

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020720\
 Data File : BG044341.D
 Acq On : 7 Feb 2020 17:37
 Operator : CG/JU
 Sample : L1408-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Manual Integrations
 APPROVED

mohammad
 2/11/2020 8:26:00 AM

Quant Time: Feb 08 02:56:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	94248	20.00	ng	0.00
21) Naphthalene-d8	10.71	136	397340	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	254700	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	535854	20.00	ng	0.00
76) Chrysene-d12	21.54	240	458936	20.00	ng	0.00
87) Perylene-d12	24.63	264	531229	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	647868	121.32	ng	0.00
7) Phenol-d6	7.09	99	855022	119.23	ng	0.00
23) Nitrobenzene-d5	9.07	82	511709	72.71	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	325933	109.01	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1121543	73.74	ng	0.00
79) Terphenyl-d14	19.91	244	1557353	69.80	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.38	88	86363	35.994 ng	99
3) Pyridine	3.77	79	209486	32.771 ng	97
4) n-Nitrosodimethylamine	3.69	42	105809	39.611 ng	99
6) Aniline	7.24	93	148990	16.738 ng	99
8) 2-Chlorophenol	7.48	128	271003	46.174 ng	99
9) Benzaldehyde	7.05	77	120019	29.386 ng	100
10) Phenol	7.12	94	337182	47.510 ng	99
11) bis(2-Chloroethyl)ether	7.33	93	244587	40.311 ng	98
12) 1,3-Dichlorobenzene	7.80	146	276430	39.447 ng	99
13) 1,4-Dichlorobenzene	7.95	146	275358	39.674 ng	99
14) 1,2-Dichlorobenzene	8.27	146	262532	40.019 ng	99
15) Benzyl Alcohol	8.15	79	213791	42.109 ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	316741	38.569 ng	99
17) 2-Methylphenol	8.36	107	224735	44.382 ng	96
18) Hexachloroethane	9.00	117	101513	38.977 ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	189537	39.658 ng	99
20) 3+4-Methylphenols	8.69	107	308773	44.246 ng	99
22) Acetophenone	8.73	105	359910	37.234 ng	99
24) Nitrobenzene	9.11	77	270006	39.297 ng	100
25) Isophorone	9.64	82	517577	39.456 ng	100
26) 2-Nitrophenol	9.82	139	150961	42.343 ng	99
27) 2,4-Dimethylphenol	9.89	122	246239	48.928 ng	98
28) bis(2-Chloroethoxy)methane	10.12	93	333273	38.084 ng	99
29) 2,4-Dichlorophenol	10.36	162	257806	42.365 ng	99
30) 1,2,4-Trichlorobenzene	10.58	180	266409	38.180 ng	99
31) Naphthalene	10.76	128	774107	40.155 ng	99
32) Benzoic acid	10.05	122	110790	37.725 ng	97
33) 4-Chloroaniline	10.87	127	61527	7.018 ng	96
34) Hexachlorobutadiene	11.06	225	156784	36.516 ng	99
35) Caprolactam	11.63	113	91766m	41.166 ng	
36) 4-Chloro-3-methylphenol	12.00	107	264957	41.528 ng	98
37) 2-Methylnaphthalene	12.37	142	566660	39.590 ng	99
38) 1-Methylnaphthalene	12.59	142	543305	40.262 ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	284282	37.313 ng	99

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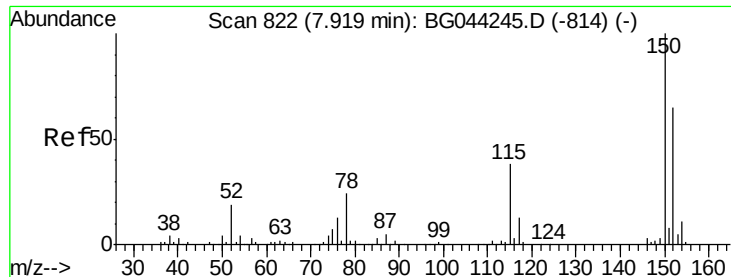
Manual Integrations
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Quant Time: Feb 08 02:56:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	331281	90.618	nq	98
43) 2,4,6-Trichlorophenol	12.99	196	202707	41.162	nq	99
44) 2,4,5-Trichlorophenol	13.06	196	215281	42.799	nq	97
46) 1,1'-Biphenyl	13.38	154	715363	38.938	nq	98
47) 2-Chloronaphthalene	13.43	162	561176	38.386	nq	100
48) 2-Nitroaniline	13.62	65	158121	36.649	nq	98
49) Acenaphthylene	14.27	152	882241	41.144	nq	100
50) Dimethylphthalate	14.01	163	781379	42.678	nq	100
51) 2,6-Dinitrotoluene	14.12	165	161202	39.489	nq	99
52) Acenaphthene	14.61	154	545320	39.236	nq	99
53) 3-Nitroaniline	14.45	138	56316	12.469	nq	99
54) 2,4-Dinitrophenol	14.66	184	187940	77.917	nq	98
55) Dibenzofuran	14.95	168	837020	39.777	nq	99
56) 4-Nitrophenol	14.77	139	292328	88.364	nq	100
57) 2,4-Dinitrotoluene	14.91	165	219456	38.356	nq	96
58) Fluorene	15.60	166	652253	39.354	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	189974	41.813	nq	99
60) Diethylphthalate	15.37	149	699533	38.345	nq	99
61) 4-Chlorophenyl-phenylether	15.59	204	346722	38.582	nq	98
62) 4-Nitroaniline	15.61	138	149636	33.158	nq	96
63) Azobenzene	15.88	77	621735	38.886	nq	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	136018	45.985	nq	99
66) n-Nitrosodiphenylamine	15.81	169	608380	40.513	nq	99
67) 4-Bromophenyl-phenylether	16.49	248	226442	38.787	nq	97
68) Hexachlorobenzene	16.61	284	247709	37.873	nq	100
69) Atrazine	16.76	200	231299	44.938	nq	98
70) Pentachlorophenol	16.95	266	278587	84.063	nq	98
71) Phenanthrene	17.34	178	1132907	43.661	nq	99
72) Anthracene	17.43	178	1103159	43.002	nq	99
73) Carbazole	17.69	167	950089	40.173	nq	100
74) Di-n-butylphthalate	18.26	149	1173969	40.170	nq	100
75) Fluoranthene	19.35	202	1494327	49.783	nq	98
77) Benzidine	19.52	184	230920	18.140	nq	99
78) Pyrene	19.71	202	1496895	50.789	nq	98
80) Butylbenzylphthalate	20.60	149	531397	39.564	nq	99
81) Benzo(a)anthracene	21.52	228	1332303	47.103	nq	99
82) 3,3'-Dichlorobenzidine	21.44	252	180648	16.456	nq	99
83) Chrysene	21.59	228	1253849	45.862	nq	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	762524	41.247	nq	100
85) Di-n-octyl phthalate	22.61	149	1326992	41.486	nq	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1515610	42.491	nq	99
88) Benzo(b)fluoranthene	23.66	252	1400531	45.752	nq	100
89) Benzo(k)fluoranthene	23.73	252	1293973	43.371	nq	100
90) Benzo(a)pyrene	24.49	252	1281722	44.285	nq	98
91) Dibenzo(a,h)anthracene	28.20	278	1182349	41.278	nq	98
92) Benzo(g,h,i)perylene	29.24	276	1288563	44.938	nq	99

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



#1

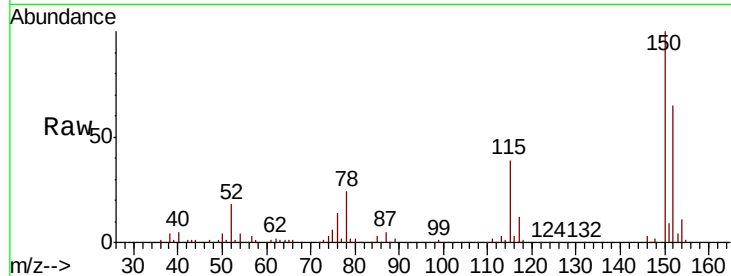
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.6	183.8
115	60.6	46.0	69.0

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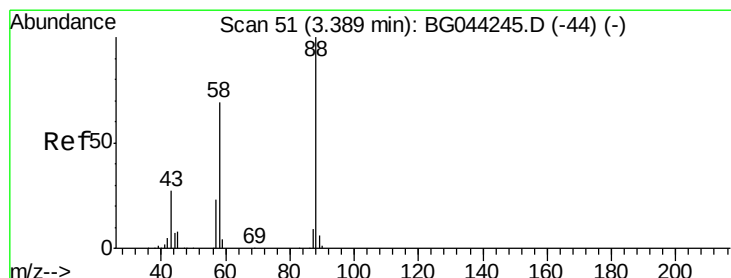
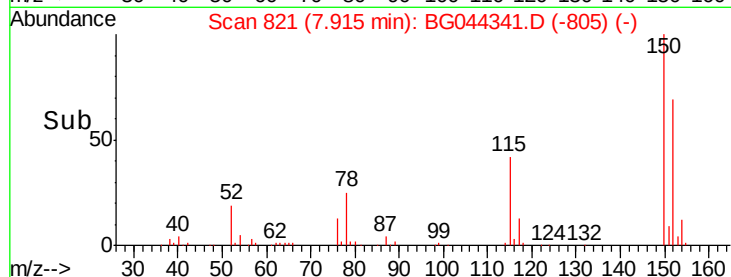
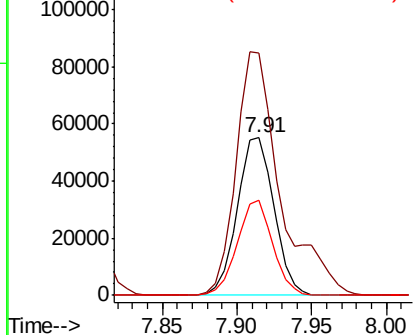


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

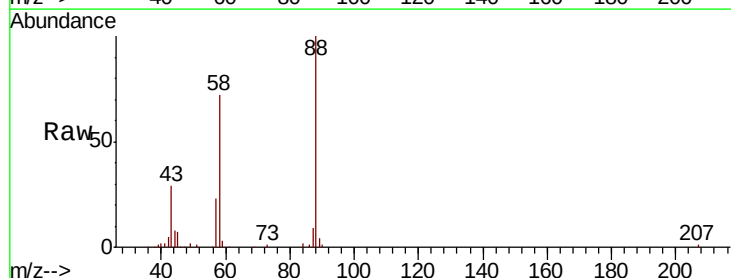
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.994 ng
RT: 3.38 min Scan# 49
Delta R.T. -0.01 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.9	55.8	83.6
43	28.0	21.6	32.4

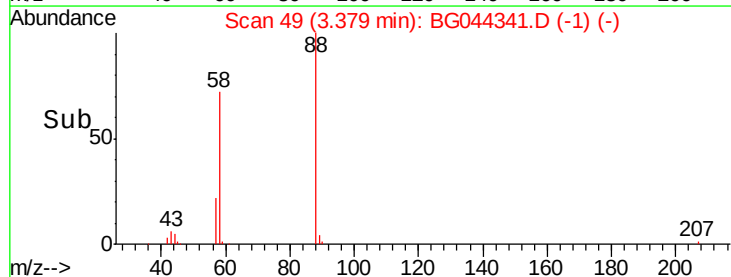
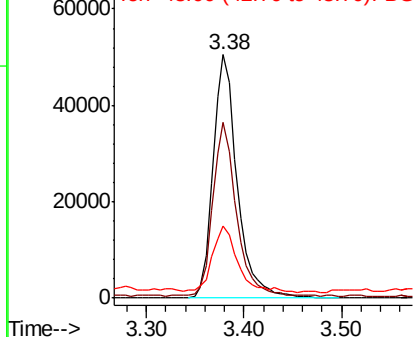


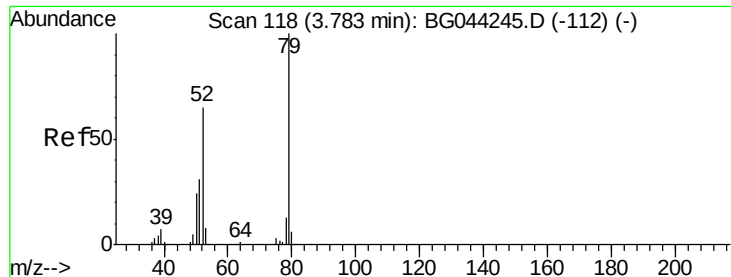
Abundance

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: 32.771 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

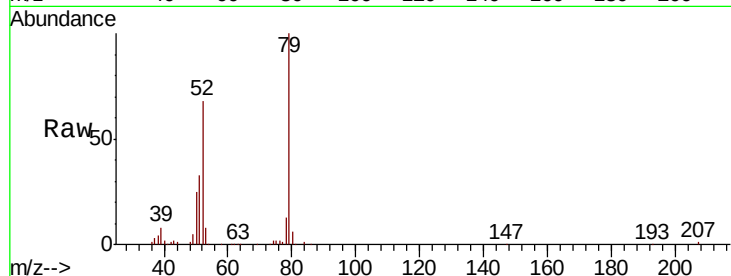
ClientSampleId :

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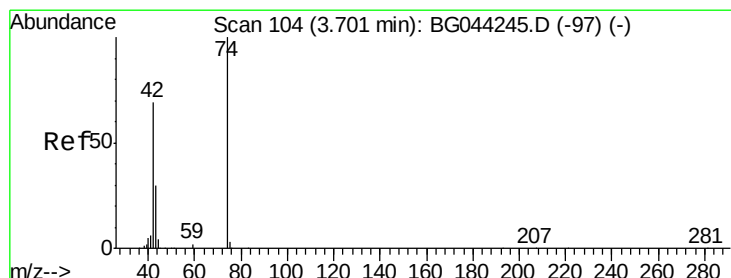
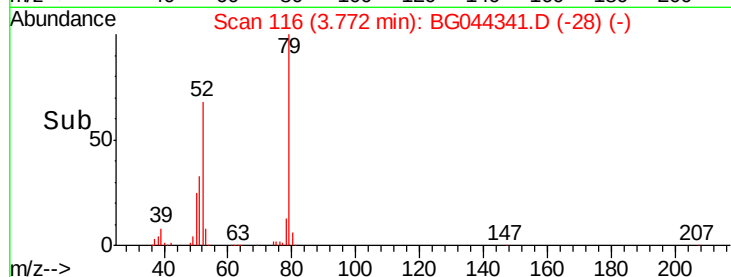
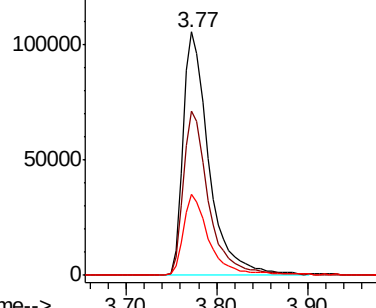
Tot Ion:	79	Resp:	209486
Ion	Ratio	Lower	Upper
79	100		
52	67.7	51.9	77.9
51	33.2	25.3	37.9

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Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 39.611 ng

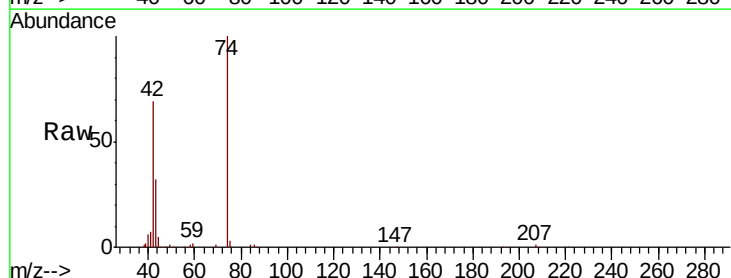
RT: 3.69 min Scan# 102

Delta R.T. -0.01 min

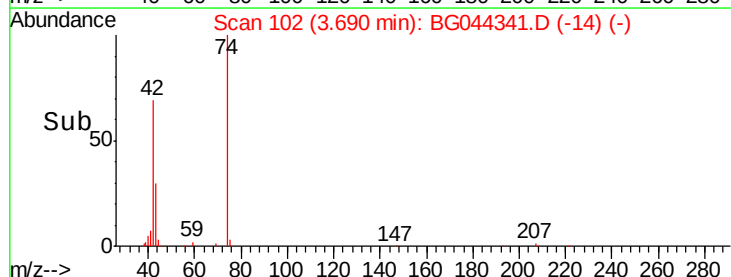
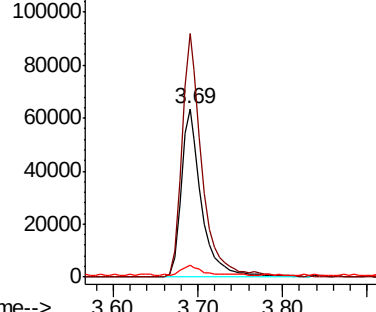
Lab File: BG044341.D

