

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
 Data File : BG044363.D
 Acq On : 10 Feb 2020 19:19
 Operator : CG/JU
 Sample : L1470-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:49:39 AM

Quant Time: Feb 11 03:05:29 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	60735	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	272720	20.00	ng	0.00
39) Acenaphthene-d10	14.54	164	191275	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	462973	20.00	ng	0.00
76) Chrysene-d12	21.54	240	452724	20.00	ng	0.00
87) Perylene-d12	24.61	264	490142	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	430881	125.21	ng	0.00
7) Phenol-d6	7.08	99	584197	126.42	ng	0.00
23) Nitrobenzene-d5	9.06	82	343551	71.12	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	274667	122.32	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	830792	72.73	ng	0.00
79) Terphenyl-d14	19.90	244	1489071	67.65	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.36	88	65616	42.437	ng	98
3) Pyridine	3.76	79	162712	39.499	ng	99
4) n-Nitrosodimethylamine	3.67	42	85141	49.461	ng	97
6) Aniline	7.22	93	168692	29.408	ng	99
8) 2-Chlorophenol	7.47	128	223960	59.215	ng	99
9) Benzaldehyde	7.04	77	90533	34.397	ng	99
10) Phenol	7.10	94	277180	60.605	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	200471	51.271	ng	99
12) 1,3-Dichlorobenzene	7.79	146	221050	48.950	ng	97
13) 1,4-Dichlorobenzene	7.94	146	223780	50.034	ng	98
14) 1,2-Dichlorobenzene	8.26	146	212099	50.171	ng	97
15) Benzyl Alcohol	8.14	79	179956	55.003	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.43	45	256917	48.547	ng	99
17) 2-Methylphenol	8.35	107	191994	58.838	ng	100
18) Hexachloroethane	8.99	117	80154	47.757	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	160058	51.969	ng	97
20) 3+4-Methylphenols	8.68	107	263980	58.701	ng	99
22) Acetophenone	8.72	105	305567	46.058	ng	99
24) Nitrobenzene	9.10	77	229353	48.634	ng	100
25) Isophorone	9.63	82	456399	50.690	ng	99
26) 2-Nitrophenol	9.81	139	125743	51.386	ng	99
27) 2,4-Dimethylphenol	9.88	122	218915	63.376	ng	98
28) bis(2-Chloroethoxy)methane	10.11	93	285325	47.504	ng	99
29) 2,4-Dichlorophenol	10.36	162	228028	54.595	ng	98
30) 1,2,4-Trichlorobenzene	10.57	180	223227	46.610	ng	99
31) Naphthalene	10.75	128	660276	49.902	ng	99
32) Benzoic acid	10.04	122	76515	37.872	ng	95
33) 4-Chloroaniline	10.87	127	64910	10.786	ng	96
34) Hexachlorobutadiene	11.05	225	130090	44.144	ng	98
35) Caprolactam	11.63	113	93986m	61.428	ng	
36) 4-Chloro-3-methylphenol	11.99	107	249099	56.883	ng	99
37) 2-Methylnaphthalene	12.36	142	501544	51.052	ng	99
38) 1-Methylnaphthalene	12.58	142	477363	51.540	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.73	216	249238	43.560	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	295544	107.650	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	188576	50.989	ng	97
44) 2,4,5-Trichlorophenol	13.05	196	205203	54.323	ng	99
46) 1,1'-Biphenyl	13.38	154	654416	47.432	ng	99
47) 2-Chloronaphthalene	13.42	162	509513	46.408	ng	100
48) 2-Nitroaniline	13.62	65	155593	48.021	ng	96
49) Acenaphthylene	14.26	152	833581	51.765	ng	99
50) Dimethylphthalate	14.00	163	730379	53.121	ng	100
51) 2,6-Dinitrotoluene	14.11	165	159012	51.869	ng	99
52) Acenaphthene	14.61	154	508778	48.745	ng	98
53) 3-Nitroaniline	14.44	138	64338	18.969	ng	98
54) 2,4-Dinitrophenol	14.65	184	183943	99.234	ng	99
55) Dibenzofuran	14.94	168	808099	51.136	ng	99
56) 4-Nitrophenol	14.77	139	315896	127.151	ng	99
57) 2,4-Dinitrotoluene	14.90	165	228541	53.189	ng	99
58) Fluorene	15.59	166	648450	52.098	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	193069	56.584	ng	99
60) Diethylphthalate	15.37	149	721266	52.646	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	341017	50.530	ng	97
62) 4-Nitroaniline	15.61	138	166957	49.263	ng	98
63) Azobenzene	15.88	77	633749	52.780	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	143431	56.124	ng	98
66) n-Nitrosodiphenylamine	15.80	169	621219	47.880	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	233300	46.253	ng	99
68) Hexachlorobenzene	16.60	284	256922	45.465	ng	100
69) Atrazine	16.75	200	252958	56.882	ng	99
70) Pentachlorophenol	16.95	266	296919	102.965	ng	97
71) Phenanthrene	17.33	178	1111141	49.563	ng	99
72) Anthracene	17.42	178	1146541	51.729	ng	99
73) Carbazole	17.69	167	1058284	51.793	ng	100
74) Di-n-butylphthalate	18.26	149	1292237	51.177	ng	100
75) Fluoranthene	19.34	202	1356910	52.321	ng	100
77) Benzidine	19.51	184	460908	36.704	ng	99
78) Pyrene	19.70	202	1359948	46.775	ng	99
80) Butylbenzylphthalate	20.59	149	594802	44.893	ng	97
81) Benzo(a)anthracene	21.51	228	1303169	46.706	ng	100
82) 3,3'-Dichlorobenzidine	21.43	252	223786	20.665	ng	99
83) Chrysene	21.58	228	1242228	46.060	ng	99
84) Bis(2-ethylhexyl)phthalate	21.44	149	844545	46.310	ng	99
85) Di-n-octyl phthalate	22.60	149	1458250	46.215	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1634564	46.455	ng	100
88) Benzo(b)fluoranthene	23.65	252	1391057	49.252	ng	99
89) Benzo(k)fluoranthene	23.71	252	1369406	49.747	ng	99
90) Benzo(a)pyrene	24.47	252	1296703	48.558	ng	98
91) Dibenzo(a,h)anthracene	28.17	278	1343720	50.844	ng	98
92) Benzo(g,h,i)perylene	29.20	276	1369060	51.748	ng	99

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

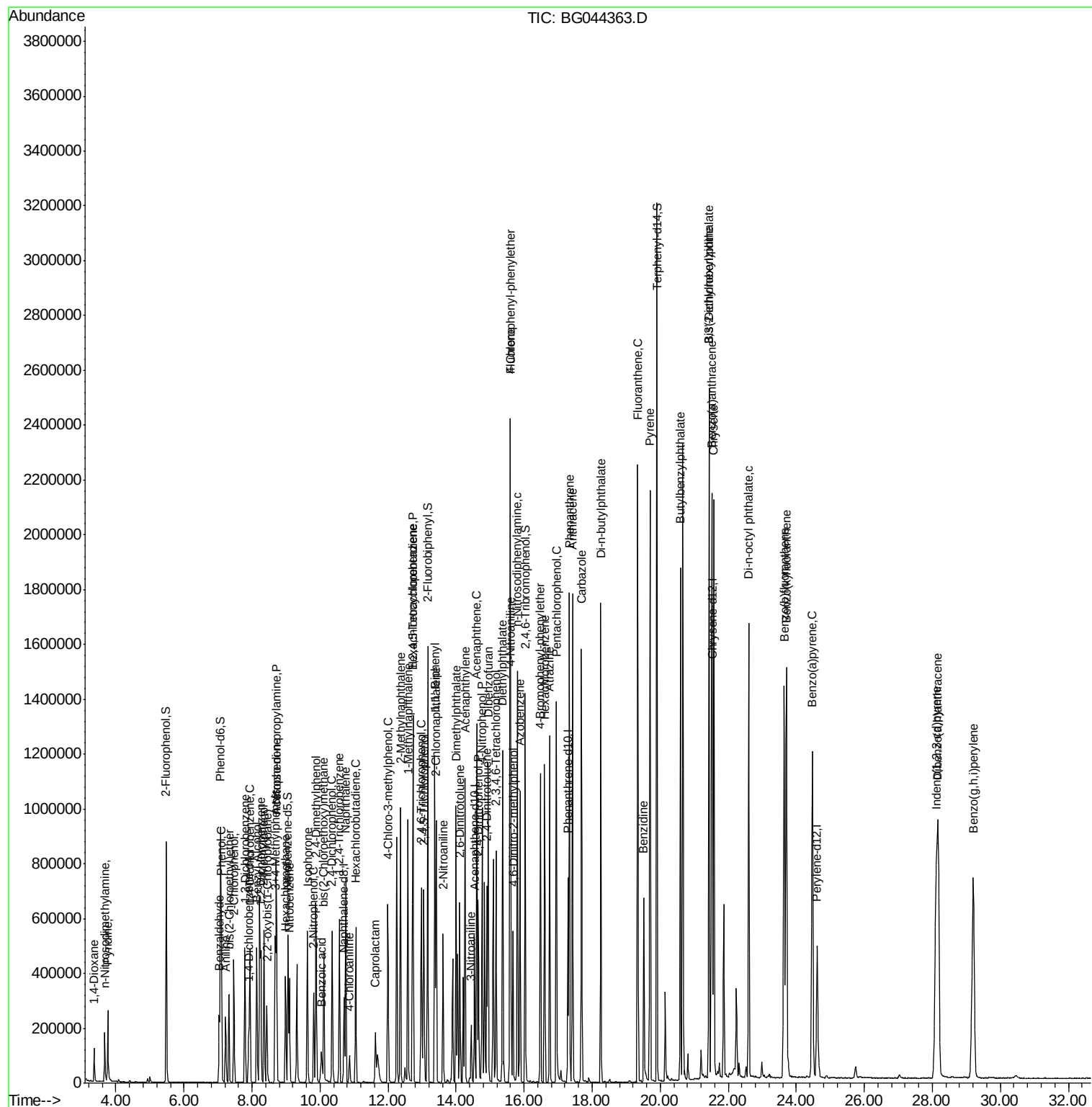
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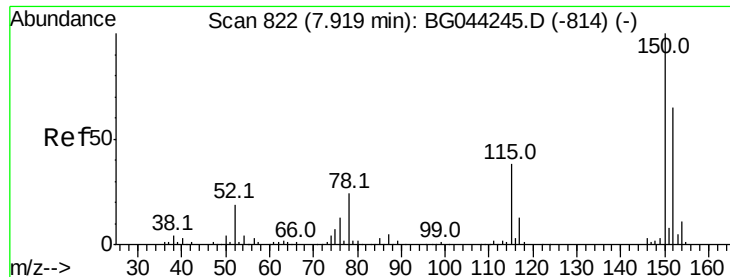
Instrument :
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#1

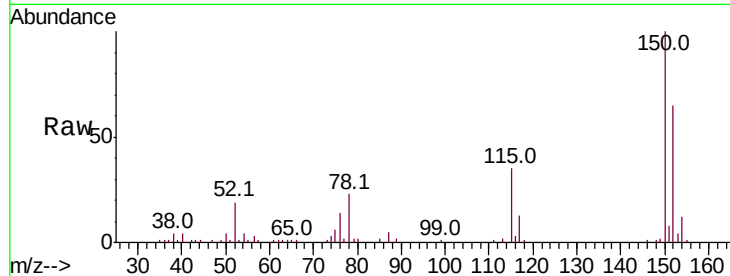
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	122.6	183.8
115	54.5	46.0	69.0

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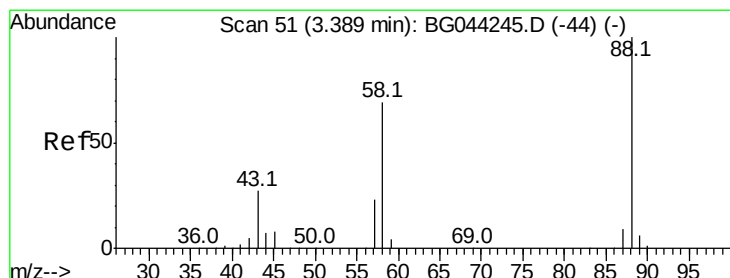
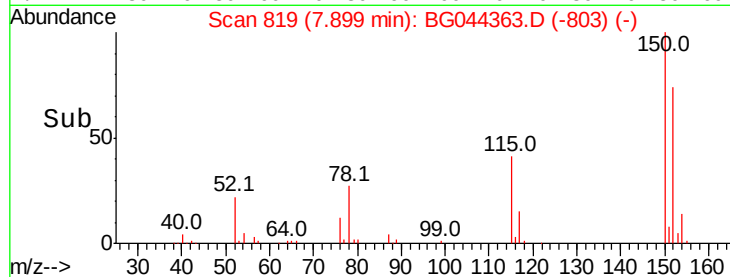
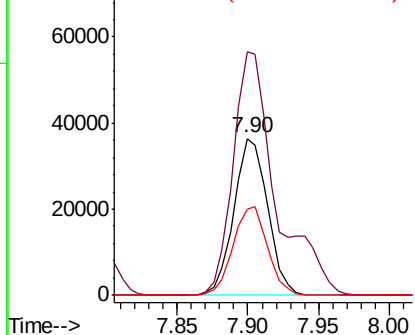


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

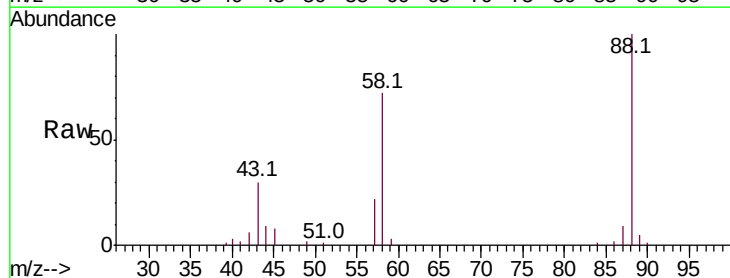
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 42.437 ng
 RT: 3.36 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	55.8	83.6
43	24.9	21.6	32.4

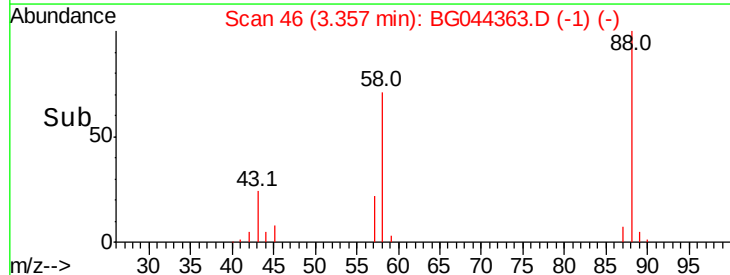
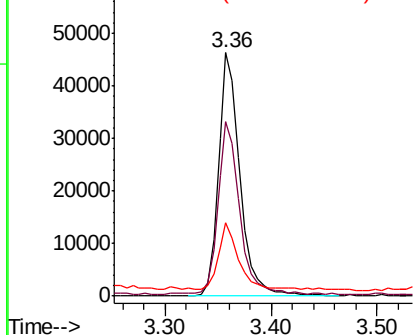


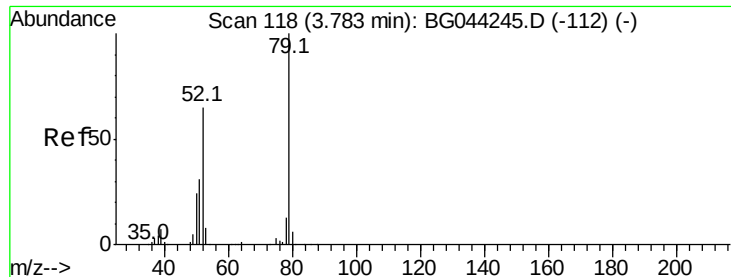
Abundance

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: 39.499 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

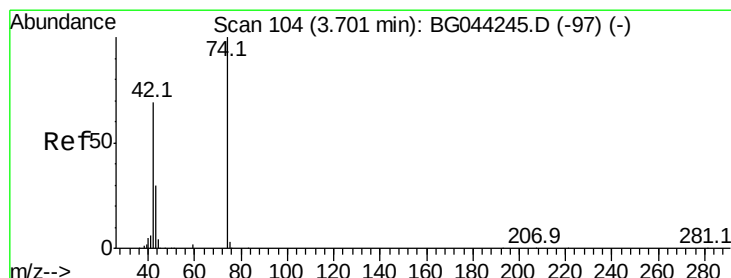
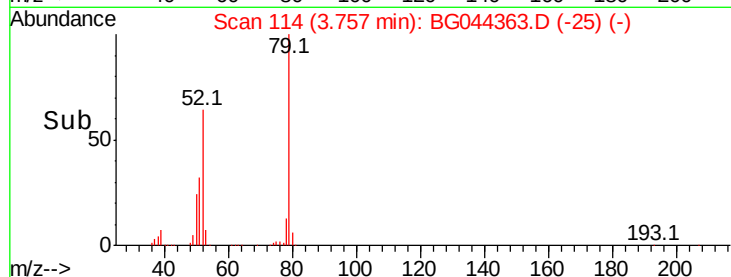
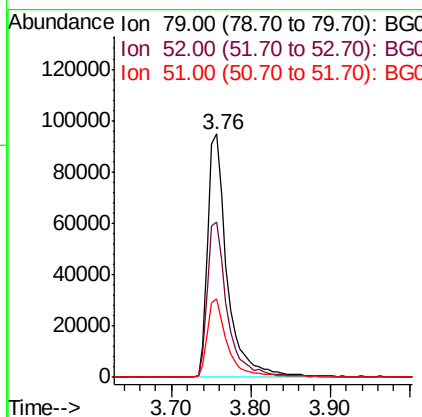
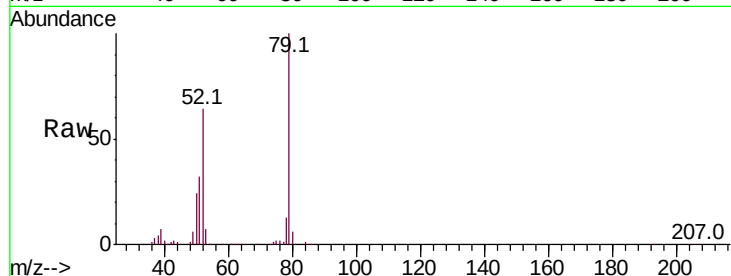
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	79	Resp:	162712
Ion Ratio	Lower	Upper	
79	100		
52	63.8	51.9	77.9
51	32.2	25.3	37.9

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#4

n-Nitrosodimethylamine

Concen: 49.461 ng

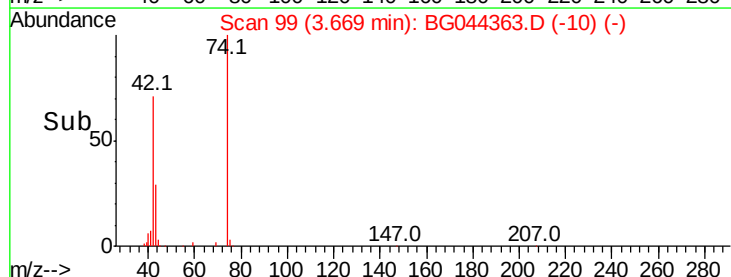
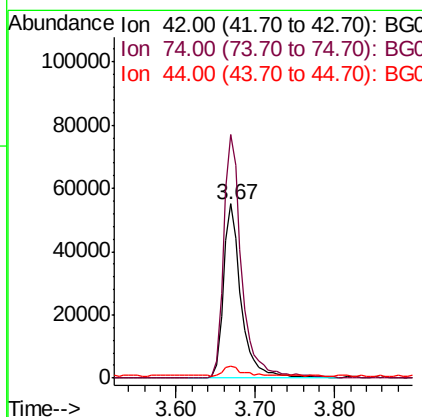
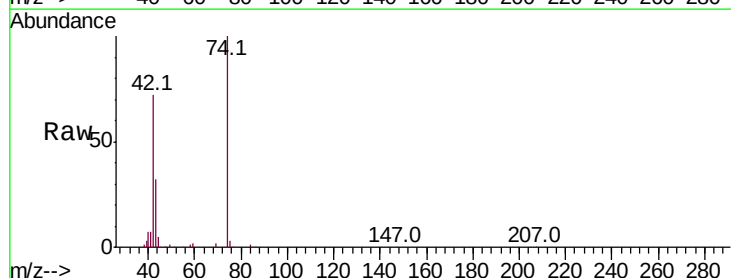
RT: 3.67 min Scan# 99

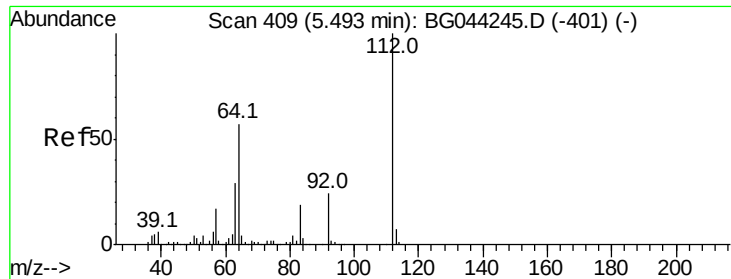
Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	42	Resp:	85141
Ion Ratio	Lower	Upper	
42	100		
74	139.7	115.1	172.7
44	7.0	5.6	8.4





#5

2-Fluorophenol

Concen: 125.206 ng

RT: 5.48 min Scan# 407

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

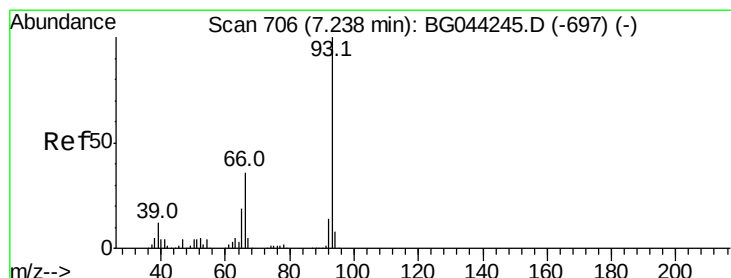
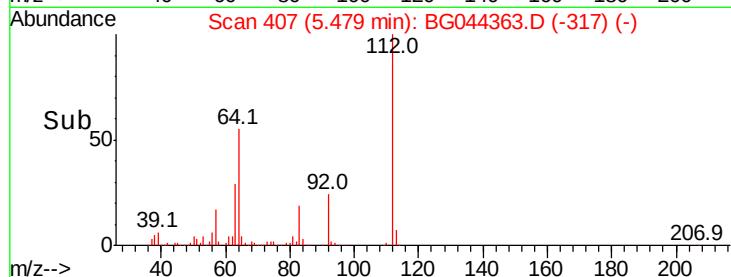
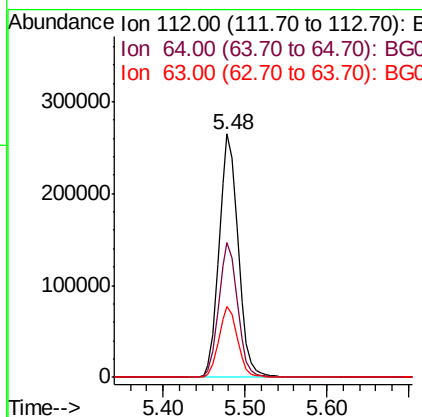
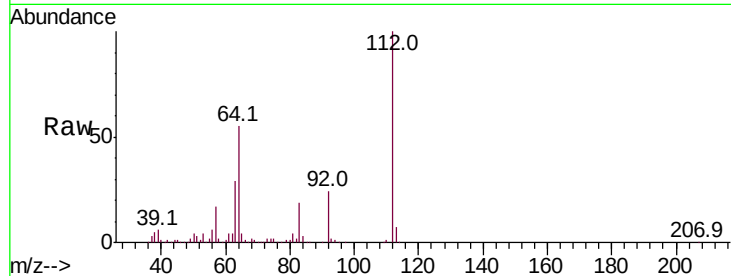
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	112	Resp:	430881
Ion Ratio	Lower	Upper	
112	100		
64	55.2	45.4	68.2
63	29.0	22.9	34.3

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#6

Aniline

Concen: 29.408 ng

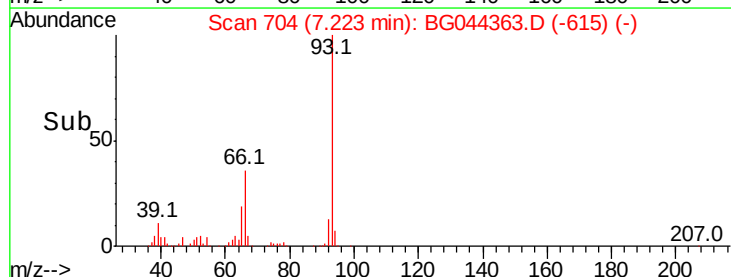
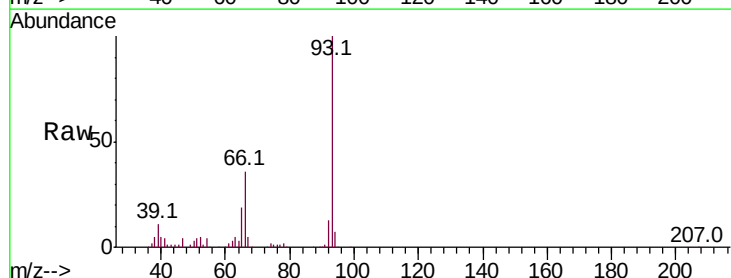
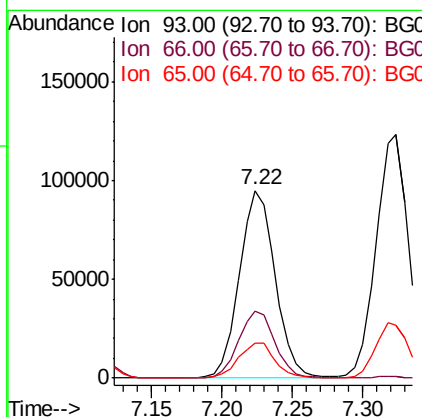
RT: 7.22 min Scan# 704

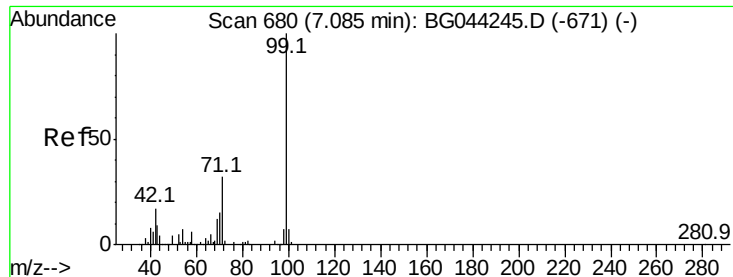
Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	93	Resp:	168692
Ion Ratio	Lower	Upper	
93	100		
66	35.8	28.7	43.1
65	18.6	15.4	23.0





#7

Phenol-d6

Concen: 126.415 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

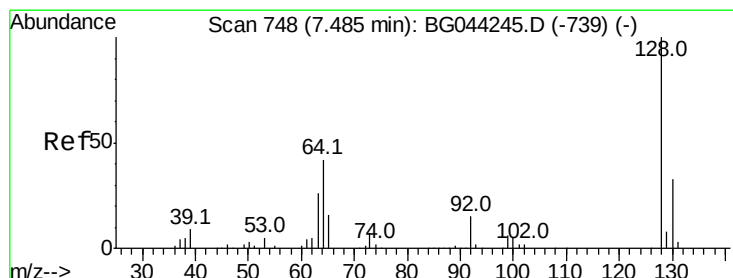
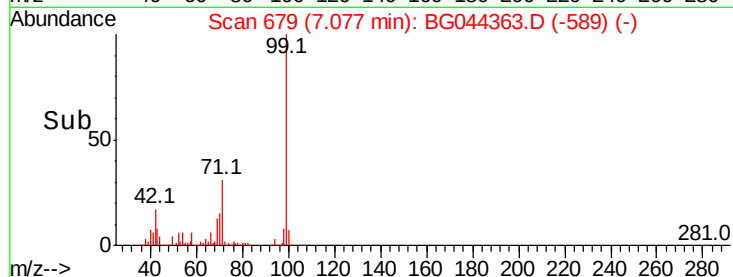
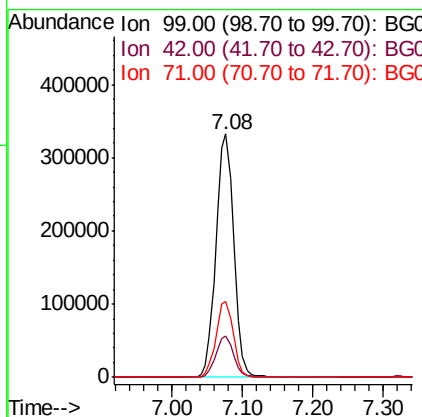
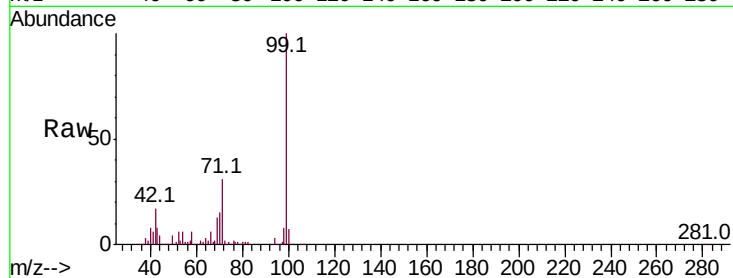
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	99	Resp:	584197
Ion Ratio	Lower	Upper	
99	100		
42	16.9	13.8	20.6
71	31.4	25.5	38.3

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#8

2-Chlorophenol

Concen: 59.215 ng

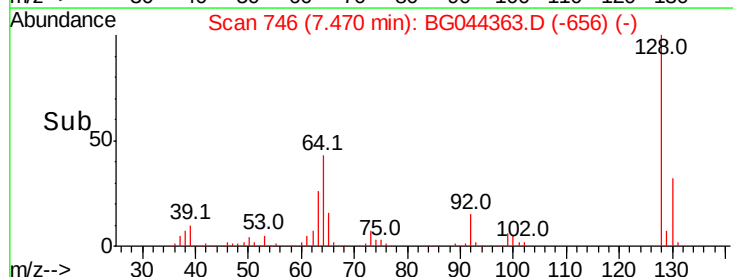
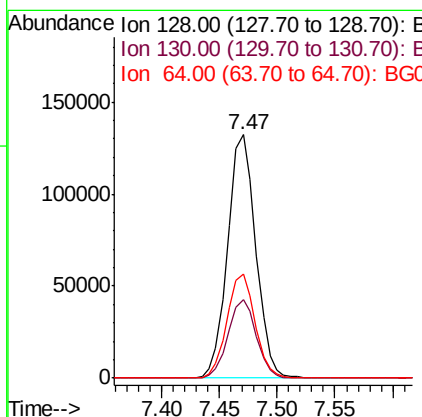
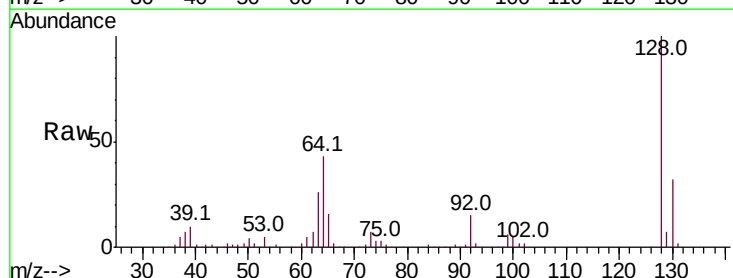
RT: 7.47 min Scan# 746

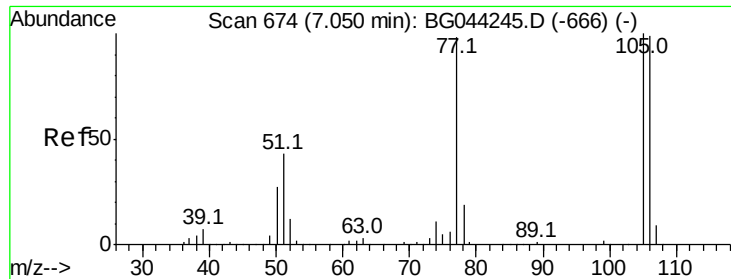
Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	128	Resp:	223960
Ion Ratio	Lower	Upper	
128	100		
130	32.5	12.5	52.5
64	42.9	24.2	64.2





