

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
 Data File : BG042711.D
 Acq On : 4 Sep 2019 17:20
 Operator : HP/JU
 Sample : K4555-21MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Manual Integrations
 APPROVED

mohammad
 9/10/2019 9:50:36 AM

Quant Time: Sep 04 18:38:22 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32697	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	118803	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	90201	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	214187	20.00	ng	0.00
76) Chrysene-d12	21.69	240	231450	20.00	ng	0.00
87) Perylene-d12	24.93	264	274867	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	212835	131.83	ng	0.00
7) Phenol-d6	7.17	99	253812	116.39	ng	0.00
23) Nitrobenzene-d5	9.17	82	170604	99.24	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	203159	158.46	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	552259	103.55	ng	0.00
79) Terphenyl-d14	20.02	244	1095344	102.31	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	25366	37.650	ng	# 53
3) Pyridine	3.84	79	41942	24.278	ng	99
4) n-Nitrosodimethylamine	3.75	42	26641	43.175	ng	82
6) Aniline	7.32	93	37698	12.961	ng	97
8) 2-Chlorophenol	7.57	128	90550	46.280	ng	99
9) Benzaldehyde	7.13	77	24929	22.834	ng	97
10) Phenol	7.20	94	85252	38.449	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	71415	41.012	ng	96
12) 1,3-Dichlorobenzene	7.89	146	107496	43.188	ng	97
13) 1,4-Dichlorobenzene	8.04	146	110435	43.803	ng	96
14) 1,2-Dichlorobenzene	8.36	146	104126	43.127	ng	99
15) Benzyl Alcohol	8.24	79	67399	42.959	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	89267	37.822	ng	99
17) 2-Methylphenol	8.45	107	69409	42.501	ng	96
18) Hexachloroethane	9.09	117	36565	42.364	ng	94
19) n-Nitroso-di-n-propylamine	8.81	70	56169	39.757	ng	96
20) 3+4-Methylphenols	8.78	107	90581	40.083	ng	97
22) Acetophenone	8.83	105	130501	51.358	ng	# 97
24) Nitrobenzene	9.21	77	82823	47.574	ng	97
25) Isophorone	9.73	82	156852	46.230	ng	99
26) 2-Nitrophenol	9.93	139	55601	50.964	ng	92
27) 2,4-Dimethylphenol	9.99	122	84117	55.973	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	97783	45.726	ng	99
29) 2,4-Dichlorophenol	10.48	162	106264	54.045	ng	99
30) 1,2,4-Trichlorobenzene	10.69	180	123046	50.984	ng	98
31) Naphthalene	10.87	128	274096	49.694	ng	99
32) Benzoic acid	10.16	122	27513	29.102	ng	95
33) 4-Chloroaniline	11.00	127	13757	5.403	ng	96
34) Hexachlorobutadiene	11.16	225	83891	51.722	ng	99
35) Caprolactam	11.77	113	22888m	34.886	ng	
36) 4-Chloro-3-methylphenol	12.12	107	94070	50.399	ng	100
37) 2-Methylnaphthalene	12.48	142	224487	50.687	ng	98
38) 1-Methylnaphthalene	12.70	142	208664	49.601	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	156610	54.065	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	153445	100.845	nq	98
43) 2,4,6-Trichlorophenol	13.09	196	99843	50.993	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	108515	53.482	nq	96
46) 1,1'-Biphenyl	13.49	154	297686	51.055	nq	98
47) 2-Chloronaphthalene	13.54	162	245230	48.777	nq	99
48) 2-Nitroaniline	13.73	65	54456	44.917	nq	97
49) Acenaphthylene	14.38	152	389487	51.494	nq	99
50) Dimethylphthalate	14.11	163	326608	50.183	nq	99
51) 2,6-Dinitrotoluene	14.23	165	78374	51.952	nq	98
52) Acenaphthene	14.72	154	227794	49.597	nq	99
53) 3-Nitroaniline	14.57	138	31797	21.075	nq #	85
54) 2,4-Dinitrophenol	14.78	184	96018	93.291	nq	97
55) Dibenzofuran	15.06	168	395898	52.075	nq	99
56) 4-Nitrophenol	14.89	139	92234	86.034	nq	95
57) 2,4-Dinitrotoluene	15.03	165	110658	51.224	nq	99
58) Fluorene	15.71	166	323190	52.005	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	110502m	55.071	nq	
60) Diethylphthalate	15.47	149	313944	49.345	nq	99
61) 4-Chlorophenyl-phenylether	15.70	204	193134	51.554	nq	98
62) 4-Nitroaniline	15.73	138	73617	45.591	nq	92
63) Azobenzene	15.99	77	205849	47.218	nq	96
65) 4,6-Dinitro-2-methylphenol	15.80	198	72828	54.233	nq	99
66) n-Nitrosodiphenylamine	15.91	169	300852	51.076	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	137968	50.783	nq	96
68) Hexachlorobenzene	16.73	284	146319	49.543	nq	99
69) Atrazine	16.86	200	109774	52.700	nq	99
70) Pentachlorophenol	17.07	266	164313	107.077	nq	97
71) Phenanthrene	17.45	178	552117	51.895	nq	99
72) Anthracene	17.55	178	560235	52.748	nq	98
73) Carbazole	17.82	167	485456	51.285	nq	99
74) Di-n-butylphthalate	18.37	149	549408	49.101	nq	100
75) Fluoranthene	19.47	202	709575	54.649	nq	96
77) Benzidine	19.65	184	75754	11.416	nq	97
78) Pyrene	19.83	202	719555	50.708	nq	98
80) Butylbenzylphthalate	20.71	149	253048	45.339	nq	96
81) Benzo(a)anthracene	21.67	228	720066	51.143	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	181776	32.101	nq	97
83) Chrysene	21.74	228	699059	51.483	nq	100
84) Bis(2-ethylhexyl)phthalate	21.57	149	373217	48.162	nq	100
85) Di-n-octyl phthalate	22.78	149	645880	48.460	nq	99
86) Indeno(1,2,3-cd)pyrene	28.66	276	892127	48.346	nq #	96
88) Benzo(b)fluoranthene	23.91	252	808113	53.478	nq	98
89) Benzo(k)fluoranthene	23.98	252	772803	53.205	nq #	98
90) Benzo(a)pyrene	24.78	252	779783	54.381	nq	98
91) Dibenzo(a,h)anthracene	28.71	278	756029	52.073	nq	98
92) Benzo(g,h,i)perylene	29.81	276	726849	50.056	nq	98

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



#1

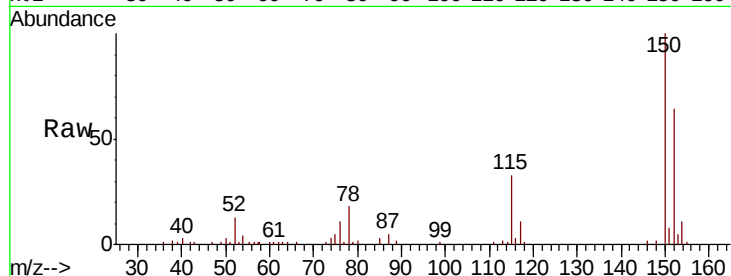
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	125.4	188.0
115	51.8	38.5	57.7

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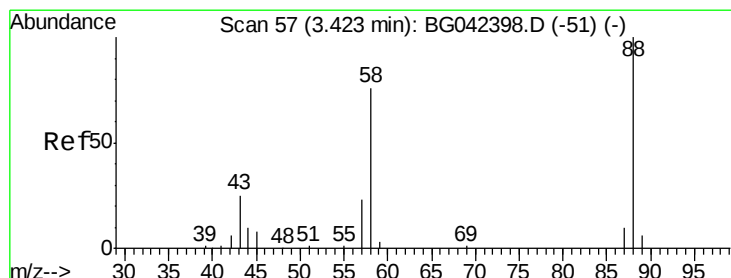
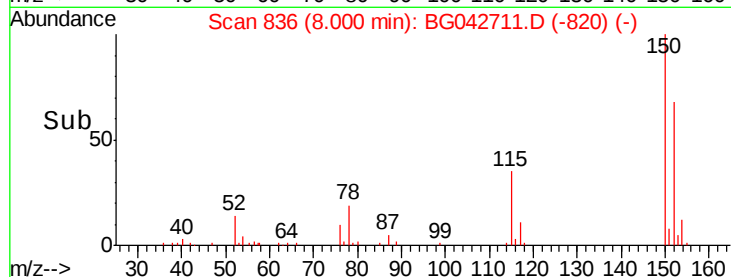
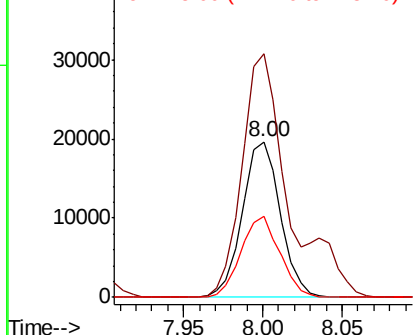


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

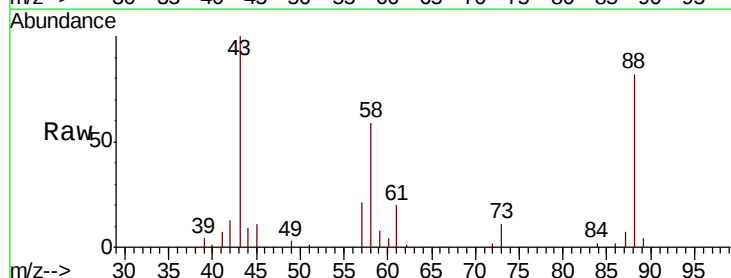
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.650 ng
RT: 3.44 min Scan# 59
Delta R.T. 0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	73.0	58.3	87.5
43	116.9	20.2	30.2#

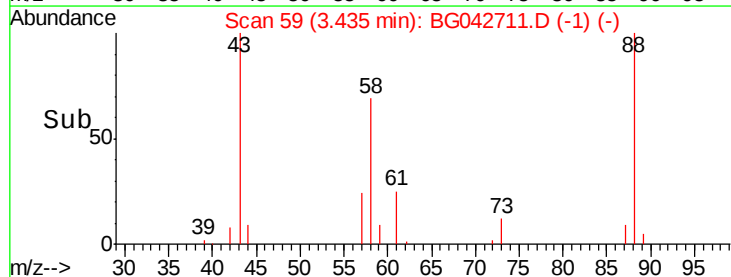
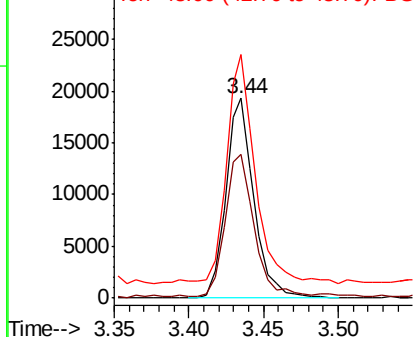


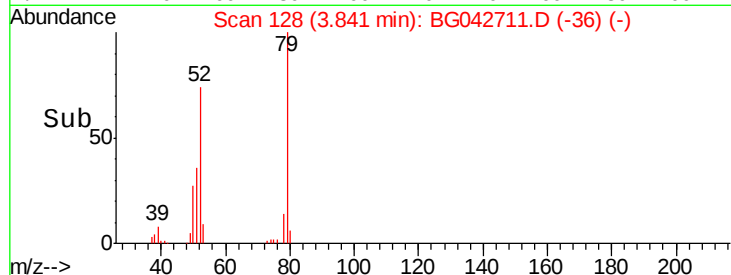
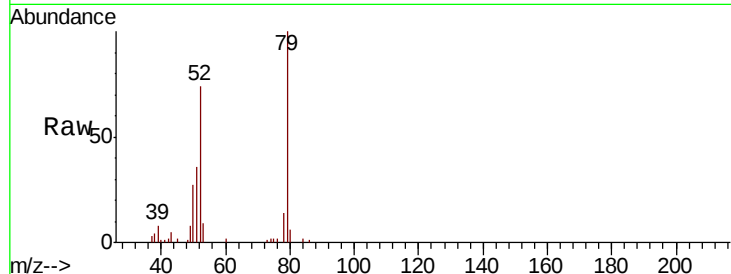
Abundance

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





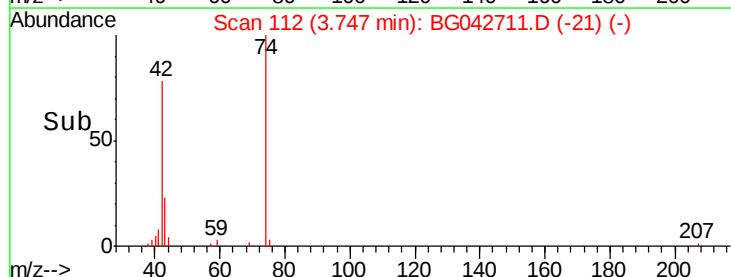
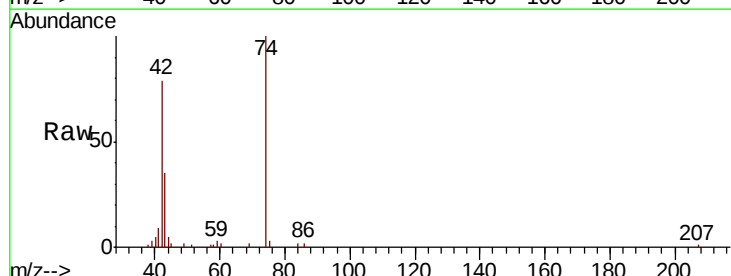
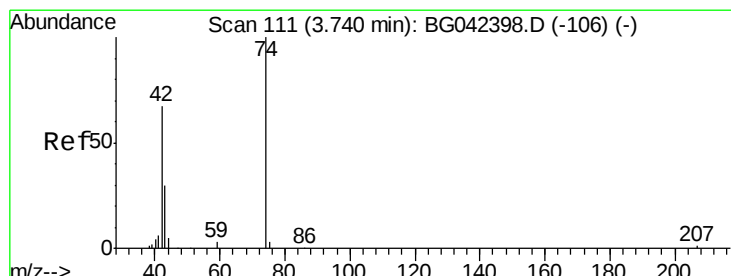
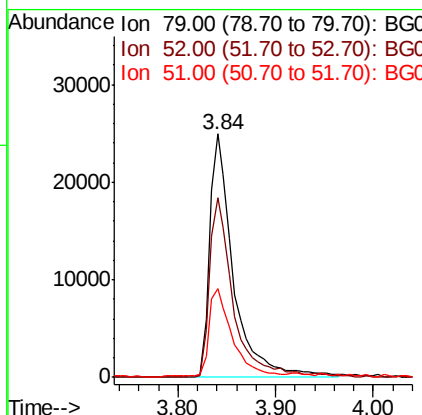
#3
Pvridine
Concen: 24.278 ng
RT: 3.84 min Scan# 128
Delta R.T. 0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	41942		
52	52	73.7		57.7	86.5
51	51	36.3		28.8	43.2

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ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

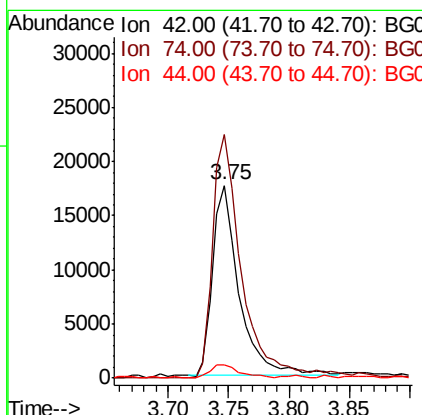
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#4
n-Nitrosodimethylamine
Concen: 43.175 ng
RT: 3.75 min Scan# 112
Delta R.T. 0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	26641		
74	74	126.4		119.6	179.4
44	44	6.5		6.5	9.7





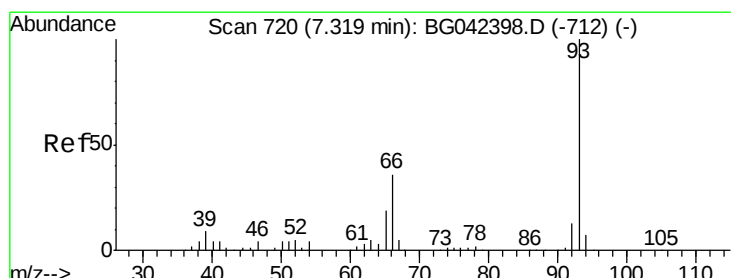
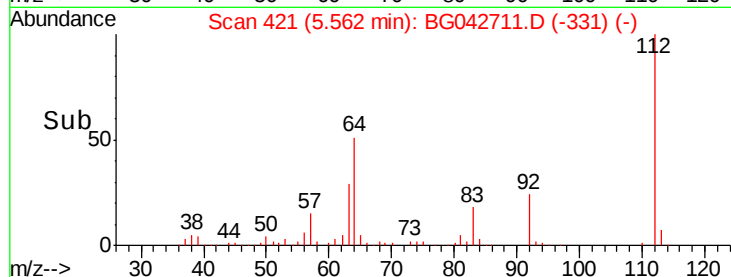
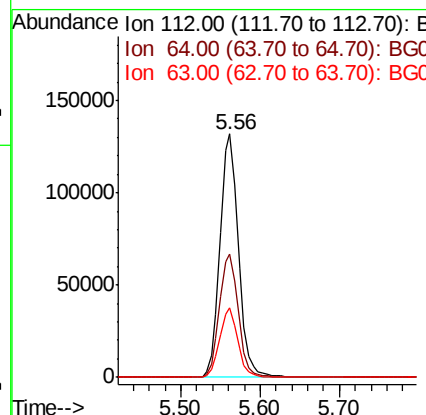
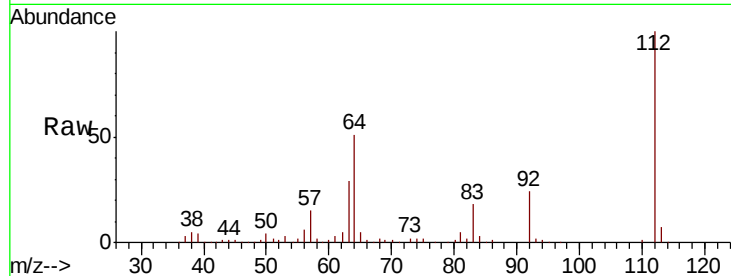
#5
2-Fluorophenol
Concen: 131.833 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	50.9	42.8	64.2
63	28.8	22.7	34.1

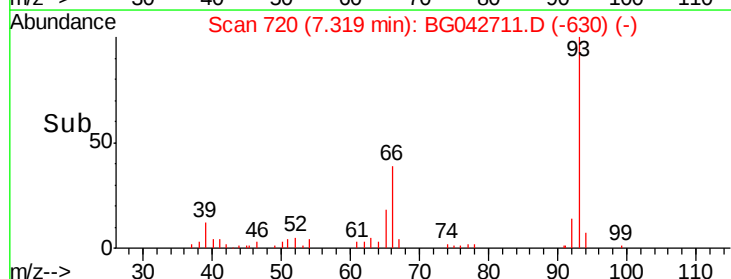
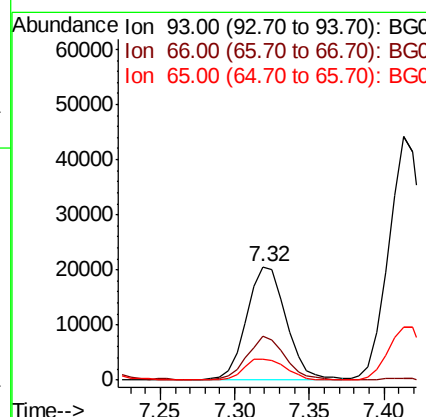
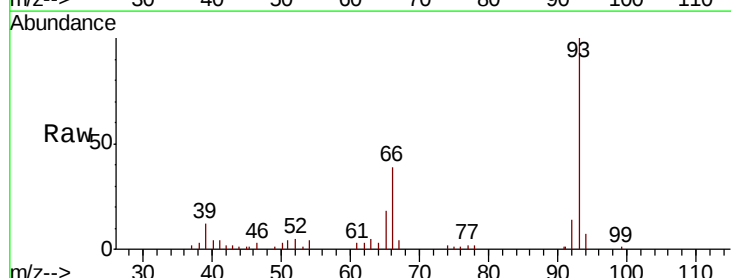
Manual Integrations
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#6
Aniline
Concen: 12.961 ng
RT: 7.32 min Scan# 720
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	38.6	29.0	43.6
65	18.0	15.2	22.8





#7

Phenol-d6

Concen: 116.388 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

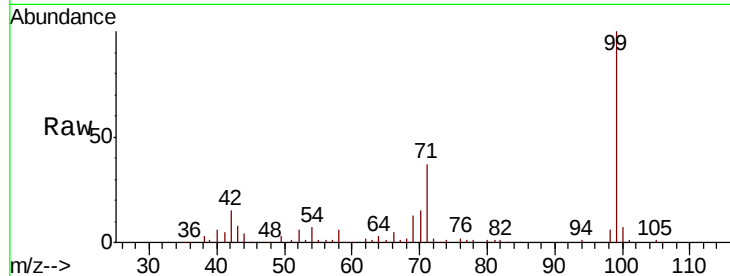
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

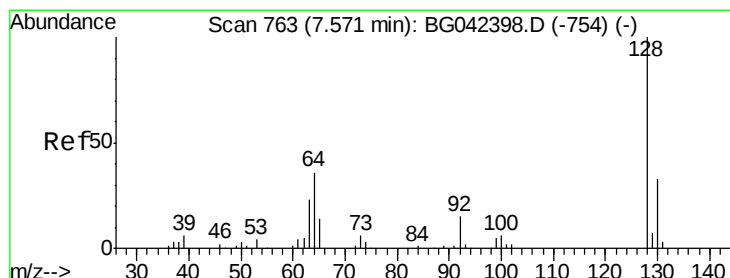
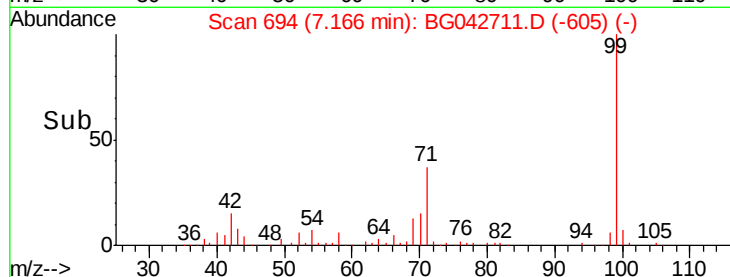
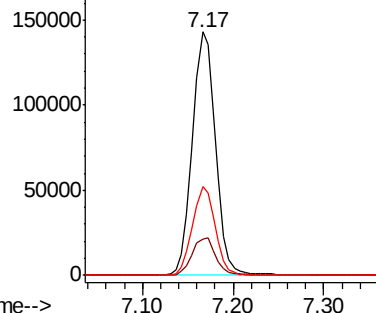
Tot Ion:	99	Resp:	253812
Ion Ratio	Lower	Upper	
99	100		
42	14.7	12.0	18.0
71	36.5	26.3	39.5

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 46.280 ng

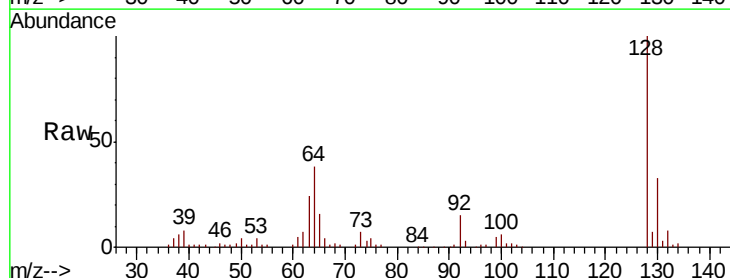
RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

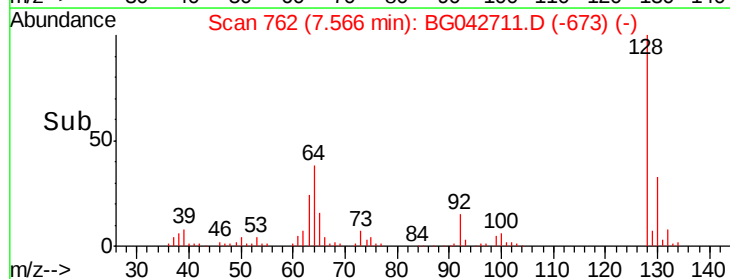
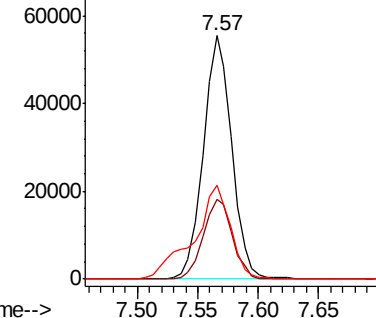
Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	128	Resp:	90550
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.8	52.8
64	38.4	19.2	59.2



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 22.834 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

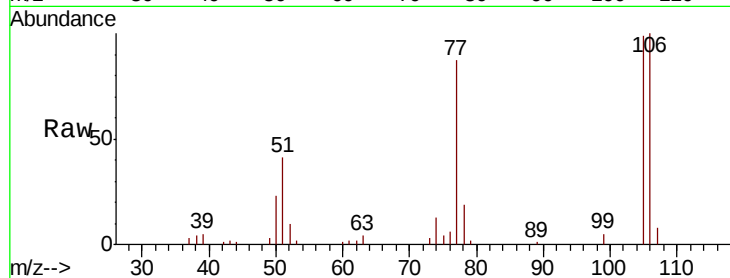
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

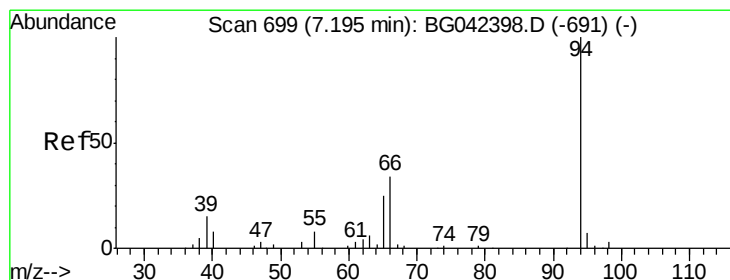
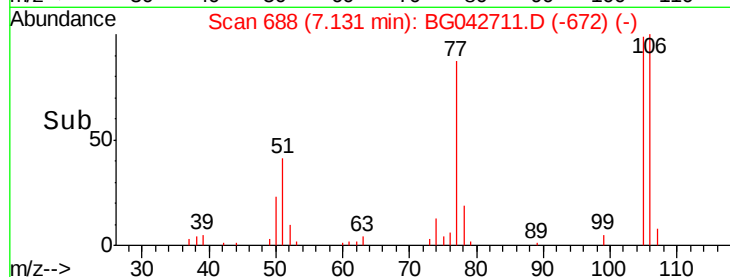
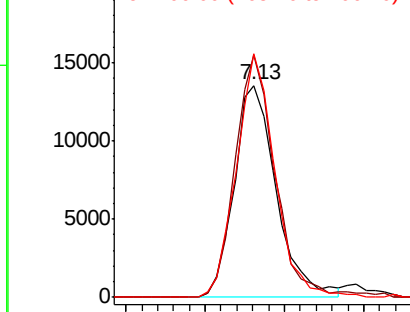
Tot Ion:	77	Resp:	24929
Ion	Ratio	Lower	Upper
77	100		
105	114.1	93.4	133.4
106	114.8	88.4	128.4

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 38.449 ng

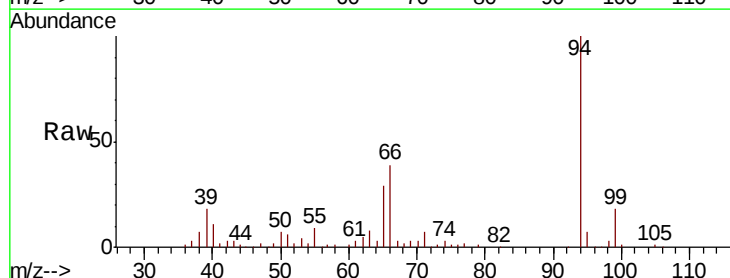
RT: 7.20 min Scan# 699

Delta R.T. 0.00 min

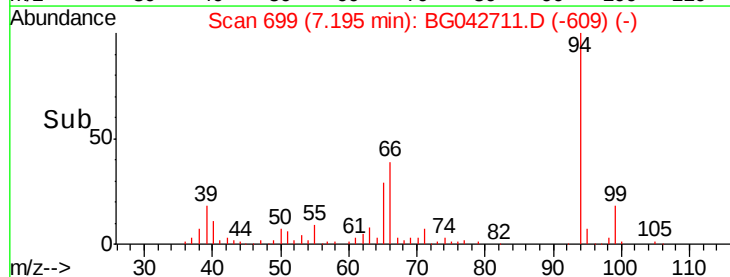
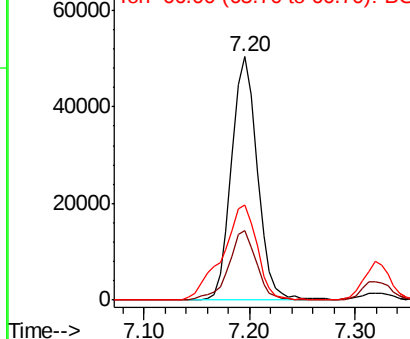
Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	94	Resp:	85252
Ion	Ratio	Lower	Upper
94	100		
65	28.8	5.6	45.6
66	39.1	16.0	56.0



