547	20.00	ng/ul	0.02

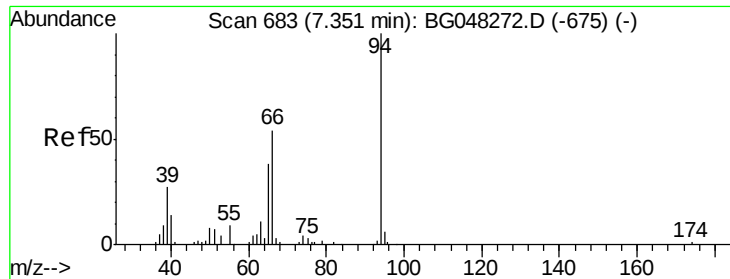
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.51	96	5683m	7.74	ng/uL	0.00
5) Phenol-d5	7.35	99	30583	11.86	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.44	67	59253	38.59	ng/ul	0.01
9) 2-Chlorophenol-d4	7.68	132	57912	32.01	ng/ul	0.02
13) 4-Methylphenol-d8	8.88	113	43437m	21.48	ng/ul	0.03
19) Nitrobenzene-d5	9.30	128	37662	40.79	ng/ul	0.02
22) 2-Nitrophenol-d4	10.02	143	45003	40.30	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	80794	36.94	ng/ul	0.02
29) 4-Chloroaniline-d4	11.09	131	4761	2.20	ng/ul	0.02
44) Dimethylphthalate-d6	14.15	166	292022	42.66	ng/ul	0.01
47) Acenaphthylene-d8	14.45	160	329387	39.36	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	14973	12.87	ng/ul	0.05
58) Fluorene-d10	15.74	176	260708	42.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.88	200	55871	40.51	ng/ul	0.01
71) Anthracene-d10	17.60	188	441099	45.73	ng/ul	0.01
79) Pyrene-d10	19.88	212	511351	45.61	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.86	264	509429	45.90	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.38	94	28665	10.771	ng/ul	94
10) 2-Chlorophenol	7.71	128	55618	29.058	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.93	70	68322	37.362	ng/ul	96
28) Naphthalene	10.99	128	804617	129.060	ng/ul	95
33) 4-Chloro-3-methylphenol	12.28	107	90253	38.960	ng/ul	97
34) 2-Methylnaphthalene	12.59	142	110362	23.289	ng/ul	98
45) Dimethylphthalate	14.20	163	8631	1.220	ng/ul#	93
50) Acenaphthene	14.81	153	207586	36.955	ng/ul	90
53) 4-Nitrophenol	15.07	109	17454	13.291	ng/ul	90
55) 2,4-Dinitrotoluene	15.14	165	90950	42.543	ng/ul#	99
69) Pentachlorophenol	17.17	266	65571	41.661	ng/ul	93
80) Pyrene	19.91	202	576436	41.324	ng/ul	99

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



#6

Phenol

Concen: 10.771 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. 0.04 min

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Instrument :

BNA_G

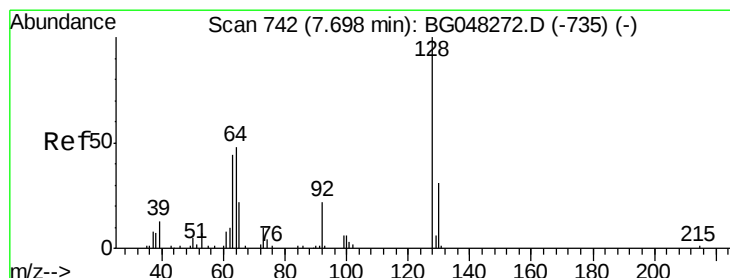
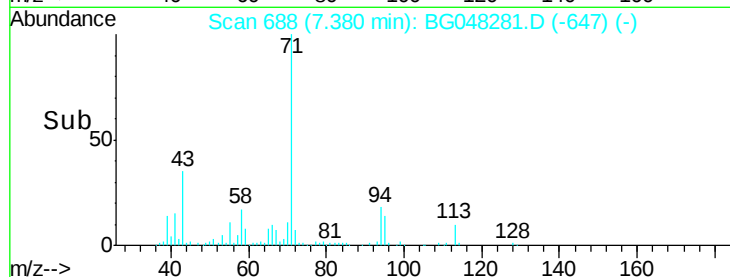
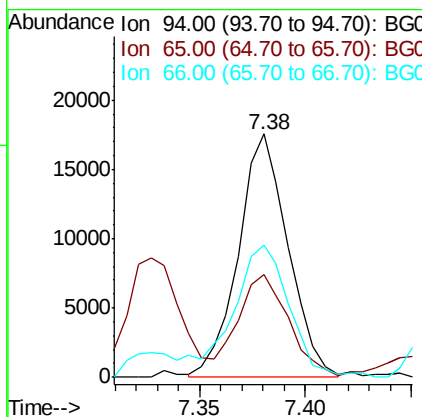
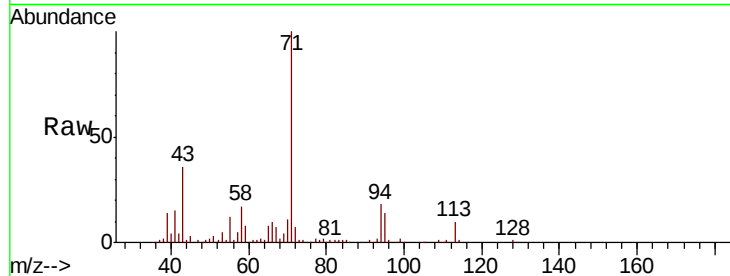
ClientSampleId :