#9

Benzaldehyde

Concen: 34.397 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleID :

PE-1-(BASE)MS

Tot Ion: 77 Resp: 90533

Ion Ratio Lower Upper

77 100

105 102.6 82.0 122.0

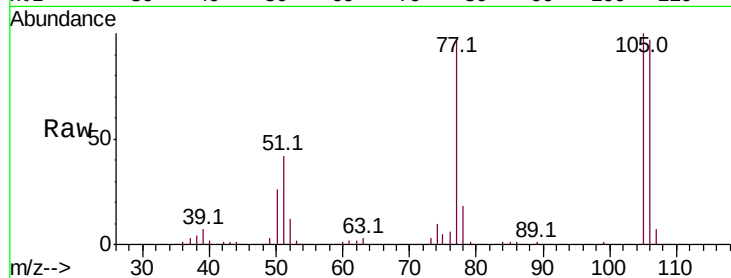
106 99.9 80.7 120.7

Manual Integrations

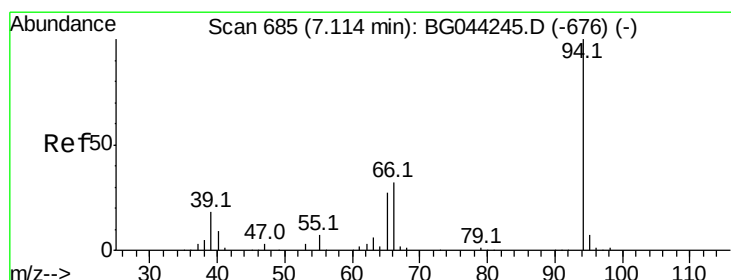
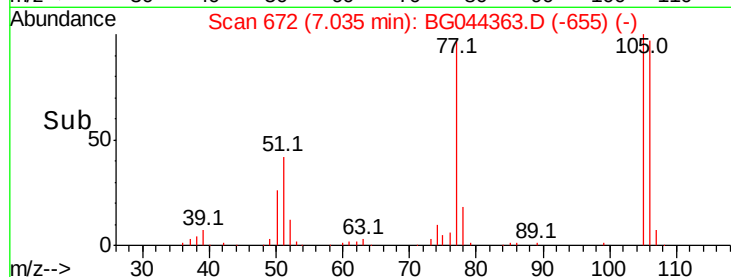
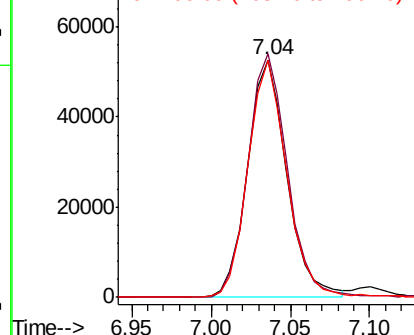
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 60.605 ng

RT: 7.10 min Scan# 683

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

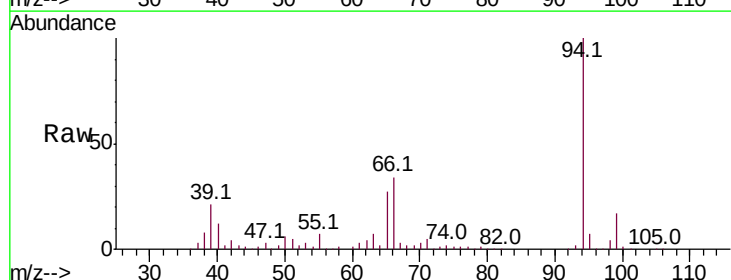
Tgt Ion: 94 Resp: 277180

Ion Ratio Lower Upper

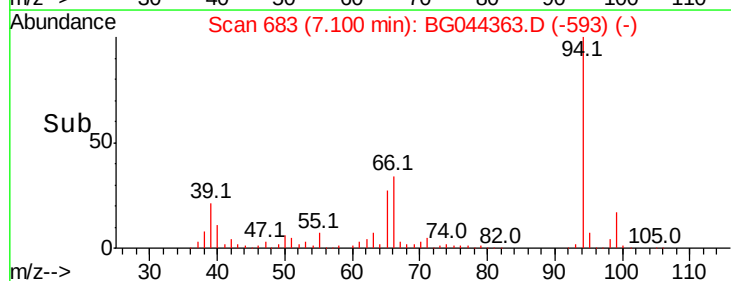
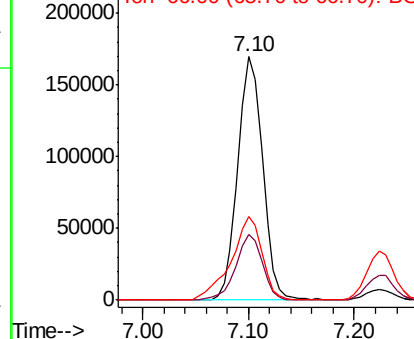
94 100

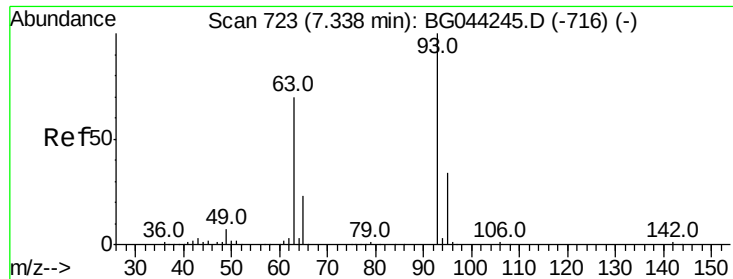
65 27.2 7.0 47.0

66 34.5 12.7 52.7



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





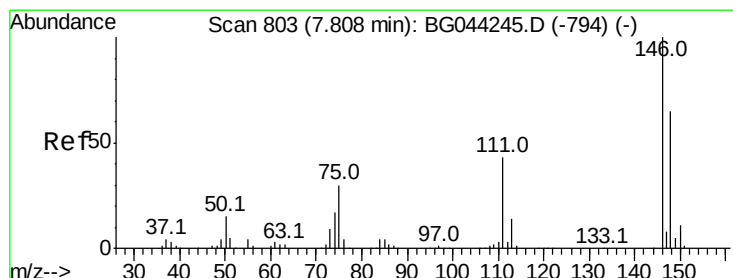
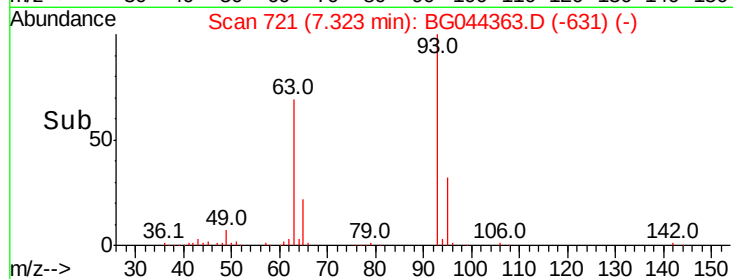
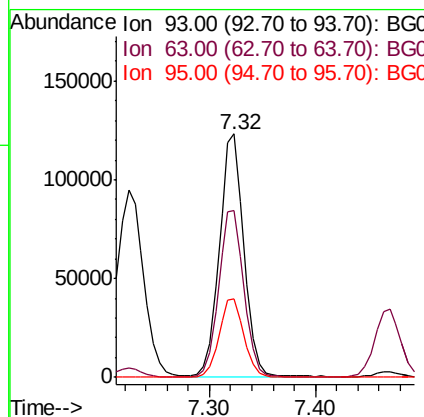
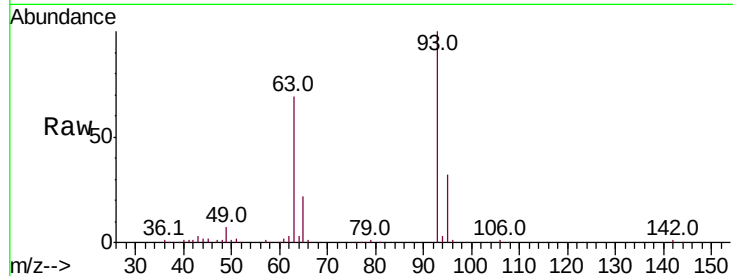
#11
bis(2-Chloroethyl)ether
Concen: 51.271 ng
RT: 7.32 min Scan# 721
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	93	Resp	200471
Ion	Ratio	Lower	Upper
93	100		
63	68.5	49.2	89.2
95	32.3	13.6	53.6

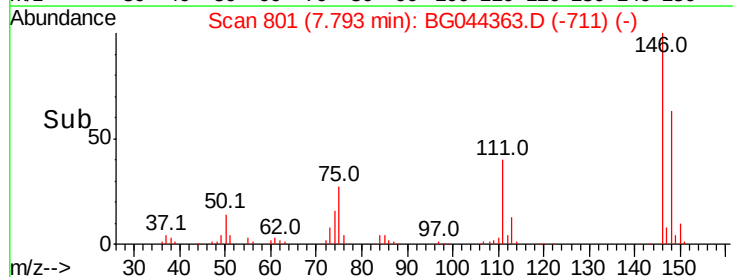
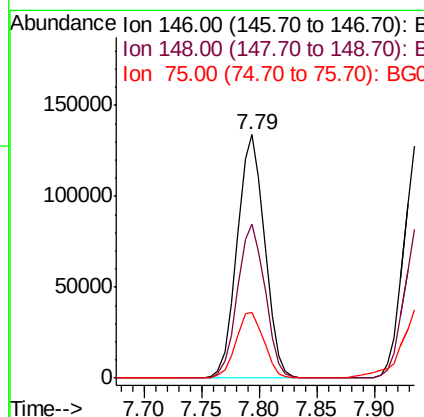
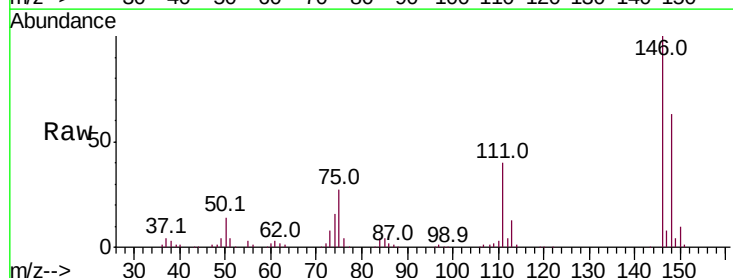
Manual Integrations
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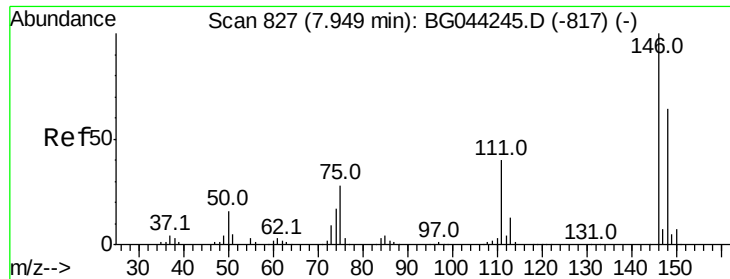
mohammad
2/12/2020 9:49:39 AM



#12
1,3-Dichlorobenzene
Concen: 48.950 ng
RT: 7.79 min Scan# 801
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	146	Resp	221050
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.8
75	27.1	23.7	35.5





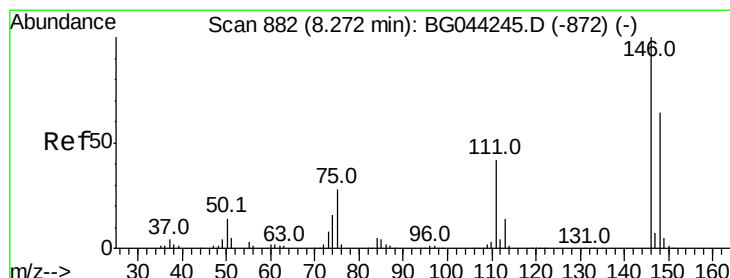
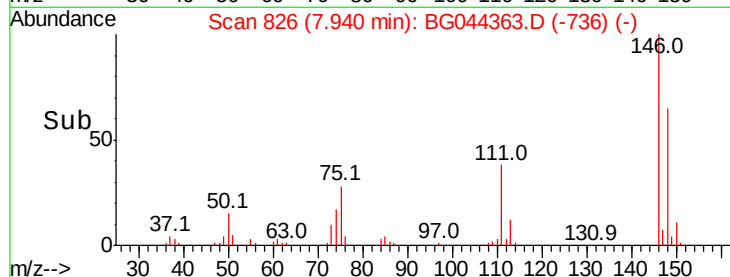
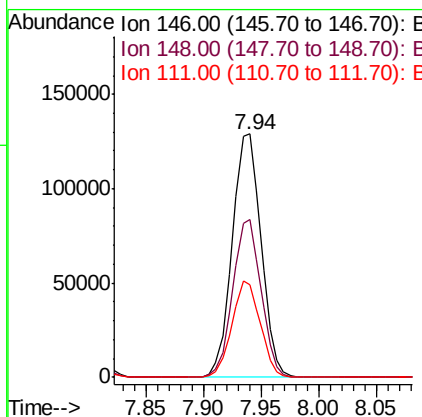
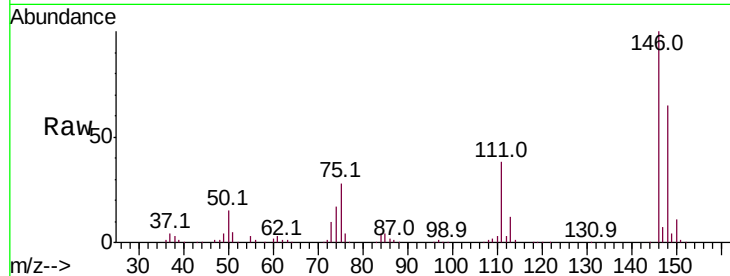
#13
1,4-Dichlorobenzene
Concen: 50.034 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.4	77.0
111	38.2	31.8	47.8

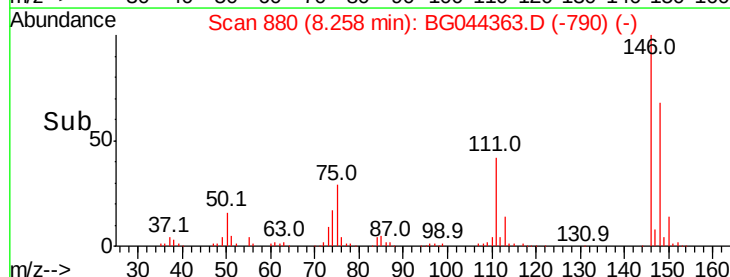
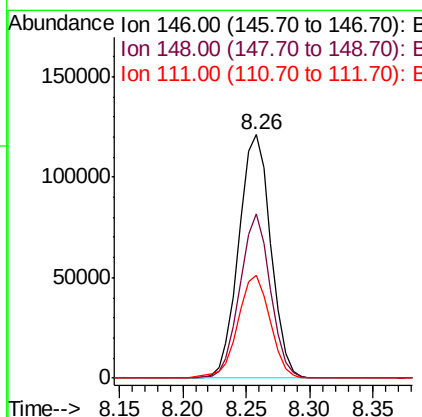
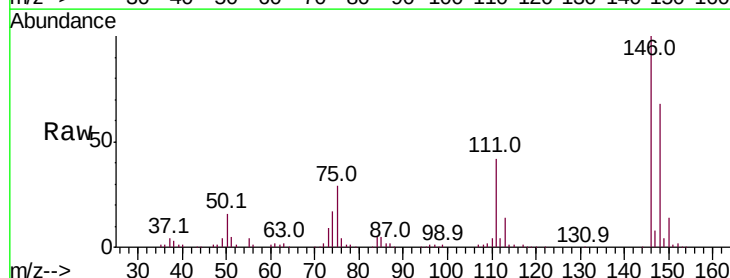
Manual Integrations
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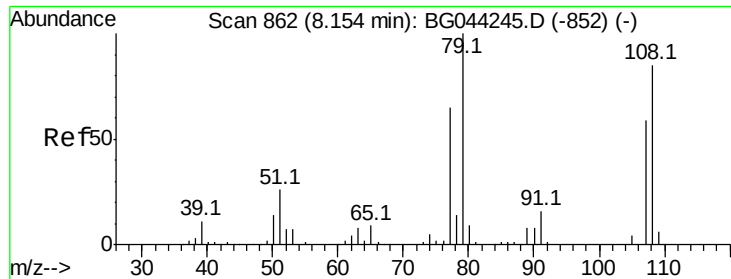
mohammad
2/12/2020 9:49:39 AM



#14
1,2-Dichlorobenzene
Concen: 50.171 ng
RT: 8.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.2	76.8
111	42.1	34.0	51.0





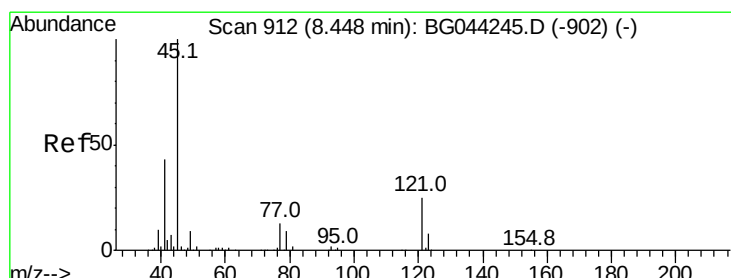
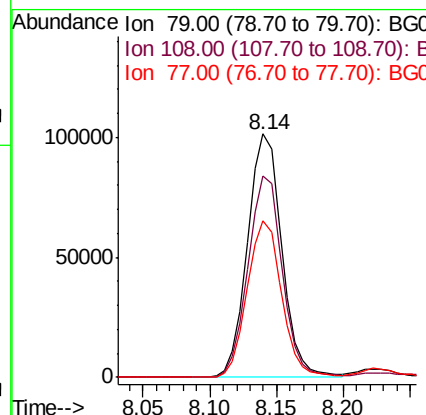
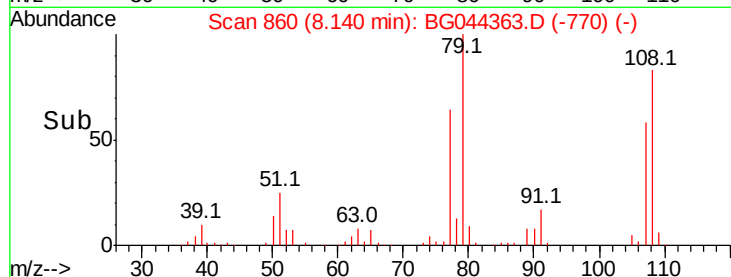
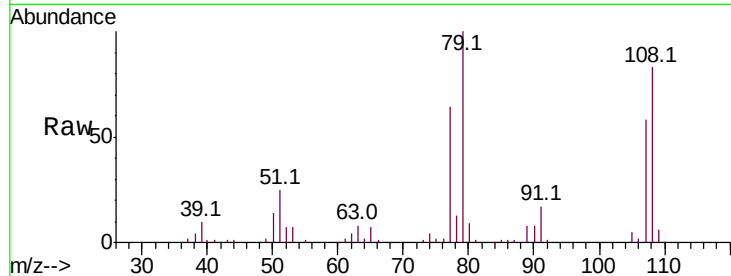
#15
Benzyl Alcohol
Concen: 55.003 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.6	68.3	102.5
77	64.3	51.8	77.8

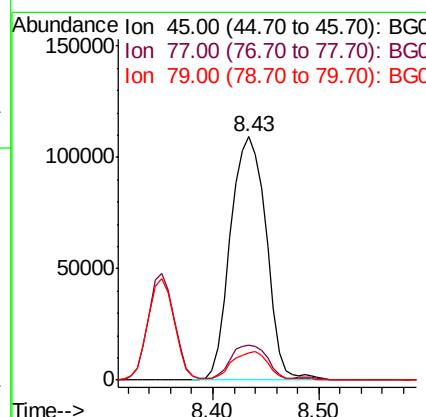
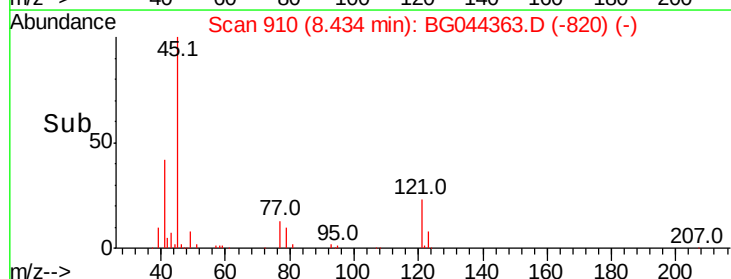
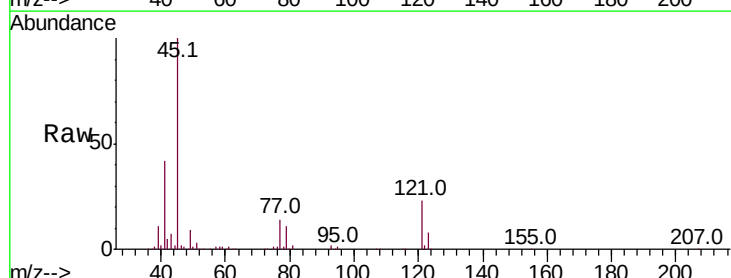
Manual Integrations
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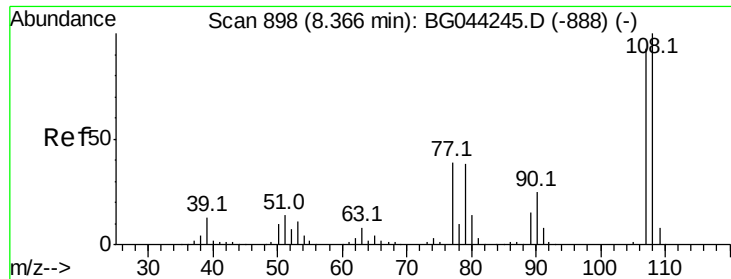
mohammad
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#16
2,2'-oxybis(1-chloropropane)
Concen: 48.547 ng
RT: 8.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.4	0.0	35.2
79	11.2	0.0	31.1





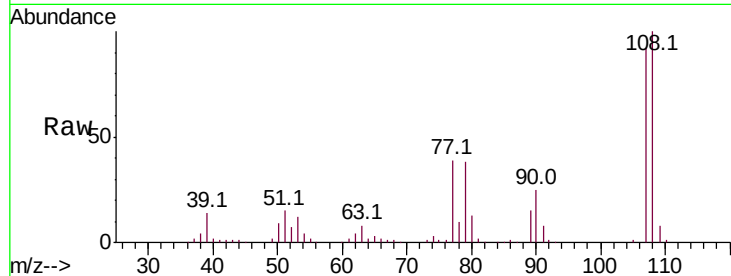
#17
2-Methylphenol
Concen: 58.838 ng
RT: 8.35 min Scan# 896
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

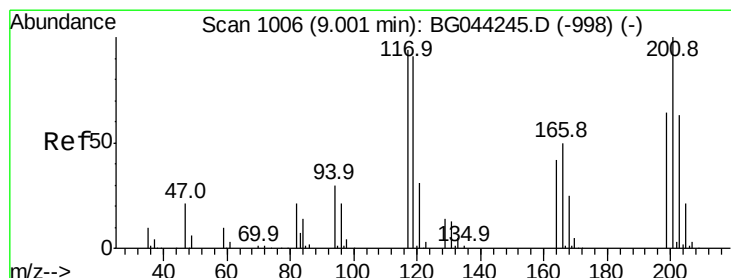
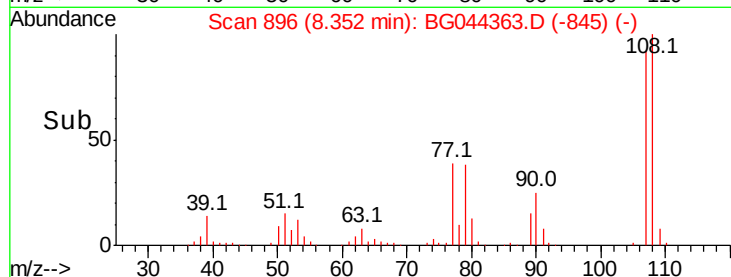
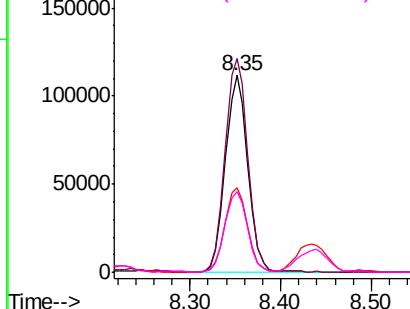
Tot Ion	Ratio	Resp	Lower	Upper
107	100	191994		
108	108.6	86.4	129.6	
77	42.8	34.0	51.0	
79	41.0	32.9	49.3	

Manual Integrations
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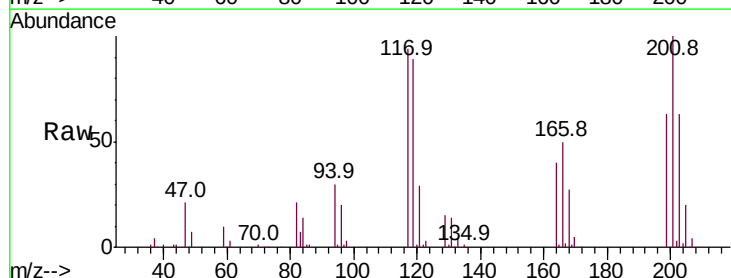


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

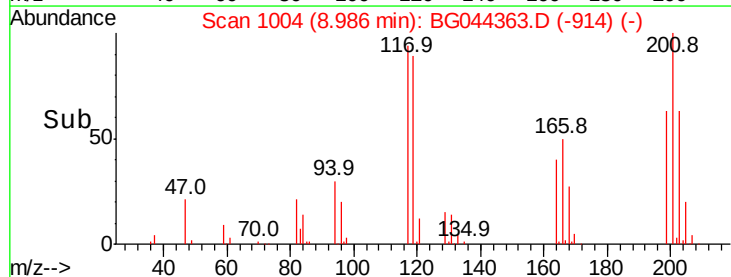
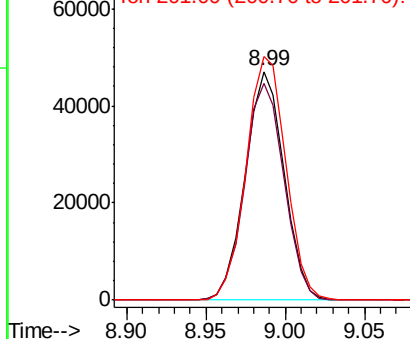


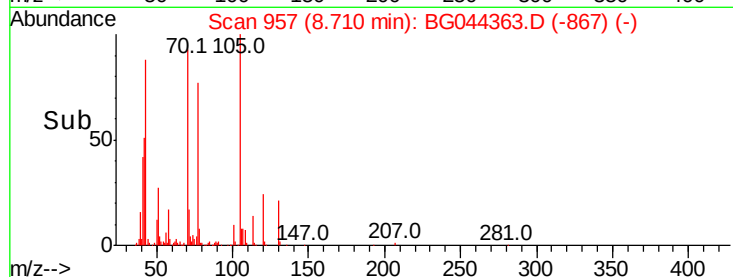
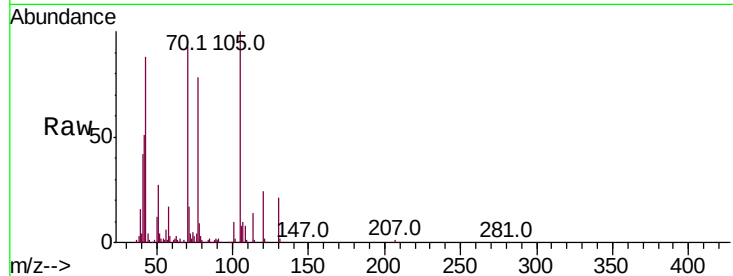
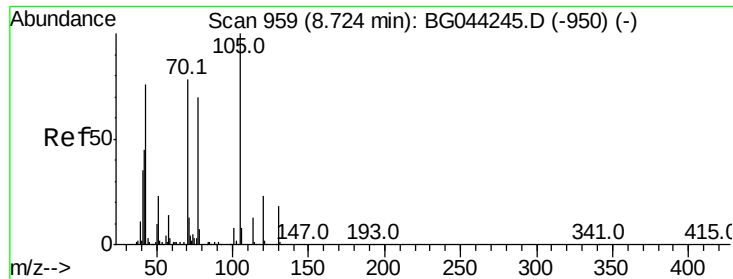
#18
Hexachloroethane
Concen: 47.757 ng
RT: 8.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	80154		
119	94.8	77.5	116.3	
201	106.4	84.9	127.3	



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





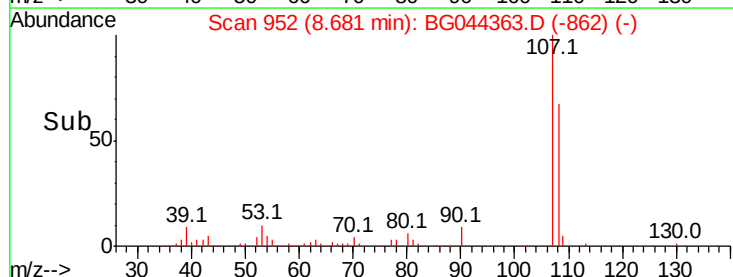
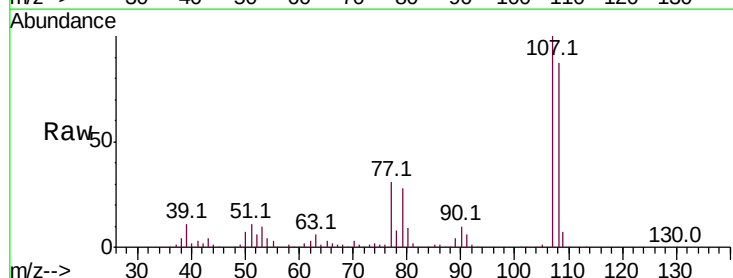
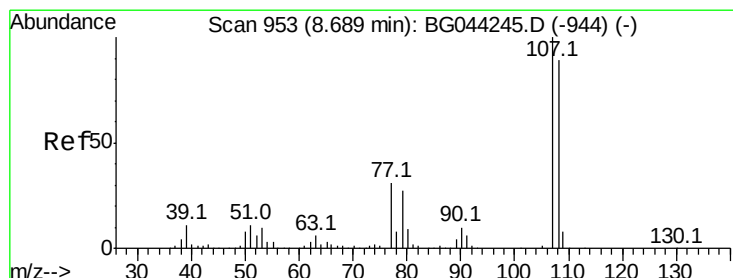
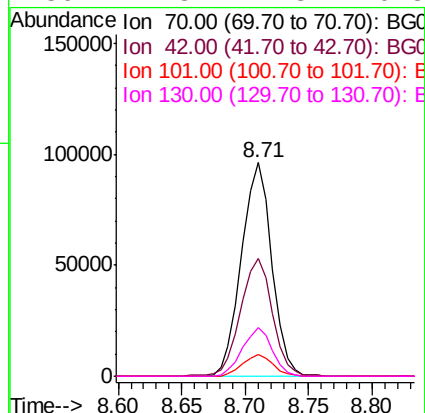
#19
n-Nitroso-di-n-propylamine
Concen: 51.969 ng
RT: 8.71 min Scan# 957
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.1	46.2	69.2	
101	10.3	8.4	12.6	
130	22.8	17.8	26.8	

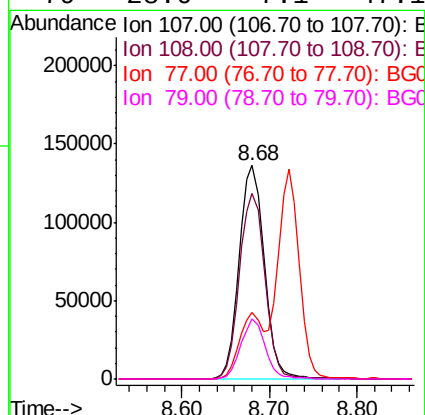
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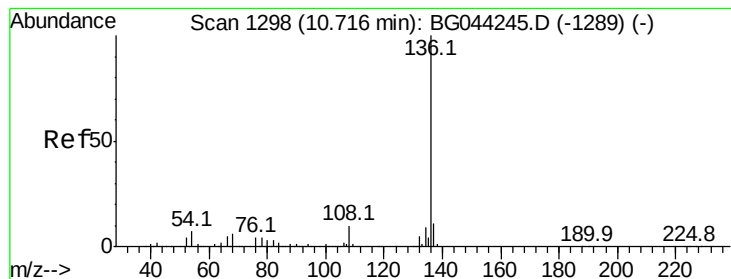
mohammad
2/12/2020 9:49:39 AM