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





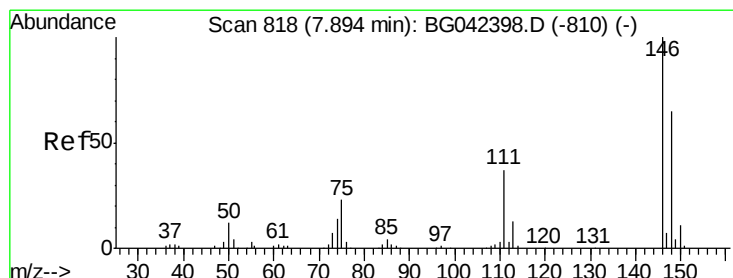
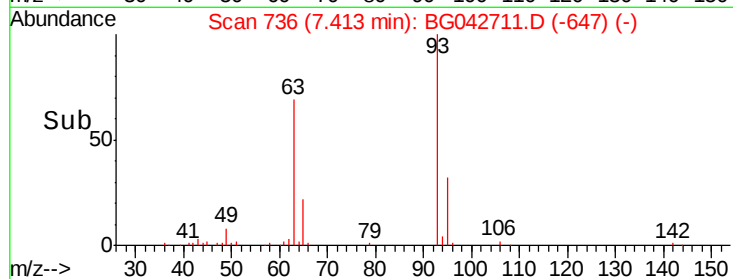
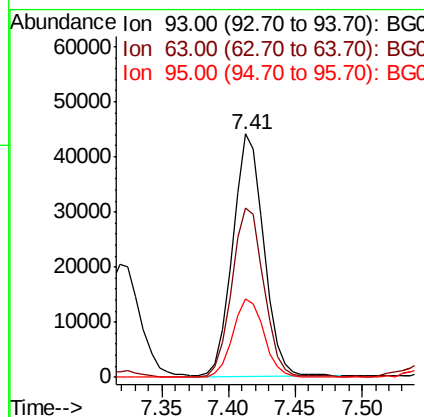
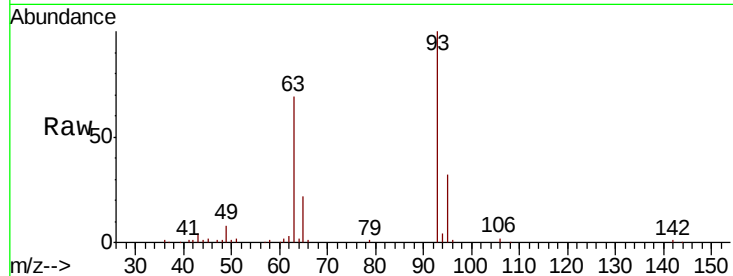
#11
bis(2-Chloroethyl)ether
Concen: 41.012 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.3	53.8	93.8
95	32.0	13.1	53.1

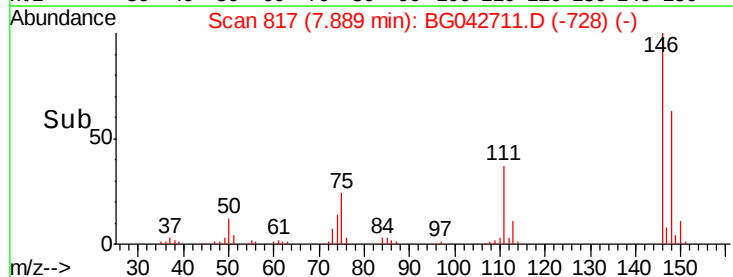
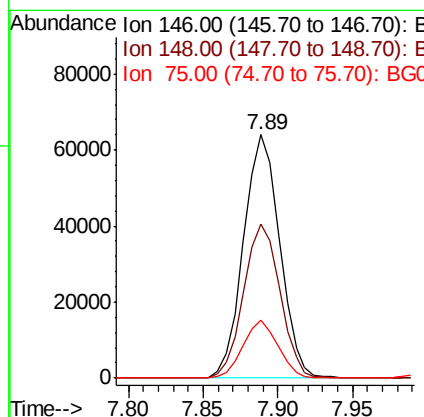
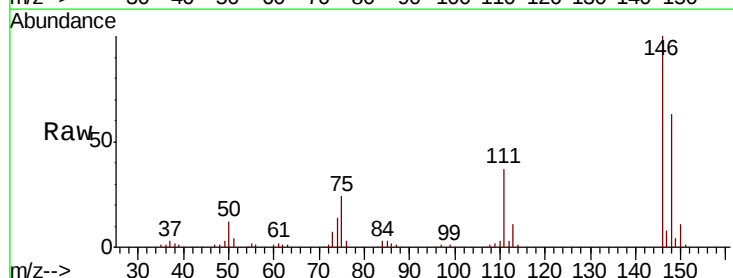
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#12
1,3-Dichlorobenzene
Concen: 43.188 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	52.2	78.2
75	23.8	18.0	27.0





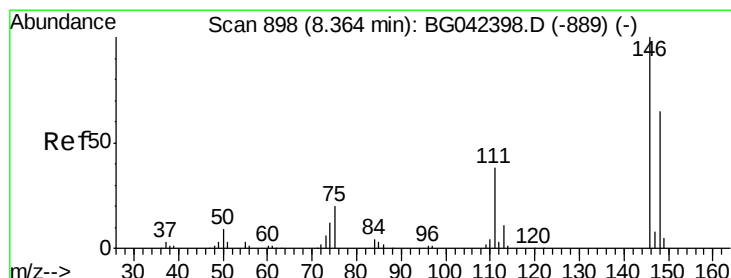
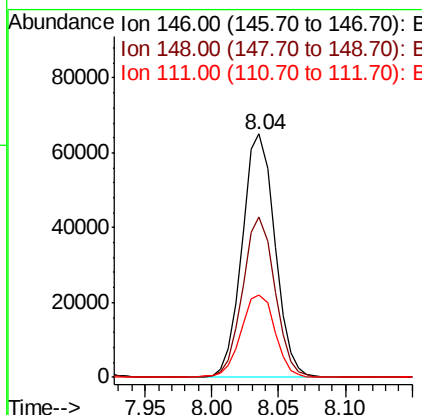
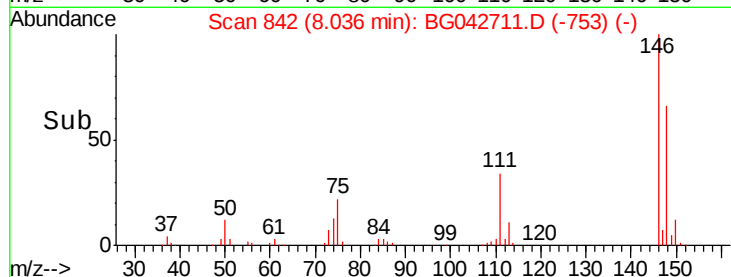
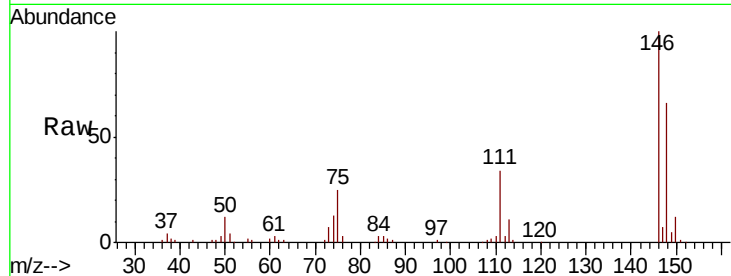
#13
1,4-Dichlorobenzene
Concen: 43.803 ng
RT: 8.04 min Scan# 842
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.9	49.5	74.3
111	33.9	28.1	42.1

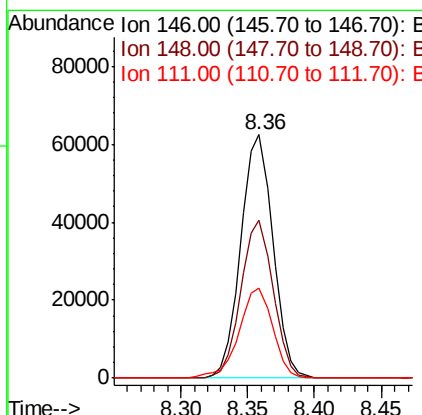
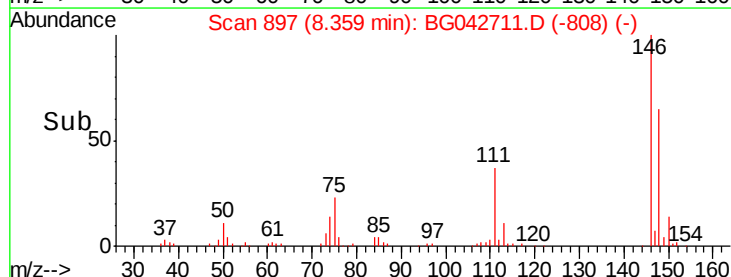
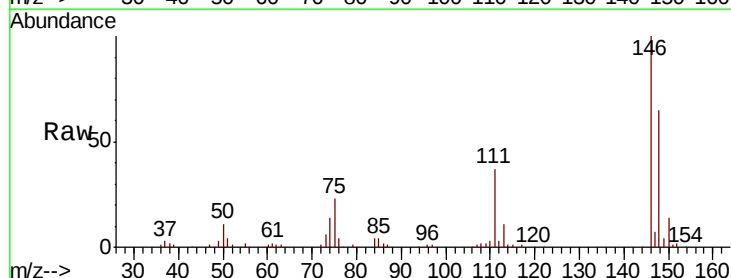
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#14
1,2-Dichlorobenzene
Concen: 43.127 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.6
111	36.8	30.9	46.3





#15

Benzyl Alcohol

Concen: 42.959 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

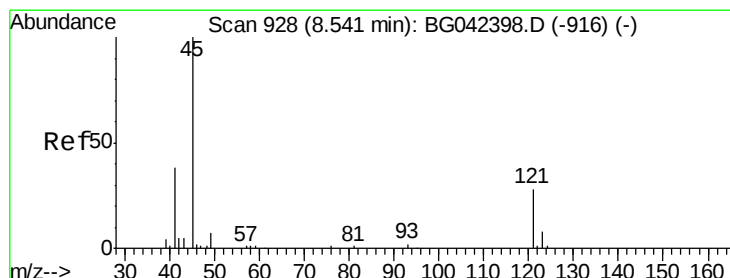
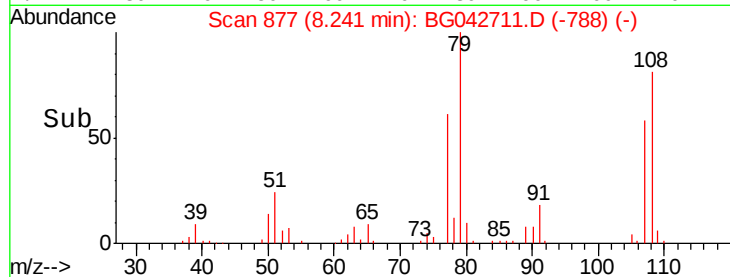
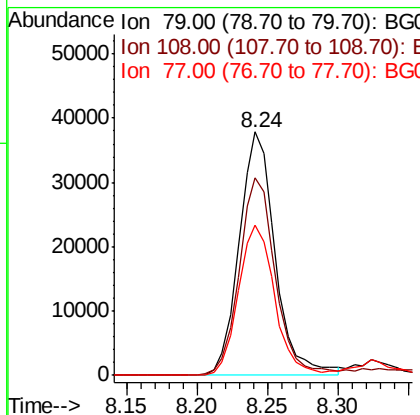
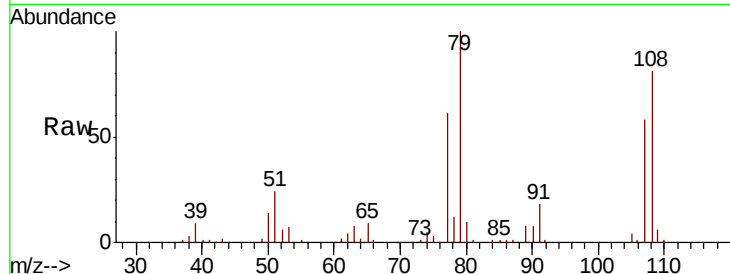
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

Tot Ion:	79	Resp:	67399
Ion	Ratio	Lower	Upper
79	100		
108	81.1	67.4	101.2
77	61.4	50.8	76.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.822 ng

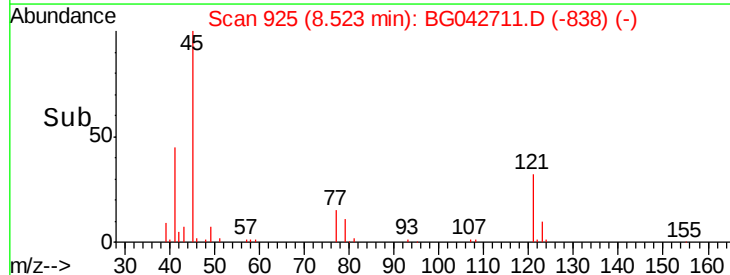
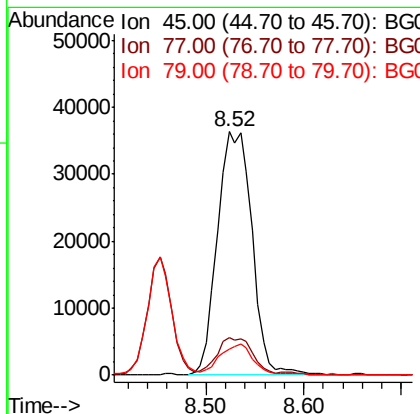
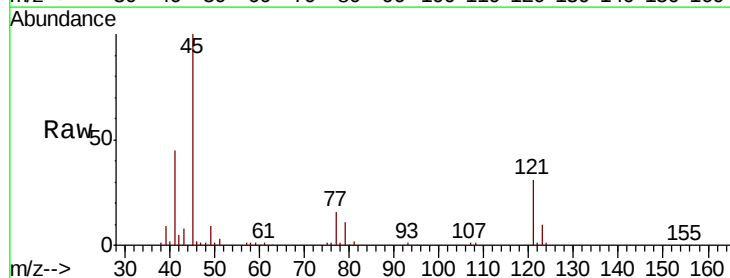
RT: 8.52 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	45	Resp:	89267
Ion	Ratio	Lower	Upper
45	100		
77	15.7	0.0	35.6
79	10.8	0.0	31.6





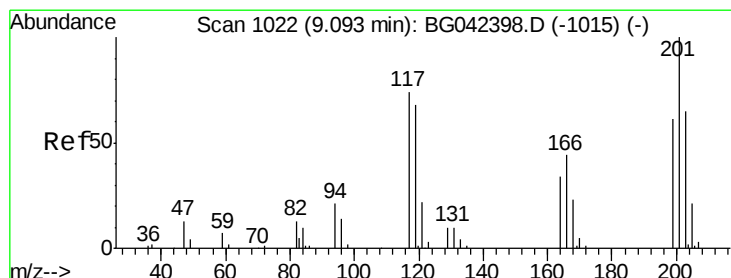
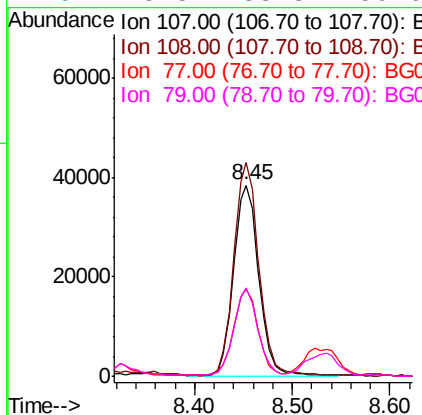
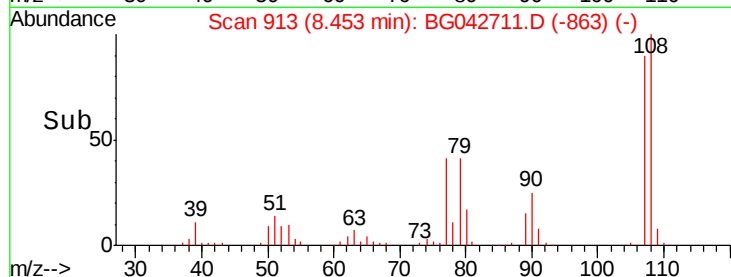
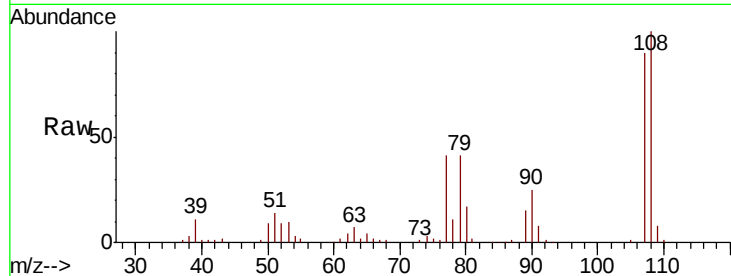
#17
2-Methylphenol
Concen: 42.501 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	92.9	139.3
77	45.7	34.4	51.6
79	45.8	33.8	50.6

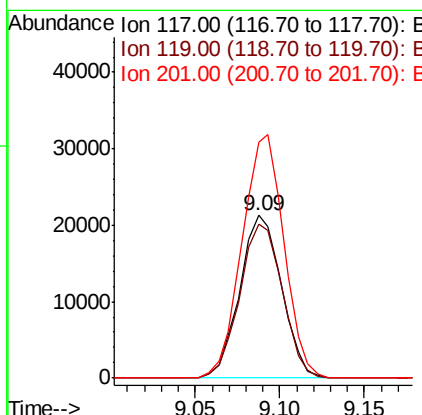
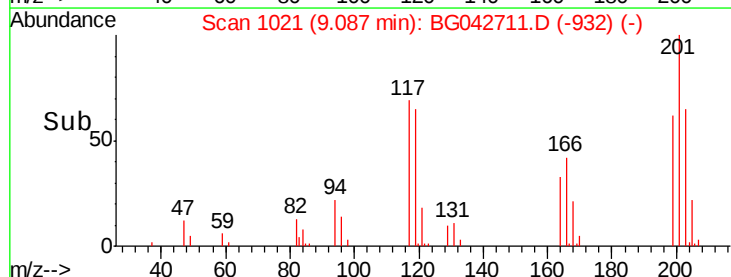
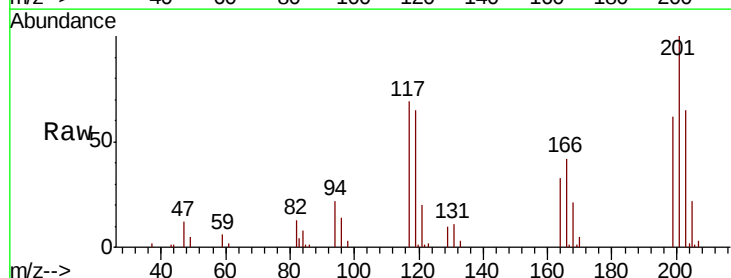
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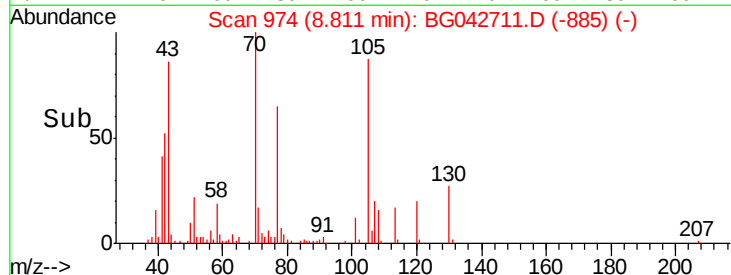
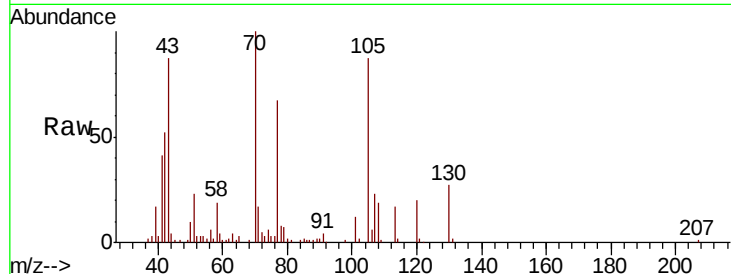
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#18
Hexachloroethane
Concen: 42.364 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	73.8	110.8
201	145.4	108.3	162.5





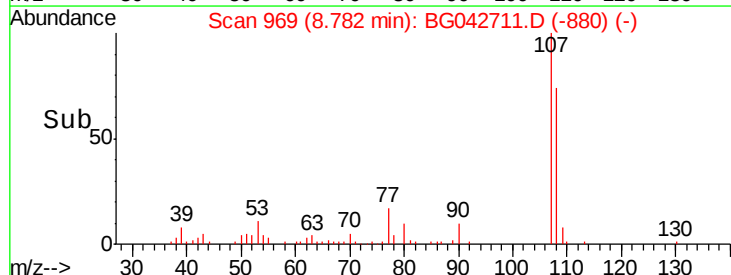
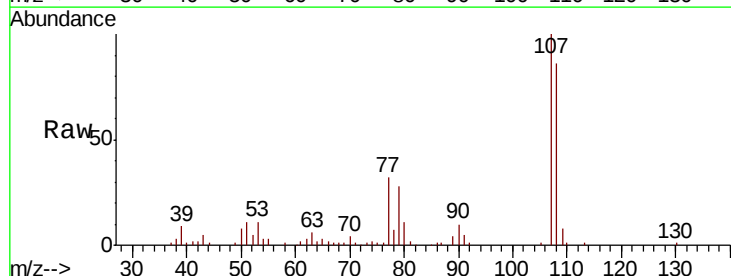
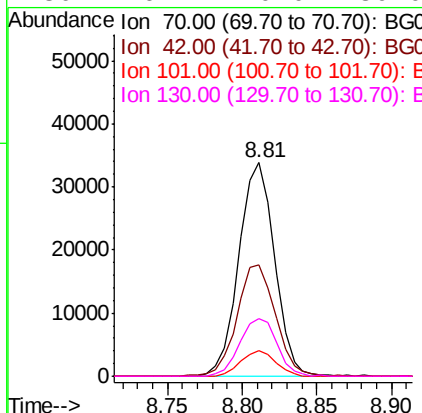
#19
n-Nitroso-di-n-propylamine
Concen: 39.757 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

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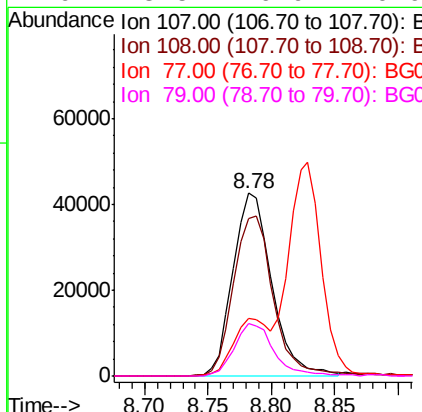
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Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	52.0	38.8	58.2	
101	12.0	9.0	13.6	
130	26.7	20.0	30.0	



#20
3+4-Methylphenols
Concen: 40.083 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	68.7	108.7	
77	31.7	10.2	50.2	
79	28.5	6.9	46.9	





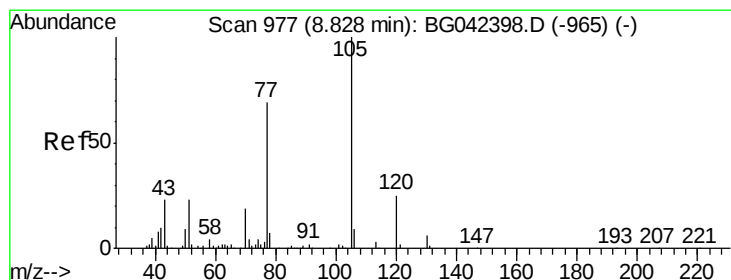
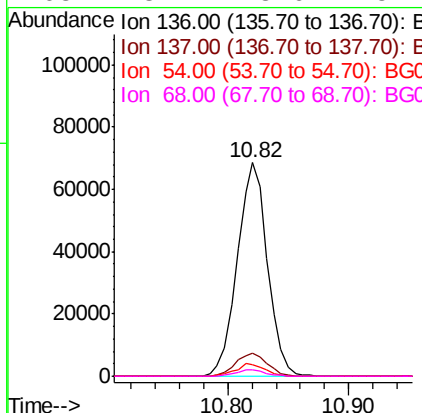
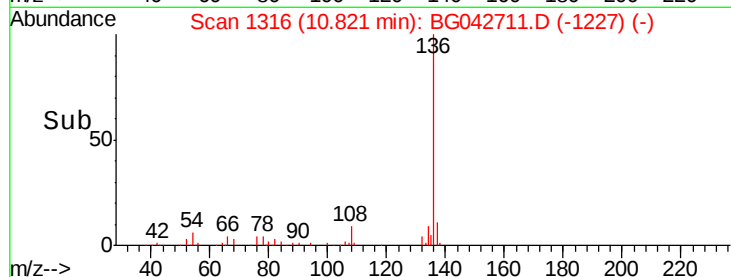
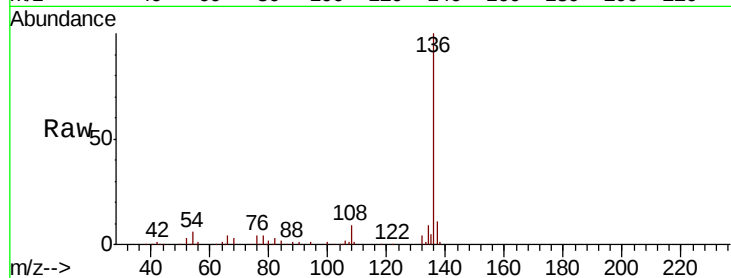
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.7	13.1	
54	5.7	4.9	7.3	
68	3.1	3.6	5.4	

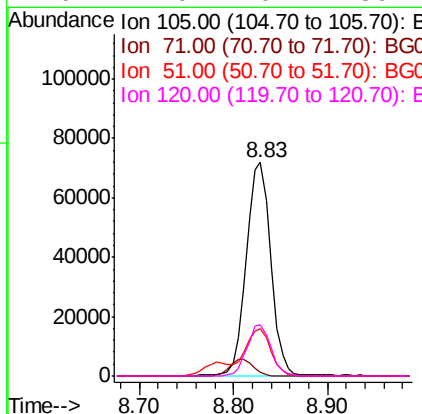
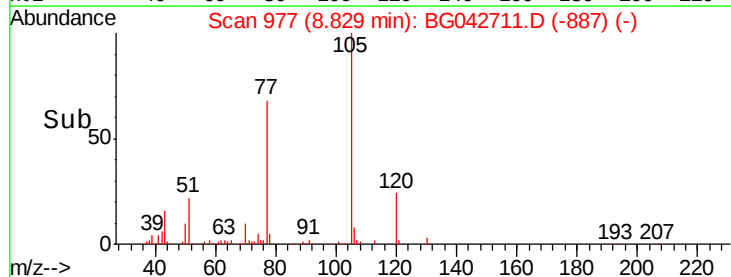
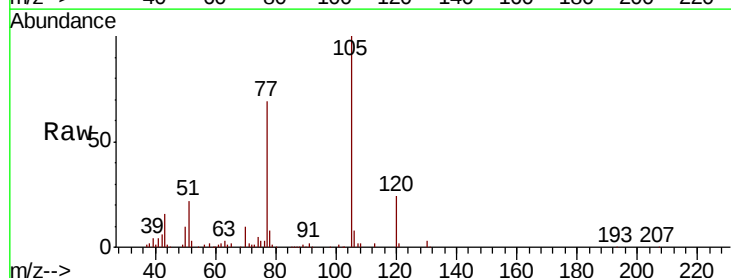
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#22
Acetophenone
Concen: 51.358 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	2.8	4.2	
51	22.2	18.7	28.1	
120	24.0	20.1	30.1	