DBGTOMS

Tot Ion:	94	Resp:	28665
Ion	Ratio	Lower	Upper
94	100		
65	42.2	31.0	46.6
66	54.2	46.8	70.2

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#10

2-Chlorophenol

Concen: 29.058 ng/ul

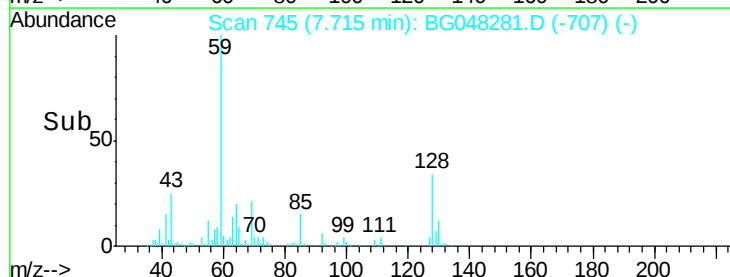
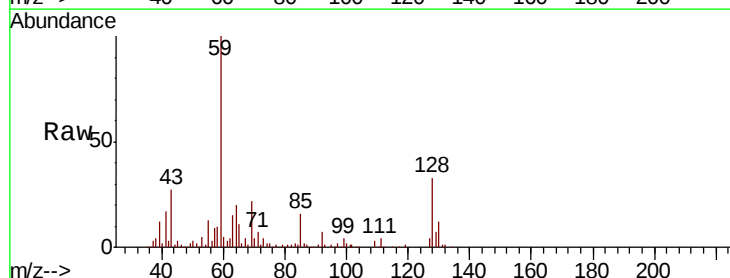
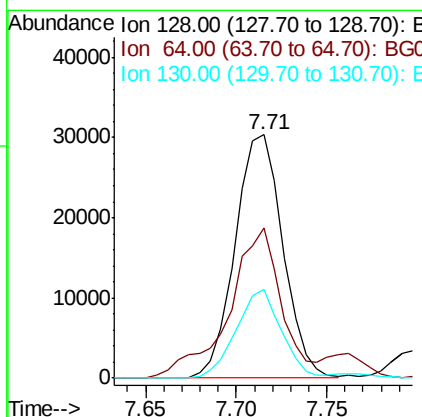
RT: 7.71 min Scan# 745

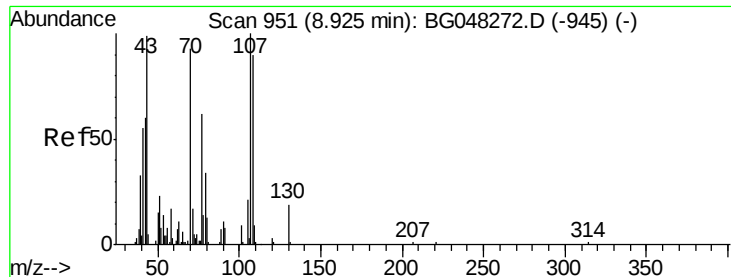
Delta R.T. 0.02 min

Lab File: BG048281.D

Acq: 22 Feb 2021 23:29

Tgt Ion:	128	Resp:	55618
Ion	Ratio	Lower	Upper
128	100		
64	61.8	42.8	64.2
130	36.2	23.8	35.8#