#20
3+4-Methylphenols
Concen: 58.701 ng
RT: 8.68 min Scan# 952
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.2	68.5	108.5	
77	31.1	10.9	50.9	
79	28.0	7.1	47.1	





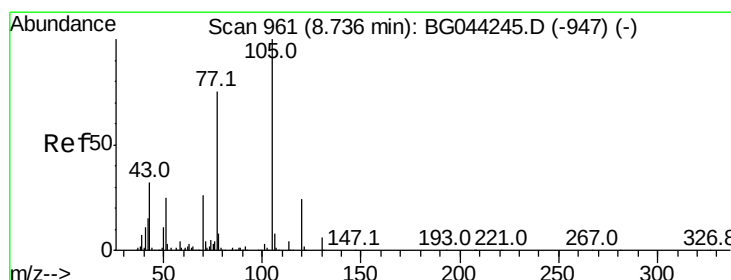
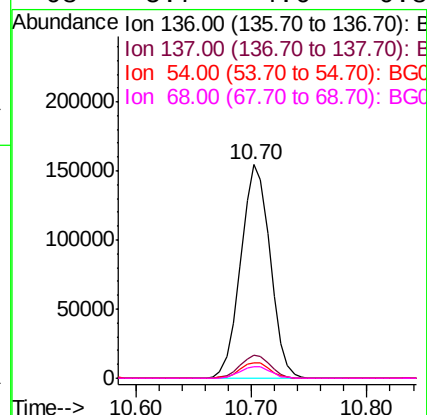
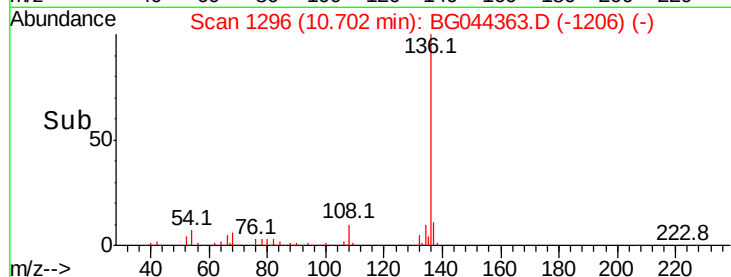
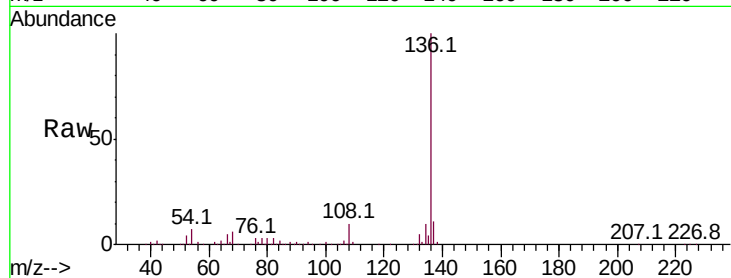
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.70 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	272720		
137	10.9		8.8	13.2
54	7.3		5.8	8.8
68	5.7		4.6	6.8

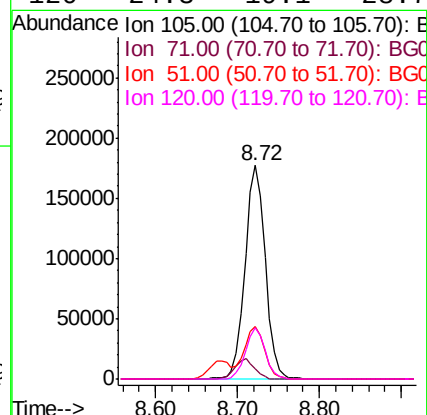
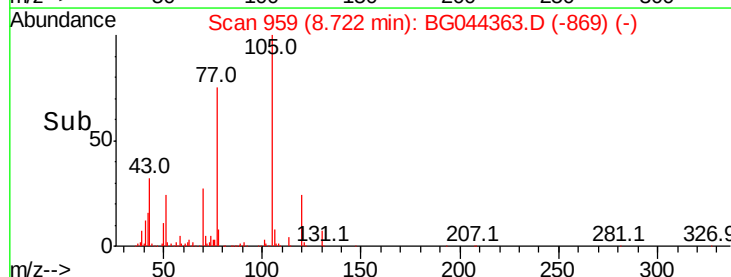
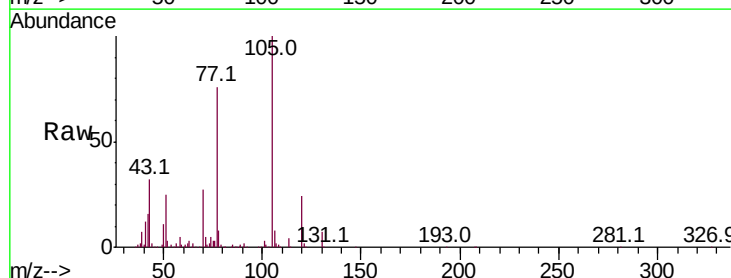
Manual Integrations
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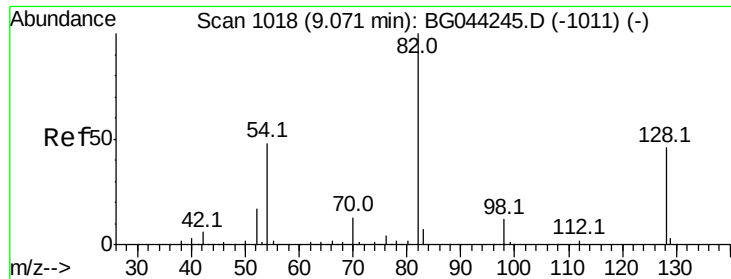
mohammad
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#22
Acetophenone
Concen: 46.058 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	305567		
71	4.6		3.4	5.0
51	24.7		20.2	30.4
120	24.3		19.1	28.7





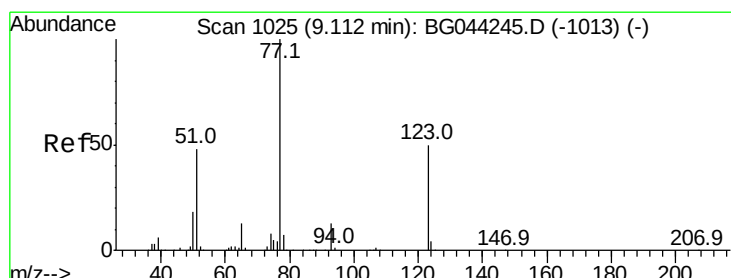
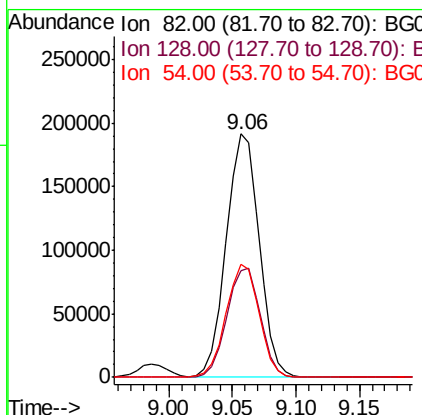
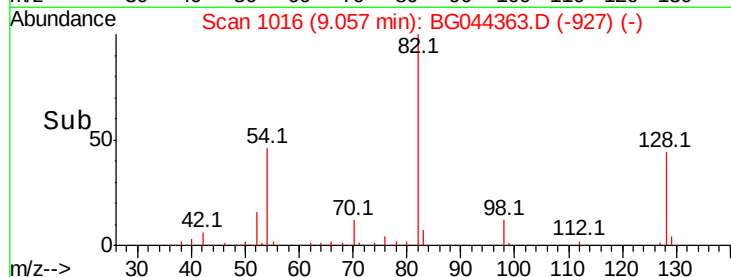
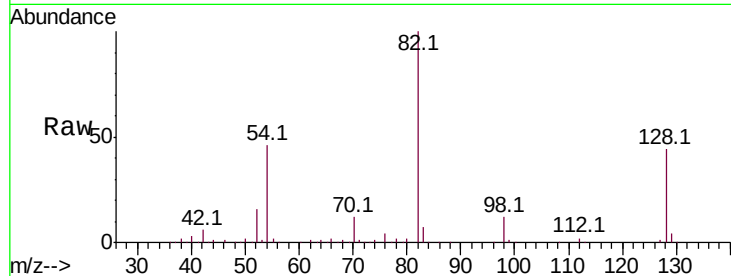
#23
 Nitrobenzene-d5
 Concen: 71.119 ng
 RT: 9.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.5	54.7
54	46.4	38.6	58.0

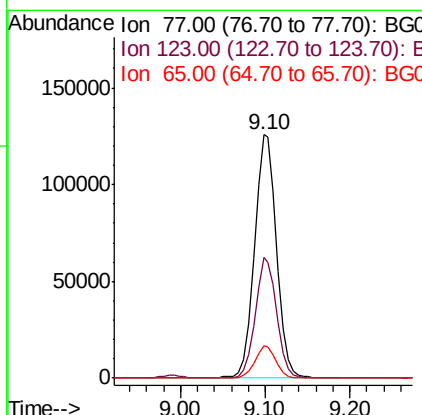
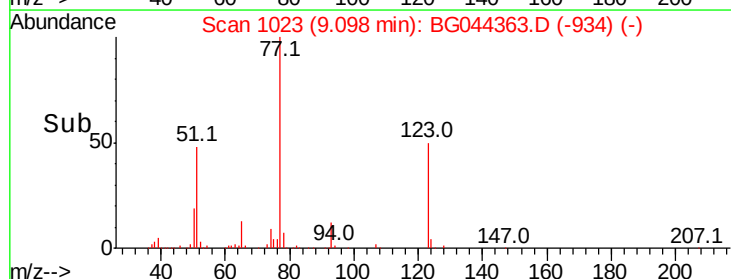
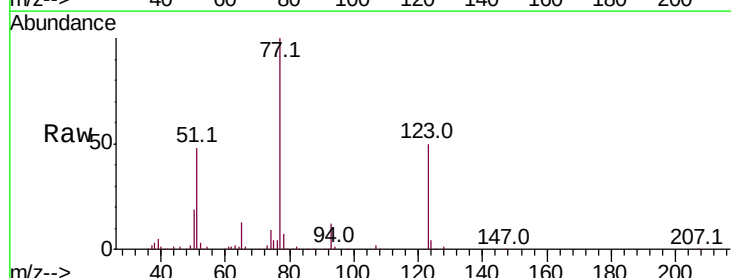
Manual Integrations
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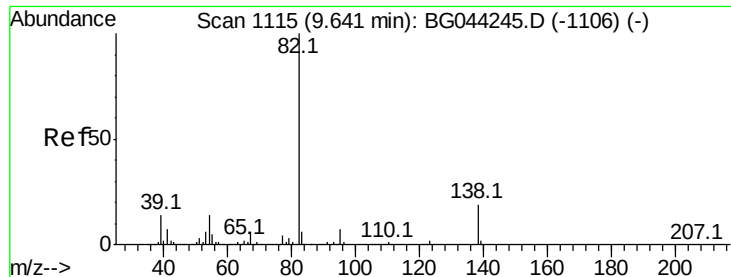
mohammad
 2/12/2020 9:49:39 AM



#24
 Nitrobenzene
 Concen: 48.634 ng
 RT: 9.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	39.9	59.9
65	13.5	10.4	15.6





#25

Isophorone

Concen: 50.690 ng

RT: 9.63 min Scan# 1113

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

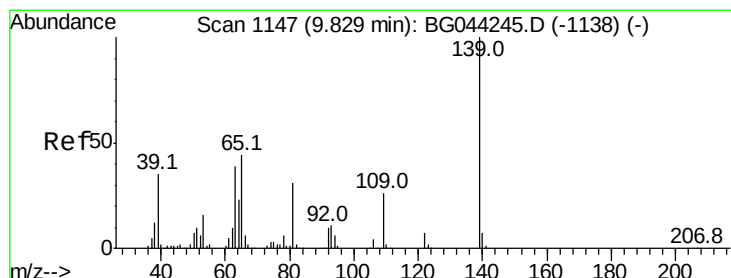
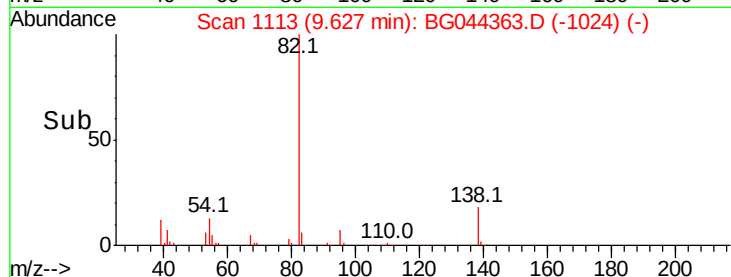
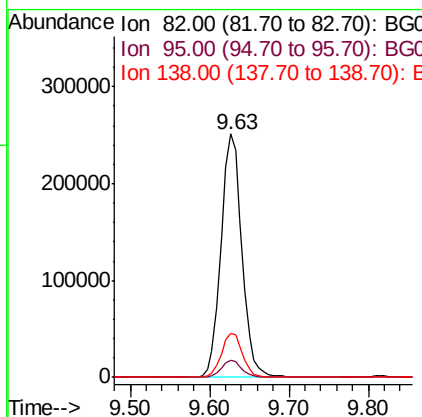
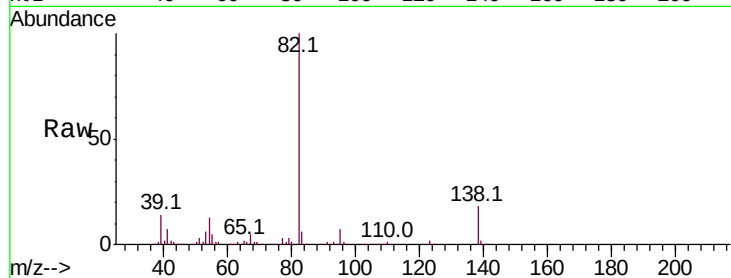
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	82	Resp:	456399
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.7	8.5
138	17.8	15.0	22.4

Manual Integrations
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mohammad
2/12/2020 9:49:39 AM



#26

2-Nitrophenol

Concen: 51.386 ng

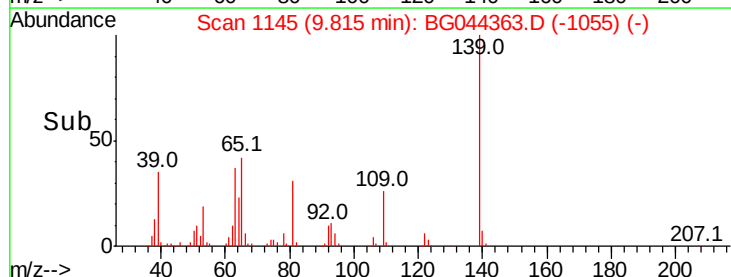
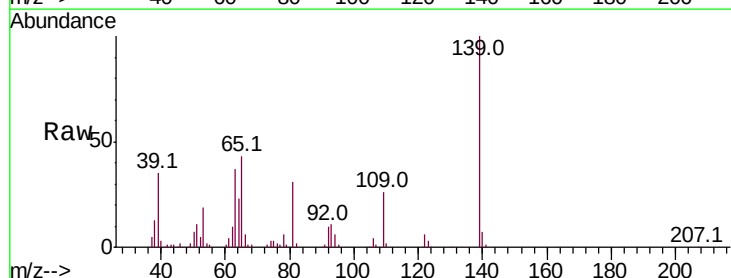
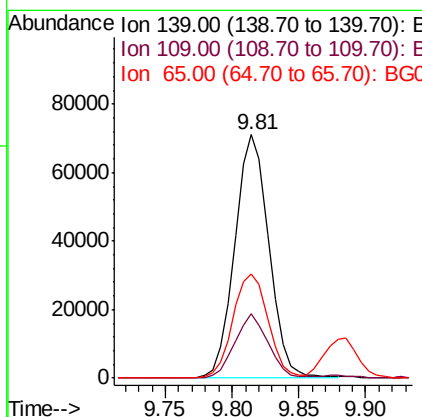
RT: 9.81 min Scan# 1145

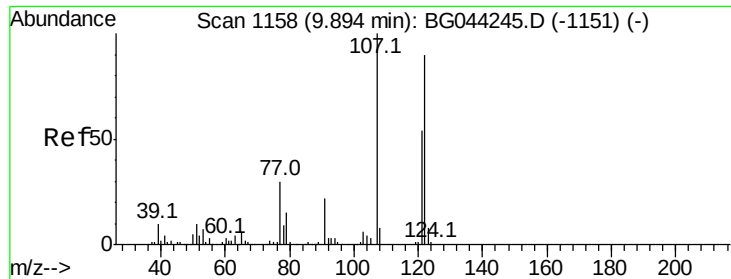
Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	139	Resp:	125743
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.0	31.4
65	42.6	35.0	52.4





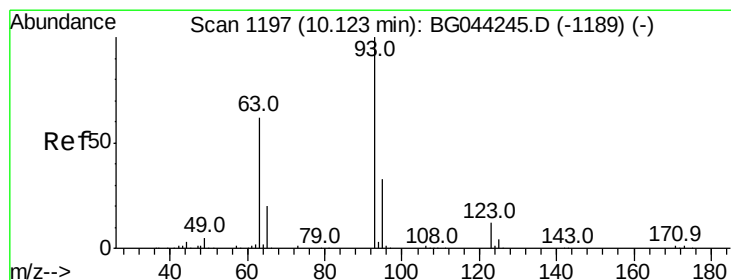
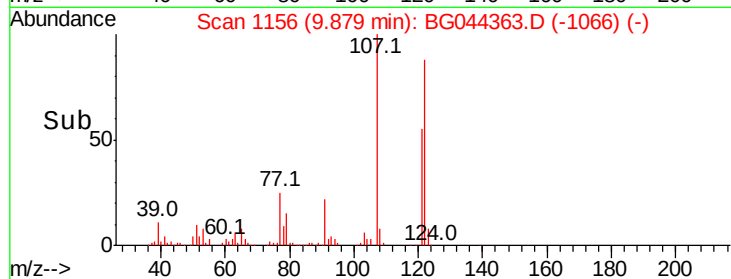
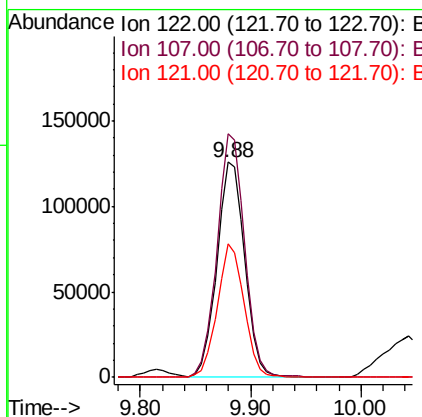
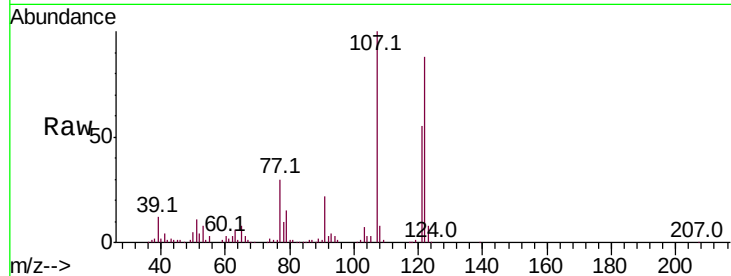
#27
2,4-Dimethylphenol
Concen: 63.376 ng
RT: 9.88 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	218915		
107	113.1	88.8	133.2	
121	61.9	48.3	72.5	

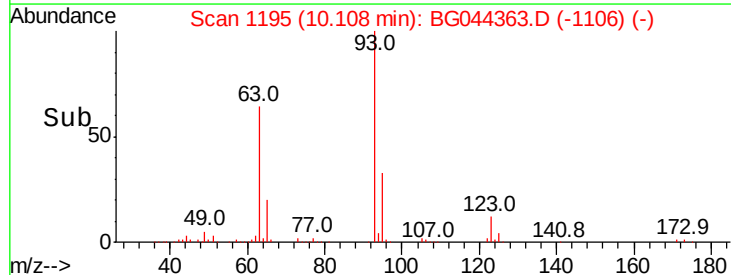
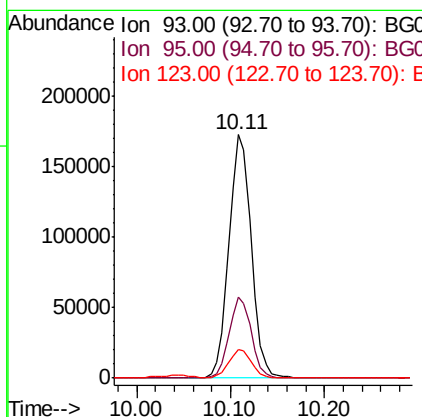
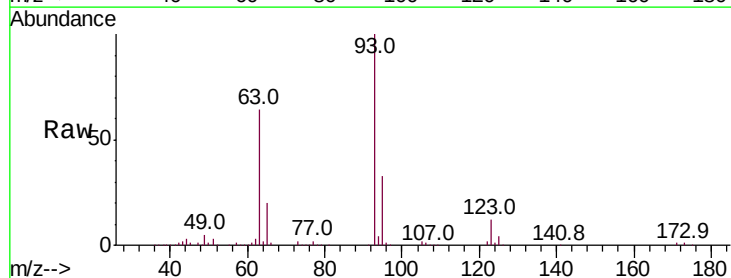
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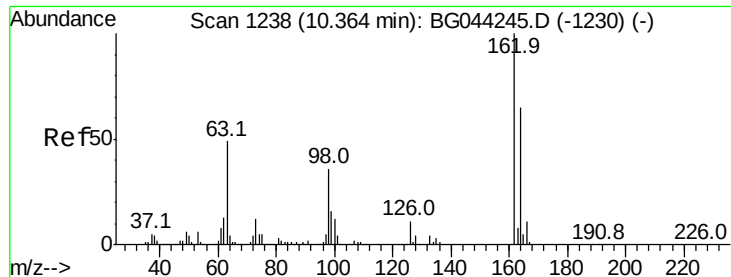
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 47.504 ng
RT: 10.11 min Scan# 1195
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	285325		
95	33.2	26.6	40.0	
123	11.9	10.0	15.0	





#29

2,4-Dichlorophenol

Concen: 54.595 ng

RT: 10.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

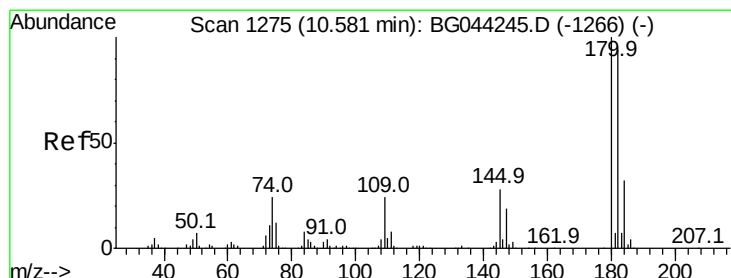
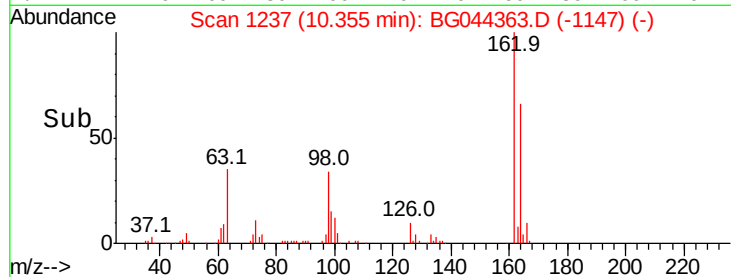
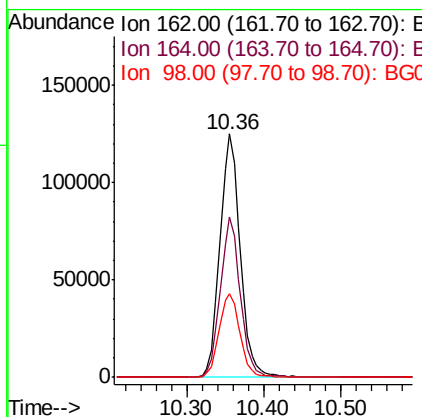
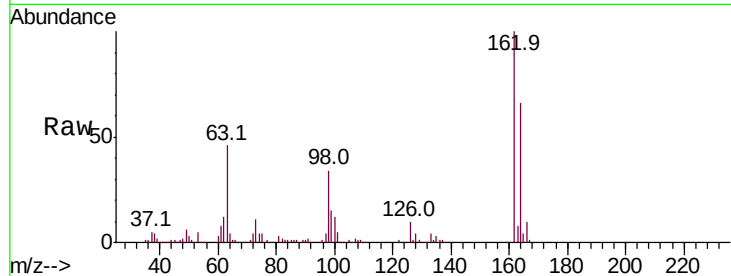
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	162	Resp:	228028
Ion Ratio	Lower	Upper	
162	100		
164	65.7	44.7	84.7
98	34.4	15.8	55.8

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#30

1,2,4-Trichlorobenzene

Concen: 46.610 ng

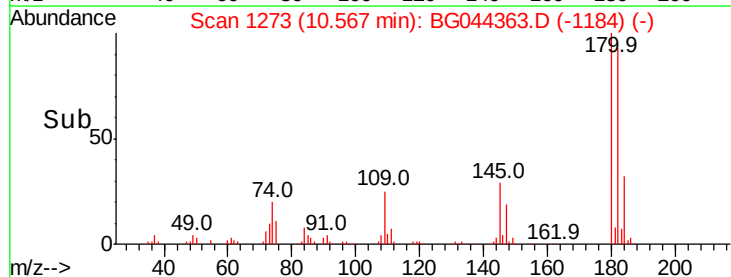
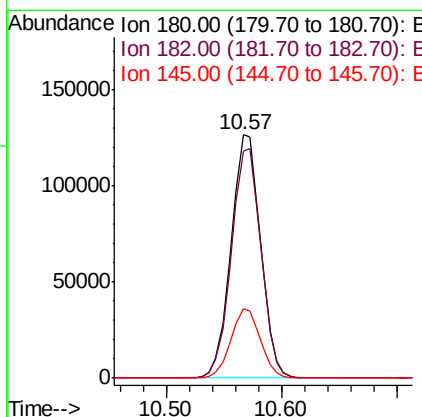
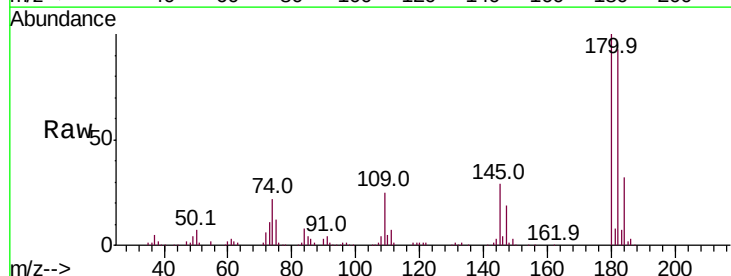
RT: 10.57 min Scan# 1273

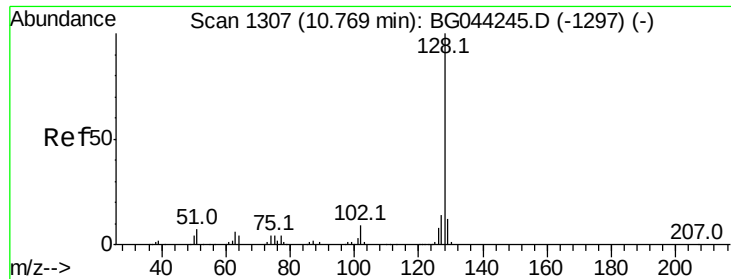
Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	180	Resp:	223227
Ion Ratio	Lower	Upper	
180	100		
182	93.0	75.5	113.3
145	28.6	22.6	34.0





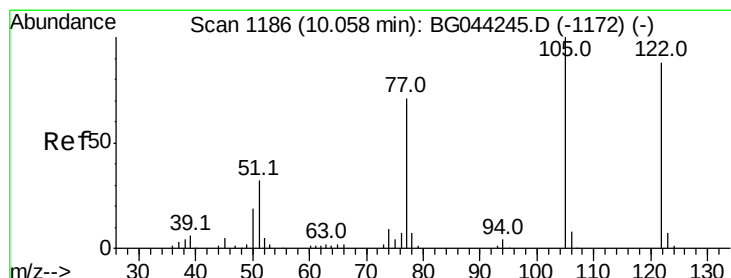
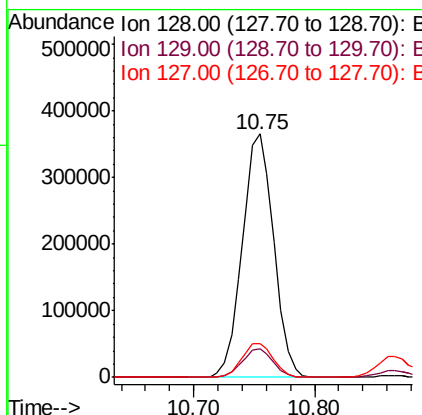
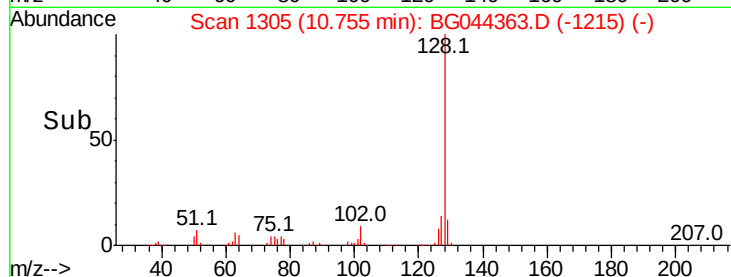
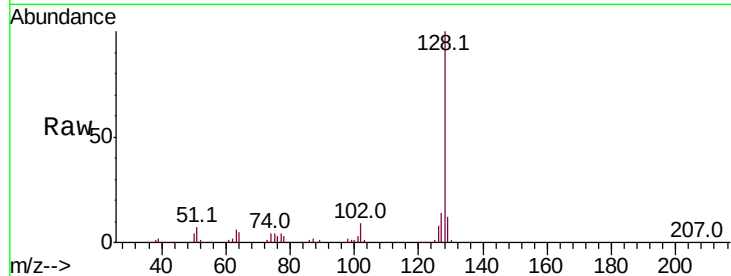
#31
Naphthalene
Concen: 49.902 ng
RT: 10.75 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.3	13.9
127	13.9	11.6	17.4

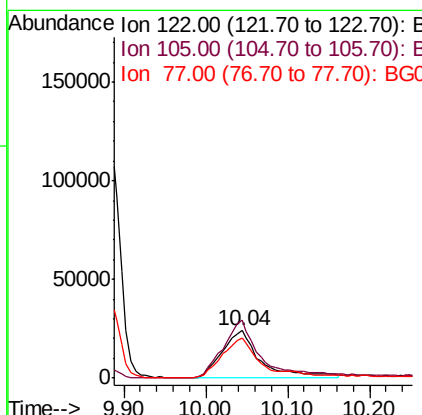
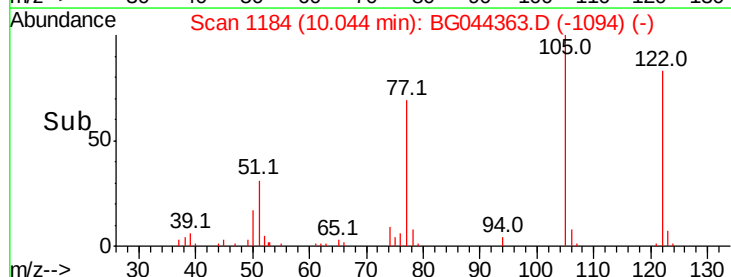
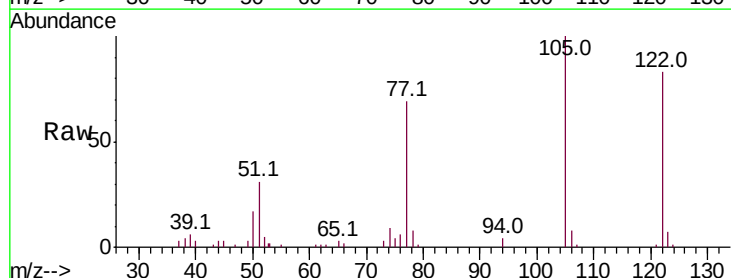
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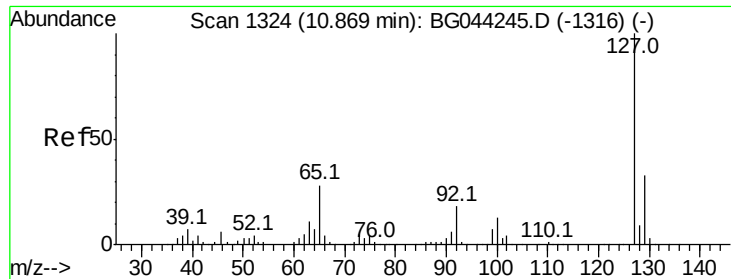
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#32
Benzoic acid
Concen: 37.872 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.9	93.5	133.5
77	83.8	61.0	101.0