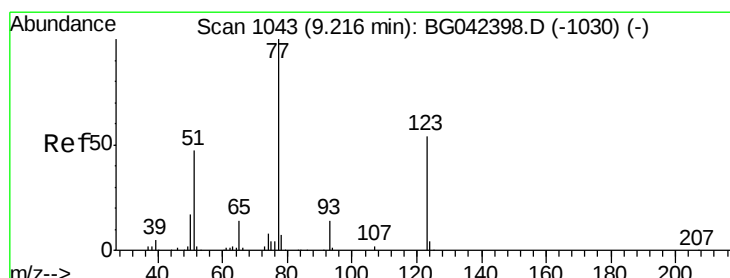
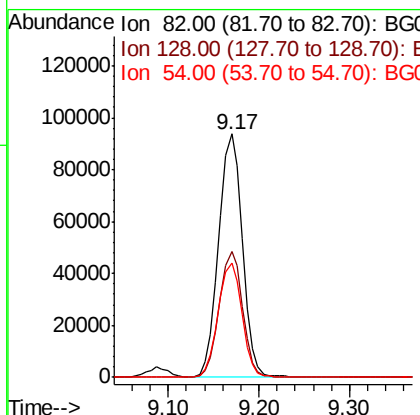
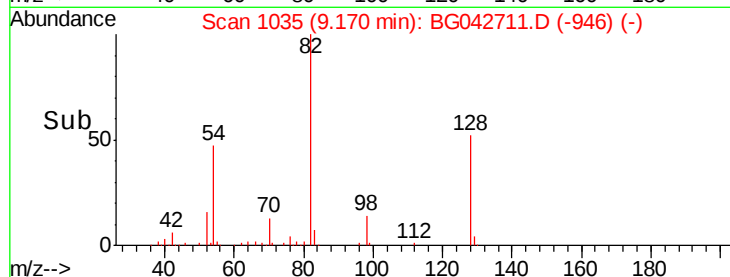
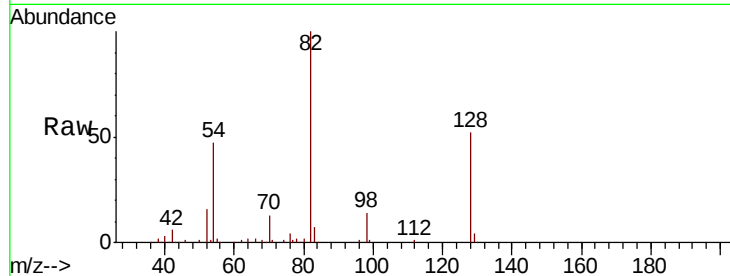
#23
 Nitrobenzene-d5
 Concen: 99.235 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.5	40.7	61.1
54	46.9	36.3	54.5

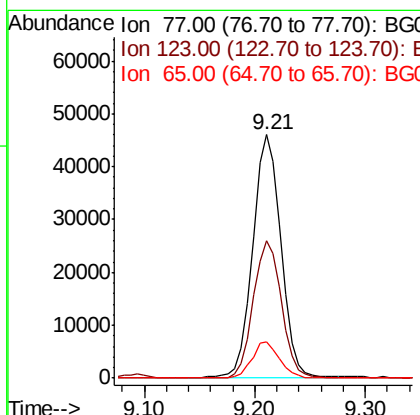
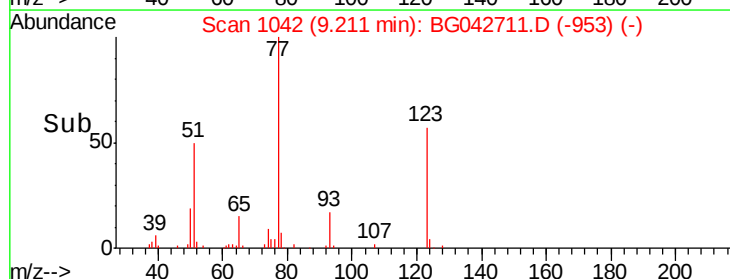
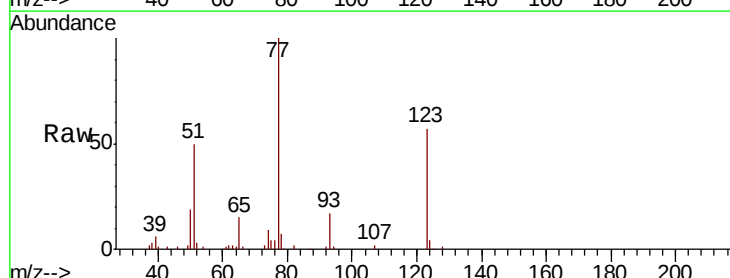
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#24
 Nitrobenzene
 Concen: 47.574 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
77	100		
123	56.6	43.4	65.0
65	14.6	11.0	16.6





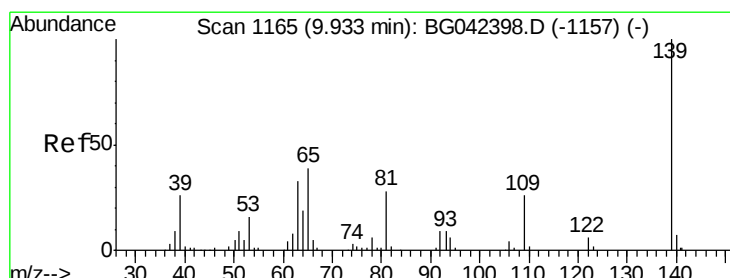
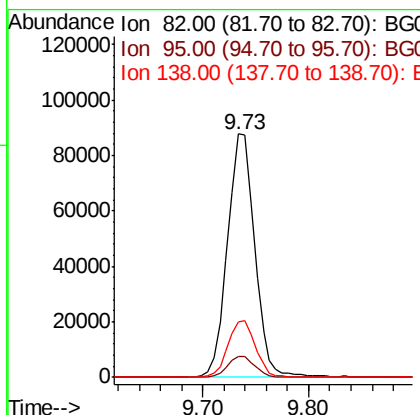
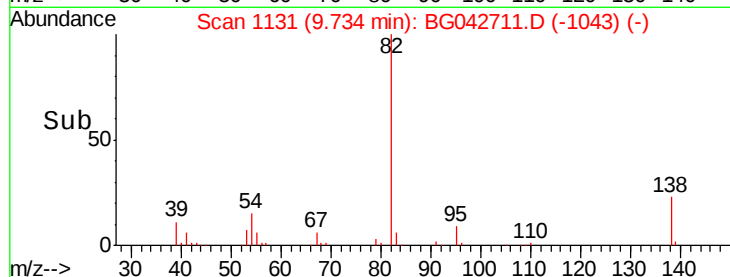
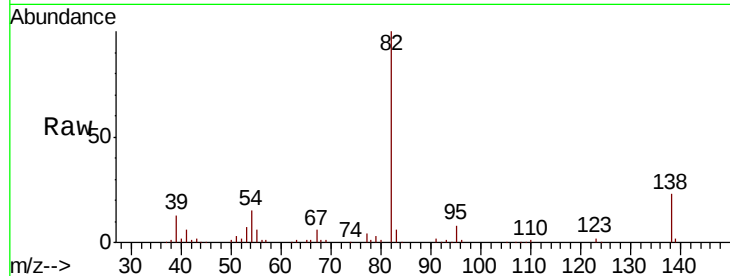
#25
Isophorone
Concen: 46.230 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	156852		
95	8.5	6.6	9.8	
138	22.6	18.6	27.8	

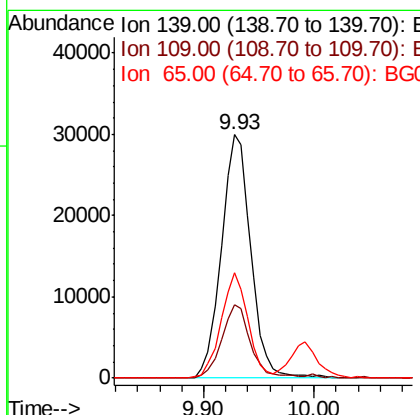
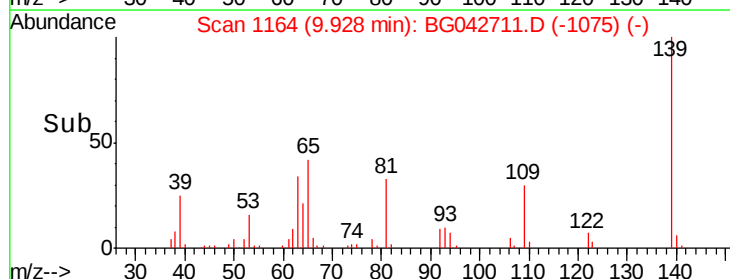
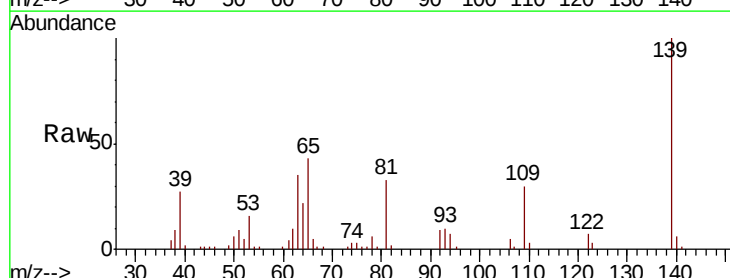
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#26
2-Nitrophenol
Concen: 50.964 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	55601		
109	30.1	20.5	30.7	
65	43.3	30.9	46.3	





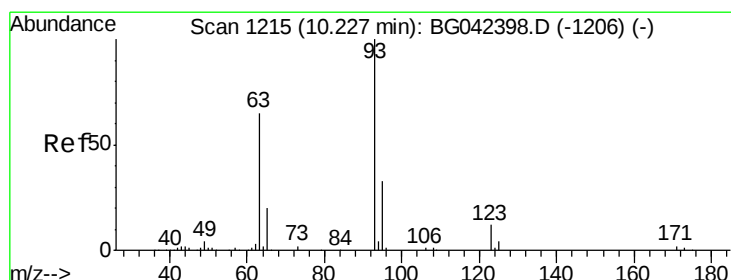
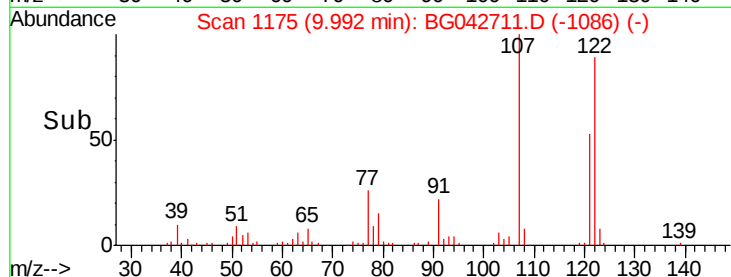
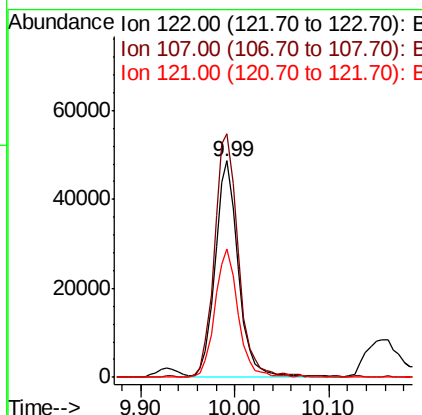
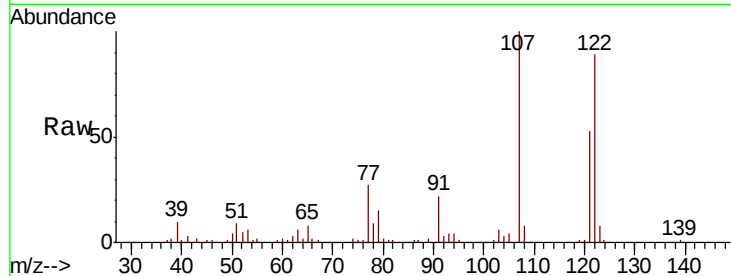
#27
 2,4-Dimethylphenol
 Concen: 55.973 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.7	90.8	136.2
121	59.5	49.6	74.4

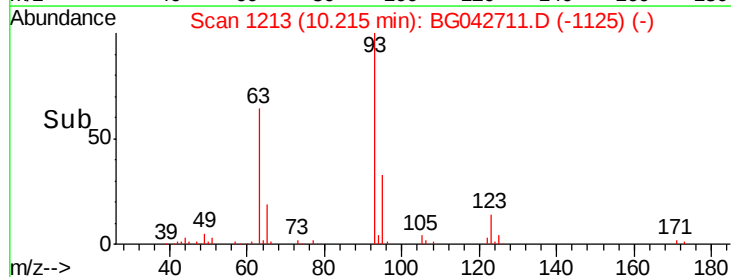
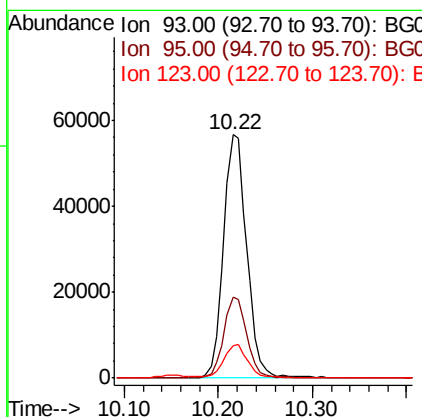
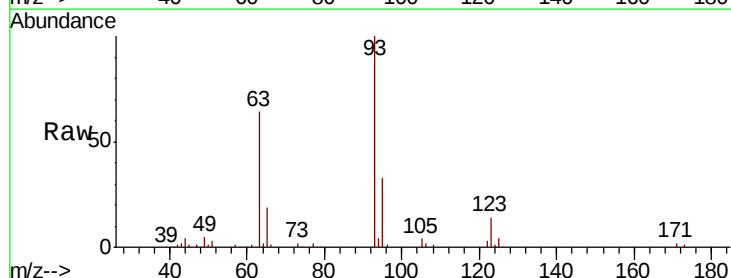
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#28
 bis(2-Chloroethoxy)methane
 Concen: 45.726 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.6	40.0
123	13.5	10.1	15.1





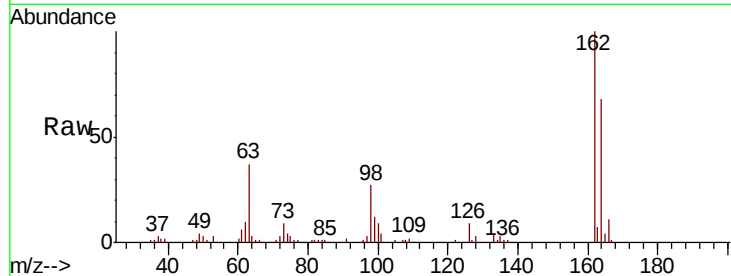
#29
 2,4-Dichlorophenol
 Concen: 54.045 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

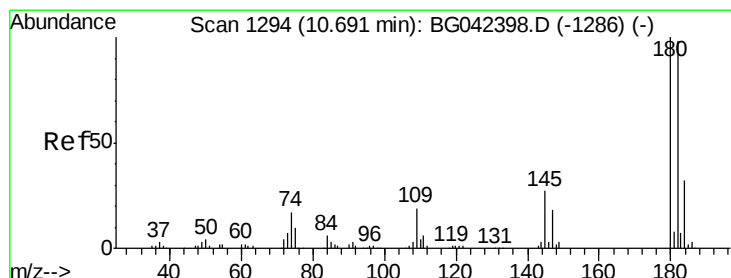
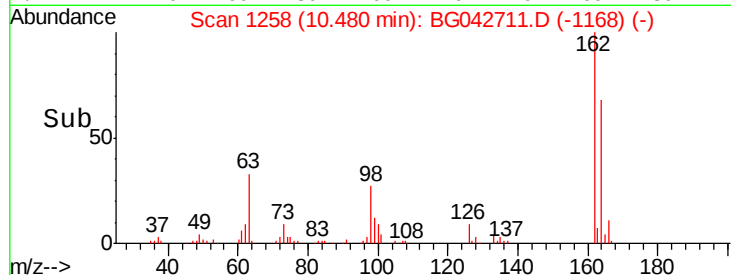
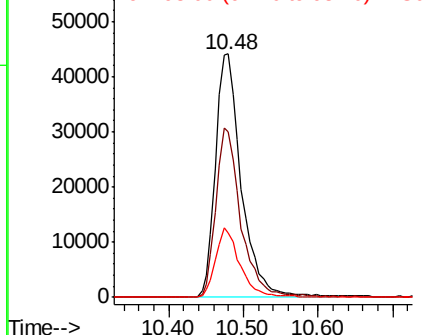
Tot Ion	Ratio	Resp	Lower	Upper
162	100	106264		
164	68.1	48.1	88.1	
98	26.7	7.6	47.6	

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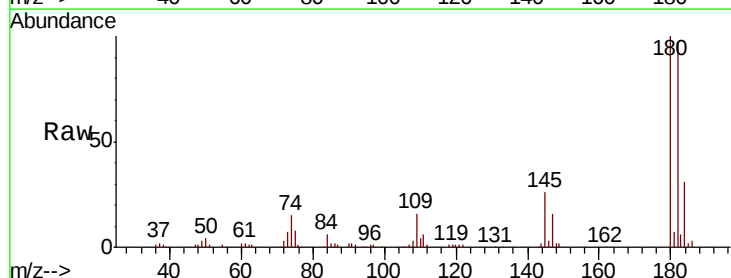


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BGC

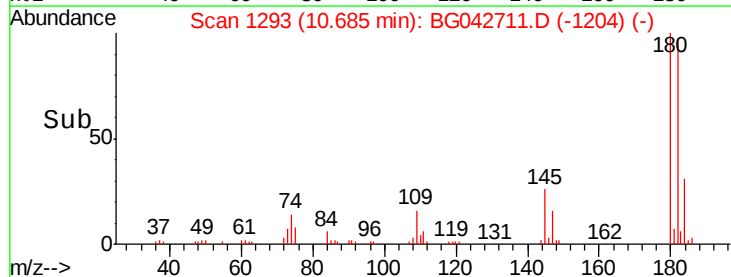
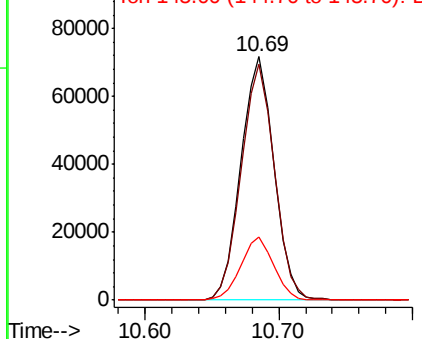


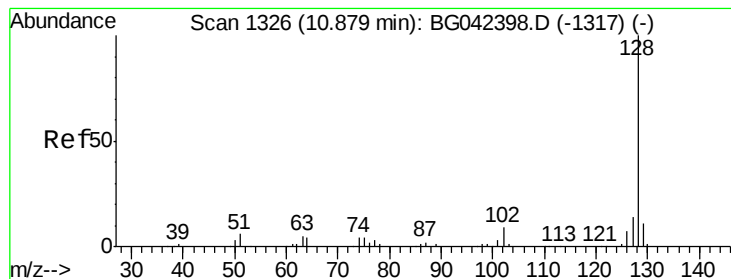
#30
 1,2,4-Trichlorobenzene
 Concen: 50.984 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	123046		
182	96.9	78.7	118.1	
145	25.9	21.6	32.4	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 49.694 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

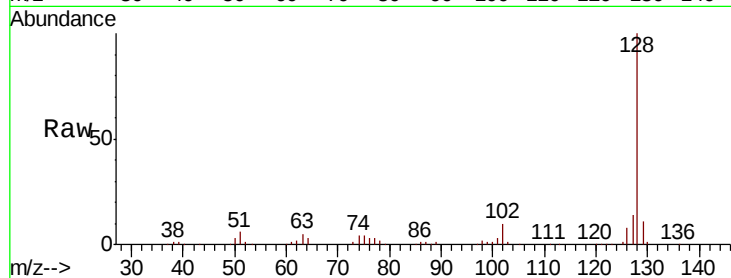
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

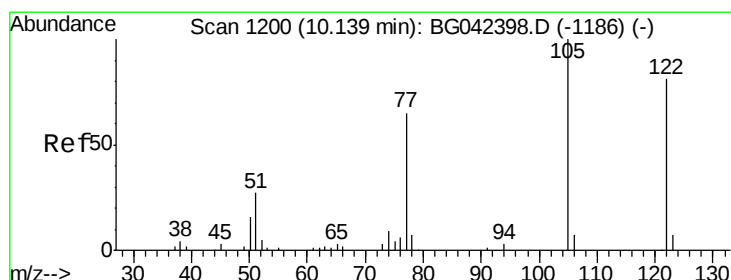
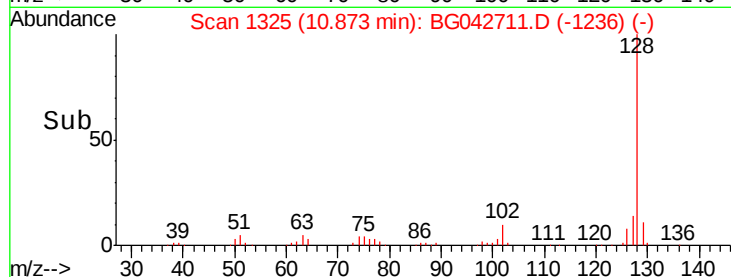
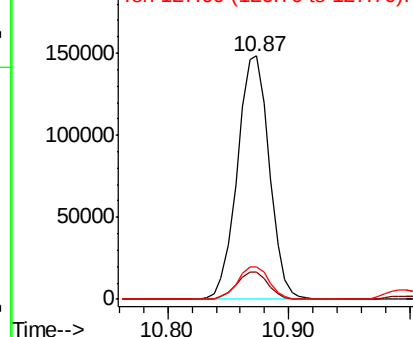
Tot Ion:	128	Resp:	274096
Ion Ratio		Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.6	11.4	17.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.102 ng

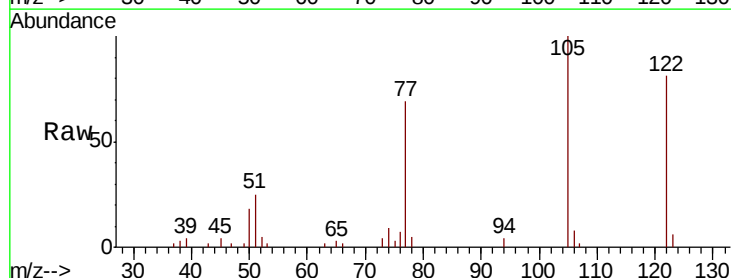
RT: 10.16 min Scan# 1203

Delta R.T. 0.02 min

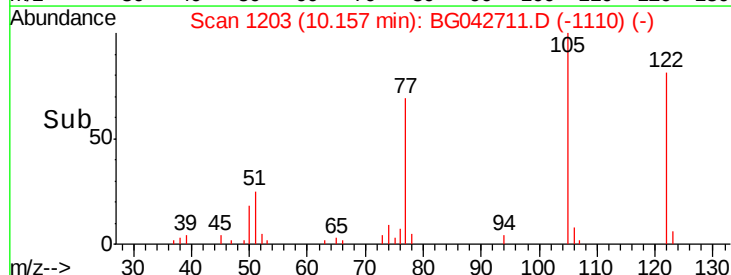
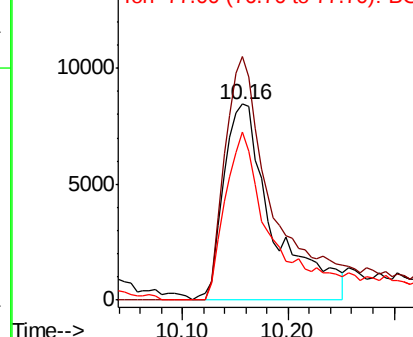
Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	122	Resp:	27513
Ion Ratio		Lower	Upper
122	100		
105	124.1	99.6	139.6
77	86.0	59.5	99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGO





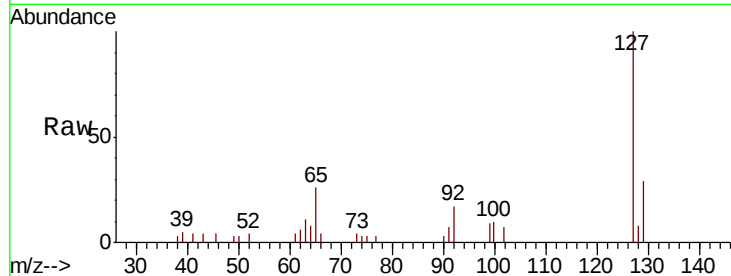
#33
4-Chloroaniline
Concen: 5.403 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

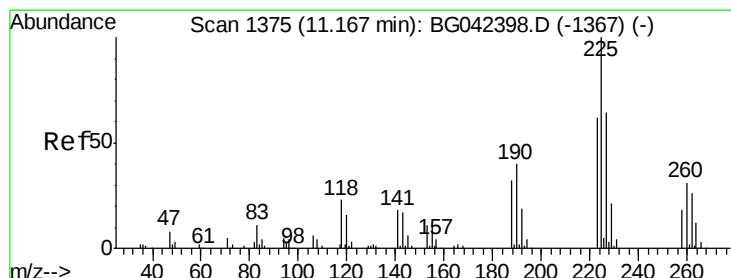
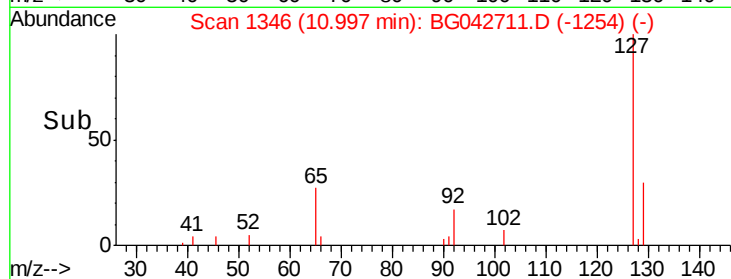
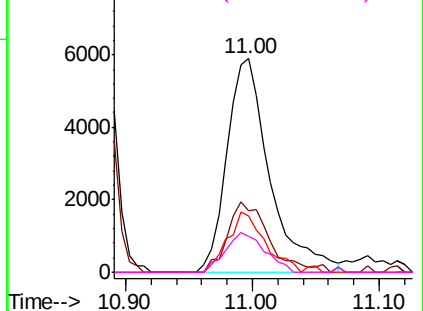
Tot Ion	Ratio	Lower	Upper
127	100		
129	28.8	26.8	40.2
65	26.4	20.7	31.1
92	16.9	13.6	20.4

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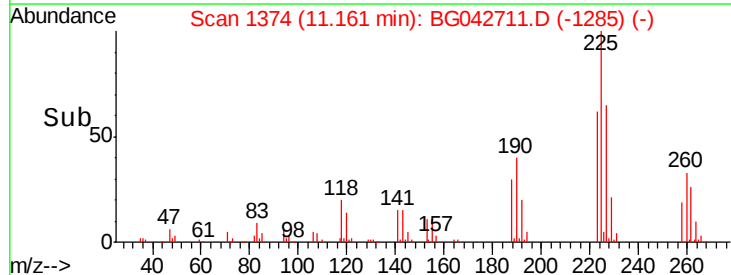
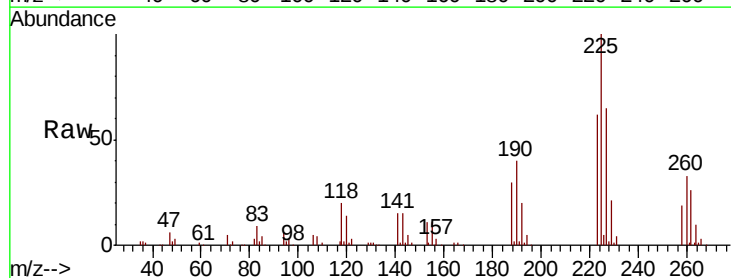
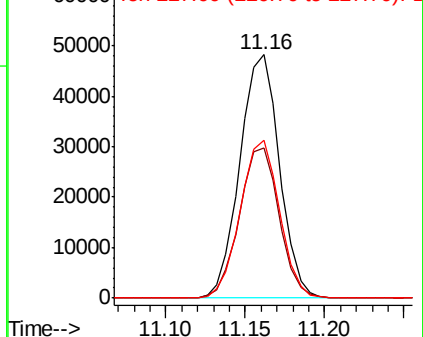
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