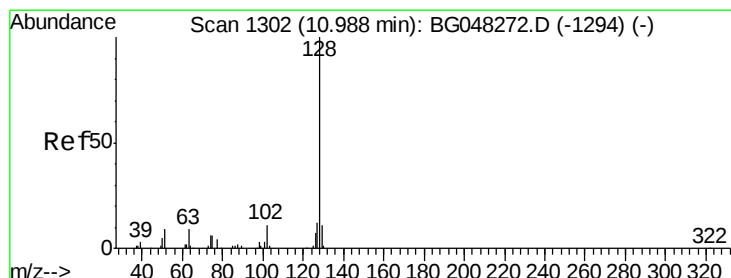
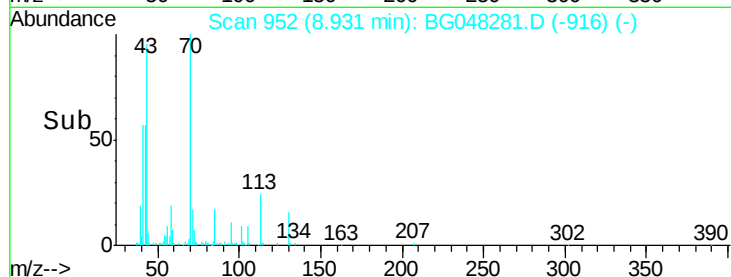
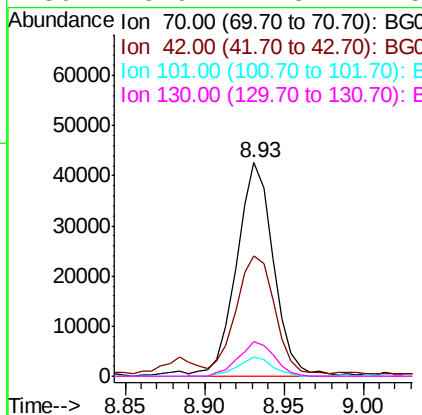
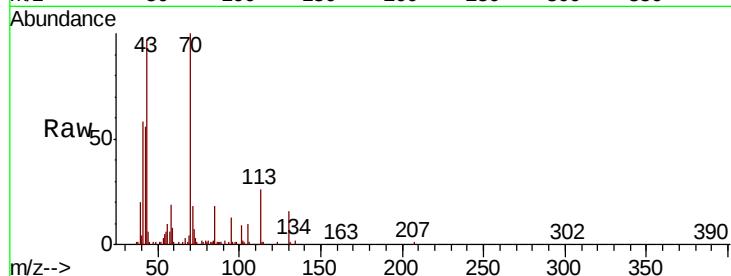
#15
N-Nitroso-di-n-propylamine
Concen: 37.362 ng/ul
RT: 8.93 min Scan# 952
Delta R.T. 0.01 min
Lab File: BG048281.D
Acq: 22 Feb 2021 23:29

Instrument :
BNA_G
ClientSampleId :
DBGTOMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	48.0	72.0	
101	9.1	7.6	11.4	
130	15.9	14.3	21.5	

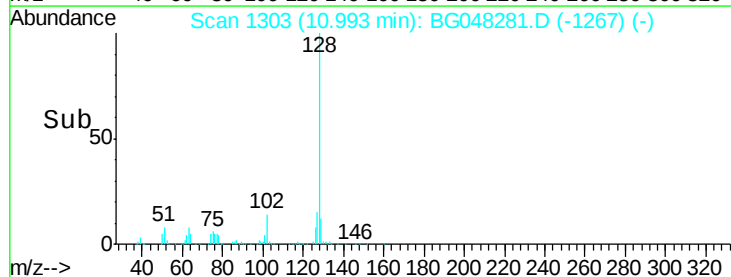
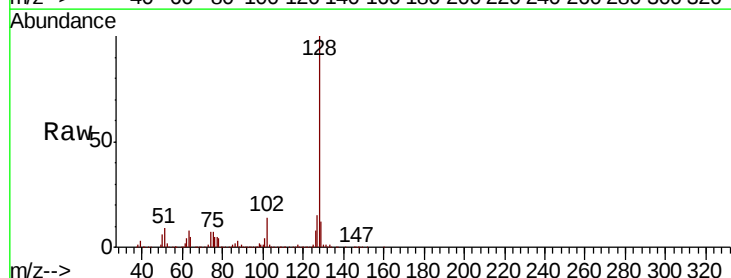
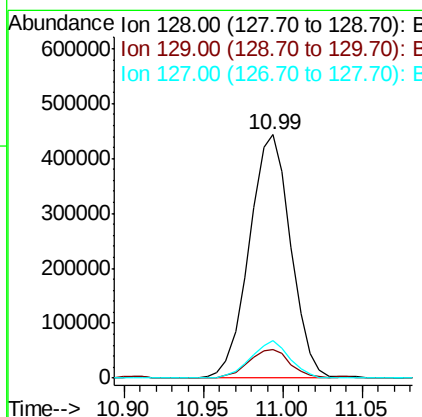
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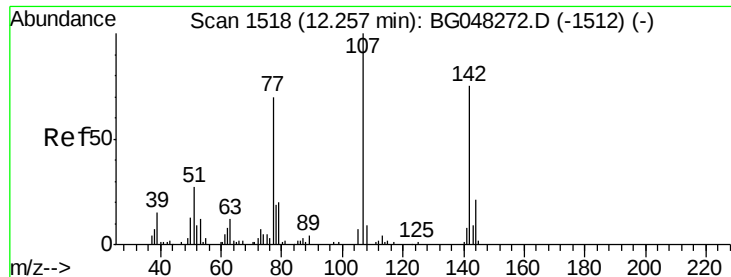
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#28
Naphthalene
Concen: 129.060 ng/ul
RT: 10.99 min Scan# 1303
Delta R.T. 0.01 min
Lab File: BG048281.D
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Tgt Ion	Ion	Ratio	Lower	Upper
128	100			
129	11.9	10.4	15.6	
127	15.2	10.2	15.2	