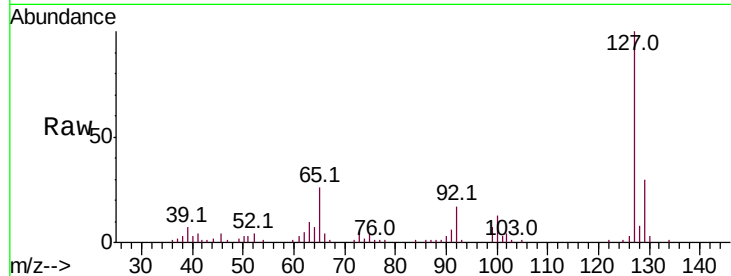
#33
4-Chloroaniline
Concen: 10.786 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64910		
129	30.3	26.6	40.0		
65	26.2	22.5	33.7		
92	17.3	14.1	21.1		

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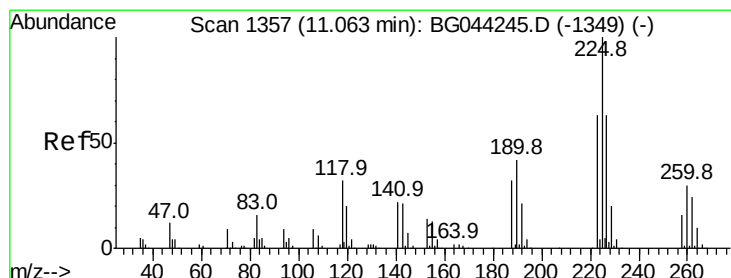
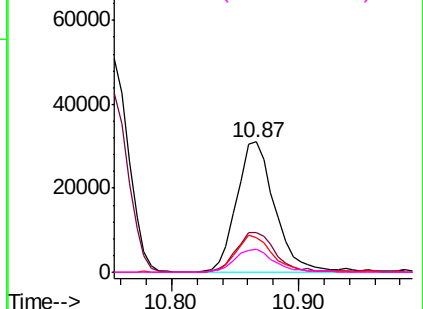
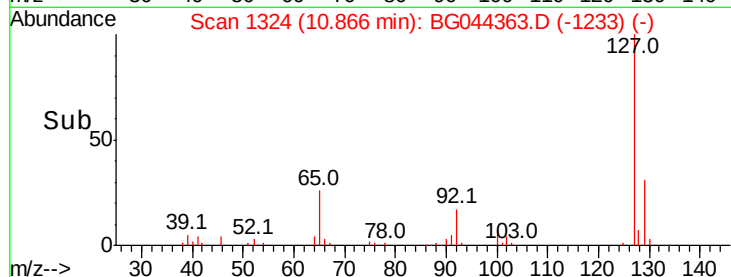
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

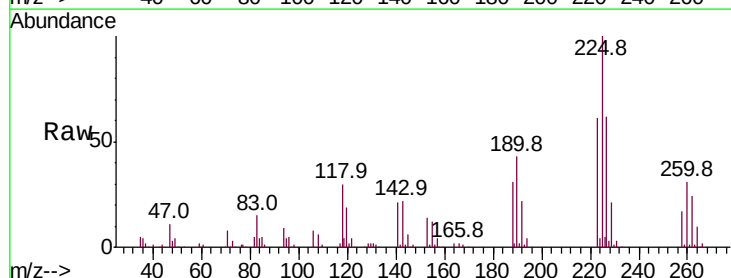
Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC



#34
Hexachlorobutadiene
Concen: 44.144 ng
RT: 11.05 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		130090		
223	60.9	50.2	75.4		
227	61.7	50.8	76.2		

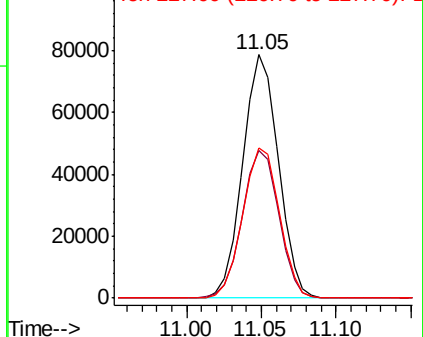
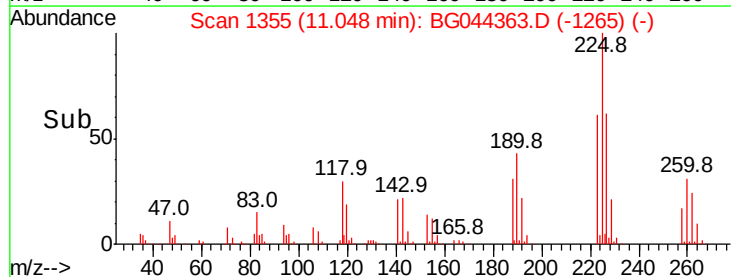


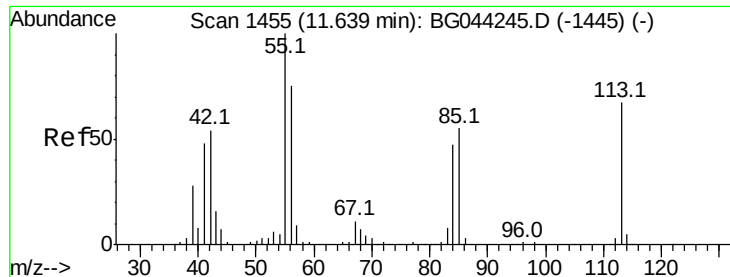
Abundance

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: 61.428 ng/mL

RT: 11.63 min Scan# 1454

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)MS

Tot Ion:113 Resp: 93986

Ion Ratio Lower Upper

113 100

55 155.5 129.9 169.9

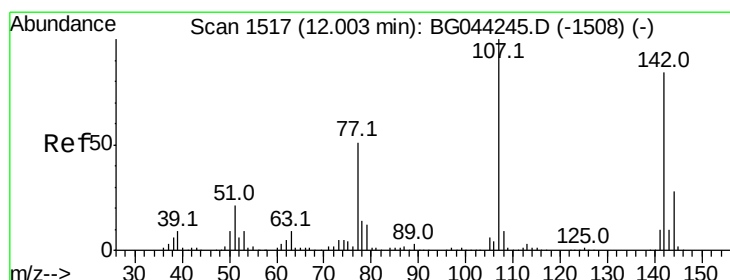
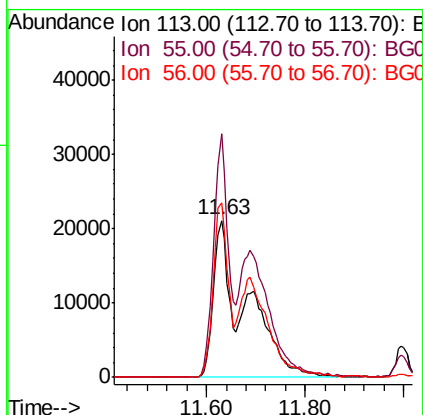
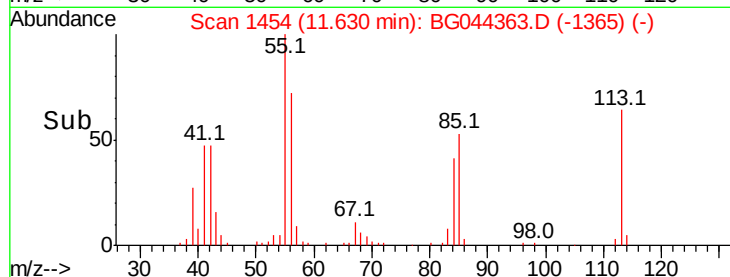
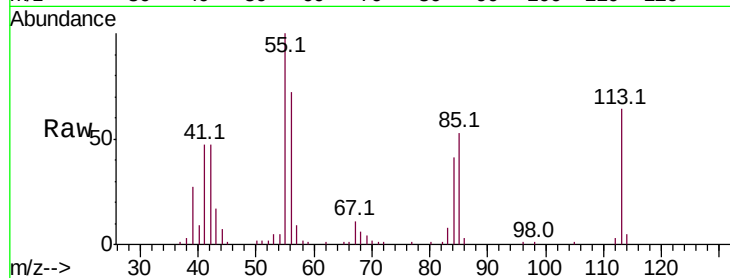
56 111.4 92.5 132.5

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#36

4-Chloro-3-methylphenol

Concen: 56.883 ng/mL

RT: 11.99 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

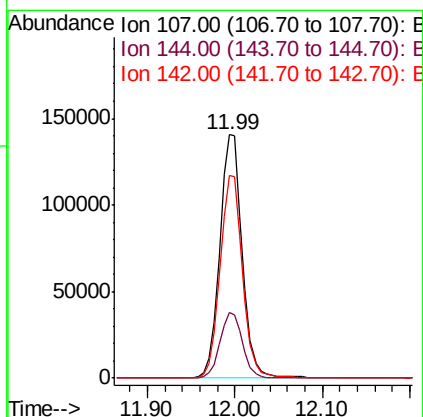
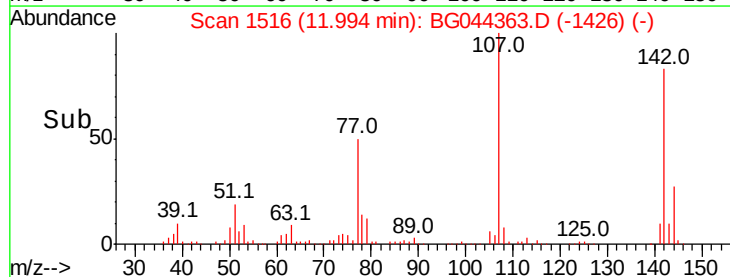
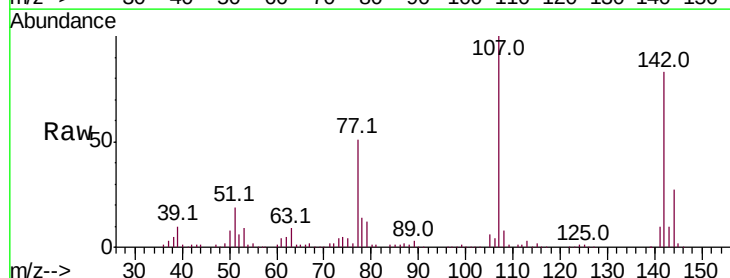
Tgt Ion:107 Resp: 249099

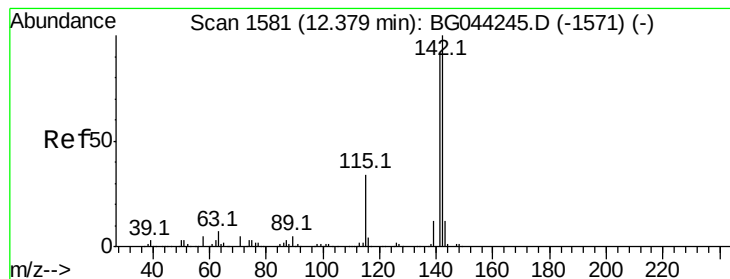
Ion Ratio Lower Upper

107 100

144 27.0 22.2 33.4

142 83.1 67.4 101.0





#37

2-Methylnaphthalene

Concen: 51.052 ng

RT: 12.36 min Scan# 1579

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

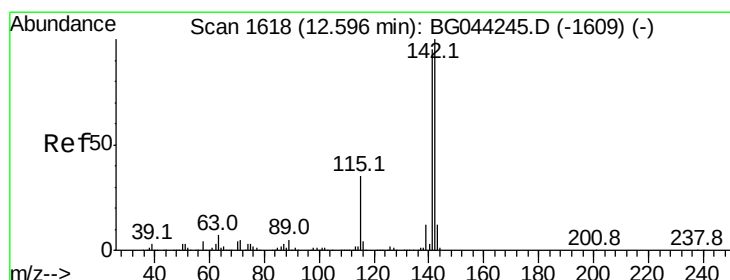
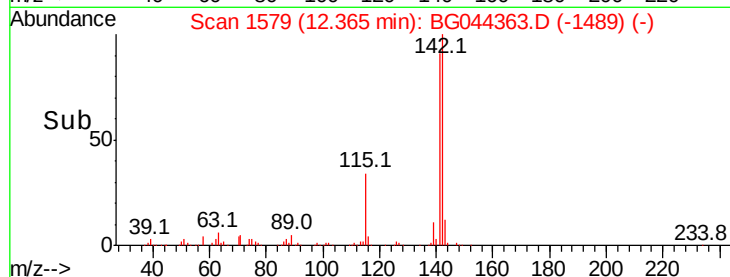
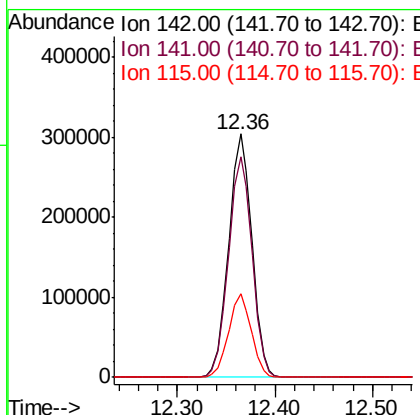
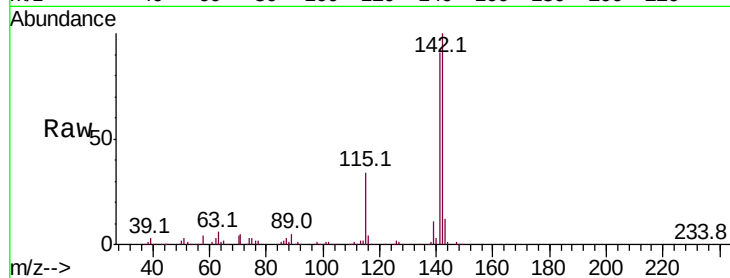
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	142	Resp:	501544
Ion Ratio	Lower	Upper	
142	100		
141	90.6	73.2	109.8
115	34.4	27.1	40.7

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#38

1-Methylnaphthalene

Concen: 51.540 ng

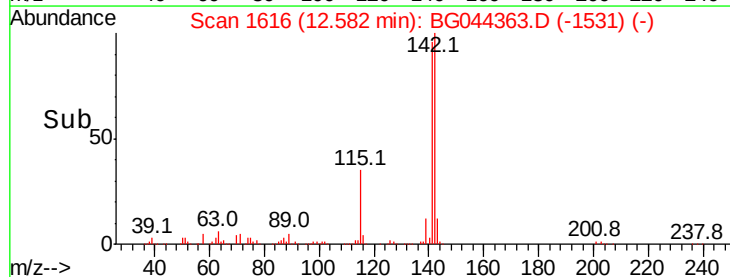
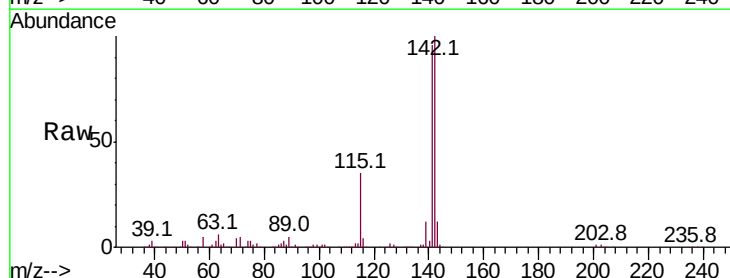
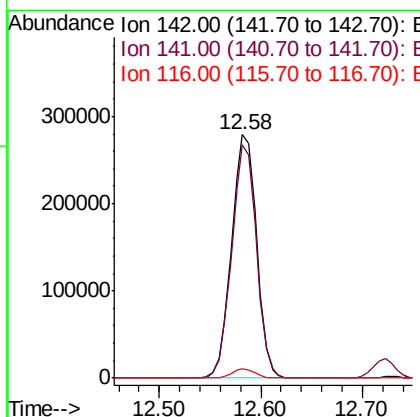
RT: 12.58 min Scan# 1616

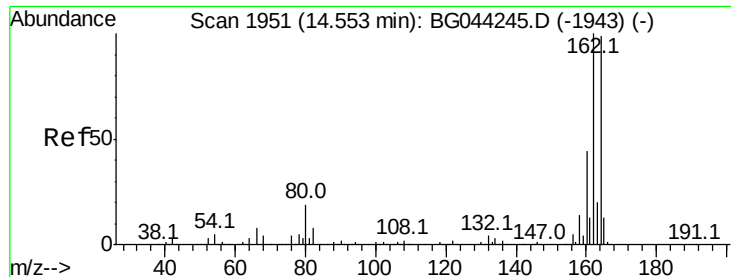
Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	142	Resp:	477363
Ion Ratio	Lower	Upper	
142	100		
141	96.1	75.8	113.6
116	3.9	3.1	4.7





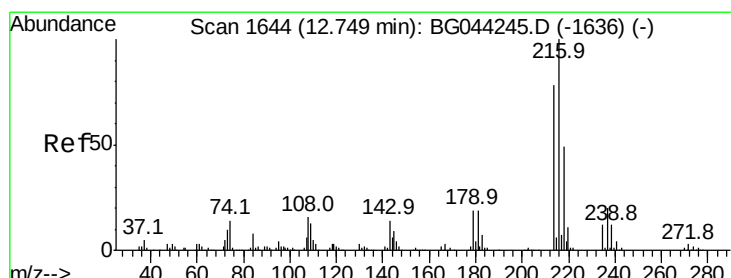
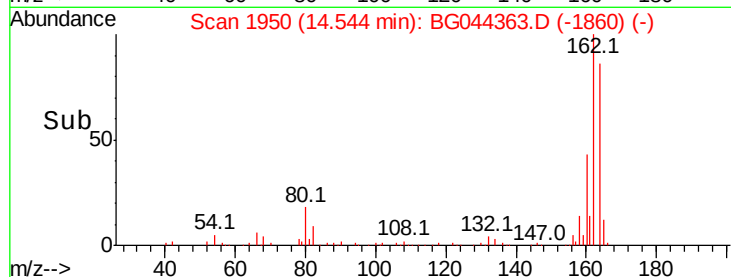
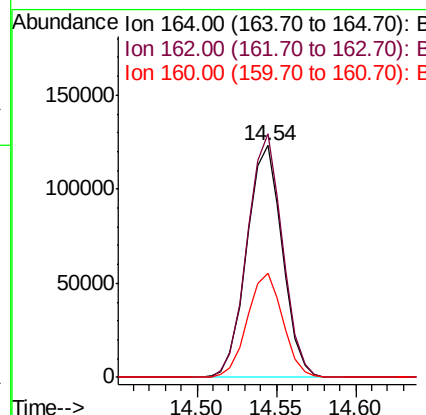
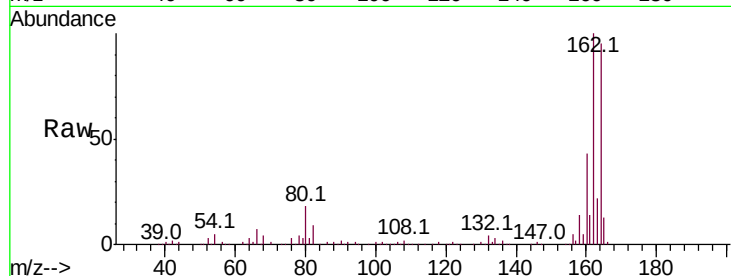
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.54 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.0	80.7	121.1
160	44.9	35.3	52.9

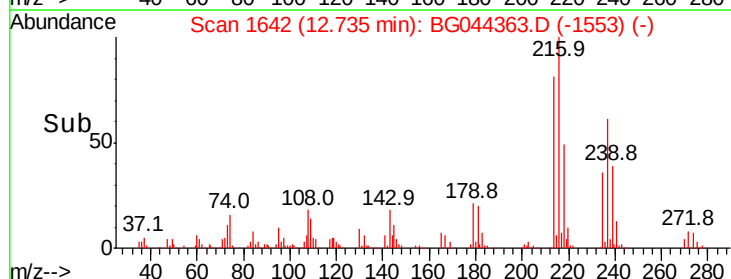
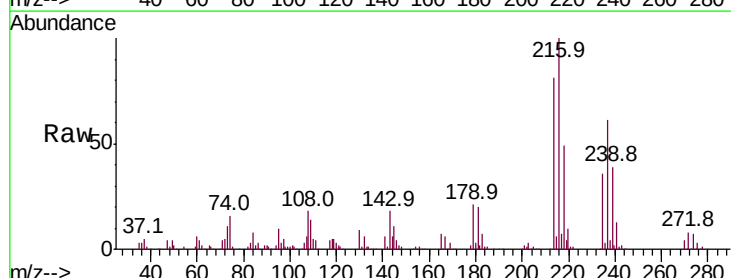
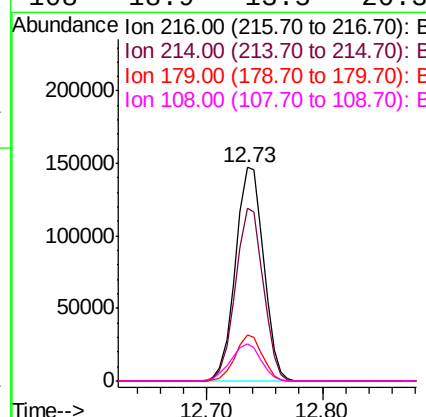
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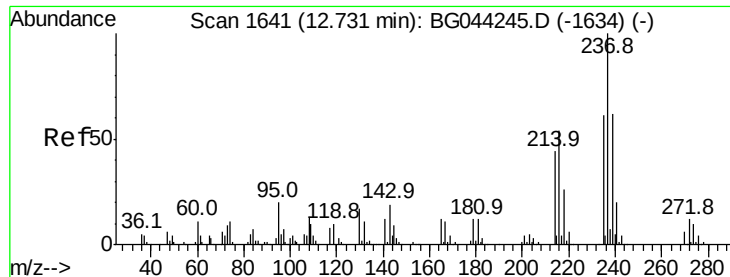
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.560 ng
RT: 12.73 min Scan# 1642
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.0	94.6
179	20.5	16.2	24.4
108	18.9	13.5	20.3





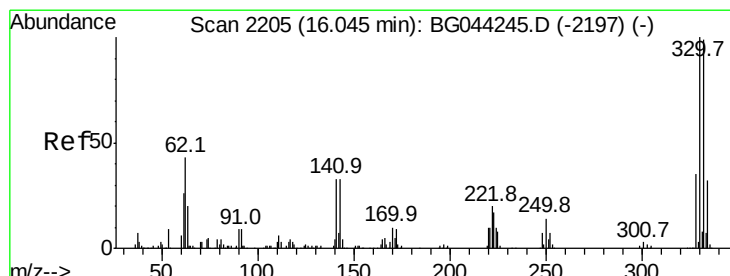
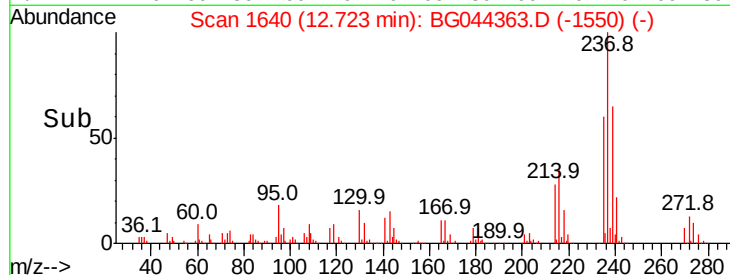
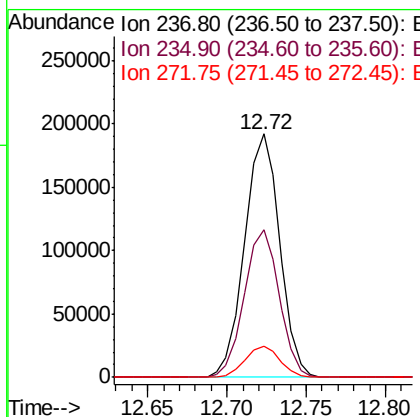
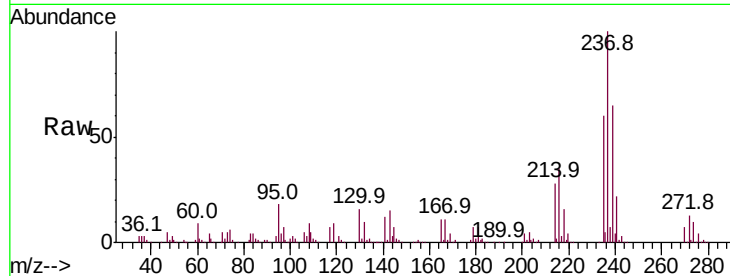
#41
Hexachlorocyclopentadiene
Concen: 107.650 ng
RT: 12.72 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion:	237	Resp:	295544
Ion Ratio	Lower	Upper	
237	100		
235	60.4	41.2	81.2
272	12.8	0.0	32.4

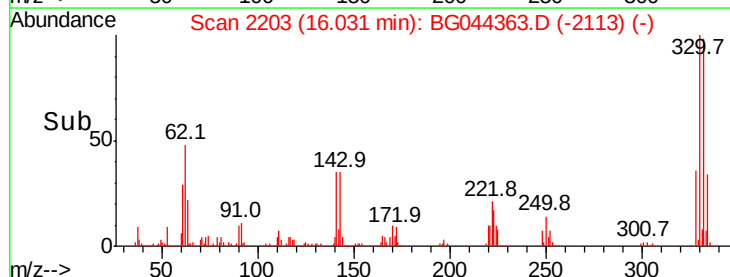
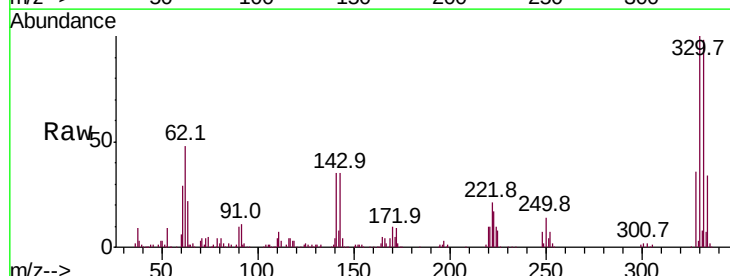
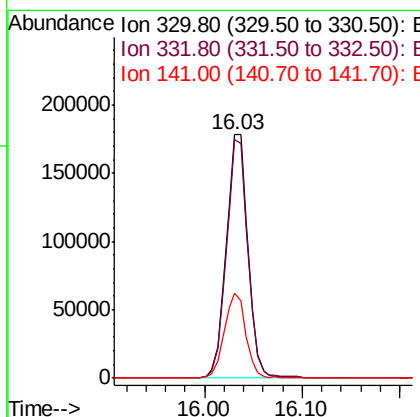
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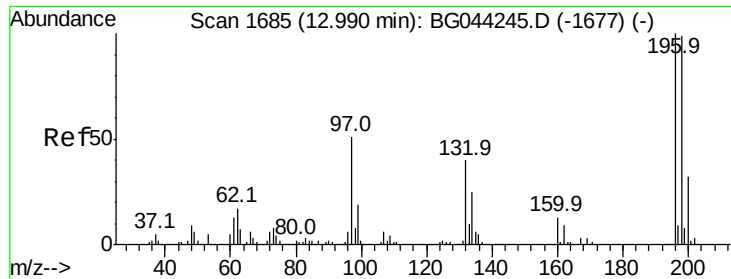
mohammad
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#42
2,4,6-Tribromophenol
Concen: 122.321 ng
RT: 16.03 min Scan# 2203
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:	330	Resp:	274667
Ion Ratio	Lower	Upper	
330	100		
332	97.0	77.2	115.8
141	34.6	28.3	42.5





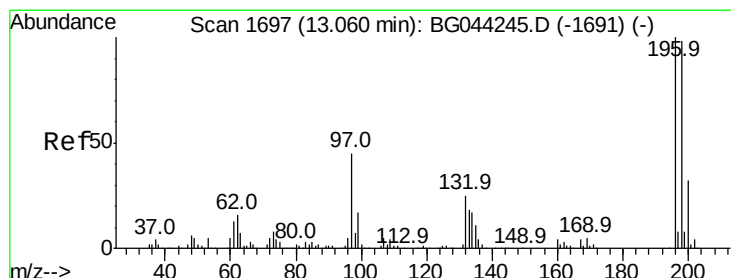
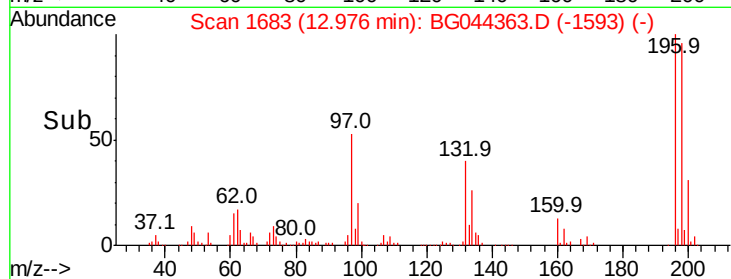
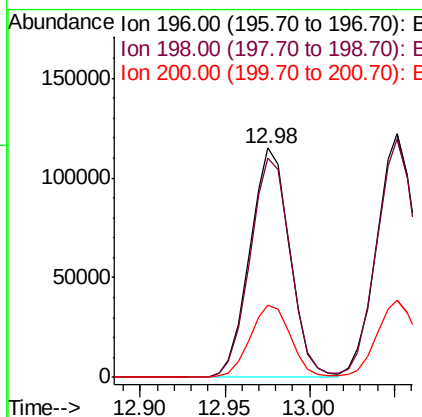
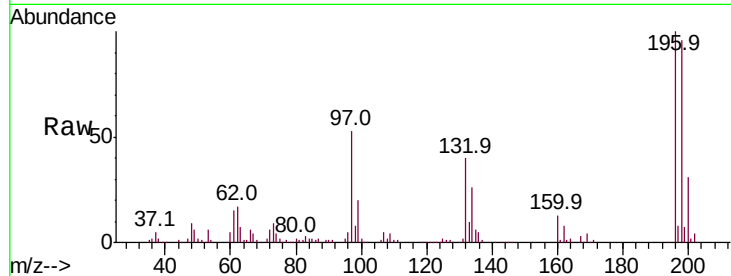
#43
 2,4,6-Trichlorophenol
 Concen: 50.989 ng
 RT: 12.98 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	188576		
198	96.0	79.3	118.9	
200	31.2	25.7	38.5	