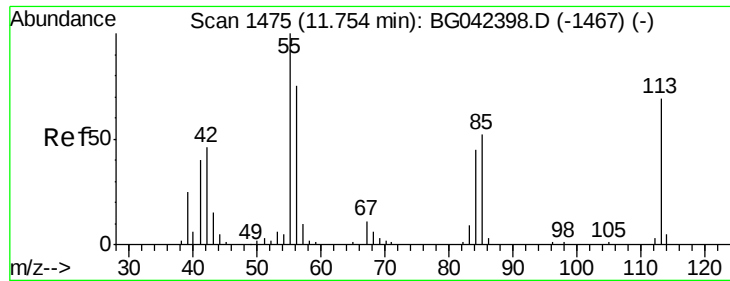


#34
Hexachlorobutadiene
Concen: 51.722 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.8	74.6
227	64.8	50.9	76.3

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





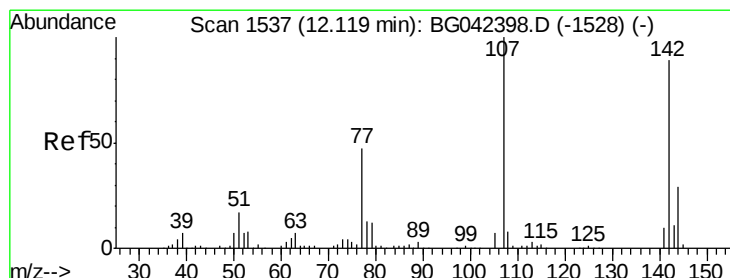
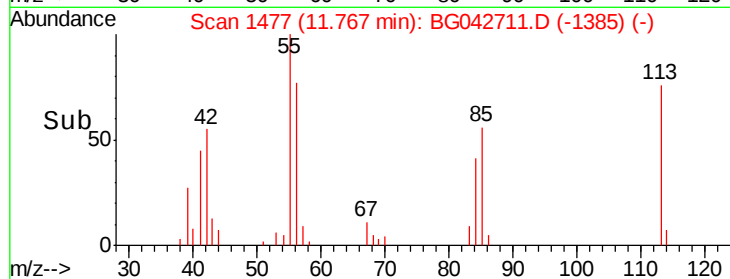
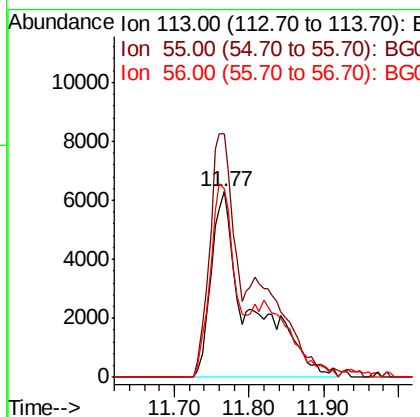
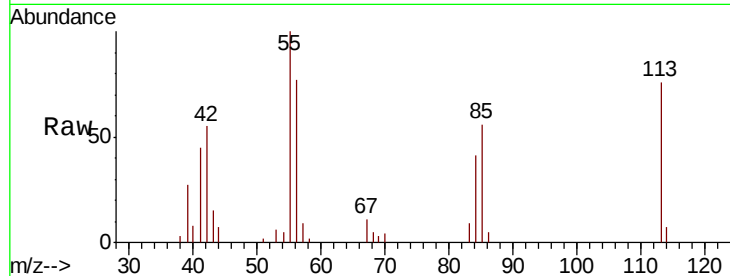
#35
 Caprolactam
 Concen: 34.886 ng/ml
 RT: 11.77 min Scan# 1477
 Delta R.T. 0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion: 113 Resp: 22888
 Ion Ratio Lower Upper
 113 100
 55 131.1 124.6 164.6
 56 101.4 88.3 128.3

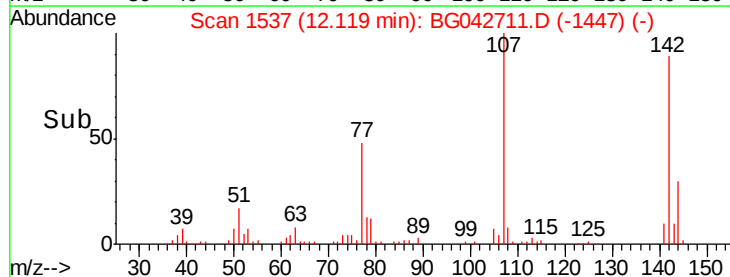
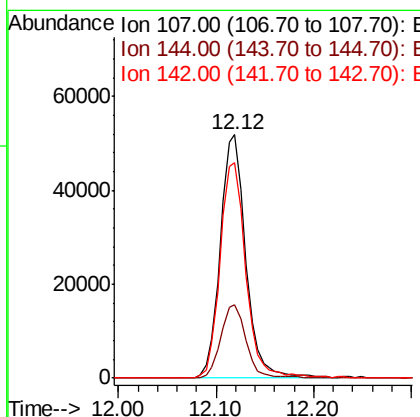
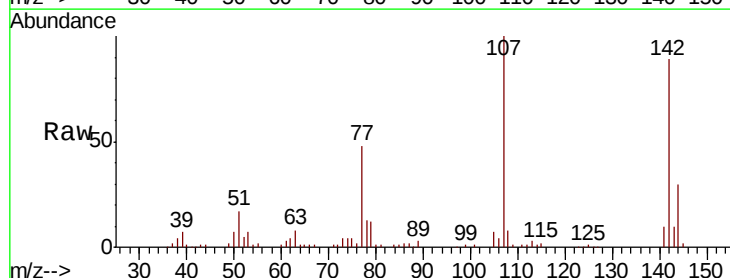
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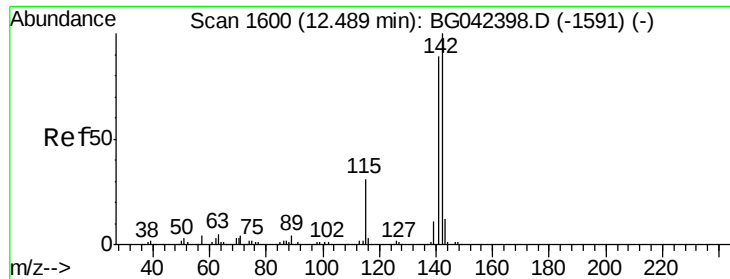
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#36
 4-Chloro-3-methylphenol
 Concen: 50.399 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion: 107 Resp: 94070
 Ion Ratio Lower Upper
 107 100
 144 29.9 23.6 35.4
 142 88.5 71.0 106.4





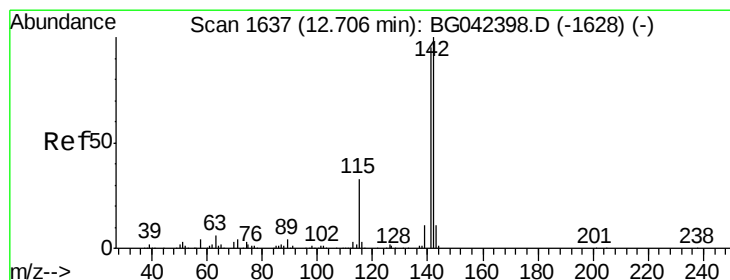
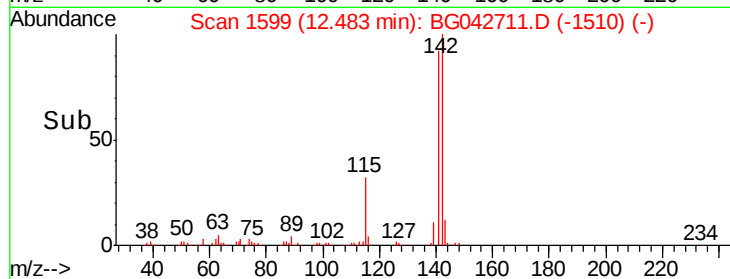
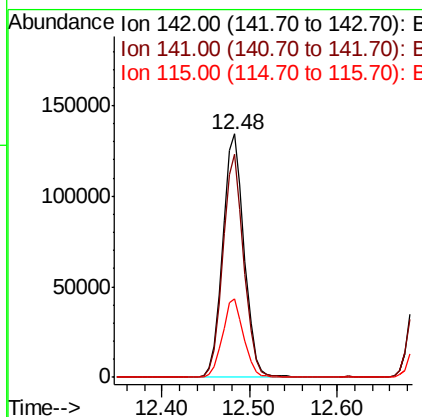
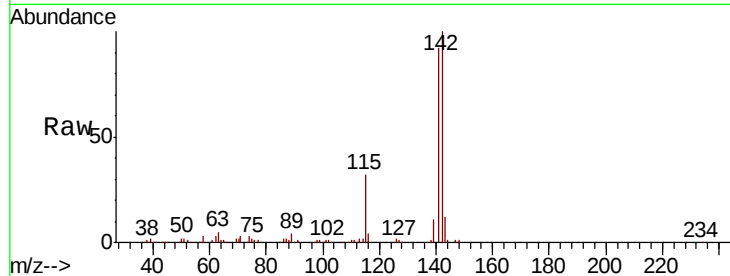
#37
2-Methylnaphthalene
Concen: 50.687 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	71.4	107.2
115	32.0	25.2	37.8

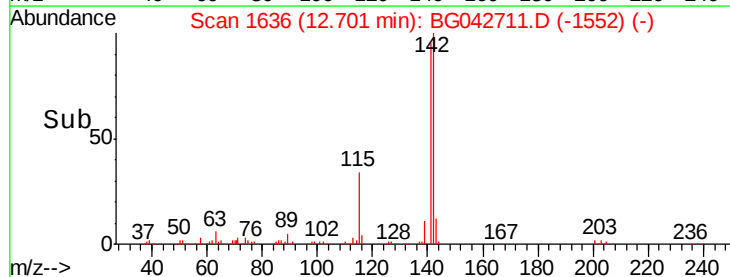
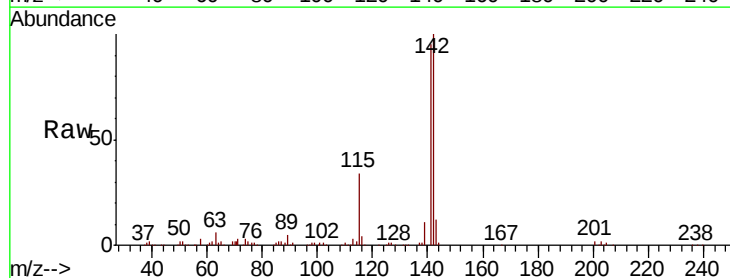
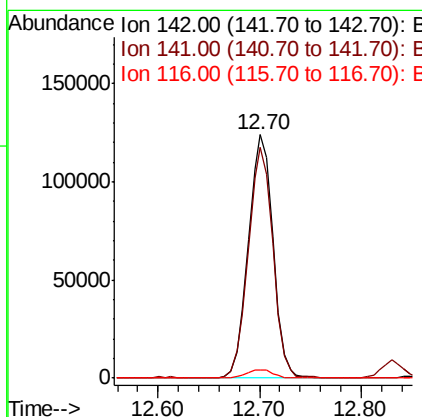
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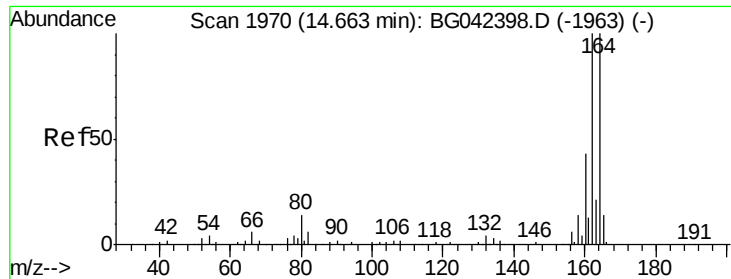
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#38
1-Methylnaphthalene
Concen: 49.601 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.9	76.2	114.2
116	3.6	2.8	4.2





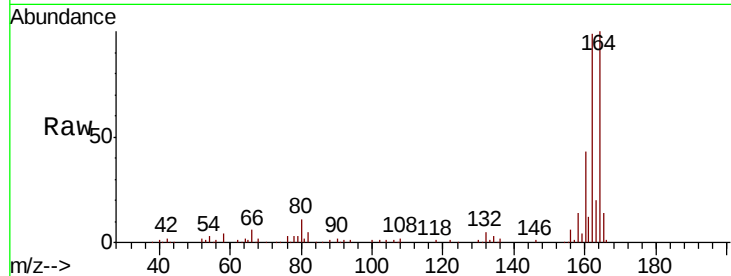
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.9	119.9
160	42.6	34.3	51.5

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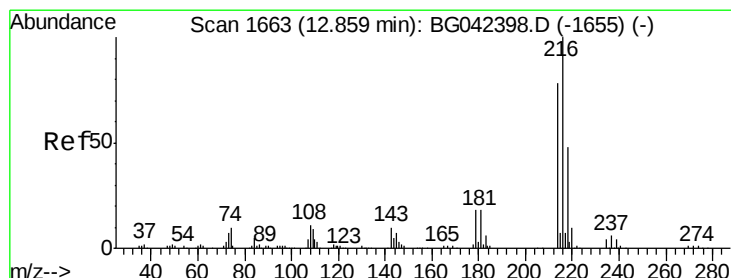
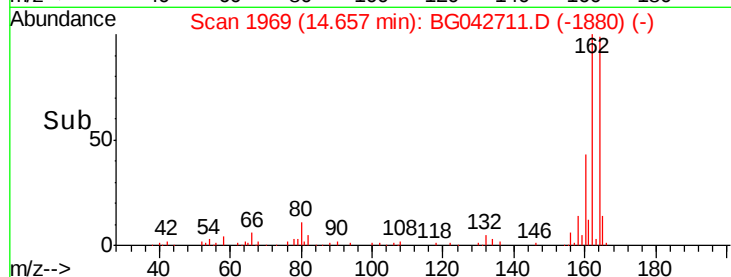
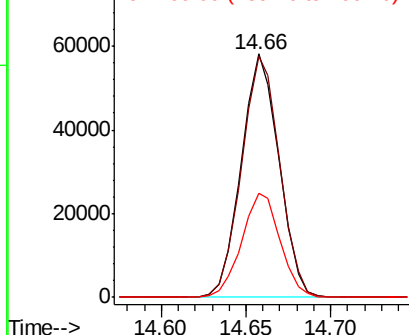


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.065 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.7	61.4	92.2
179	18.2	15.1	22.7
108	11.8	9.4	14.0

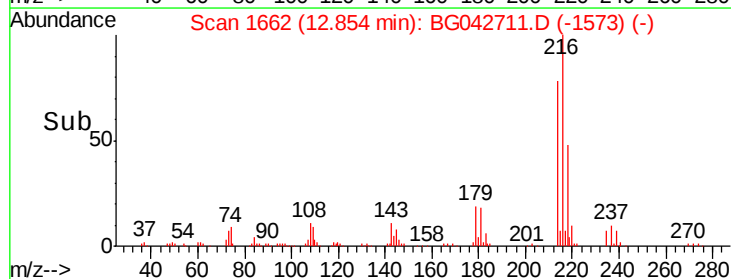
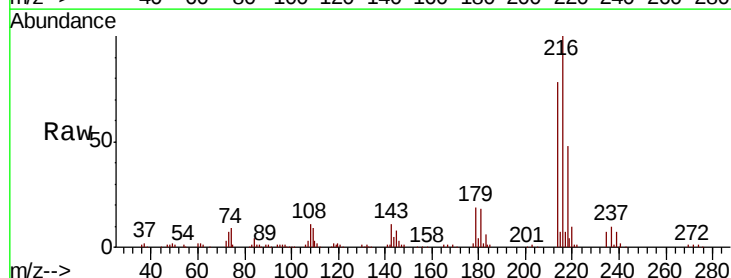
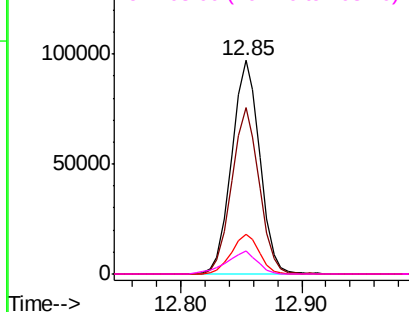
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 100.845 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

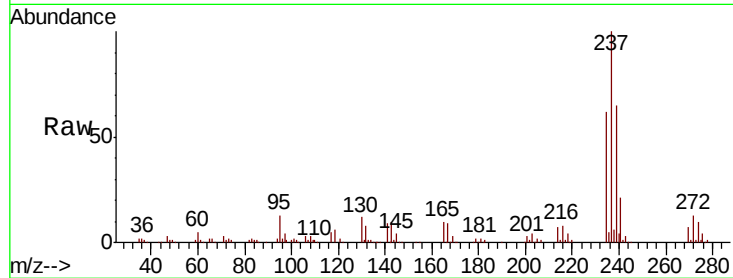
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

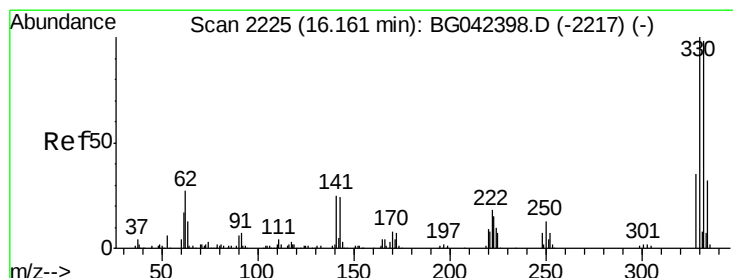
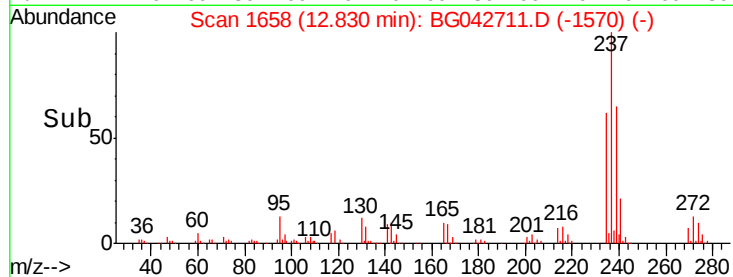
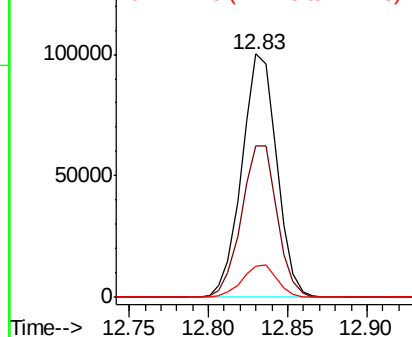
Tot Ion:	237	Resp:	153445
Ion Ratio	Lower	Upper	
237	100		
235	62.2	43.7	83.7
272	13.0	0.0	33.3

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 158.463 ng

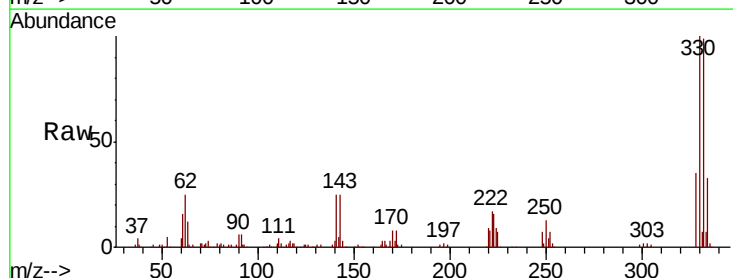
RT: 16.16 min Scan# 2224

Delta R.T. -0.01 min

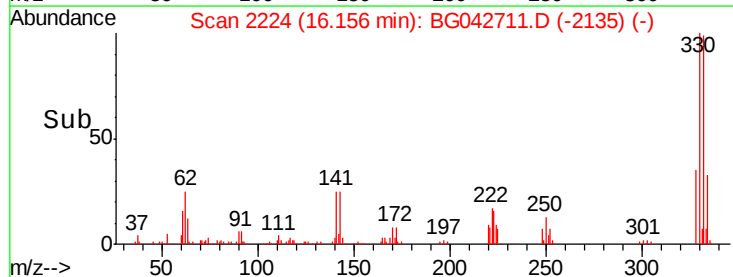
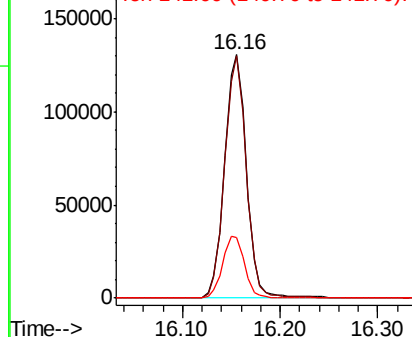
Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	330	Resp:	203159
Ion Ratio	Lower	Upper	
330	100		
332	98.1	77.4	116.0
141	25.7	21.4	32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





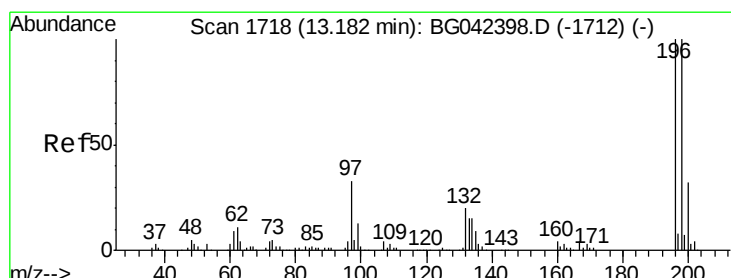
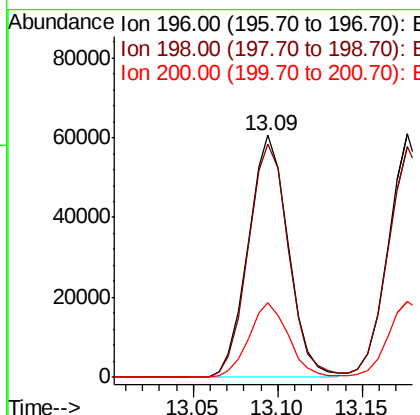
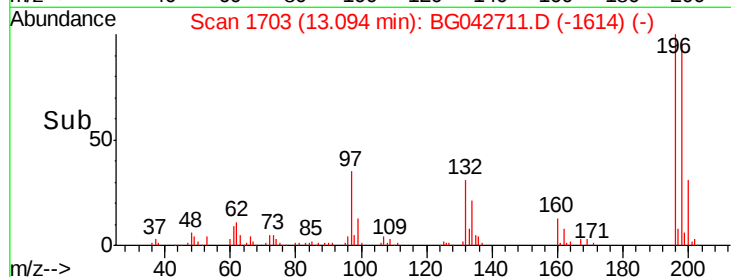
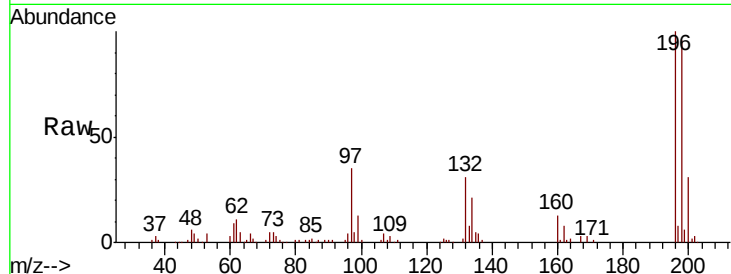
#43
 2,4,6-Trichlorophenol
 Concen: 50.993 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	99843		
198	96.5	80.7	121.1	
200	30.6	25.7	38.5	

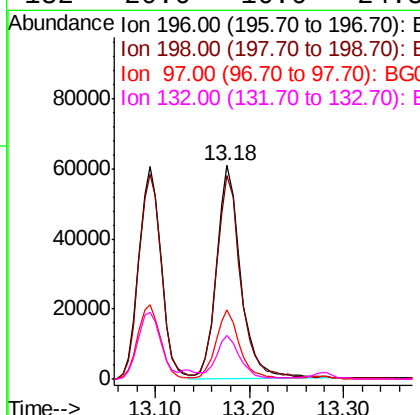
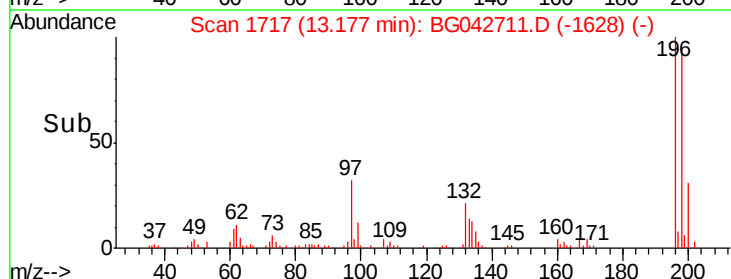
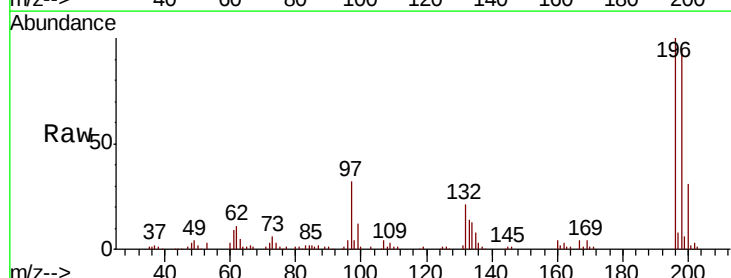
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#44
 2,4,5-Trichlorophenol
 Concen: 53.482 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	108515		
198	95.0	80.2	120.4	
97	32.1	26.3	39.5	
132	20.6	16.6	24.8	





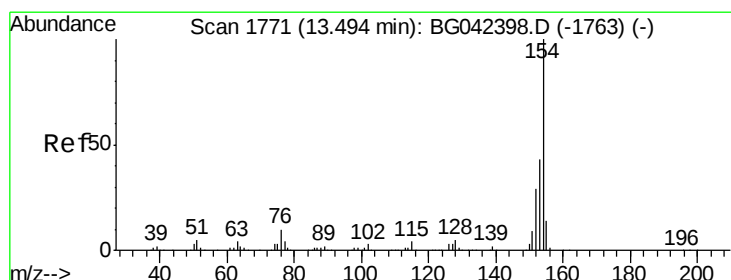
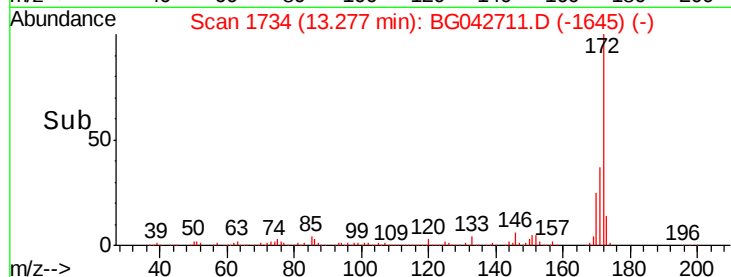
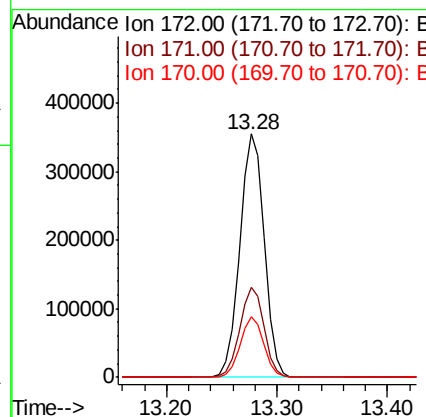
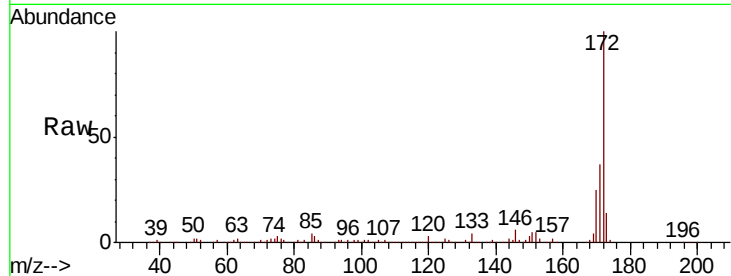
#45
2-Fluorobiphenyl
Concen: 103.550 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion:172	Resp:	552259
Ion Ratio	Lower	Upper
172	100	
171	37.0	30.5 45.7
170	24.7	20.2 30.2