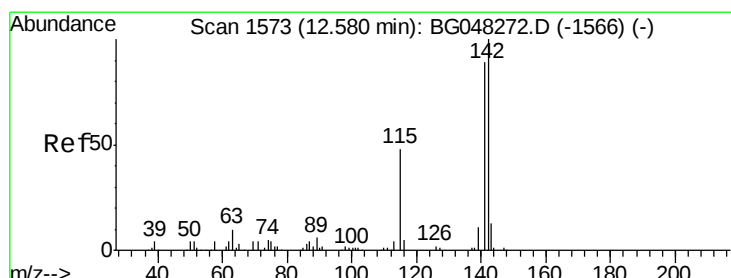
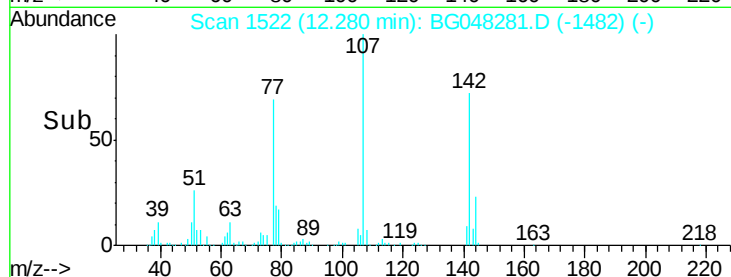
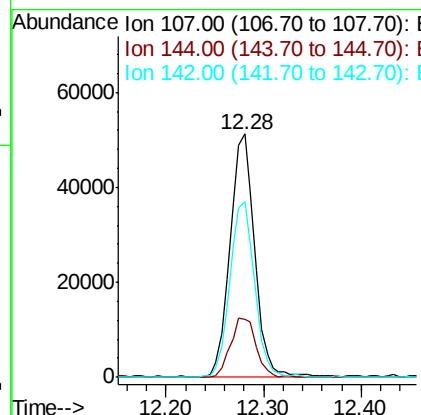
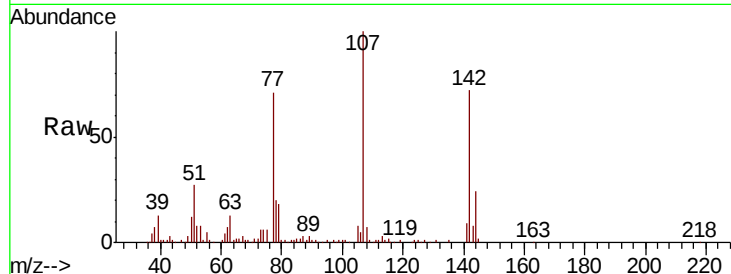
#33
4-Chloro-3-methylphenol
Concen: 38.960 ng/ul
RT: 12.28 min Scan# 1522
Delta R.T. 0.03 min
Lab File: BG048281.D
Acq: 22 Feb 2021 23:29