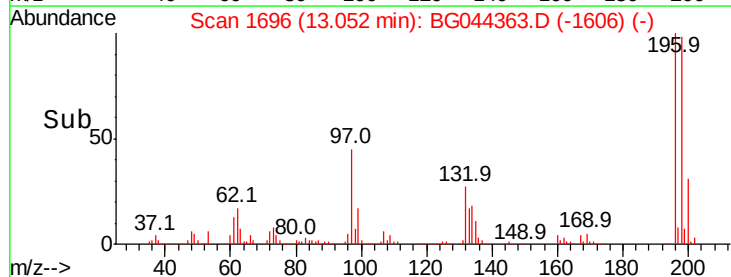
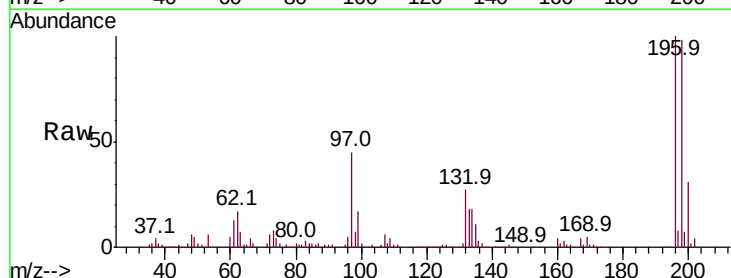
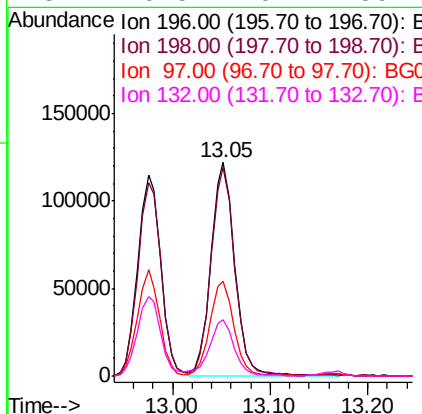
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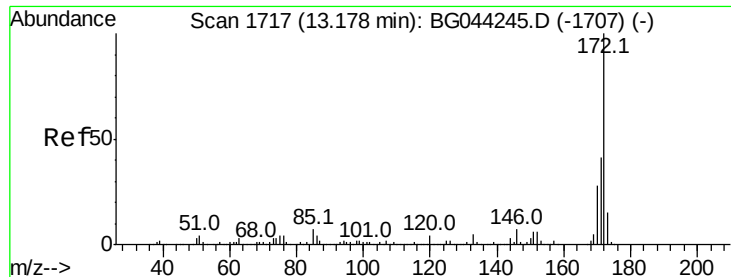
mohammad
 2/12/2020 9:49:39 AM



#44
 2,4,5-Trichlorophenol
 Concen: 54.323 ng
 RT: 13.05 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	205203		
198	97.8	78.2	117.2	
97	44.6	36.2	54.4	
132	26.5	20.2	30.4	





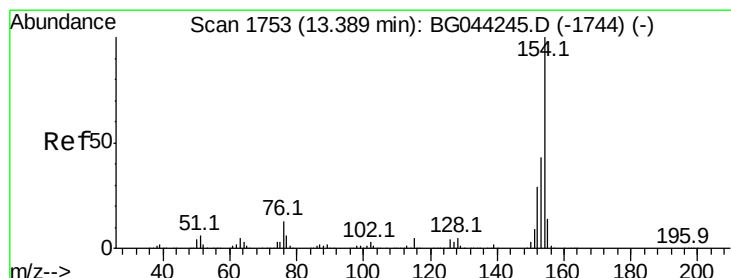
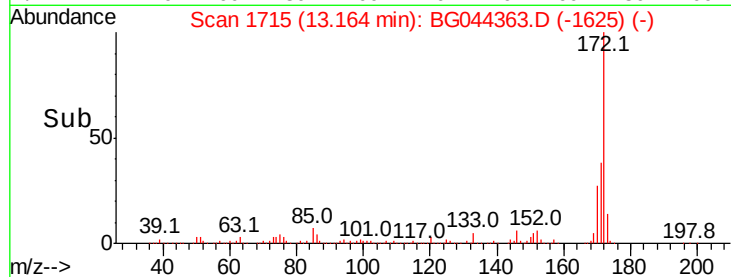
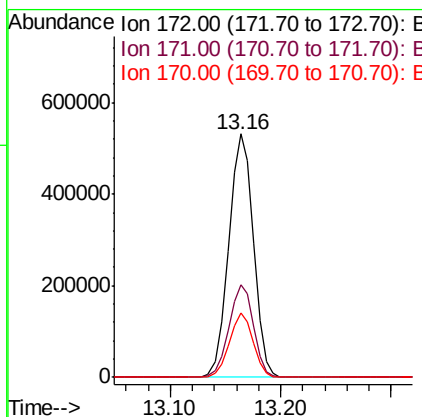
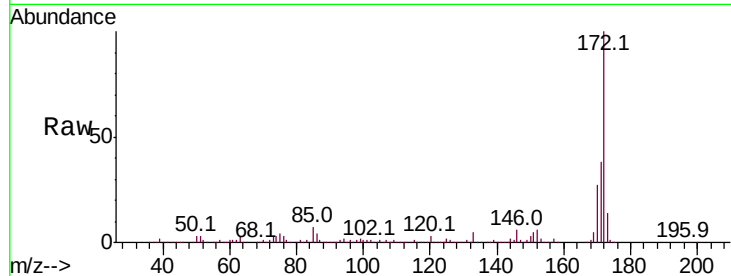
#45
2-Fluorobiphenyl
Concen: 72.733 ng
RT: 13.16 min Scan# 1715
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.9	49.3
170	26.5	22.0	33.0

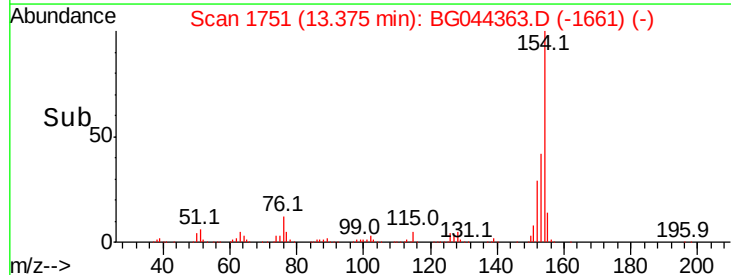
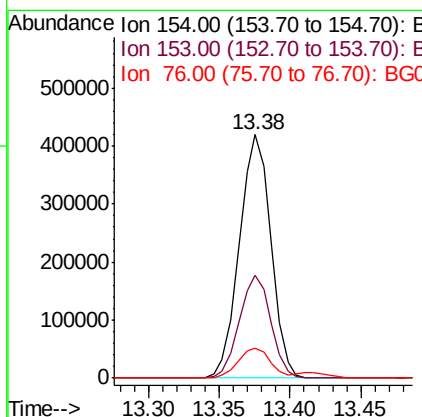
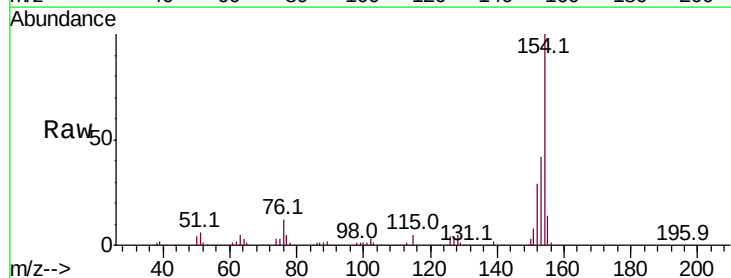
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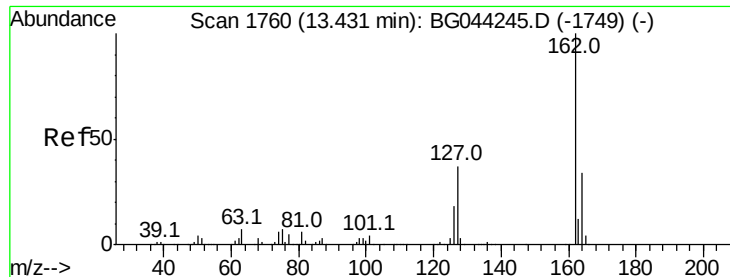
mohammad
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#46
1,1'-Biphenyl
Concen: 47.432 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	22.7	62.7
76	12.3	0.0	32.9





#47

2-Chloronaphthalene

Concen: 46.408 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

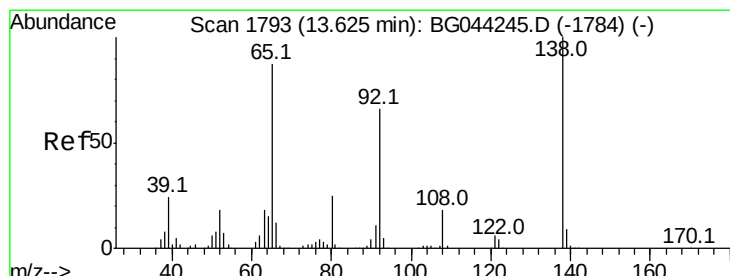
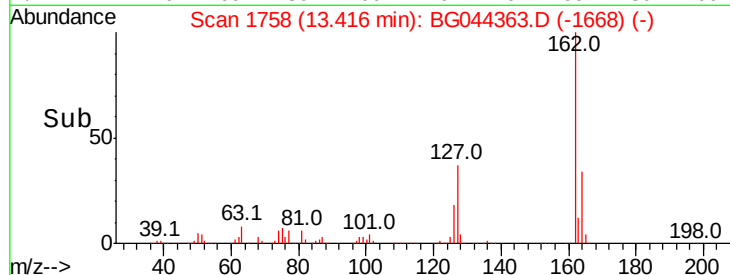
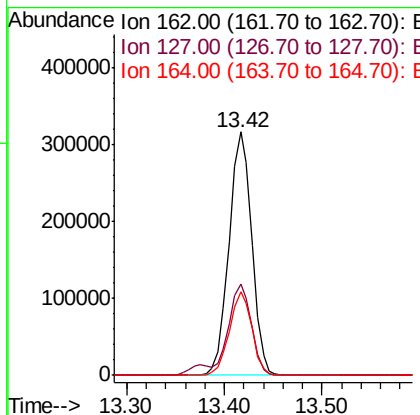
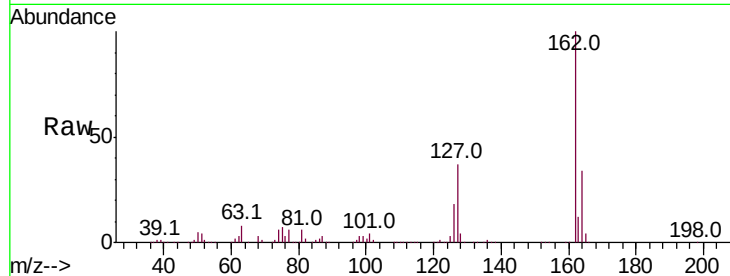
ClientSampleId :

PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.3	30.0	45.0
164	34.3	27.2	40.8

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#48

2-Nitroaniline

Concen: 48.021 ng

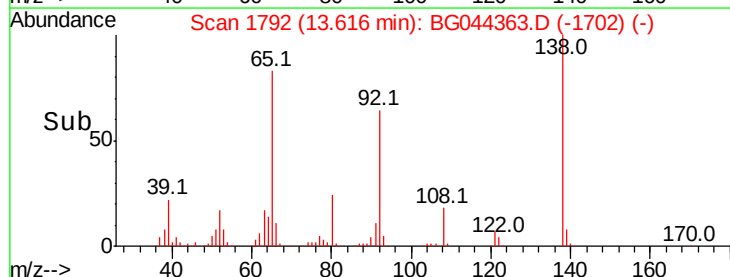
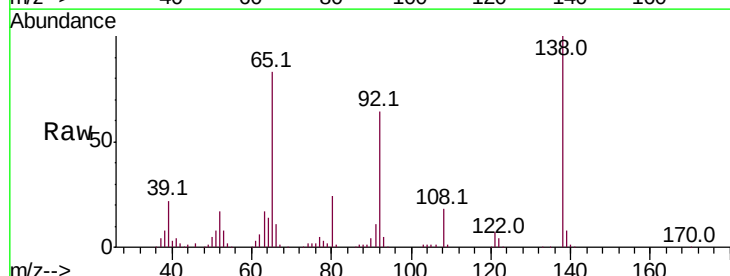
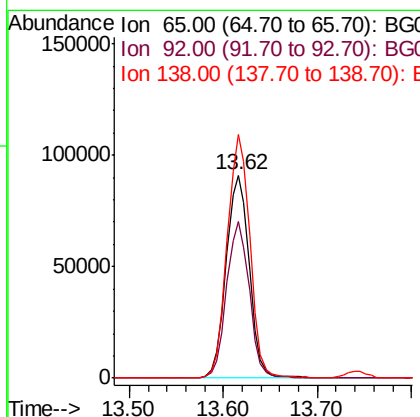
RT: 13.62 min Scan# 1792

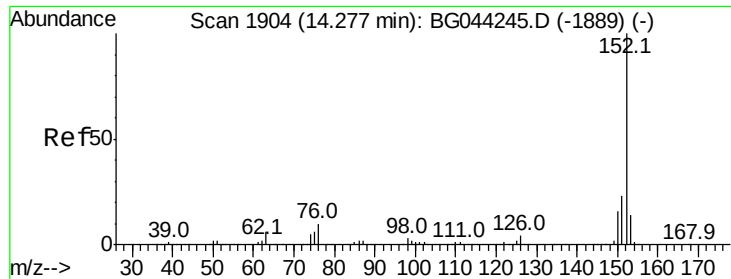
Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.9	60.3	90.5
138	119.9	91.9	137.9





#49

Acenaphthylene

Concen: 51.765 ng

RT: 14.26 min Scan# 1902

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

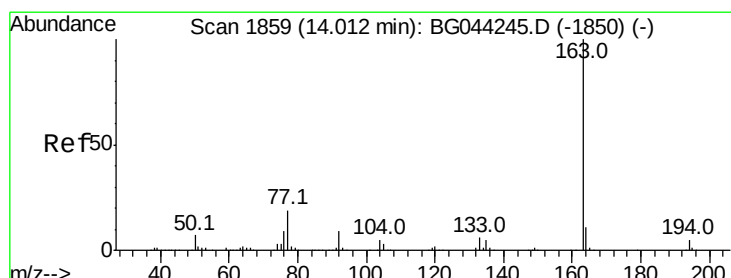
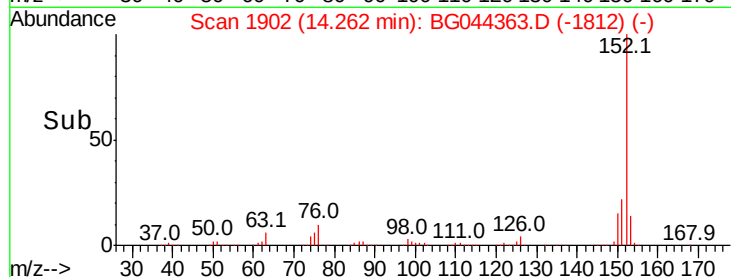
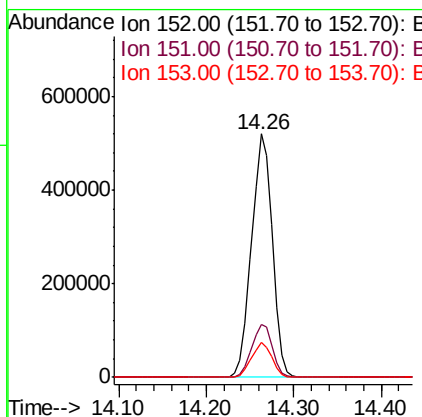
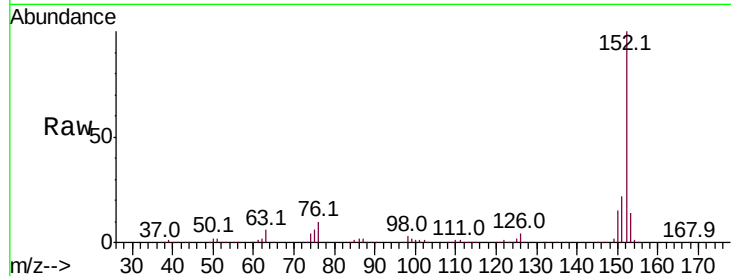
ClientSampleId :

PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.7	18.1	27.1
153	14.5	11.5	17.3

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#50

Dimethylphthalate

Concen: 53.121 ng

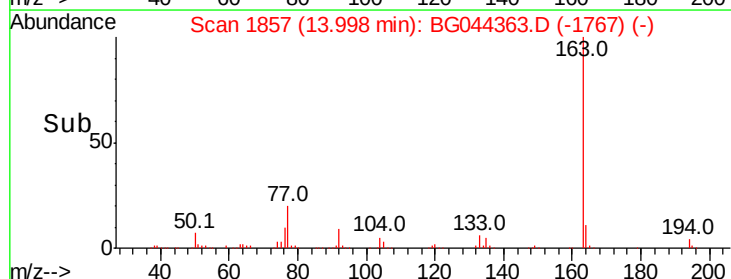
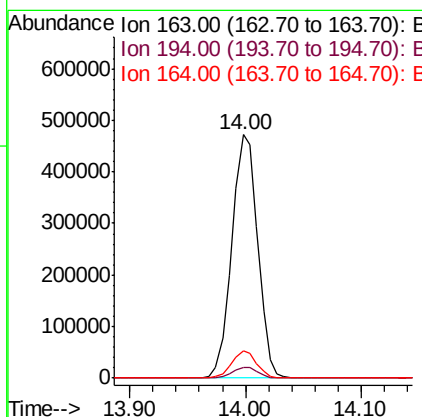
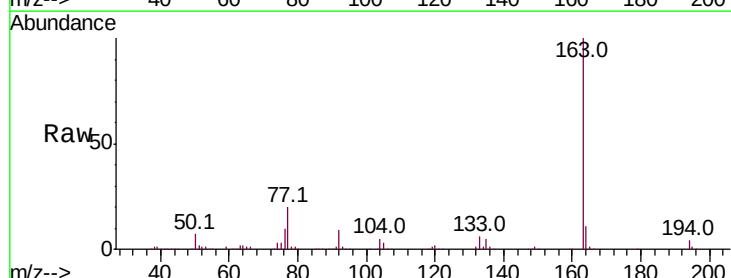
RT: 14.00 min Scan# 1857

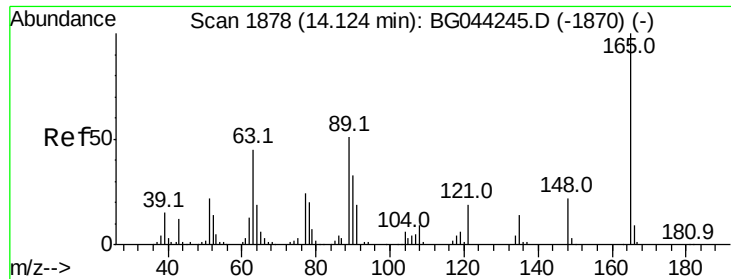
Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	11.1	8.7	13.1





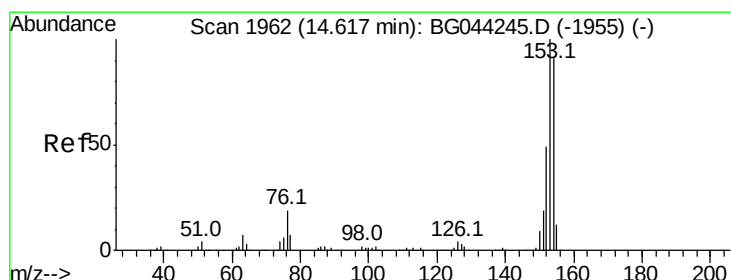
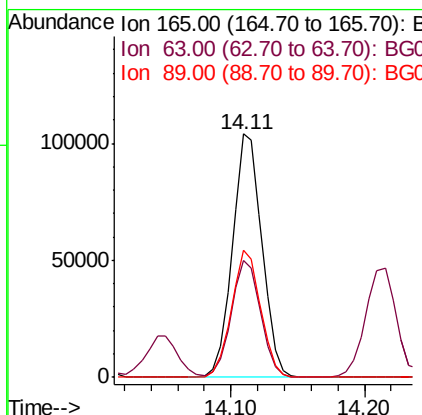
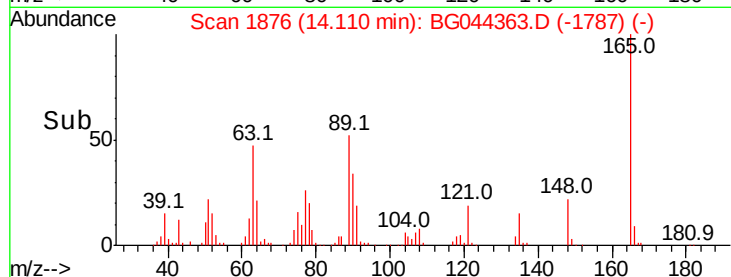
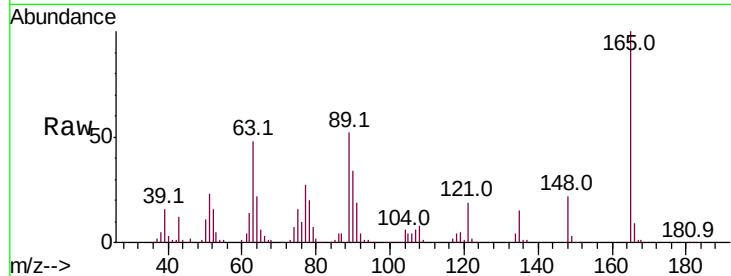
#51
2,6-Dinitrotoluene
Concen: 51.869 ng
RT: 14.11 min Scan# 1876
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	159012		
63	48.0		38.7	58.1
89	52.0		40.4	60.6

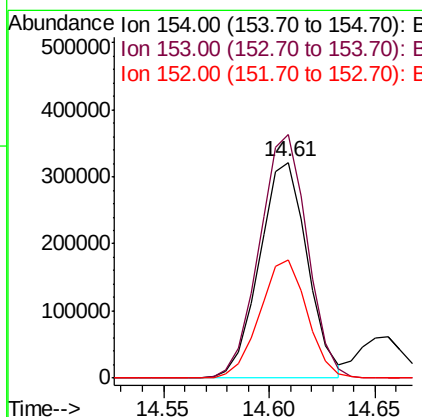
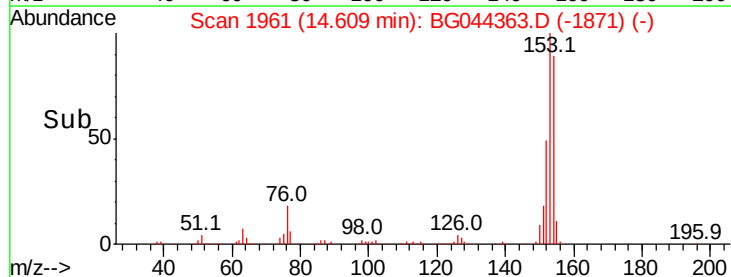
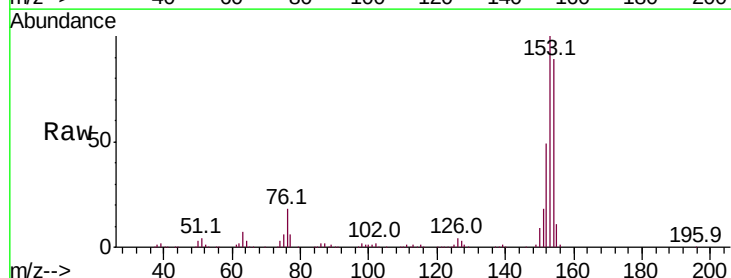
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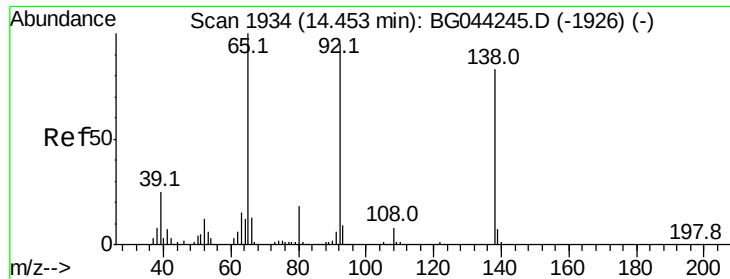
mohammad
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#52
Acenaphthene
Concen: 48.745 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	508778		
153	112.8		87.9	131.9
152	55.0		43.1	64.7





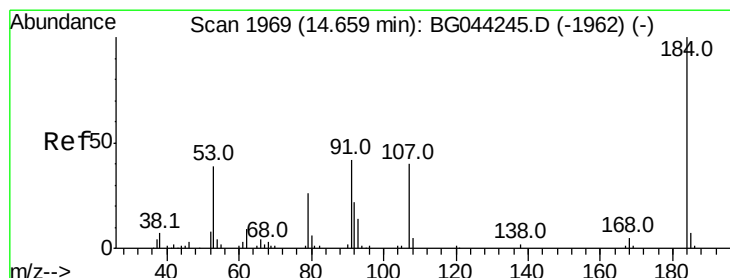
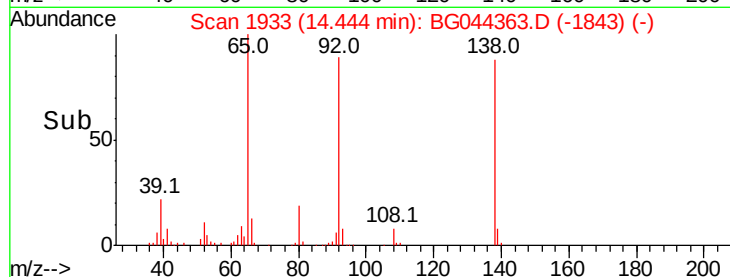
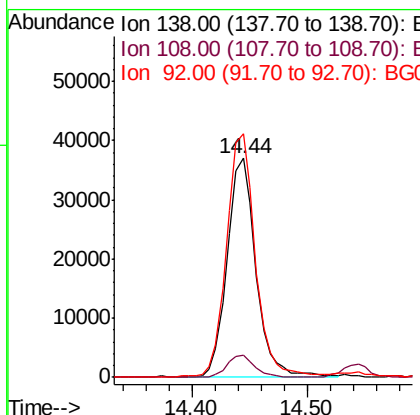
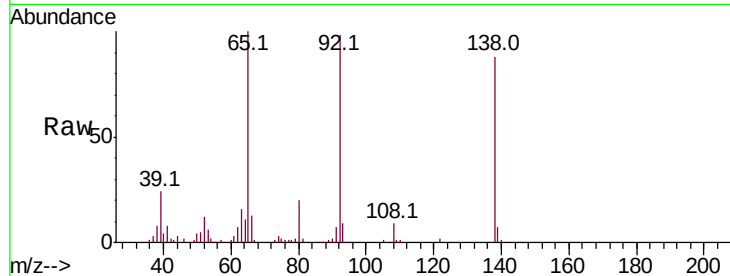
#53
 3-Nitroaniline
 Concen: 18.969 ng
 RT: 14.44 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	7.9	11.9
92	111.1	91.0	136.4

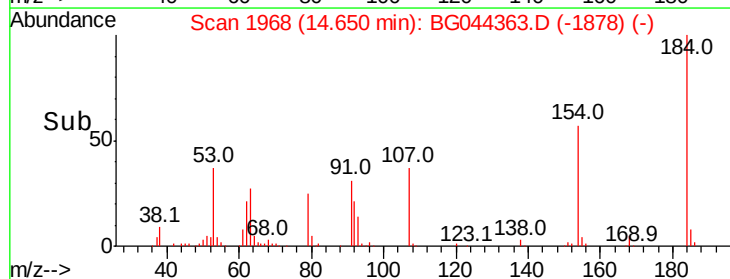
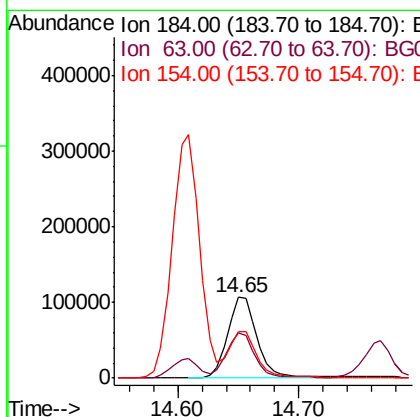
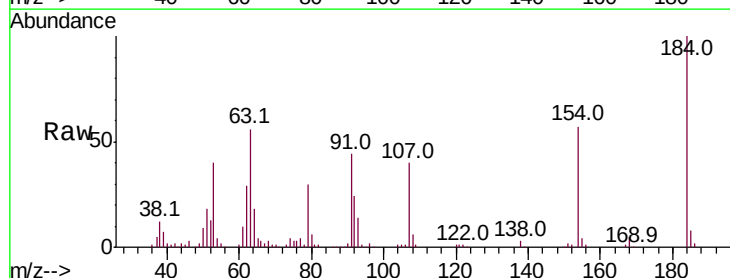
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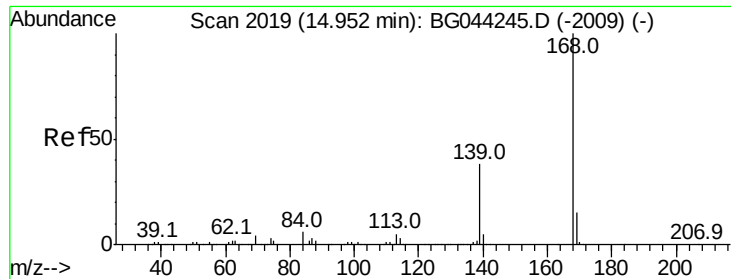
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#54
 2,4-Dinitrophenol
 Concen: 99.234 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.0	44.1	66.1
154	56.9	45.4	68.0





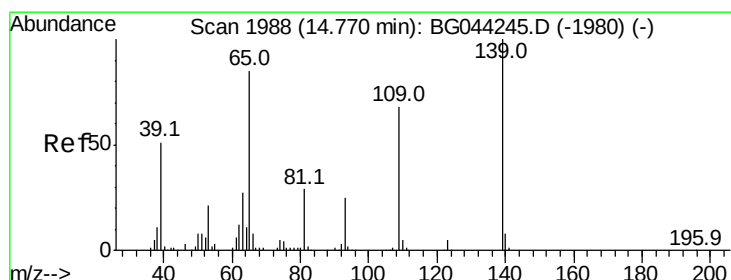
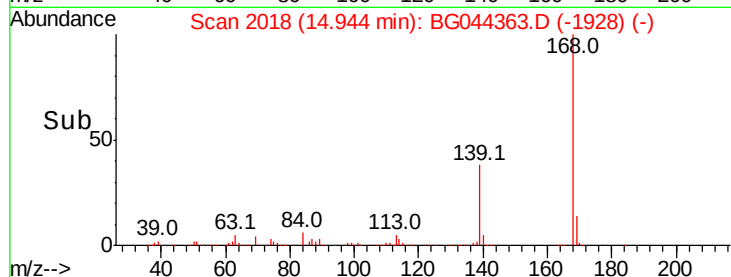
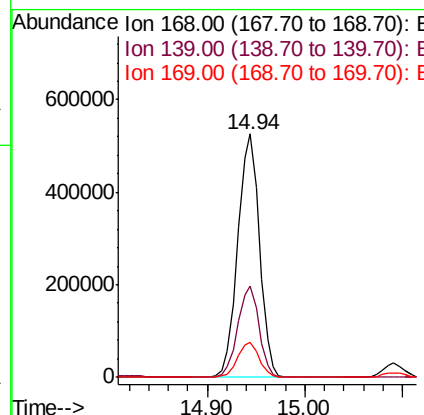
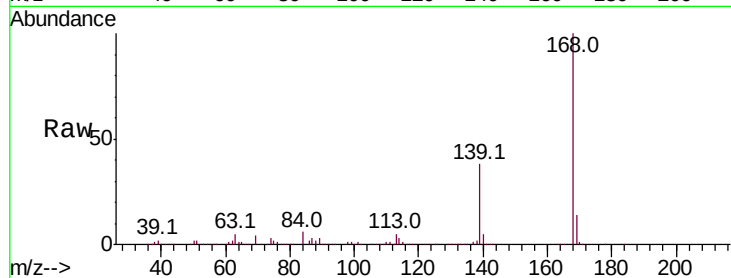
#55
Dibenzofuran
Concen: 51.136 ng
RT: 14.94 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	30.5	45.7
169	14.2	11.7	17.5