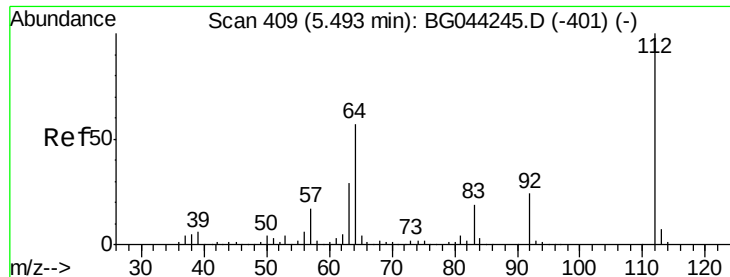
Acq: 7 Feb 2020 17:37

Tgt Ion:	42	Resp:	105809
Ion	Ratio	Lower	Upper
42	100		
74	144.5	115.1	172.7
44	7.1	5.6	8.4



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 121.317 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

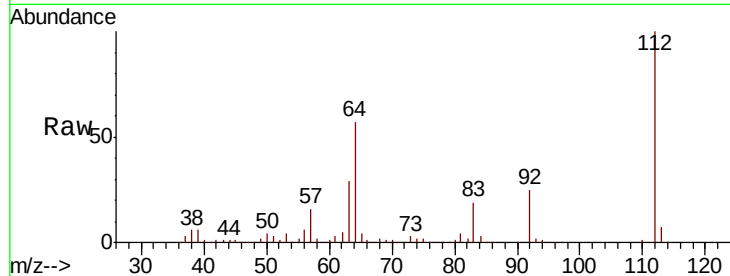
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

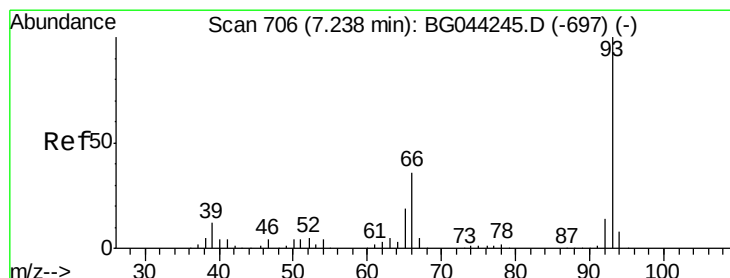
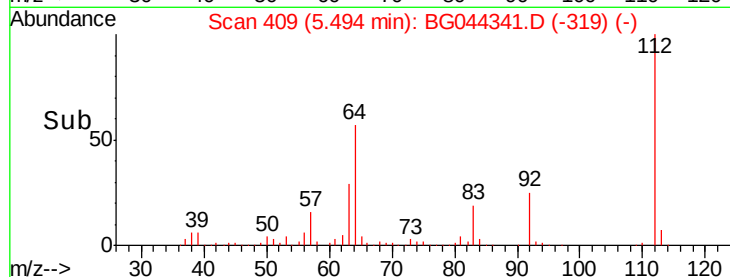
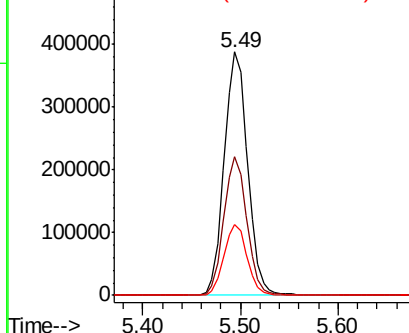
Tot Ion:	112	Resp:	647868
Ion Ratio	Lower	Upper	
112	100		
64	56.7	45.4	68.2
63	29.1	22.9	34.3

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



#6

Aniline

Concen: 16.738 ng

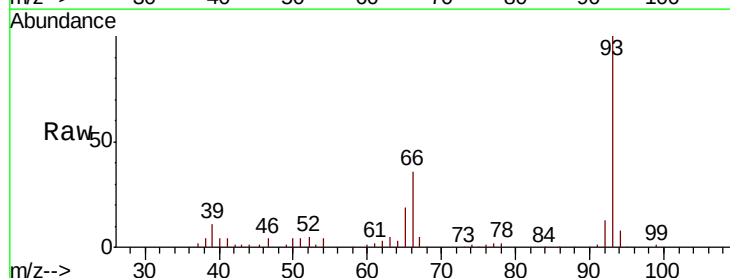
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

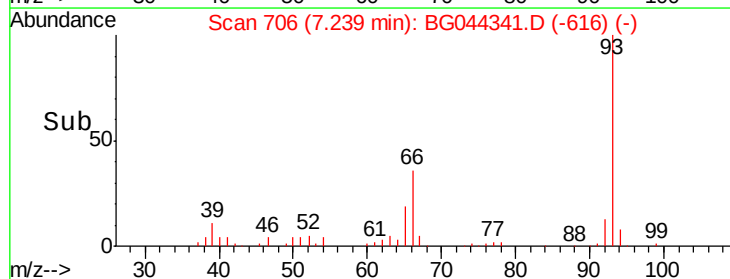
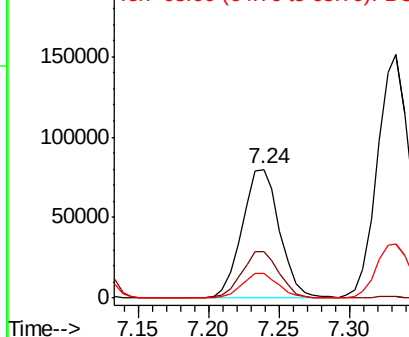
Lab File: BG044341.D

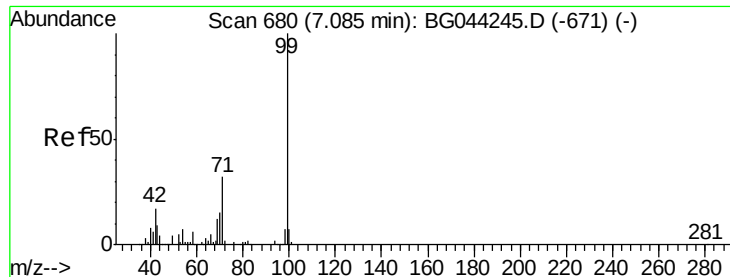
Acq: 7 Feb 2020 17:37

Tgt Ion:	93	Resp:	148990
Ion Ratio	Lower	Upper	
93	100		
66	36.4	28.7	43.1
65	19.5	15.4	23.0



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





#7

Phenol-d6

Concen: 119.229 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

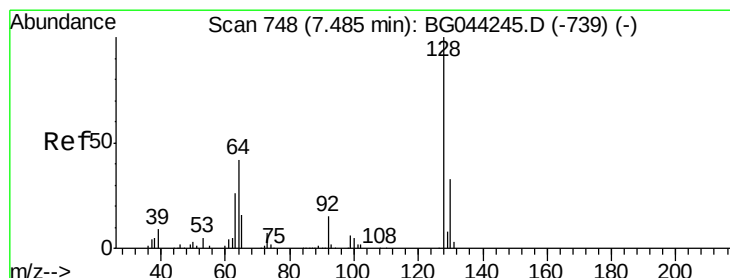
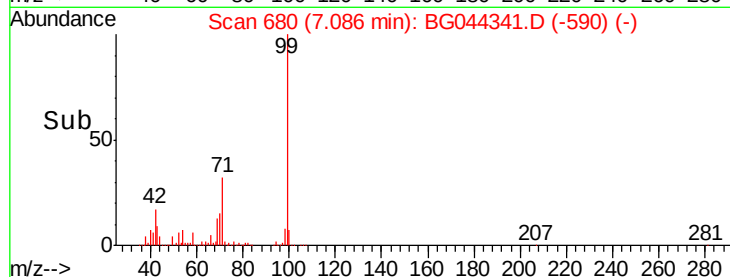
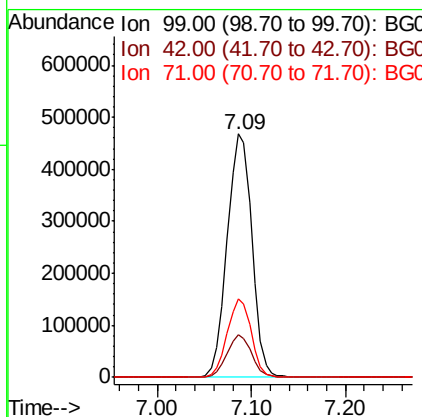
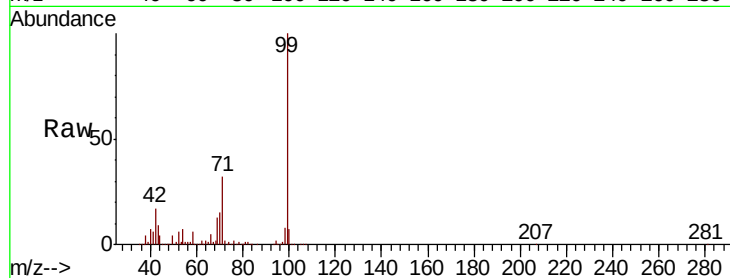
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion:	99	Resp:	855022
Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.8	20.6
71	32.3	25.5	38.3

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#8

2-Chlorophenol

Concen: 46.174 ng

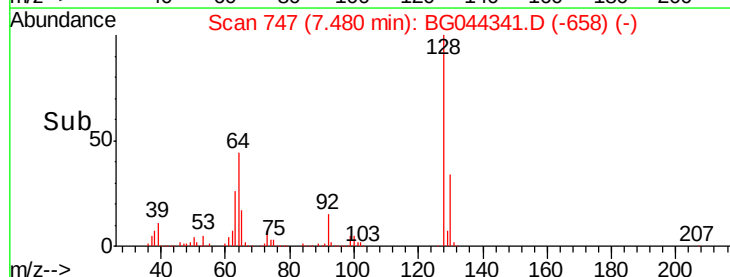
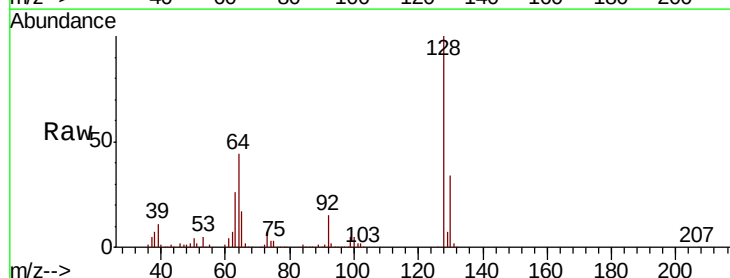
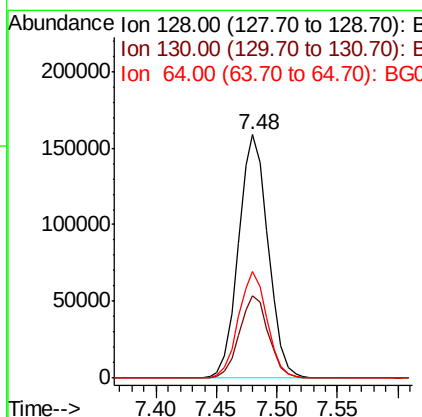
RT: 7.48 min Scan# 747

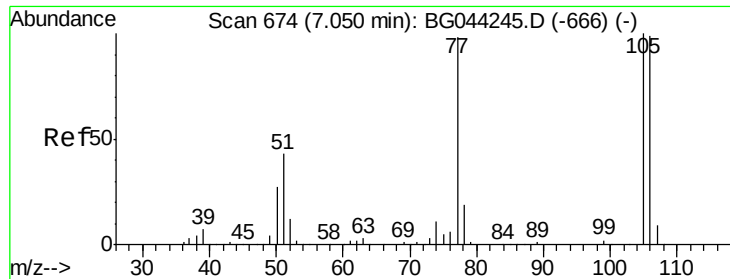
Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Tgt Ion:	128	Resp:	271003
Ion	Ratio	Lower	Upper
128	100		
130	33.9	12.5	52.5
64	44.0	24.2	64.2





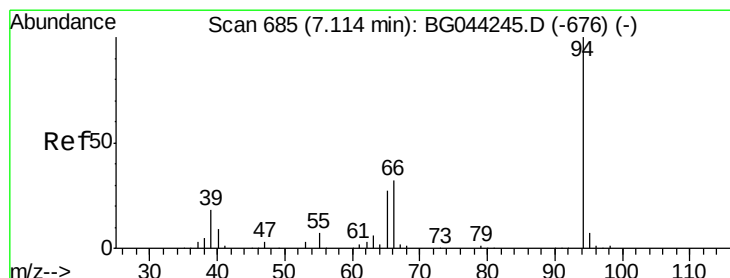
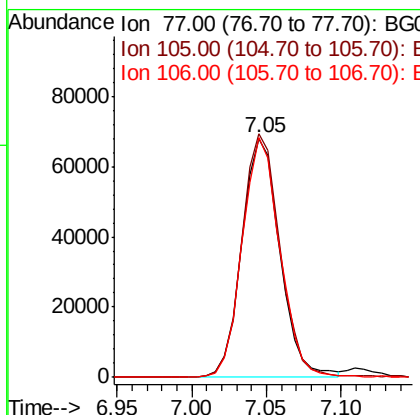
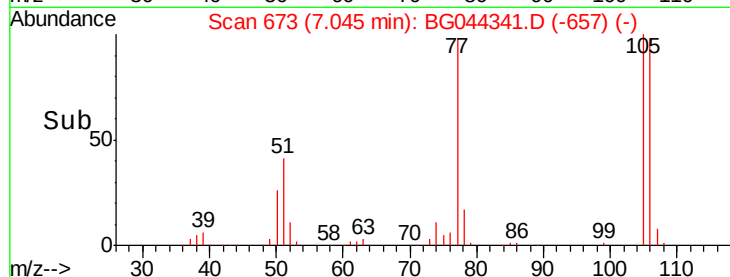
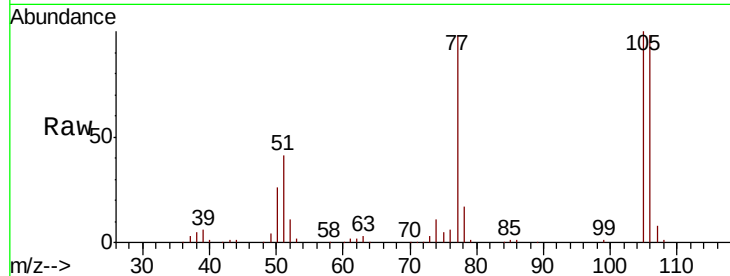
#9
Benzaldehyde
Concen: 29.386 ng
RT: 7.05 min Scan# 673
Delta R.T. -0.00 min
Lab File: BG044341.D
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Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
105	102.0	82.0	122.0	
106	100.2	80.7	120.7	

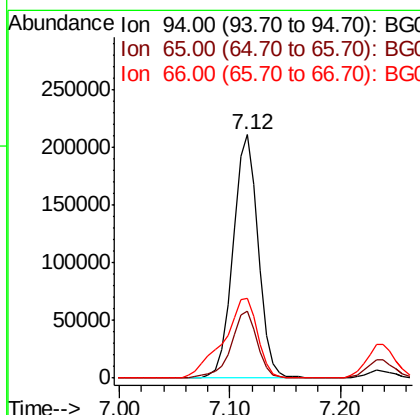
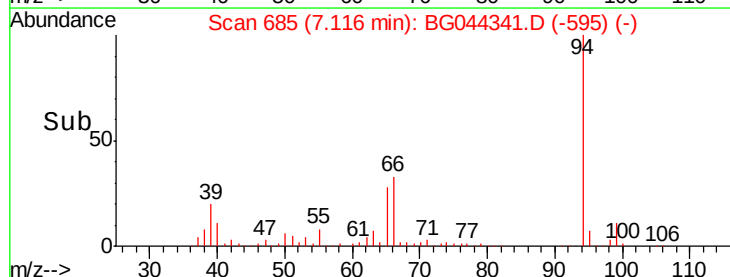
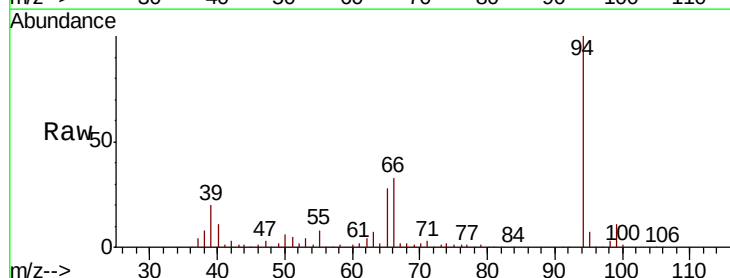
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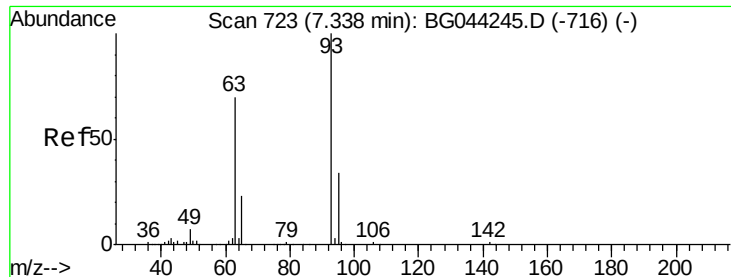
mohammad
2/11/2020 8:26:00 AM