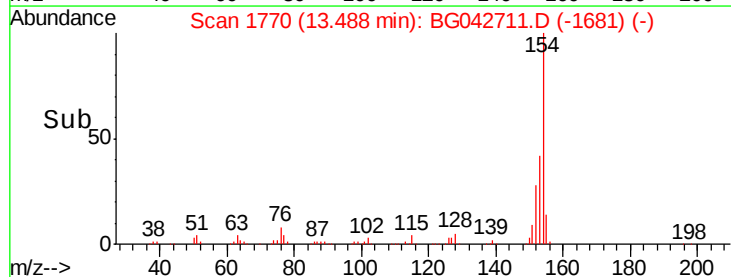
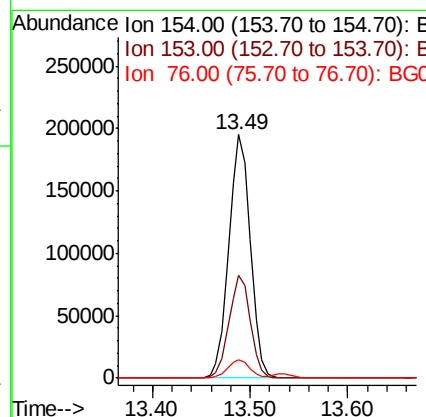
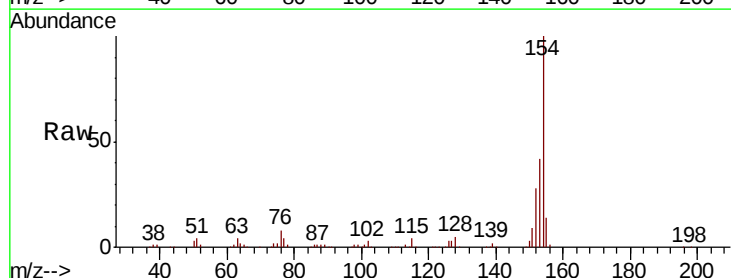
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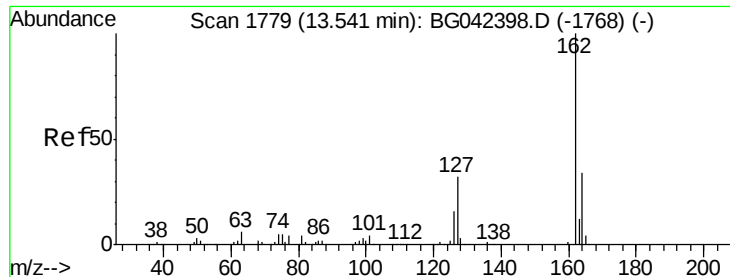
mohammad
9/10/2019 9:50:36 AM



#46
1,1'-Biphenyl
Concen: 51.055 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion:154	Resp:	297686
Ion Ratio	Lower	Upper
154	100	
153	42.2	23.0 63.0
76	7.7	0.0 29.6





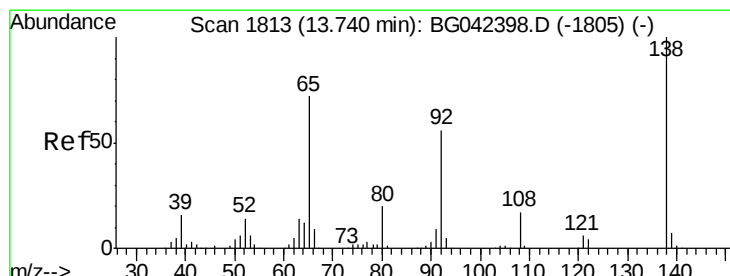
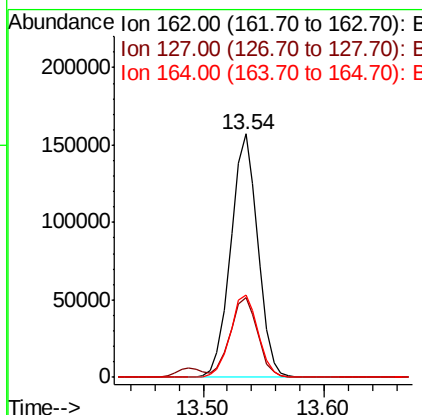
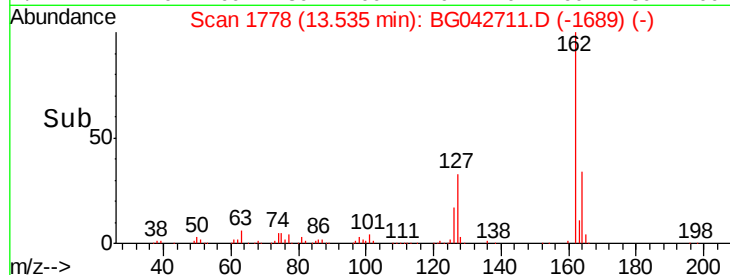
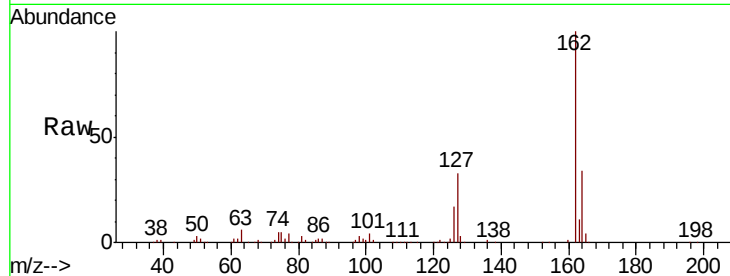
#47
2-Chloronaphthalene
Concen: 48.777 ng
RT: 13.54 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	32.9	26.0	39.0
164	33.7	27.4	41.0

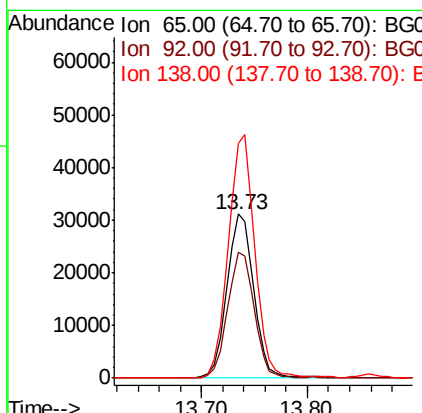
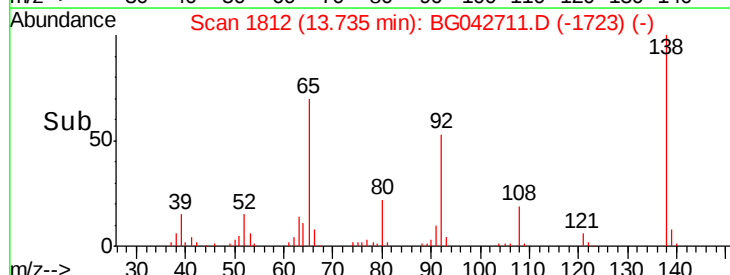
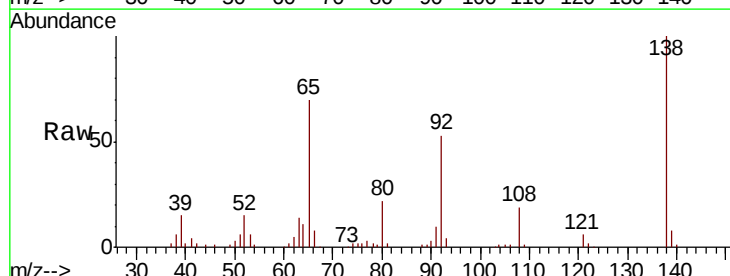
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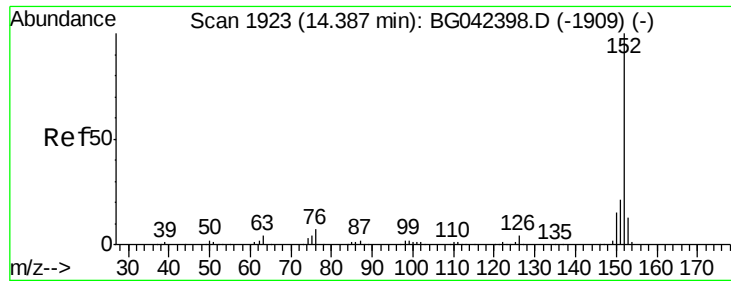
mohammad
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#48
2-Nitroaniline
Concen: 44.917 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.6	61.8	92.6
138	143.2	111.0	166.6





#49

Acenaphthylene

Concen: 51.494 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

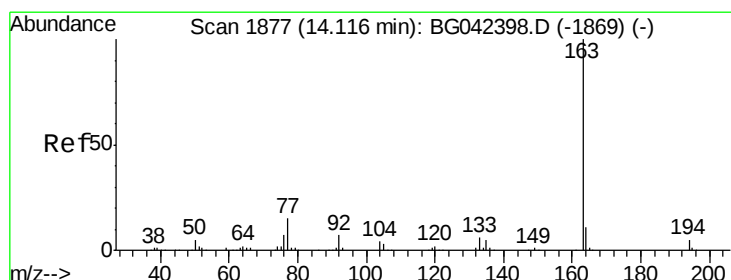
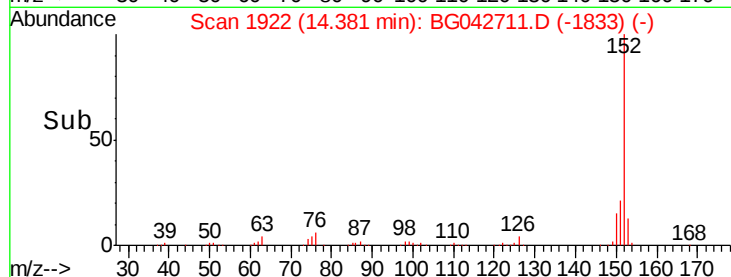
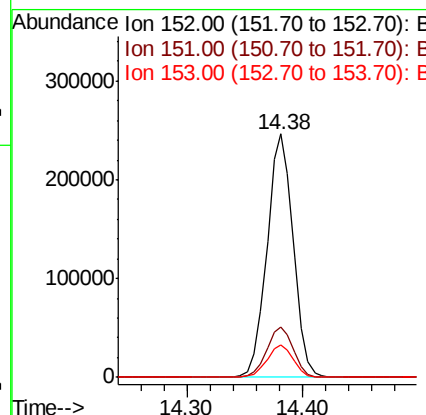
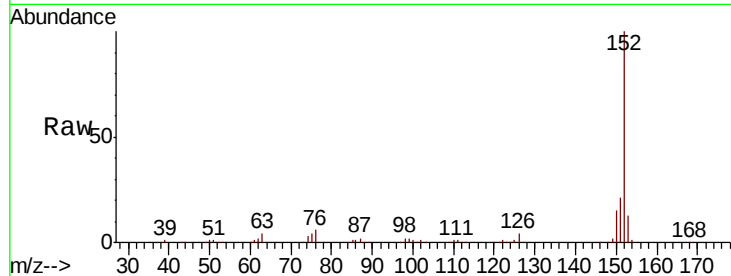
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

Tot Ion:	152	Resp:	389487
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.0	25.4
153	13.2	10.6	16.0

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#50

Dimethylphthalate

Concen: 50.183 ng

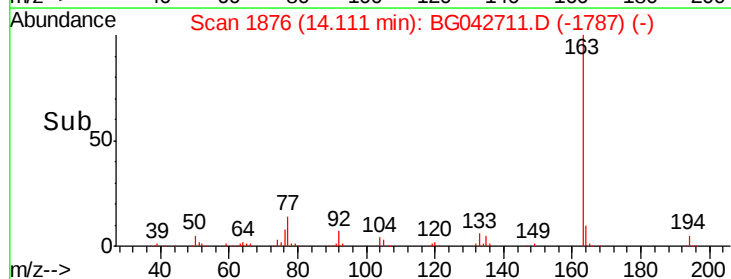
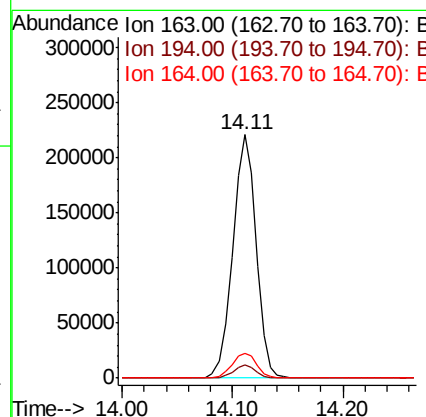
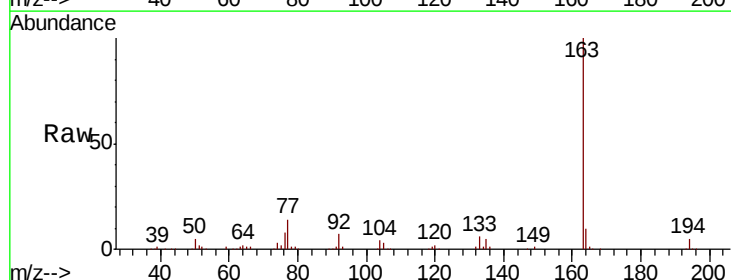
RT: 14.11 min Scan# 1876

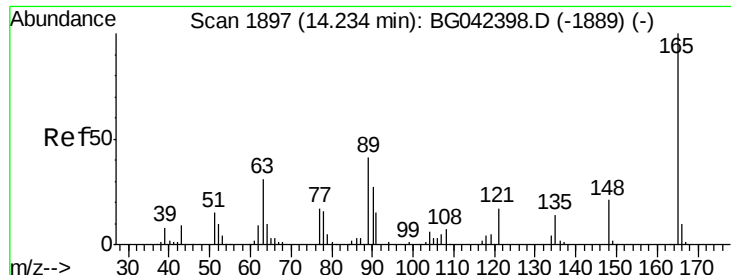
Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	163	Resp:	326608
Ion Ratio	Lower	Upper	
163	100		
194	5.2	4.2	6.2
164	10.4	8.8	13.2





#51

2,6-Dinitrotoluene

Concen: 51.952 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

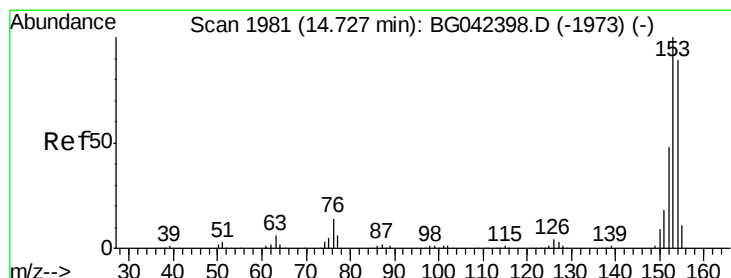
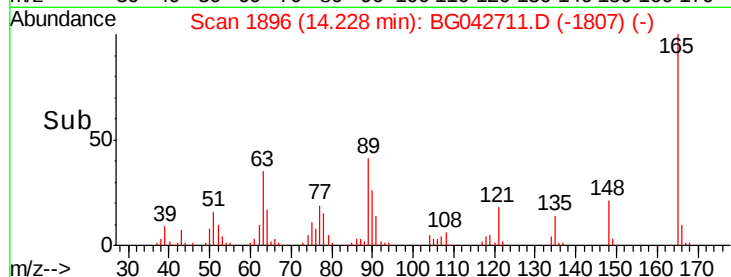
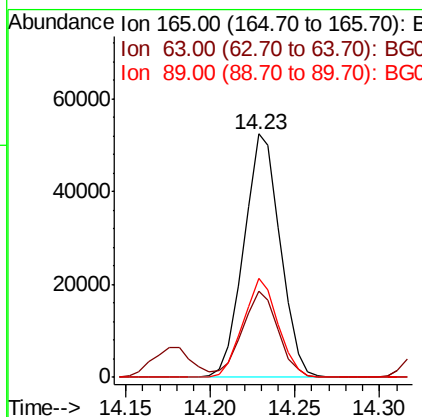
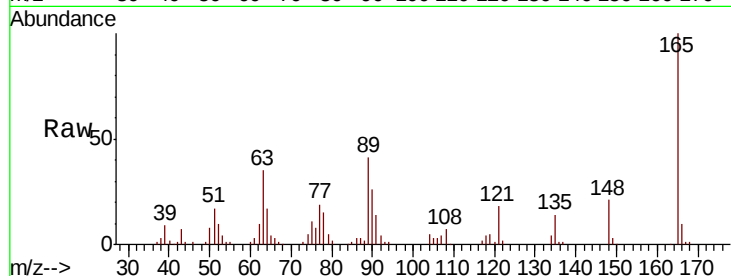
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

Tot Ion:	165	Resp:	78374
Ion Ratio	Lower	Upper	
165	100		
63	35.3	30.6	45.8
89	40.8	32.6	49.0

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#52

Acenaphthene

Concen: 49.597 ng

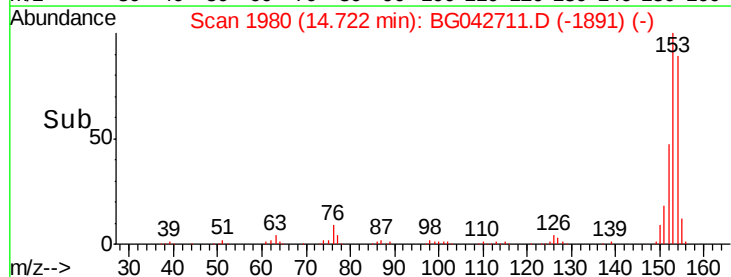
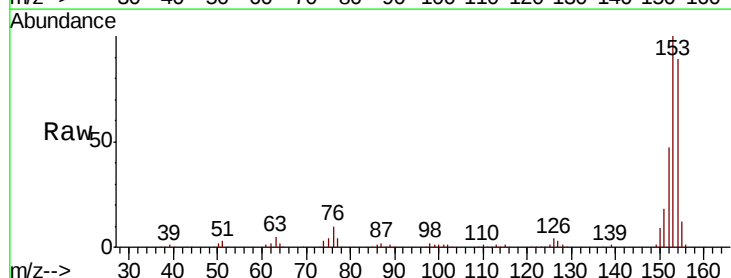
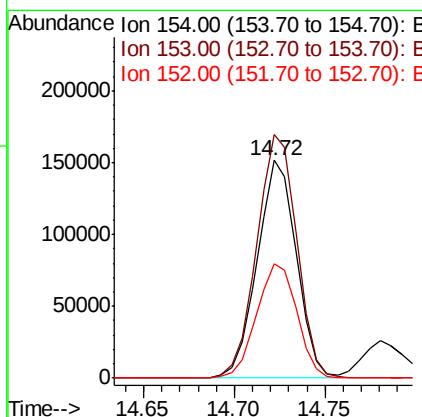
RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	154	Resp:	227794
Ion Ratio	Lower	Upper	
154	100		
153	111.8	90.2	135.4
152	52.8	43.2	64.8





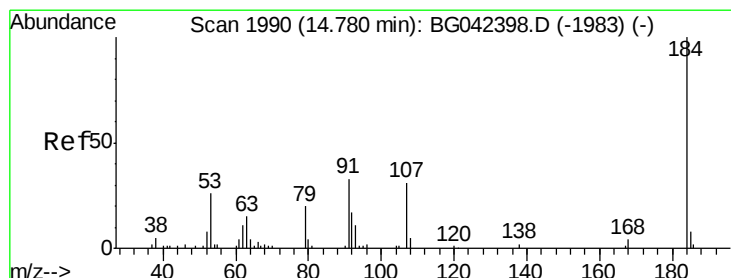
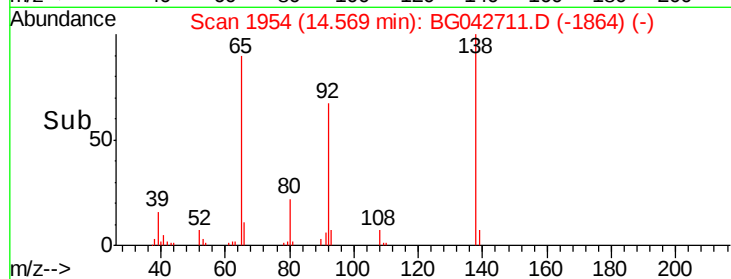
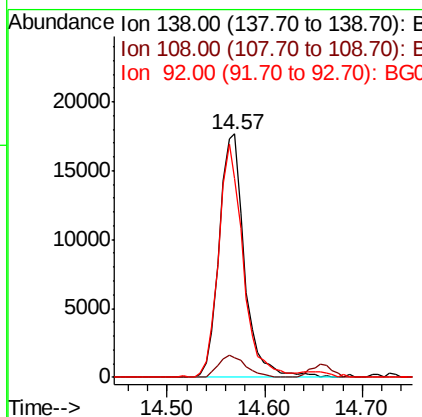
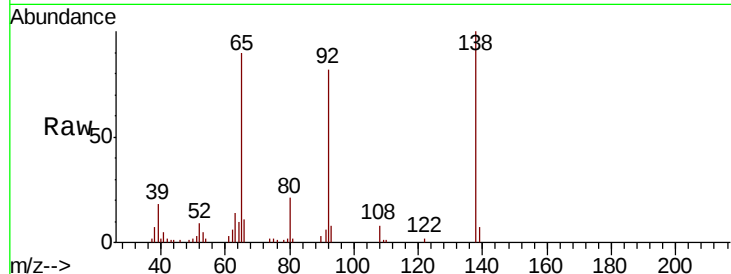
#53
3-Nitroaniline
Concen: 21.075 ng
RT: 14.57 min Scan# 1954
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.1	8.3	12.5#
92	81.6	78.2	117.4

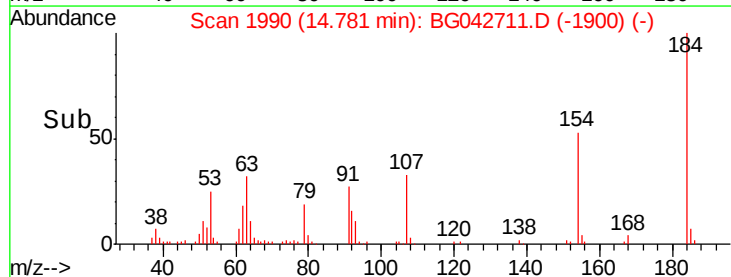
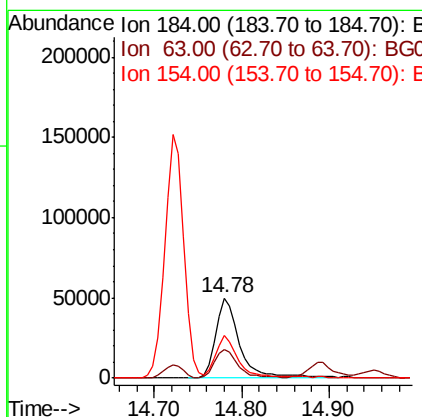
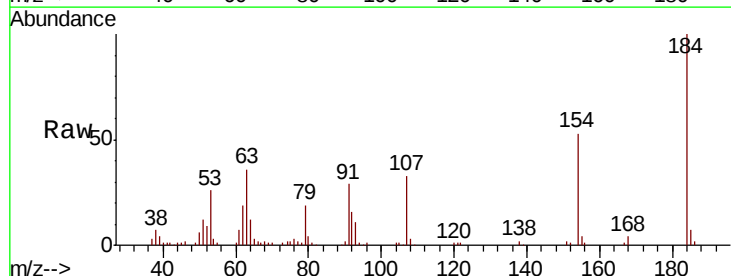
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#54
2,4-Dinitrophenol
Concen: 93.291 ng
RT: 14.78 min Scan# 1990
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
184	100		
63	35.6	31.7	47.5
154	52.7	42.0	63.0





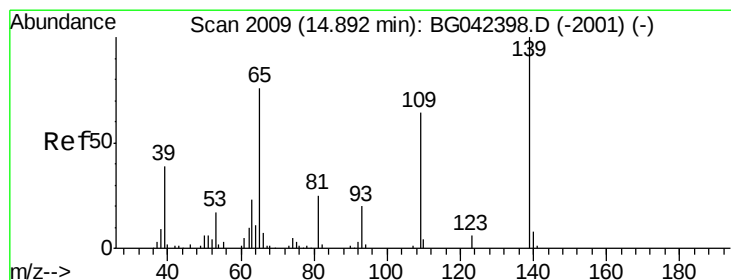
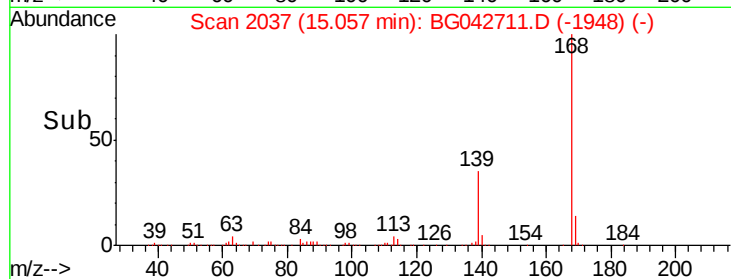
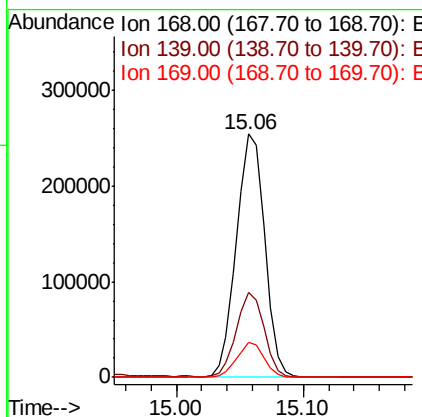
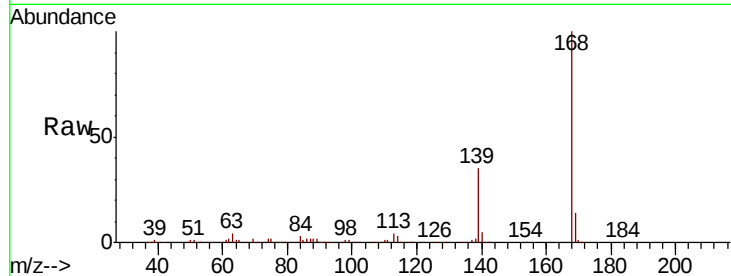
#55
Dibenzofuran
Concen: 52.075 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.9	27.2	40.8
169	14.3	11.5	17.3

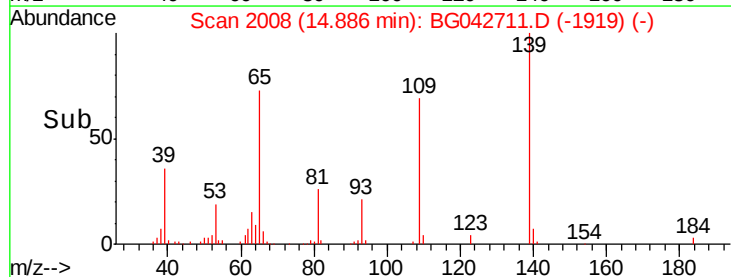
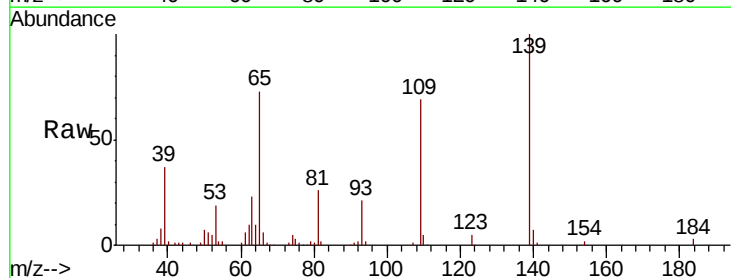
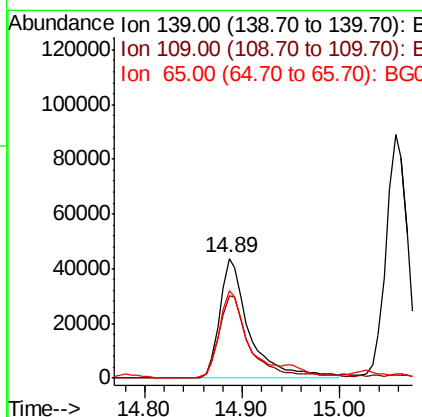
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#56
4-Nitrophenol
Concen: 86.034 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.2	43.9	83.9
65	73.1	56.3	96.3





