

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111419\
 Data File : BG043636.D
 Acq On : 14 Nov 2019 16:35
 Operator : JU
 Sample : K5826-07MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Manual Integrations
 APPROVED

mohammad
 11/15/2019 6:00:29 PM

Quant Time: Nov 15 04:13:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	35277	20.00	ng	-0.01
21) Naphthalene-d8	10.80	136	138692	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	97624	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	237826	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	255256	20.00	ng	-0.01
87) Perylene-d12	24.82	264	303713	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	191079	99.26	ng	0.00
7) Phenol-d6	7.20	99	272862	98.51	ng	0.00
23) Nitrobenzene-d5	9.16	82	163098	60.63	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	162209	87.31	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	429436	60.78	ng	-0.02
79) Terphenyl-d14	19.99	244	835268	61.39	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	20831	27.767	ng	# 89
3) Pyridine	3.86	79	55943	29.561	ng	96
4) n-Nitrosodimethylamine	3.78	42	32107	33.622	ng	96
6) Aniline	7.33	93	50417	15.801	ng	96
8) 2-Chlorophenol	7.58	128	78462	36.921	ng	97
9) Benzaldehyde	7.14	77	35255	25.900	ng	94
10) Phenol	7.22	94	109151	43.125	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	63746	32.576	ng	96
12) 1,3-Dichlorobenzene	7.88	146	84411	31.703	ng	99
13) 1,4-Dichlorobenzene	8.03	146	85532	31.750	ng	99
14) 1,2-Dichlorobenzene	8.35	146	82573	31.393	ng	96
15) Benzyl Alcohol	8.25	79	67515	34.708	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.52	45	87273	30.672	ng	97
17) 2-Methylphenol	8.46	107	66441	36.009	ng	93
18) Hexachloroethane	9.08	117	30007	30.874	ng	97
19) n-Nitroso-di-n-propylamine	8.80	70	55633	31.083	ng	93
20) 3+4-Methylphenols	8.80	107	87199	34.464	ng	# 89
22) Acetophenone	8.82	105	110849	31.210	ng	96
24) Nitrobenzene	9.20	77	85080	33.199	ng	# 97
25) Isophorone	9.72	82	157866	32.097	ng	99
26) 2-Nitrophenol	9.92	139	43233	34.943	ng	# 93
27) 2,4-Dimethylphenol	9.99	122	72416	40.837	ng	100
28) bis(2-Chloroethoxy)methane	10.20	93	85479	31.489	ng	96
29) 2,4-Dichlorophenol	10.47	162	81591	35.910	ng	92
30) 1,2,4-Trichlorobenzene	10.66	180	90008	31.431	ng	99
31) Naphthalene	10.85	128	238206	33.836	ng	98
32) Benzoic acid	10.18	122	35639	30.408	ng	93
33) 4-Chloroaniline	10.98	127	28883	10.009	ng	98
34) Hexachlorobutadiene	11.14	225	65787	31.077	ng	90
35) Caprolactam	11.74	113	23775m	30.383	ng	
36) 4-Chloro-3-methylphenol	12.11	107	84548	34.115	ng	94
37) 2-Methylnaphthalene	12.45	142	181222	33.550	ng	97
38) 1-Methylnaphthalene	12.68	142	170642	33.202	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	115459	31.957	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	102798	54.164	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	72373	34.015	nq	94
44) 2,4,5-Trichlorophenol	13.16	196	76532	35.579	nq	92
46) 1,1'-Biphenyl	13.46	154	239136	32.199	nq	96
47) 2-Chloronaphthalene	13.51	162	184284	32.612	nq	99
48) 2-Nitroaniline	13.72	65	56164	33.255	nq	97
49) Acenaphthylene	14.35	152	301968	34.336	nq	99
50) Dimethylphthalate	14.08	163	301655	39.893	nq	97
51) 2,6-Dinitrotoluene	14.20	165	54625	33.252	nq	98
52) Acenaphthene	14.69	154	177254	33.050	nq	95
53) 3-Nitroaniline	14.55	138	27391	17.270	nq	# 97
54) 2,4-Dinitrophenol	14.75	184	49078	50.770	nq	98
55) Dibenzofuran	15.03	168	296735	34.118	nq	97
56) 4-Nitrophenol	14.89	139	73770	69.407	nq	91
57) 2,4-Dinitrotoluene	15.00	165	76795	32.711	nq	98
58) Fluorene	15.67	166	243044	33.318	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	74473	32.587	nq	95
60) Diethylphthalate	15.44	149	242320	31.893	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	139363	32.749	nq	98
62) 4-Nitroaniline	15.71	138	50026	30.541	nq	93
63) Azobenzene	15.96	77	209540	34.077	nq	98
65) 4,6-Dinitro-2-methylphenol	15.76	198	43920	31.380	nq	90
66) n-Nitrosodiphenylamine	15.89	169	216116	32.187	nq	95
67) 4-Bromophenyl-phenylether	16.56	248	96851	30.260	nq	96
68) Hexachlorobenzene	16.68	284	111580	30.371	nq	97
69) Atrazine	16.83	200	94919	40.683	nq	98
70) Pentachlorophenol	17.04	266	89516	53.473	nq	99
71) Phenanthrene	17.42	178	395307	32.459	nq	100
72) Anthracene	17.51	178	408519	33.527	nq	98
73) Carbazole	17.78	167	363668	32.958	nq	97
74) Di-n-butylphthalate	18.33	149	430674	32.168	nq	99
75) Fluoranthene	19.43	202	523478	32.971	nq	99
77) Benzidine	19.61	184	268308	52.229	nq	98
78) Pyrene	19.79	202	534835	33.850	nq	100
80) Butylbenzylphthalate	20.67	149	196510	32.828	nq	93
81) Benzo(a)anthracene	21.62	228	553936	34.645	nq	97
82) 3,3'-Dichlorobenzidine	21.54	252	115642	18.699	nq	97
83) Chrysene	21.68	228	535019	33.678	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	295396	34.739	nq	98
85) Di-n-octyl phthalate	22.71	149	509321	35.305	nq	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	698183	35.012	nq	99
88) Benzo(b)fluoranthene	23.81	252	589719	34.283	nq	97
89) Benzo(k)fluoranthene	23.88	252	588775	34.000	nq	98
90) Benzo(a)pyrene	24.67	252	545036	33.181	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	592955	35.292	nq	99
92) Benzo(g,h,i)perylene	29.59	276	588386	35.503	nq	99

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



#1

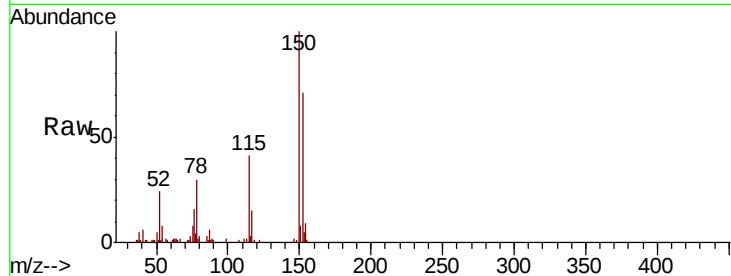
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.3	129.4	194.0
115	58.2	48.8	73.2

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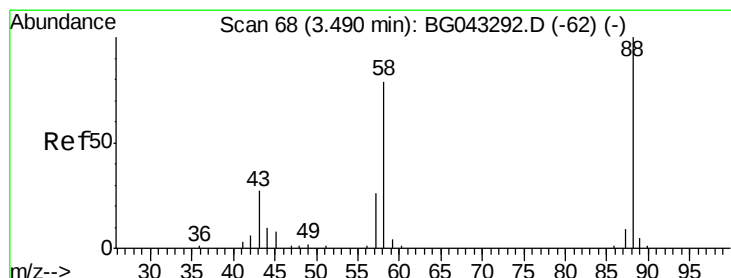
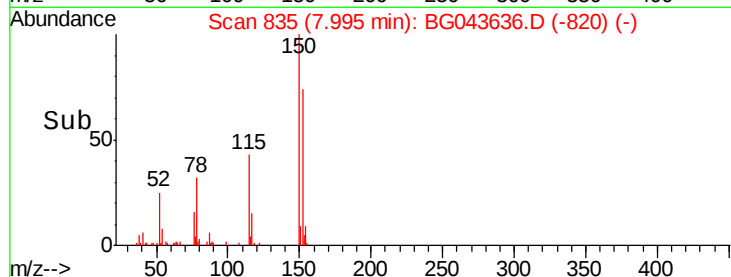
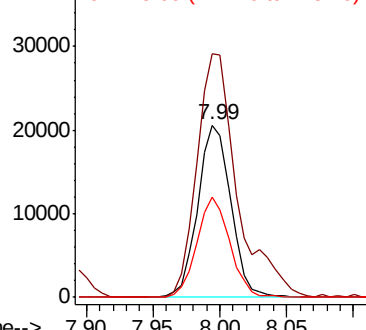


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

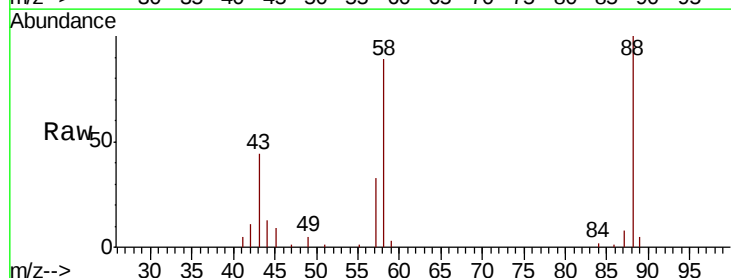
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.767 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.0	62.7	94.1
43	40.4	23.7	35.5

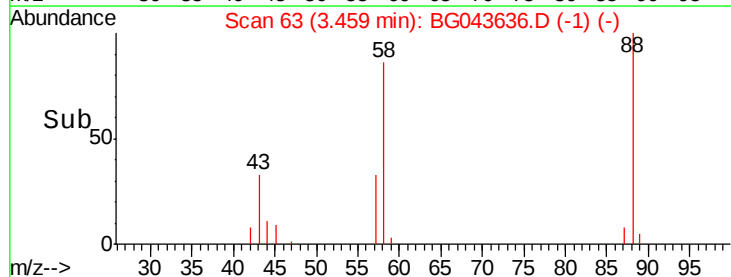
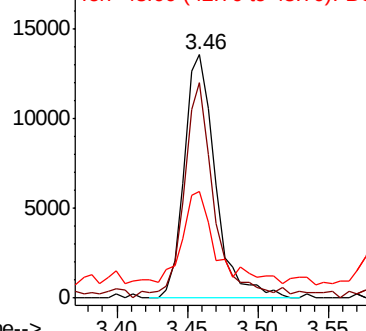


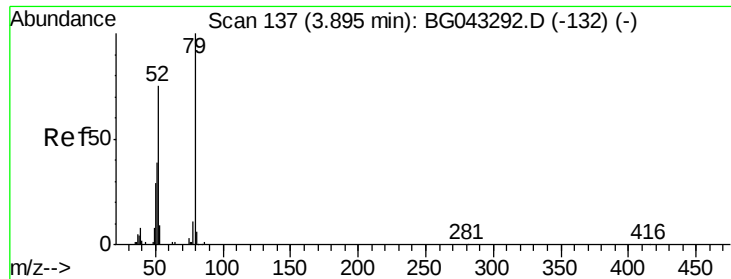
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 29.561 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

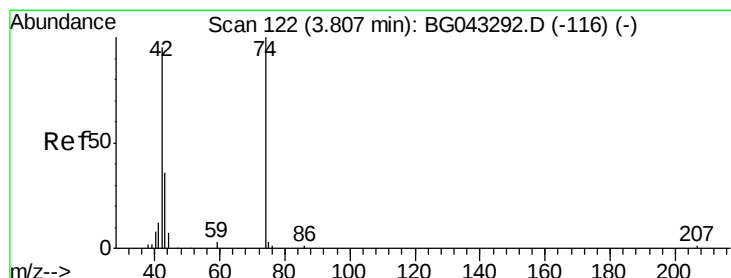
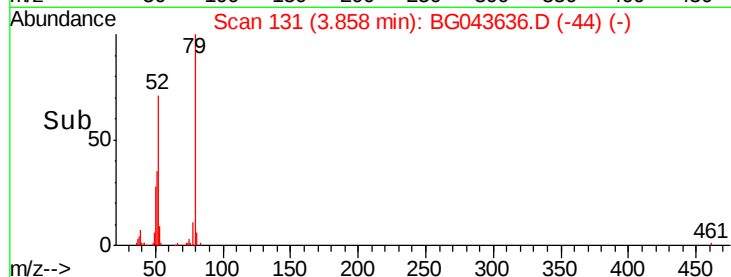
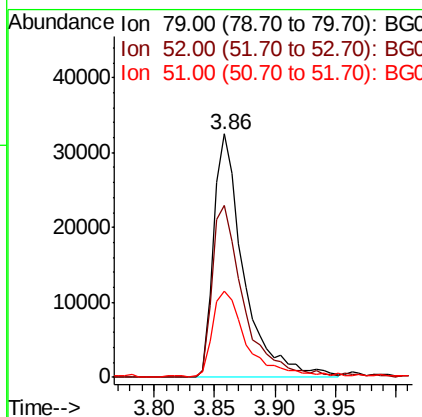
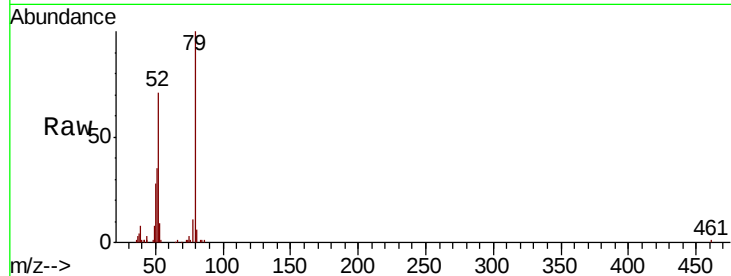
ClientSampleId :

TP-14B-SMS

Tot Ion:	79	Resp:	55943
Ion Ratio	Lower	Upper	
79	100		
52	70.8	56.5	84.7
51	35.3	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 33.622 ng

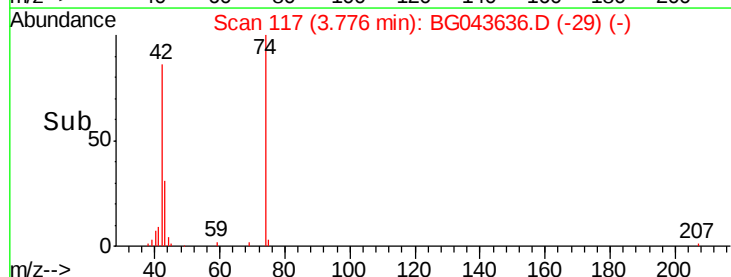
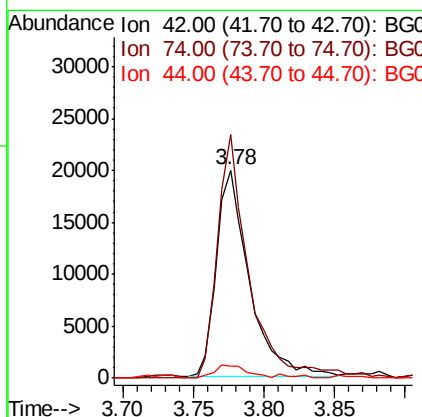
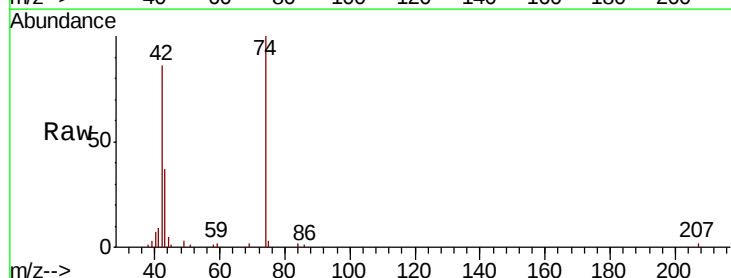
RT: 3.78 min Scan# 117

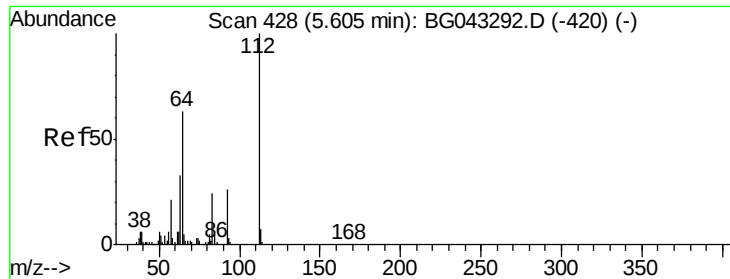
Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	42	Resp:	32107
Ion Ratio	Lower	Upper	
42	100		
74	116.9	97.3	145.9
44	5.7	4.4	6.6





#5

2-Fluorophenol

Concen: 99.255 ng

RT: 5.59 min Scan# 426

Delta R.T. -0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

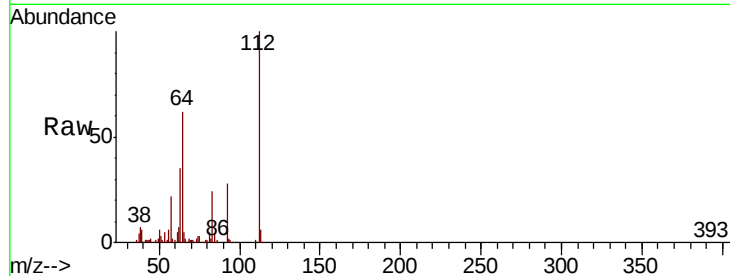
ClientSampled :

TP-14B-SMS

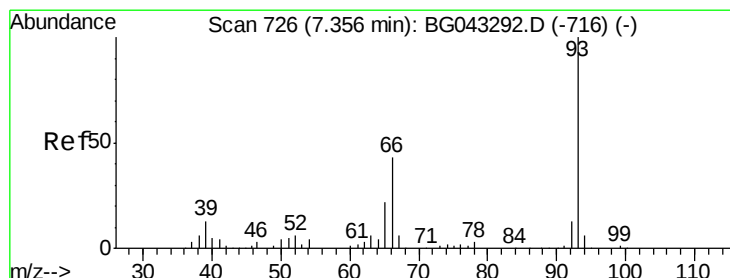
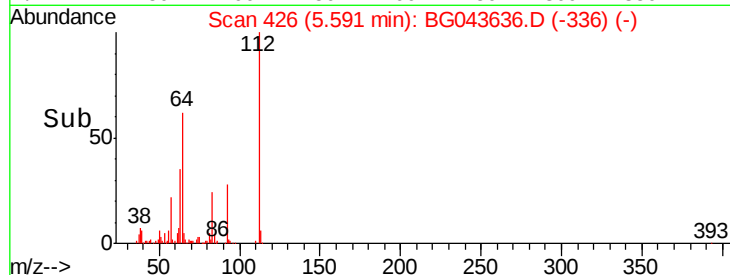
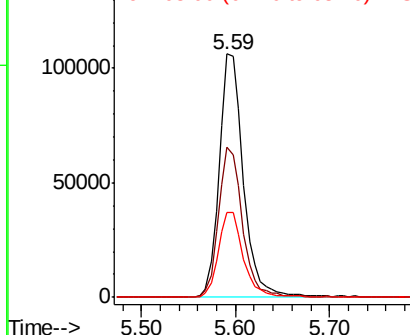
Tot Ion	Ratio	Resp	Lower	Upper
112	100	191079		
64	61.5	50.0	75.0	
63	35.0	26.6	40.0	

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.801 ng

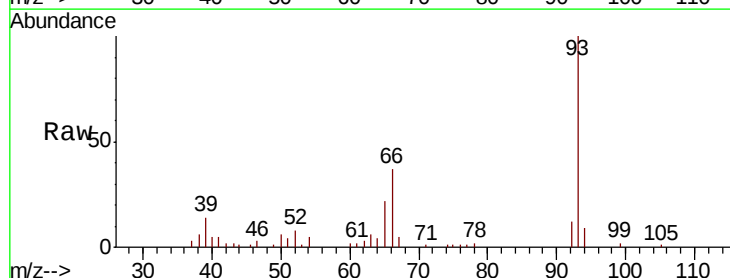
RT: 7.33 min Scan# 722

Delta R.T. -0.01 min

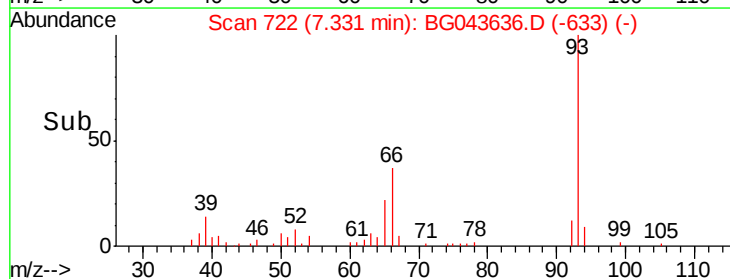
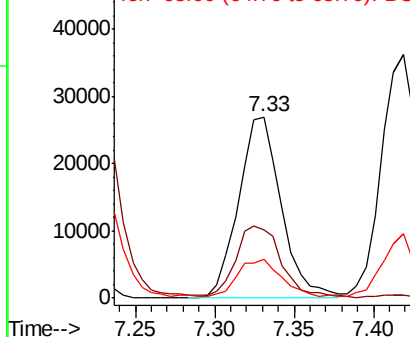
Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	50417		
66	37.4	32.3	48.5	
65	21.7	16.1	24.1	



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.513 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

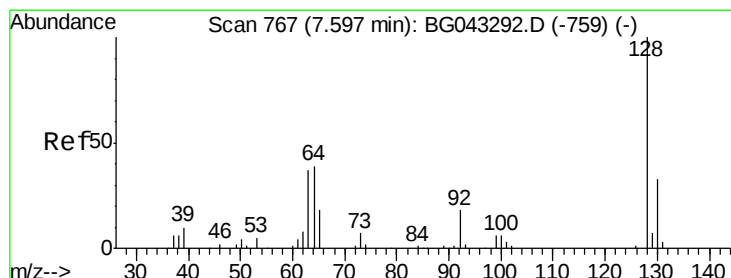
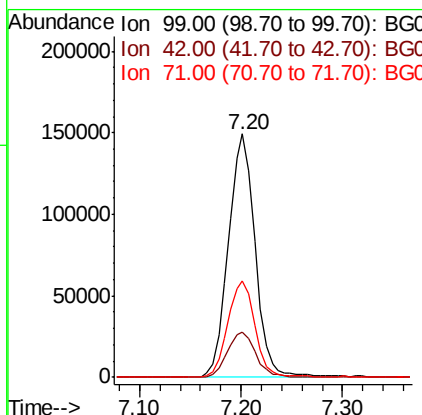
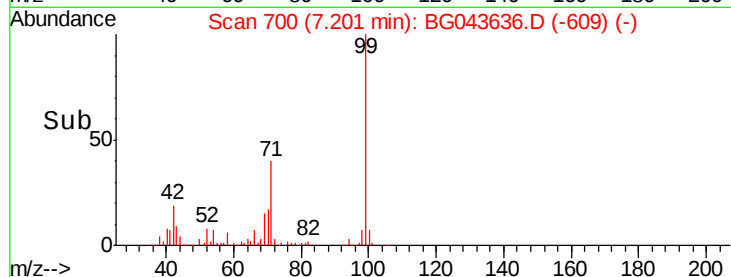
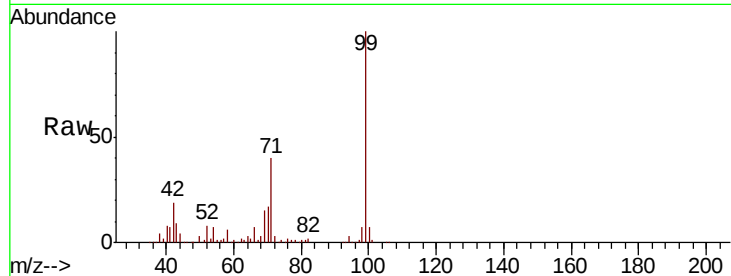
ClientSampleId :

TP-14B-SMS

Tot Ion:	99	Resp:	272862
Ion Ratio	Lower	Upper	
99	100		
42	18.7	14.6	21.8
71	39.6	32.5	48.7

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#8

2-Chlorophenol

Concen: 36.921 ng

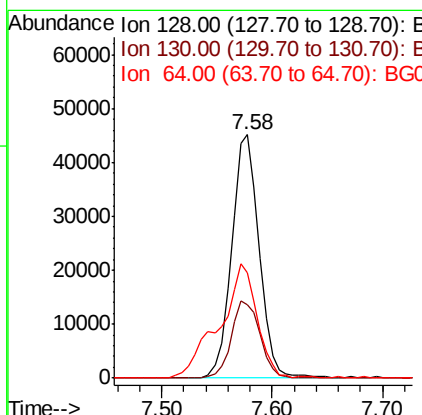
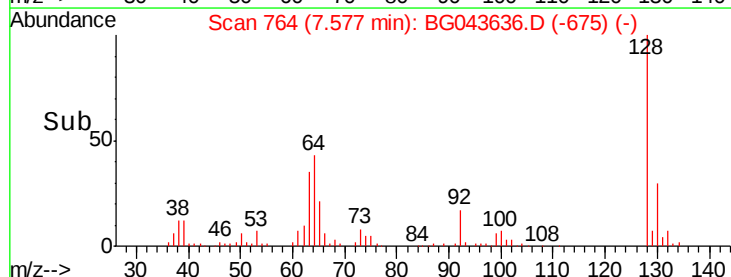
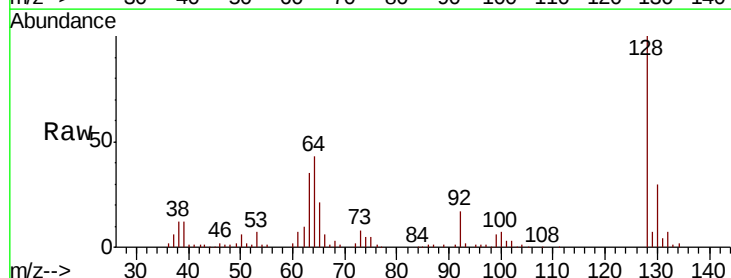
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	128	Resp:	78462
Ion Ratio	Lower	Upper	
128	100		
130	30.2	12.5	52.5
64	43.3	25.3	65.3





#9

Benzaldehyde

Concen: 25.900 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

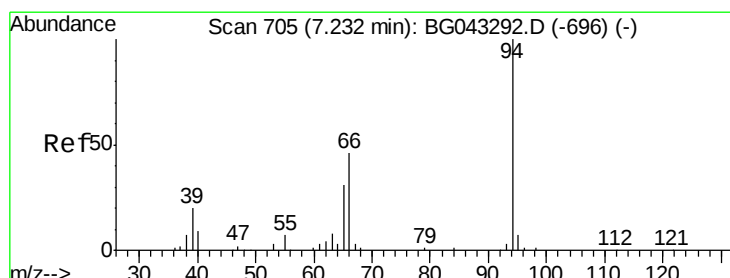
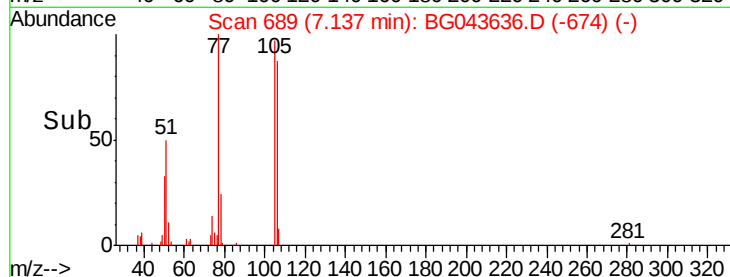
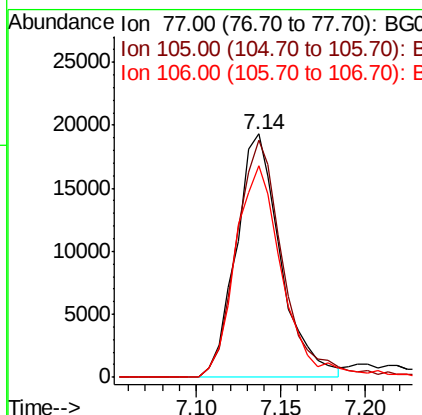
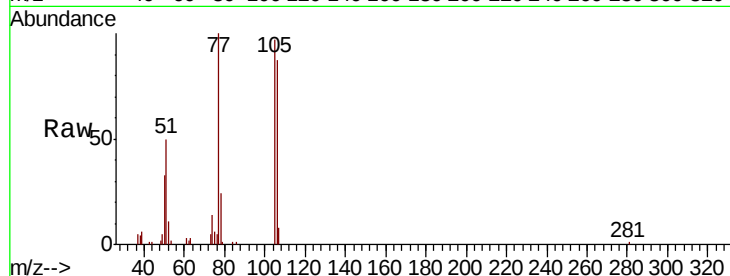
ClientSampled :

TP-14B-SMS

Tot Ion:	77	Resp:	35255
Ion	Ratio	Lower	Upper
77	100		
105	97.4	68.6	108.6
106	86.8	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 43.125 ng