#10
Phenol
Concen: 47.510 ng
RT: 7.12 min Scan# 685
Delta R.T. 0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
94	100			
65	27.8	7.0	47.0	
66	33.0	12.7	52.7	





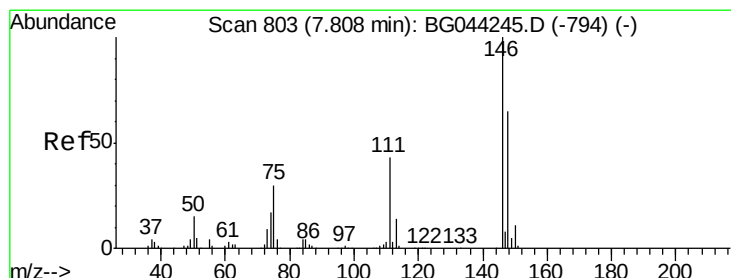
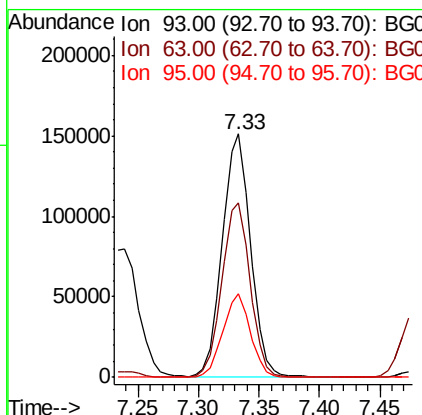
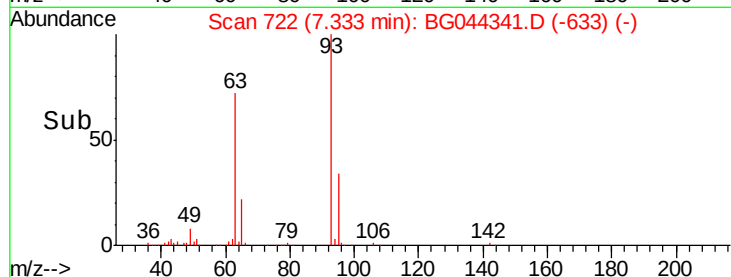
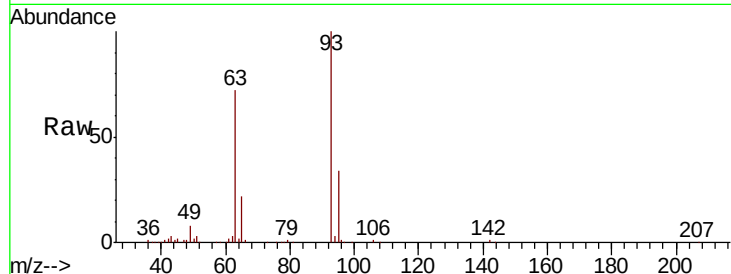
#11
bis(2-Chloroethyl)ether
Concen: 40.311 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion:	93	Resp:	244587
Ion	Ratio	Lower	Upper
93	100		
63	71.7	49.2	89.2
95	34.2	13.6	53.6

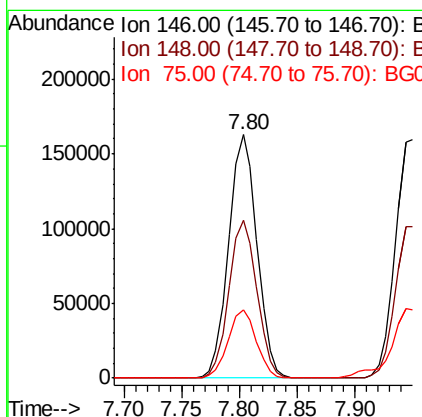
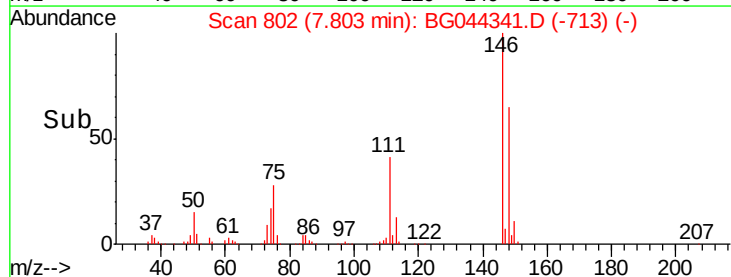
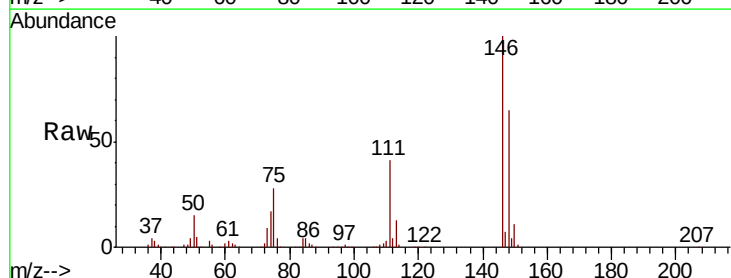
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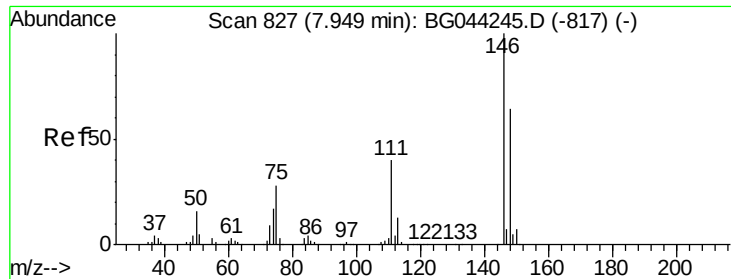
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.447 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion:	146	Resp:	276430
Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	27.8	23.7	35.5





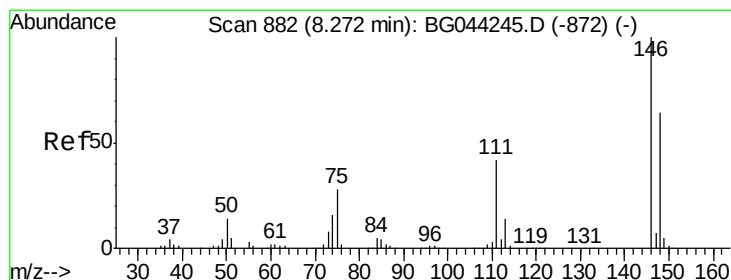
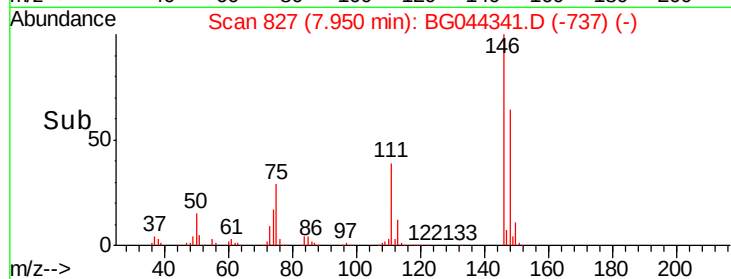
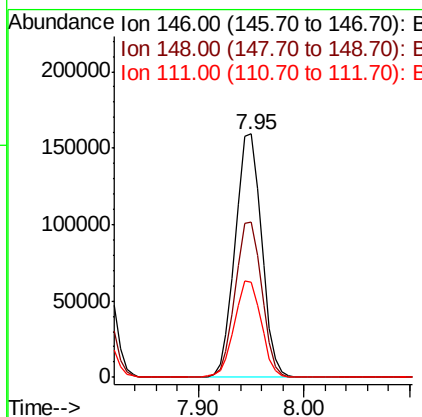
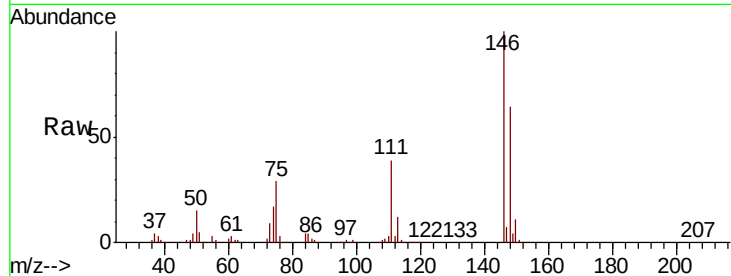
#13
 1,4-Dichlorobenzene
 Concen: 39.674 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.4	77.0
111	39.2	31.8	47.8

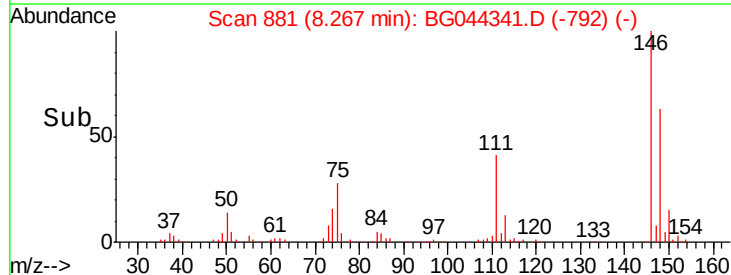
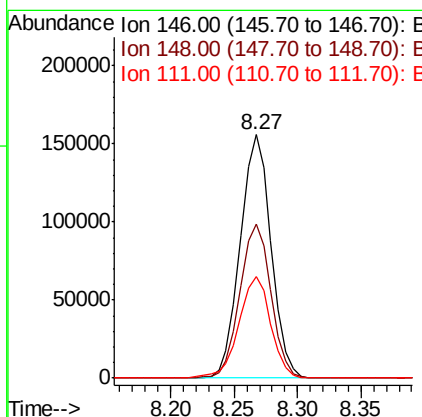
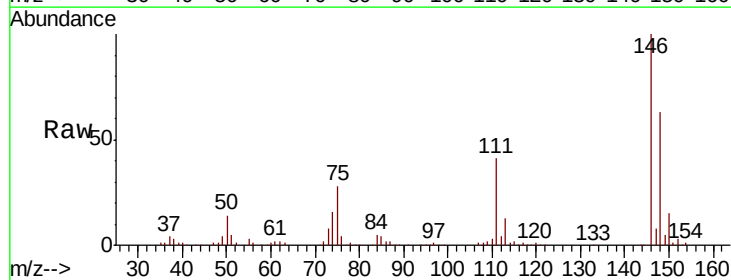
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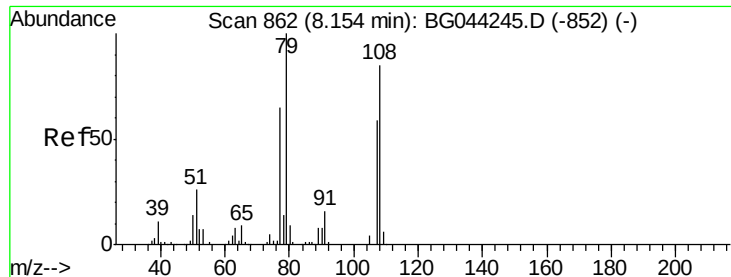
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#14
 1,2-Dichlorobenzene
 Concen: 40.019 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.2	76.8
111	41.5	34.0	51.0





#15

Benzyl Alcohol

Concen: 42.109 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

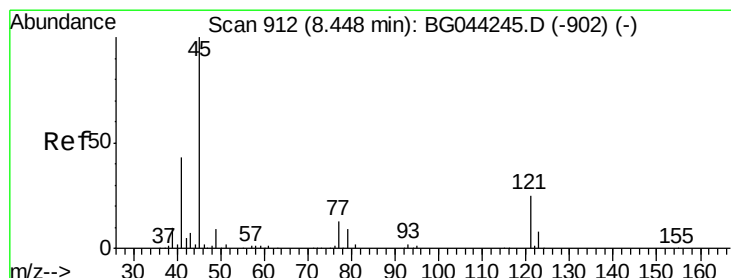
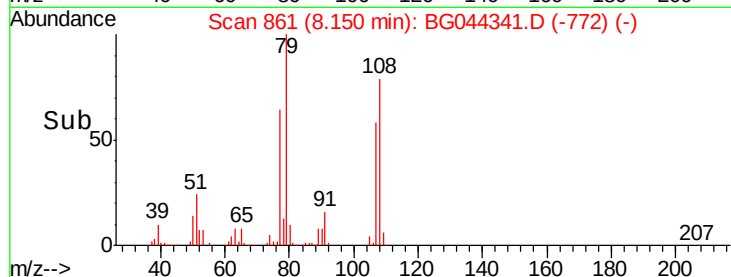
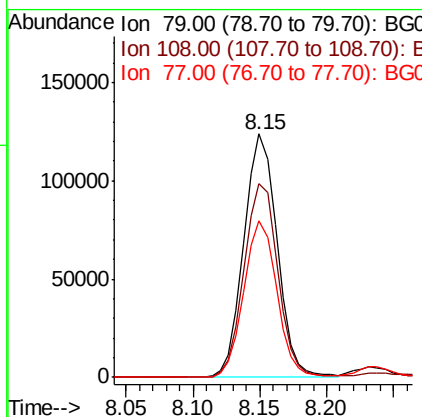
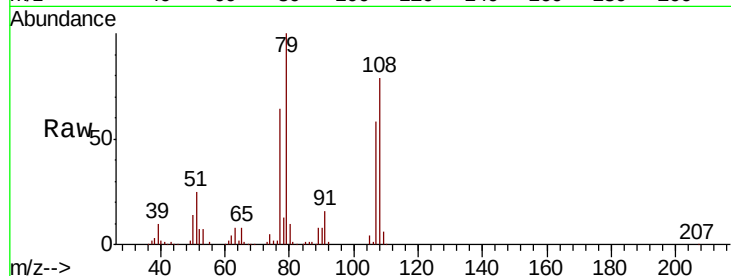
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.4	68.3	102.5
77	64.4	51.8	77.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 38.569 ng

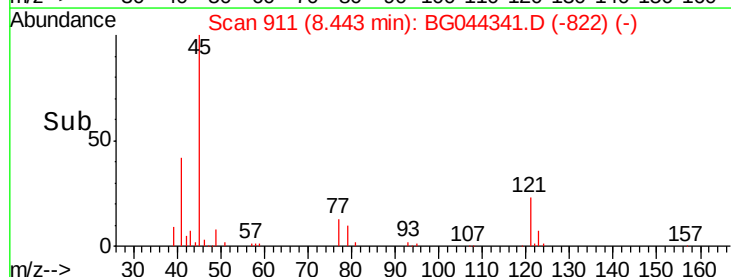
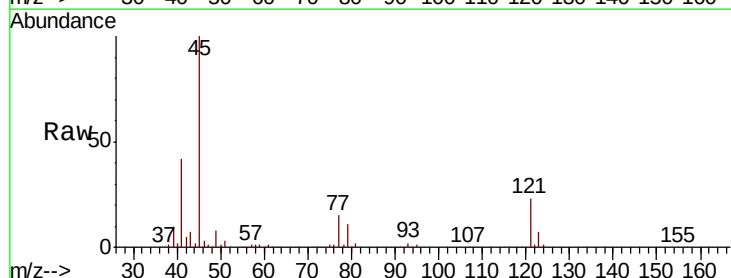
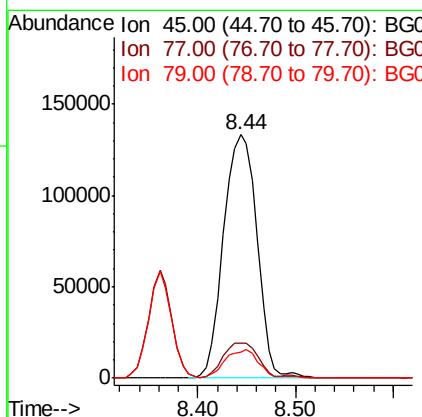
RT: 8.44 min Scan# 911

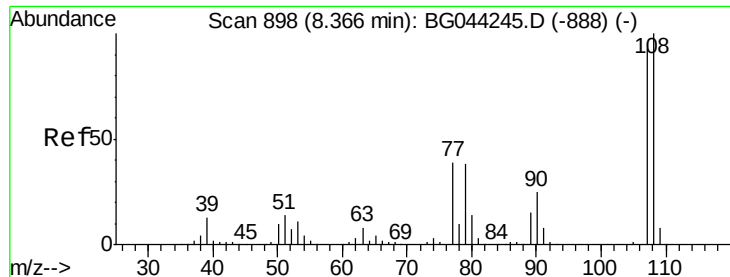
Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	35.2
79	10.8	0.0	31.1