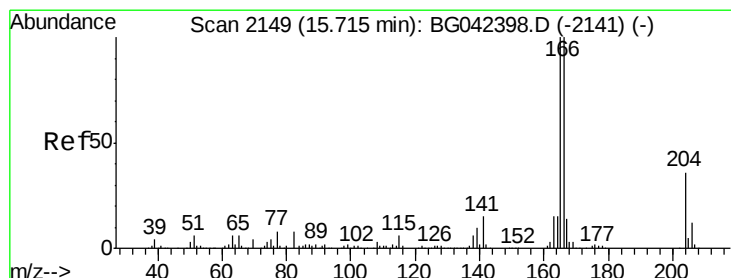
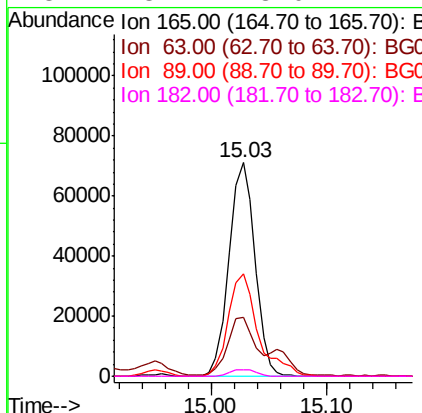
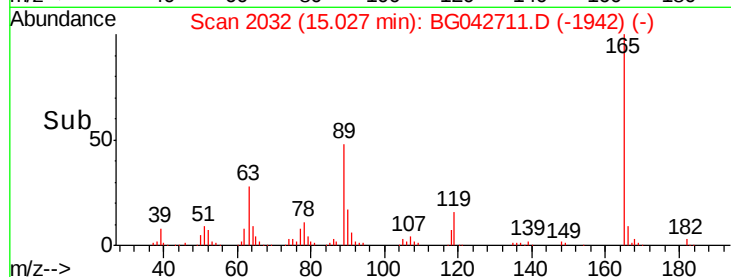
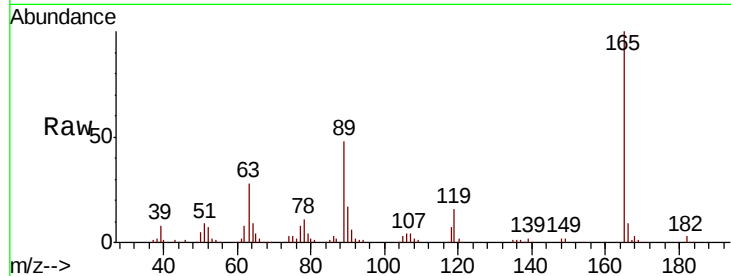
#57
 2,4-Dinitrotoluene
 Concen: 51.224 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		110658		
63	27.7	22.5	33.7		
89	48.0	37.8	56.6		
182	3.2	3.0	4.4		

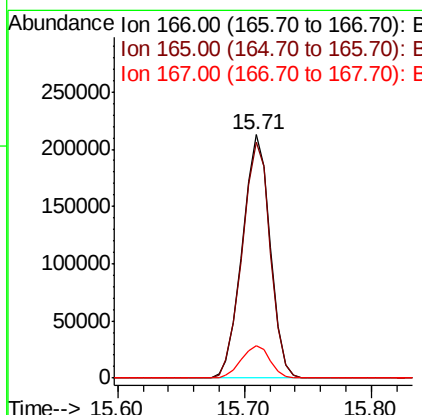
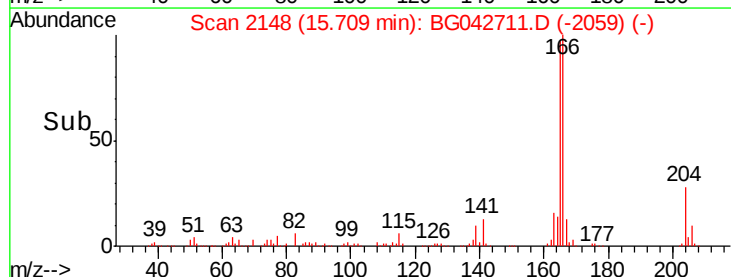
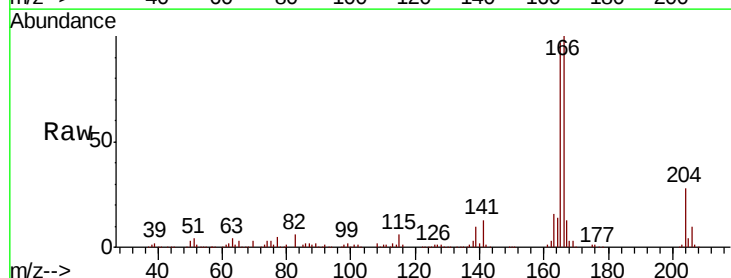
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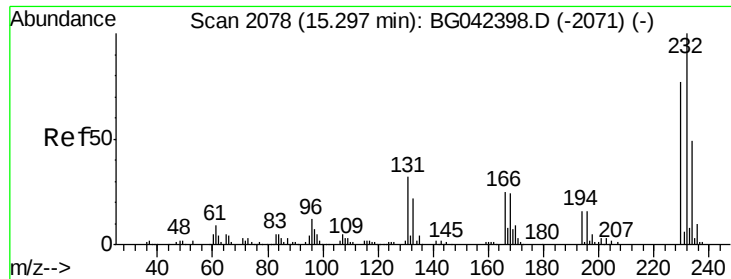
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#58
 Fluorene
 Concen: 52.005 ng
 RT: 15.71 min Scan# 2148
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		323190		
165	97.0	79.7	119.5		
167	13.2	10.9	16.3		





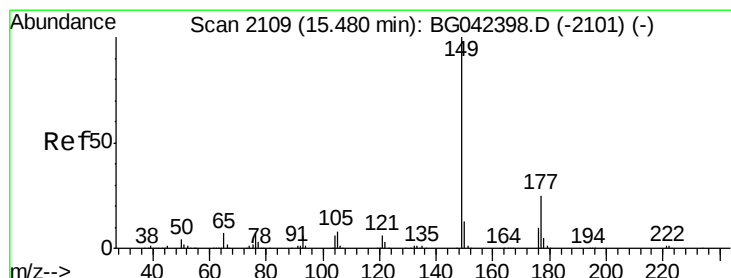
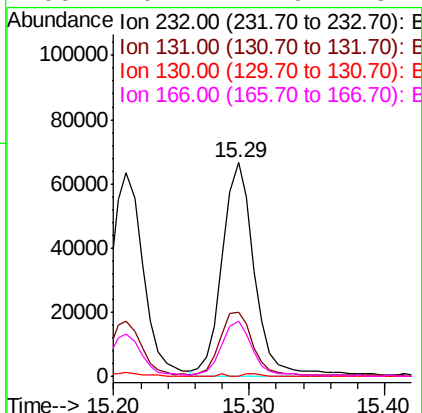
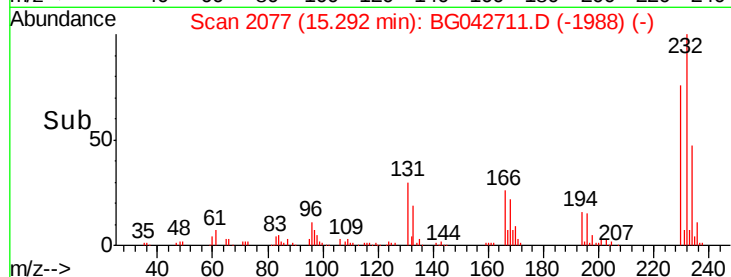
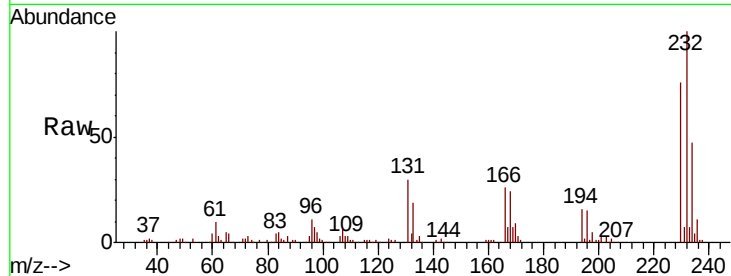
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 55.071 ng/ml
 RT: 15.29 min Scan# 2077
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	25.6	22.9	34.3
130	1.6	1.4	2.0
166	19.1	17.0	25.4

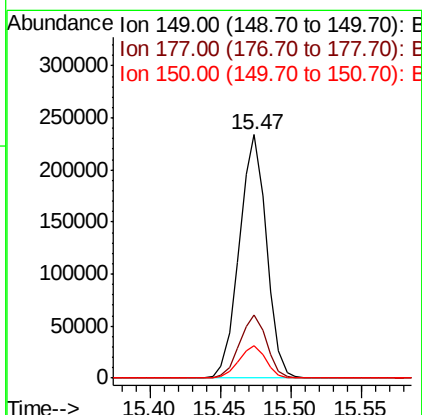
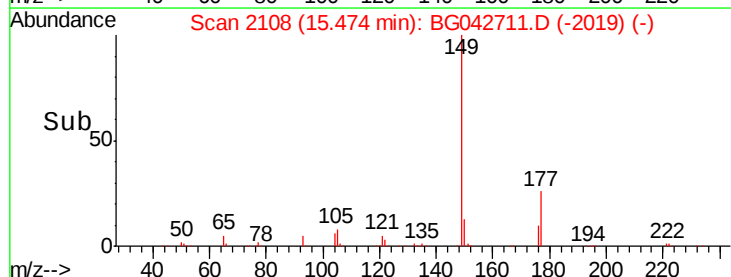
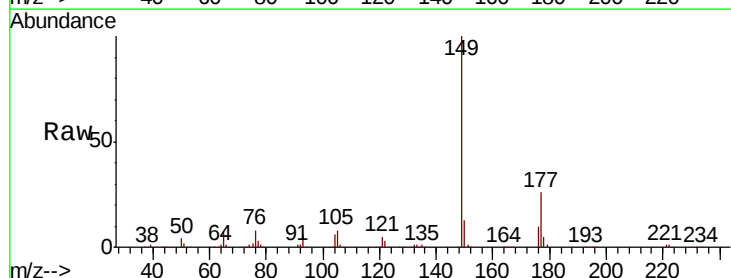
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#60
 Diethylphthalate
 Concen: 49.345 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.7	20.4	30.6
150	13.4	10.3	15.5





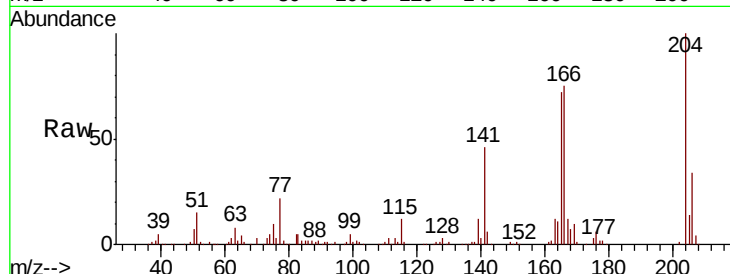
#61
4-Chlorophenyl-phenylether
Concen: 51.554 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100	193134		
206	34.3	27.2	40.8	
141	46.0	38.7	58.1	

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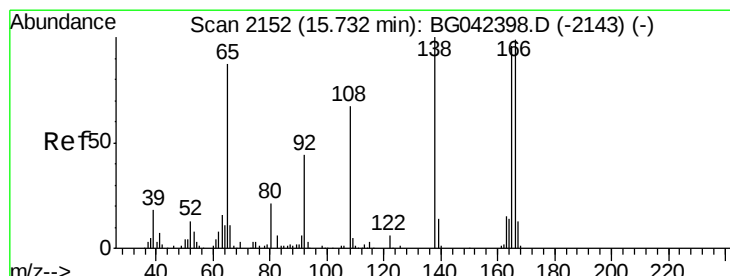
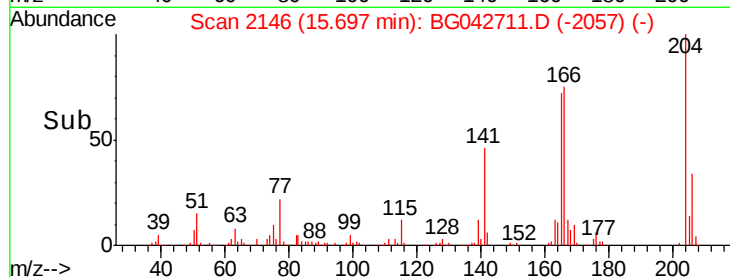
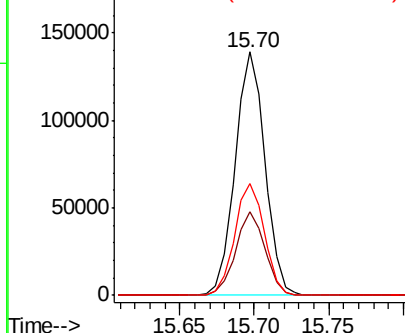


Abundance

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: 45.591 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

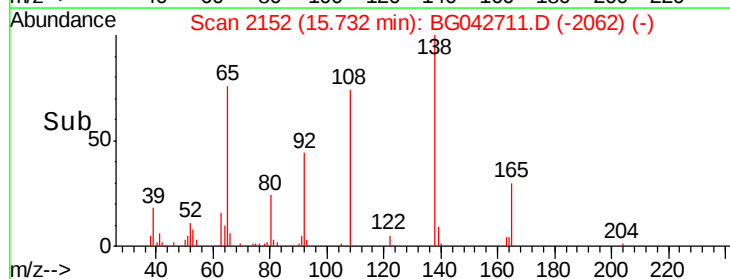
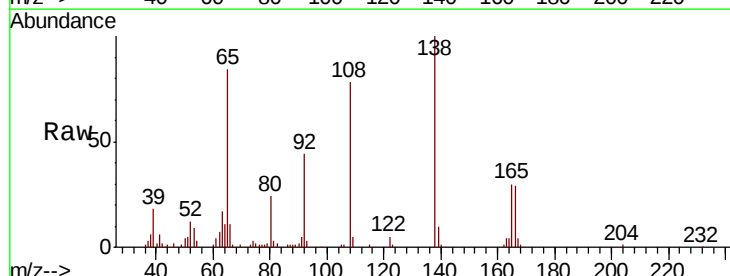
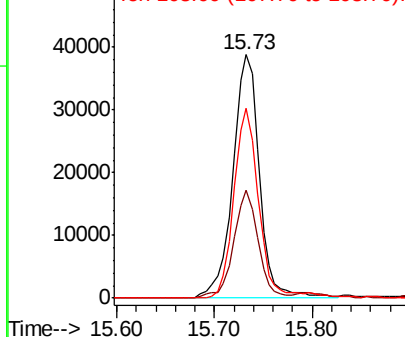
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	73617		
92	44.1	24.2	64.2	
108	78.0	46.8	86.8	

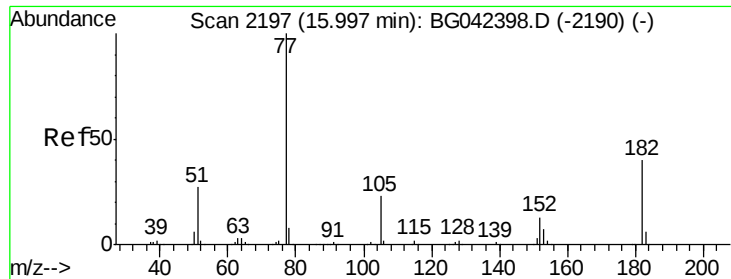
Abundance

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





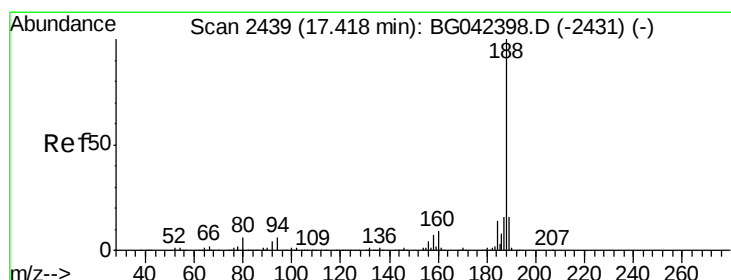
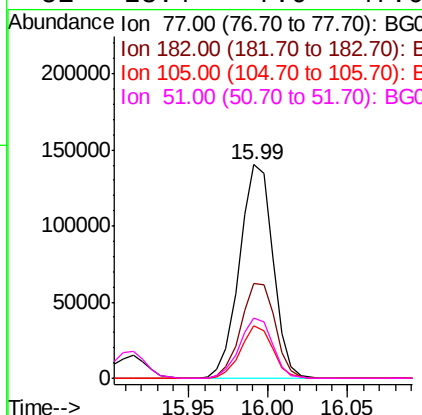
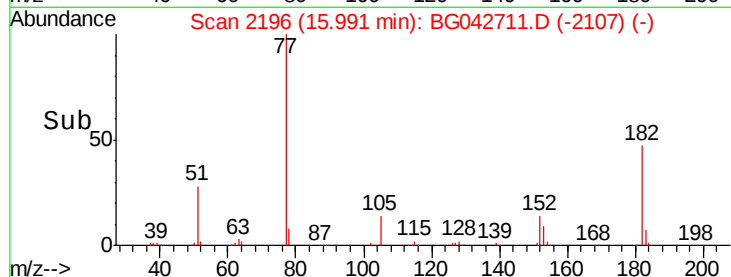
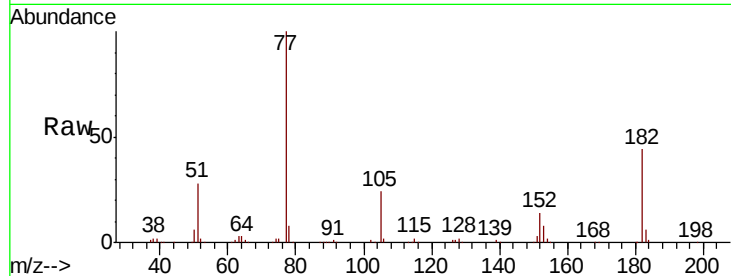
#63
Azobenzene
Concen: 47.218 ng
RT: 15.99 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	44.2	19.9	59.9	
105	24.4	2.9	42.9	
51	28.4	7.6	47.6	

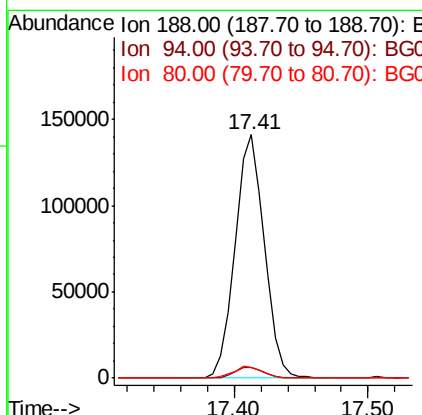
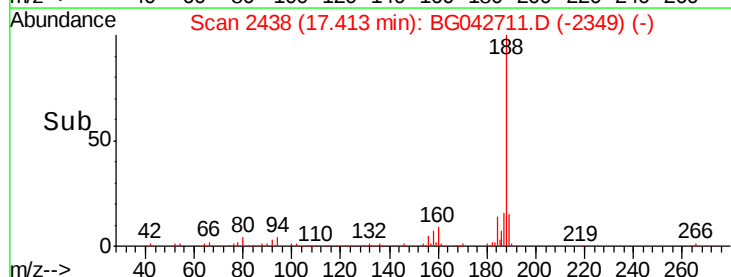
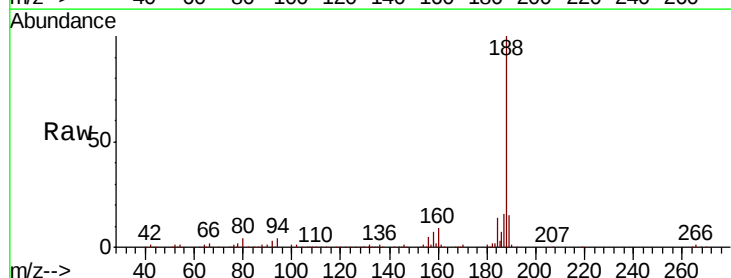
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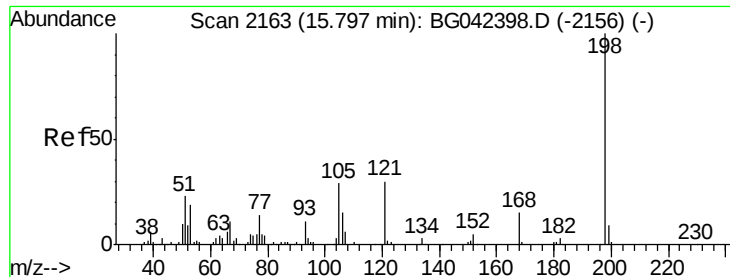
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	4.3	4.5	6.7#	
80	4.3	4.9	7.3#	





#65

4,6-Dinitro-2-methylphenol

Concen: 54.233 ng

RT: 15.80 min Scan# 2163

Delta R.T. 0.00 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

Tot Ion:198 Resp: 72828

Ion Ratio Lower Upper

198 100

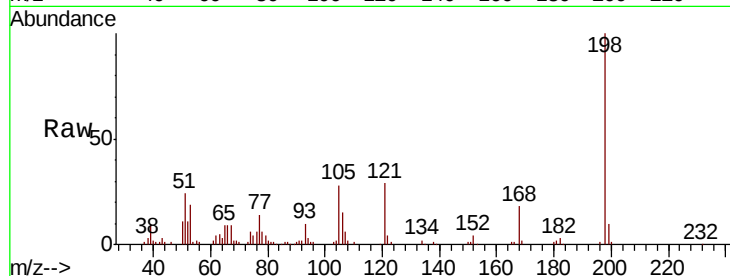
51 23.8 4.2 44.2

105 27.8 8.8 48.8

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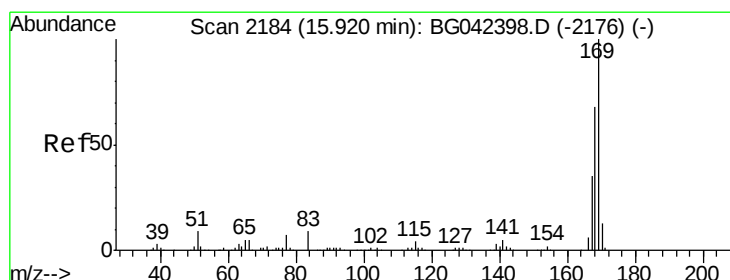
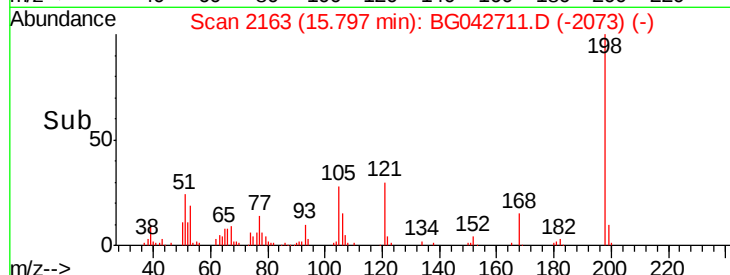
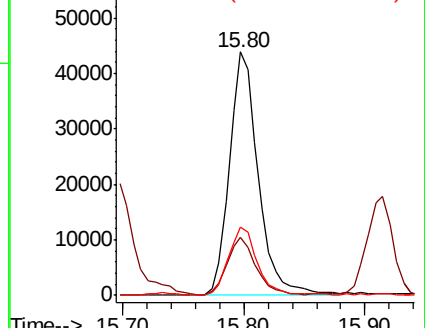
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 51.076 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

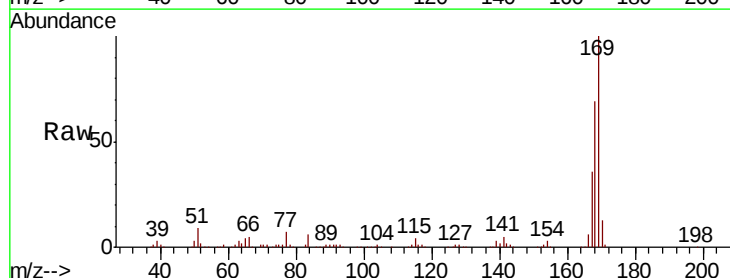
Tgt Ion:169 Resp: 300852

Ion Ratio Lower Upper

169 100

168 69.5 54.3 81.5

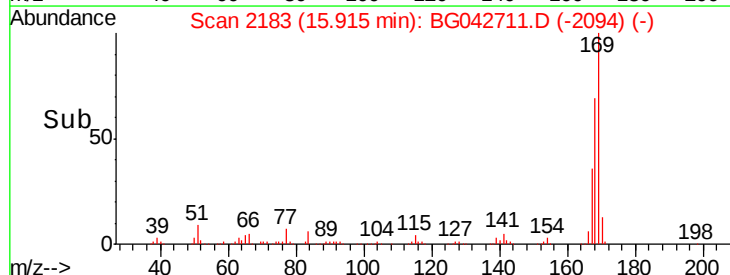
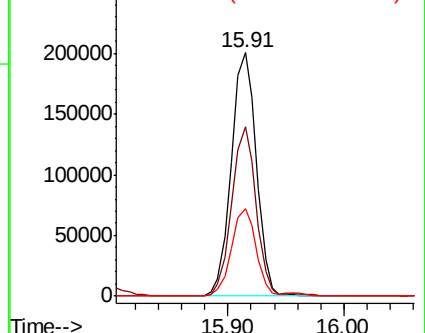
167 35.9 28.2 42.2



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





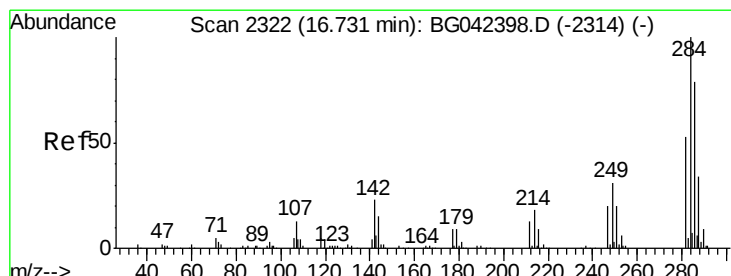
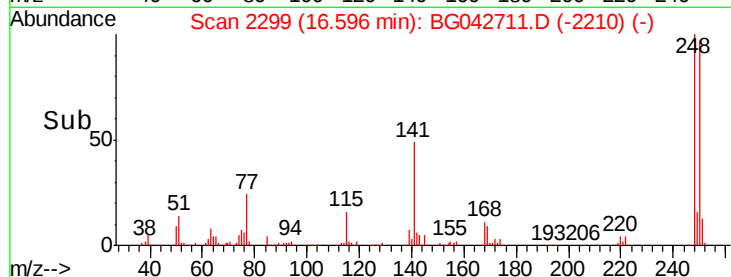
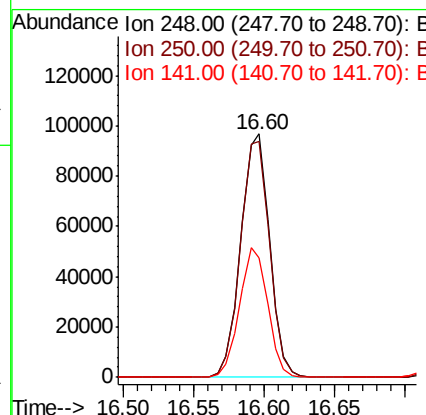
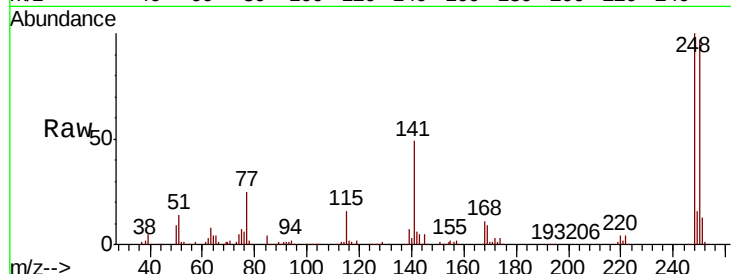
#67
 4-Bromophenyl-phenylether
 Concen: 50.783 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.9	118.3
141	49.0	43.3	64.9

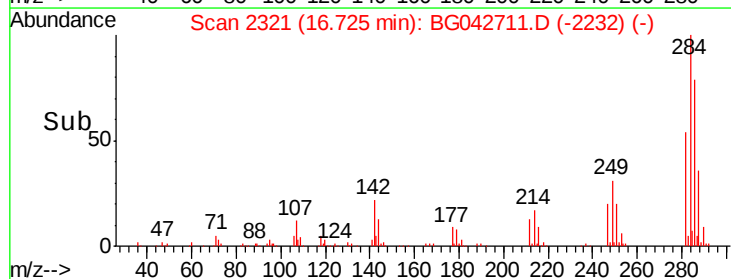
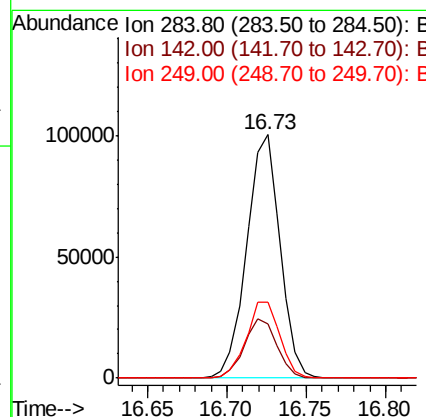
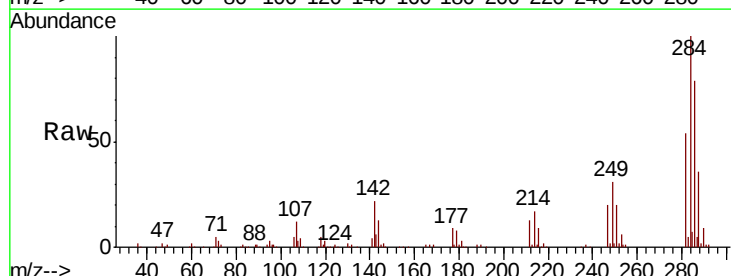
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#68
 Hexachlorobenzene
 Concen: 49.543 ng
 RT: 16.73 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
284	100		
142	22.5	18.2	27.4
249	31.0	25.0	37.4