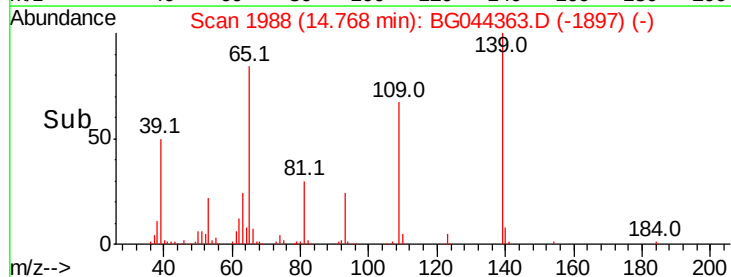
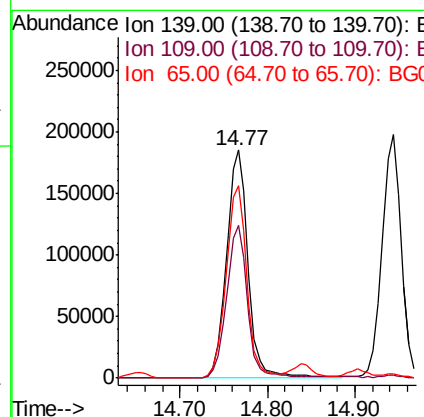
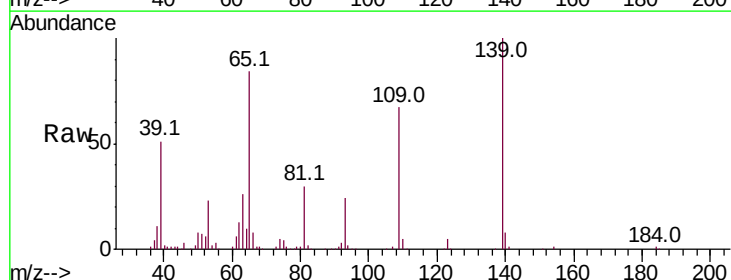
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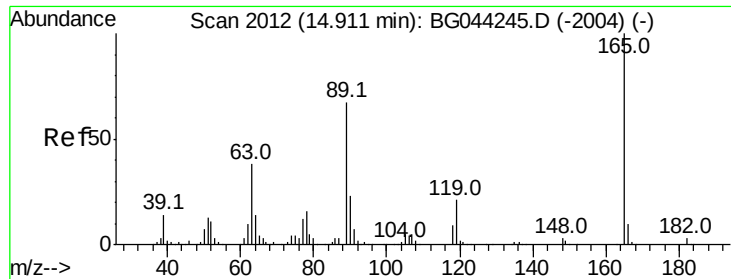
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#56
4-Nitrophenol
Concen: 127.151 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	67.1	47.5	87.5
65	84.2	64.9	104.9





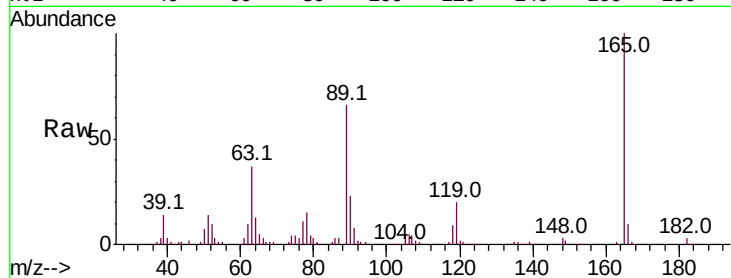
#57
 2,4-Dinitrotoluene
 Concen: 53.189 ng
 RT: 14.90 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

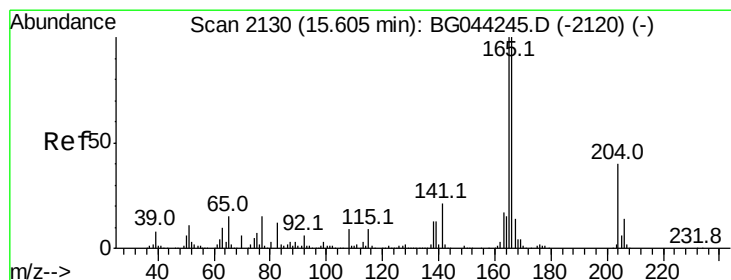
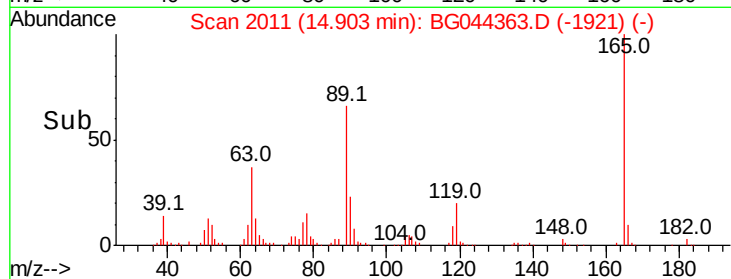
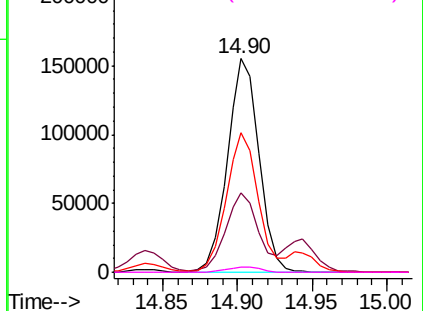
Tot Ion	Ratio	Resp	Lower	Upper
165	100	228541		
63	37.5	30.3	45.5	
89	65.5	53.4	80.2	
182	2.7	2.1	3.1	

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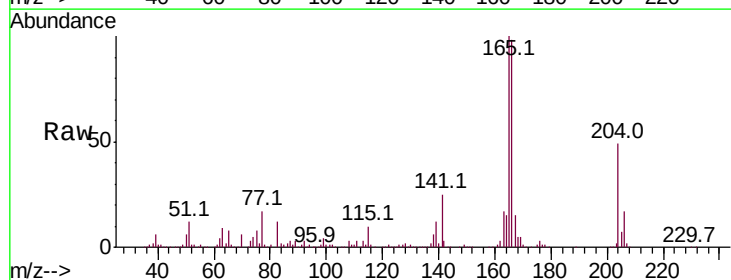


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

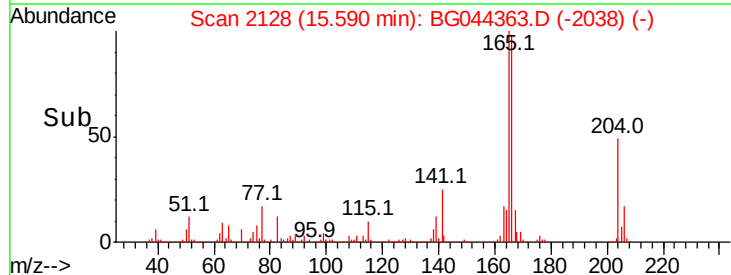
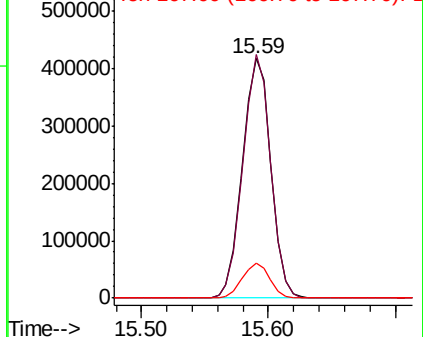


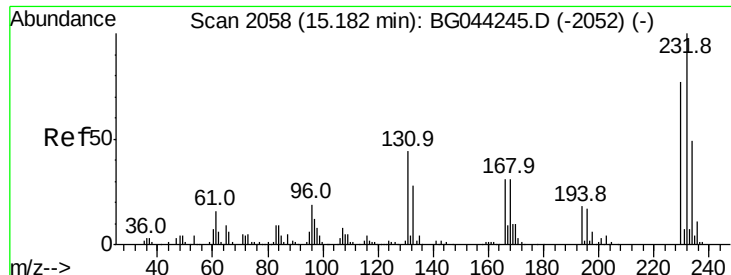
#58
 Fluorene
 Concen: 52.098 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	648450		
165	101.6	79.9	119.9	
167	14.7	11.4	17.0	



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





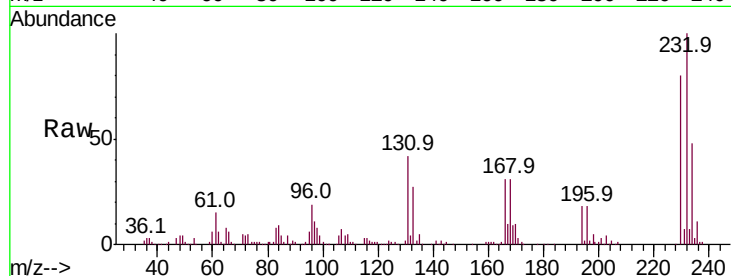
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 56.584 ng
 RT: 15.17 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampled :
 PE-1-(BASE)MS

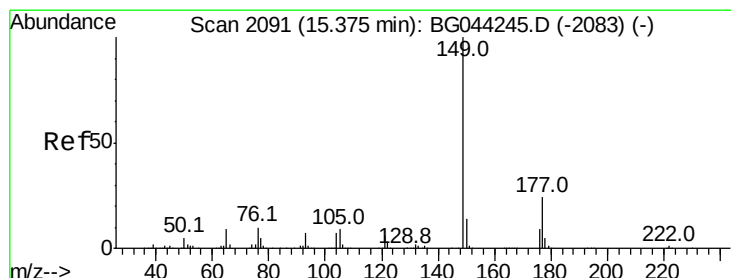
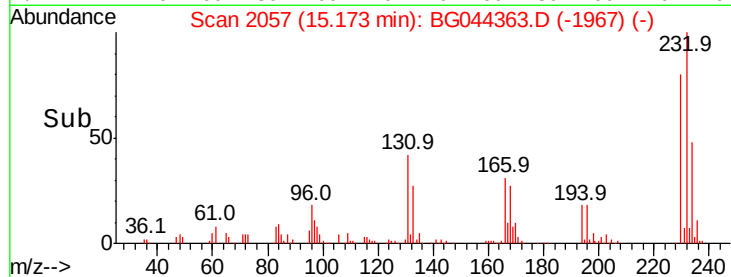
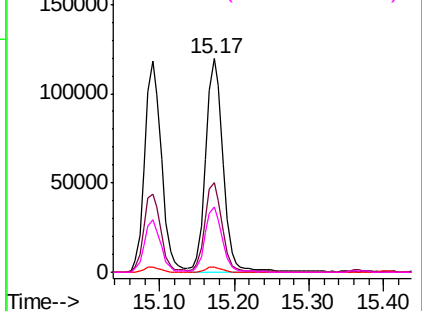
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.9	34.2	51.4
130	2.3	1.8	2.8
166	29.6	23.8	35.8

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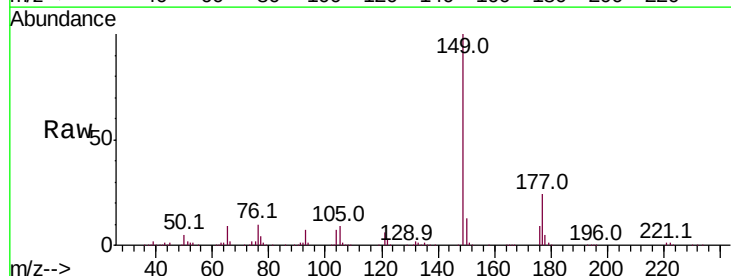


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

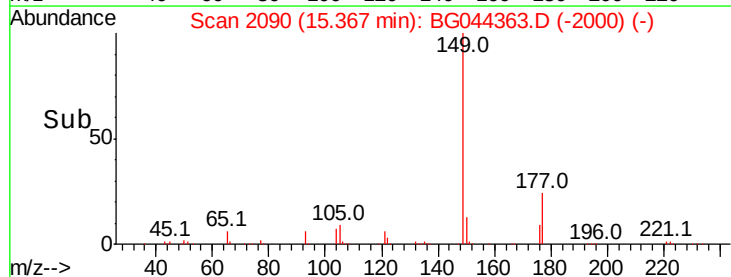
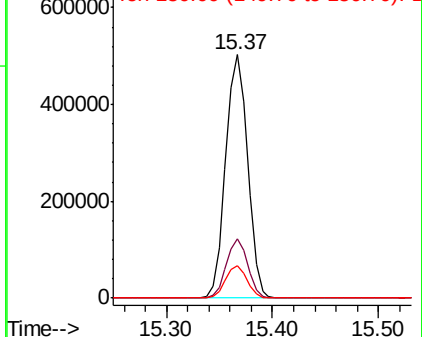


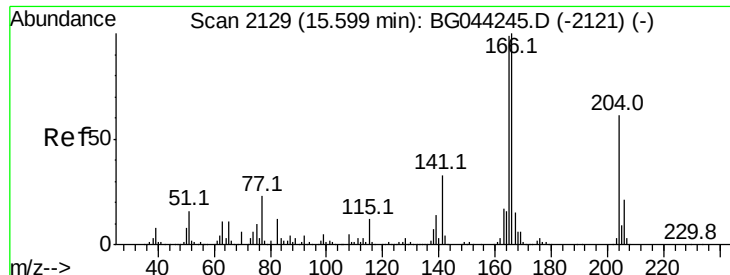
#60
 Diethylphthalate
 Concen: 52.646 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.4	19.4	29.0
150	13.2	10.9	16.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





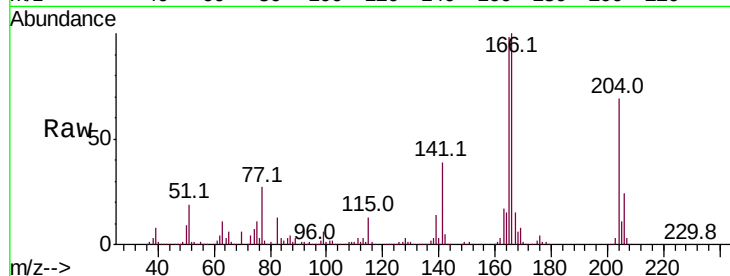
#61
4-Chlorophenyl-phenylether
Concen: 50.530 ng
RT: 15.58 min Scan# 2127
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	35.3	27.6	41.4
141	56.9	43.4	65.0

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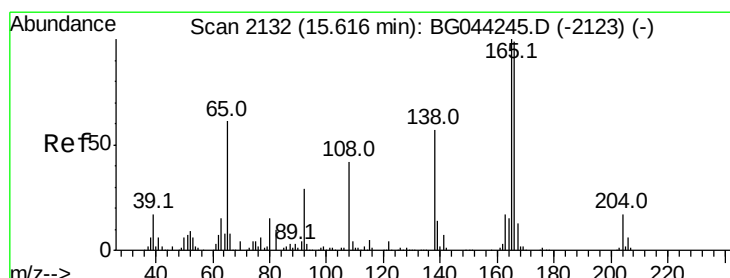
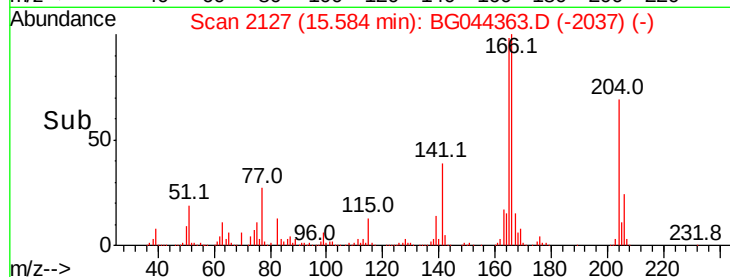
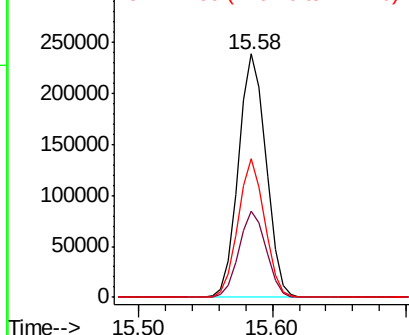


Abundance

Ion 204.00 (203.70 to 204.70): E

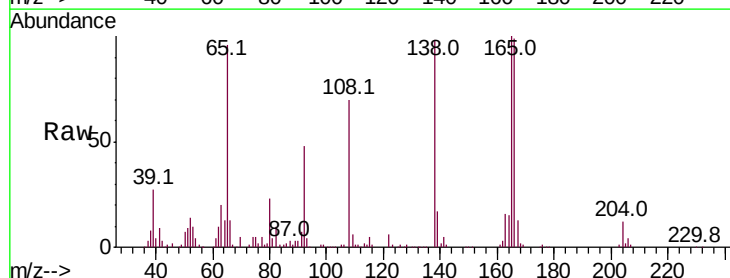
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 49.263 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	31.3	71.3
108	71.4	52.6	92.6

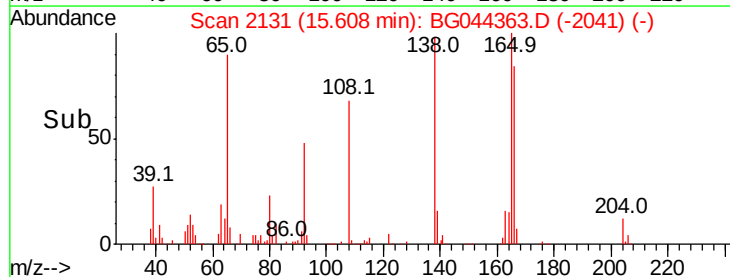
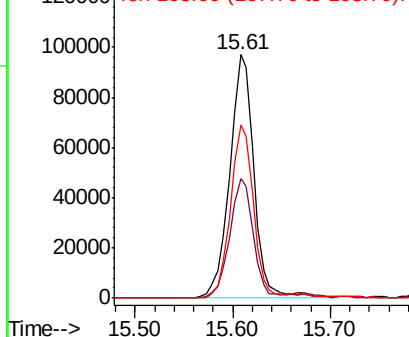


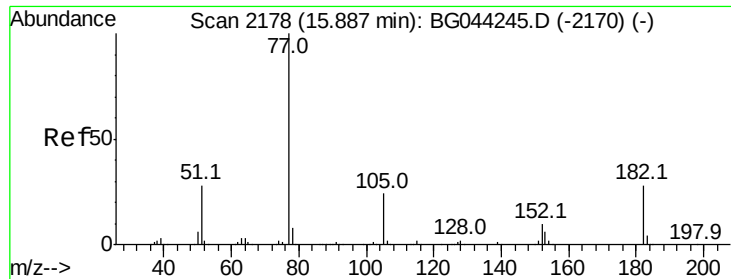
Abundance

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





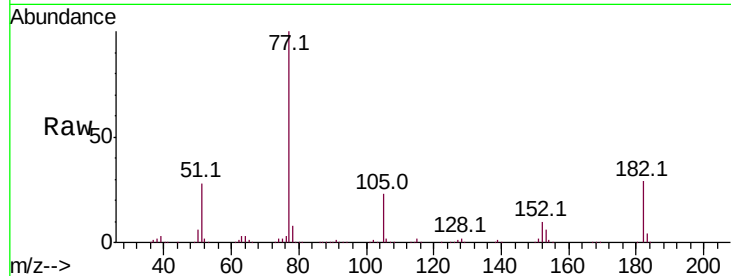
#63
Azobenzene
Concen: 52.780 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		633749		
182	29.0	8.2	48.2		
105	23.2	3.6	43.6		
51	28.1	8.3	48.3		

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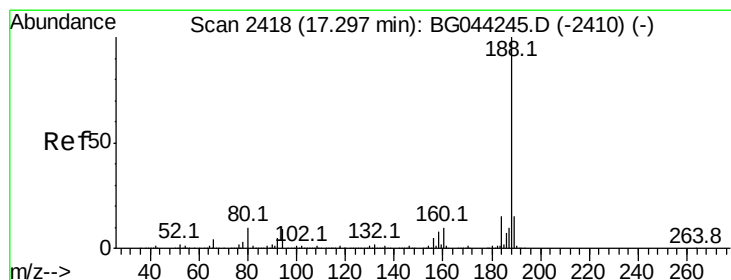
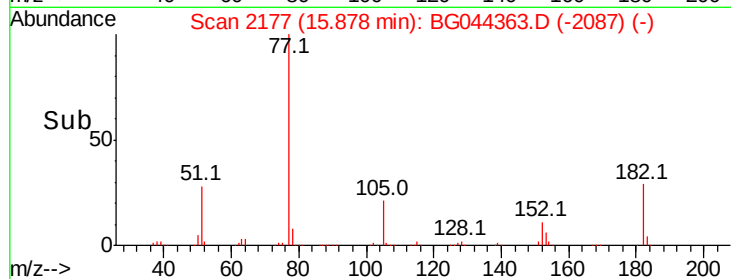
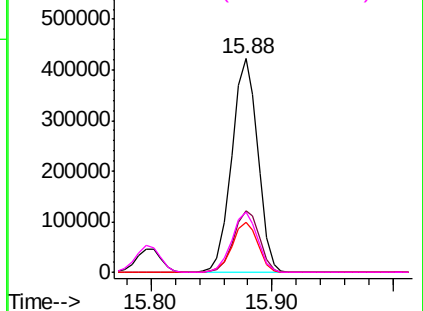
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

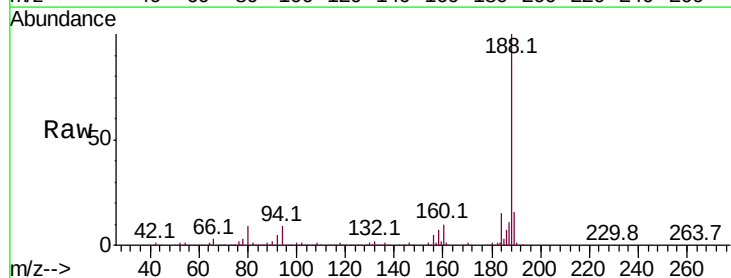
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		462973		
94	9.0	7.4	11.2		
80	9.3	7.7	11.5		

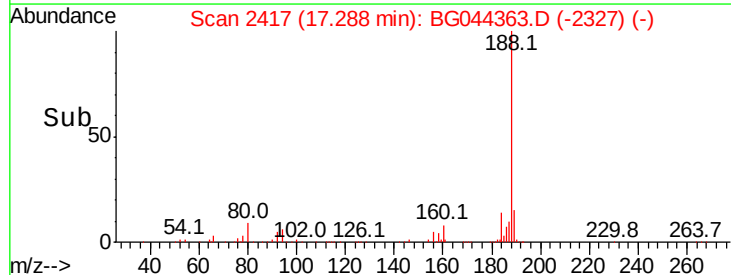
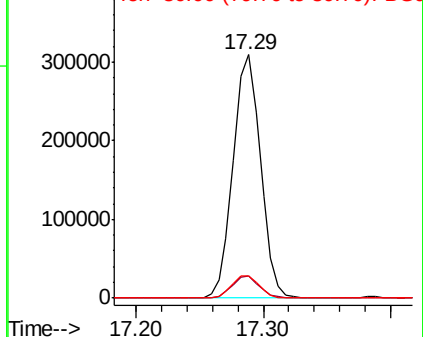


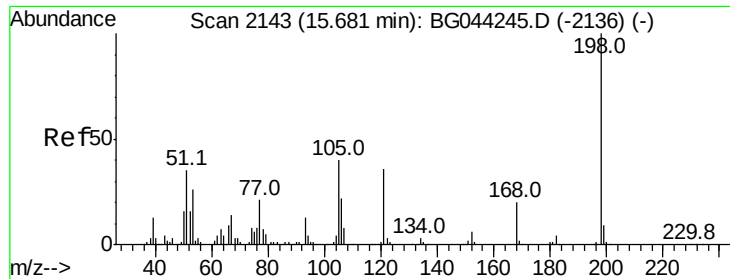
Abundance

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





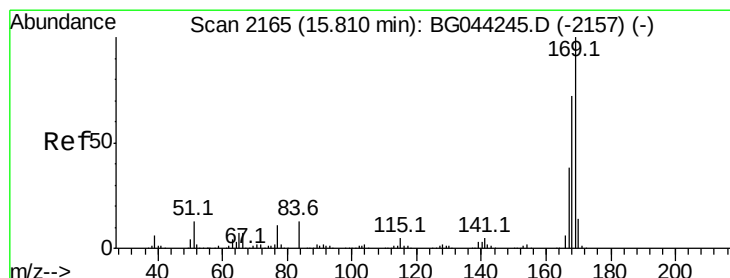
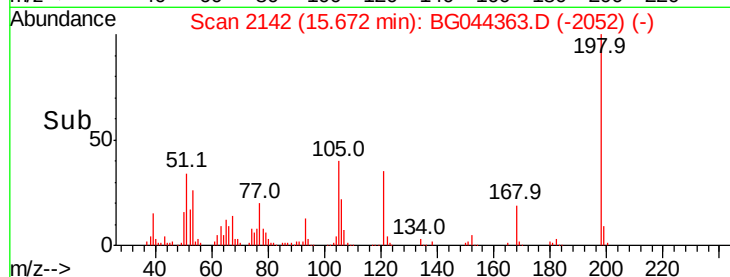
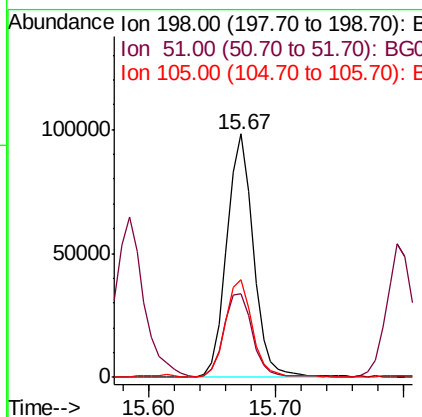
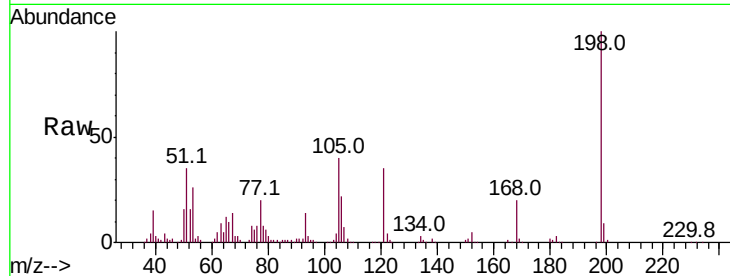
#65
4,6-Dinitro-2-methylphenol
Concen: 56.124 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.5	16.6	56.6
105	40.4	20.6	60.6

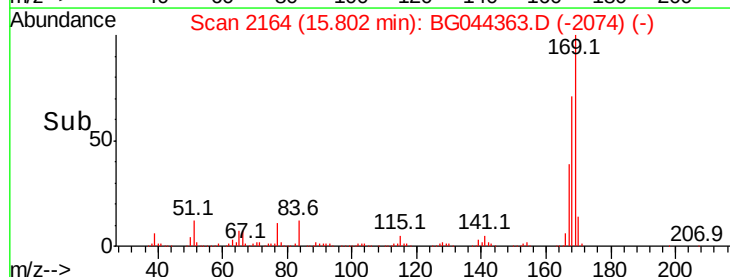
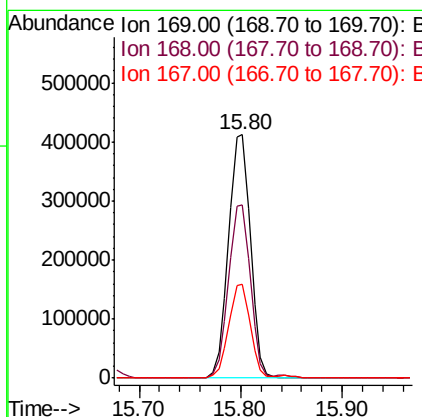
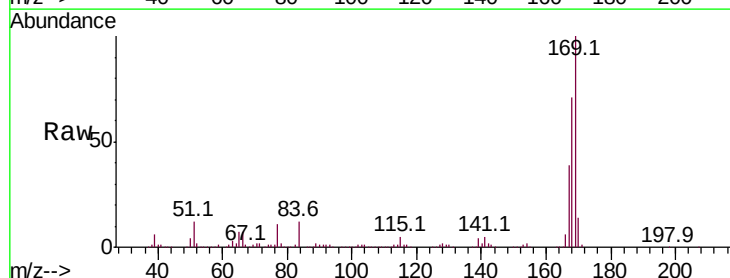
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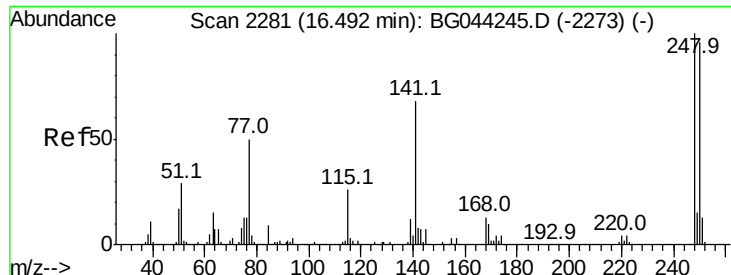
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#66
n-Nitrosodiphenylamine
Concen: 47.880 ng
RT: 15.80 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	70.9	57.9	86.9
167	38.6	30.7	46.1





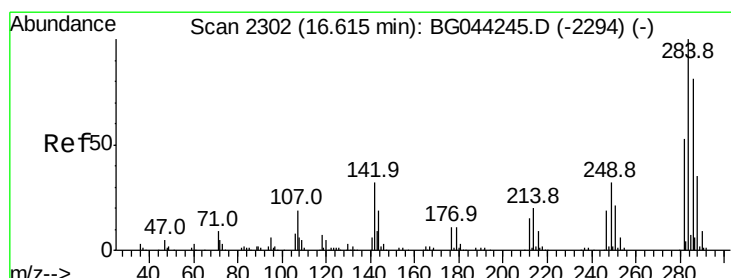
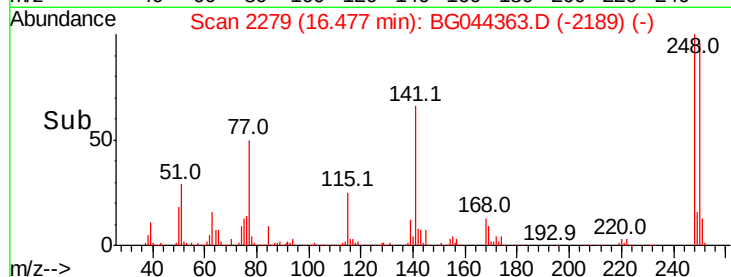
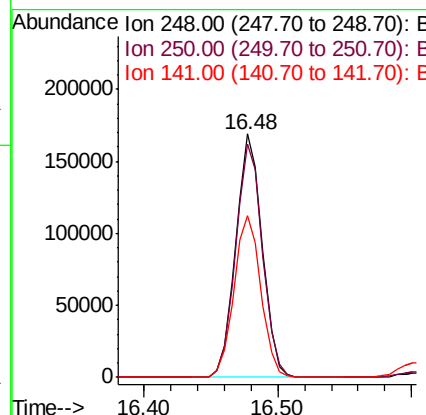
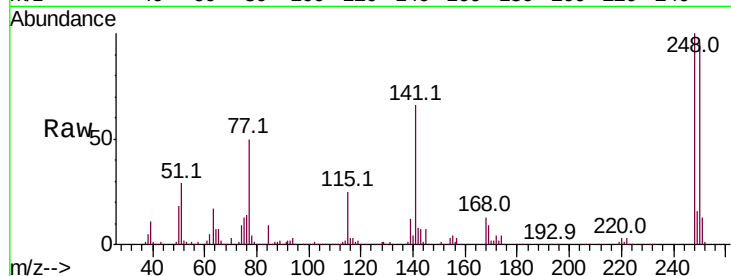
#67
 4-Bromophenyl-phenylether
 Concen: 46.253 ng
 RT: 16.48 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.8	76.6	114.8
141	66.2	54.7	82.1