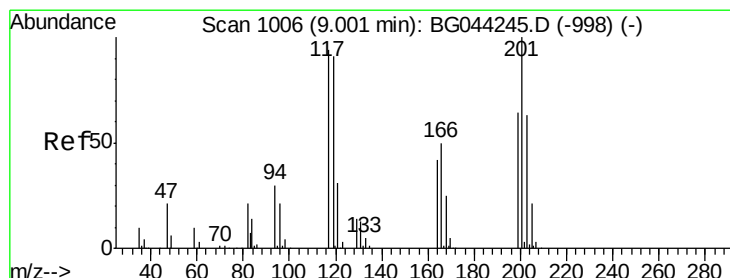
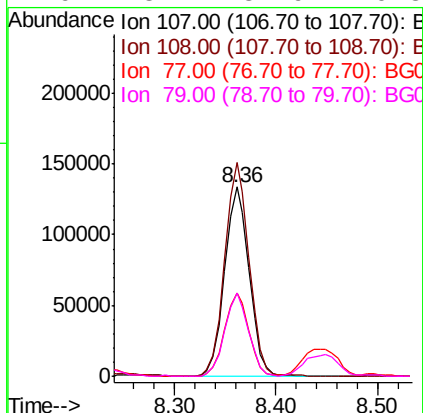
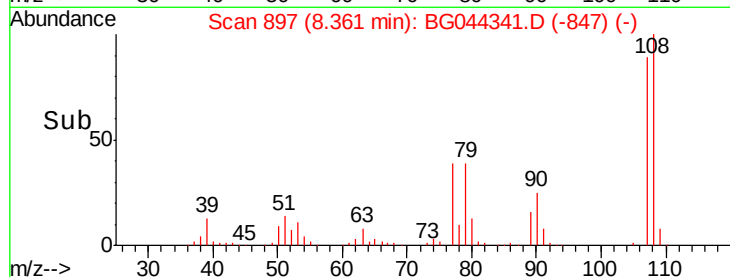
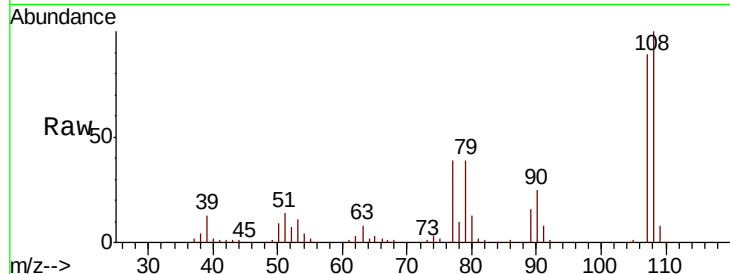
#17
2-Methylphenol
Concen: 44.382 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	86.4	129.6	
77	44.2	34.0	51.0	
79	43.7	32.9	49.3	

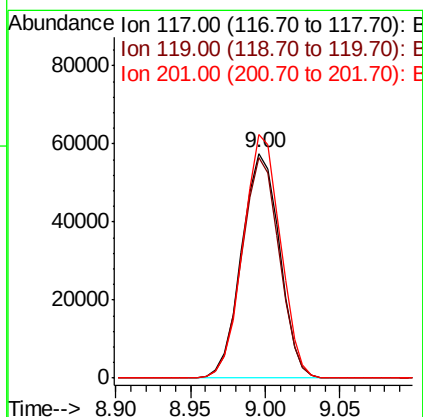
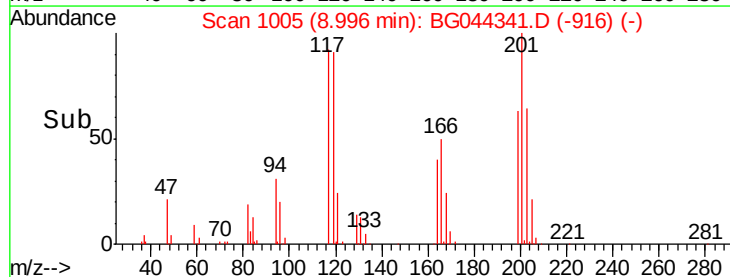
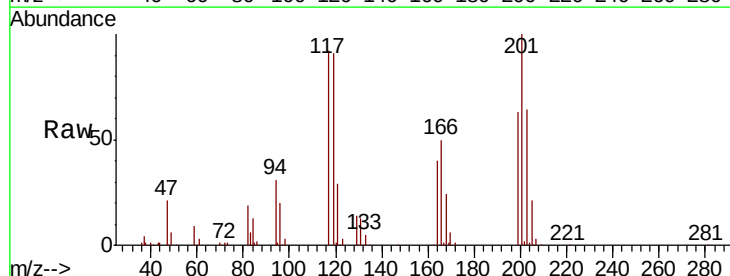
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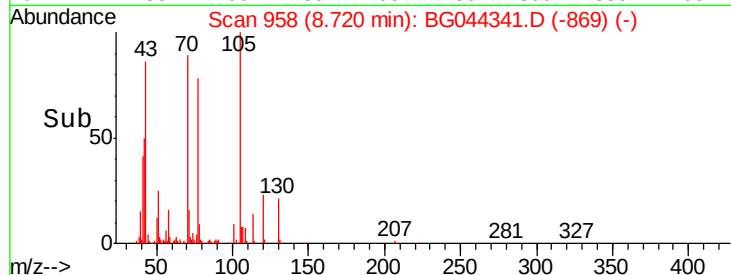
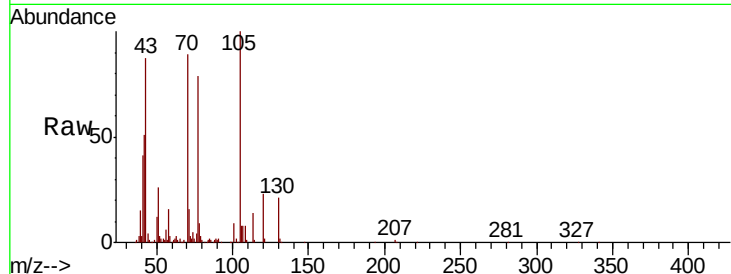
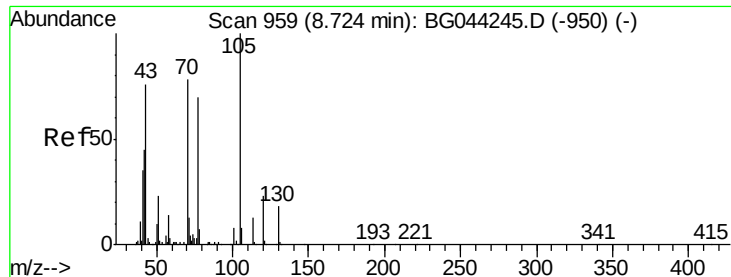
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#18
Hexachloroethane
Concen: 38.977 ng
RT: 9.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	77.5	116.3	
201	108.4	84.9	127.3	





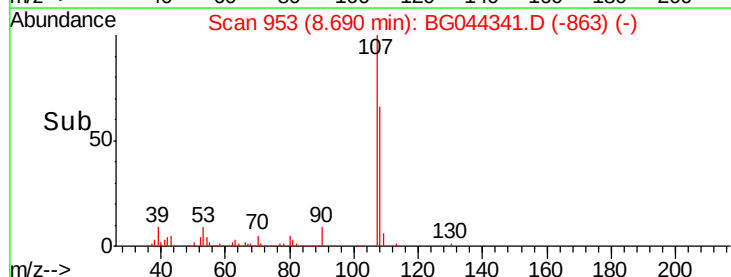
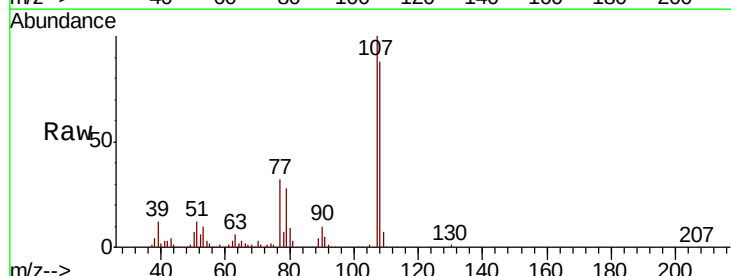
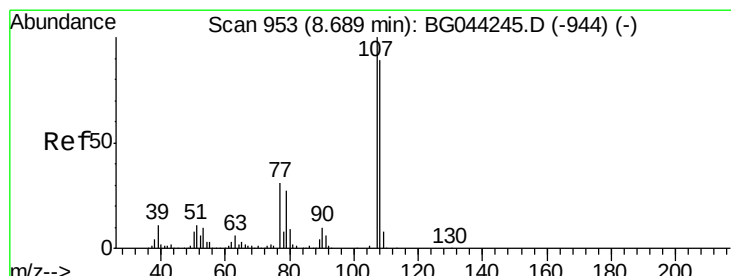
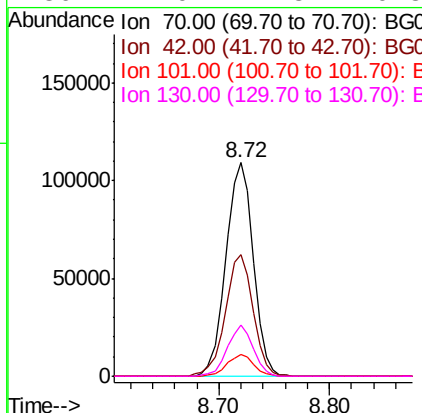
#19
n-Nitroso-di-n-propylamine
Concen: 39.658 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		189537		
42	57.1	46.2	69.2		
101	10.5	8.4	12.6		
130	24.0	17.8	26.8		

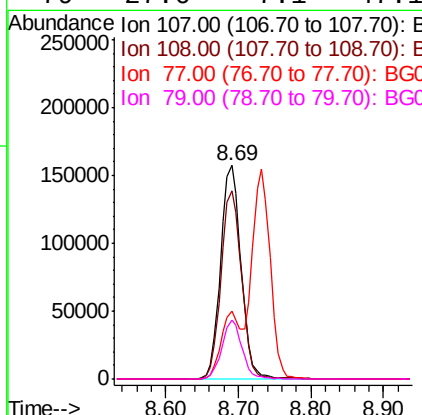
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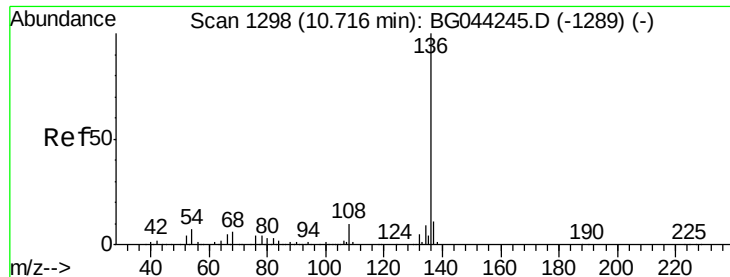
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#20
3+4-Methylphenols
Concen: 44.246 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		308773		
108	88.2	68.5	108.5		
77	31.7	10.9	50.9		
79	27.6	7.1	47.1		





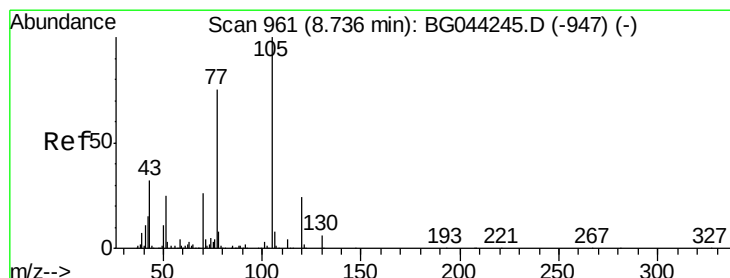
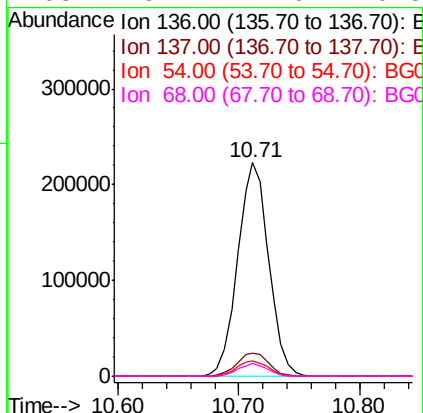
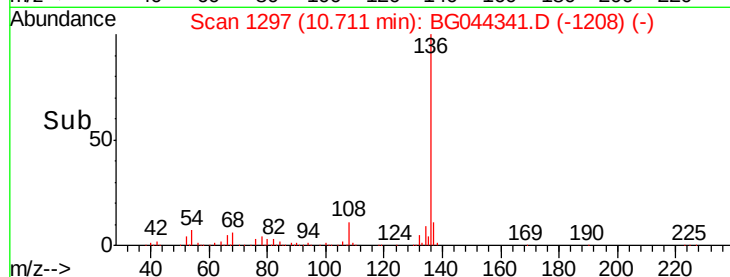
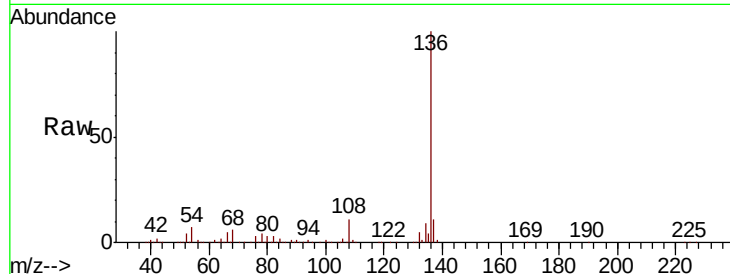
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	397340		
137	10.8		8.8	13.2
54	7.1		5.8	8.8
68	5.7		4.6	6.8

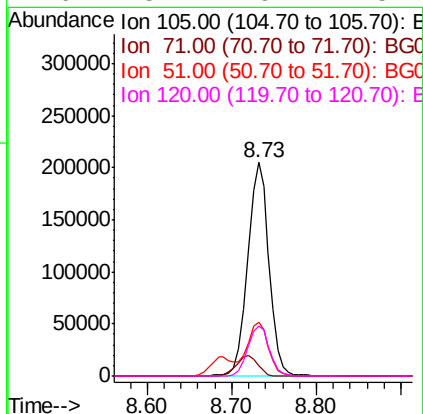
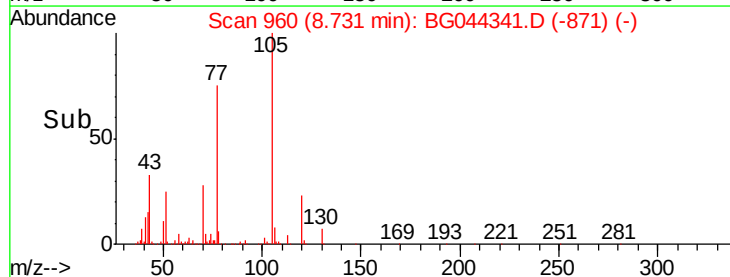
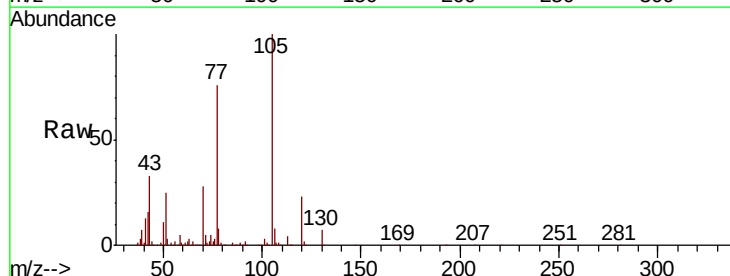
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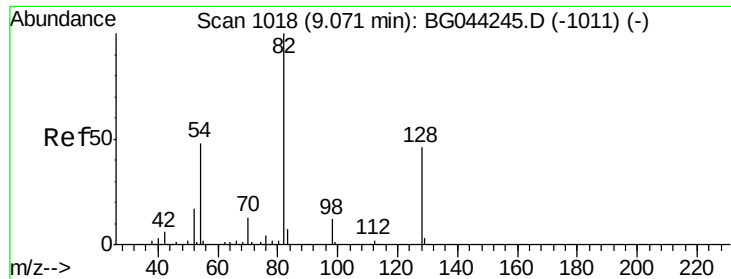
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#22
Acetophenone
Concen: 37.234 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	359910		
71	4.9		3.4	5.0
51	25.1		20.2	30.4
120	23.1		19.1	28.7





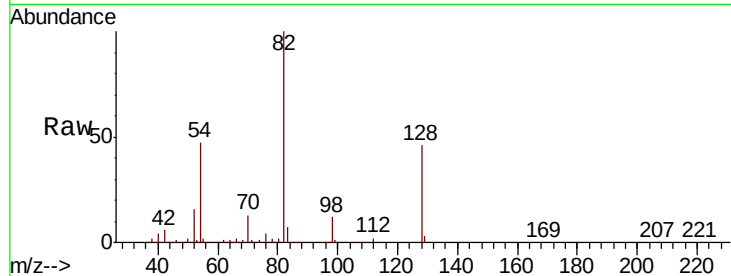
#23
 Nitrobenzene-d5
 Concen: 72.706 ng
 RT: 9.07 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