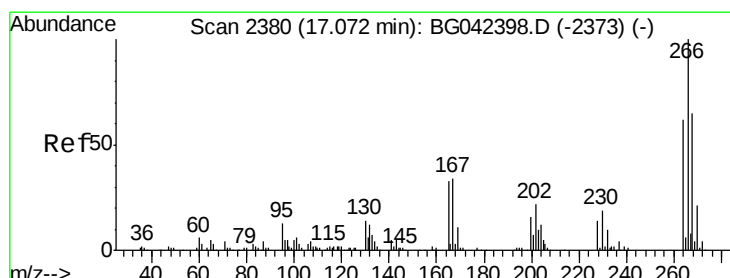
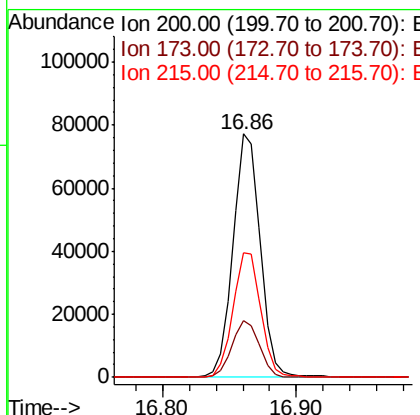
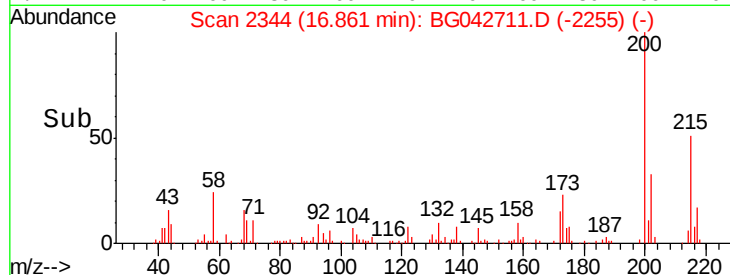
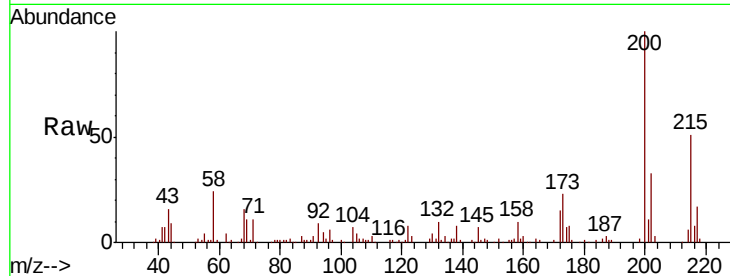
#69
 Atrazine
 Concen: 52.700 ng
 RT: 16.86 min Scan# 2344
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	109774		
173	23.5	4.9	44.9	
215	51.2	30.7	70.7	

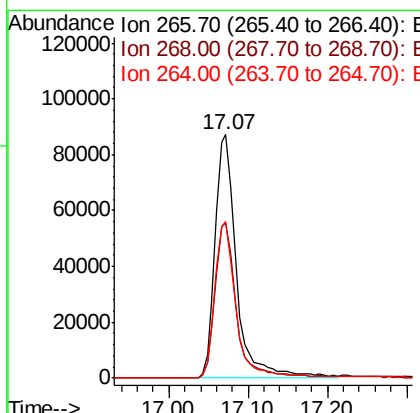
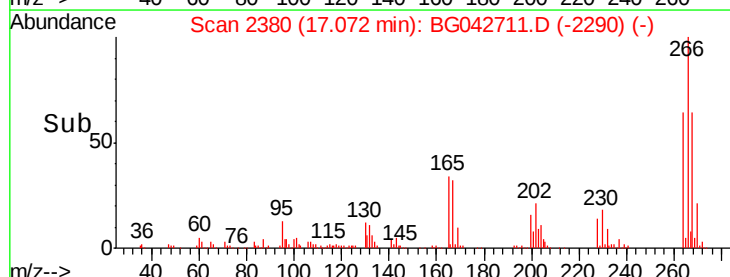
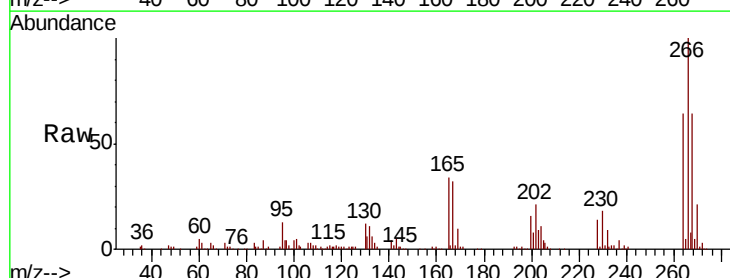
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#70
 Pentachlorophenol
 Concen: 107.077 ng
 RT: 17.07 min Scan# 2380
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	164313		
268	63.6	52.1	78.1	
264	64.3	49.4	74.2	





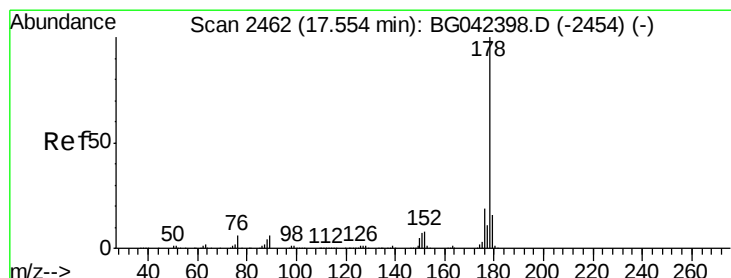
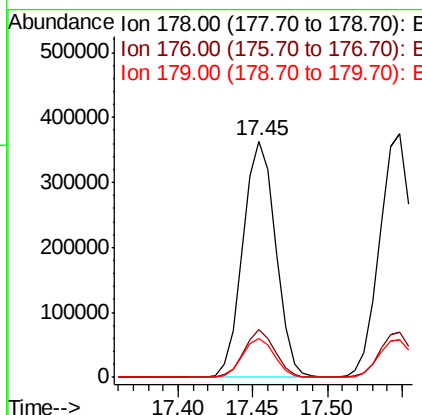
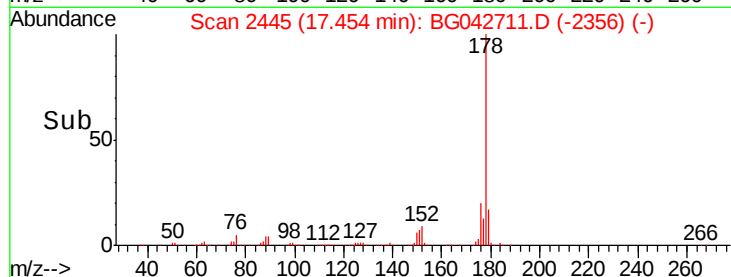
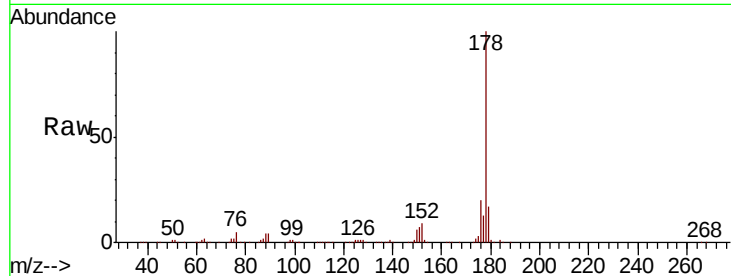
#71
Phenanthrene
Concen: 51.895 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.9	23.9
179	16.6	12.7	19.1

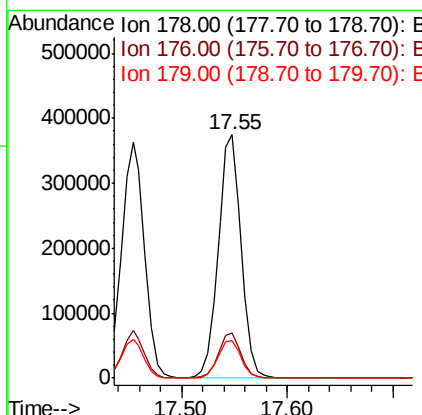
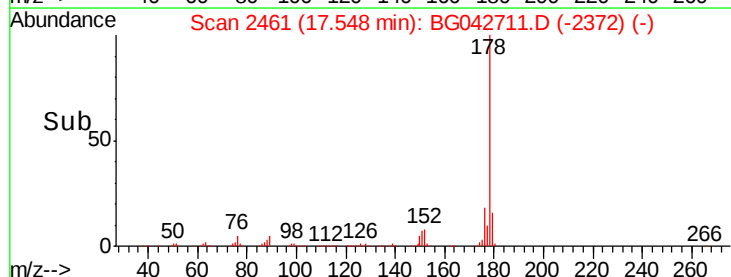
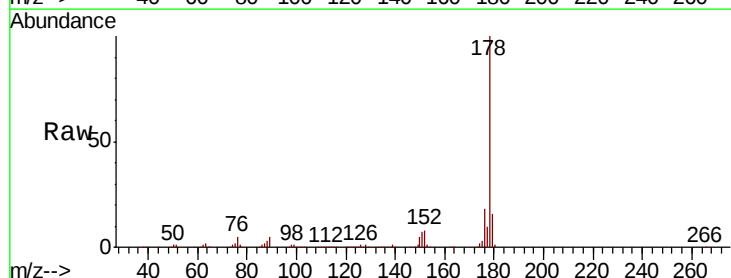
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#72
Anthracene
Concen: 52.748 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.5	23.3
179	15.6	12.9	19.3





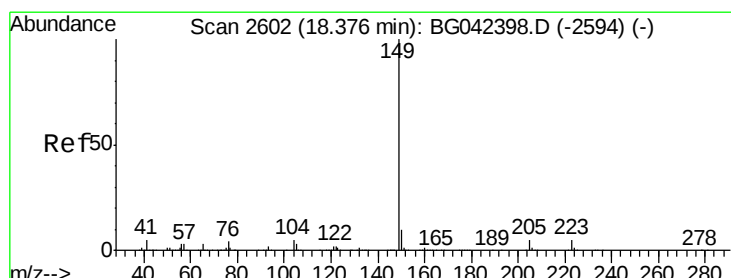
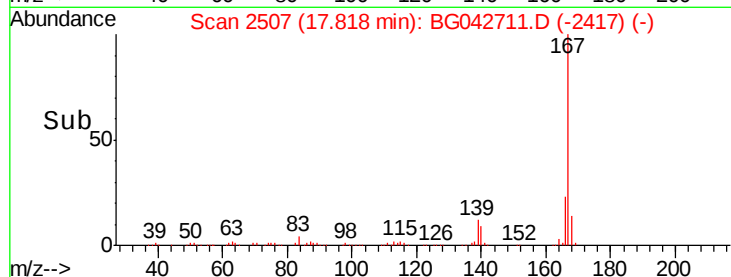
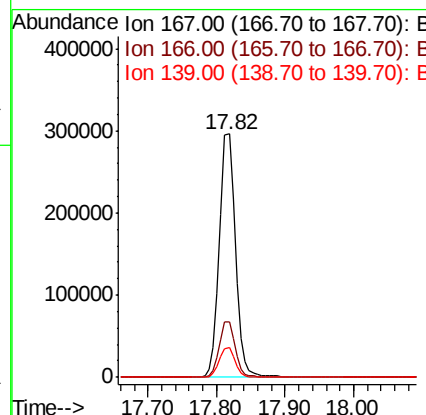
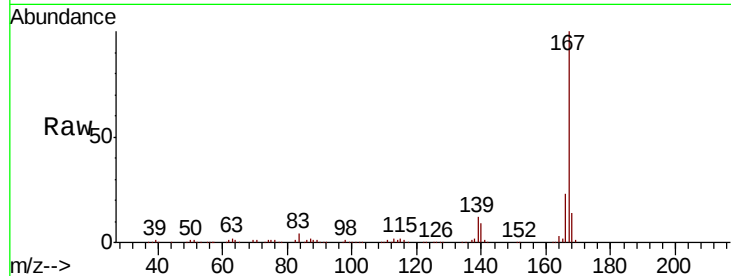
#73
 Carbazole
 Concen: 51.285 ng
 RT: 17.82 min Scan# 2507
 Delta R.T. 0.00 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Instrument :
 BNA_G
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.9	28.3
139	12.3	9.8	14.6

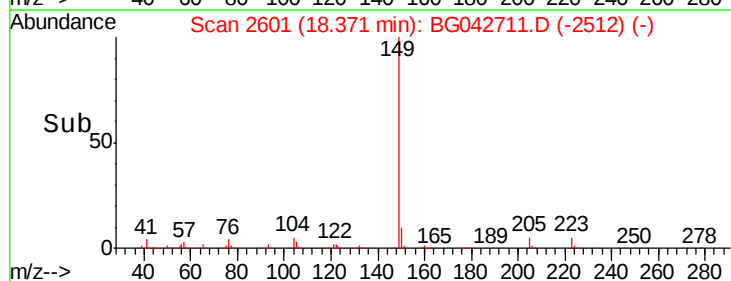
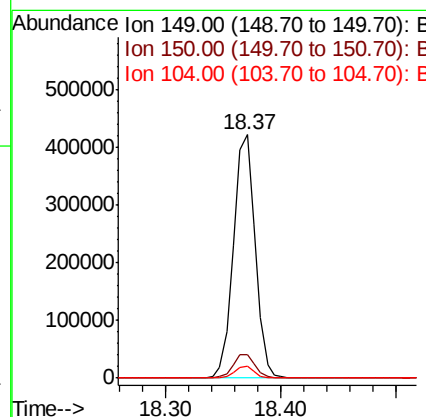
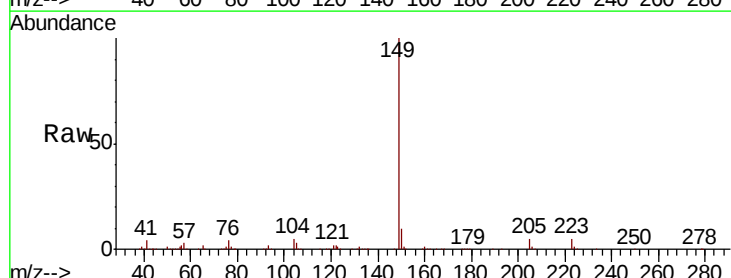
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#74
 Di-n-butylphthalate
 Concen: 49.101 ng
 RT: 18.37 min Scan# 2601
 Delta R.T. -0.01 min
 Lab File: BG042711.D
 Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	8.1	12.1
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 54.649 ng

RT: 19.47 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

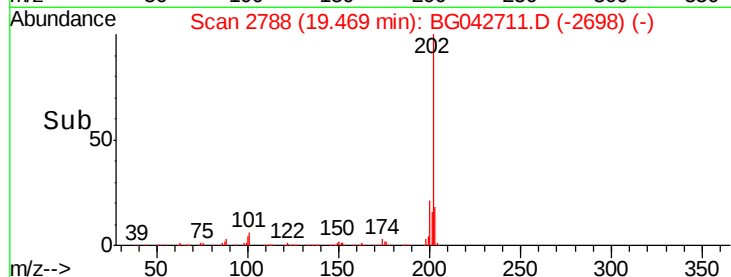
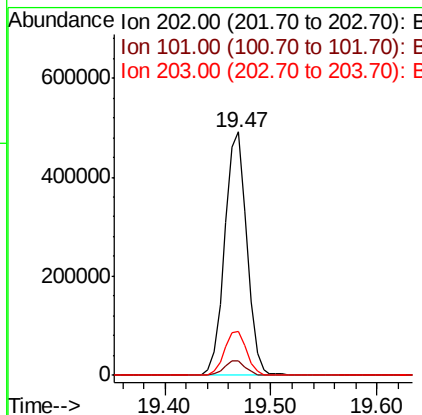
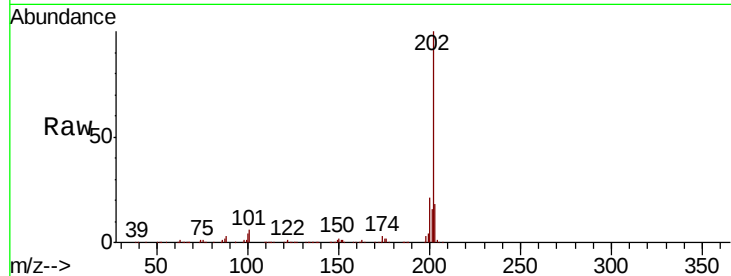
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		709575		
101	5.8	0.0	28.3		
203	18.2	0.0	39.6		

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#76

Chrysene-d12

Concen: 20.000 ng

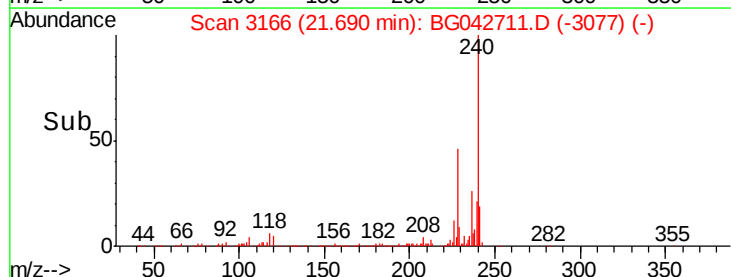
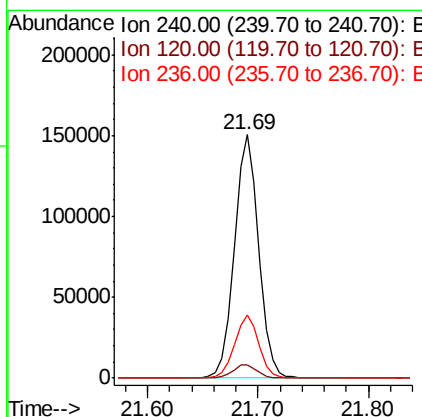
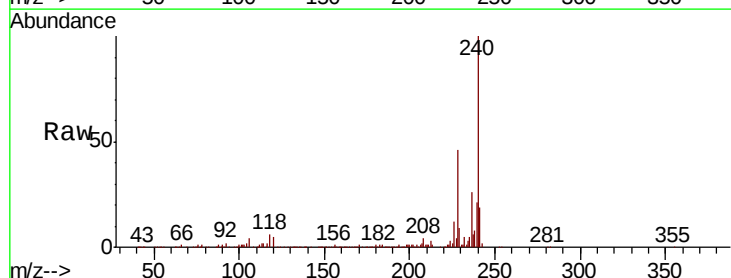
RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		231450		
120	5.4	5.7	8.5#		
236	26.1	21.0	31.4		





#77

Benzidine

Concen: 11.416 ng

RT: 19.65 min Scan# 2819

Delta R.T. 0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

Tot Ion:184 Resp: 75754

Ion Ratio Lower Upper

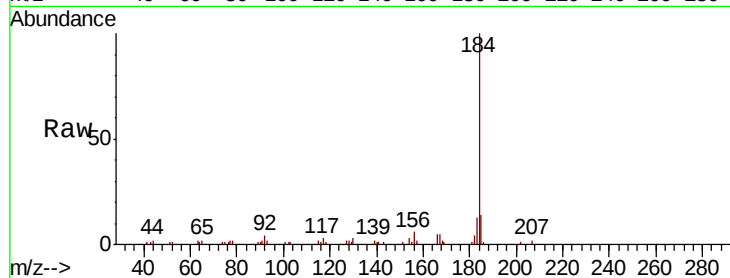
184 100

185 13.7 12.2 18.4

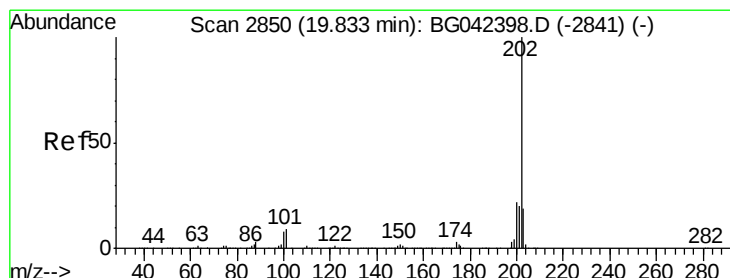
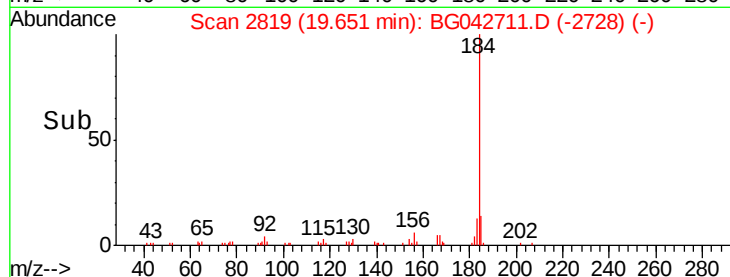
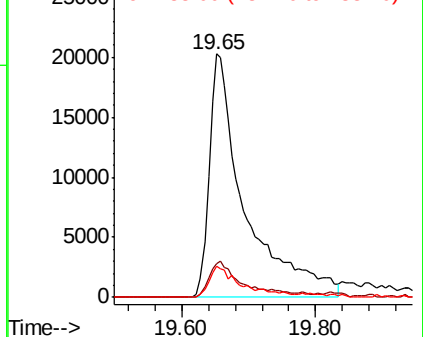
183 12.6 10.8 16.2

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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: 50.708 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

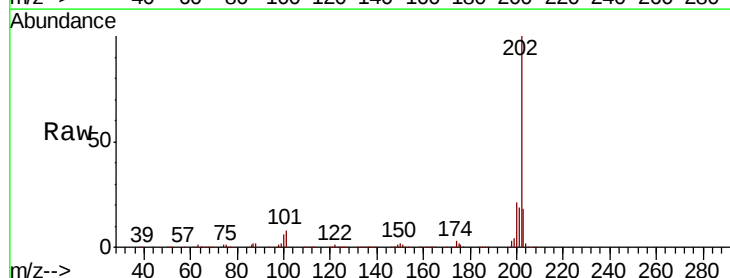
Tgt Ion:202 Resp: 719555

Ion Ratio Lower Upper

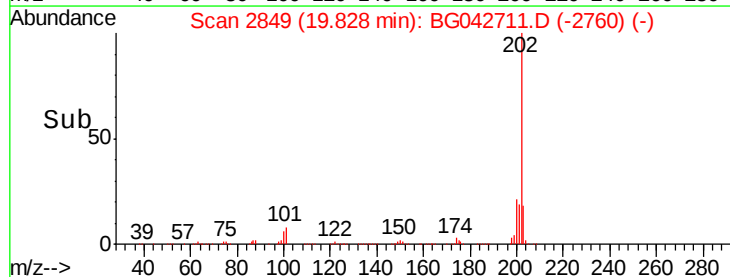
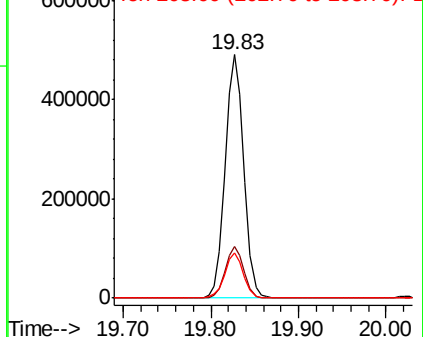
202 100

200 21.1 17.8 26.6

203 18.5 15.5 23.3



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: 102.313 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

Tot Ion:244 Resp: 1095344

Ion Ratio Lower Upper

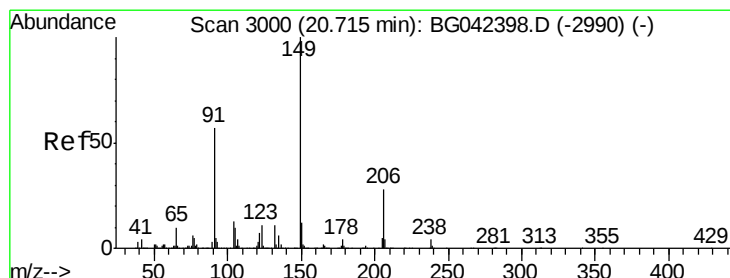
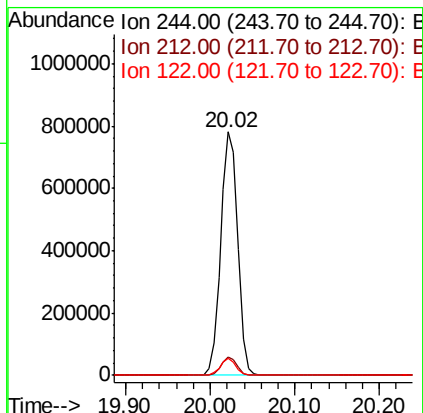
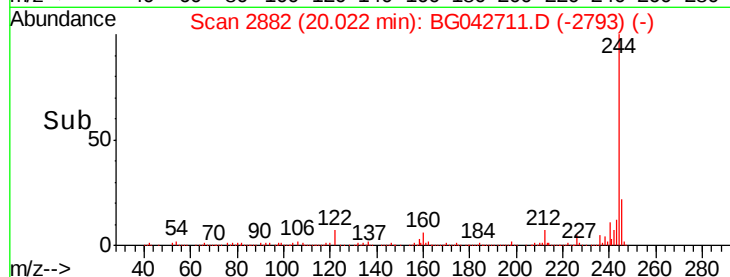
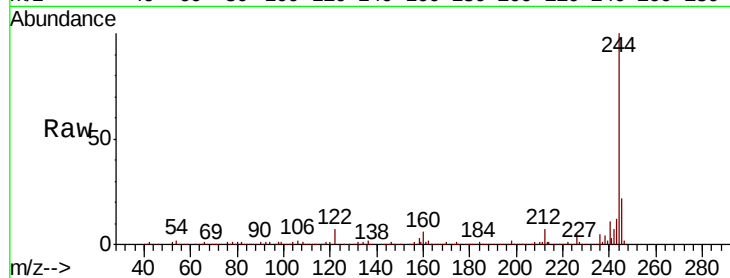
244 100

212 7.3 6.0 9.0

122 6.9 6.7 10.1

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#80

Butylbenzylphthalate

Concen: 45.339 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

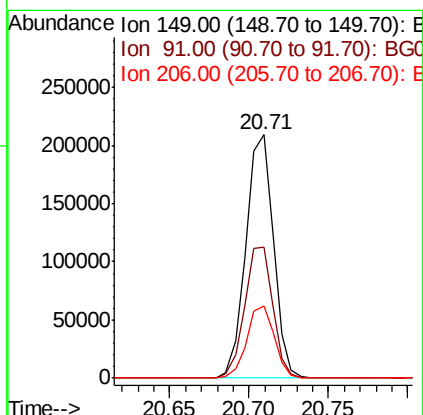
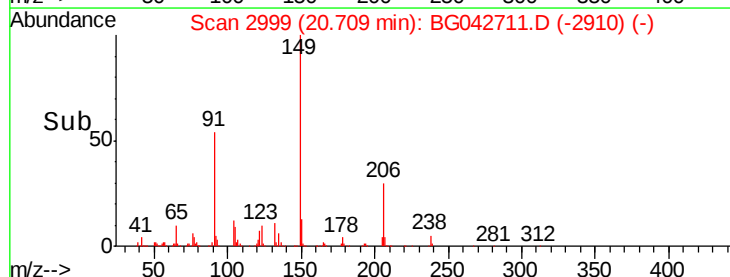
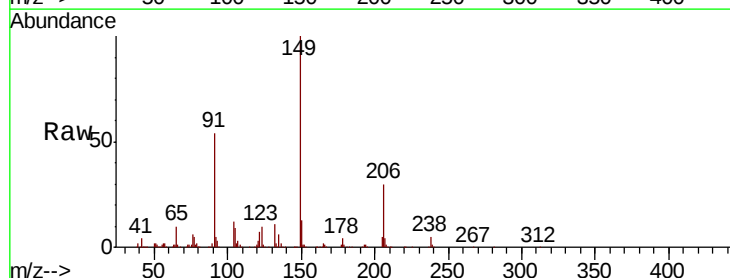
Tgt Ion:149 Resp: 253048