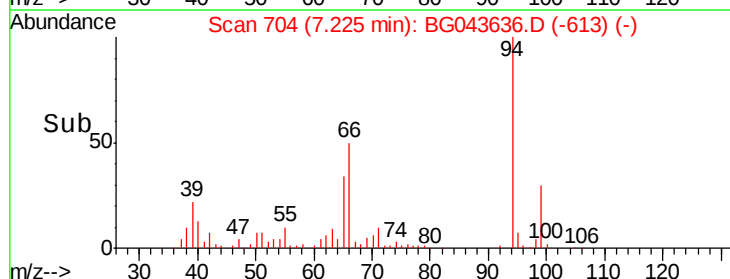
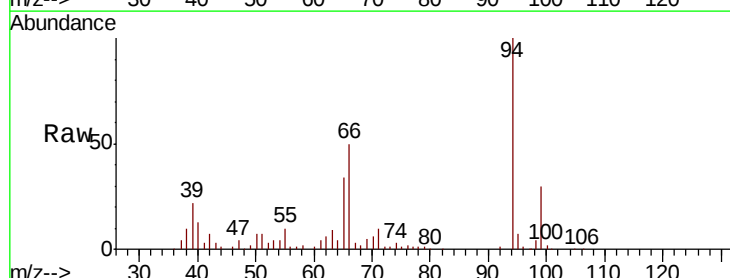
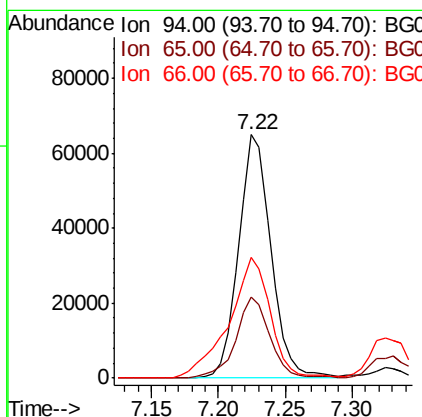
RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	94	Resp:	109151
Ion	Ratio	Lower	Upper
94	100		
65	33.5	12.6	52.6
66	49.8	30.7	70.7





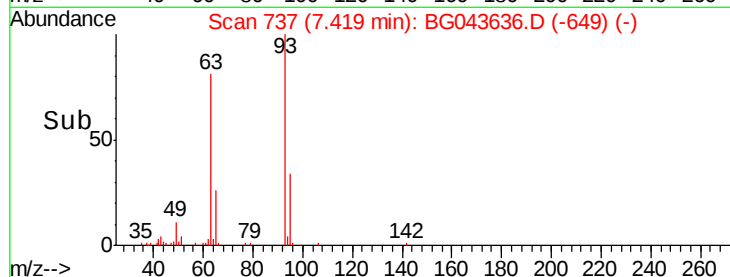
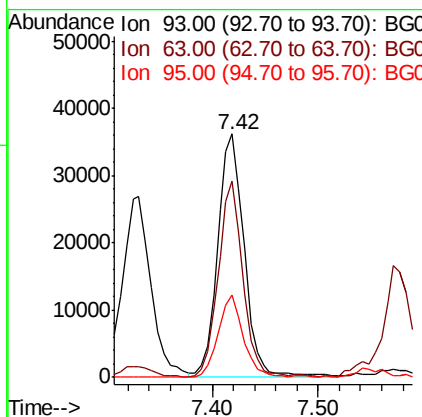
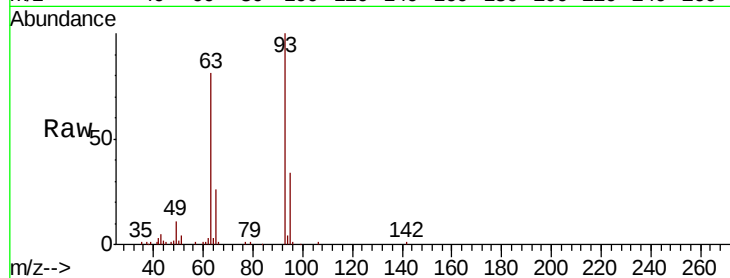
#11
bis(2-Chloroethyl)ether
Concen: 32.576 ng
RT: 7.42 min Scan# 737
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion:	93	Resp:	63746
Ion	Ratio	Lower	Upper
93	100		
63	80.5	56.3	96.3
95	33.9	12.2	52.2

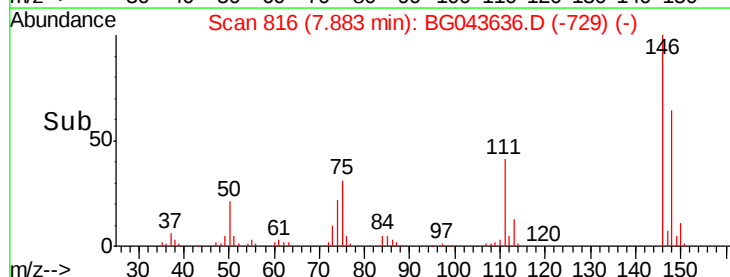
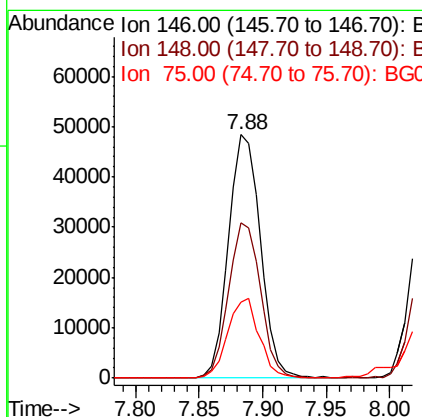
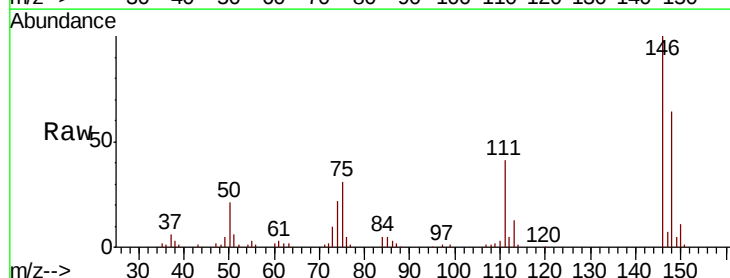
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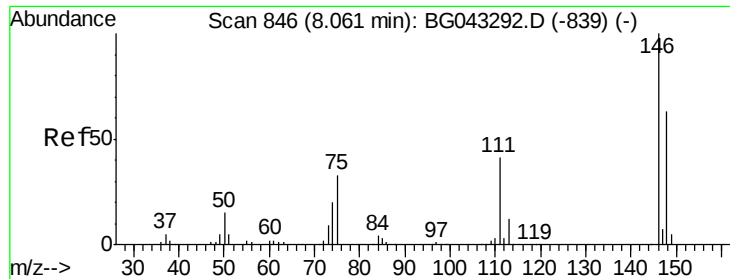
mohammad
11/15/2019 6:00:29 PM



#12
1,3-Dichlorobenzene
Concen: 31.703 ng
RT: 7.88 min Scan# 816
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:	146	Resp:	84411
Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
75	31.3	24.6	37.0





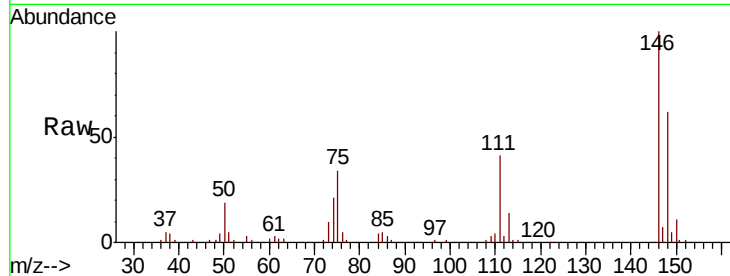
#13
1,4-Dichlorobenzene
Concen: 31.750 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	41.1	33.4	50.2

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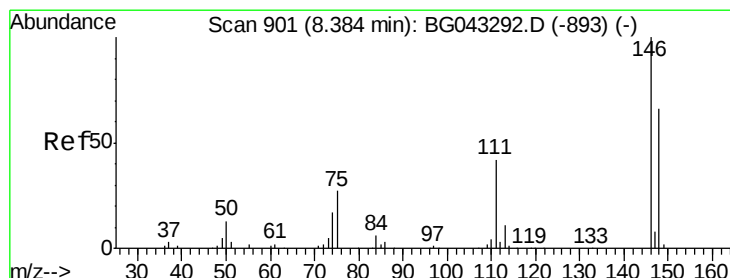
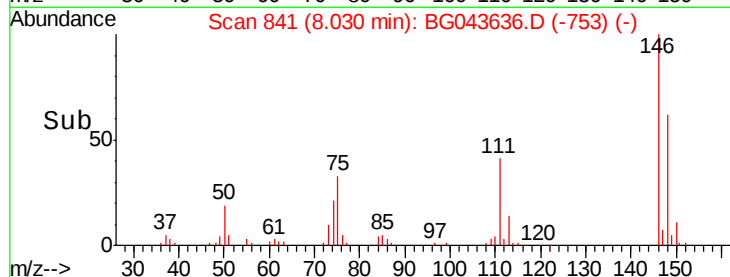
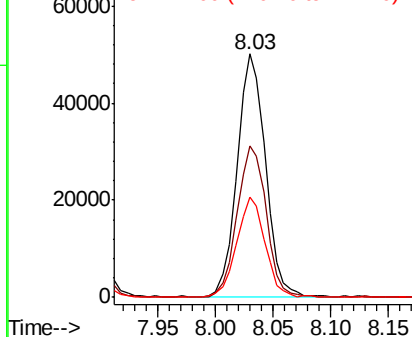


Abundance

Ion 146.00 (145.70 to 146.70): E

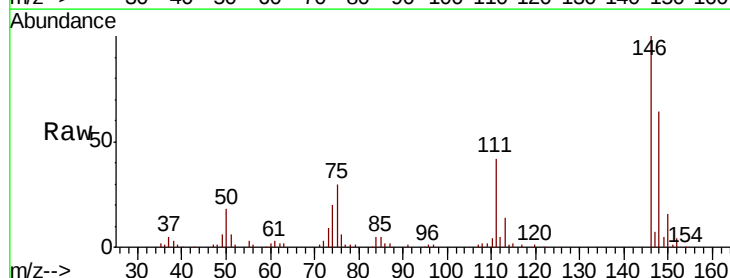
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 31.393 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	53.2	79.8
111	41.9	35.8	53.6

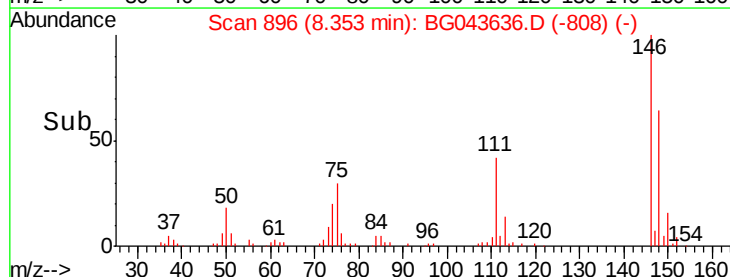
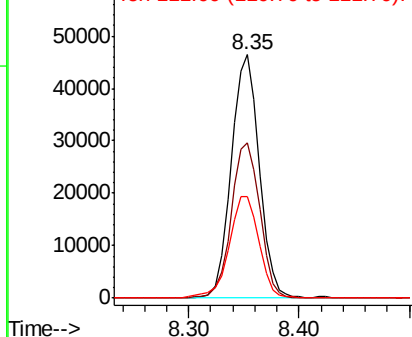


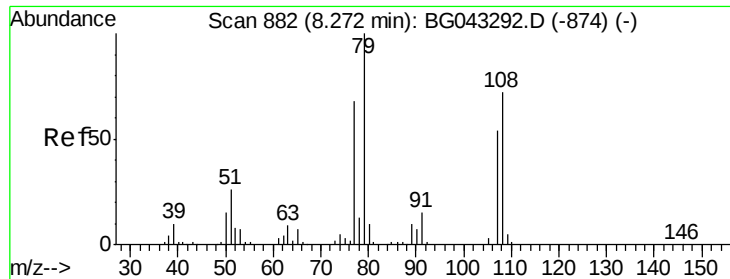
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.708 ng

RT: 8.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

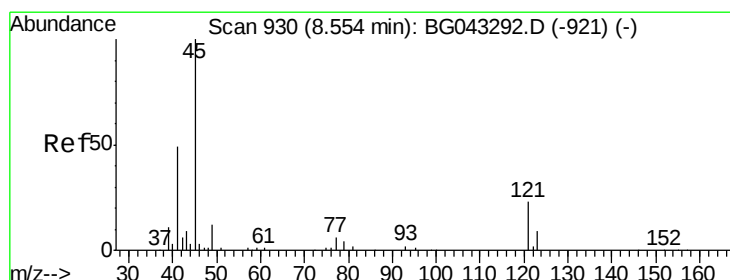
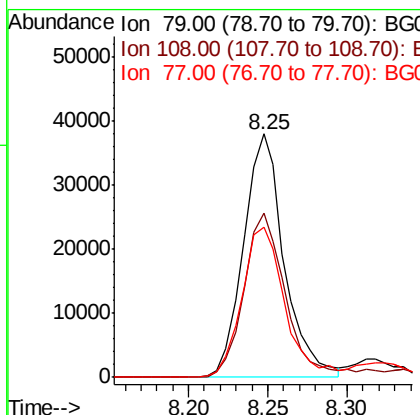
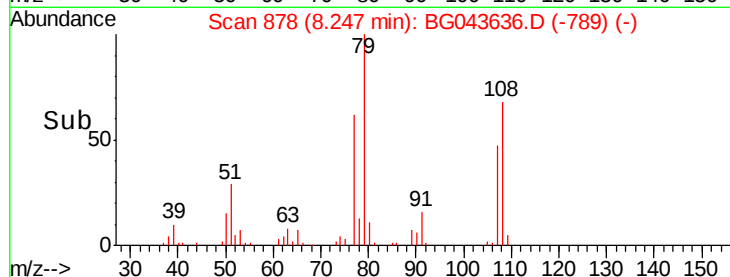
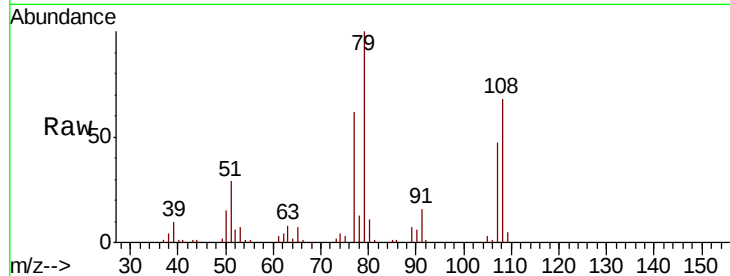
ClientSampleId :

TP-14B-SMS

Tot Ion:	79	Resp:	67515
Ion Ratio	Lower	Upper	
79	100		
108	67.6	53.6	80.4
77	61.9	49.6	74.4

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#16

2,2'-oxybis(1-chloropropane)

Concen: 30.672 ng

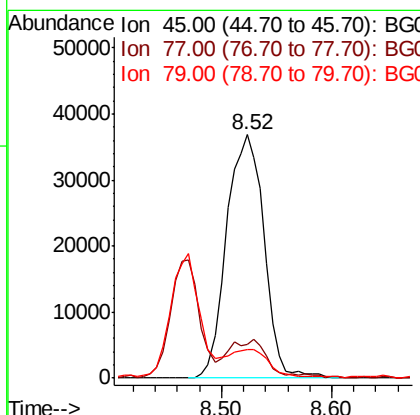
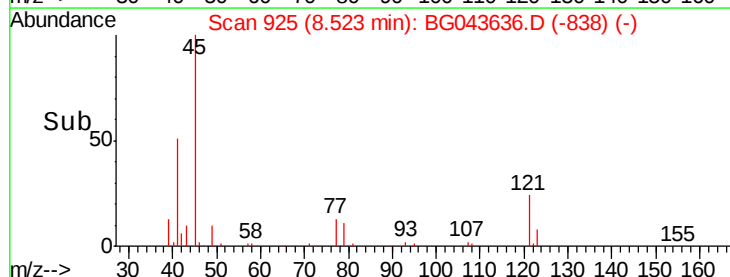
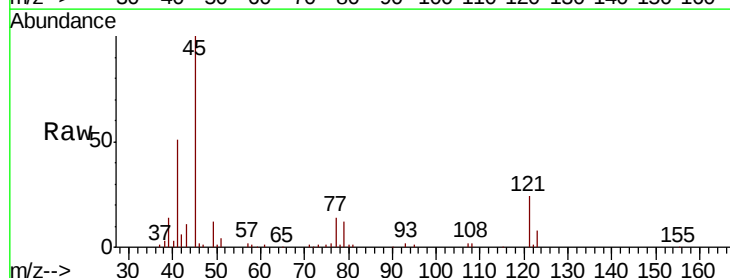
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	45	Resp:	87273
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	34.9
79	11.9	0.0	33.0





#17

2-Methylphenol

Concen: 36.009 ng

RT: 8.46 min Scan# 915

Delta R.T. -0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

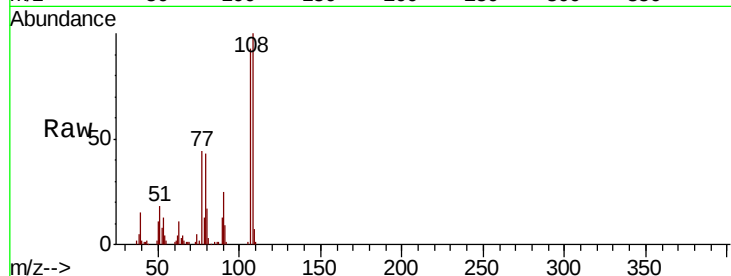
ClientSampleId :

TP-14B-SMS

Tot Ion:	107	Resp:	66441
Ion	Ratio	Lower	Upper
107	100		
108	107.0	90.2	135.4
77	46.9	40.2	60.2
79	45.6	44.0	66.0

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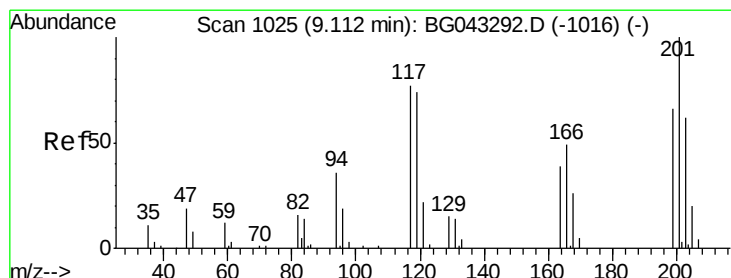
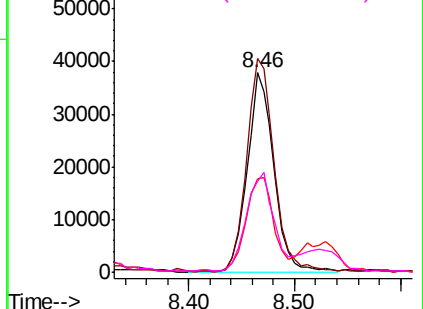
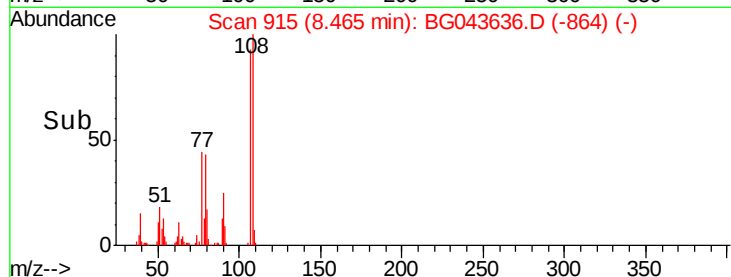
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 30.874 ng

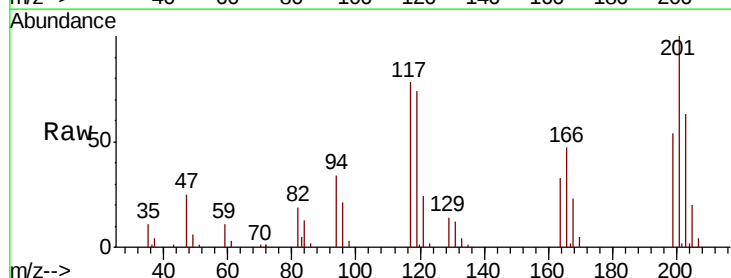
RT: 9.08 min Scan# 1019

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	117	Resp:	30007
Ion	Ratio	Lower	Upper
117	100		
119	95.4	79.0	118.4
201	128.7	105.4	158.2

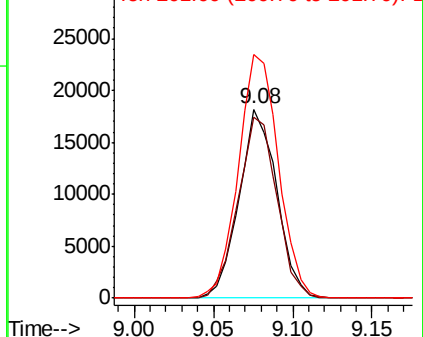
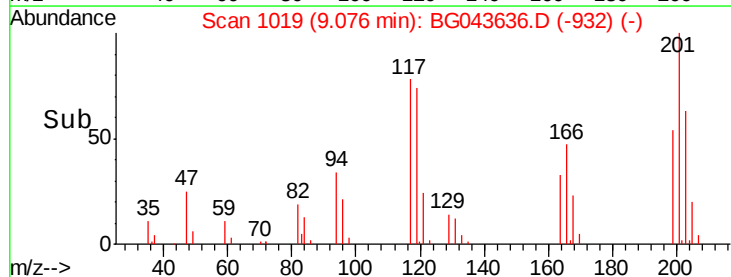


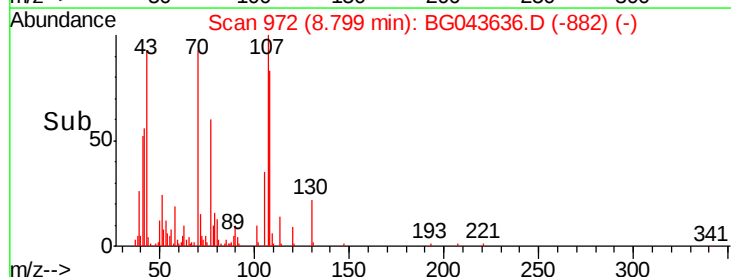
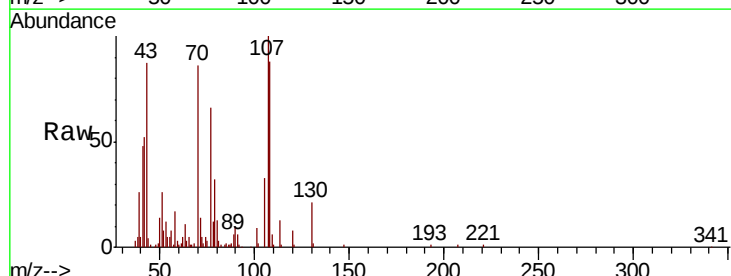
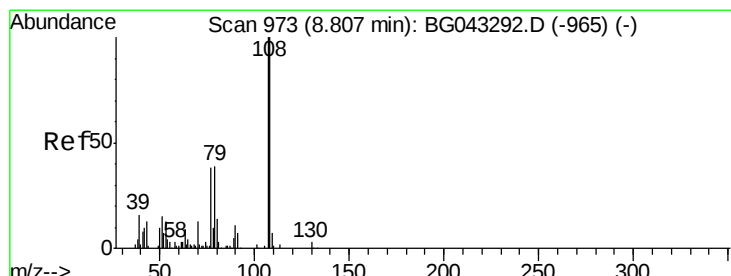
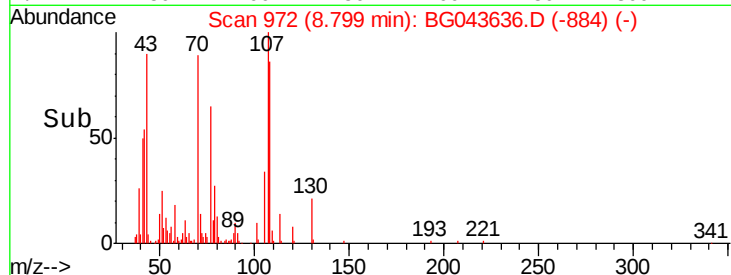
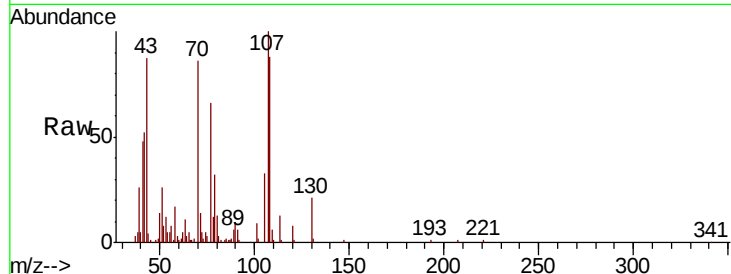
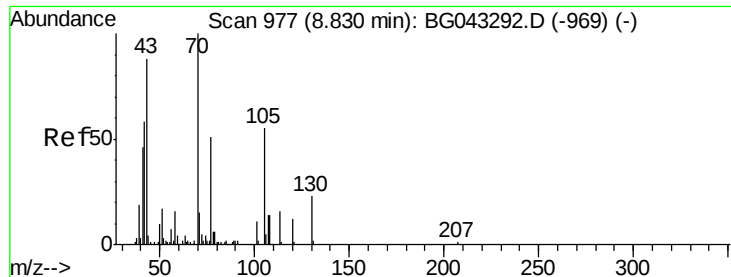
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 31.083 ng

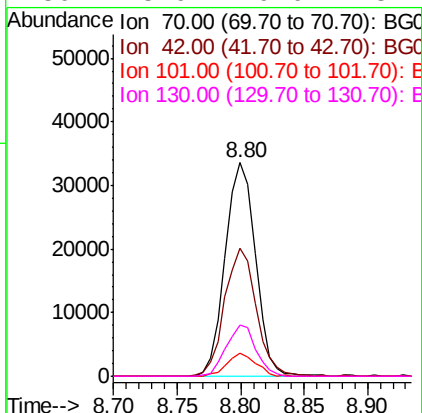
RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.9	41.4	62.2	
101	10.9	7.9	11.9	
130	23.9	19.0	28.4	



Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

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#20

3+4-Methylphenols

Concen: 34.464 ng

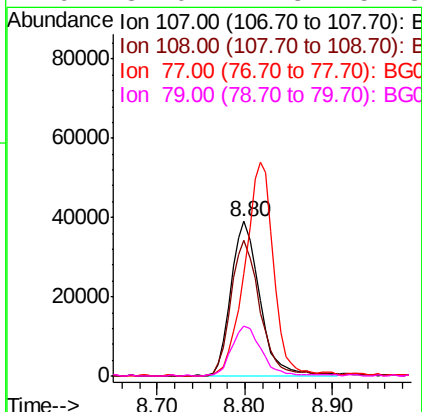
RT: 8.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.7	66.6	106.6	
77	66.4	20.9	60.9	
79	32.0	11.3	51.3	





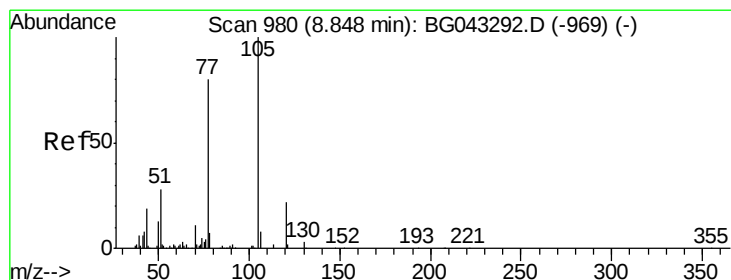
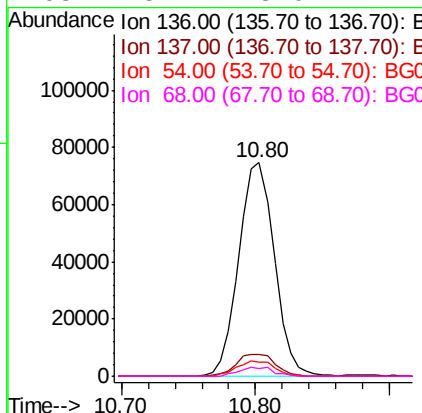
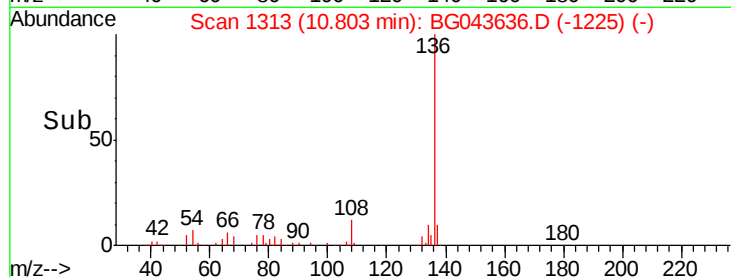
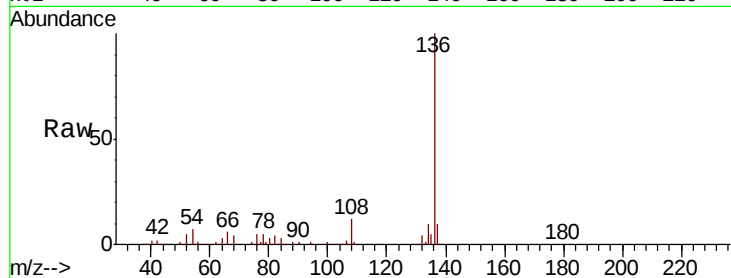
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	138692		
137	10.4	8.7	13.1	
54	6.9	5.4	8.2	
68	3.7	3.0	4.4	