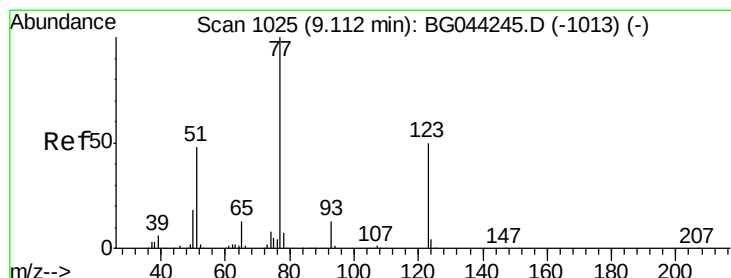
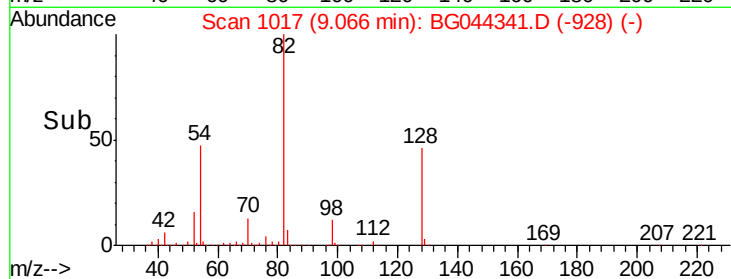
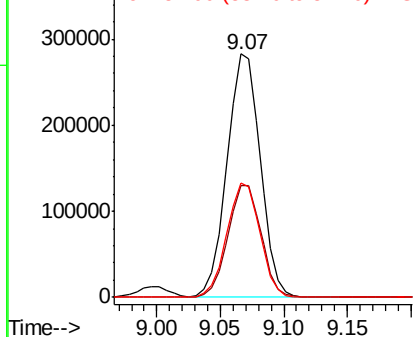
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.5	54.7
54	47.1	38.6	58.0

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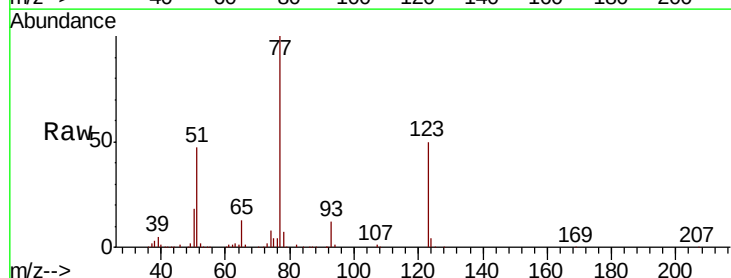


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

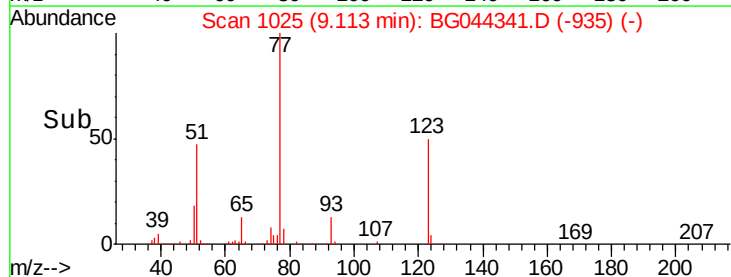
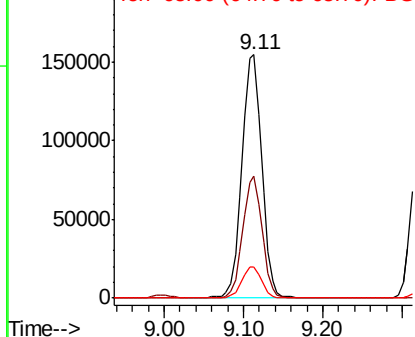


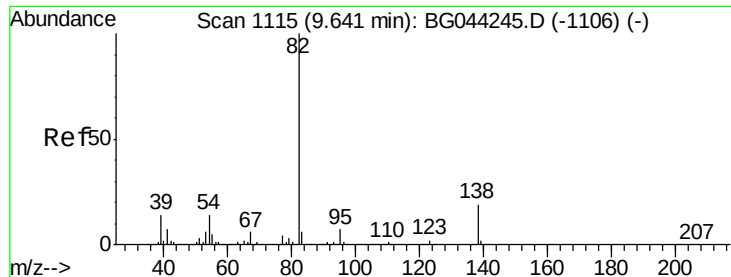
#24
 Nitrobenzene
 Concen: 39.297 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.9	39.9	59.9
65	12.6	10.4	15.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





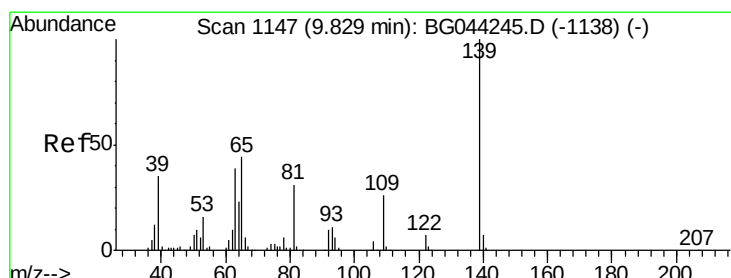
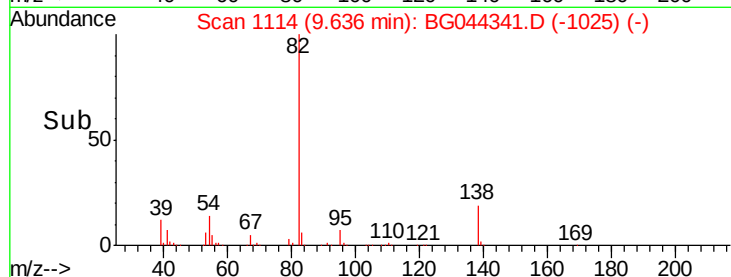
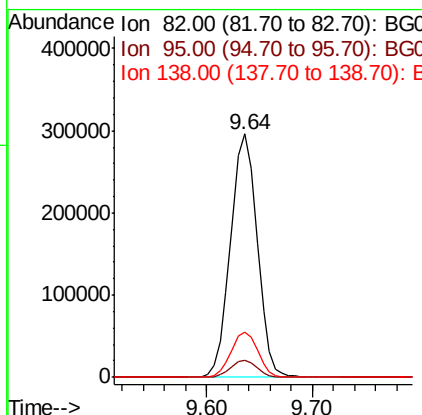
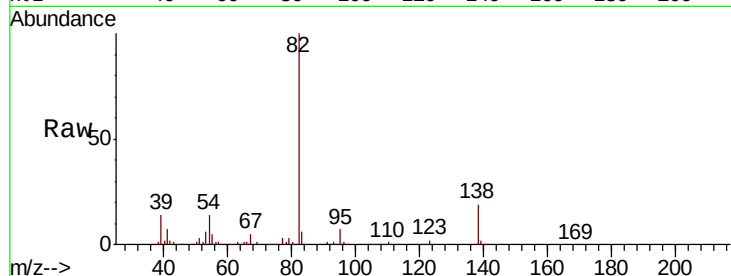
#25
Isophorone
Concen: 39.456 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	18.7	15.0	22.4

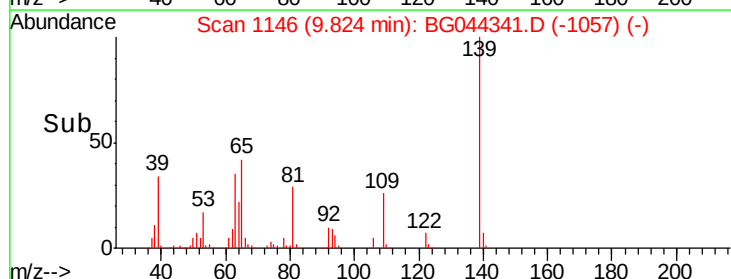
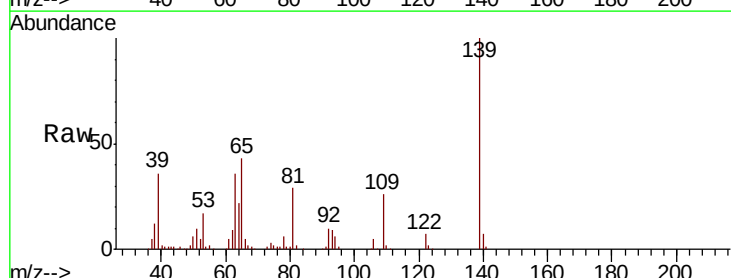
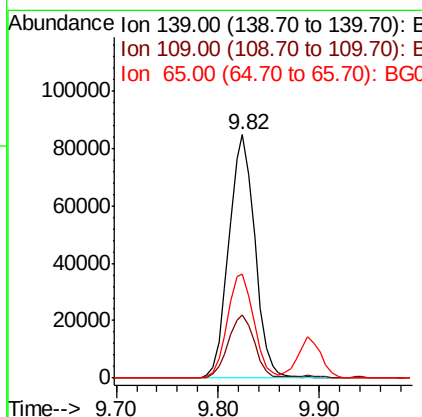
Manual Integrations
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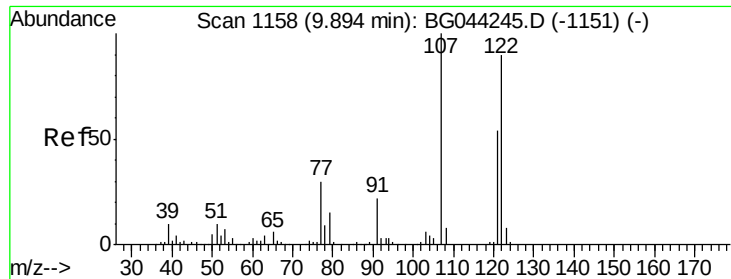
mohammad
2/11/2020 8:26:00 AM



#26
2-Nitrophenol
Concen: 42.343 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.8	21.0	31.4
65	42.5	35.0	52.4





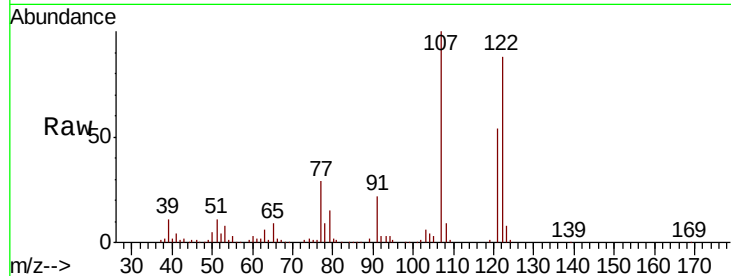
#27
2,4-Dimethylphenol
Concen: 48.928 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	246239		
107	113.5	88.8	133.2	
121	60.7	48.3	72.5	

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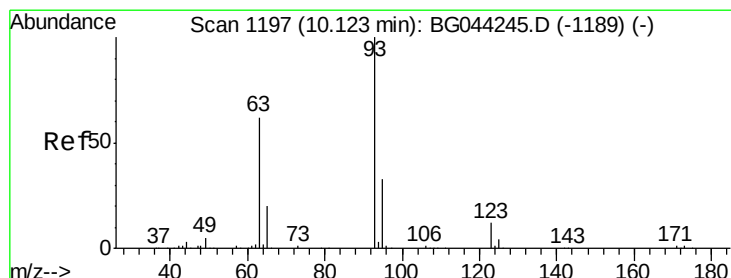
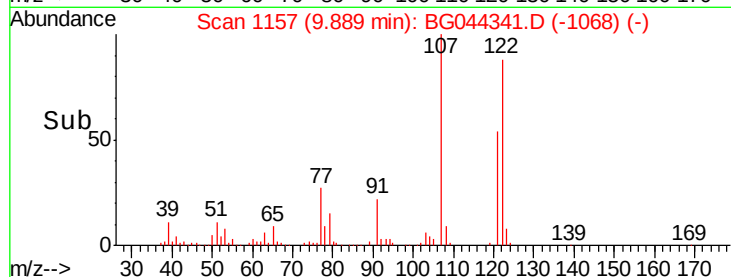
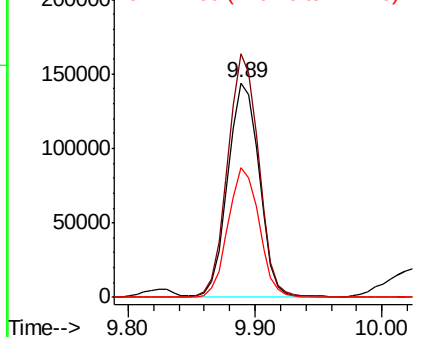


Abundance

Ion 122.00 (121.70 to 122.70): E

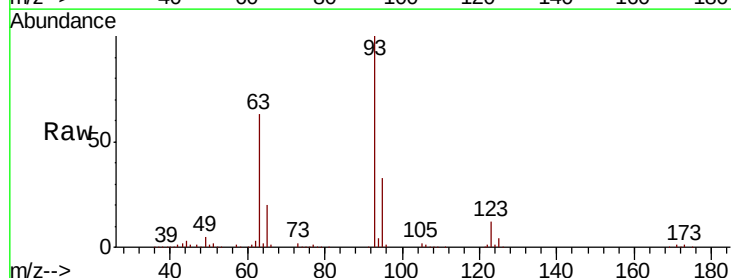
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.084 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	333273		
95	32.8	26.6	40.0	
123	12.0	10.0	15.0	

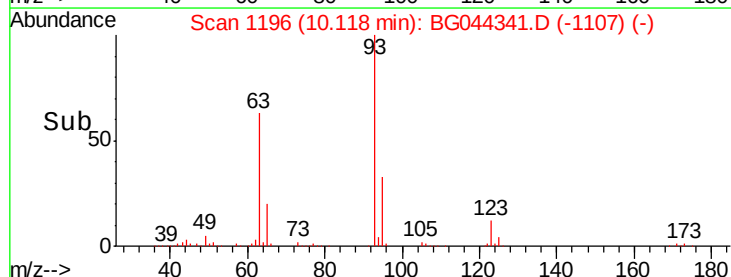
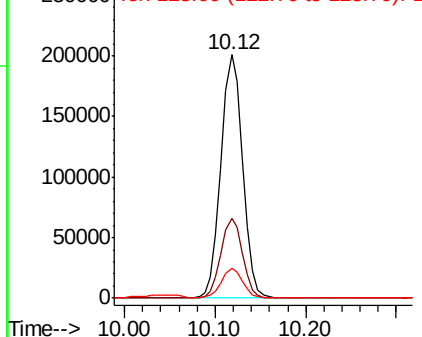


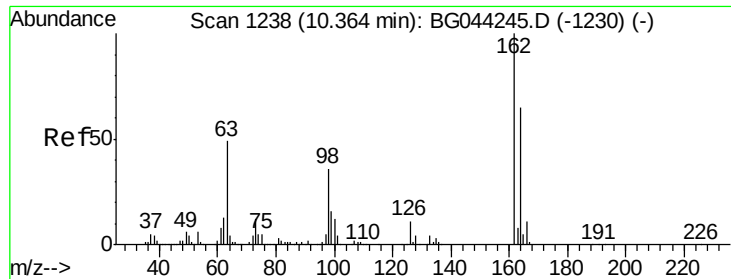
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





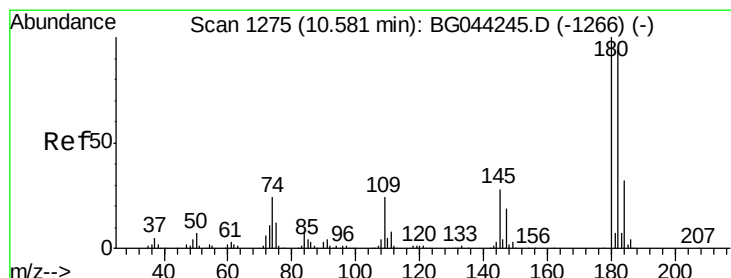
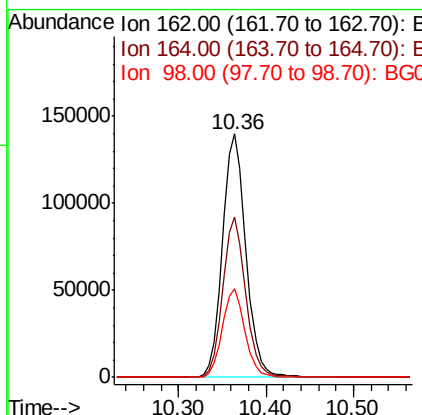
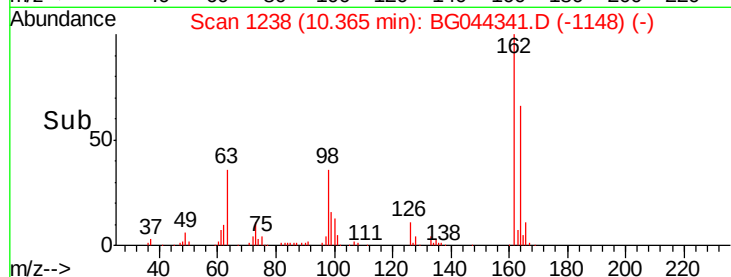
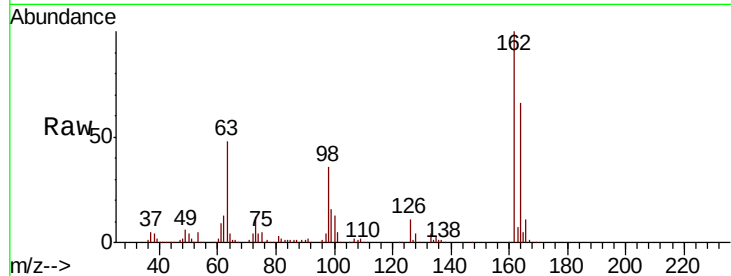
#29
2,4-Dichlorophenol
Concen: 42.365 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	257806		
164	65.7	44.7	84.7	
98	36.2	15.8	55.8	