Instrument :
BNA_G
ClientSampleId :
DBGTOMS

Tot Ion	Ratio	Lower	Upper
107	100		
144	23.7	20.6	31.0
142	72.2	59.3	88.9

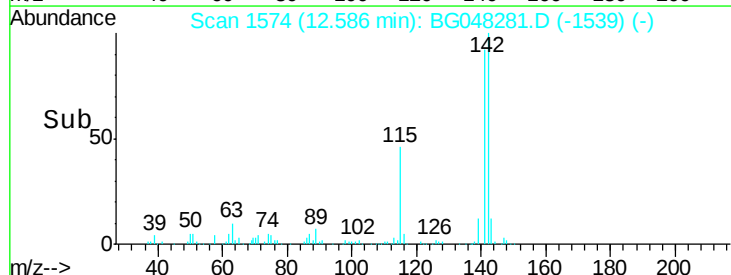
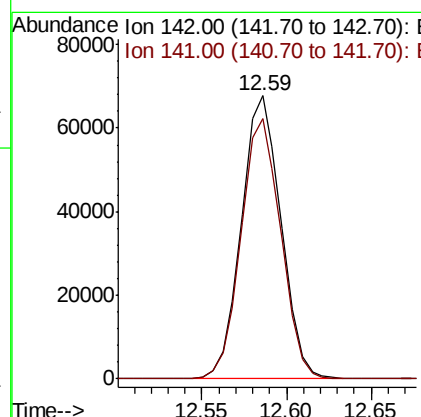
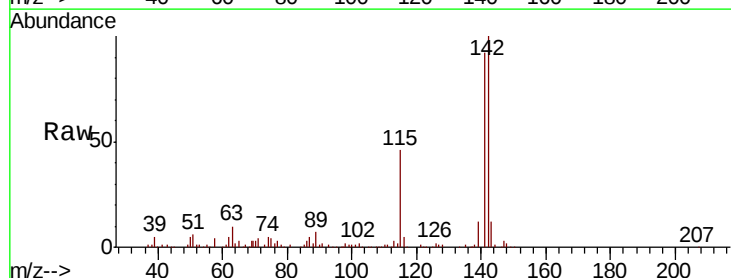
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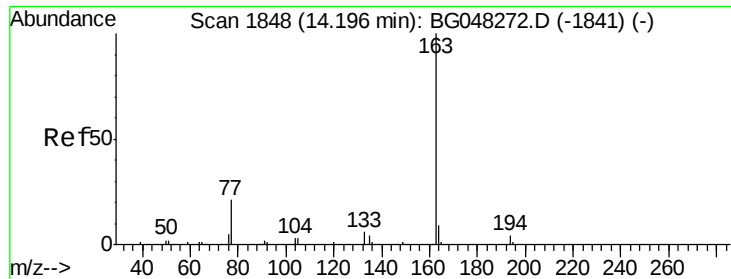
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#34
2-Methylnaphthalene
Concen: 23.289 ng/ul
RT: 12.59 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BG048281.D
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Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	72.2	108.4





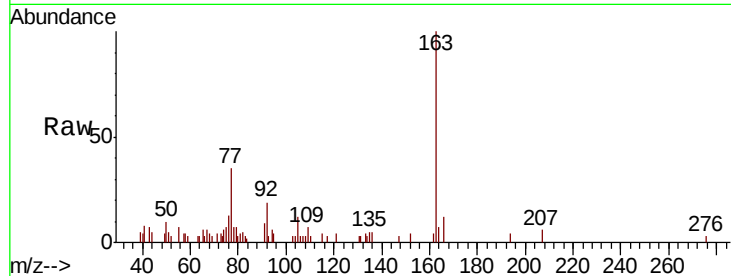
#45
Dimethylphthalate
Concen: 1.220 ng/ul
RT: 14.20 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BG048281.D
Acq: 22 Feb 2021 23:29