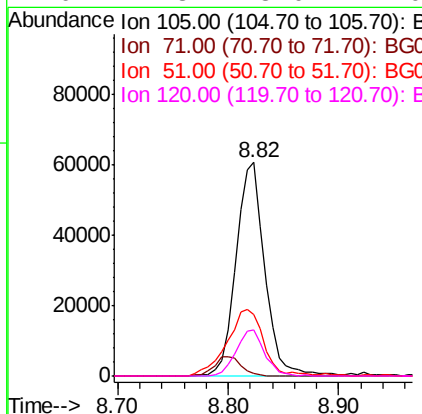
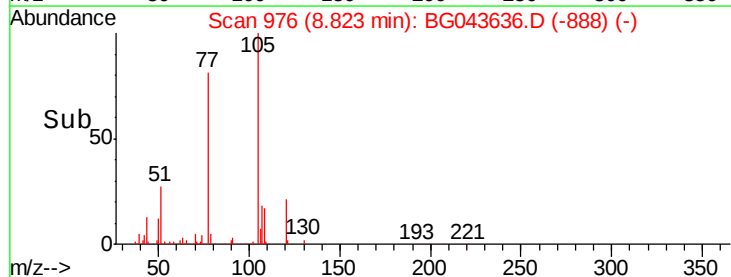
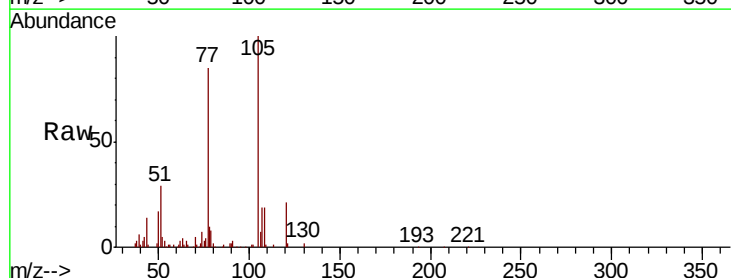
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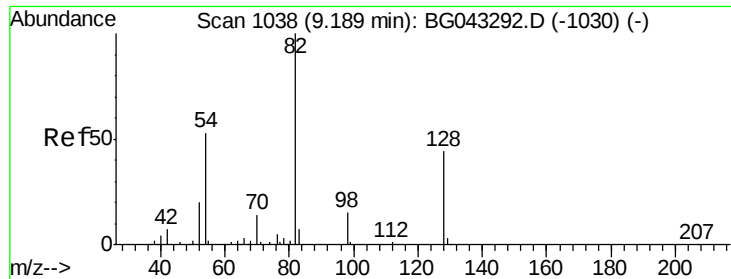
mohammad
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#22
Acetophenone
Concen: 31.210 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	110849		
71	0.9	0.8	1.2	
51	29.0	21.0	31.4	
120	21.3	18.0	27.0	





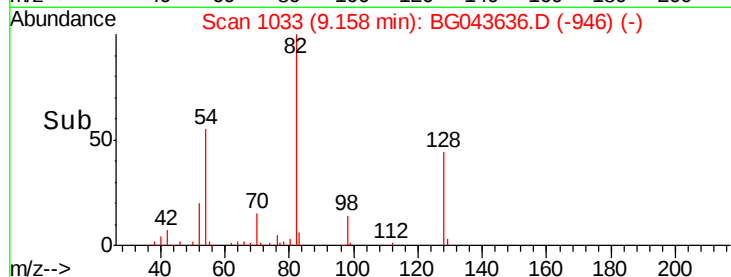
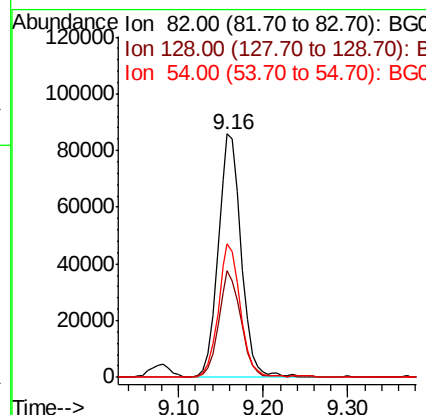
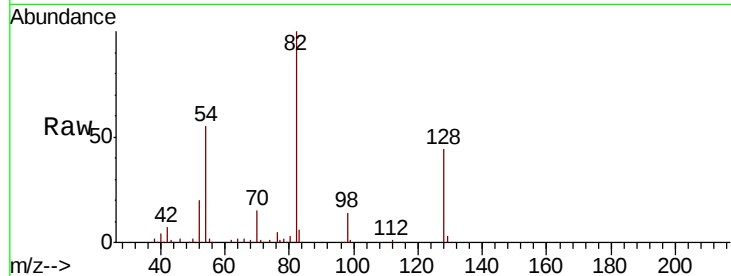
#23
Nitrobenzene-d5
Concen: 60.627 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.0	52.6
54	54.8	40.2	60.2

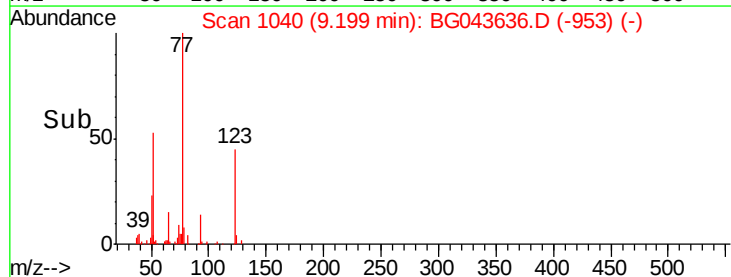
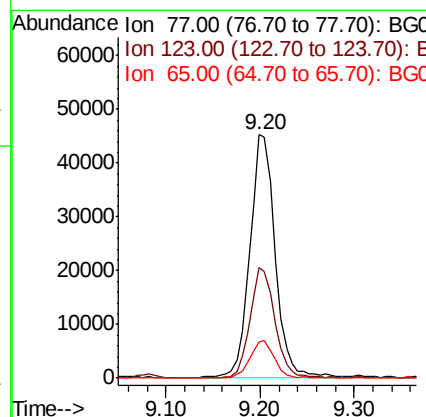
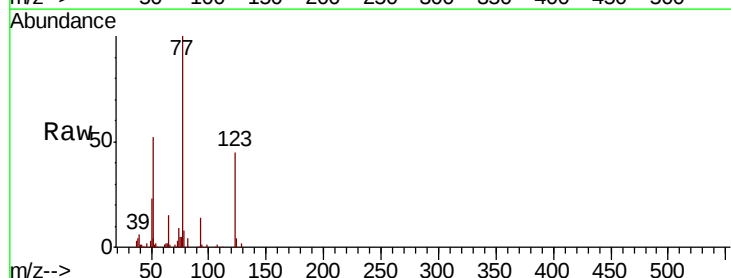
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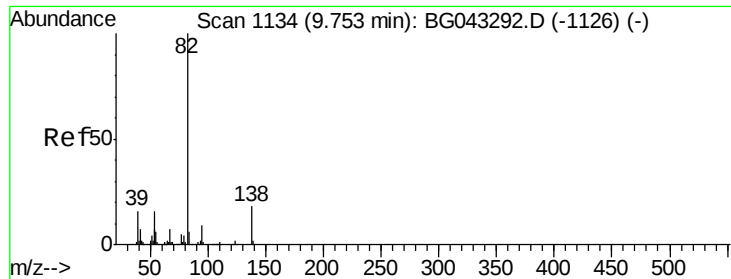
mohammad
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#24
Nitrobenzene
Concen: 33.199 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.2	35.0	52.6
65	14.7	9.5	14.3#





#25

Isophorone

Concen: 32.097 ng

RT: 9.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

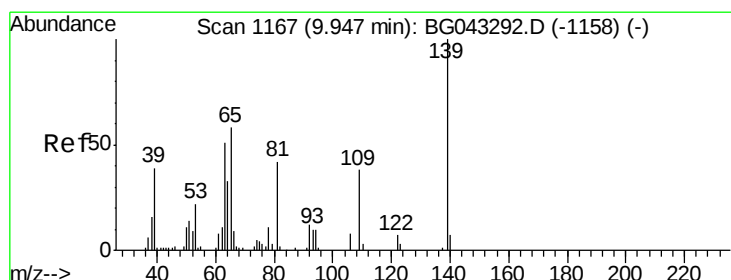
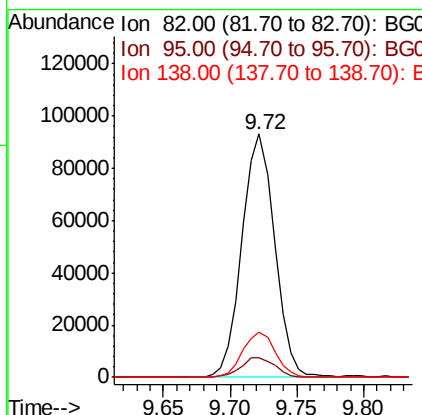
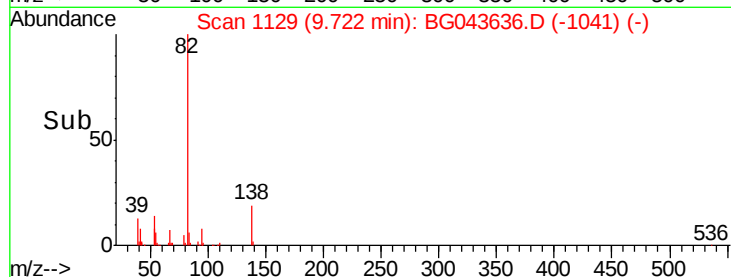
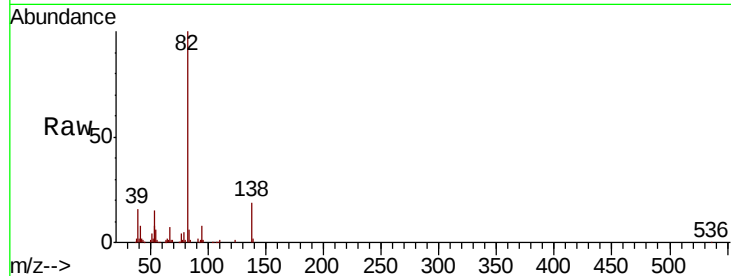
ClientSampleId :

TP-14B-SMS

Tot Ion	82	Resp	157866
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.6	9.8
138	18.6	15.2	22.8

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#26

2-Nitrophenol

Concen: 34.943 ng

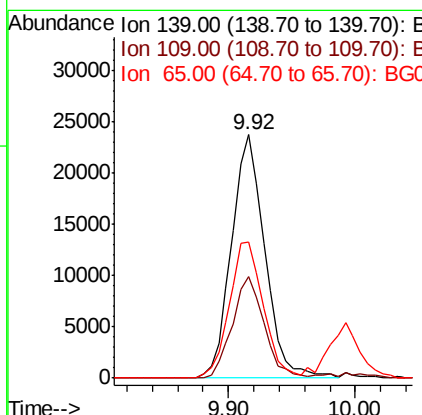
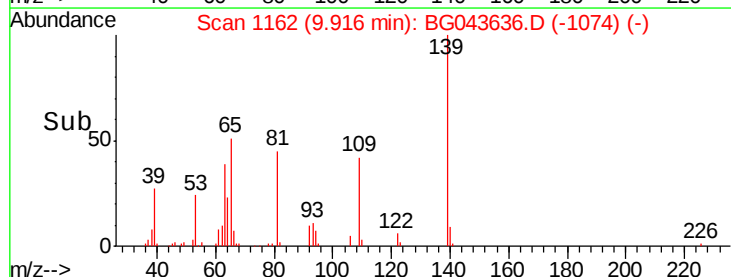
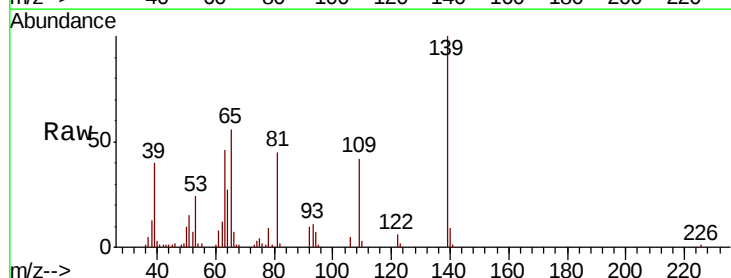
RT: 9.92 min Scan# 1162

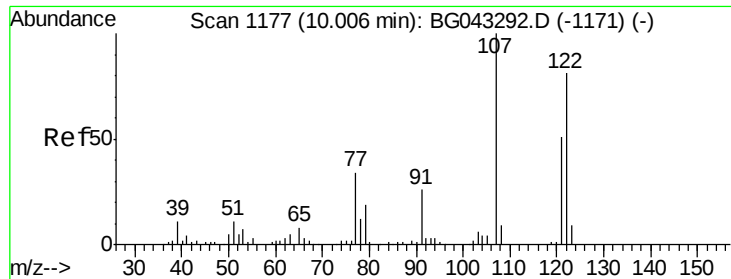
Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion	139	Resp	43233
Ion Ratio	Lower	Upper	
139	100		
109	41.9	26.5	39.7#
65	55.9	43.8	65.8





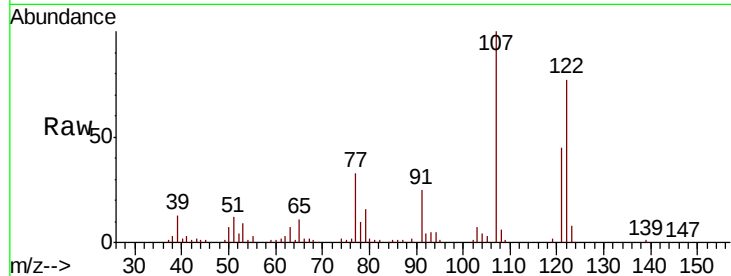
#27
2,4-Dimethylphenol
Concen: 40.837 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	130.4	104.4	156.6		
121	59.0	47.2	70.8		

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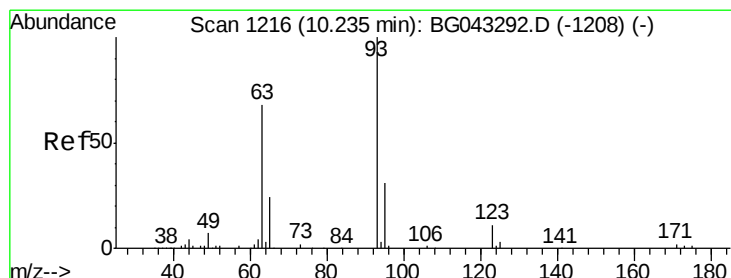
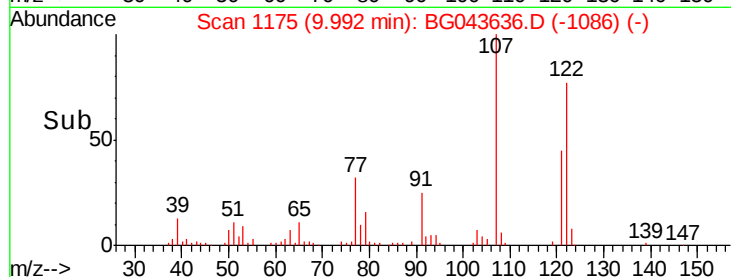
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

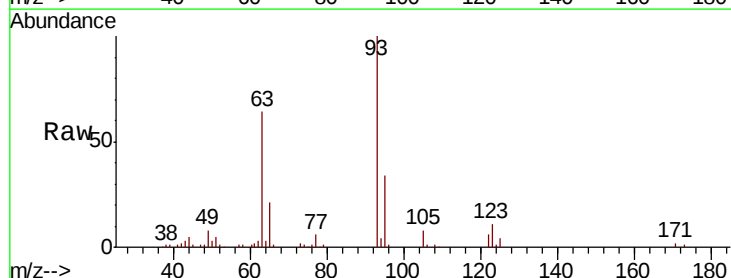
Ion 121.00 (120.70 to 121.70): E

Time-->



#28
bis(2-Chloroethoxy)methane
Concen: 31.489 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	34.0	26.0	39.0		
123	10.7	10.6	15.8		



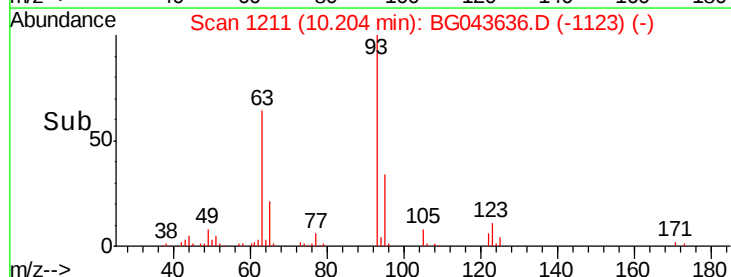
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

Time-->





#29

2,4-Dichlorophenol

Concen: 35.910 ng

RT: 10.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

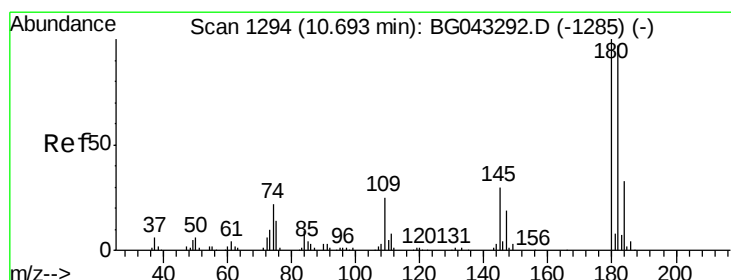
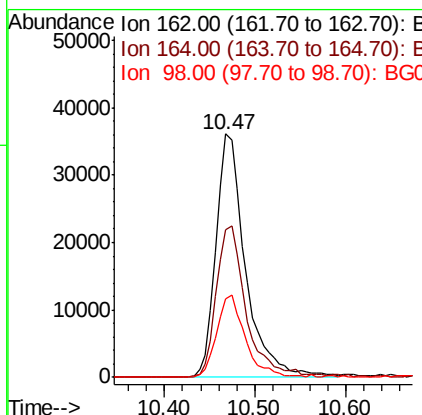
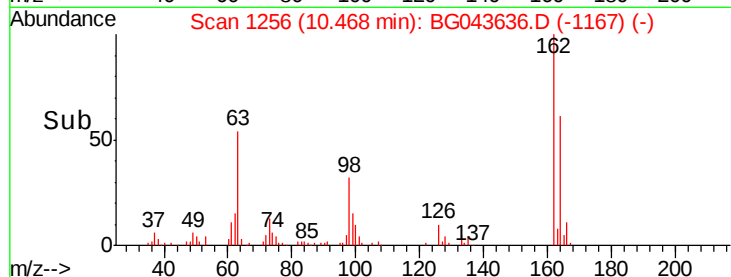
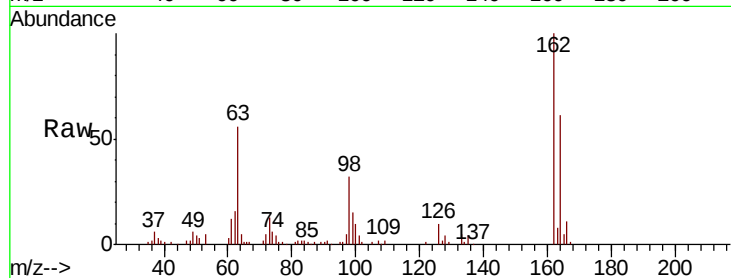
ClientSampleId :

TP-14B-SMS

Tot Ion:	162	Resp:	81591
Ion Ratio	Lower	Upper	
162	100		
164	60.7	48.9	88.9
98	32.4	15.1	55.1

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#30

1,2,4-Trichlorobenzene

Concen: 31.431 ng

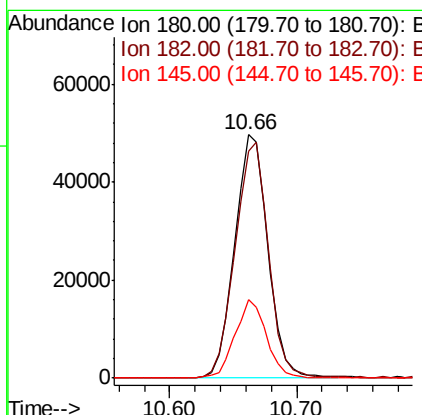
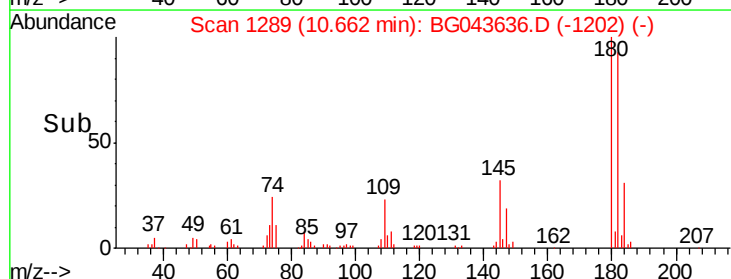
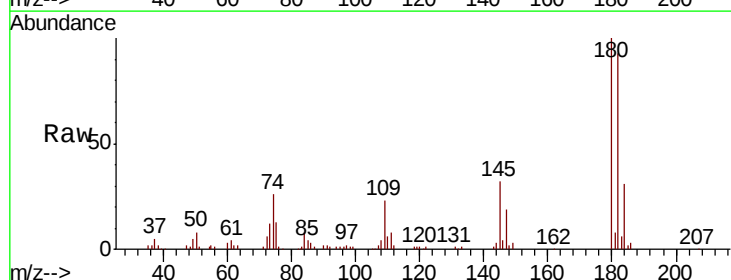
RT: 10.66 min Scan# 1289

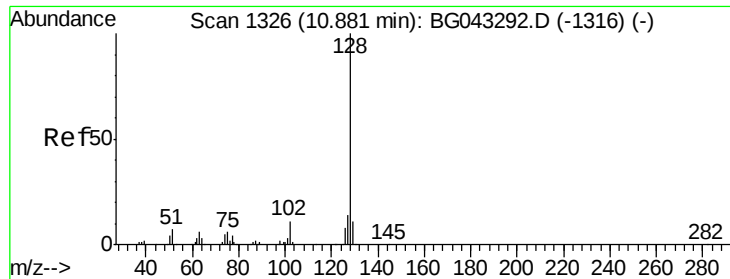
Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	180	Resp:	90008
Ion Ratio	Lower	Upper	
180	100		
182	93.4	75.1	112.7
145	32.1	23.9	35.9





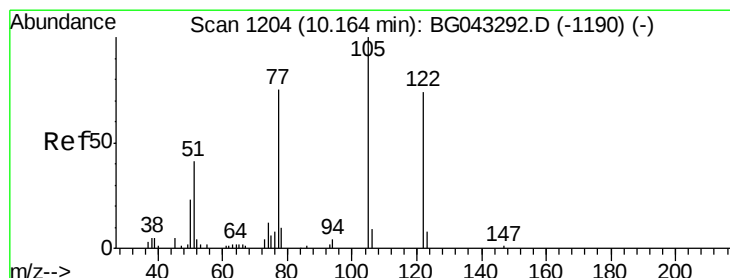
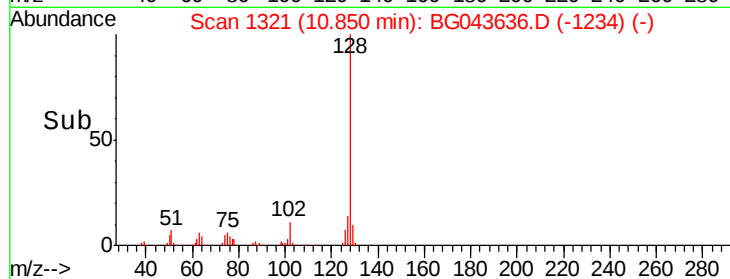
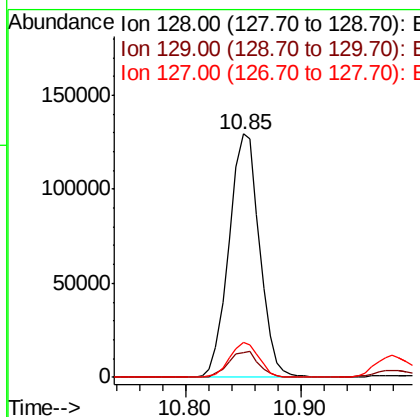
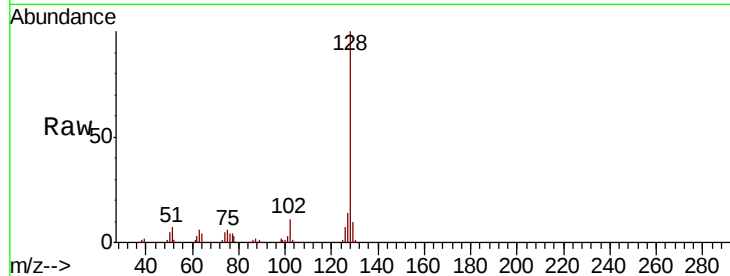
#31
Naphthalene
Concen: 33.836 ng
RT: 10.85 min Scan# 1321
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.4	14.0
127	14.1	11.1	16.7

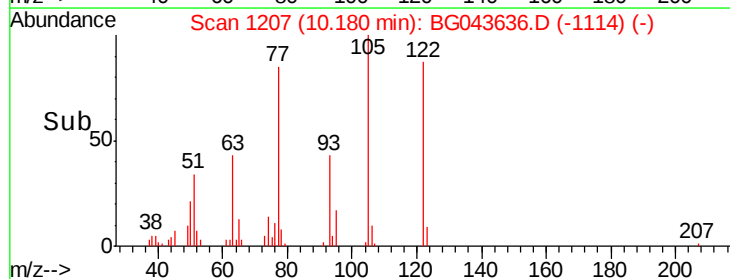
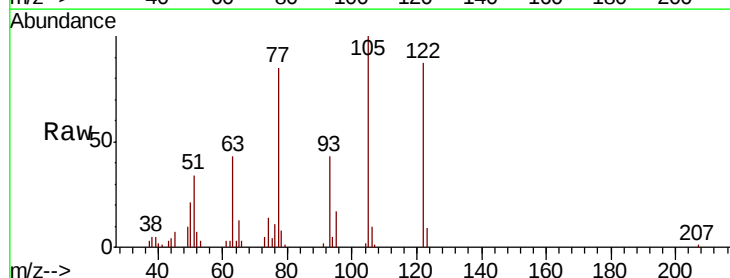
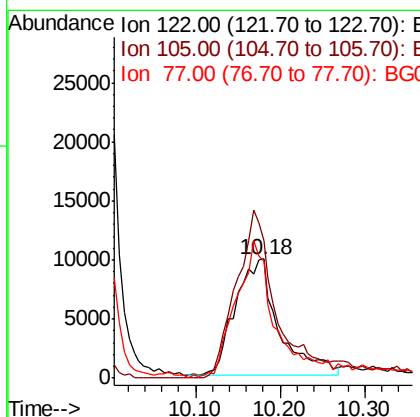
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#32
Benzoic acid
Concen: 30.408 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.0	103.3	143.3
77	97.8	84.9	124.9





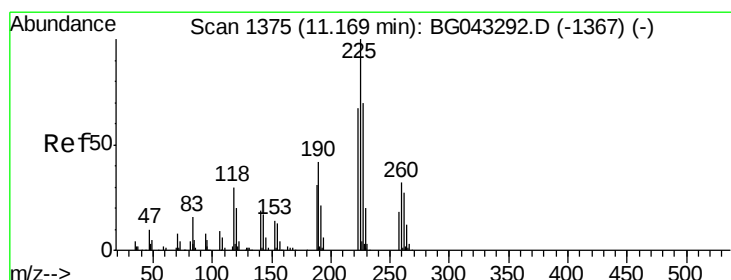
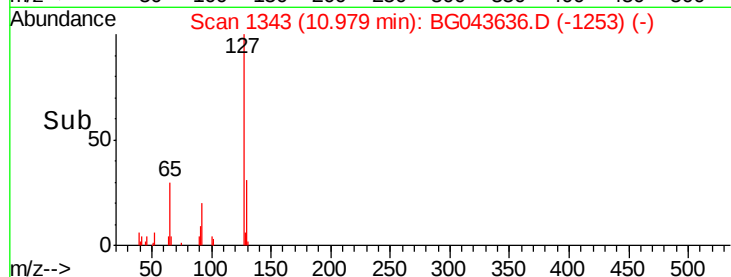
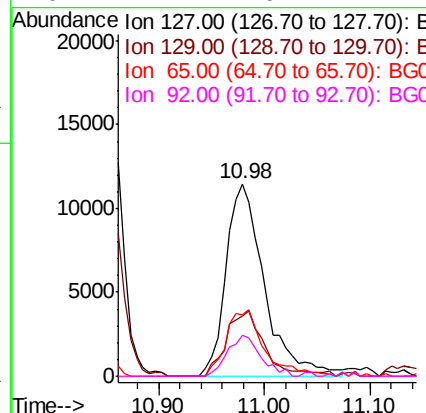
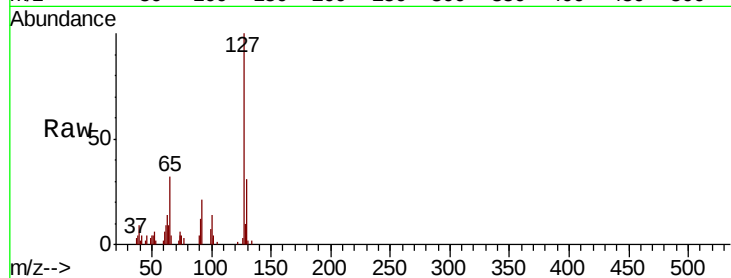
#33
4-Chloroaniline
Concen: 10.009 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.5	39.7
65	32.2	26.4	39.6
92	21.4	16.2	24.2