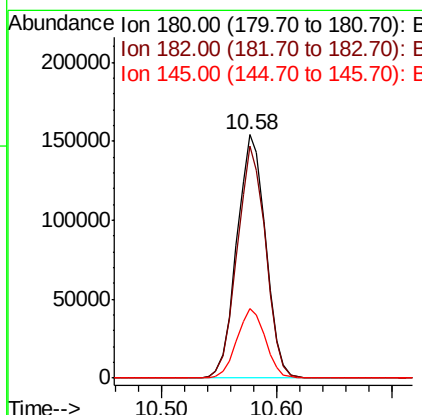
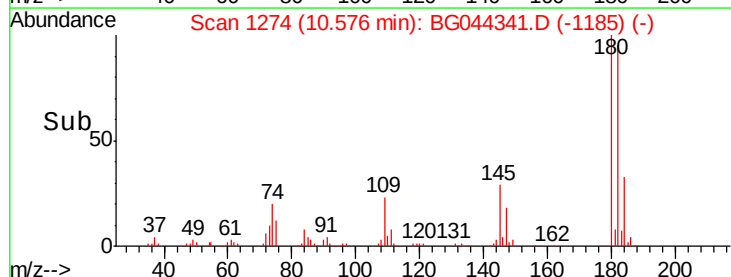
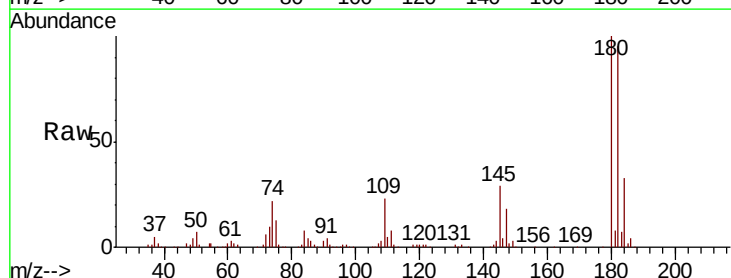
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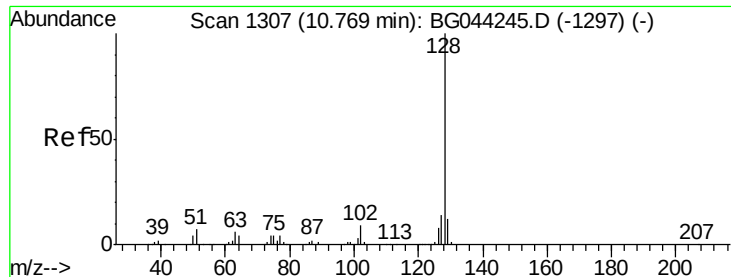
mohammad
2/11/2020 8:26:00 AM



#30
1,2,4-Trichlorobenzene
Concen: 38.180 ng
RT: 10.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	266409		
182	95.4	75.5	113.3	
145	28.5	22.6	34.0	





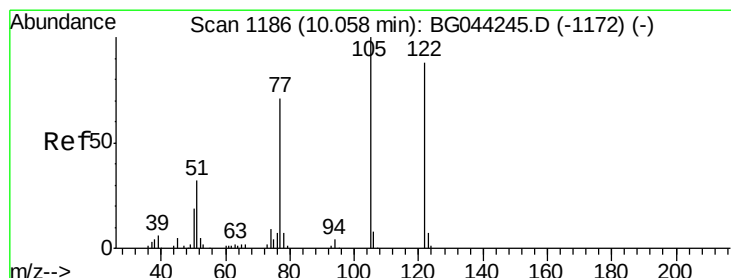
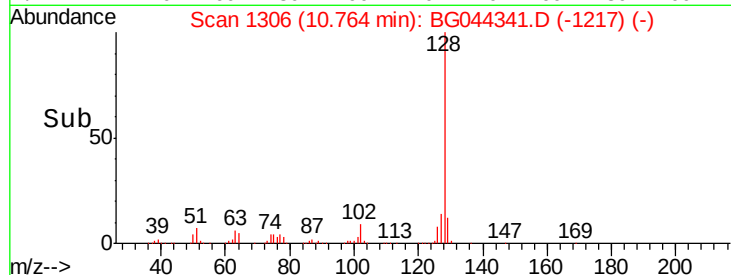
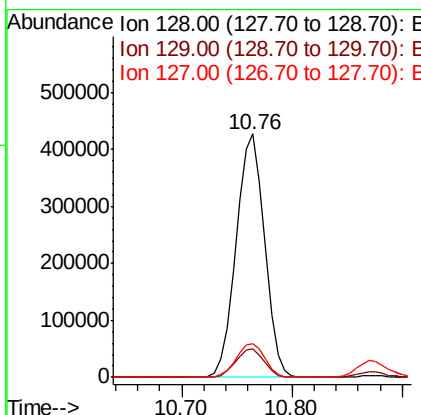
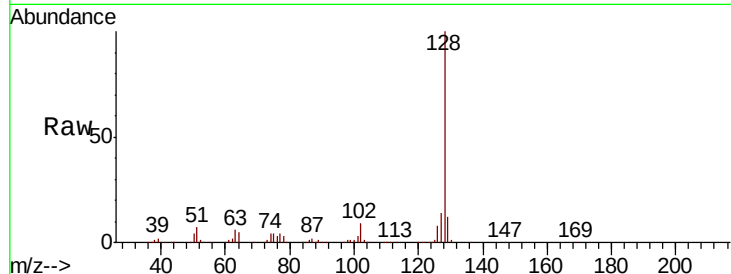
#31
Naphthalene
Concen: 40.155 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.8	11.6	17.4

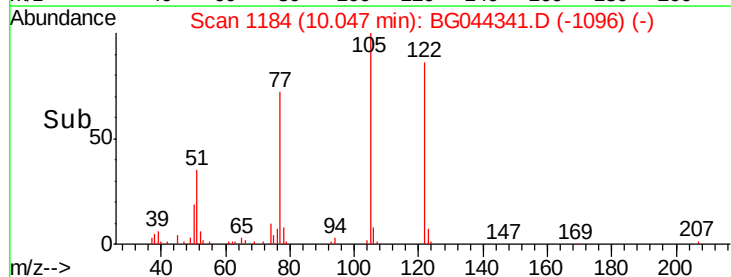
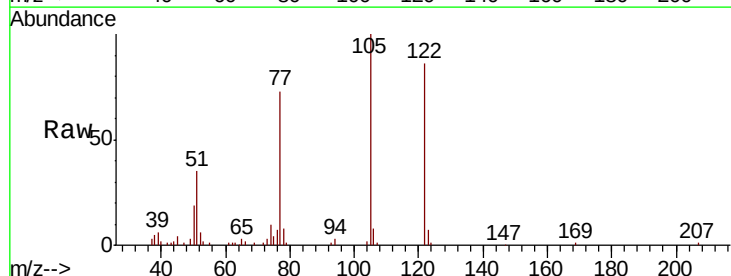
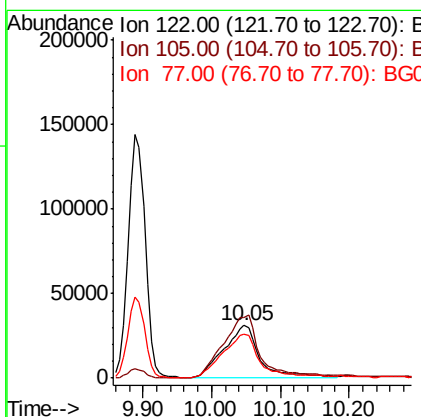
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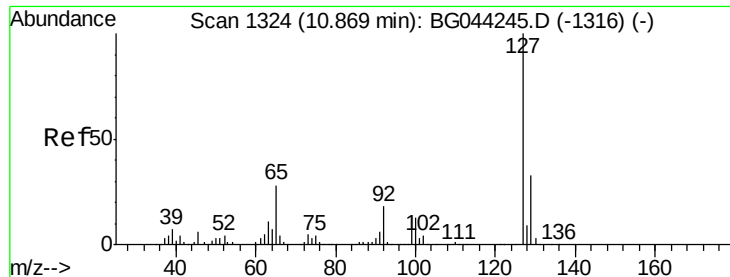
mohammad
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#32
Benzoic acid
Concen: 37.725 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
122	100		
105	115.7	93.5	133.5
77	84.3	61.0	101.0





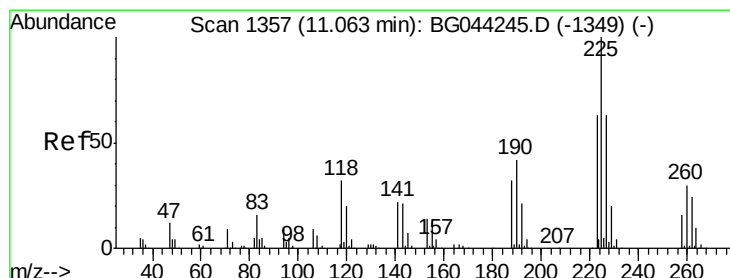
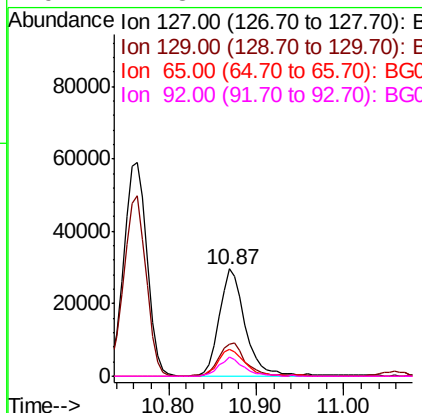
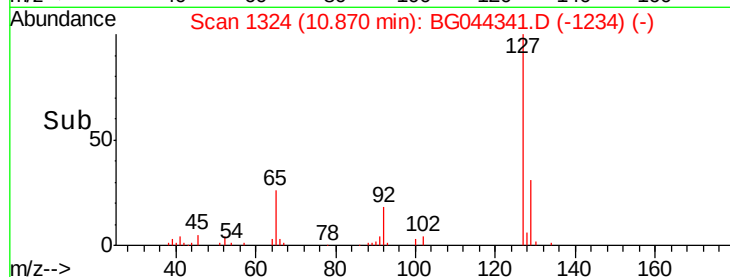
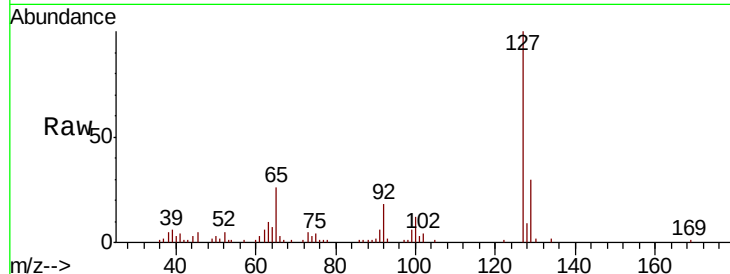
#33
4-Chloroaniline
Concen: 7.018 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.1	26.6	40.0		
65	25.7	22.5	33.7		
92	17.8	14.1	21.1		

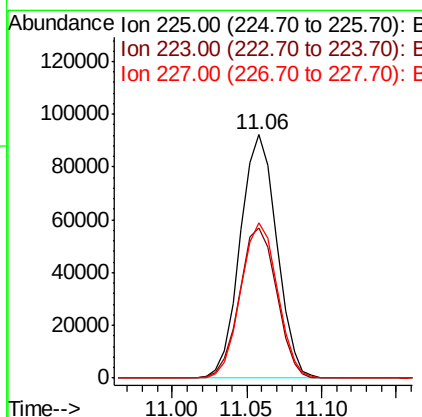
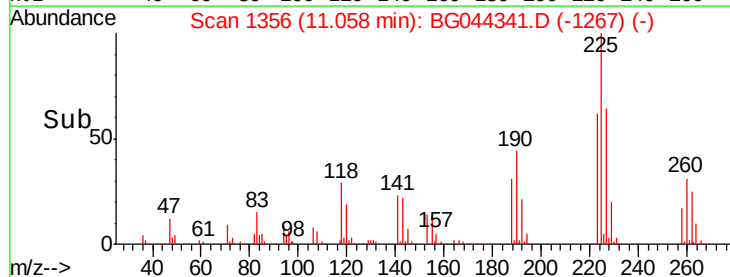
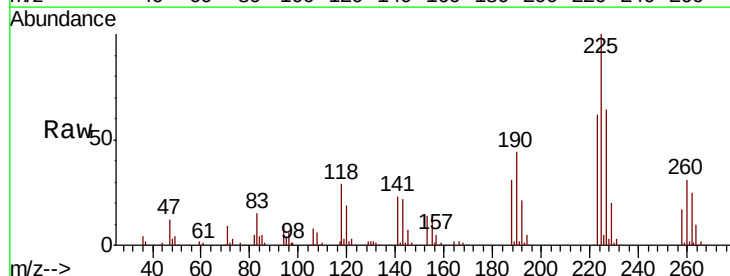
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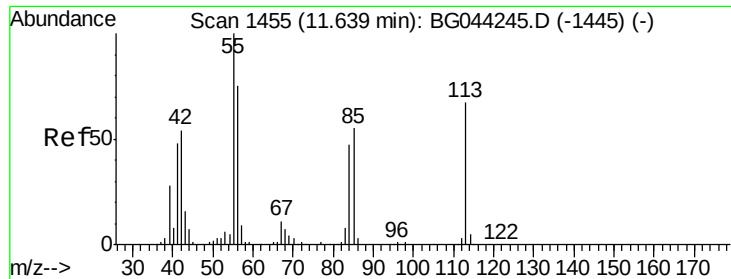
mohammad
2/11/2020 8:26:00 AM



#34
Hexachlorobutadiene
Concen: 36.516 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.5	50.2	75.4		
227	64.0	50.8	76.2		





#35

Caprolactam

Concen: 41.166 ng/ml

RT: 11.63 min Scan# 1454

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

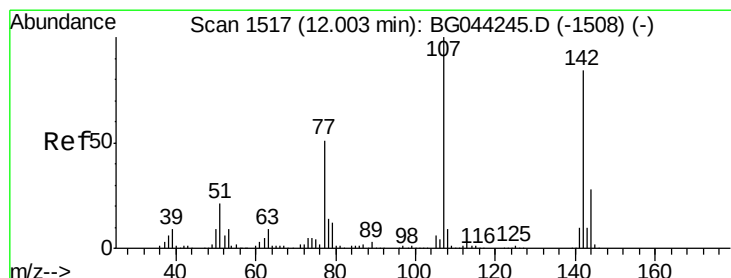
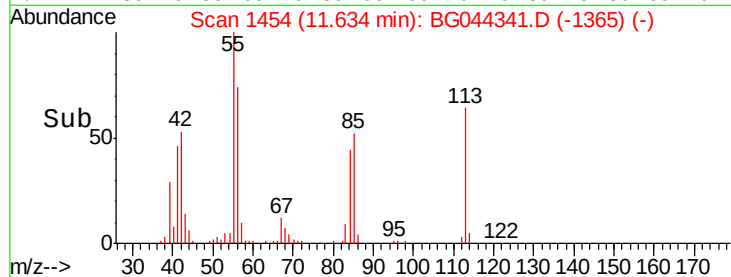
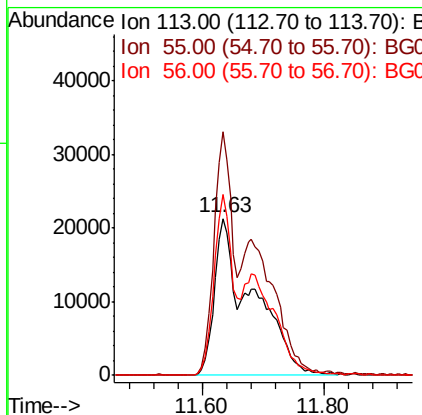
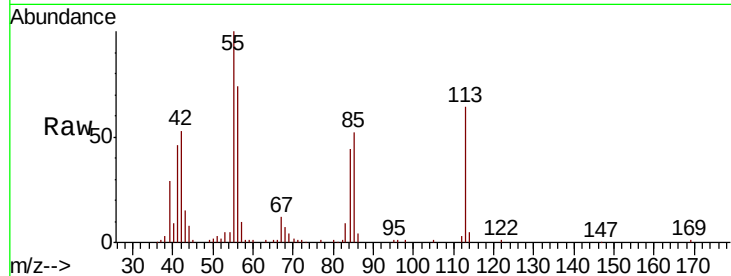
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion:	113	Resp:	91766
Ion	Ratio	Lower	Upper
113	100		
55	155.1	129.9	169.9
56	114.9	92.5	132.5