Instrument :
BNA_G
ClientSampleId :
DBGTOMS

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.4
164	7.4	8.9	13.3#

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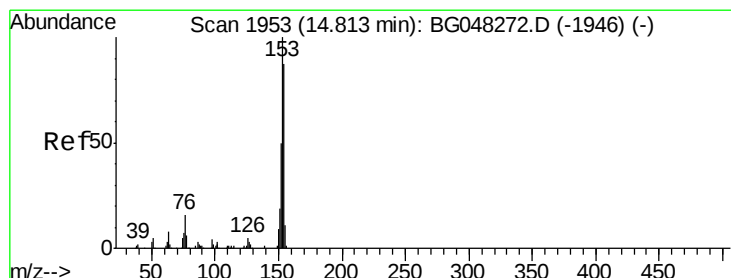
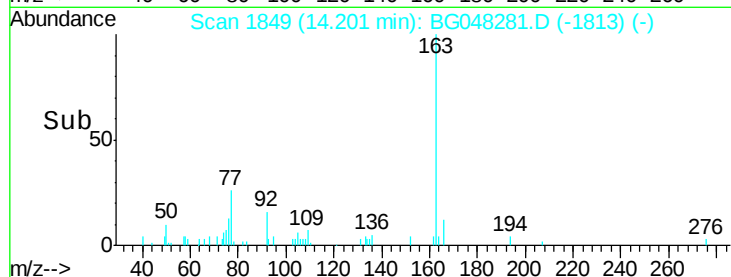
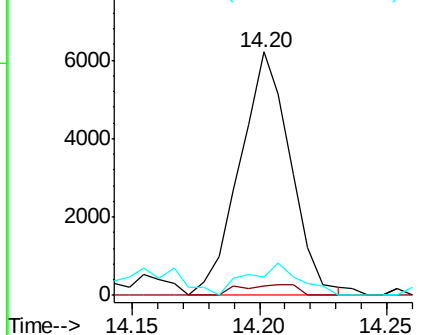


Abundance

Ion 163.00 (162.70 to 163.70): E

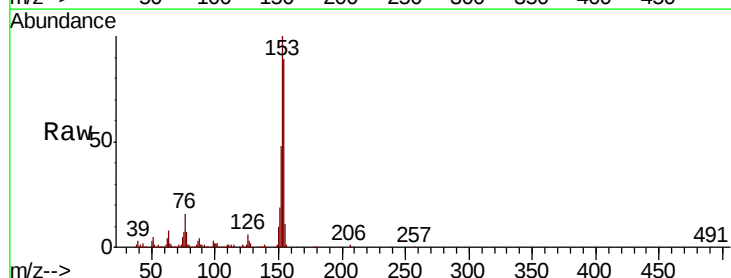
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 36.955 ng/ul
RT: 14.81 min Scan# 1953
Delta R.T. 0.01 min
Lab File: BG048281.D
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Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.7	34.6	52.0
154	89.3	62.9	94.3

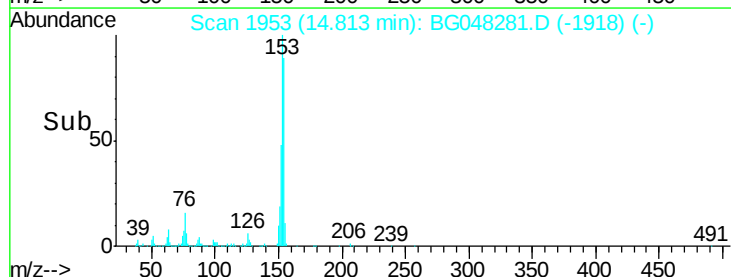
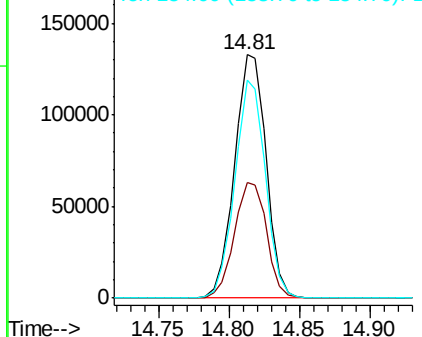