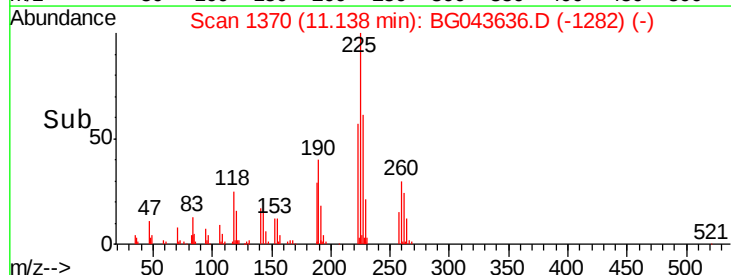
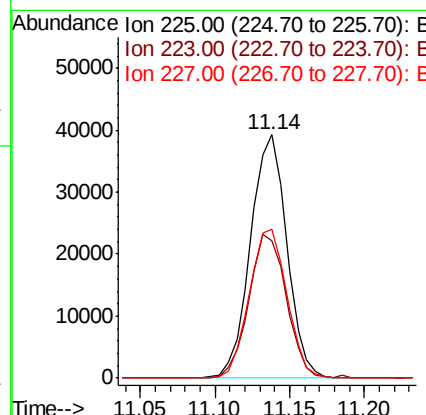
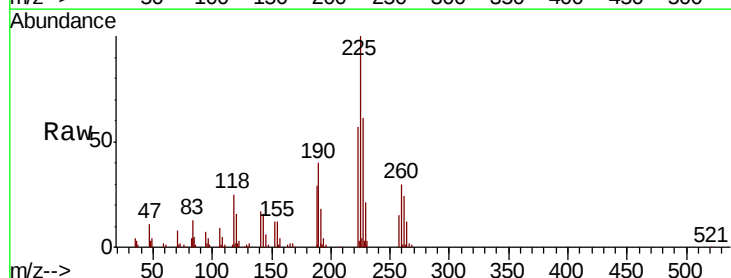
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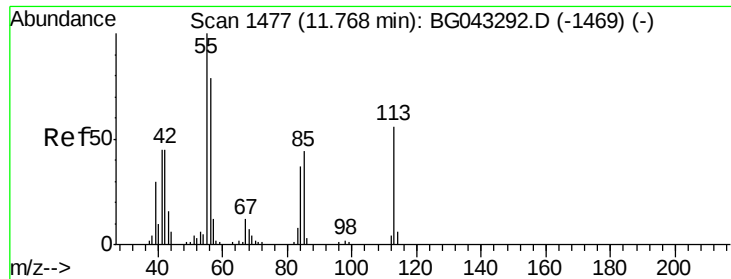
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#34
Hexachlorobutadiene
Concen: 31.077 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.7	52.7	79.1
227	61.4	54.8	82.2





#35

Caprolactam

Concen: 30.383 ng/ml

RT: 11.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

Tot Ion:113 Resp: 23775

Ion Ratio Lower Upper

113 100

55 160.5 134.1 174.1

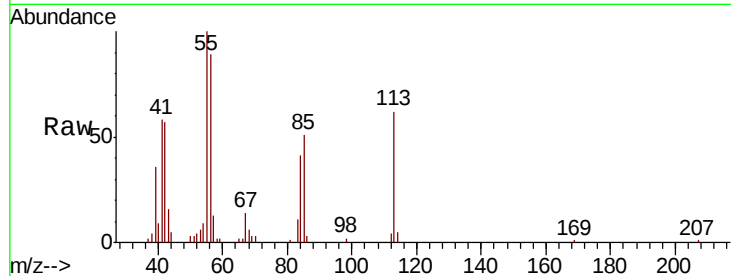
56 142.8 100.4 140.4#

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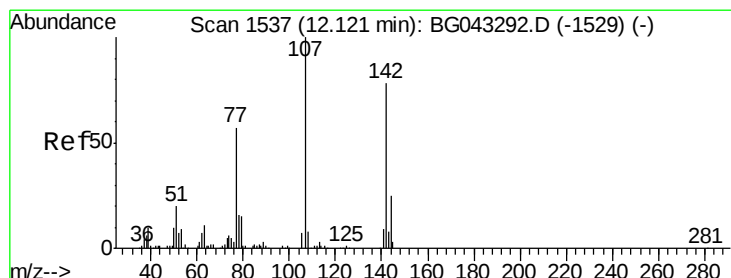
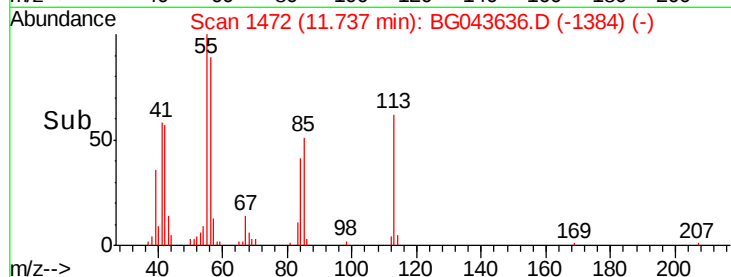
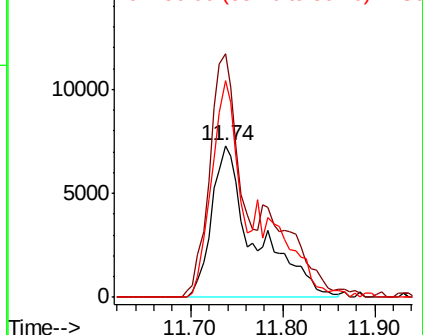


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 34.115 ng/ml

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

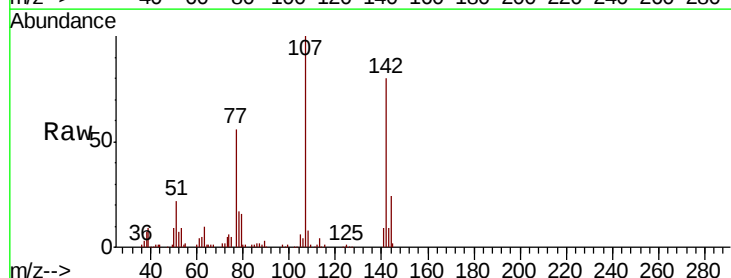
Tgt Ion:107 Resp: 84548

Ion Ratio Lower Upper

107 100

144 23.9 20.9 31.3

142 79.6 59.6 89.4

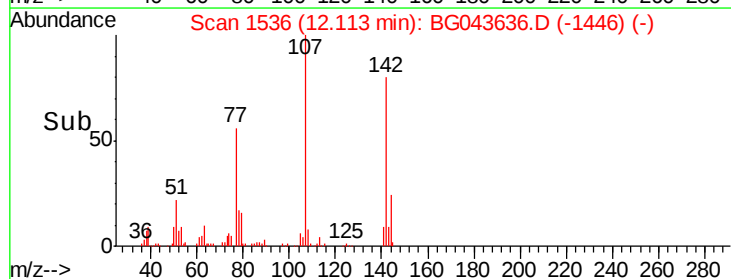
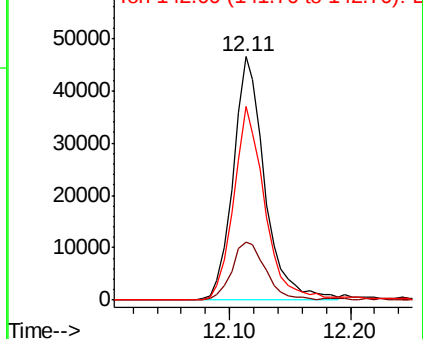


Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





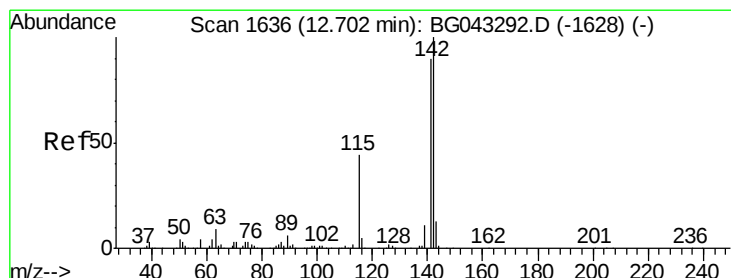
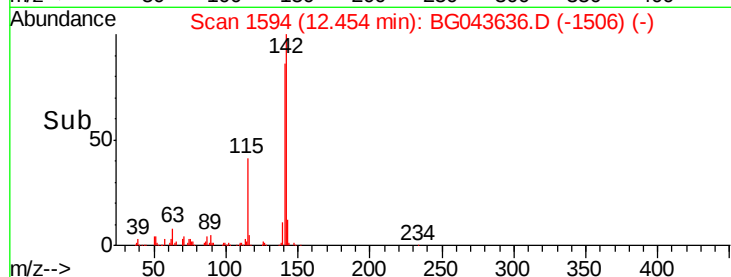
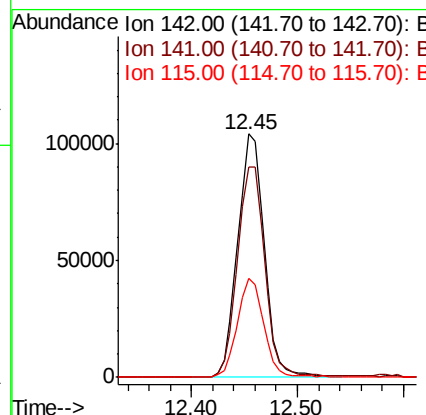
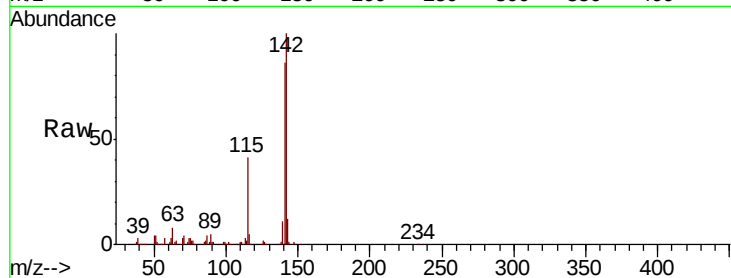
#37
2-Methylnaphthalene
Concen: 33.550 ng
RT: 12.45 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.2	72.2	108.2
115	40.6	33.2	49.8

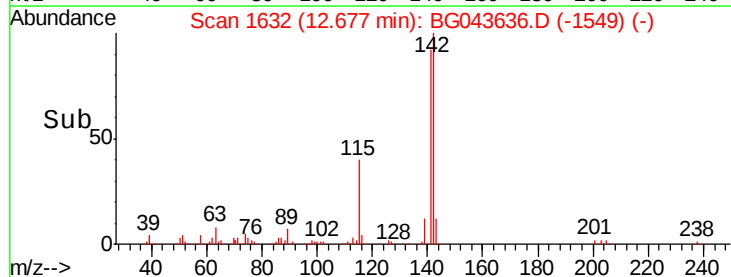
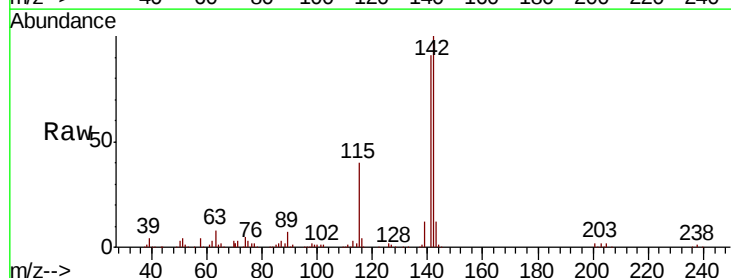
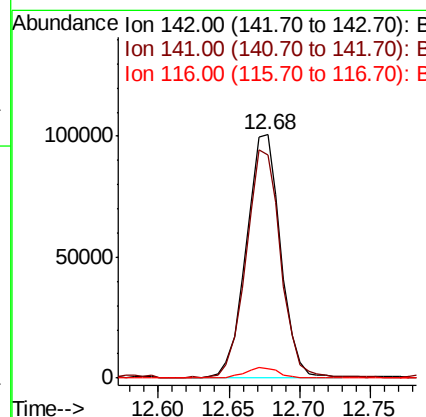
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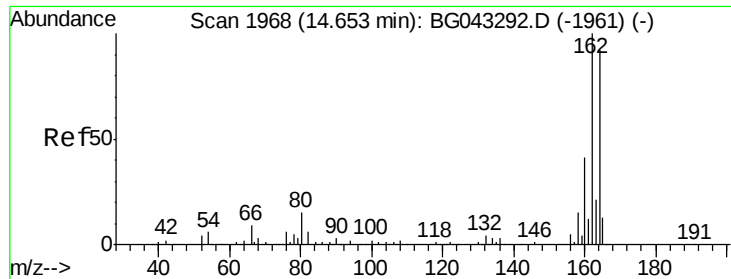
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#38
1-Methylnaphthalene
Concen: 33.202 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8
116	4.1	3.6	5.4





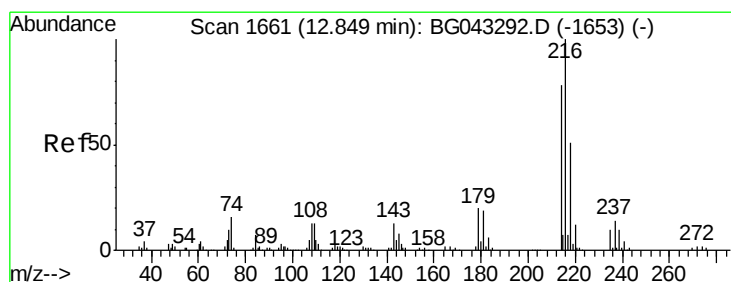
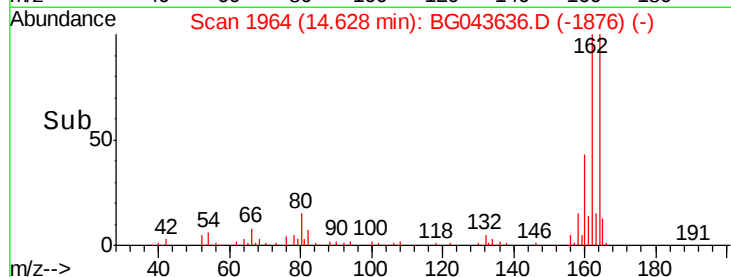
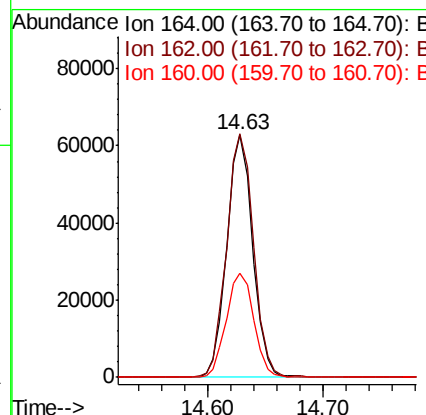
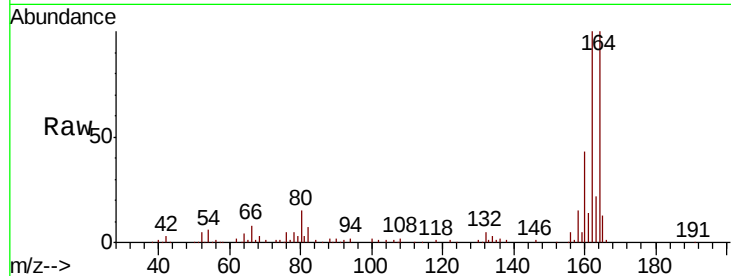
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.5	125.3
160	42.7	36.5	54.7

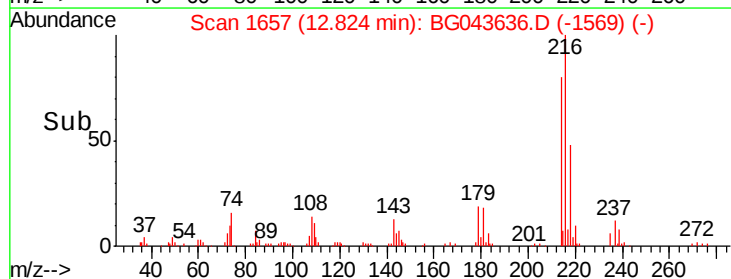
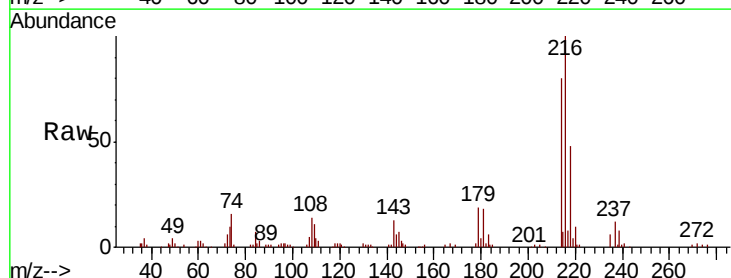
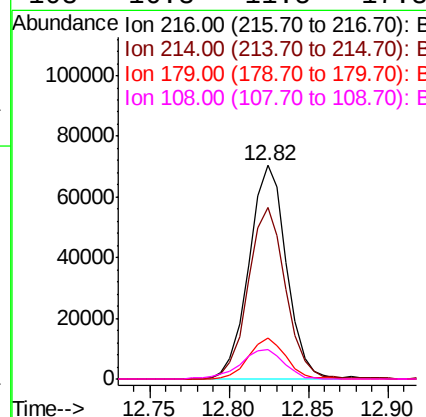
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 31.957 ng
RT: 12.82 min Scan# 1657
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.9	61.7	92.5
179	18.9	15.8	23.8
108	16.3	11.5	17.3





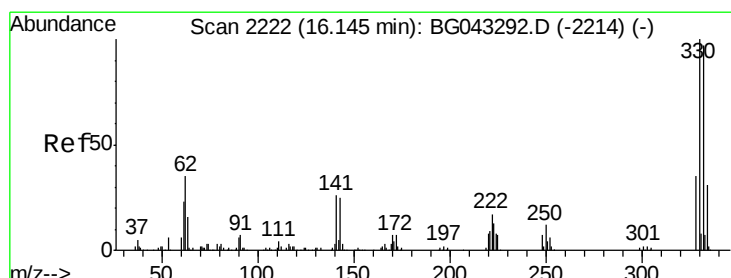
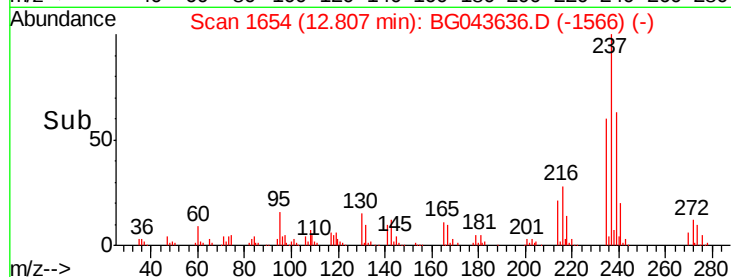
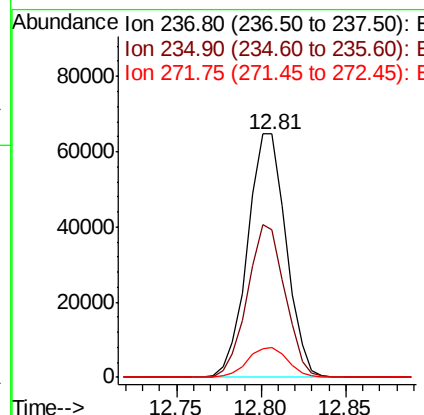
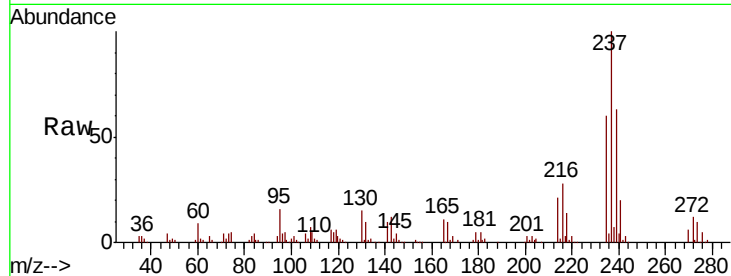
#41
Hexachlorocyclopentadiene
Concen: 54.164 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	60.4	41.6	81.6
272	12.3	0.0	32.5

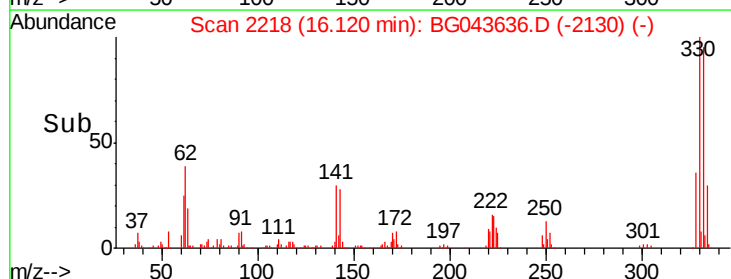
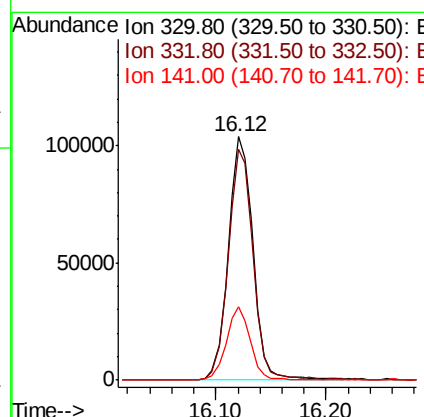
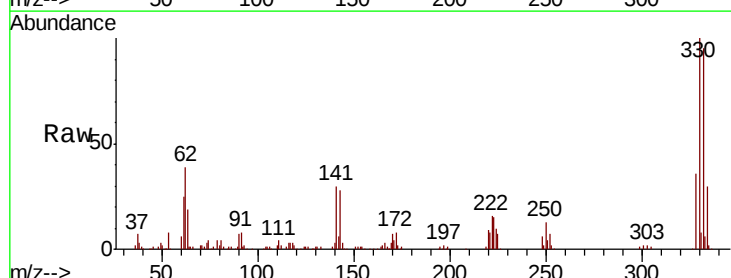
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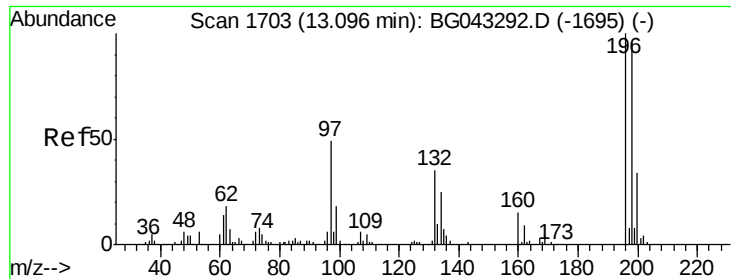
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#42
2,4,6-Tribromophenol
Concen: 87.313 ng
RT: 16.12 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	94.9	77.4	116.0
141	29.0	22.8	34.2





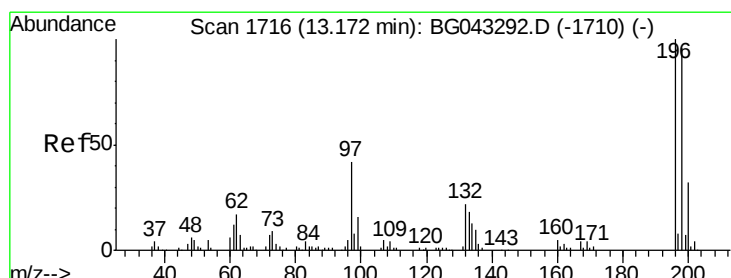
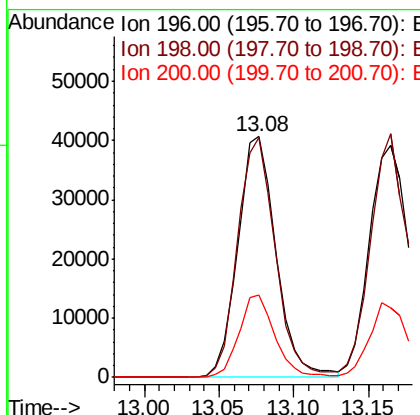
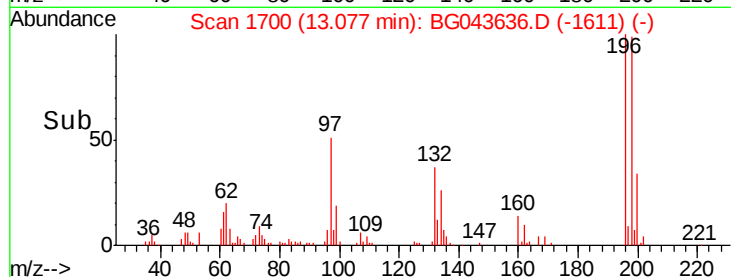
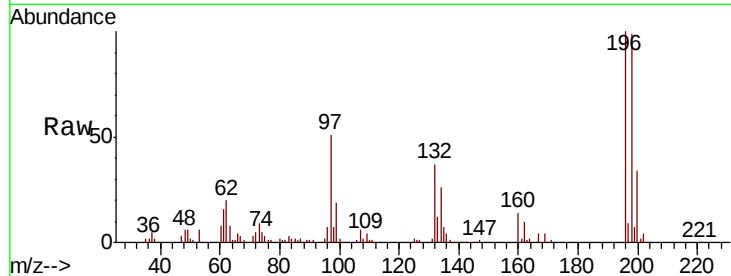
#43
 2,4,6-Trichlorophenol
 Concen: 34.015 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
196	100		
198	99.4	75.8	113.6
200	34.2	23.9	35.9

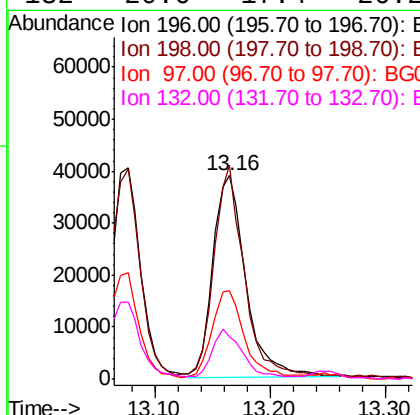
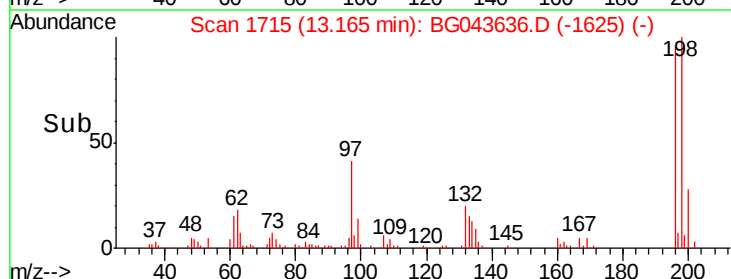
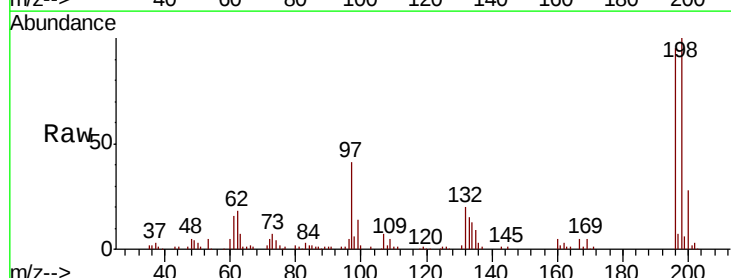
Manual Integrations
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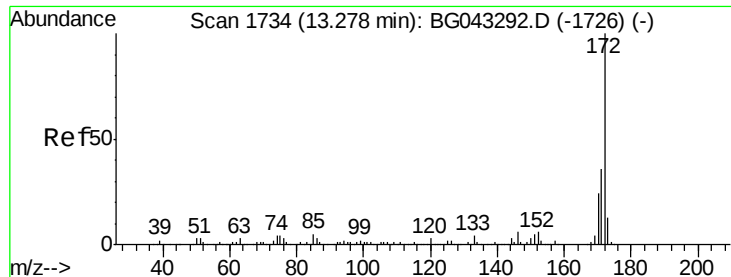
mohammad
 11/15/2019 6:00:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 35.579 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	105.0	74.5	111.7
97	43.3	36.3	54.5
132	20.6	17.4	26.2





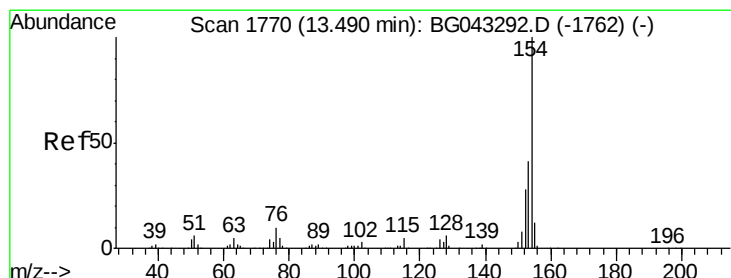
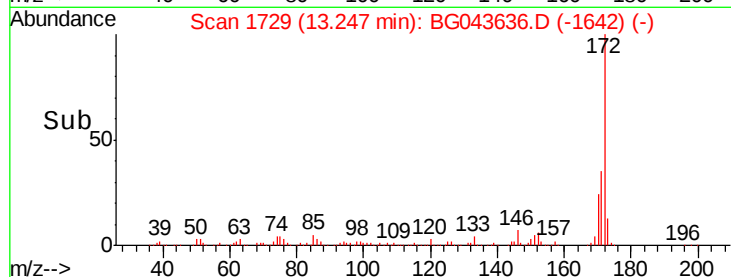
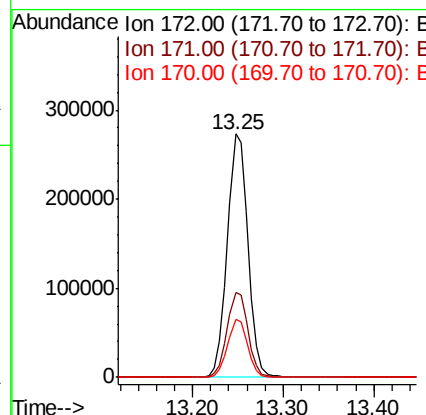
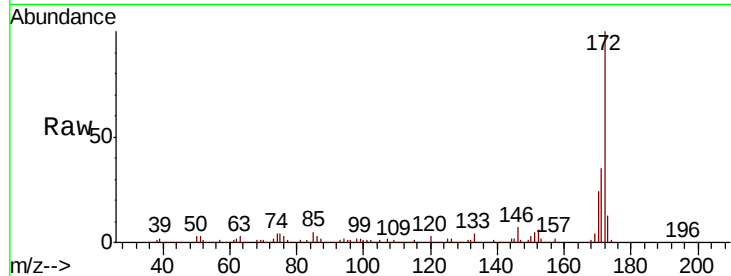
#45
2-Fluorobiphenyl
Concen: 60.784 ng
RT: 13.25 min Scan# 1729
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.9	43.3
170	23.7	18.5	27.7