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2/11/2020 8:26:00 AM



#36

4-Chloro-3-methylphenol

Concen: 41.528 ng/ml

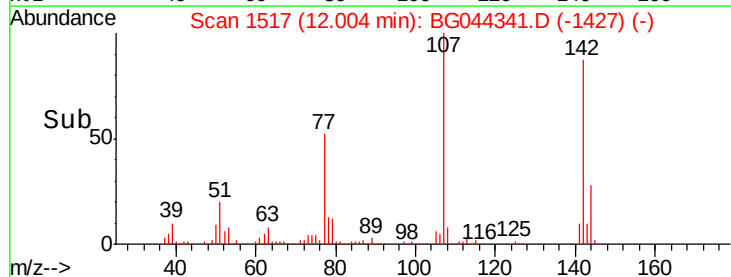
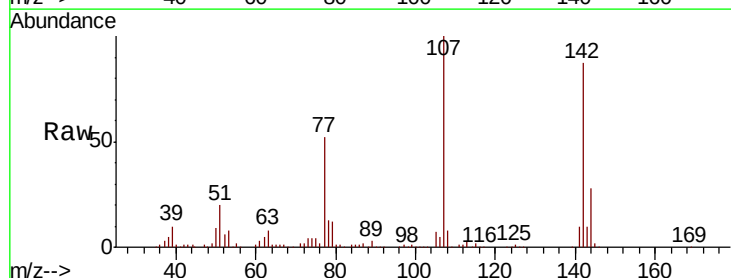
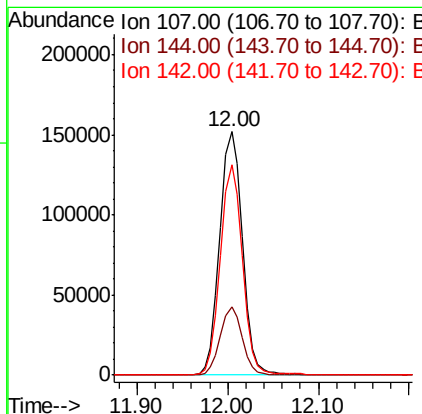
RT: 12.00 min Scan# 1517

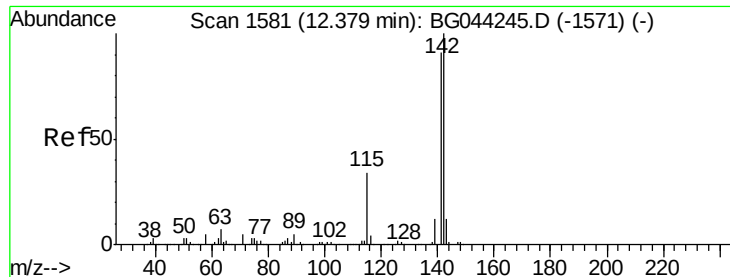
Delta R.T. 0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Tgt Ion:	107	Resp:	264957
Ion	Ratio	Lower	Upper
107	100		
144	28.3	22.2	33.4
142	86.6	67.4	101.0





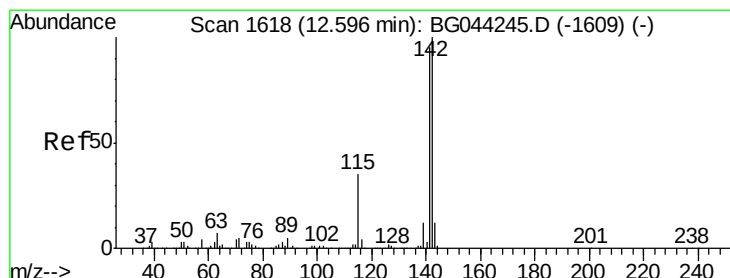
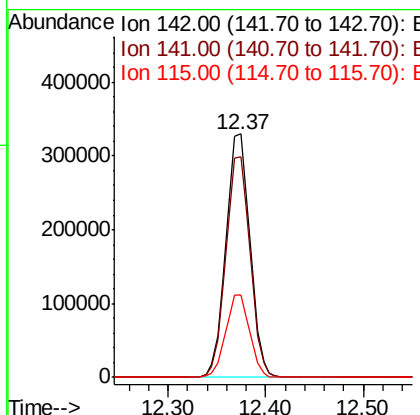
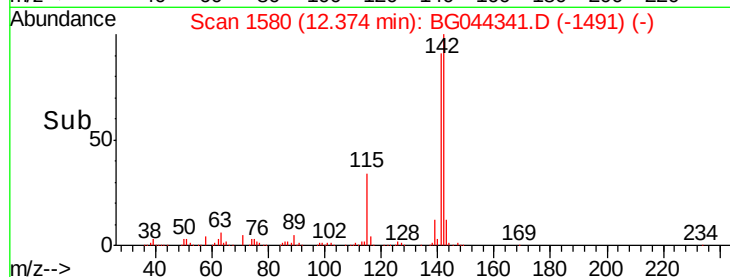
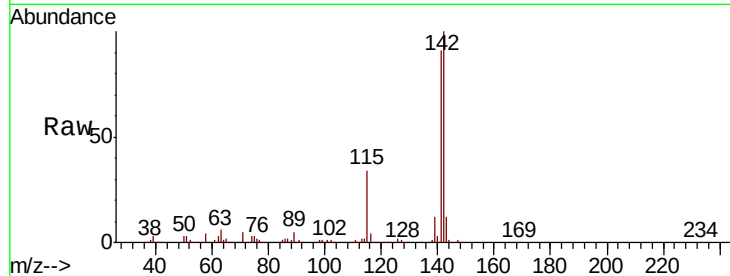
#37
2-Methylnaphthalene
Concen: 39.590 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	73.2	109.8
115	33.7	27.1	40.7

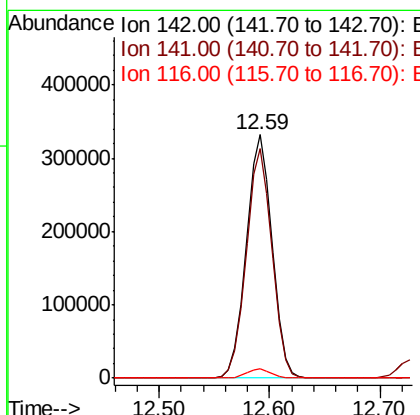
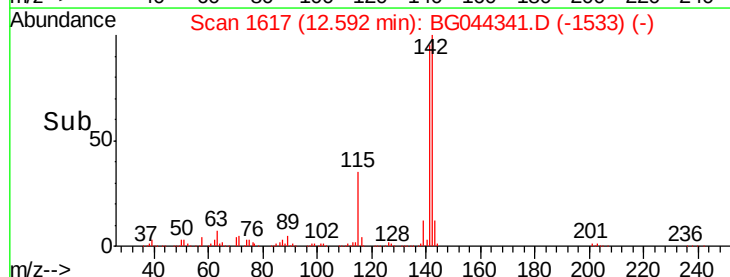
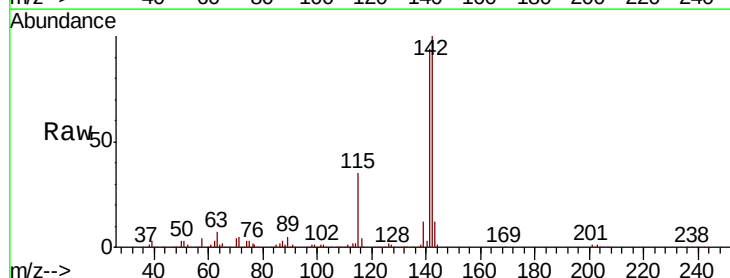
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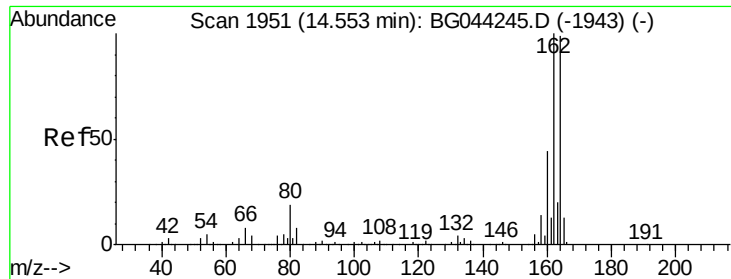
mohammad
2/11/2020 8:26:00 AM



#38
1-Methylnaphthalene
Concen: 40.262 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.8	113.6
116	3.7	3.1	4.7





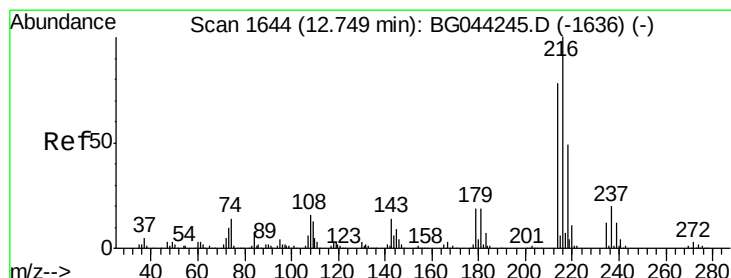
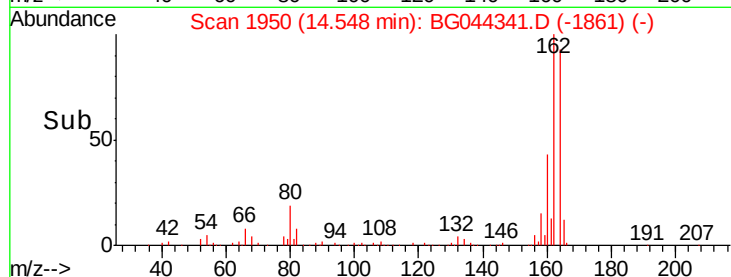
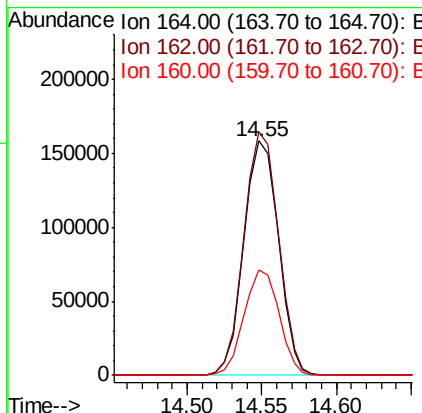
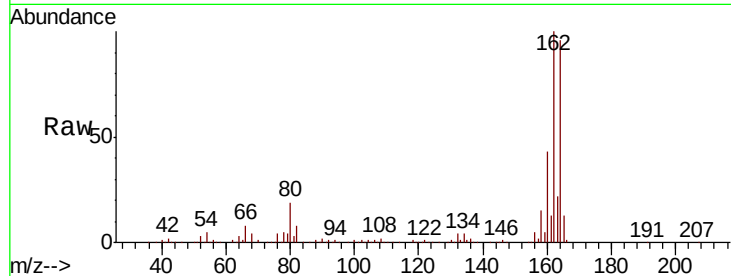
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	80.7	121.1
160	44.9	35.3	52.9

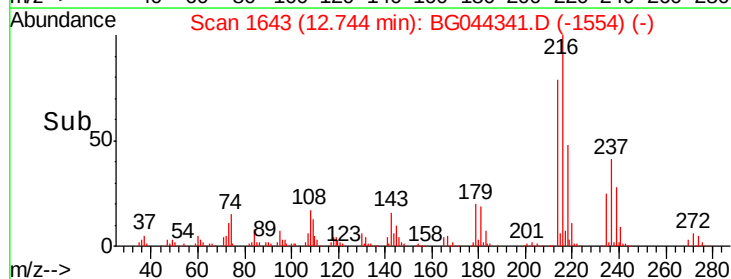
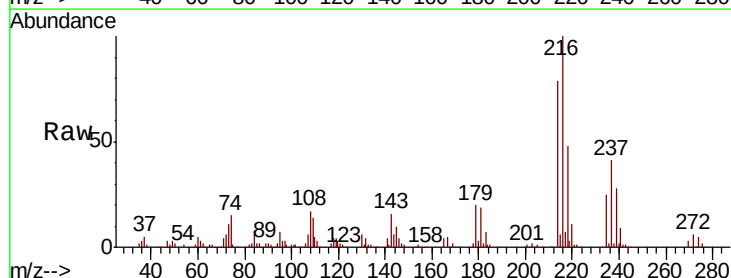
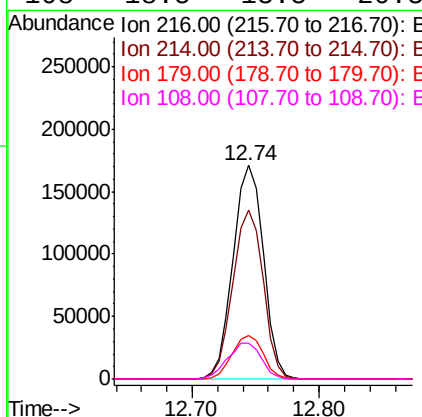
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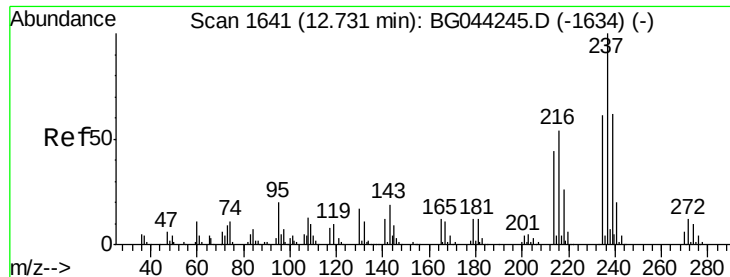
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.313 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.0	94.6
179	20.6	16.2	24.4
108	18.5	13.5	20.3





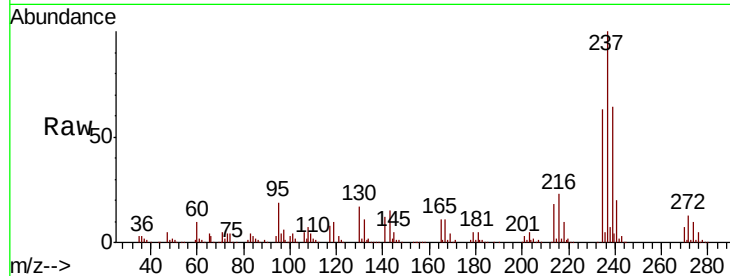
#41
Hexachlorocyclopentadiene
Concen: 90.618 ng
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	41.2	81.2
272	13.3	0.0	32.4

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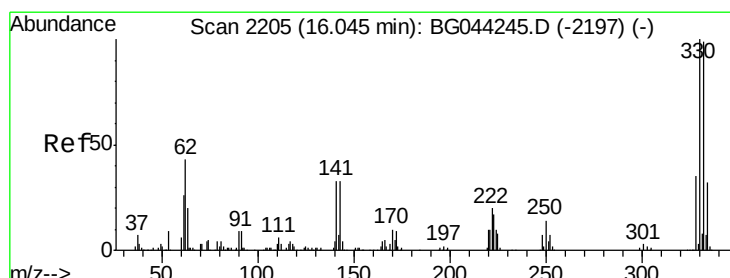
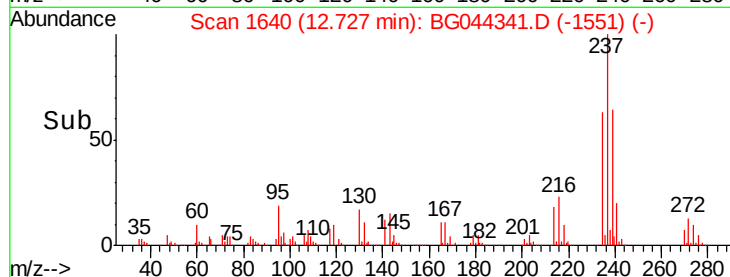
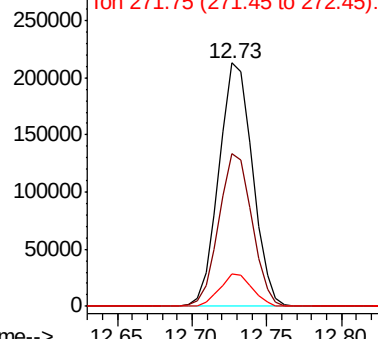