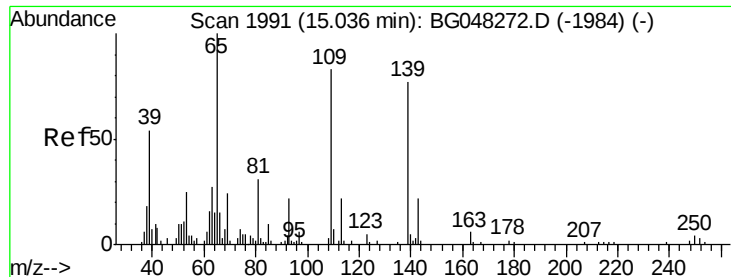
Abundance

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





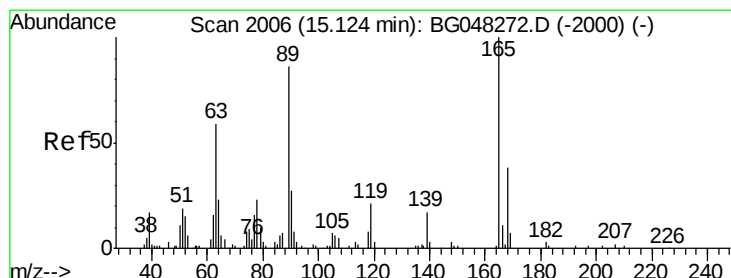
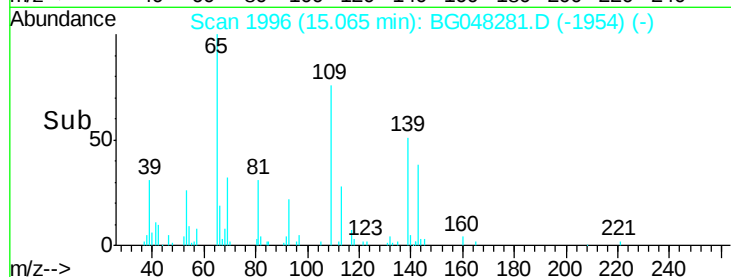
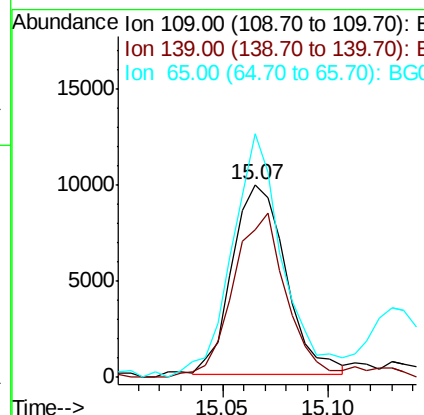
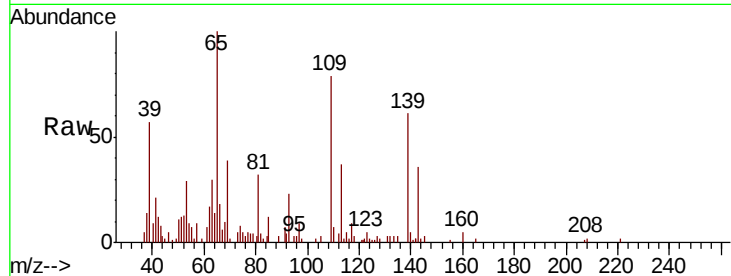
#53
4-Nitrophenol
Concen: 13.291 ng/ul
RT: 15.07 min Scan# 1996
Delta R.T. 0.05 min
Lab File: BG048281.D
Acq: 22 Feb 2021 23:29

Instrument :
BNA_G
ClientSampleId :
DBGTOMS

Tot Ion	Ratio	Lower	Upper
109	100		
139	76.5	75.3	112.9
65	126.3	104.5	156.7

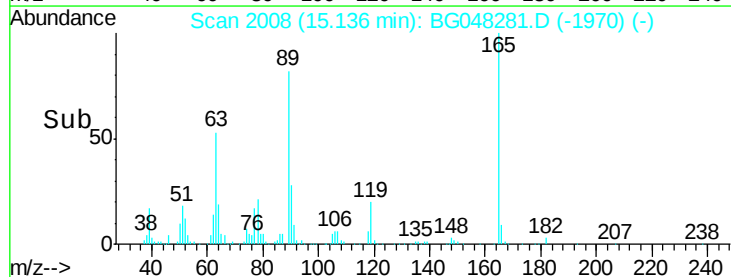
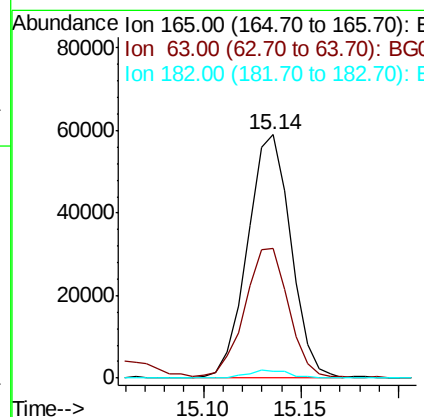
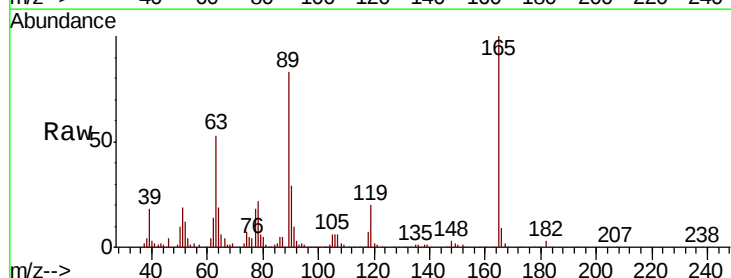
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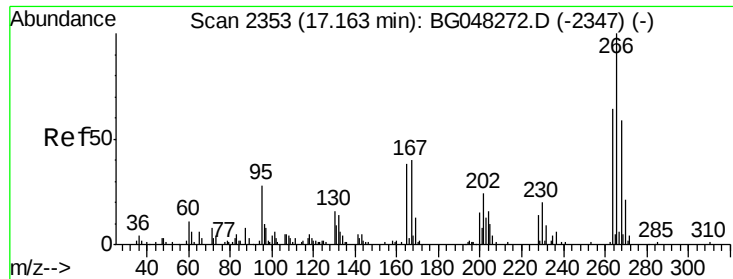
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#55
2,4-Dinitrotoluene
Concen: 42.543 ng/ul
RT: 15.14 min Scan# 2008
Delta R.T. 0.02 min
Lab File: BG048281.D
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	53.1	42.2	63.2
182	2.8	2.9	4.3#