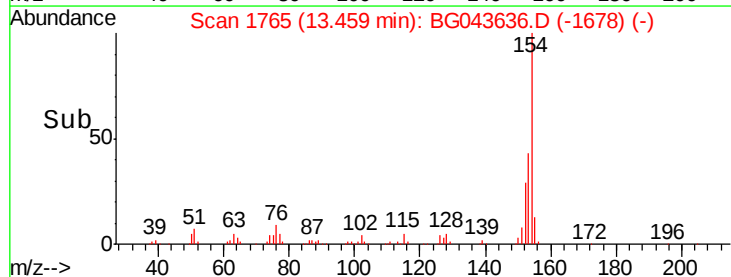
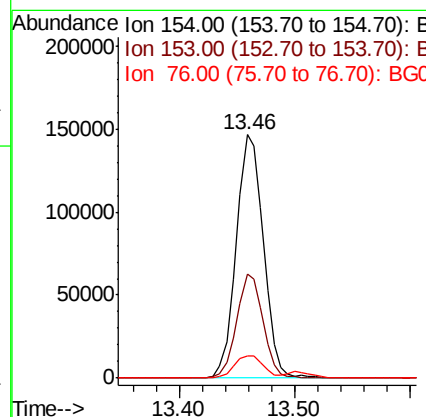
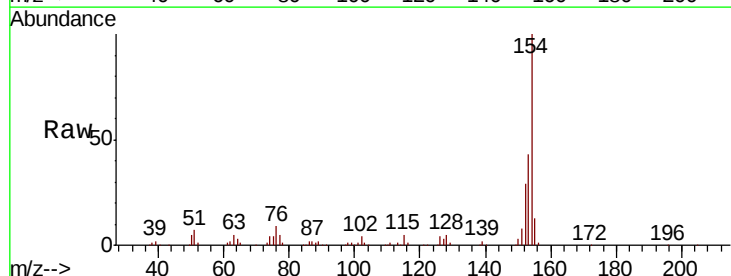
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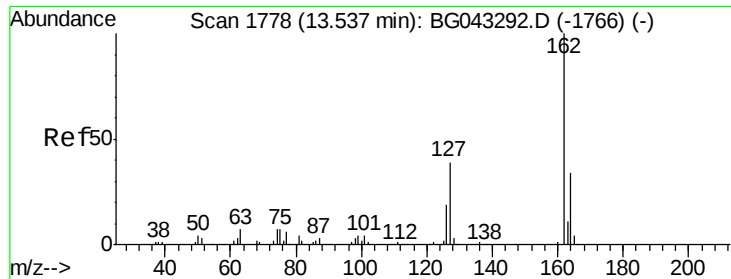
mohammad
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#46
1,1'-Biphenyl
Concen: 32.199 ng
RT: 13.46 min Scan# 1765
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.0	19.9	59.9
76	9.0	0.0	29.4





#47

2-Chloronaphthalene

Concen: 32.612 ng

RT: 13.51 min Scan# 1773

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

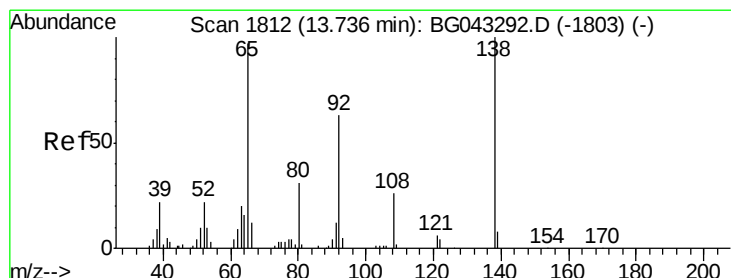
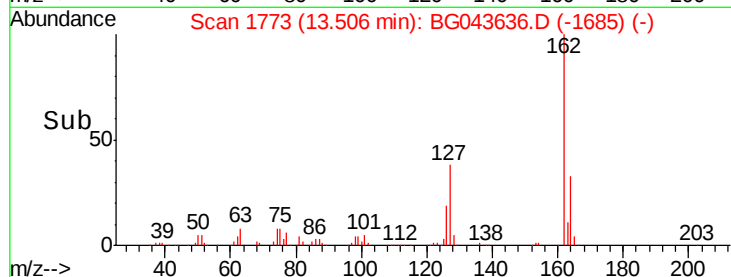
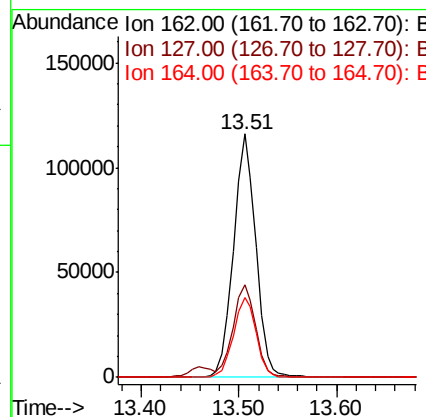
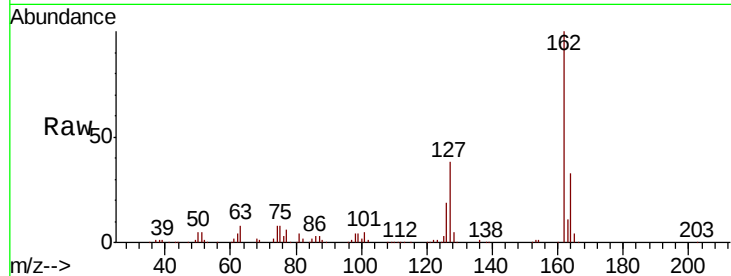
ClientSampleId :

TP-14B-SMS

Tot Ion:	162	Resp:	184284
Ion Ratio	Lower	Upper	
162	100		
127	38.1	31.2	46.8
164	32.9	25.8	38.8

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#48

2-Nitroaniline

Concen: 33.255 ng

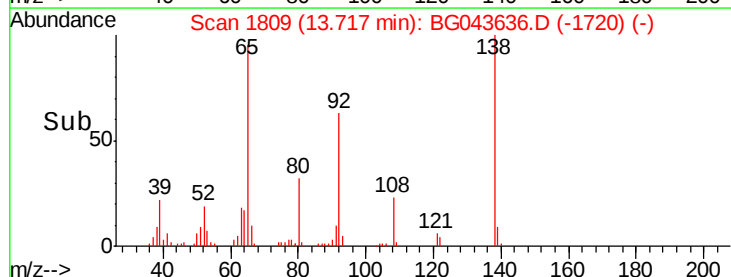
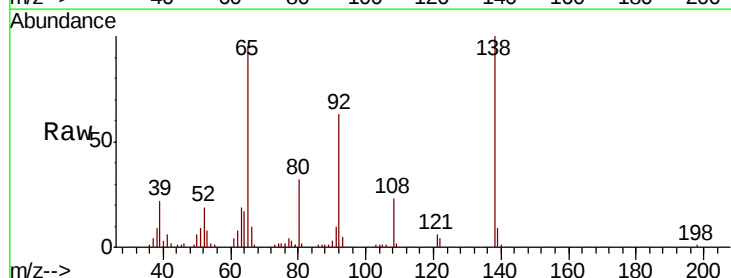
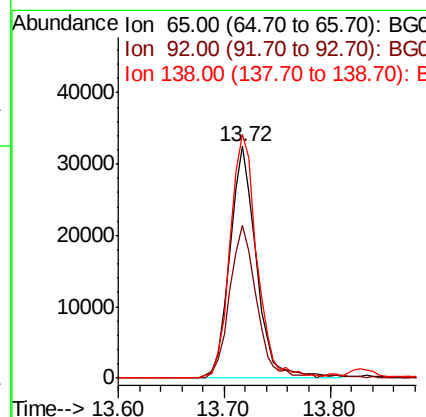
RT: 13.72 min Scan# 1809

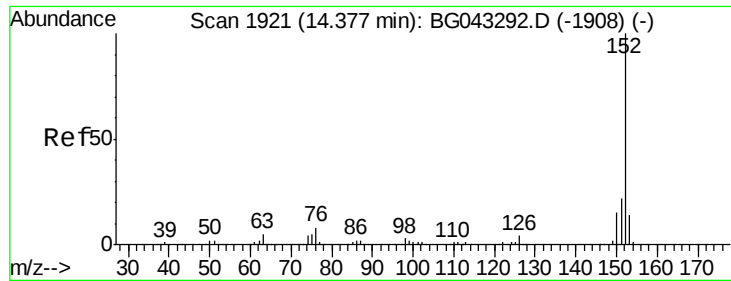
Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	65	Resp:	56164
Ion Ratio	Lower	Upper	
65	100		
92	65.6	56.2	84.2
138	105.0	82.6	123.8





#49

Acenaphthylene

Concen: 34.336 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

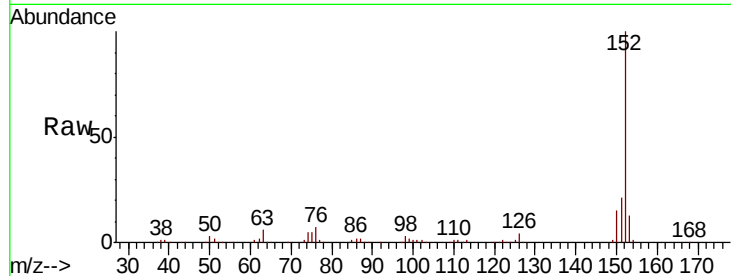
ClientSampleId :

TP-14B-SMS

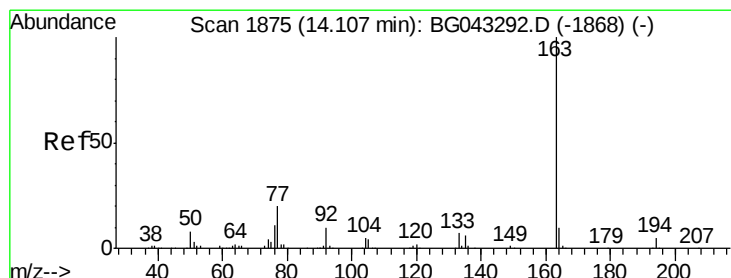
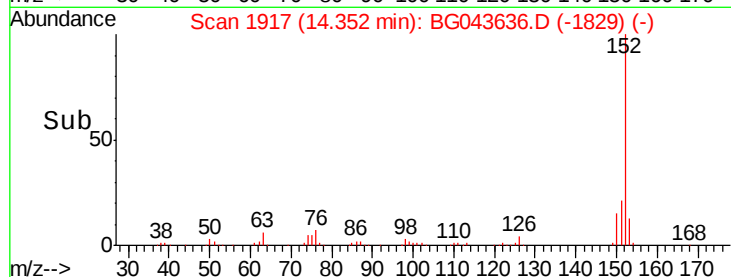
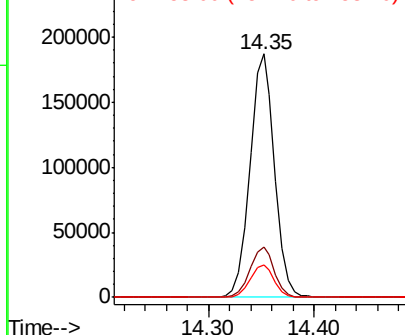
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		301968		
151	20.7	16.2		24.4	
153	13.1	10.6		15.8	

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.893 ng

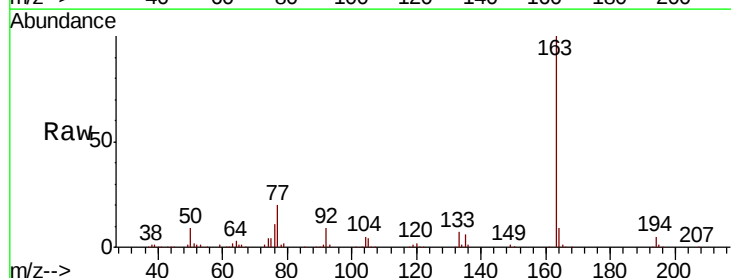
RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

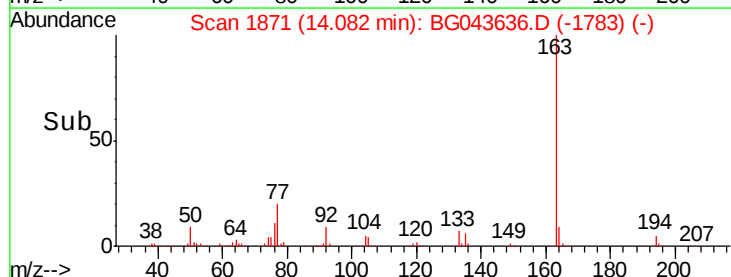
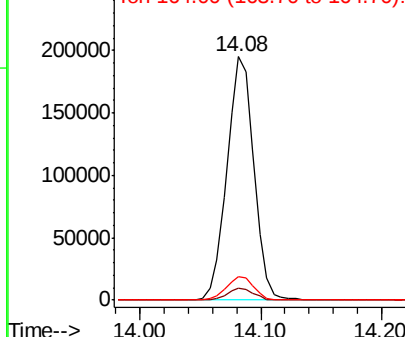
Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		301655		
194	4.8	3.8		5.6	
164	9.5	8.9		13.3	



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





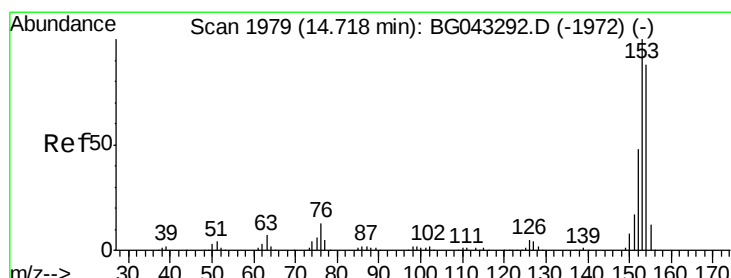
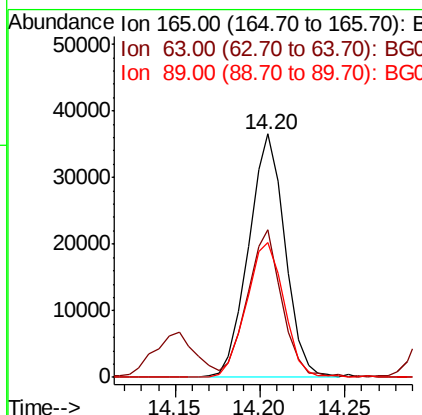
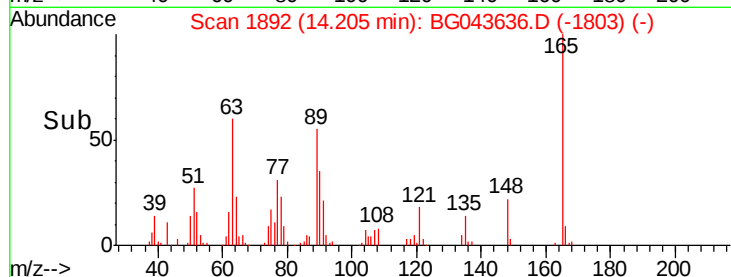
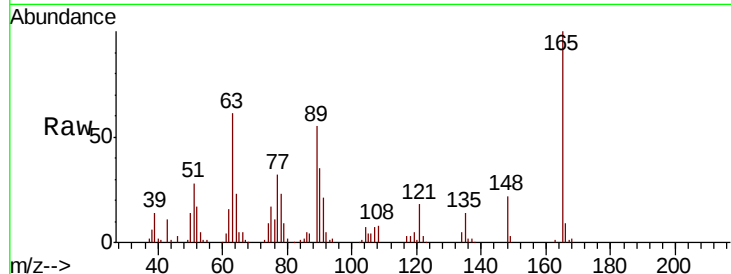
#51
2,6-Dinitrotoluene
Concen: 33.252 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampled :
TP-14B-SMS

Tot Ion:	165	Resp:	54625
Ion Ratio	Lower	Upper	
165	100		
63	60.7	46.6	69.8
89	55.5	45.1	67.7

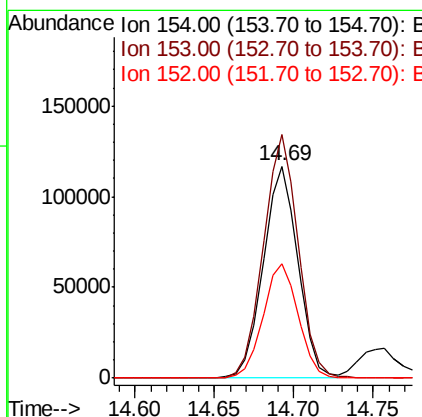
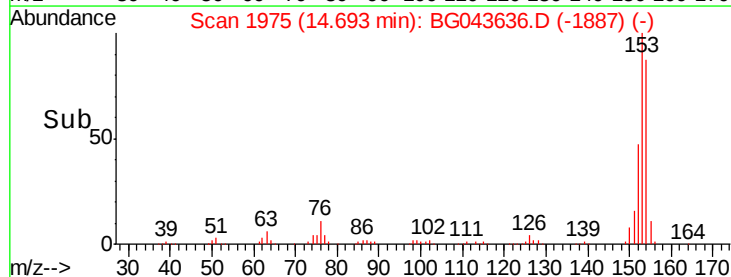
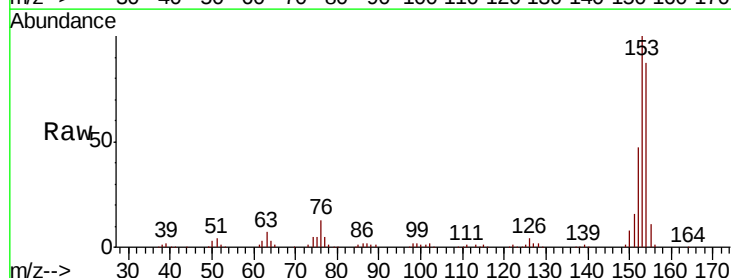
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#52
Acenaphthene
Concen: 33.050 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion:	154	Resp:	177254
Ion Ratio	Lower	Upper	
154	100		
153	114.9	88.2	132.2
152	54.0	40.0	60.0





#53

3-Nitroaniline

Concen: 17.270 ng

RT: 14.55 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

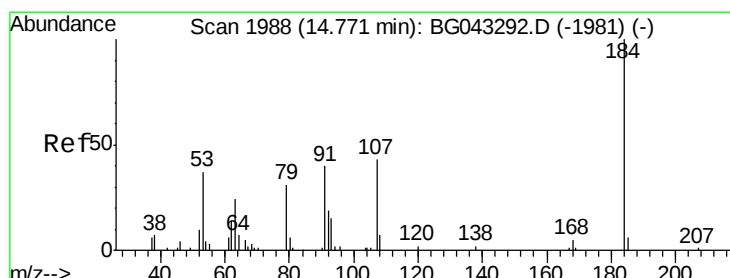
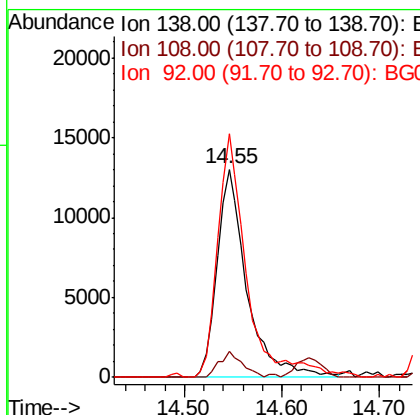
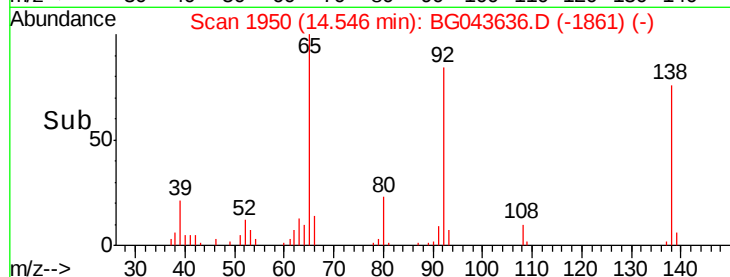
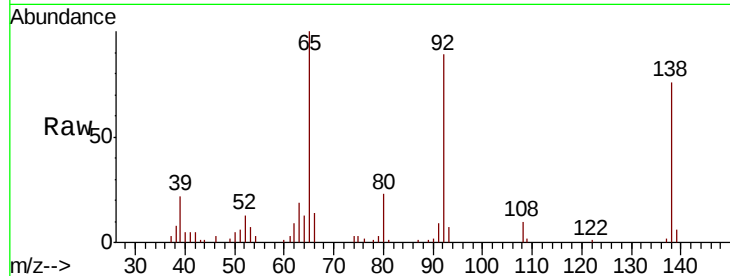
ClientSampleId :

TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.6	8.0	12.0
92	117.0	90.9	136.3

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#54

2,4-Dinitrophenol

Concen: 50.770 ng

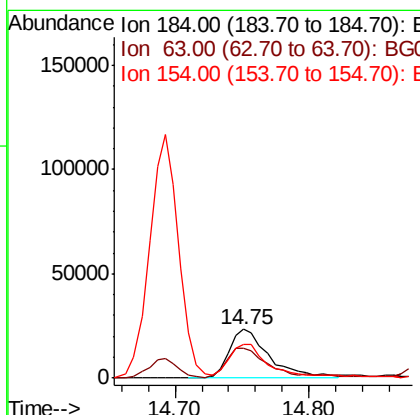
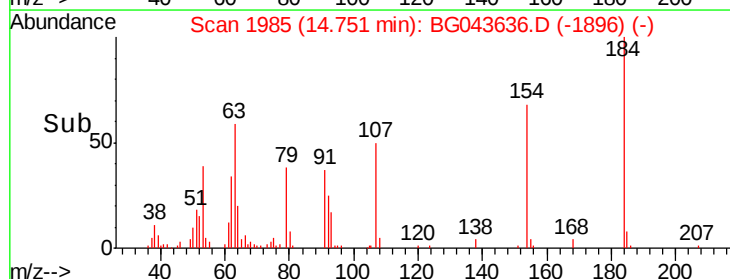
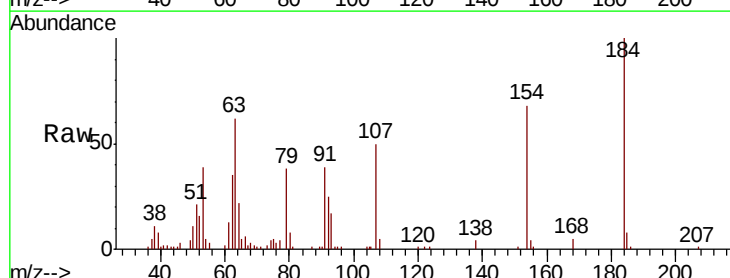
RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.8	51.3	76.9
154	68.1	55.4	83.0





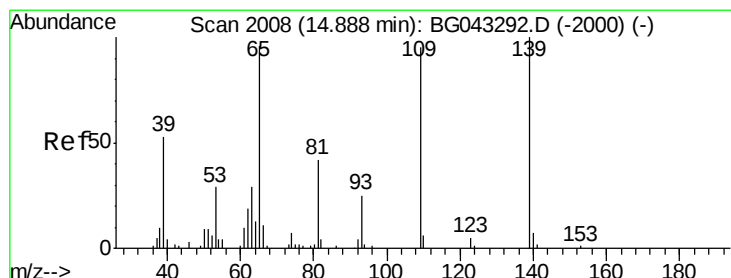
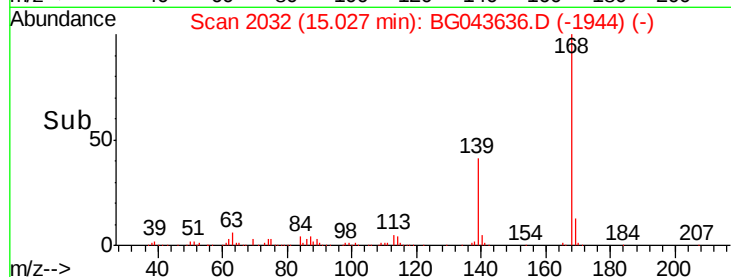
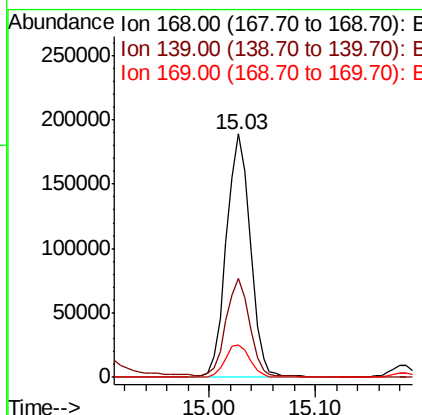
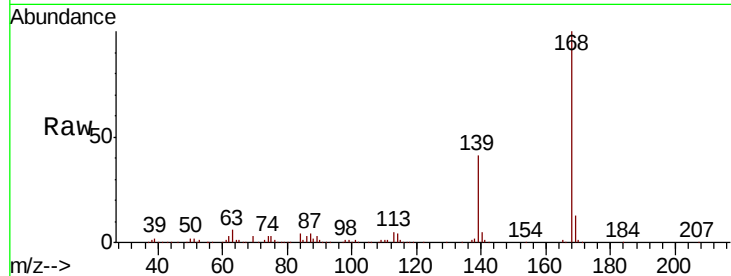
#55
Dibenzenofuran
Concen: 34.118 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.0	46.6
169	13.3	11.7	17.5

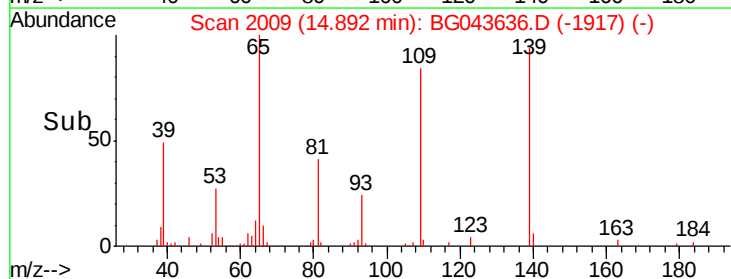
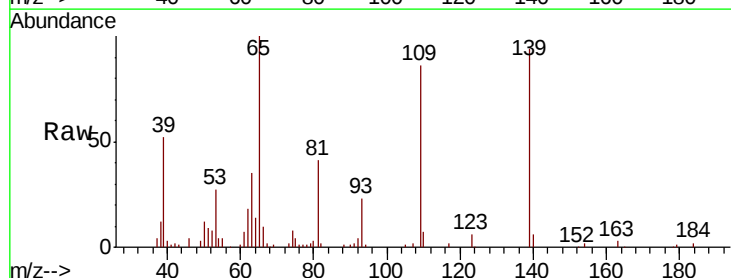
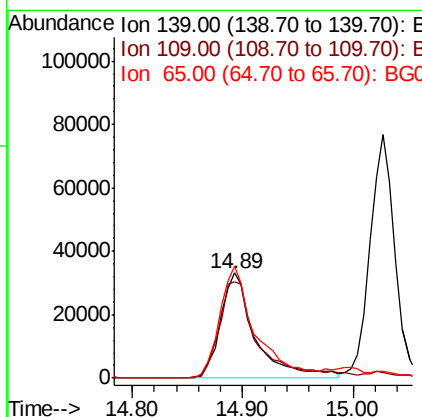
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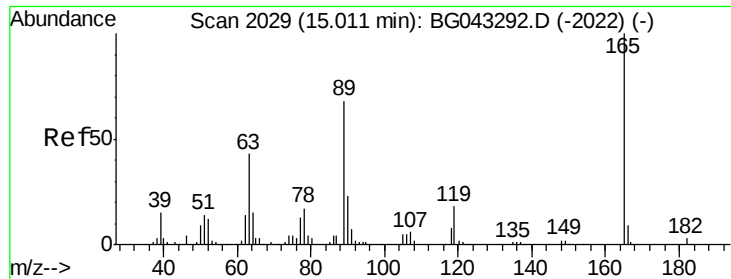
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#56
4-Nitrophenol
Concen: 69.407 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.9	87.2	127.2
65	106.4	83.8	123.8