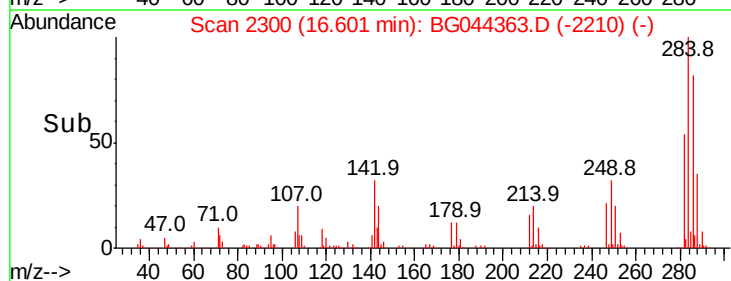
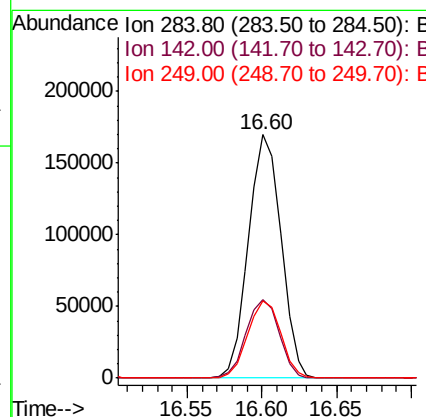
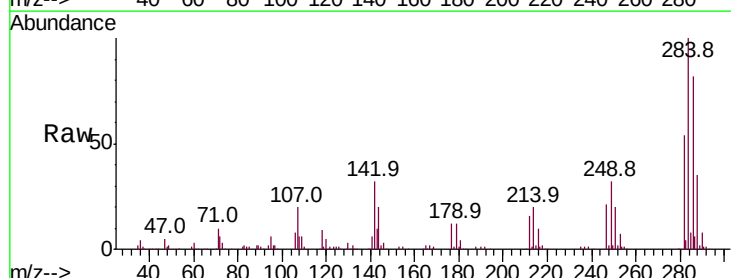
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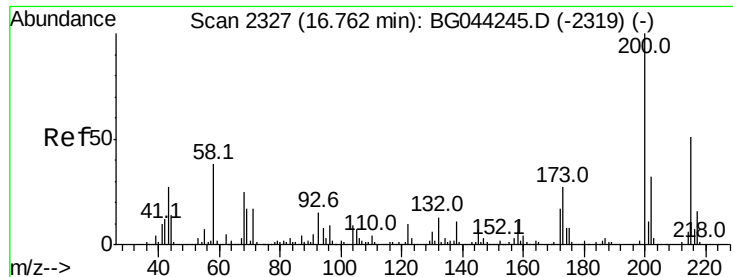
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#68
 Hexachlorobenzene
 Concen: 45.465 ng
 RT: 16.60 min Scan# 2300
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.1	25.3	37.9
249	31.8	25.5	38.3





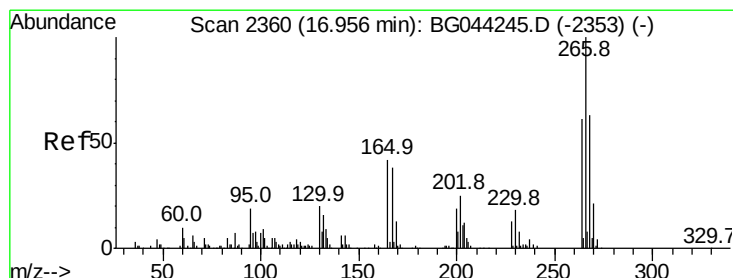
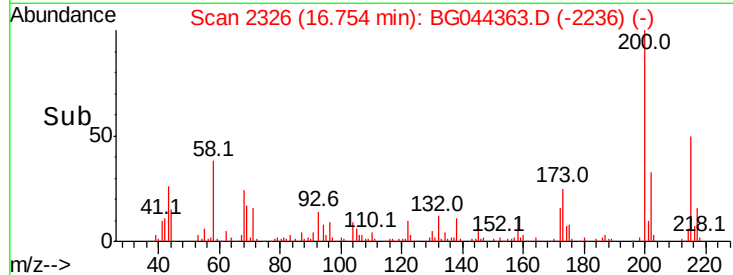
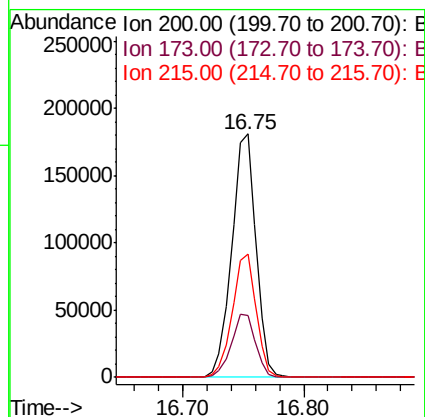
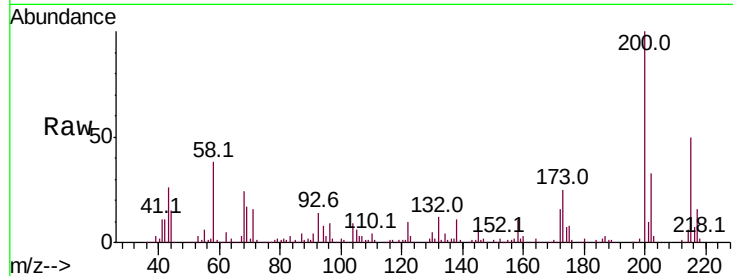
#69
 Atrazine
 Concen: 56.882 ng
 RT: 16.75 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	25.3	6.6	46.6
215	50.5	31.0	71.0

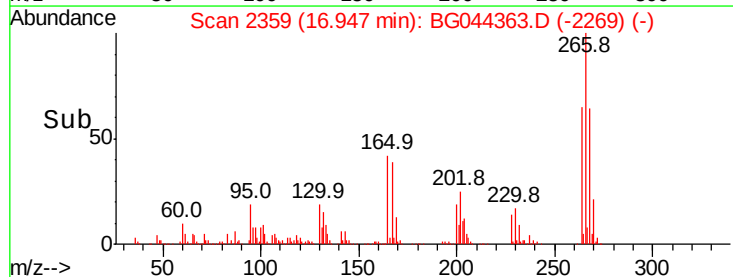
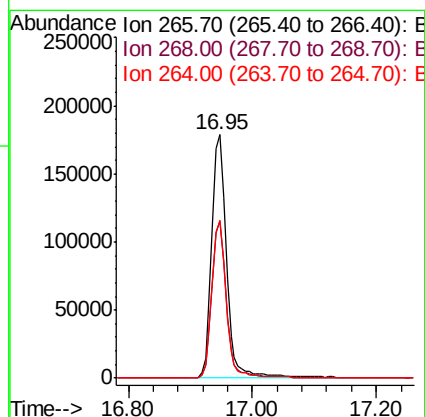
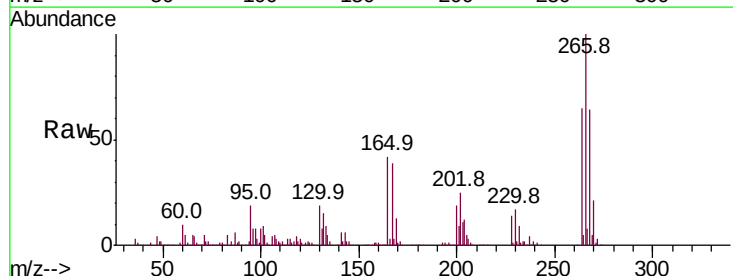
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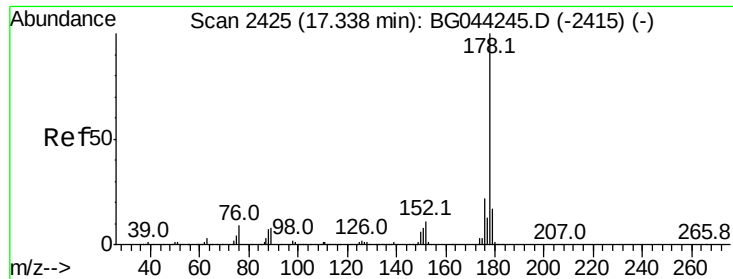
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#70
 Pentachlorophenol
 Concen: 102.965 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.2	50.6	75.8
264	64.7	48.7	73.1





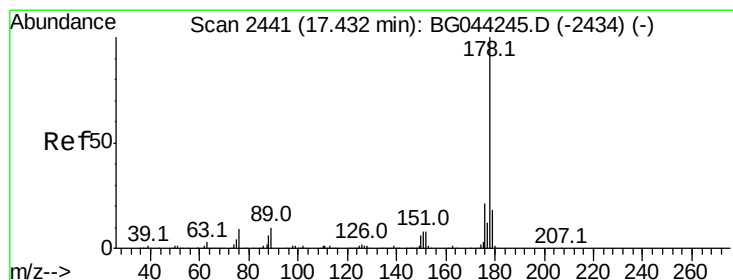
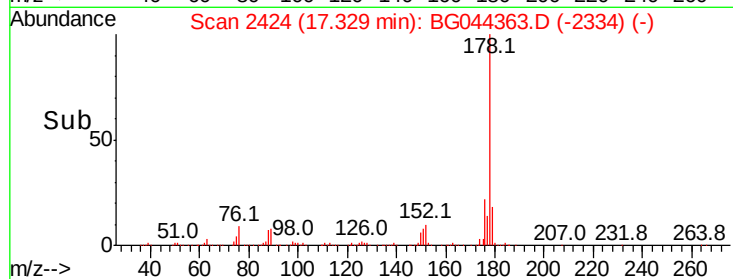
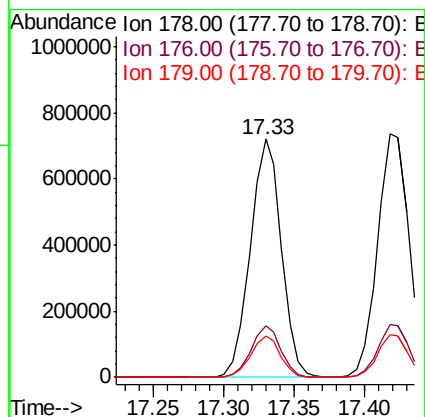
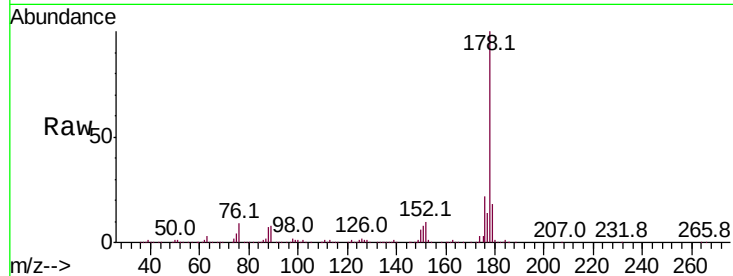
#71
Phenanthrene
Concen: 49.563 ng
RT: 17.33 min Scan# 2424
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.5	17.7	26.5	
179	17.6	13.7	20.5	

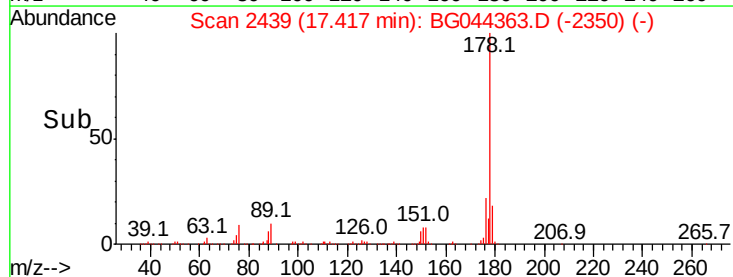
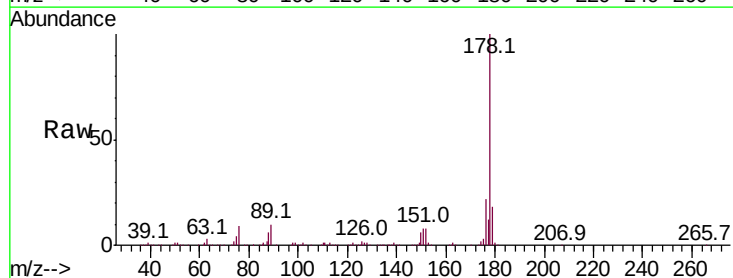
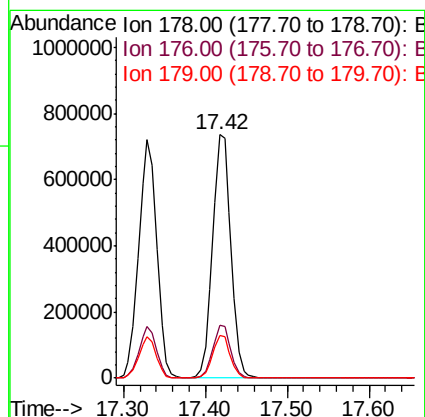
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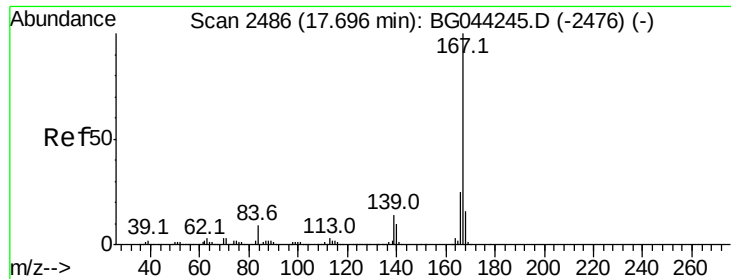
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#72
Anthracene
Concen: 51.729 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	21.6	17.0	25.4	
179	17.6	14.4	21.6	





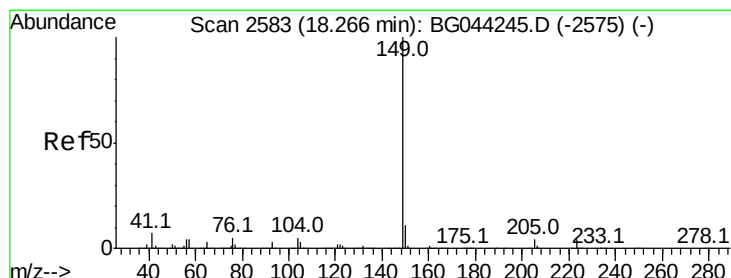
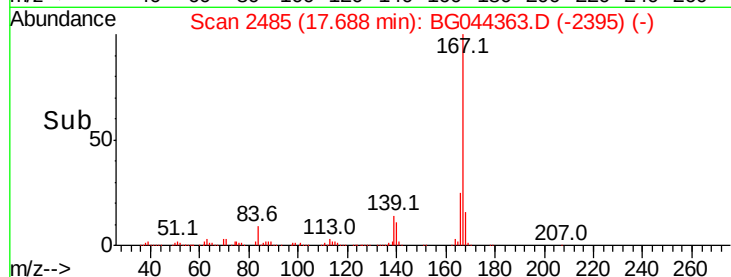
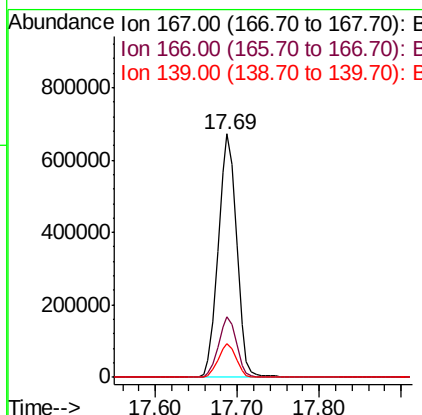
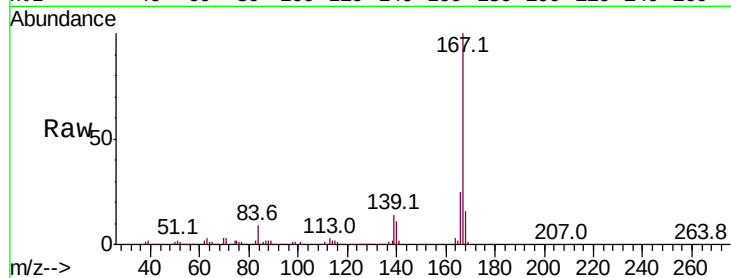
#73
 Carbazole
 Concen: 51.793 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Instrument :
 BNA_G
 ClientSampleId :
 PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.0	19.8	29.6
139	13.7	11.1	16.7

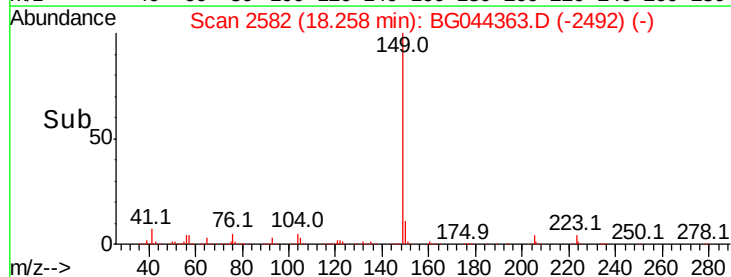
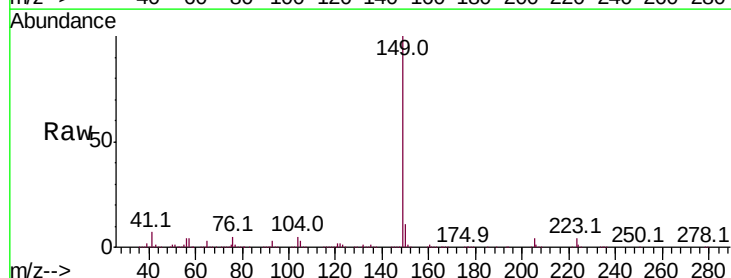
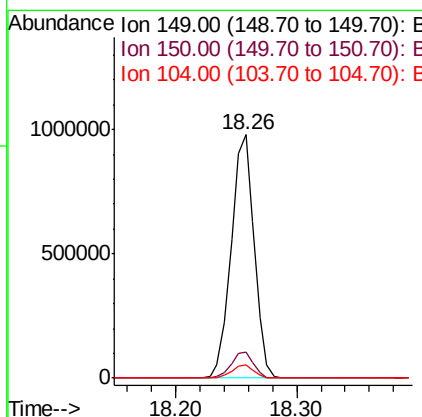
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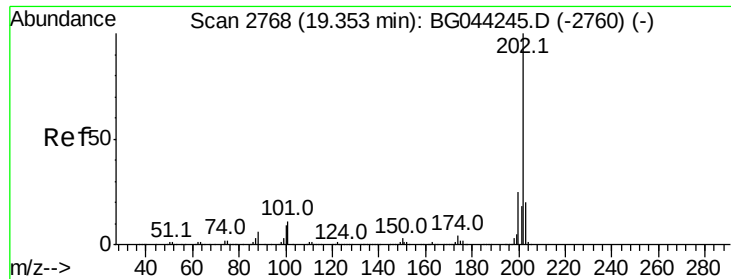
mohammad
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#74
 Di-n-butylphthalate
 Concen: 51.177 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG044363.D
 Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.8	8.7	13.1
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 52.321 ng

RT: 19.34 min Scan# 2766

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

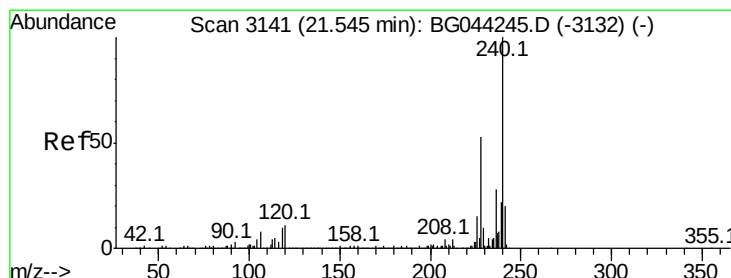
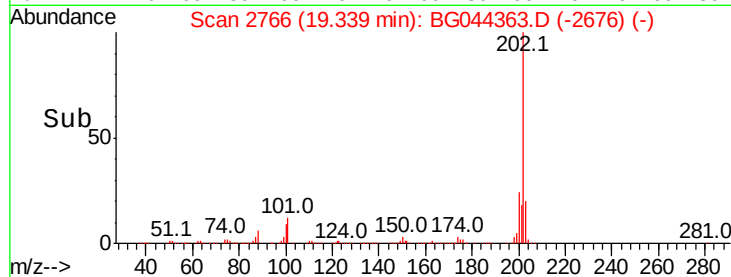
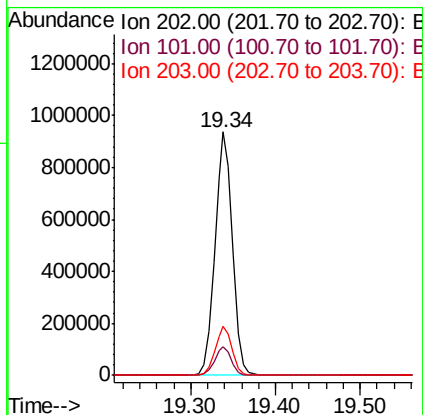
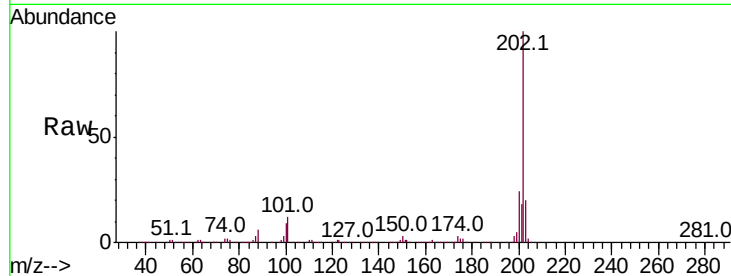
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	202	Resp:	1356910
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	20.0	0.0	39.9

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#76

Chrysene-d12

Concen: 20.000 ng

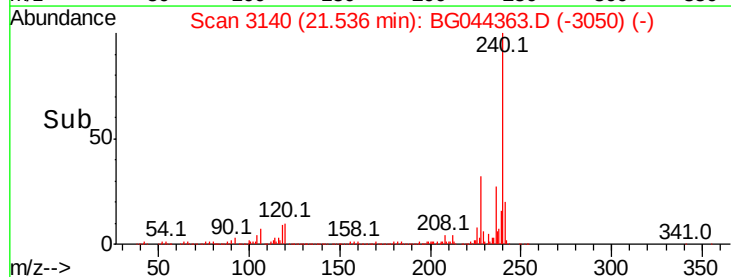
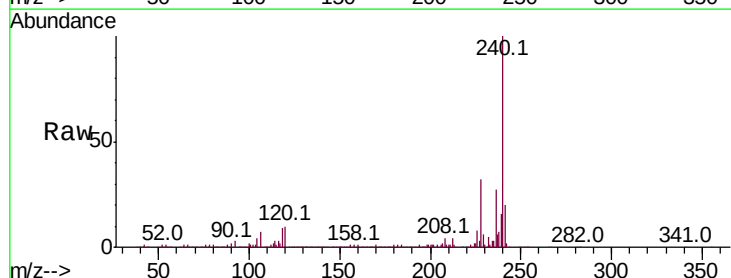
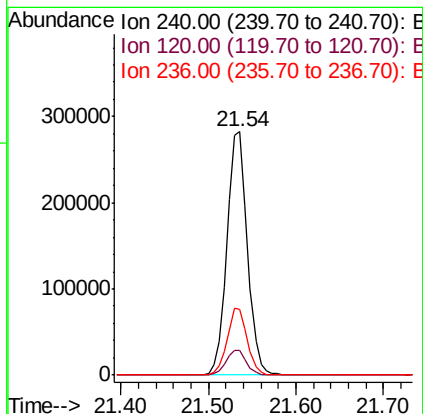
RT: 21.54 min Scan# 3140

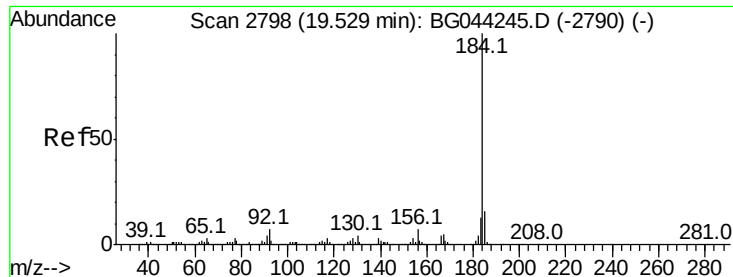
Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	240	Resp:	452724
Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.4	12.6
236	27.1	22.1	33.1





#77

Benzidine

Concen: 36.704 ng

RT: 19.51 min Scan# 2796

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

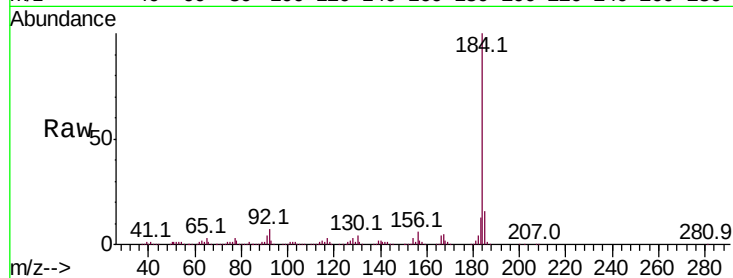
ClientSampleId :

PE-1-(BASE)MS

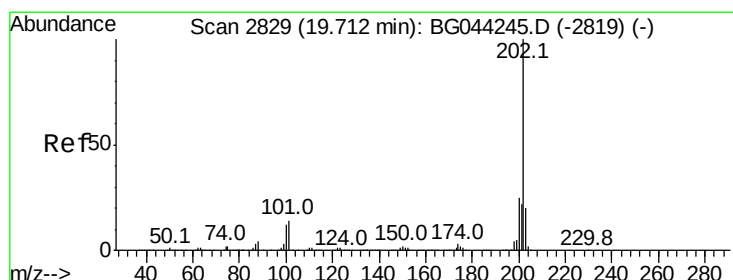
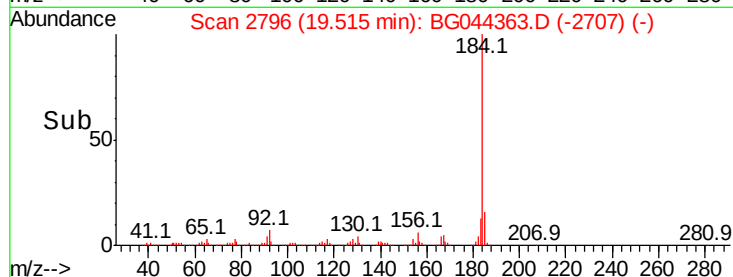
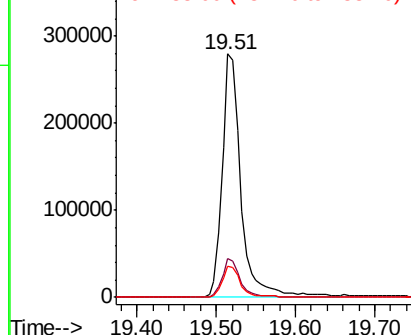
Tot Ion:	184	Resp:	460908
Ion Ratio	Lower	Upper	
184	100		
185	15.9	12.9	19.3
183	13.0	10.8	16.2

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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: 46.775 ng

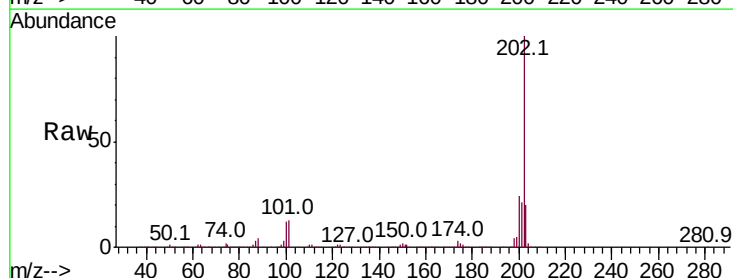
RT: 19.70 min Scan# 2828

Delta R.T. -0.00 min

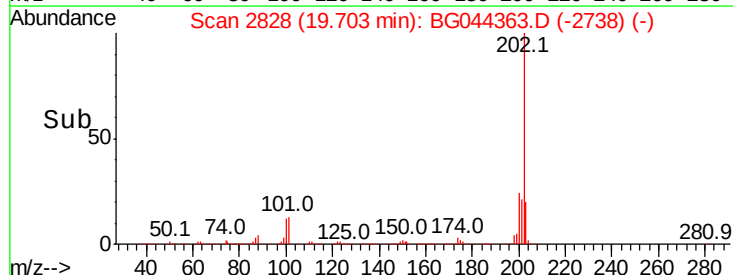
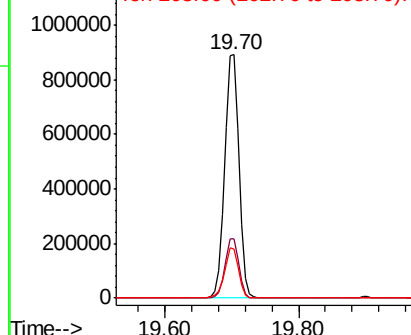
Lab File: BG044363.D

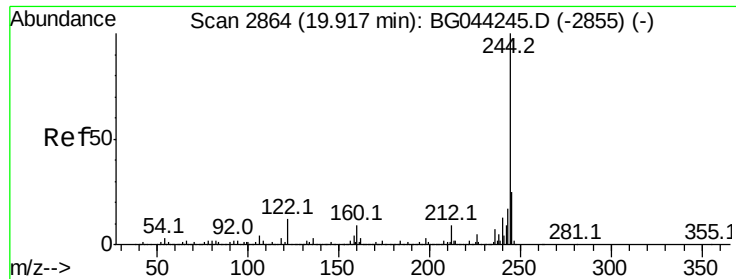
Acq: 10 Feb 2020 19:19

Tgt Ion:	202	Resp:	1359948
Ion Ratio	Lower	Upper	
202	100		
200	24.3	20.0	30.0
203	20.0	16.2	24.2



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: 67.653 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

ClientSampleId :

PE-1-(BASE)MS

Tot Ion:244 Resp: 1489071

Ion Ratio Lower Upper

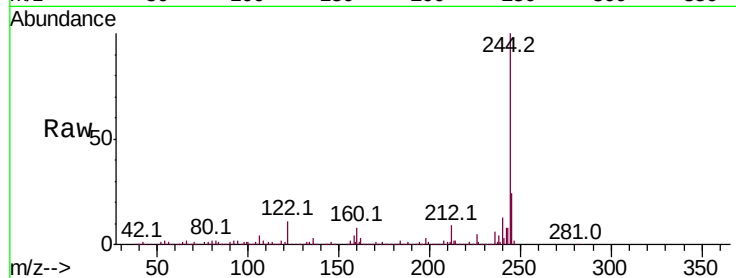
244 100

212 8.7 7.4 11.2

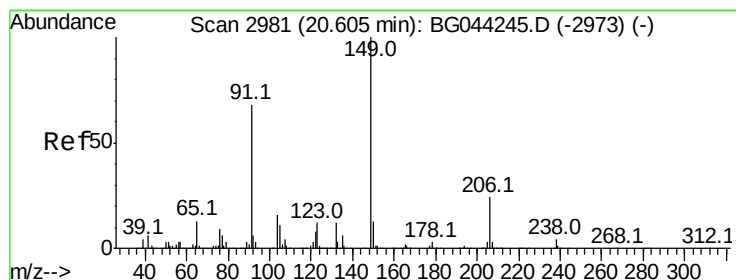
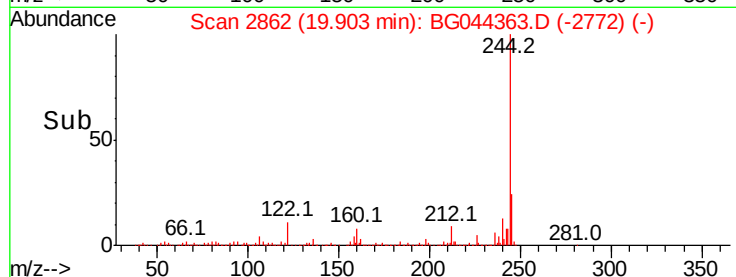
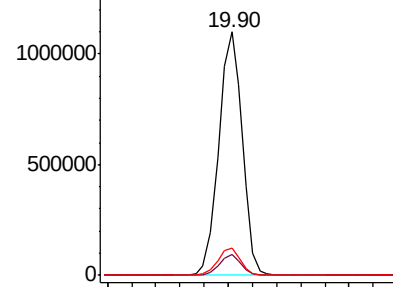
122 11.4 9.8 14.6

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Abundance Ion 244.00 (243.70 to 244.70): E
1500000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.893 ng