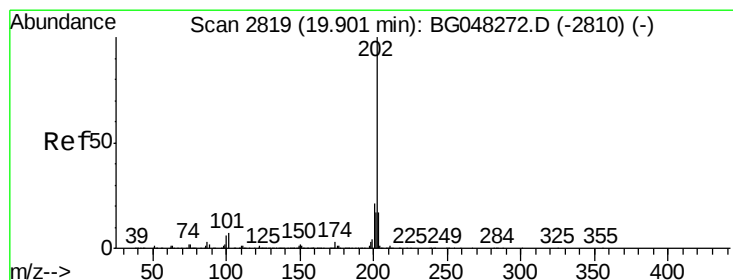
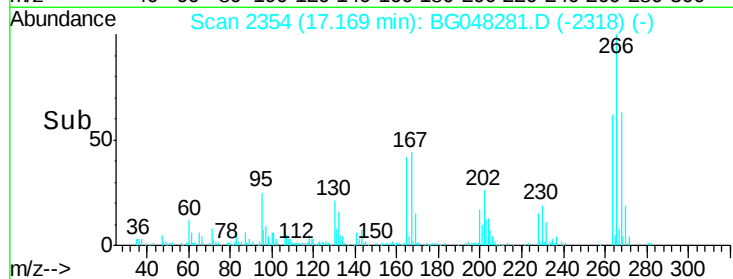
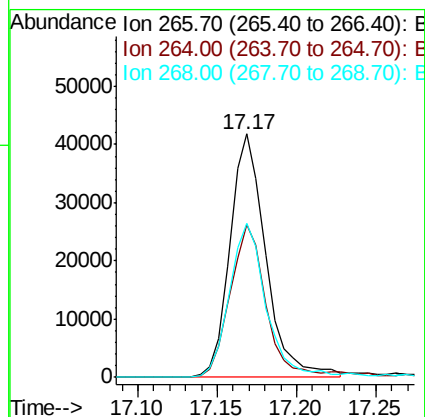
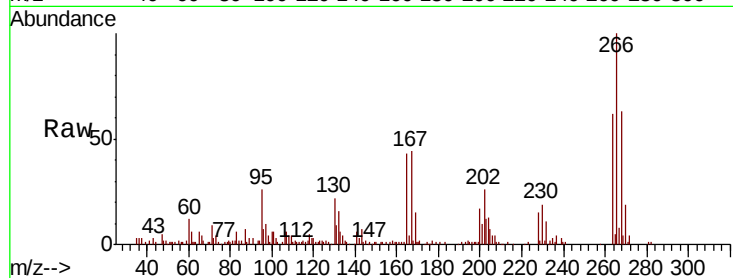
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 Pentachlorophenol
 Concen: 41.661 ng/ul
 RT: 17.17 min Scan# 2354
 Delta R.T. 0.01 min
 Lab File: BG048281.D
 Acq: 22 Feb 2021 23:29

Instrument :
 BNA_G
 ClientSampleId :
 DBG0TOMS

Tot Ion:	266	Resp:	65571
Ion Ratio	Lower	Upper	
266	100		
264	62.5	51.0	76.6
268	63.2	42.7	64.1

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#80
 Pyrene
 Concen: 41.324 ng/ul
 RT: 19.91 min Scan# 2820
 Delta R.T. 0.01 min
 Lab File: BG048281.D
 Acq: 22 Feb 2021 23:29

Tgt Ion:	202	Resp:	576436
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.1	9.1
100	6.3	5.4	8.2