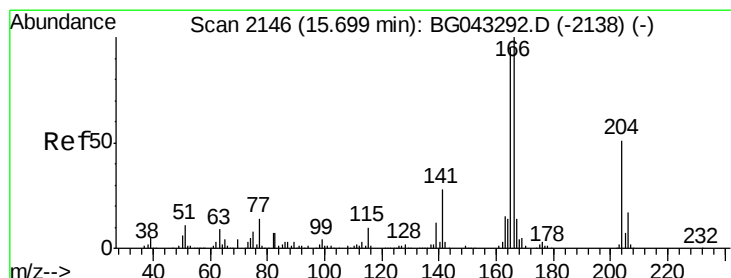
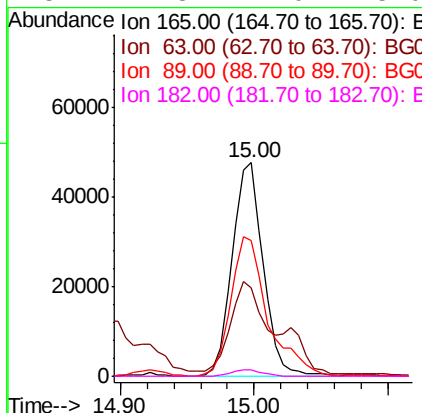
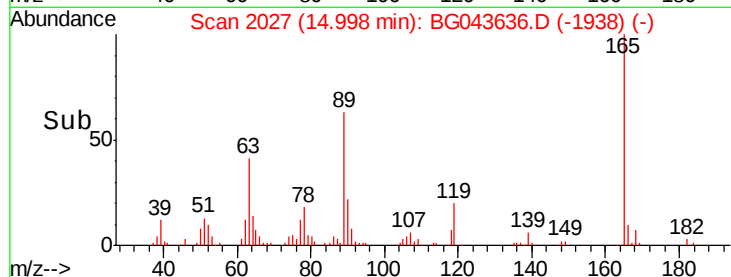
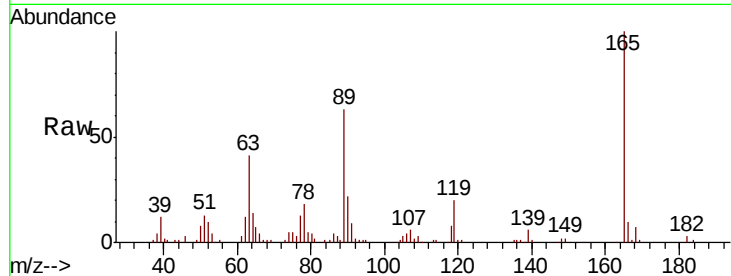
#57
2,4-Dinitrotoluene
Concen: 32.711 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	76795		
63	41.1	33.2	49.8	
89	63.3	52.2	78.4	
182	2.8	2.0	3.0	

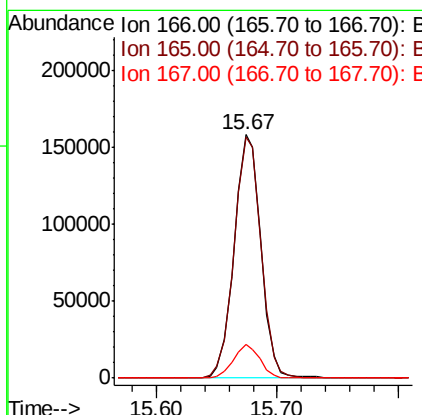
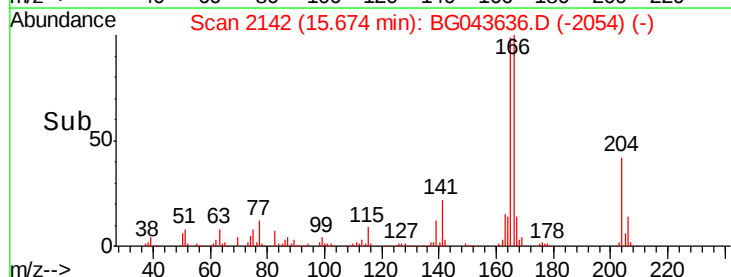
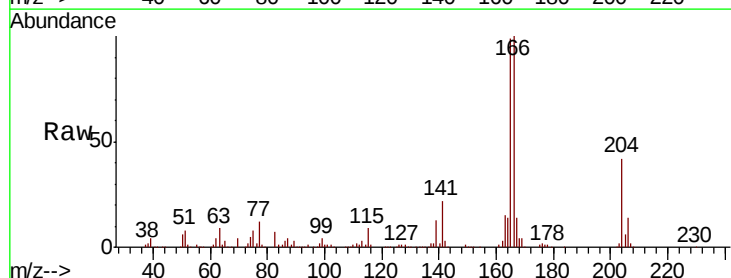
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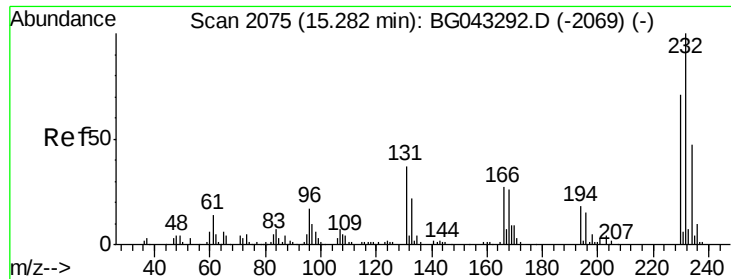
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#58
Fluorene
Concen: 33.318 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	243044		
165	99.2	79.0	118.6	
167	13.6	10.5	15.7	





#59

2,3,4,6-Tetrachlorophenol

Concen: 32.587 ng

RT: 15.26 min Scan# 2072

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

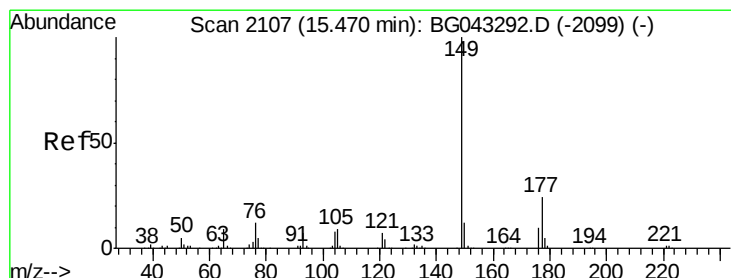
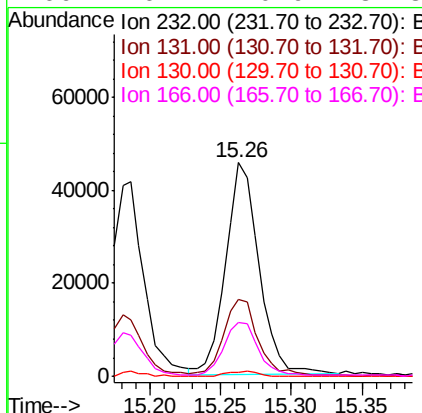
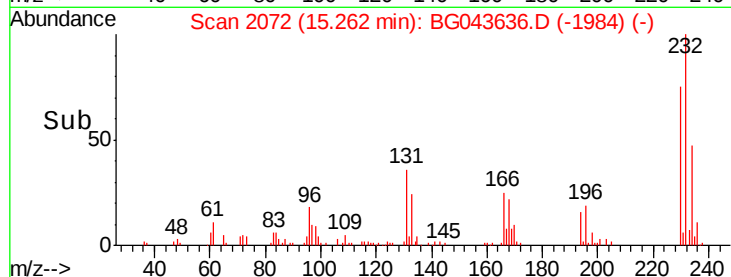
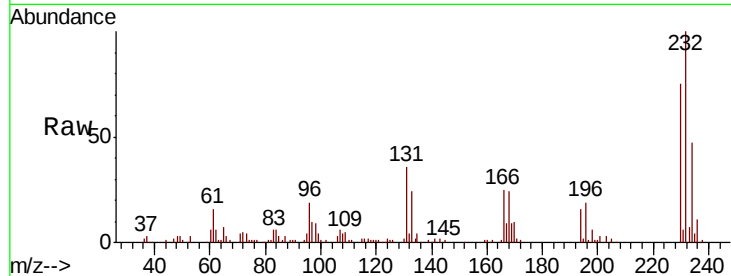
ClientSampleId :

TP-14B-SMS

Tot Ion:	232	Resp:	74473
Ion Ratio	Lower	Upper	
232	100		
131	39.0	26.9	40.3
130	2.1	1.8	2.6
166	26.1	20.9	31.3

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#60

Diethylphthalate

Concen: 31.893 ng

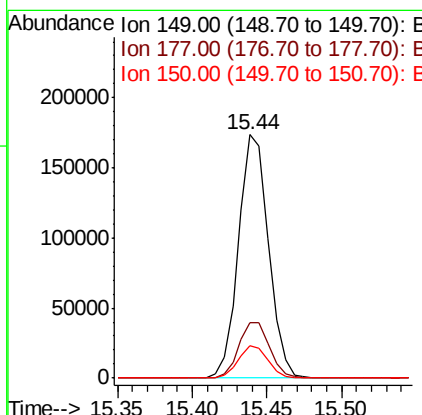
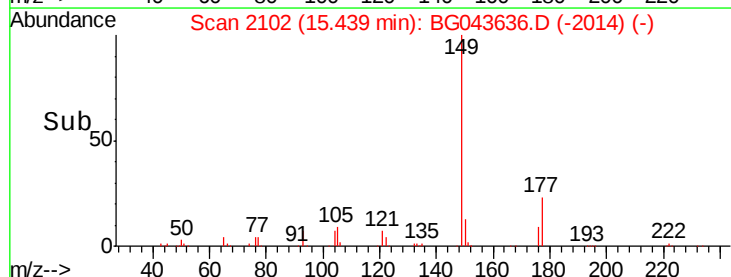
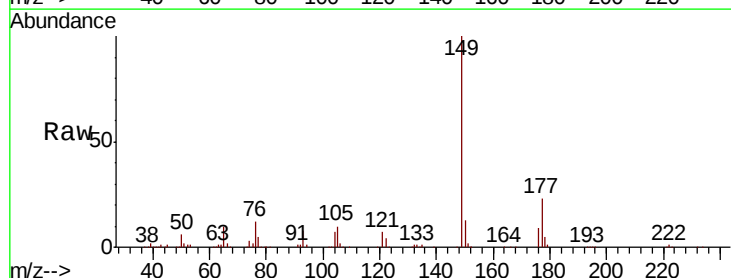
RT: 15.44 min Scan# 2102

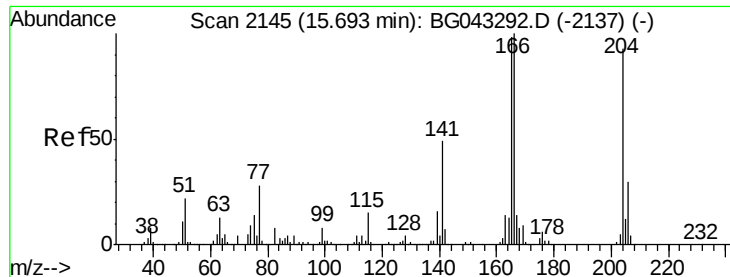
Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	149	Resp:	242320
Ion Ratio	Lower	Upper	
149	100		
177	22.9	19.6	29.4
150	13.2	10.8	16.2





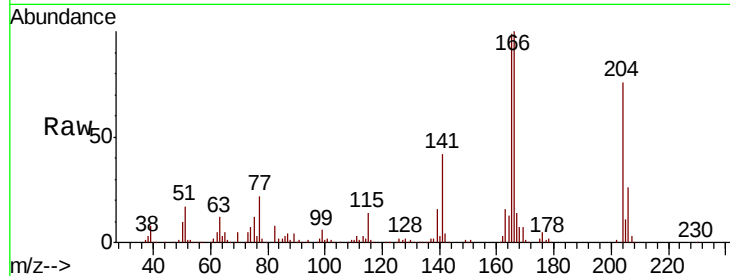
#61
4-Chlorophenyl-phenylether
Concen: 32.749 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	28.4	42.6
141	55.3	43.0	64.6

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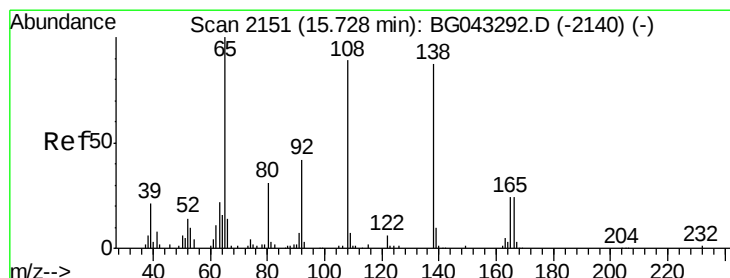
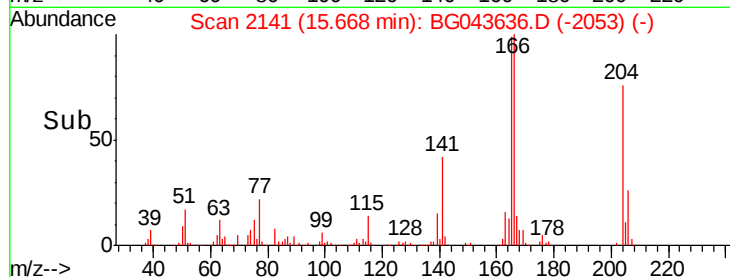
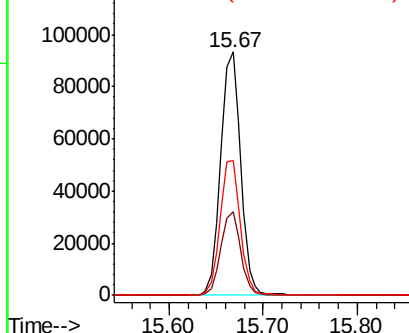


Abundance

Ion 204.00 (203.70 to 204.70): E

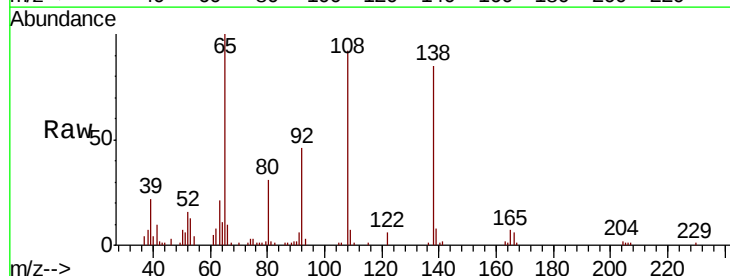
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 30.541 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.8	33.4	73.4
108	108.5	78.0	118.0

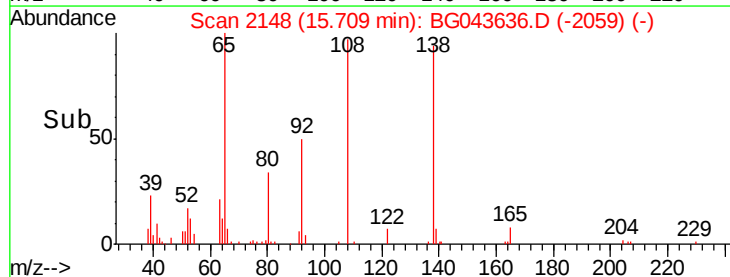
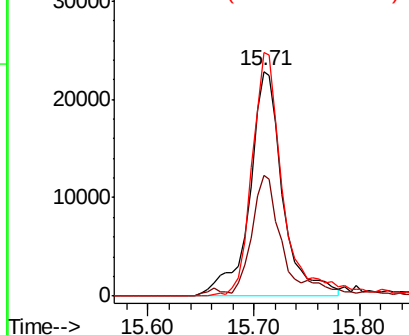


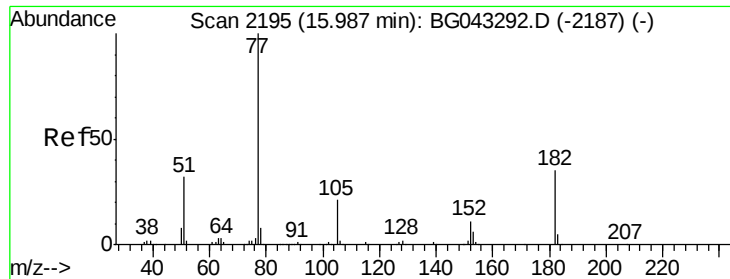
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





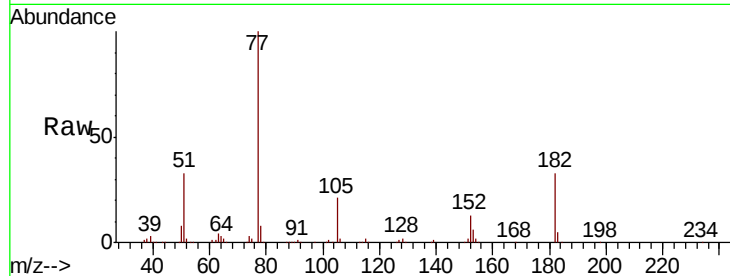
#63
Azobenzene
Concen: 34.077 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

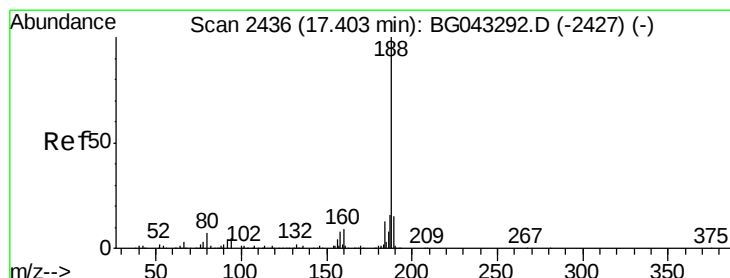
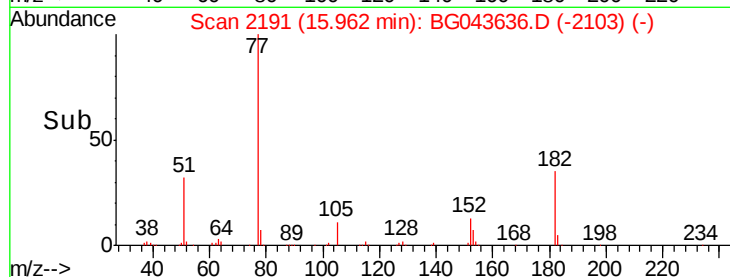
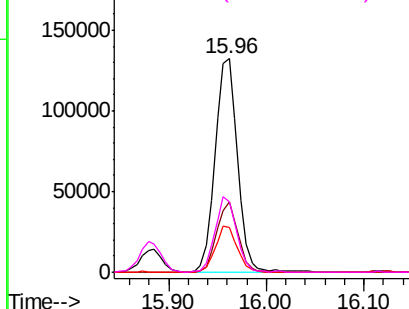
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		209540		
182	32.9	13.7	53.7		
105	21.2	0.4	40.4		
51	33.2	11.0	51.0		

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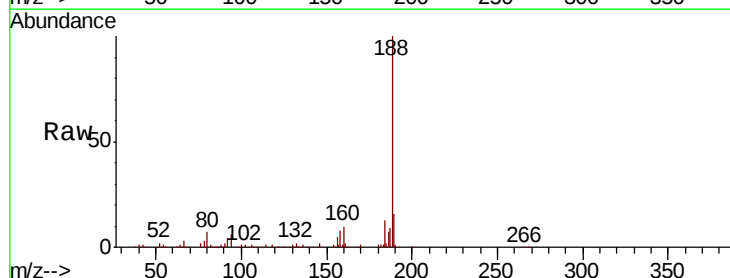


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

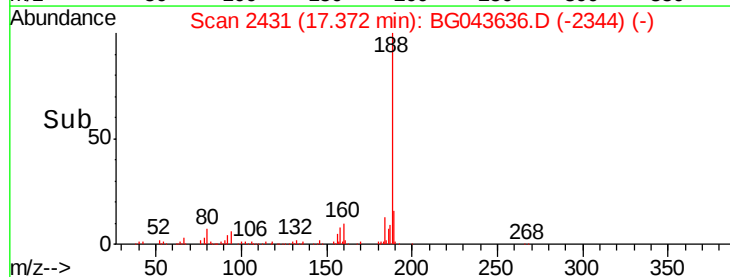
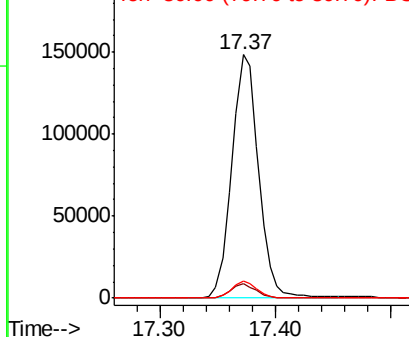


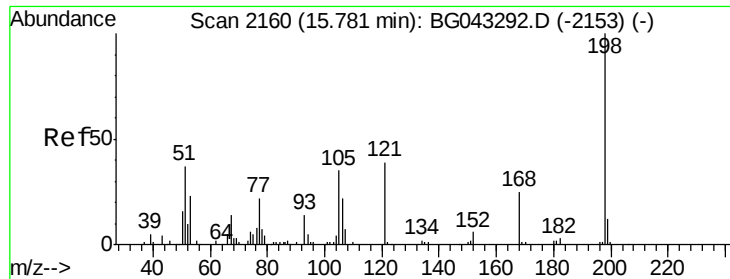
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		237826		
94	6.2	4.2	6.4		
80	7.1	4.5	6.7#		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 31.380 ng

RT: 15.76 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

ClientSampleId :

TP-14B-SMS

Tot Ion:198 Resp: 43920

Ion Ratio Lower Upper

198 100

51 42.6 13.2 53.2

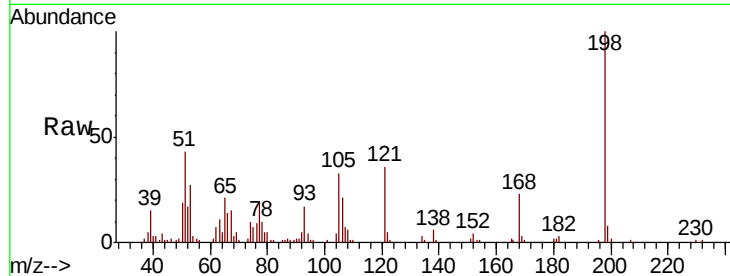
105 33.4 15.8 55.8

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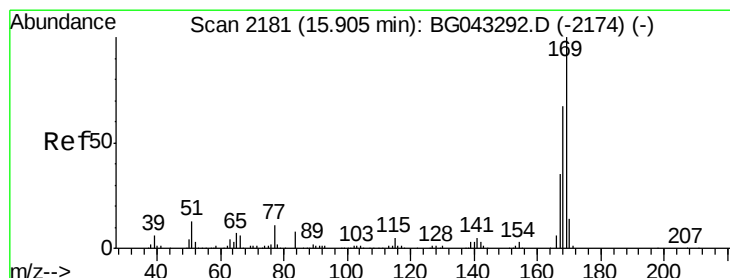
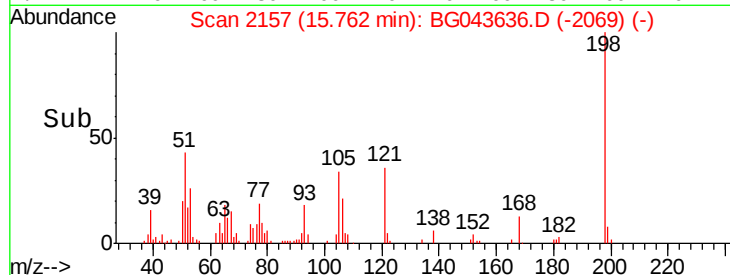
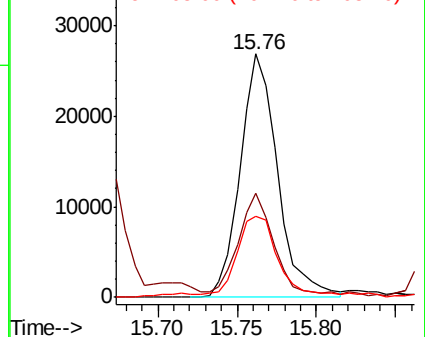
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 32.187 ng

RT: 15.89 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

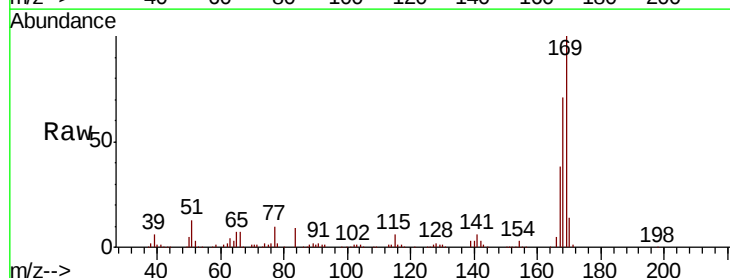
Tgt Ion:169 Resp: 216116

Ion Ratio Lower Upper

169 100

168 71.0 53.8 80.6

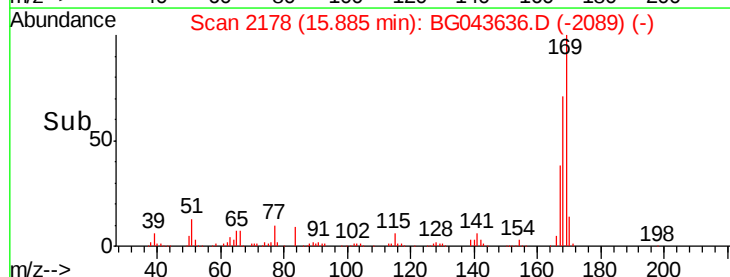
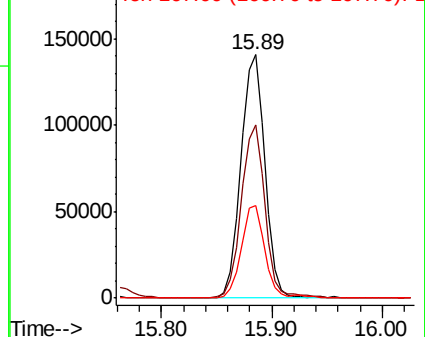
167 38.1 27.5 41.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





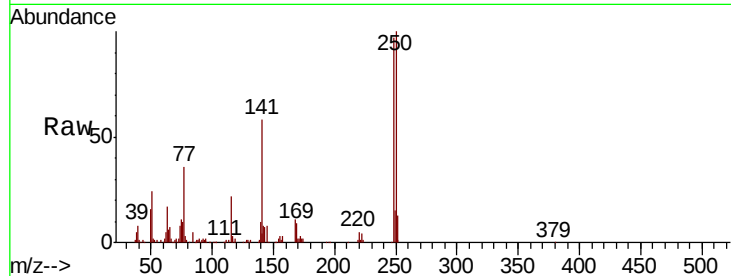
#67
4-Bromophenyl-phenylether
Concen: 30.260 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	102.7	77.0	115.4
141	60.0	47.5	71.3

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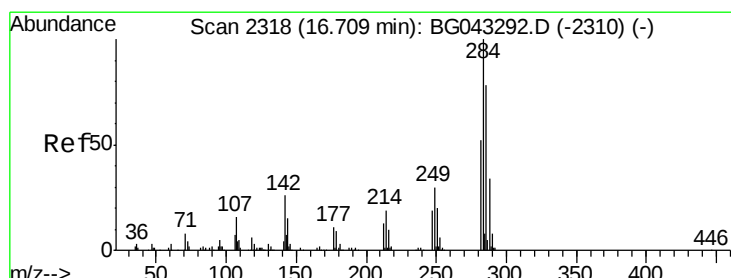
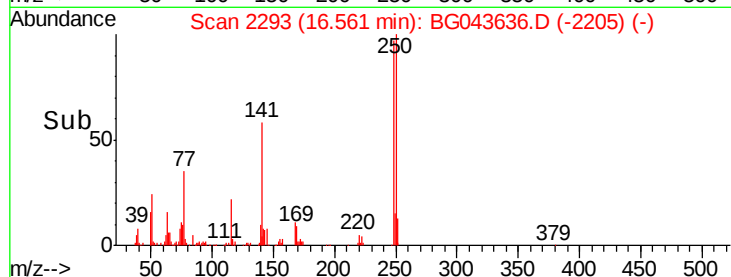
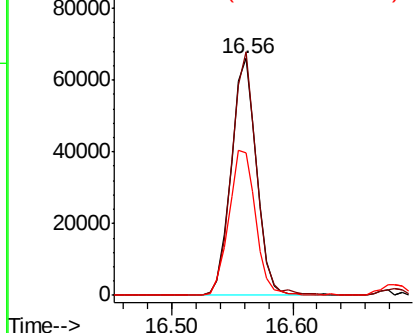


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 30.371 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

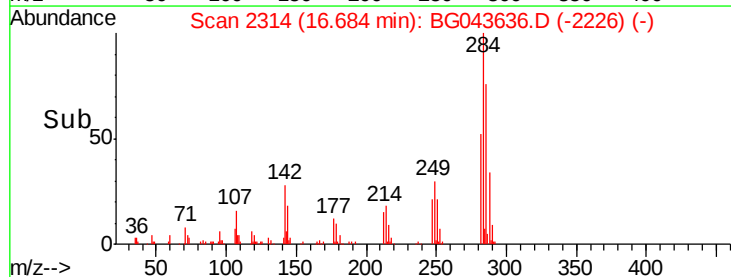
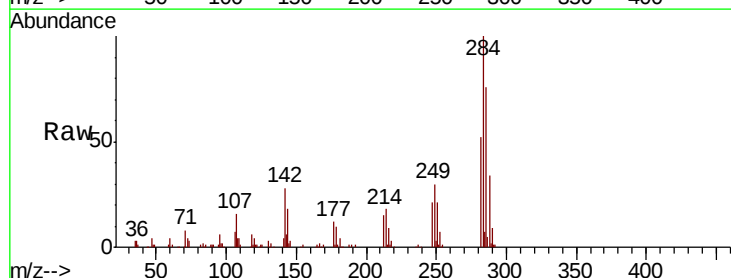
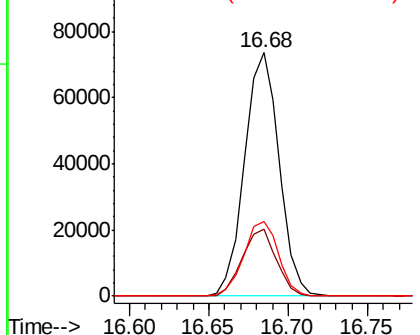
Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	19.8	29.8
249	30.5	23.8	35.6

Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





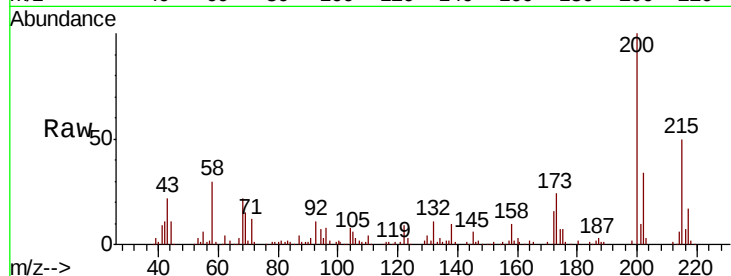
#69
 Atrazine
 Concen: 40.683 ng
 RT: 16.83 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	94919		
173	24.1		4.7	44.7
215	50.0		28.5	68.5

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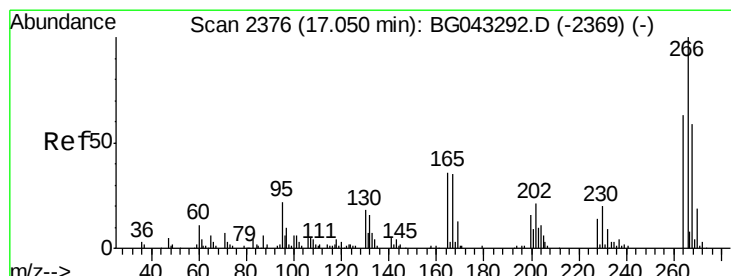
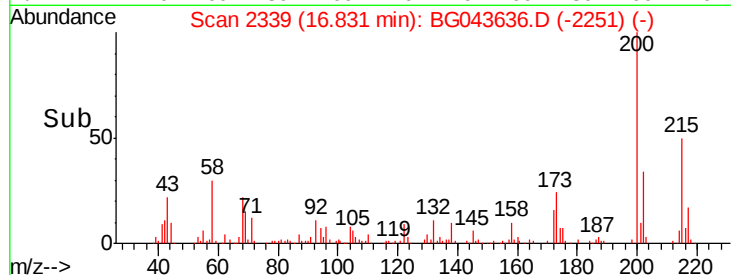
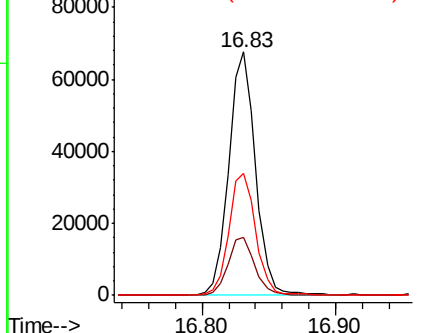


Abundance

Ion 200.00 (199.70 to 200.70): E

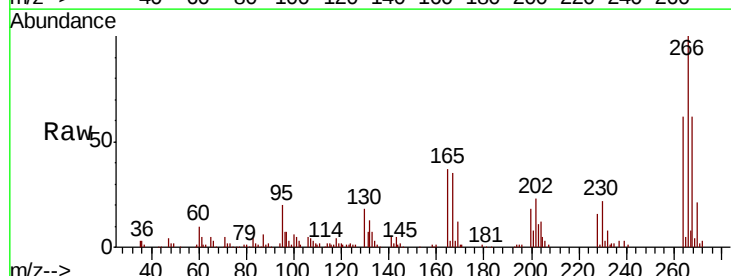
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 53.473 ng
 RT: 17.04 min Scan# 2374
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	89516		
268	61.7		50.4	75.6
264	61.9		48.9	73.3

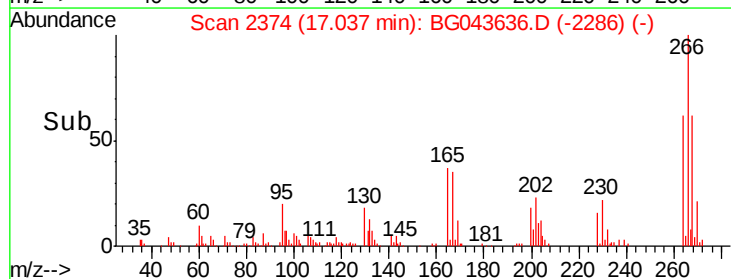
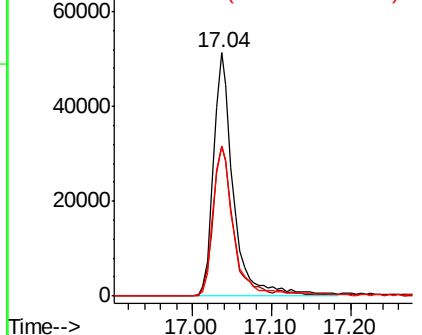


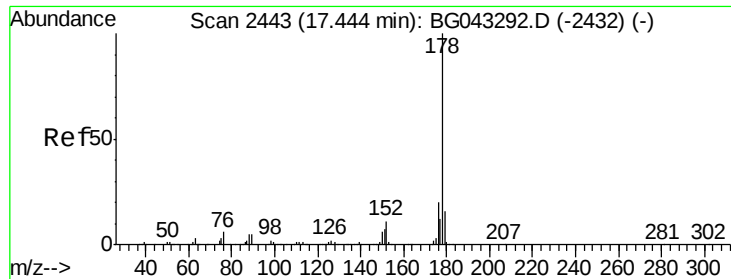
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





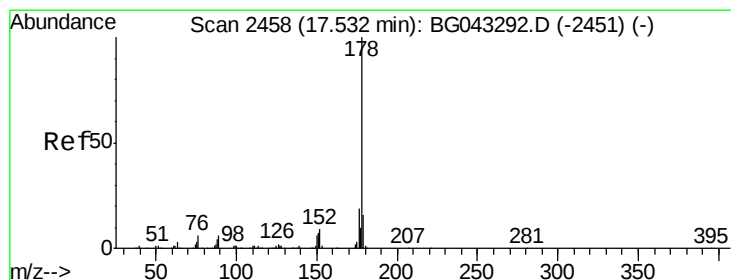
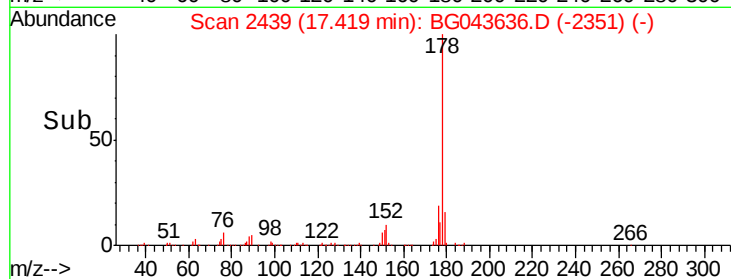
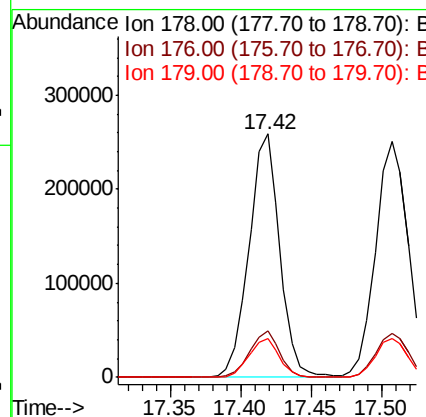
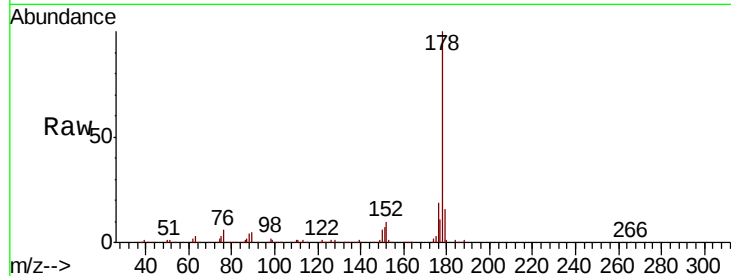
#71
Phenanthrene
Concen: 32.459 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	16.1	13.0	19.6

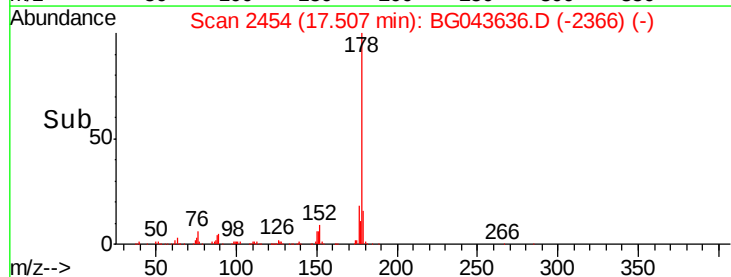
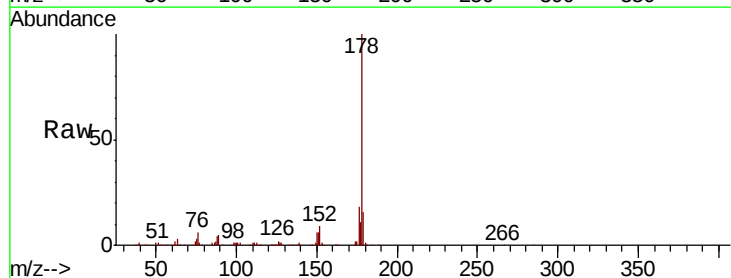
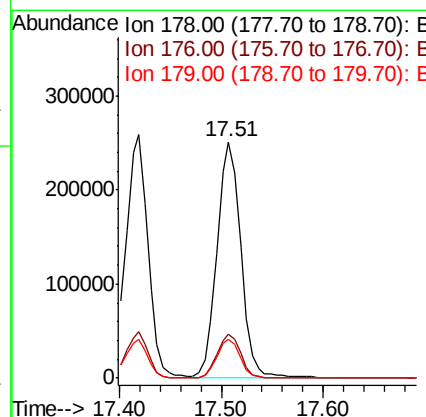
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#72
Anthracene
Concen: 33.527 ng
RT: 17.51 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	16.5	13.7	20.5





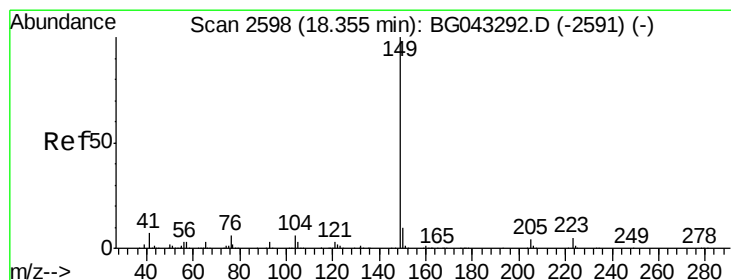
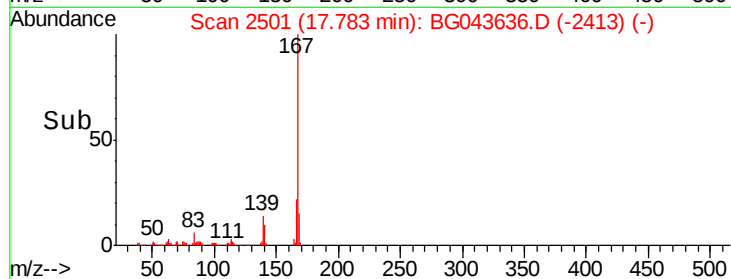
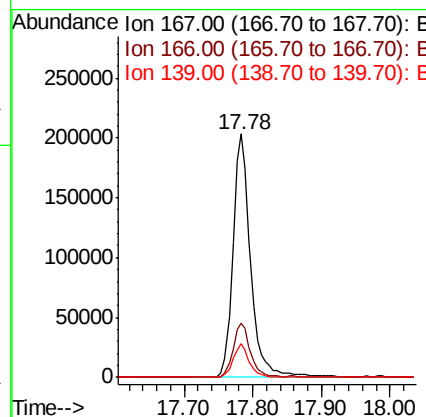
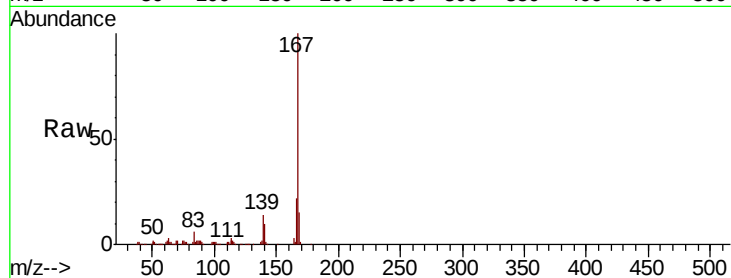
#73
 Carbazole
 Concen: 32.958 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	363668		
166	22.1		18.7	28.1
139	13.7		10.0	15.0

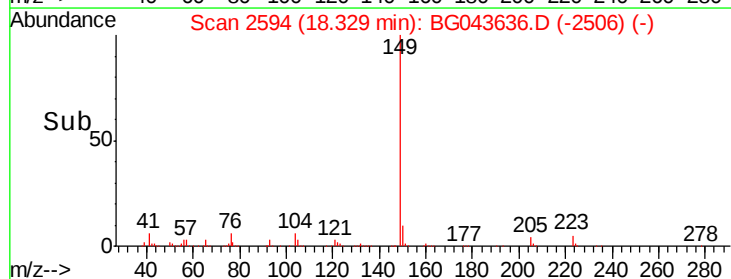
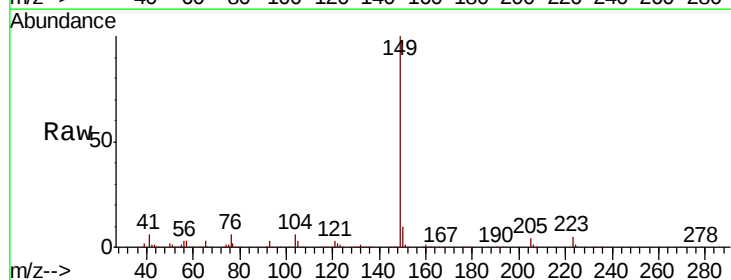
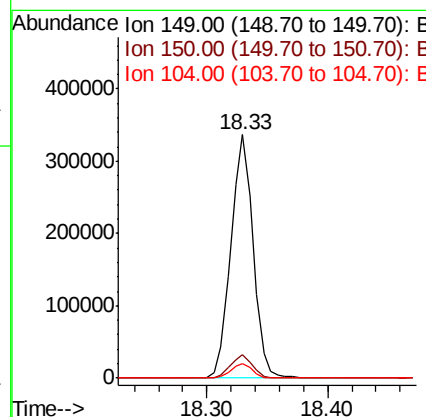
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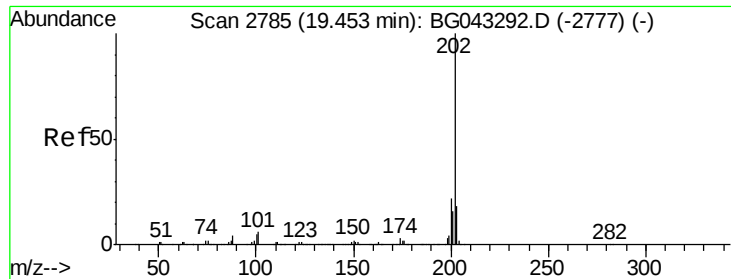
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#74
 Di-n-butylphthalate
 Concen: 32.168 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	430674		
150	9.6		8.0	12.0
104	6.0		4.4	6.6





#75

Fluoranthene

Concen: 32.971 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

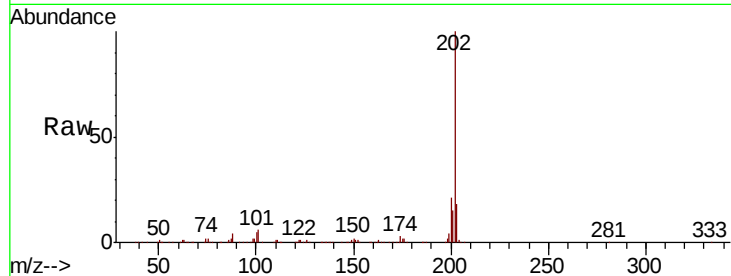
ClientSampleId :

TP-14B-SMS

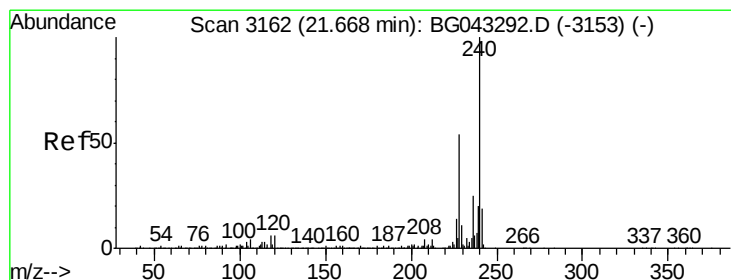
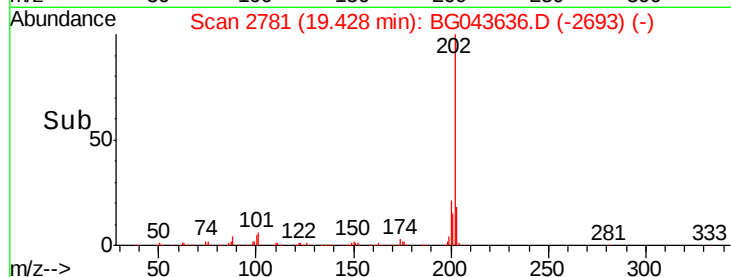
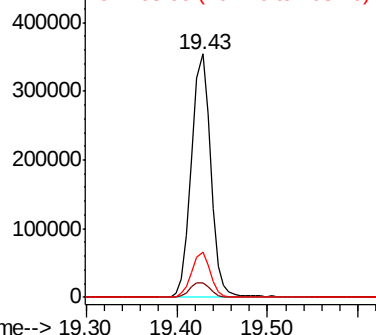
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		523478		
101	6.2	0.0	26.3		
203	18.4	0.0	37.9		

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

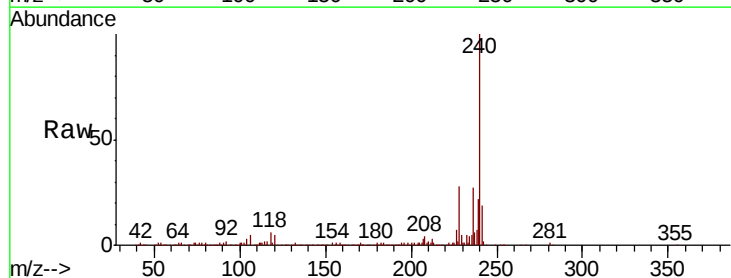
RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

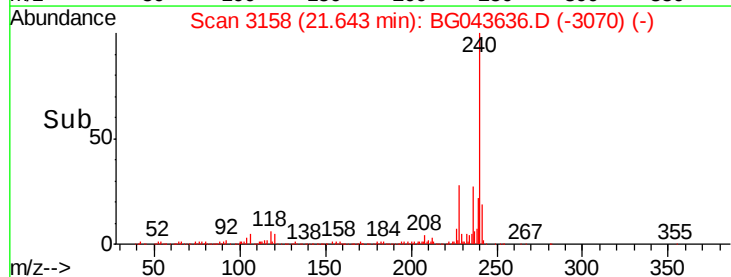
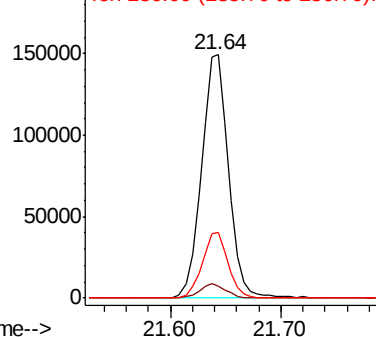
Lab File: BG043636.D

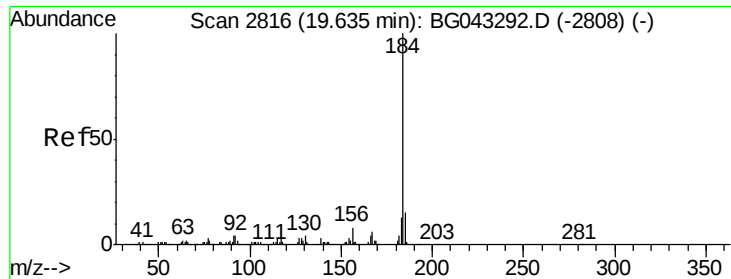
Acq: 14 Nov 2019 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		255256		
120	5.0	4.6	6.8		
236	26.9	19.8	29.8		



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 52.229 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

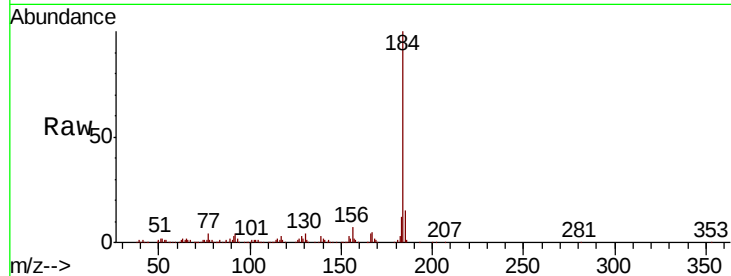
ClientSampleId :

TP-14B-SMS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	268308		
185	14.8		11.0	16.4
183	12.1		10.0	15.0

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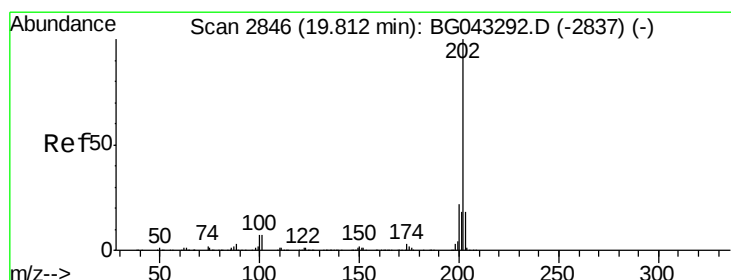
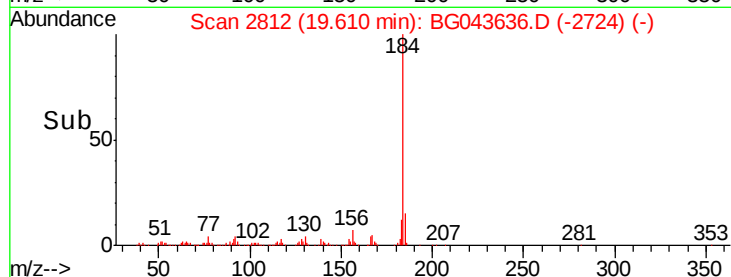
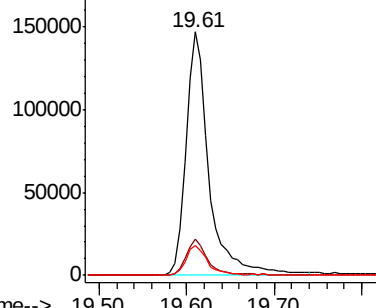


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 33.850 ng

RT: 19.79 min Scan# 2842

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

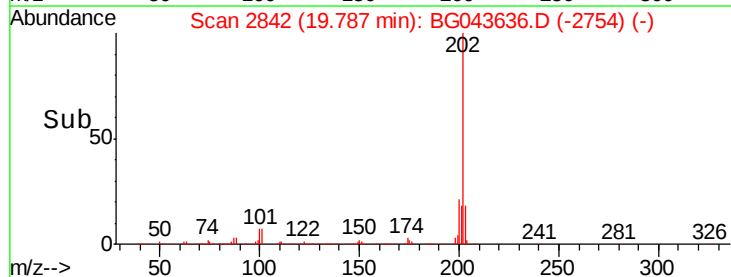
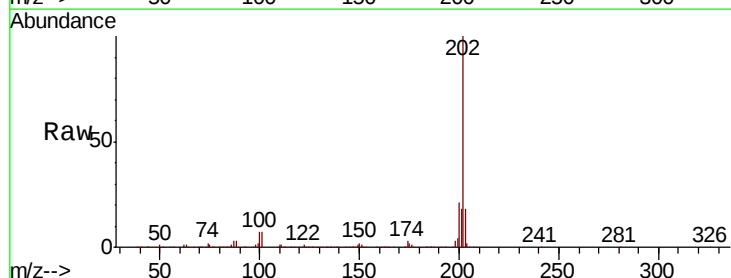
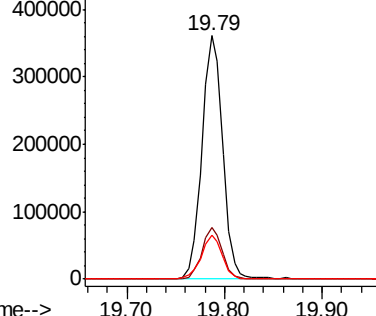
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	534835		
200	21.4		17.0	25.4
203	18.2		14.7	22.1

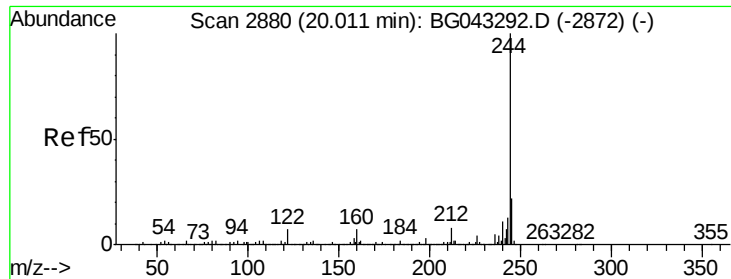
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.390 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

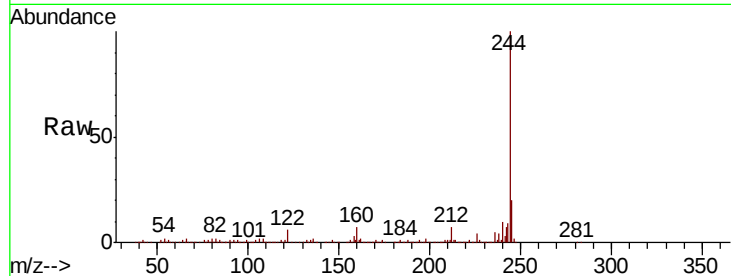
ClientSampleId :

TP-14B-SMS

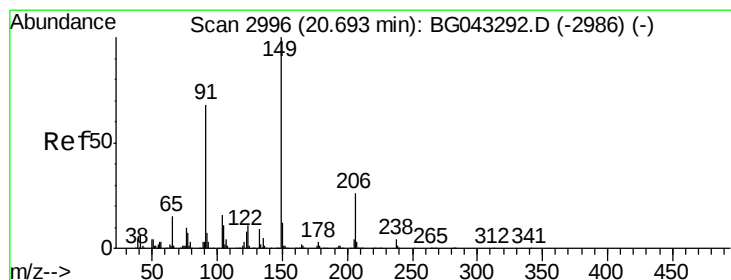
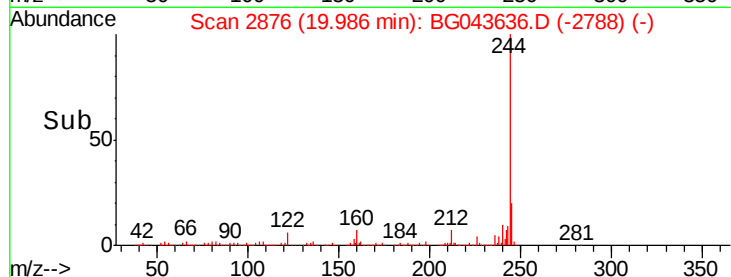
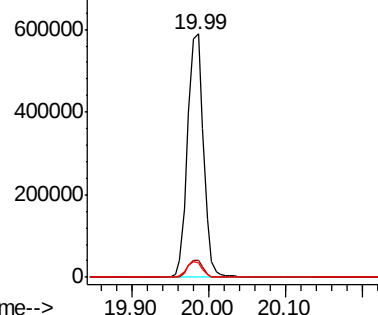
Tot Ion:	244	Resp:	835268
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.8	8.6
122	6.1	5.4	8.2

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Abundance Ion 244.00 (243.70 to 244.70): E
800000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 32.828 ng

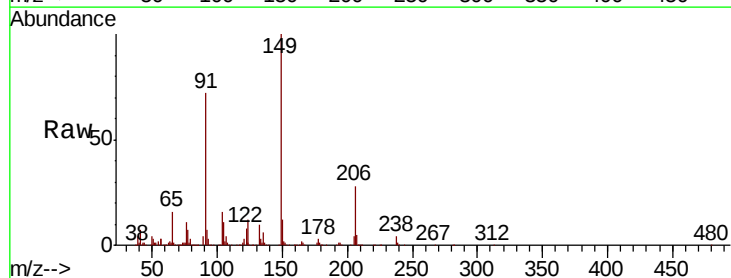
RT: 20.67 min Scan# 2992

Delta R.T. -0.02 min

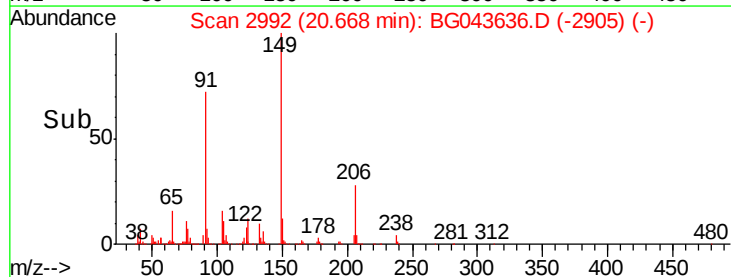
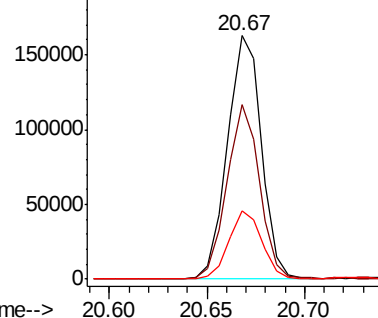
Lab File: BG043636.D