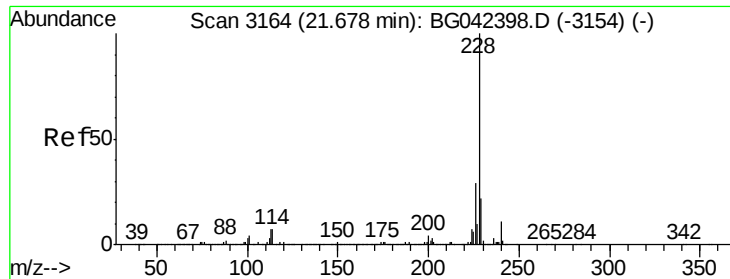
Ion Ratio Lower Upper

149 100

91 53.5 45.9 68.9

206 29.5 22.5 33.7





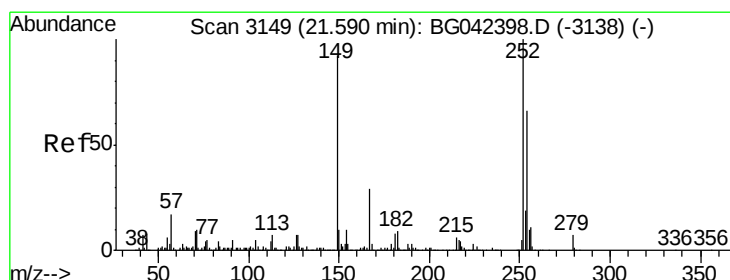
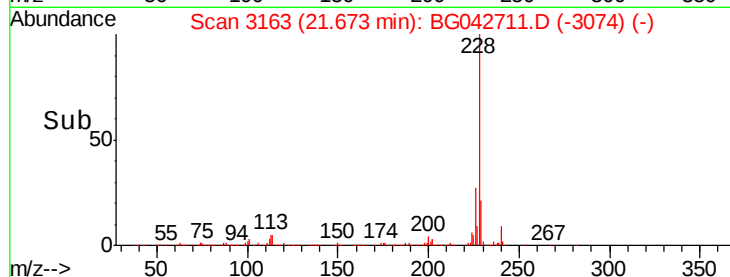
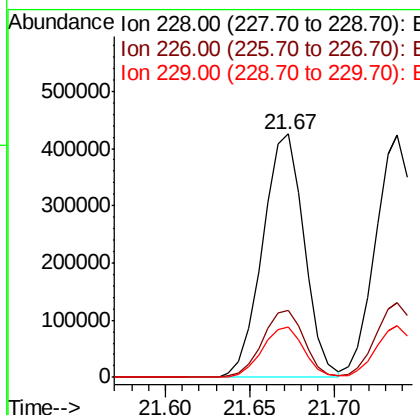
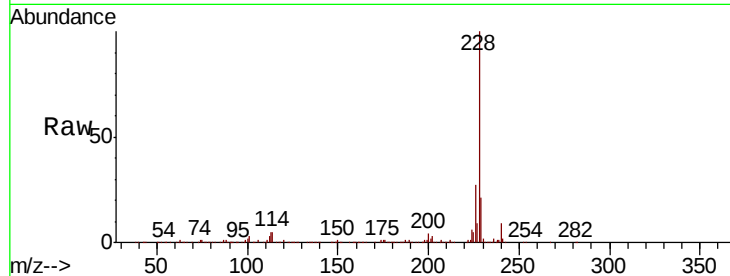
#81
Benzo(a)anthracene
Concen: 51.143 ng
RT: 21.67 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	23.4	35.2
229	20.6	17.4	26.2

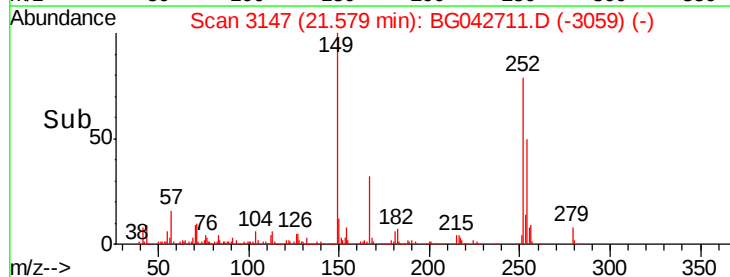
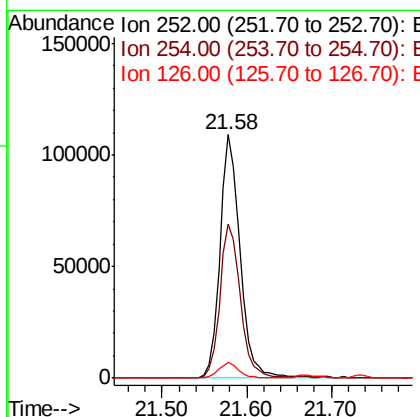
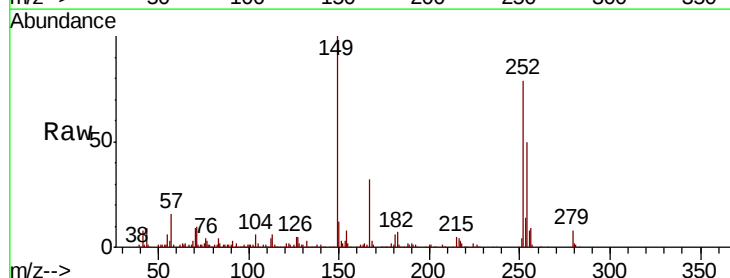
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#82
3,3'-Dichlorobenzidine
Concen: 32.101 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	53.0	79.4
126	6.5	5.7	8.5





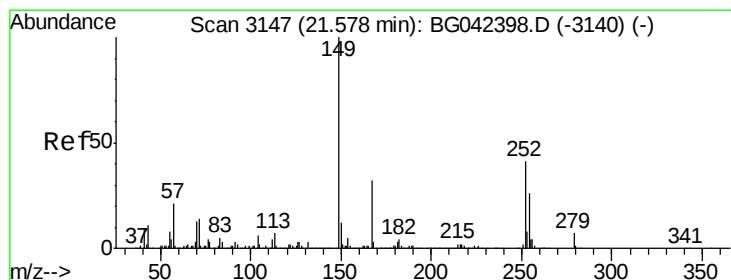
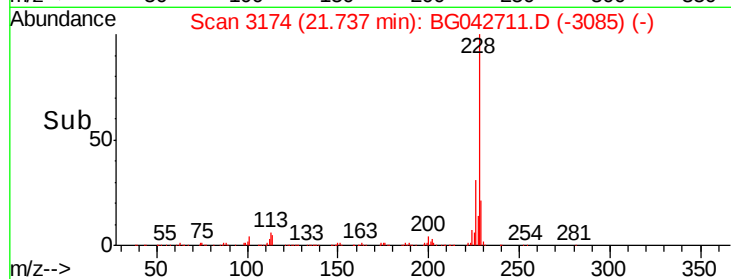
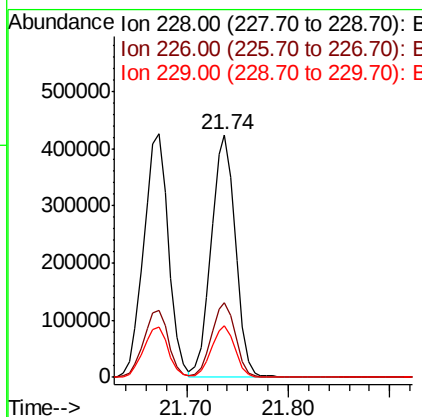
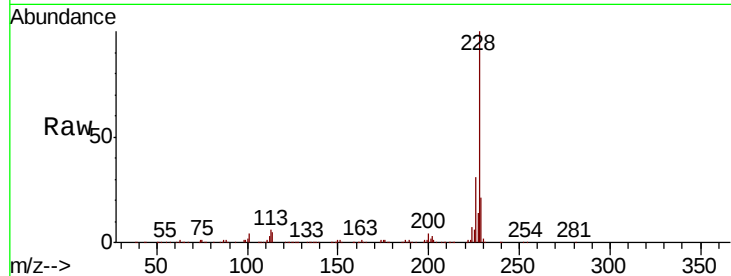
#83
Chrysene
Concen: 51.483 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	21.3	16.9	25.3

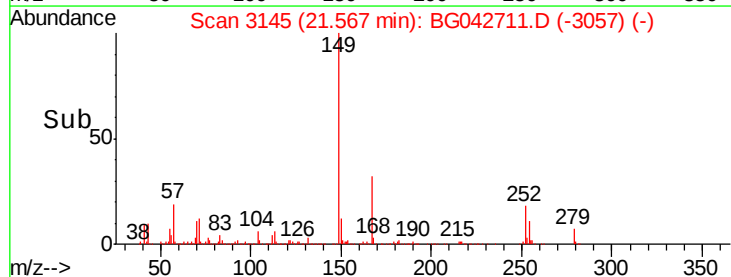
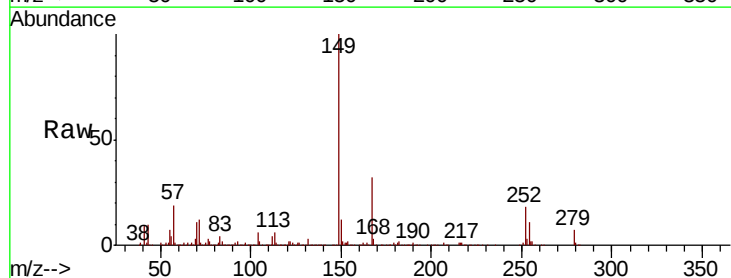
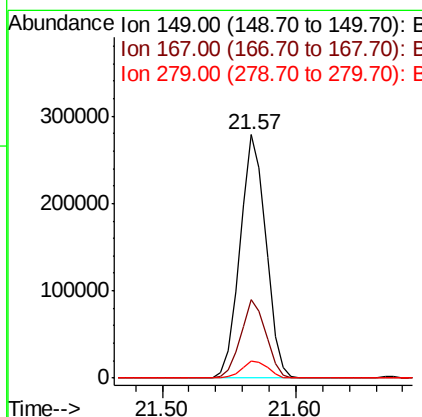
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#84
Bis(2-ethylhexyl)phthalate
Concen: 48.162 ng
RT: 21.57 min Scan# 3145
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	32.2	26.0	39.0
279	6.8	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 48.460 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Instrument :

BNA_G

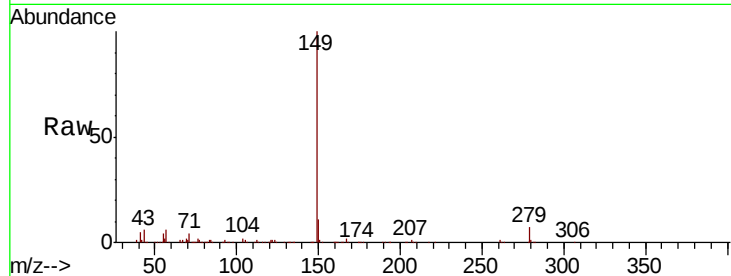
ClientSampleId :

PAR-11-A1-A4-(0-4)MSD

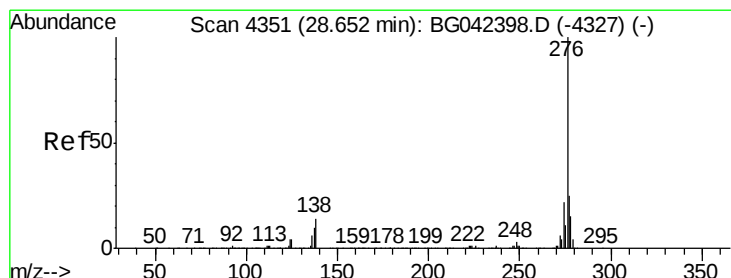
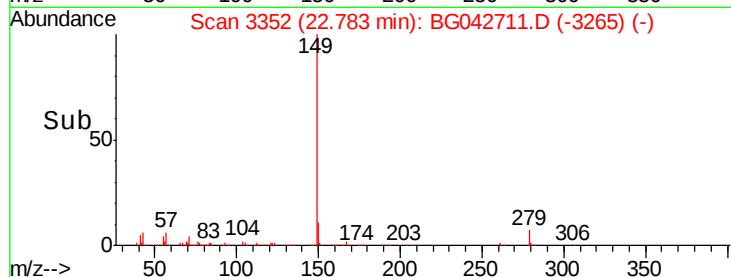
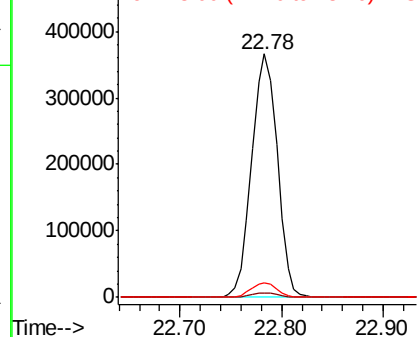
Tot Ion:	149	Resp:	645880
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.6	2.4
43	6.2	5.3	7.9

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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: 48.346 ng

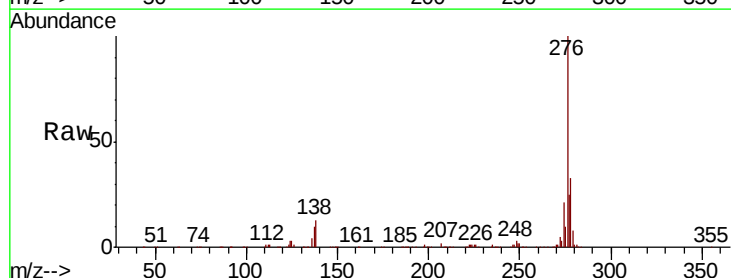
RT: 28.66 min Scan# 4352

Delta R.T. 0.01 min

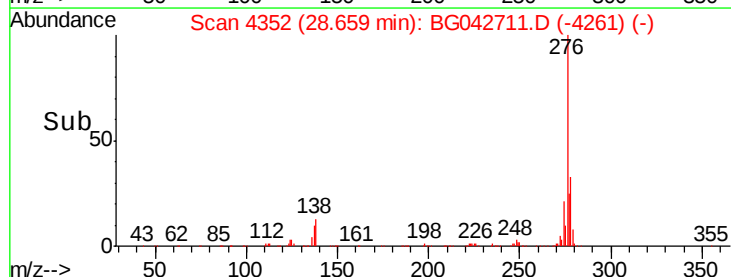
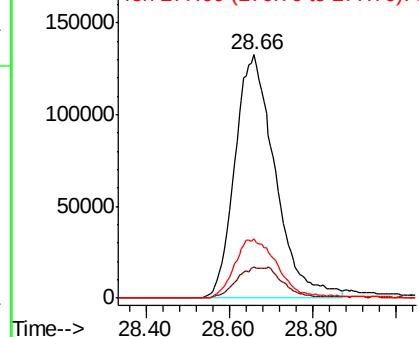
Lab File: BG042711.D

Acq: 4 Sep 2019 17:20

Tgt Ion:	276	Resp:	892127
Ion Ratio	Lower	Upper	
276	100		
138	7.2	9.2	13.8#
277	25.8	21.0	31.6



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





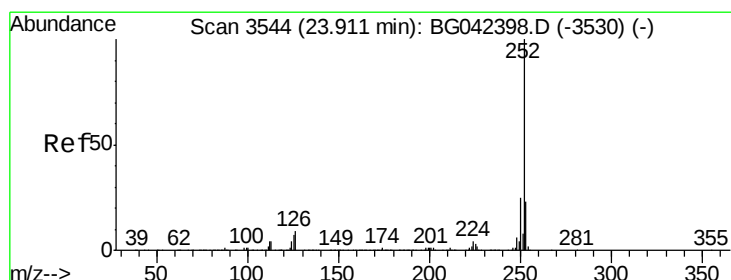
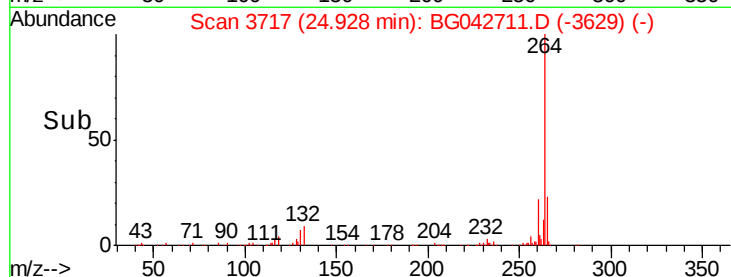
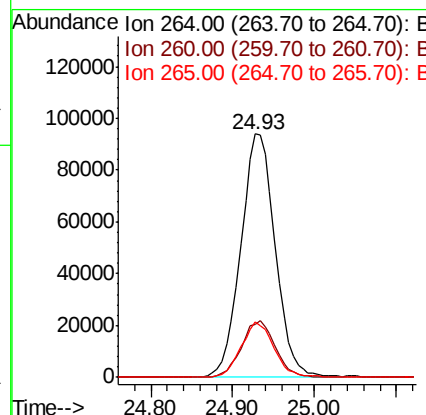
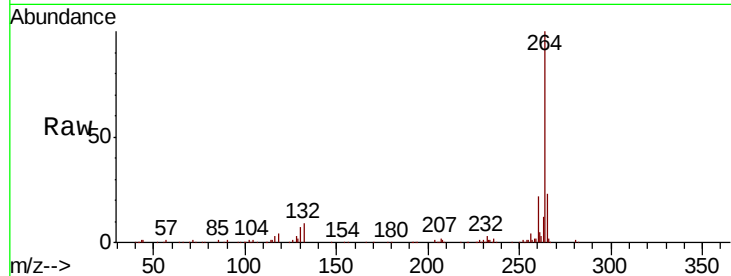
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.5	27.7
265	22.9	17.6	26.4

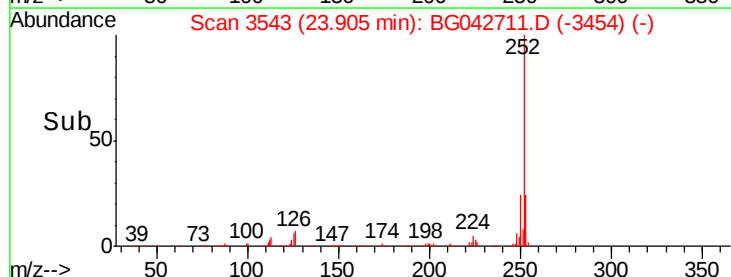
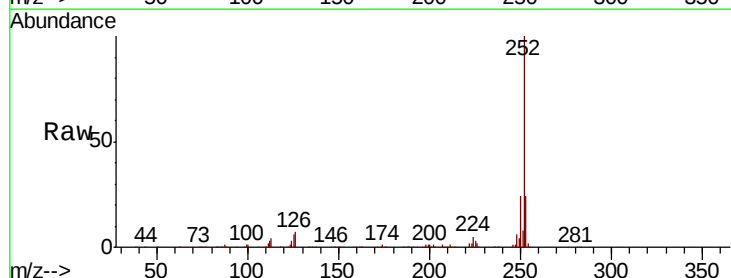
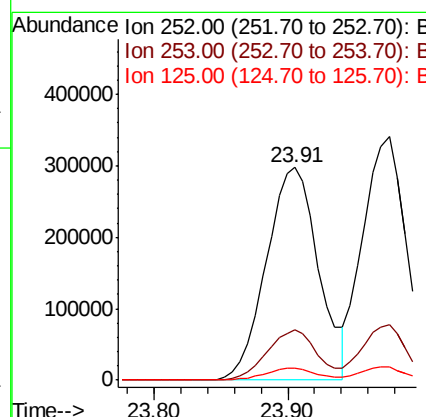
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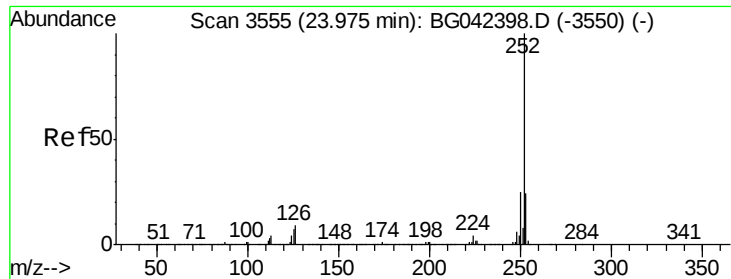
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#88
Benzo(b)fluoranthene
Concen: 53.478 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.6	27.8
125	5.7	5.6	8.4





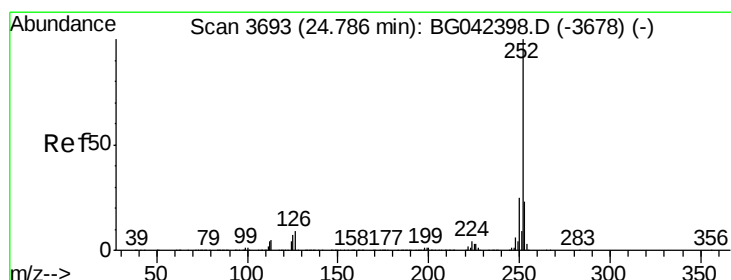
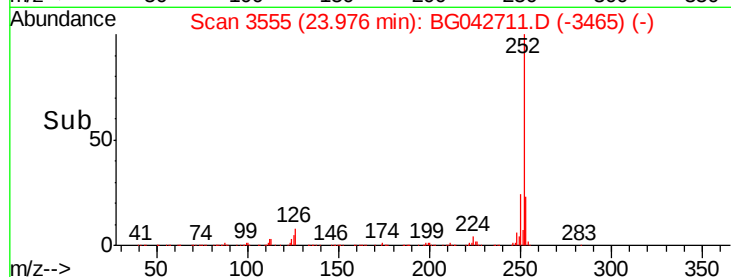
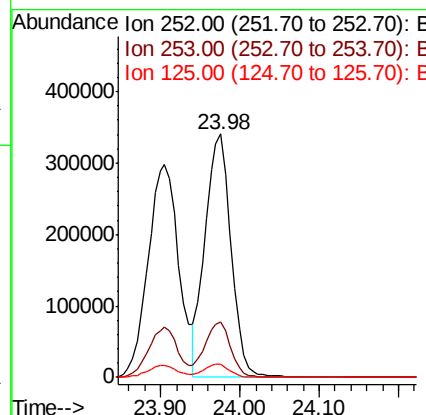
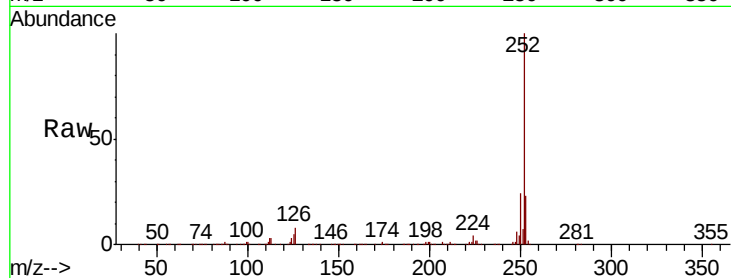
#89
Benzo(k)fluoranthene
Concen: 53.205 ng
RT: 23.98 min Scan# 3555
Delta R.T. 0.00 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.6	27.8
125	5.5	5.8	8.6

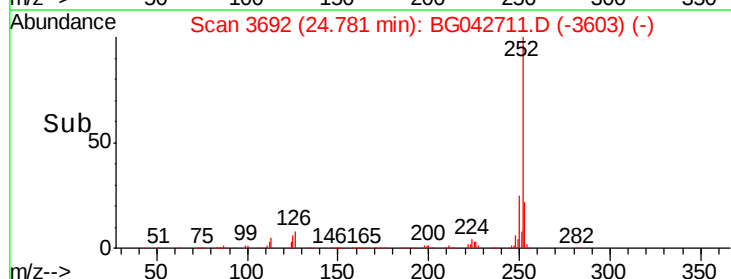
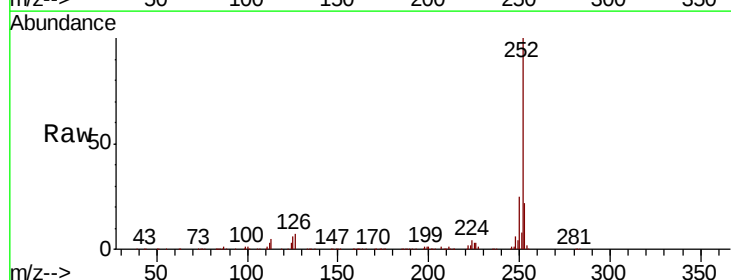
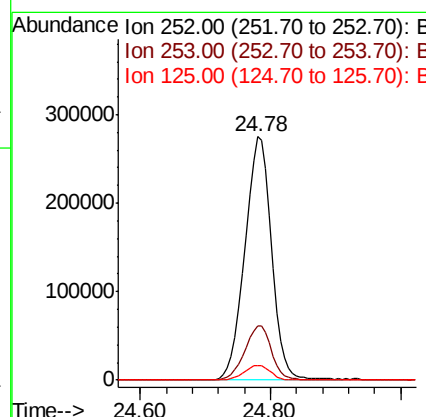
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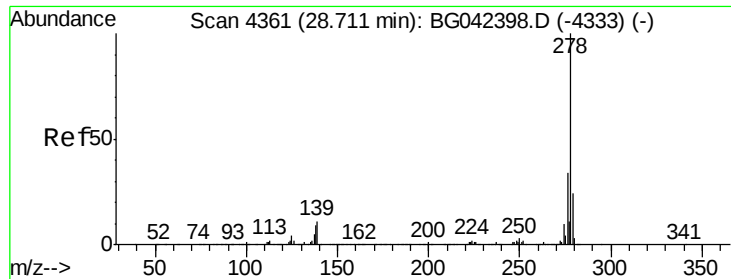
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#90
Benzo(a)pyrene
Concen: 54.381 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	6.1	6.0	9.0





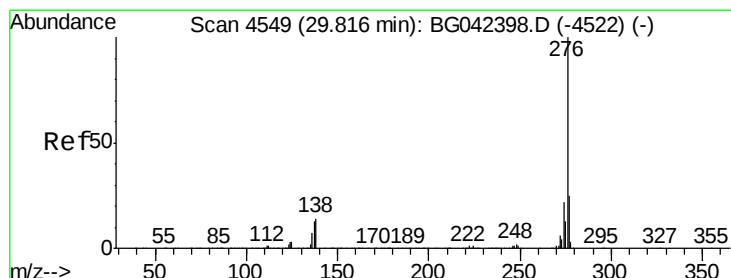
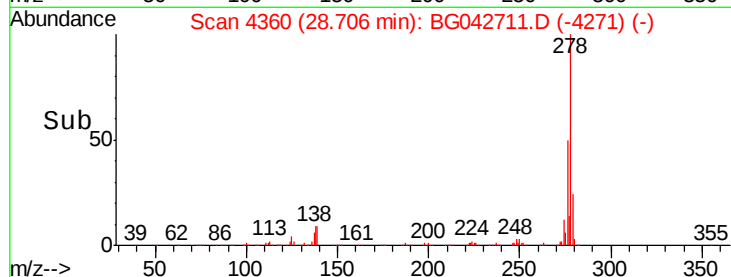
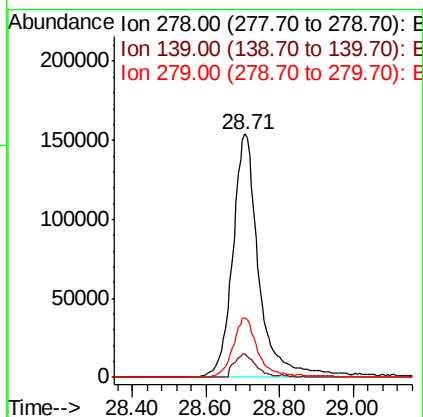
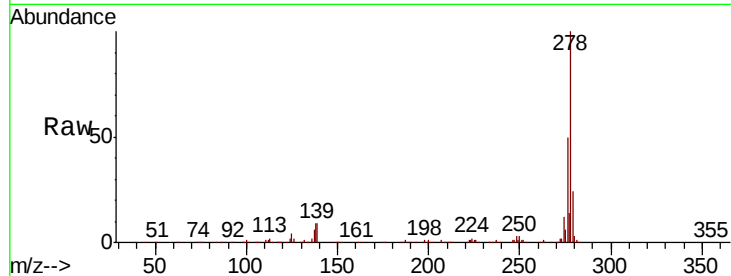
#91
Dibenzo(a,h)anthracene
Concen: 52.073 ng
RT: 28.71 min Scan# 4360
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.4	8.8	13.2
279	24.4	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 50.056 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BG042711.D
Acq: 4 Sep 2019 17:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.8	29.8
138	12.3	11.4	17.0