RT: 20.59 min Scan# 2979

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

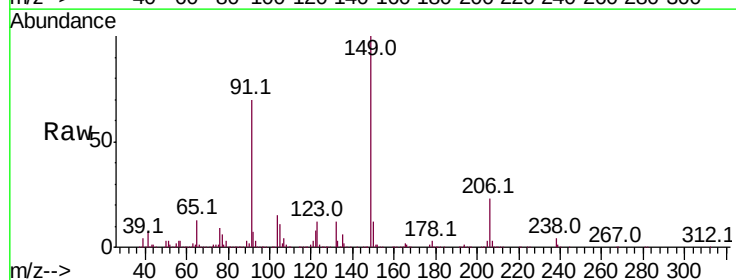
Tgt Ion:149 Resp: 594802

Ion Ratio Lower Upper

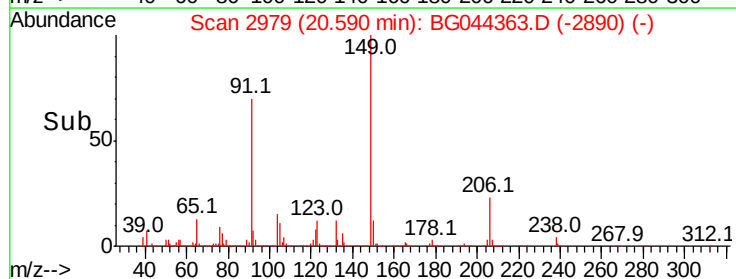
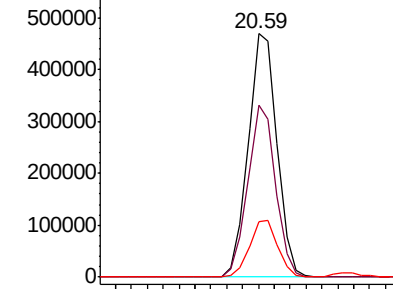
149 100

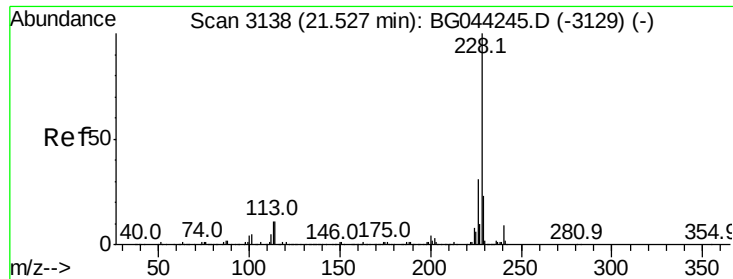
91 70.5 54.5 81.7

206 22.6 19.1 28.7



Abundance Ion 149.00 (148.70 to 149.70): E
600000
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





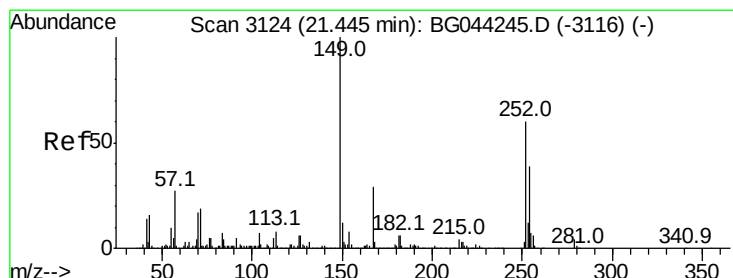
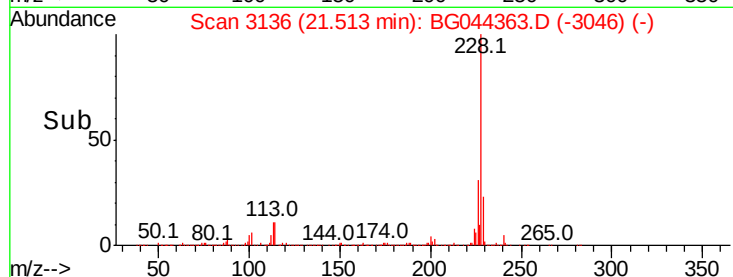
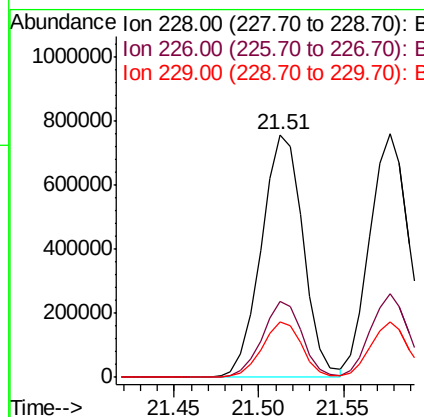
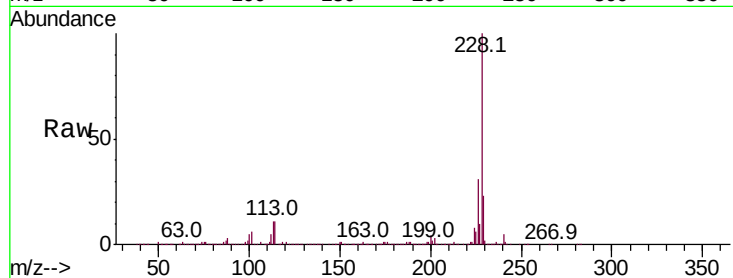
#81
Benzo(a)anthracene
Concen: 46.706 ng
RT: 21.51 min Scan# 3136
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.7	37.1
229	22.6	18.2	27.4

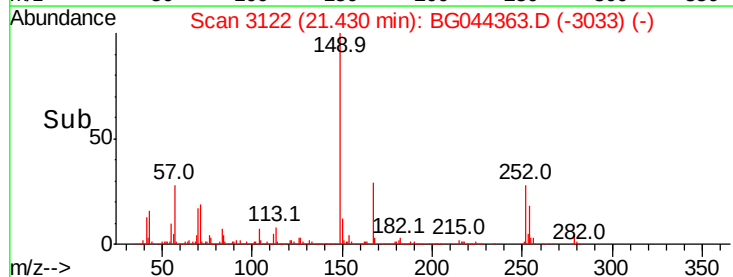
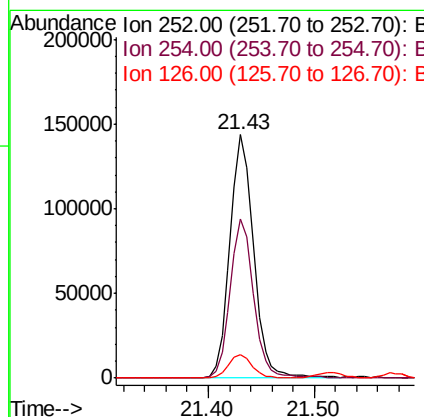
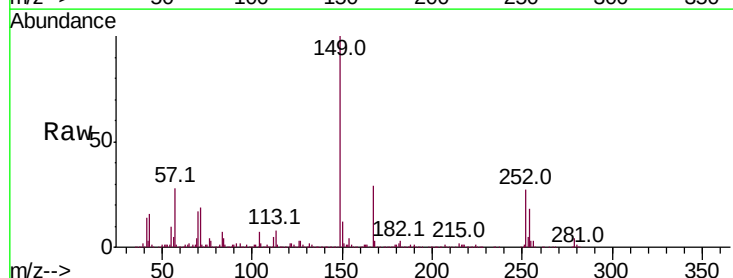
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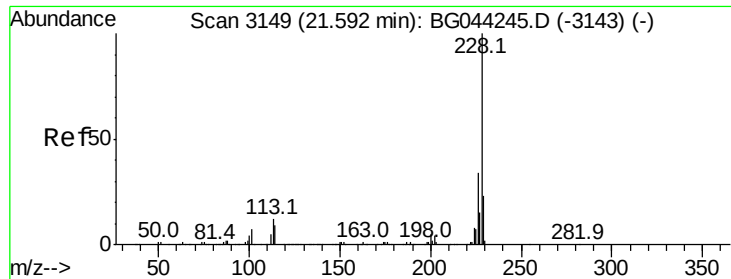
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#82
3,3'-Dichlorobenzidine
Concen: 20.665 ng
RT: 21.43 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.6	78.8
126	9.7	8.2	12.4





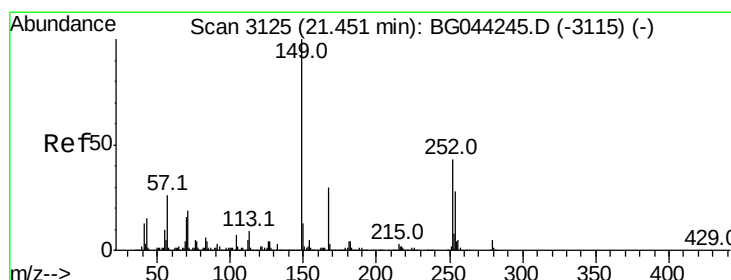
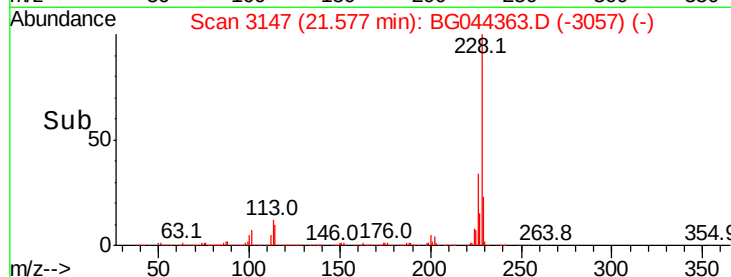
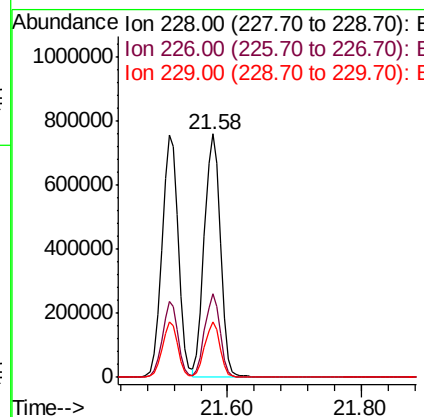
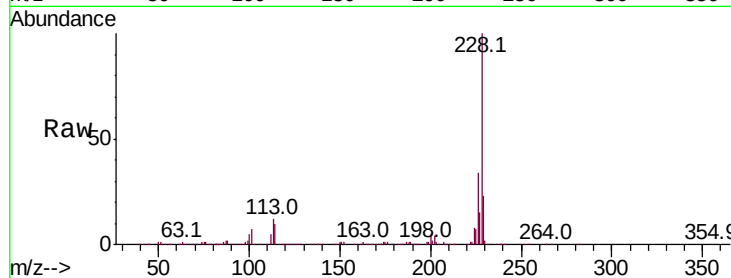
#83
Chrysene
Concen: 46.060 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion:228 Resp: 1242228
Ion Ratio Lower Upper
228 100
226 34.3 27.1 40.7
229 22.9 17.9 26.9

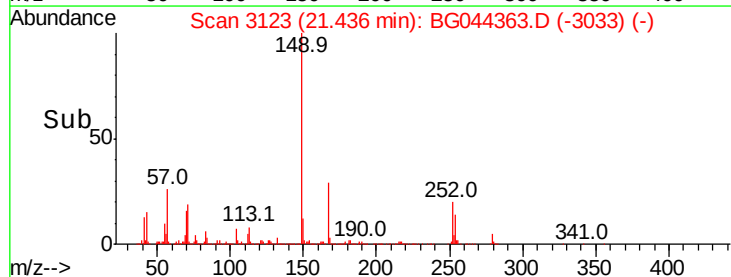
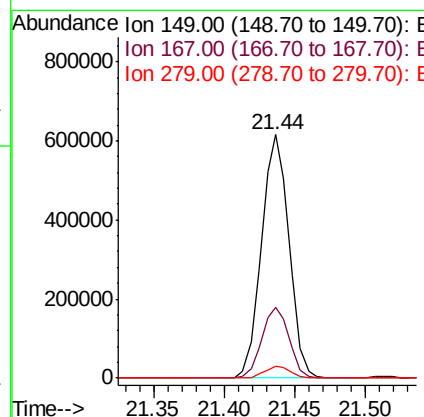
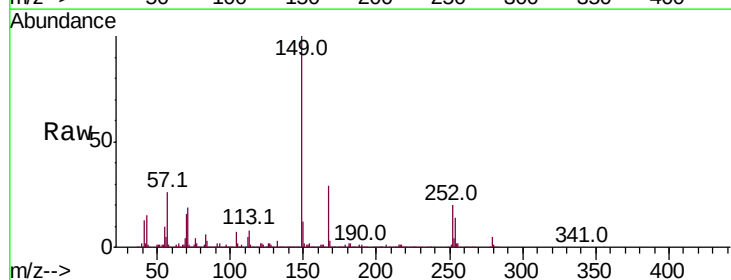
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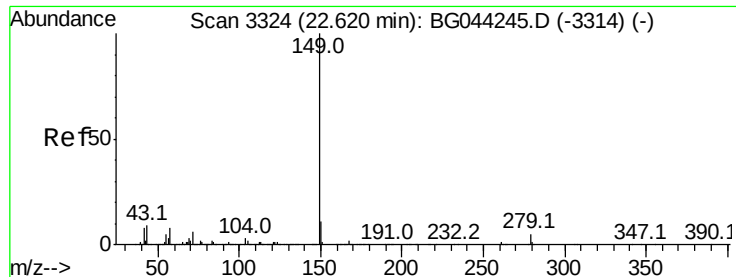
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.310 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion:149 Resp: 844545
Ion Ratio Lower Upper
149 100
167 29.3 24.0 36.0
279 4.8 3.8 5.8





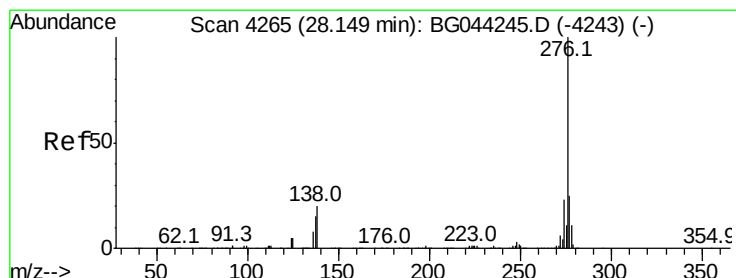
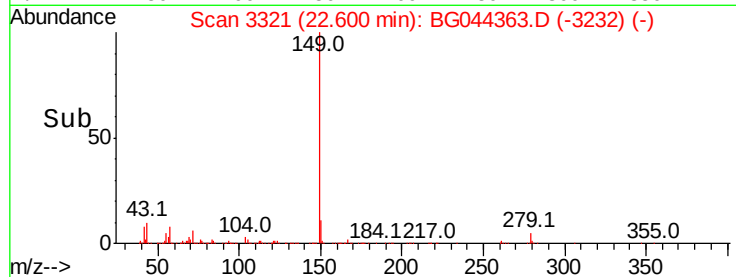
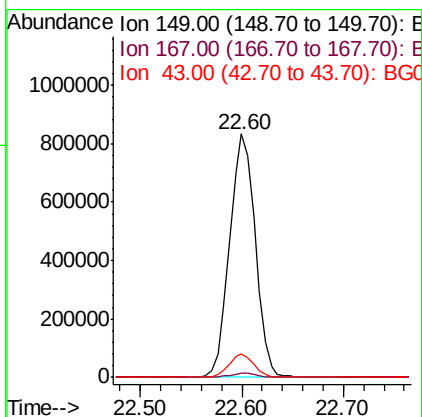
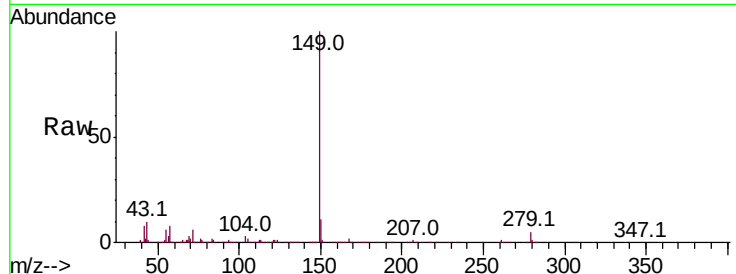
#85
Di-n-octyl phthalate
Concen: 46.215 ng
RT: 22.60 min Scan# 3321
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	9.1	7.4	11.0

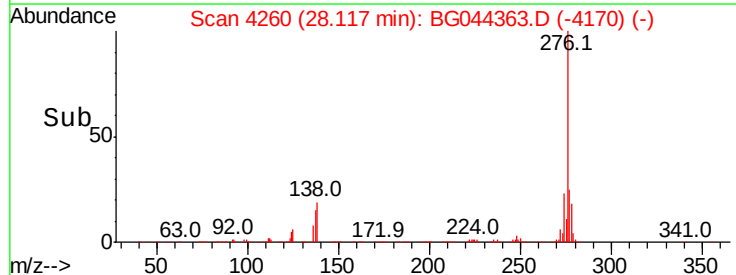
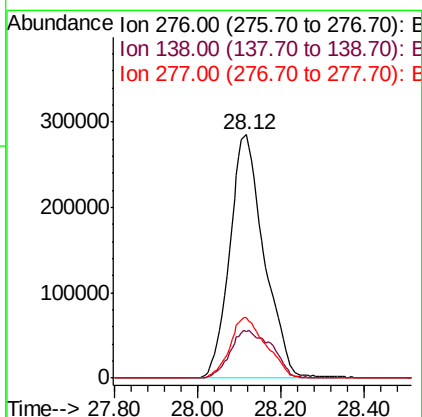
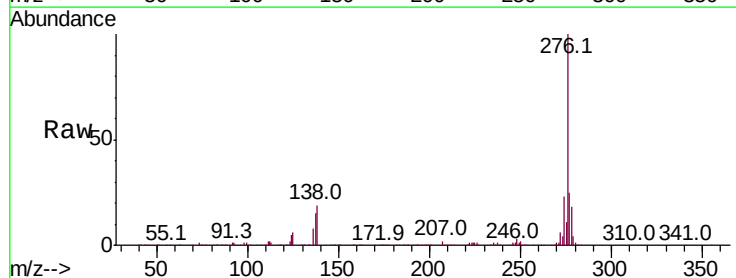
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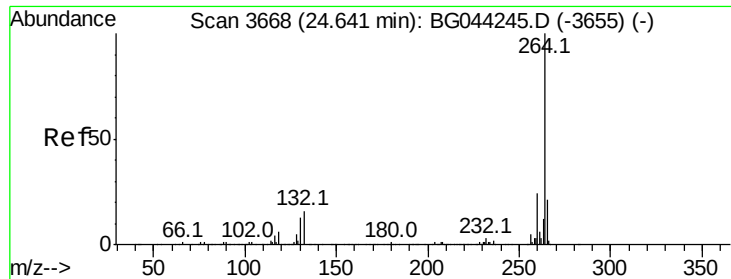
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 46.455 ng
RT: 28.12 min Scan# 4260
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.8	19.4	29.0
277	26.2	21.0	31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.61 min Scan# 3664

Delta R.T. -0.01 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Instrument :

BNA_G

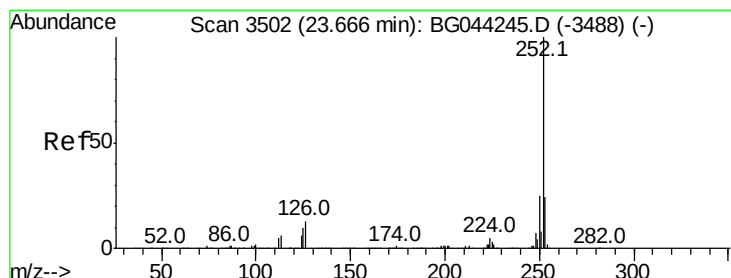
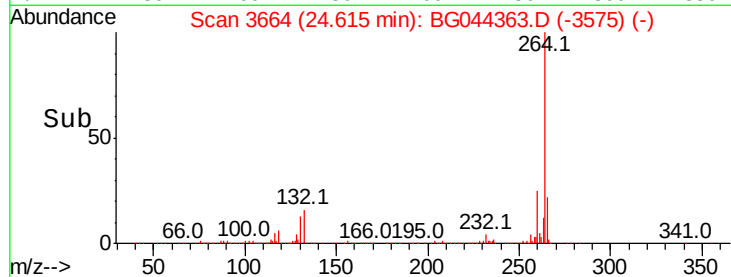
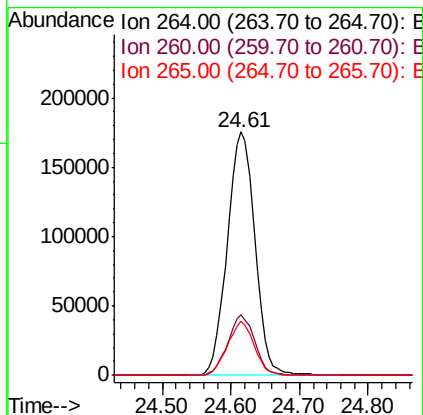
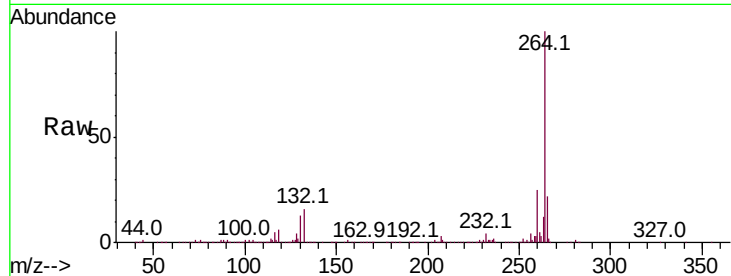
ClientSampleId :

PE-1-(BASE)MS

Tot Ion:	264	Resp:	490142
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.4	29.2
265	22.2	16.7	25.1

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#88

Benzo(b)fluoranthene

Concen: 49.252 ng

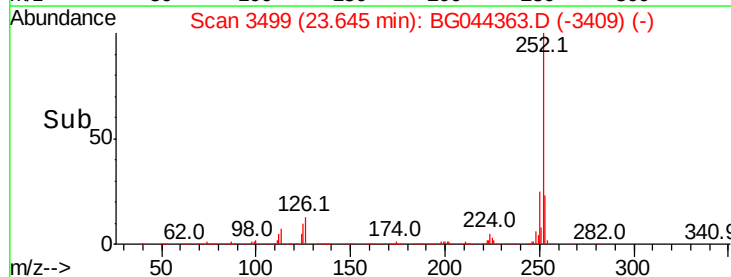
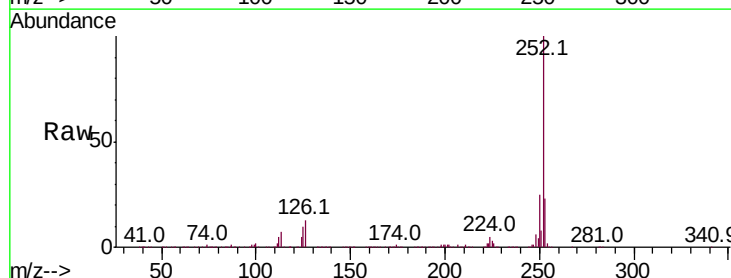
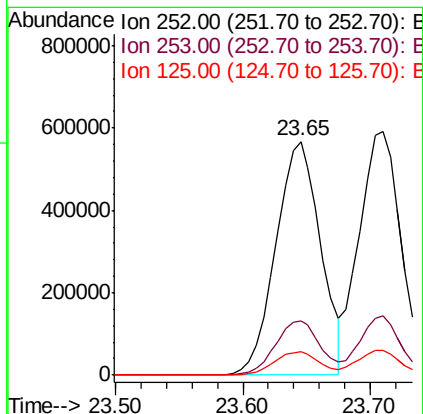
RT: 23.65 min Scan# 3499

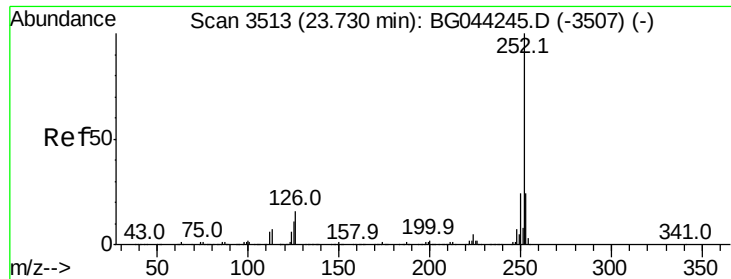
Delta R.T. -0.00 min

Lab File: BG044363.D

Acq: 10 Feb 2020 19:19

Tgt Ion:	252	Resp:	1391057
Ion Ratio	Lower	Upper	
252	100		
253	23.4	19.2	28.8
125	9.9	8.4	12.6





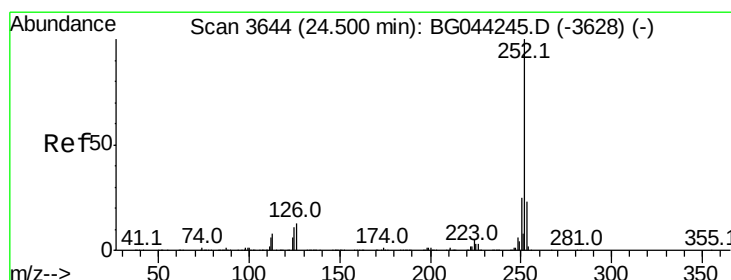
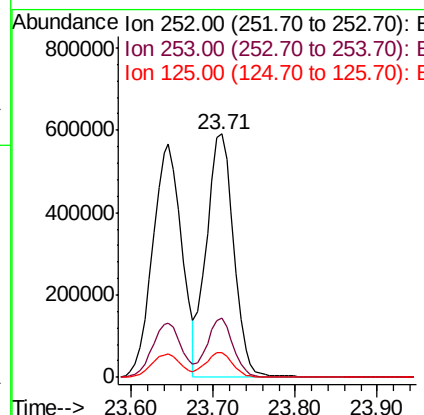
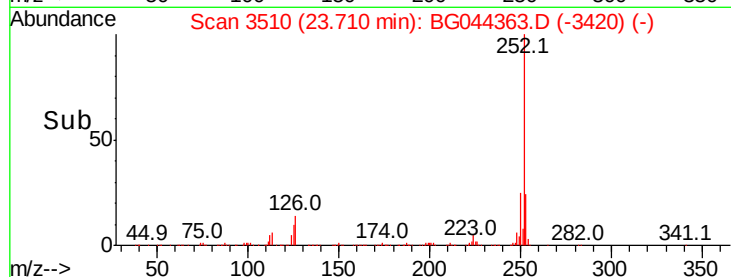
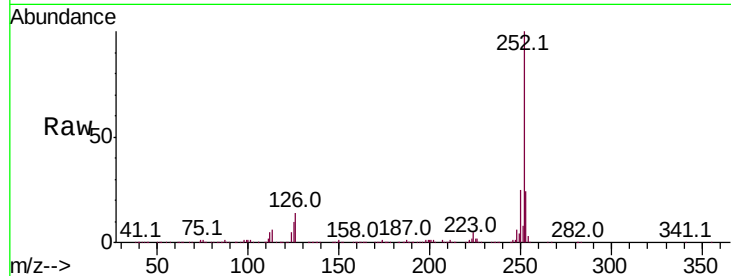
#89
Benzo(k)fluoranthene
Concen: 49.747 ng
RT: 23.71 min Scan# 3510
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.1	28.7
125	10.3	8.6	12.8

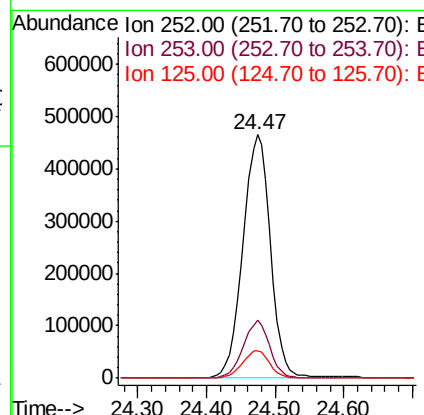
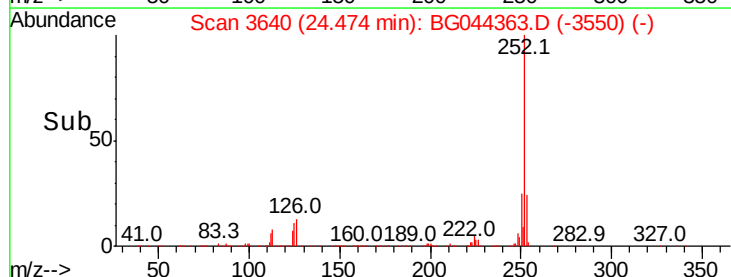
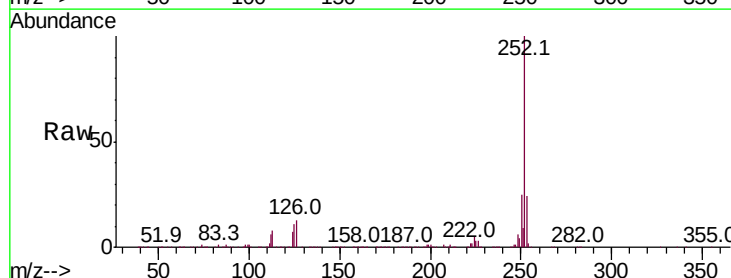
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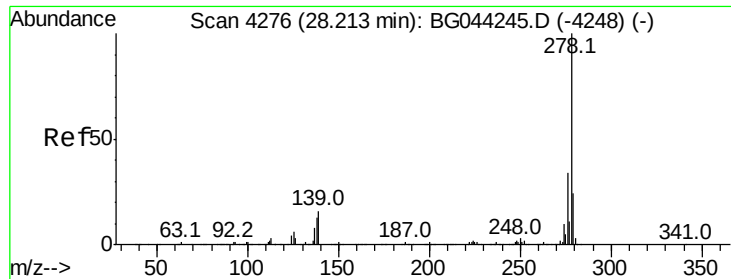
mohammad
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#90
Benzo(a)pyrene
Concen: 48.558 ng
RT: 24.47 min Scan# 3640
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.1	27.1
125	11.3	8.6	13.0





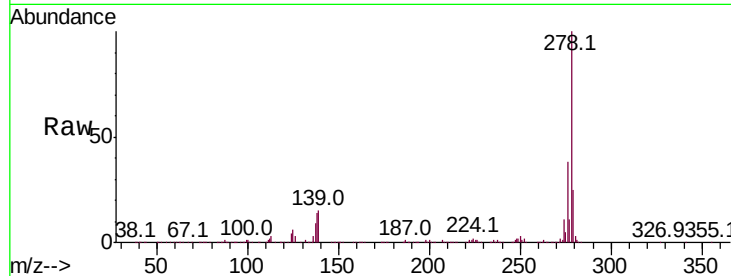
#91
Dibenzo(a,h)anthracene
Concen: 50.844 ng
RT: 28.17 min Scan# 4269
Delta R.T. -0.01 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Instrument :
BNA_G
ClientSampleId :
PE-1-(BASE)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.7	19.1
279	25.1	19.3	28.9

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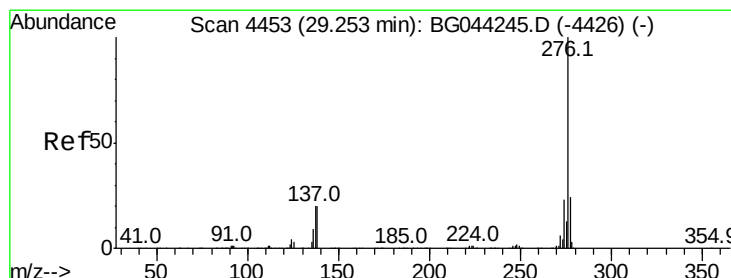
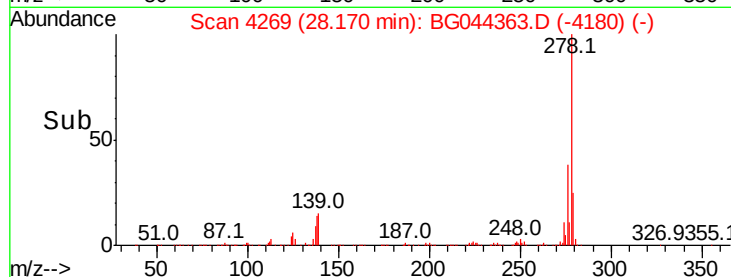
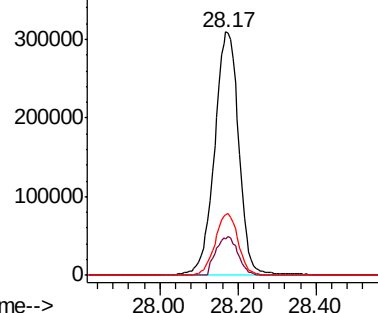


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.748 ng
RT: 29.20 min Scan# 4445
Delta R.T. -0.00 min
Lab File: BG044363.D
Acq: 10 Feb 2020 19:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	20.3	16.2	24.2

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