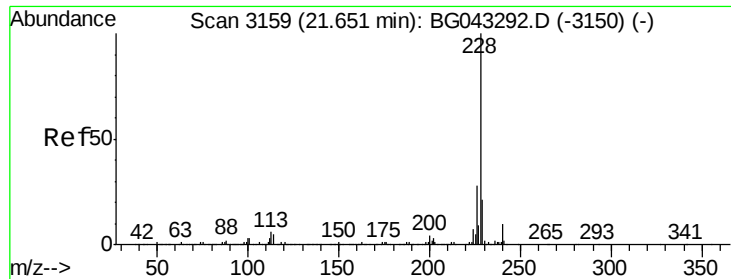
Acq: 14 Nov 2019 16:35

Tgt Ion:	149	Resp:	196510
Ion Ratio	Lower	Upper	
149	100		
91	71.6	51.2	76.8
206	28.2	22.5	33.7



Abundance Ion 149.00 (148.70 to 149.70): E
200000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





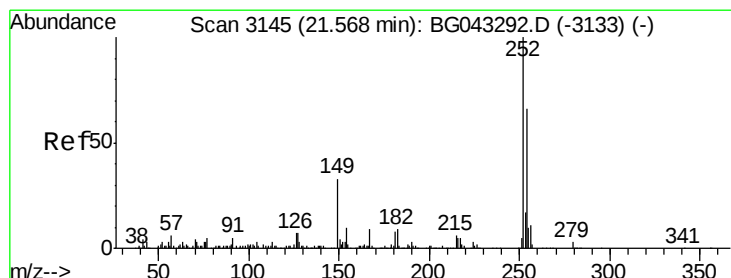
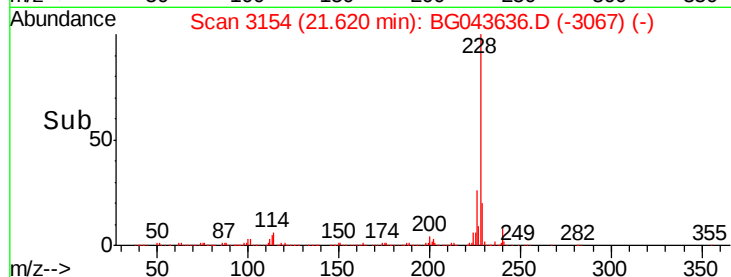
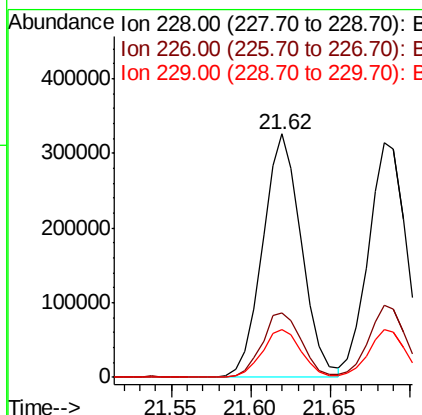
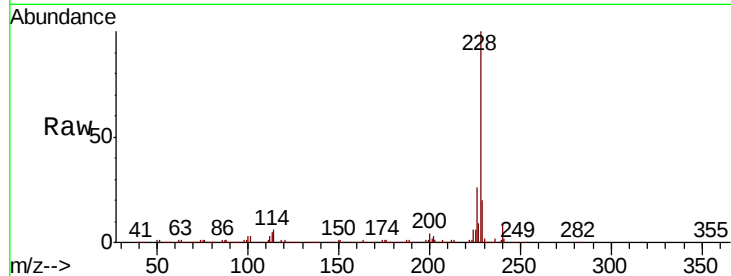
#81
Benzo(a)anthracene
Concen: 34.645 ng
RT: 21.62 min Scan# 3154
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.3	22.2	33.2
229	19.6	17.0	25.4

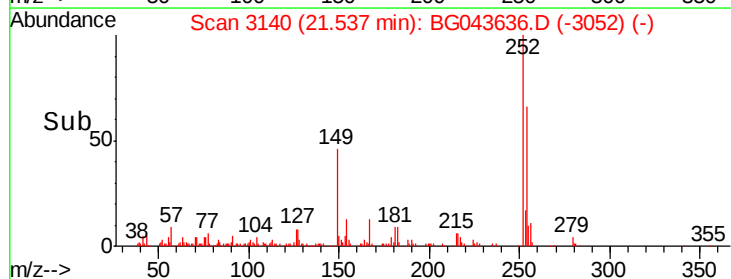
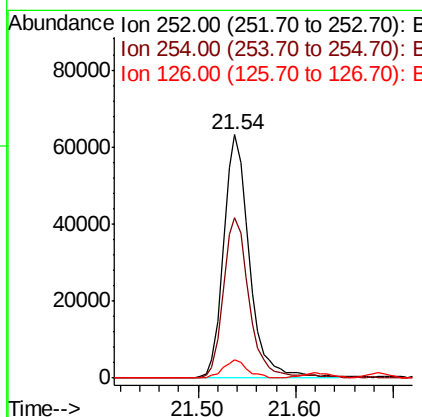
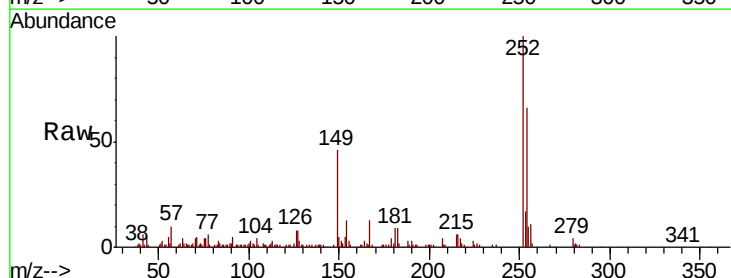
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#82
3,3'-Dichlorobenzidine
Concen: 18.699 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.8	50.8	76.2
126	7.6	6.1	9.1





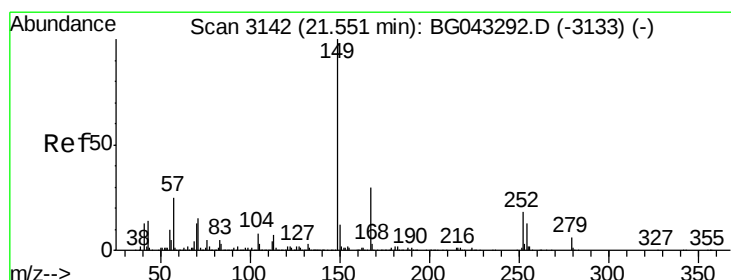
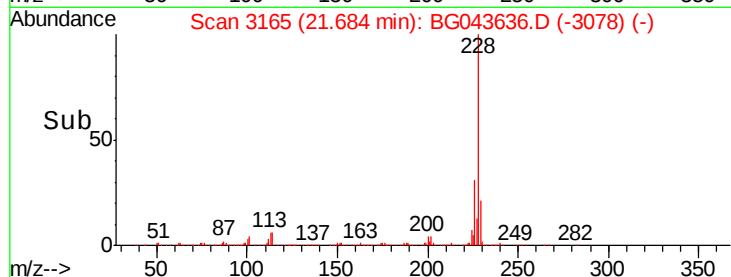
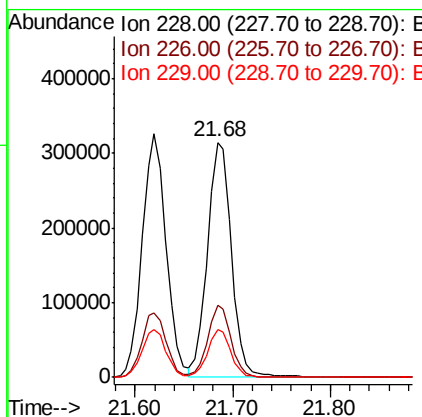
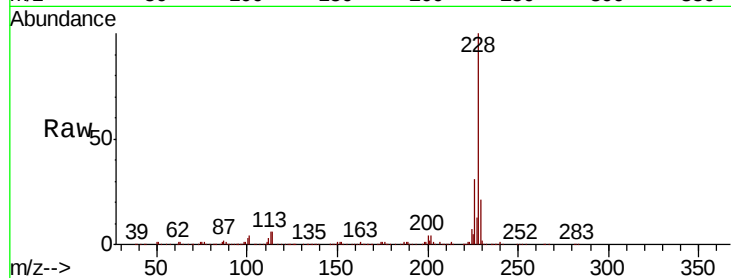
#83
 Chrysene
 Concen: 33.678 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.02 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Instrument :
 BNA_G
 ClientSampleId :
 TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.1	37.7
229	20.5	17.0	25.4

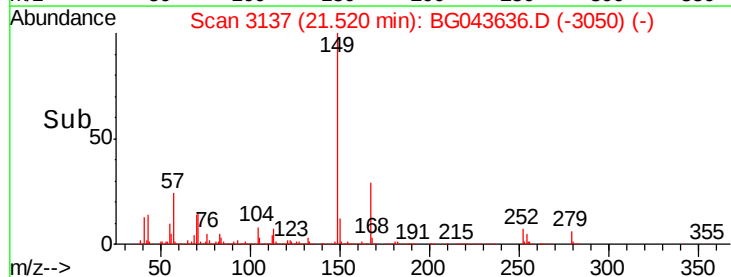
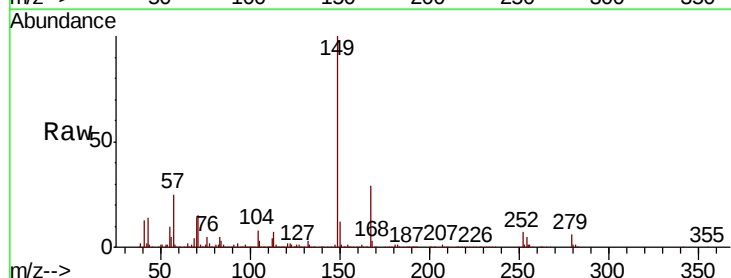
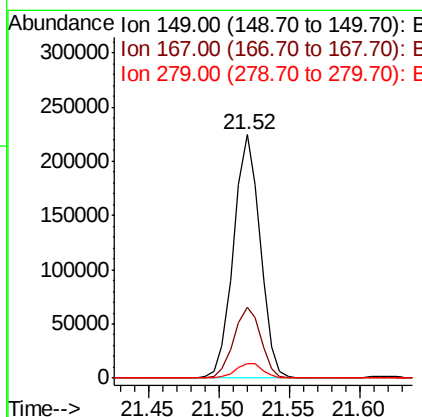
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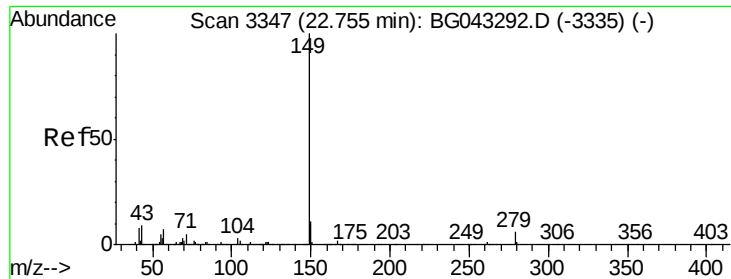
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 34.739 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG043636.D
 Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	24.0	36.0
279	6.1	5.4	8.2





#85

Di-n-octyl phthalate

Concen: 35.305 ng

RT: 22.71 min Scan# 3340

Delta R.T. -0.02 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

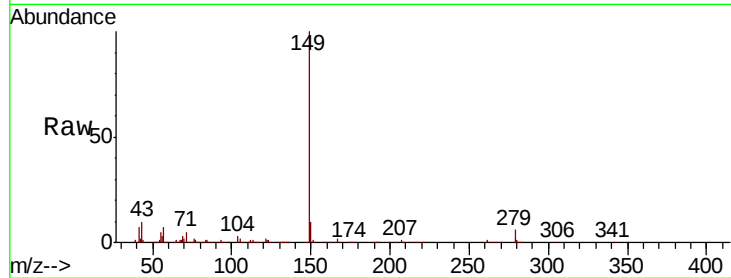
ClientSampleId :

TP-14B-SMS

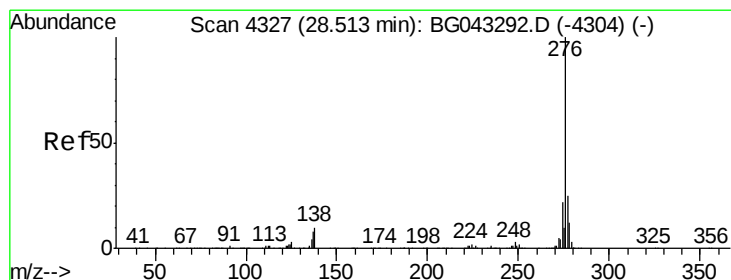
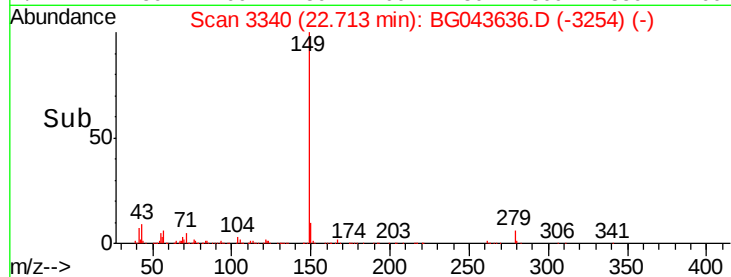
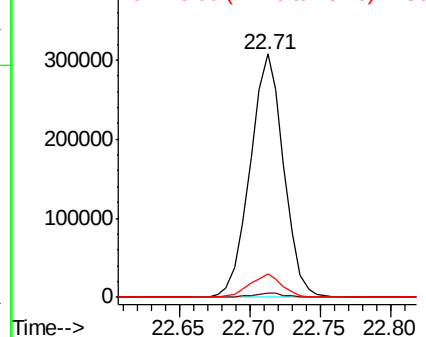
Tot Ion:	149	Resp:	509321
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.2
43	9.1	7.0	10.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.012 ng

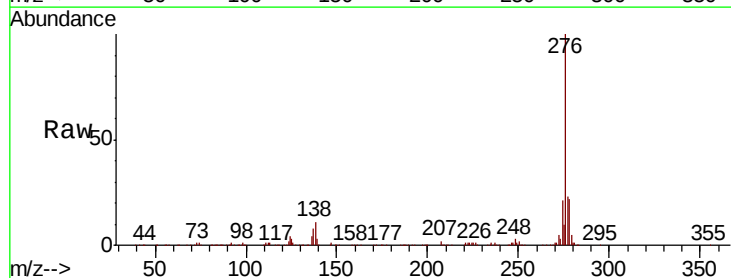
RT: 28.45 min Scan# 4317

Delta R.T. -0.04 min

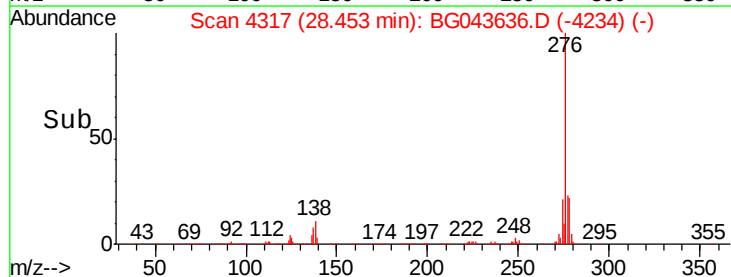
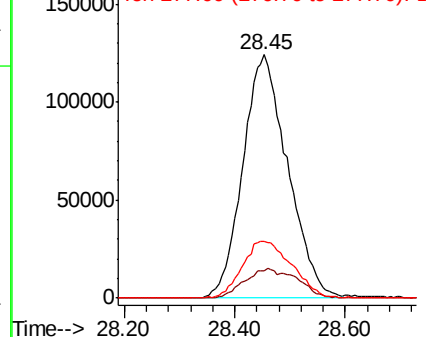
Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	276	Resp:	698183
Ion Ratio	Lower	Upper	
276	100		
138	9.2	6.8	10.2
277	25.9	20.9	31.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Instrument :

BNA_G

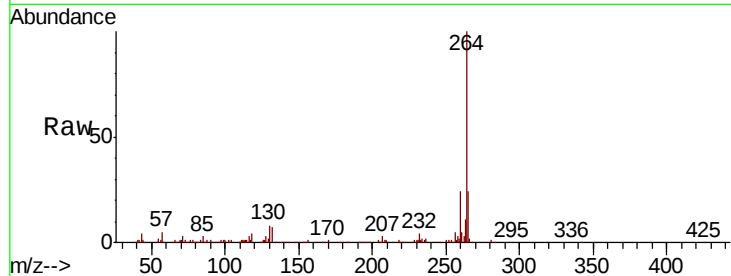
ClientSampleId :

TP-14B-SMS

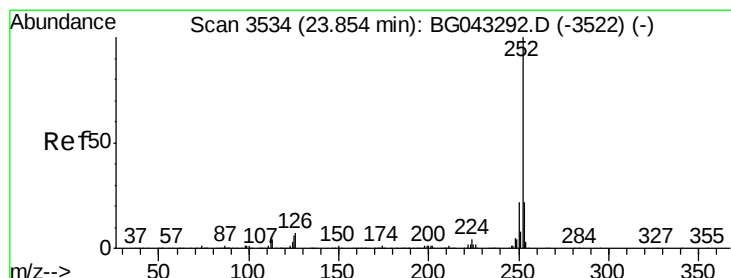
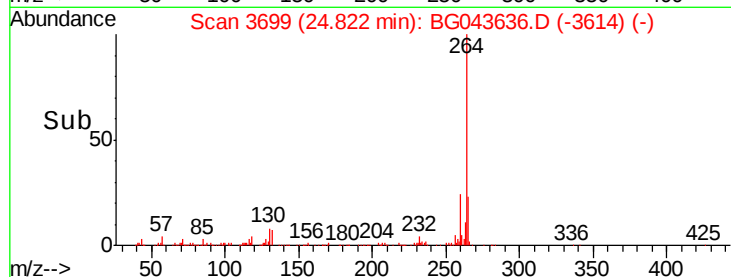
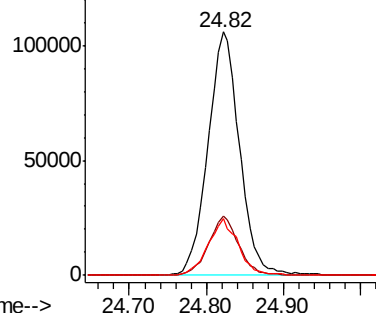
Tot Ion:	264	Resp:	303713
Ion Ratio	Lower	Upper	
264	100		
260	24.5	17.5	26.3
265	23.5	17.4	26.0

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 34.283 ng

RT: 23.81 min Scan# 3527

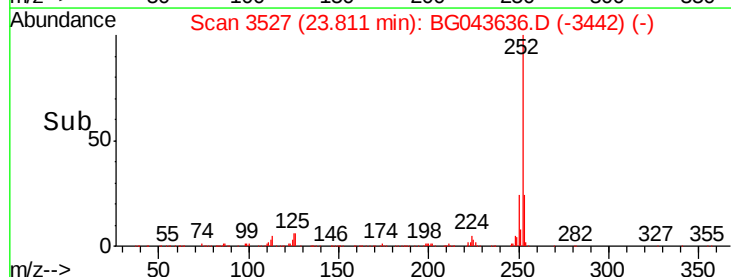
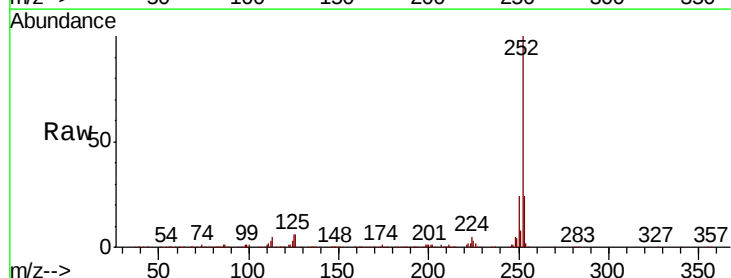
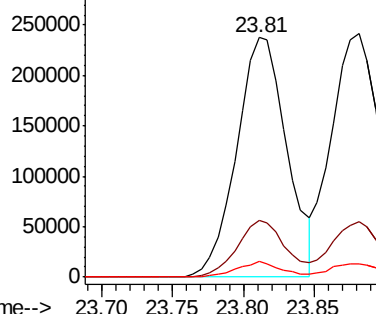
Delta R.T. -0.03 min

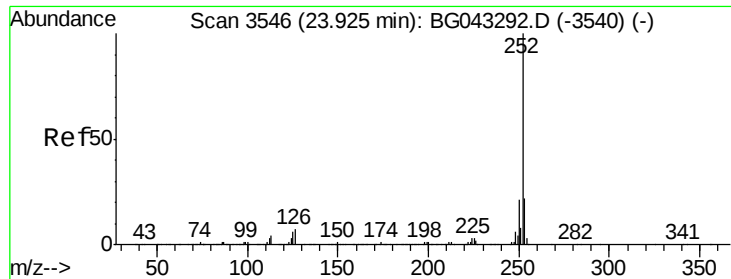
Lab File: BG043636.D

Acq: 14 Nov 2019 16:35

Tgt Ion:	252	Resp:	589719
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.7	26.5
125	6.3	4.5	6.7

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





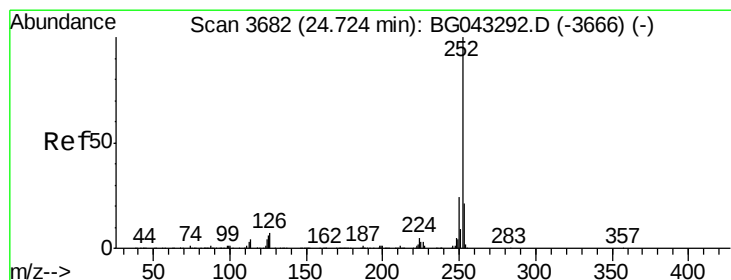
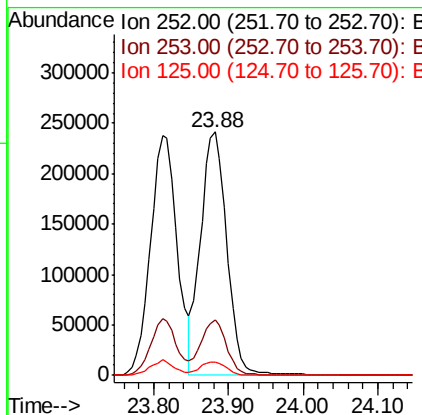
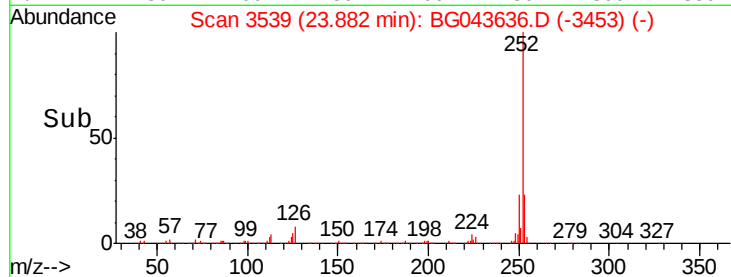
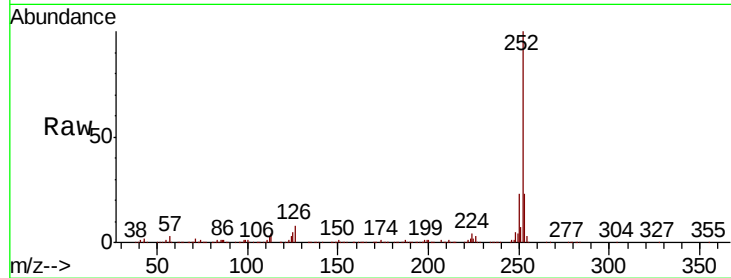
#89
Benzo(k)fluoranthene
Concen: 34.000 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	5.4	4.6	6.8

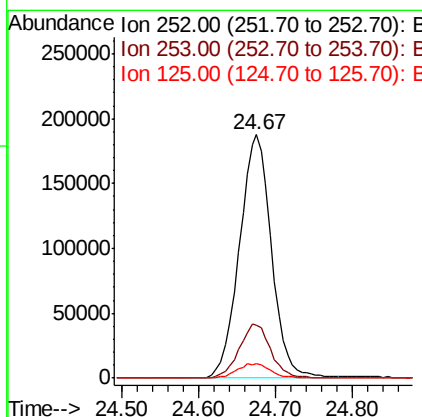
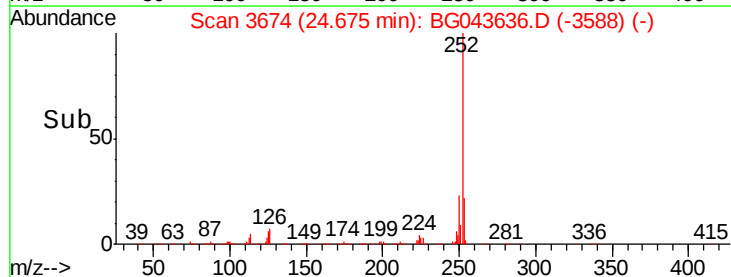
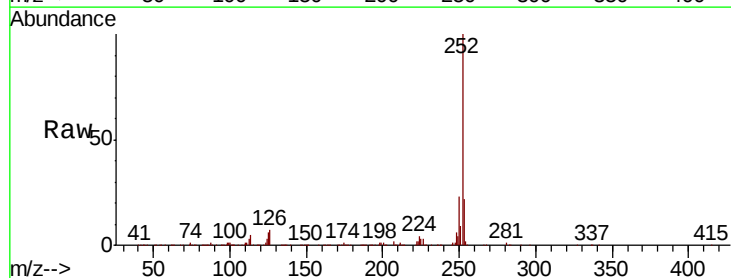
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#90
Benzo(a)pyrene
Concen: 33.181 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.02 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.8
125	5.7	5.4	8.2





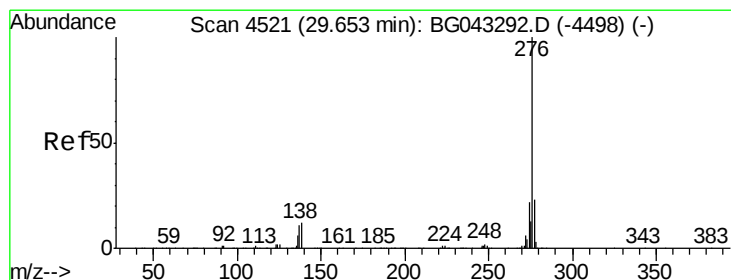
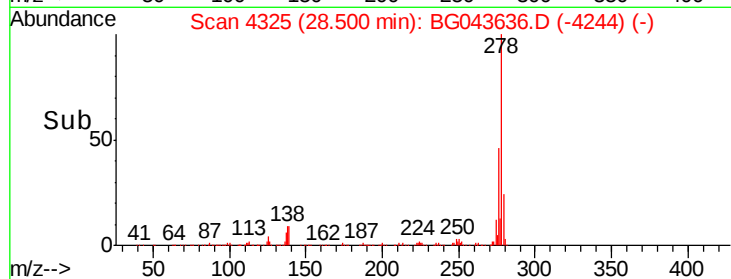
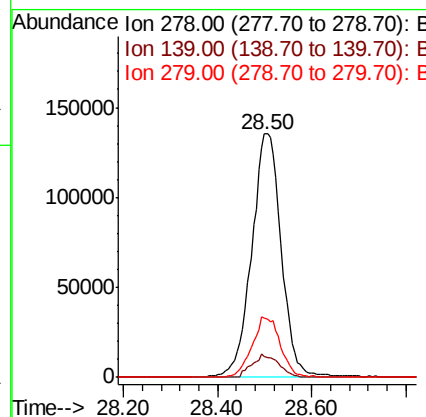
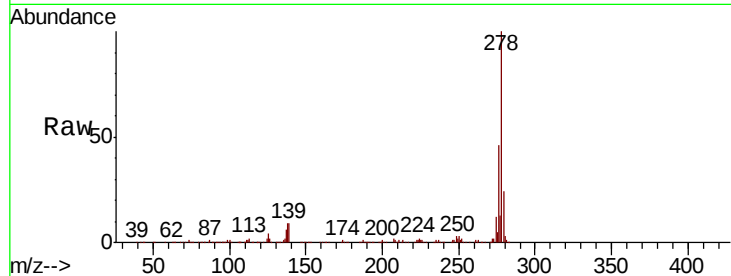
#91
Dibenzo(a,h)anthracene
Concen: 35.292 ng
RT: 28.50 min Scan# 4325
Delta R.T. -0.05 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Instrument :
BNA_G
ClientSampleId :
TP-14B-SMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	7.4	11.0
279	24.5	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 35.503 ng
RT: 29.59 min Scan# 4510
Delta R.T. -0.04 min
Lab File: BG043636.D
Acq: 14 Nov 2019 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.9	28.3
138	11.5	8.9	13.3