Abundance

Ion 236.80 (236.50 to 237.50): E

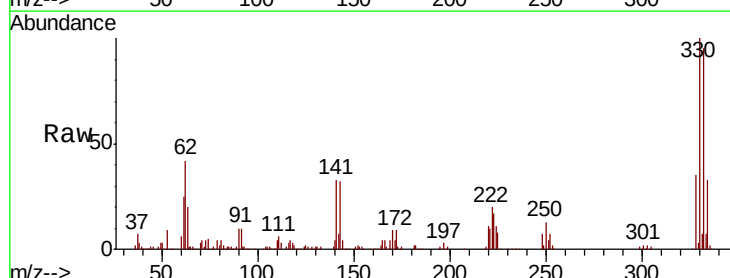
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 109.007 ng
RT: 16.04 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.0	77.2	115.8
141	34.7	28.3	42.5

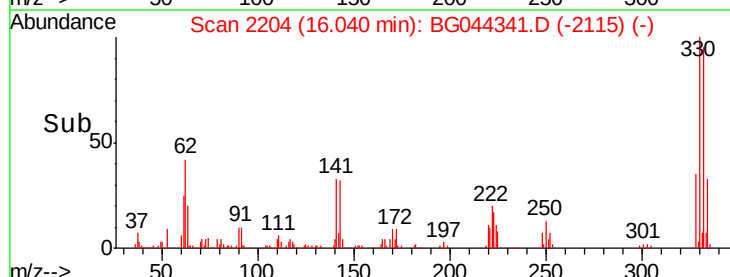
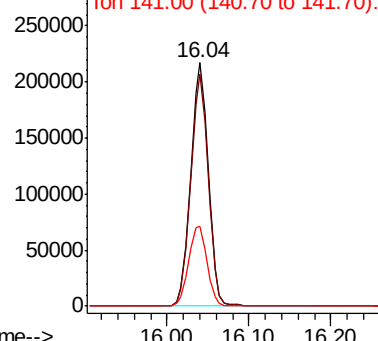


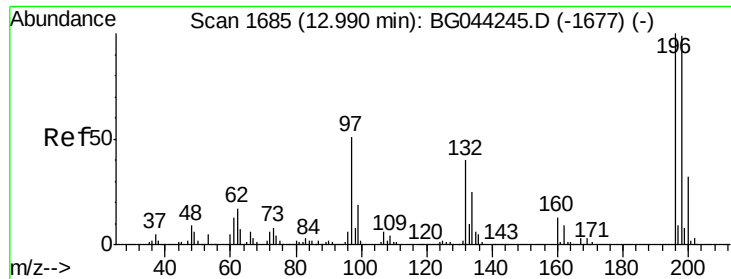
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





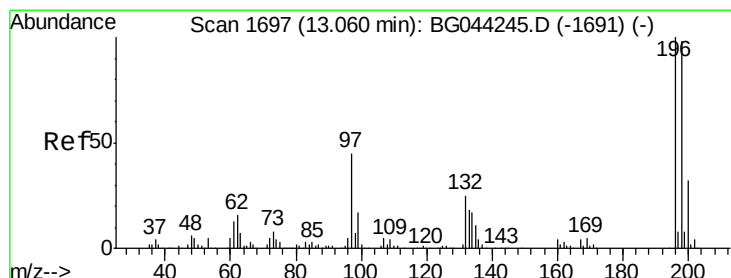
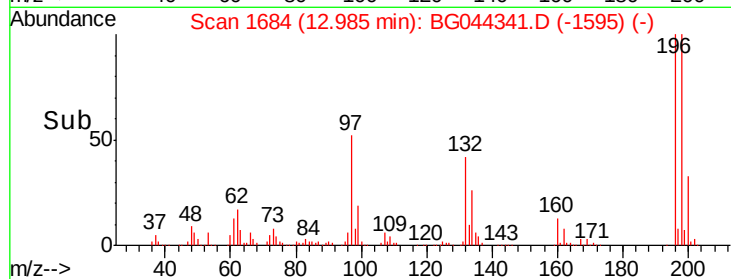
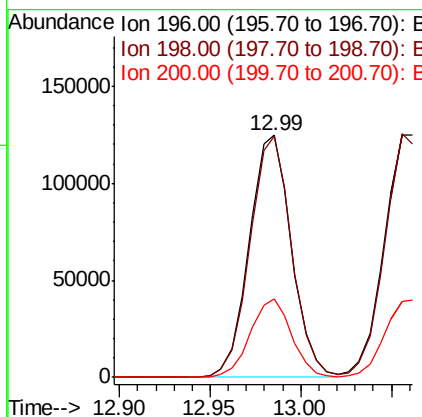
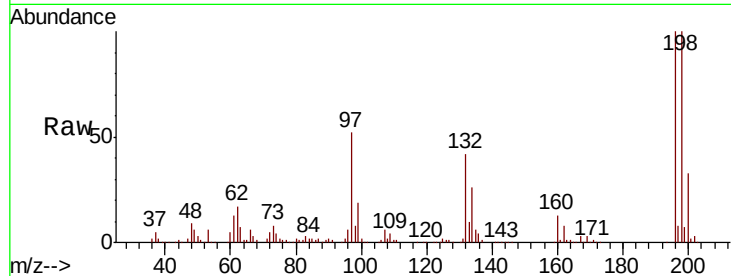
#43
 2,4,6-Trichlorophenol
 Concen: 41.162 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	202707		
198	99.7	79.3	118.9	
200	32.6	25.7	38.5	

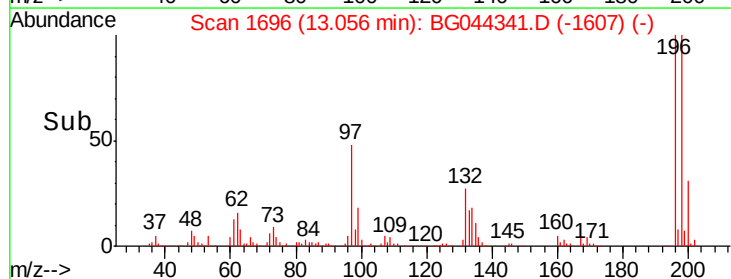
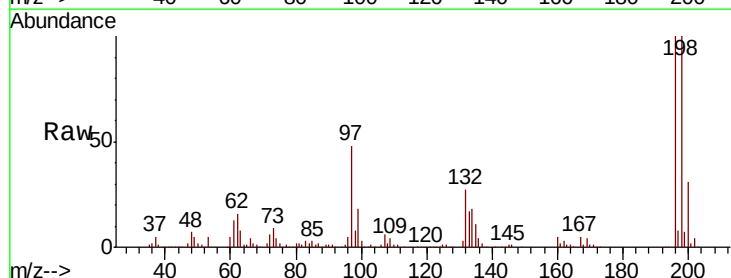
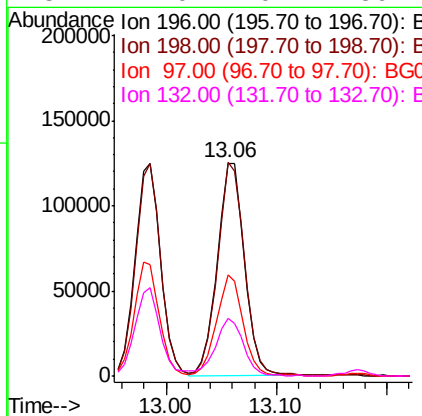
Manual Integrations
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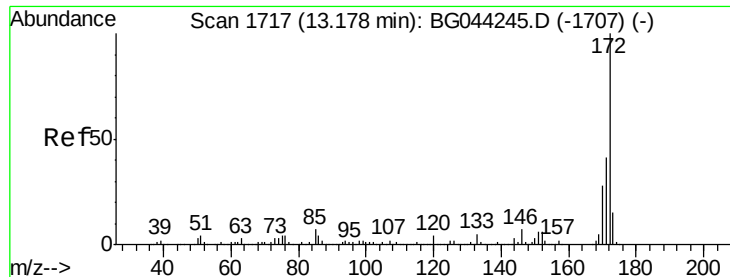
mohammad
 2/11/2020 8:26:00 AM



#44
 2,4,5-Trichlorophenol
 Concen: 42.799 ng
 RT: 13.06 min Scan# 1696
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	215281		
198	100.4	78.2	117.2	
97	47.8	36.2	54.4	
132	27.0	20.2	30.4	





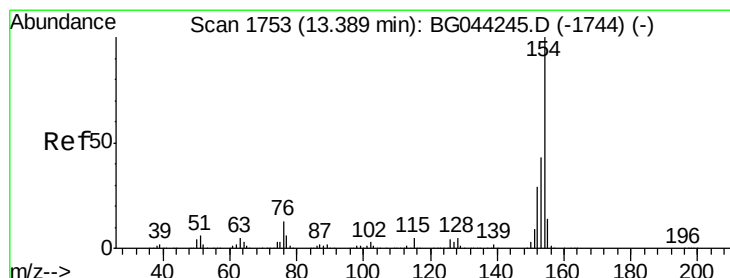
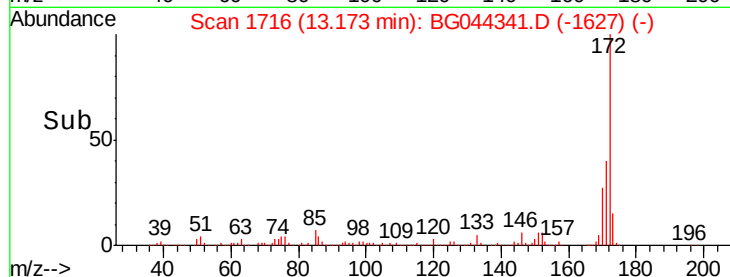
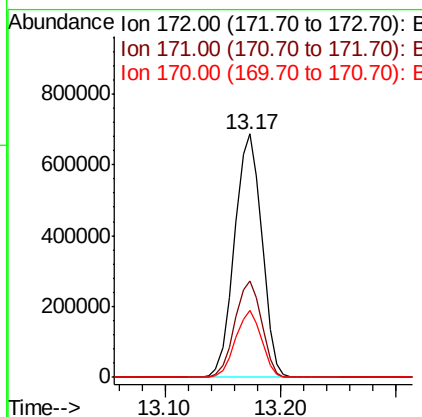
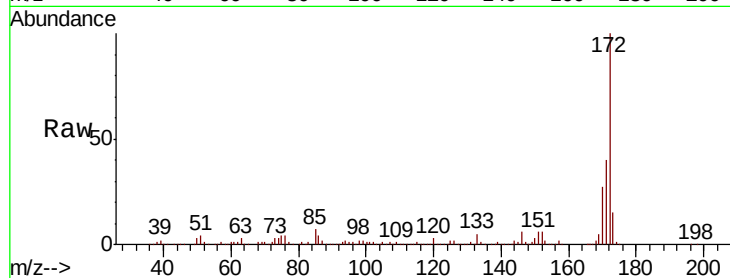
#45
2-Fluorobiphenyl
Concen: 73.737 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.5	32.9	49.3
170	27.3	22.0	33.0

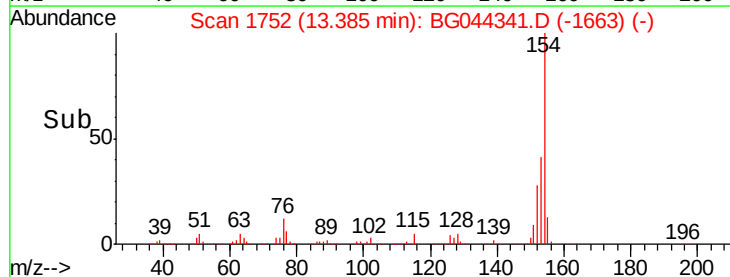
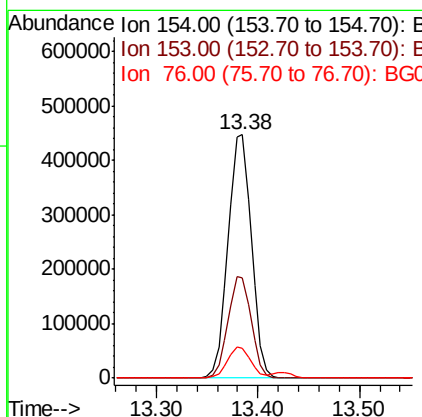
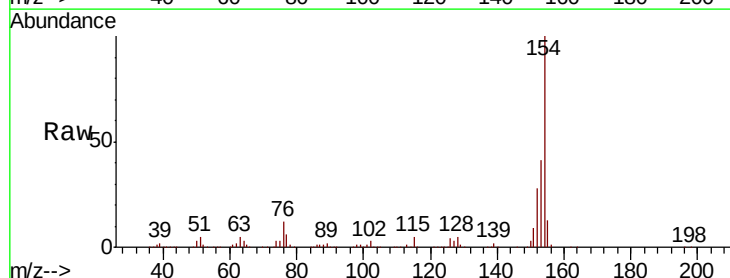
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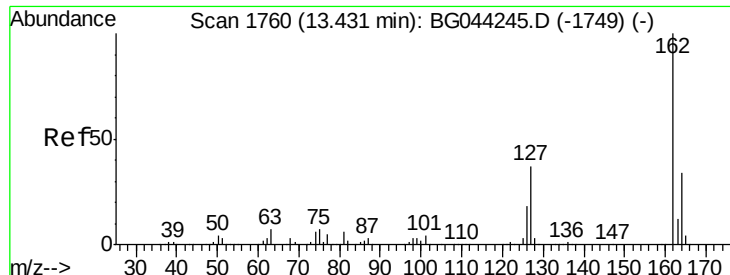
mohammad
2/11/2020 8:26:00 AM



#46
1,1'-Biphenyl
Concen: 38.938 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	22.7	62.7
76	12.3	0.0	32.9





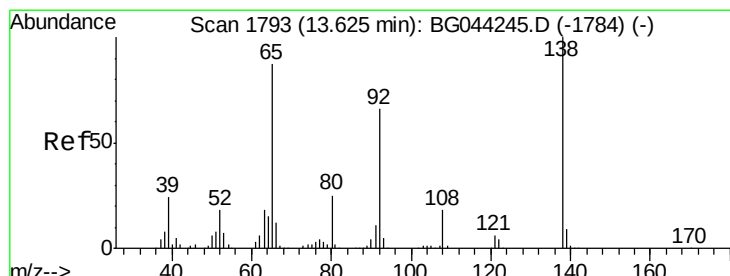
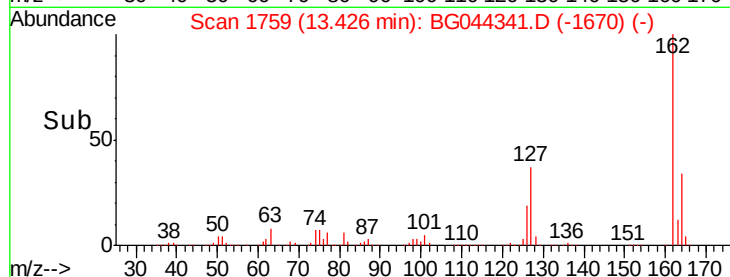
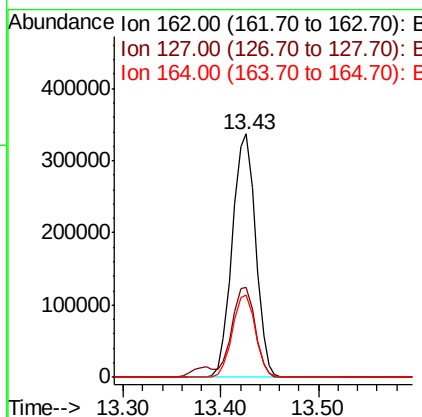
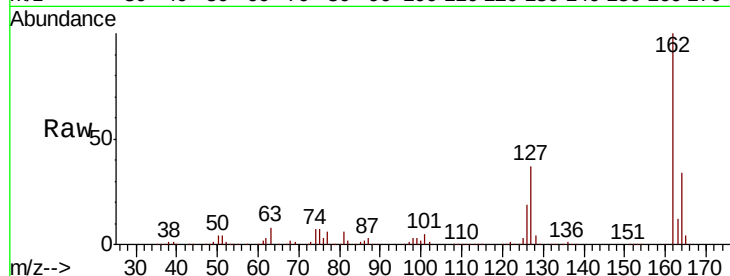
#47
 2-Chloronaphthalene
 Concen: 38.386 ng
 RT: 13.43 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.0	30.0	45.0
164	34.0	27.2	40.8

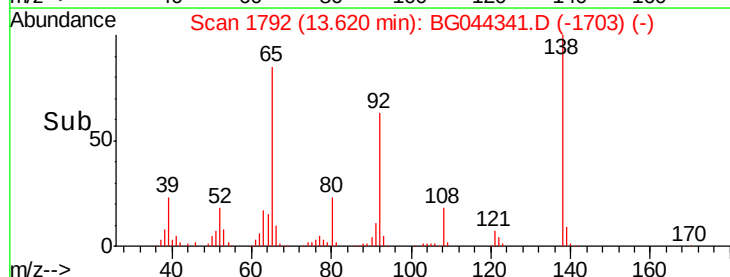
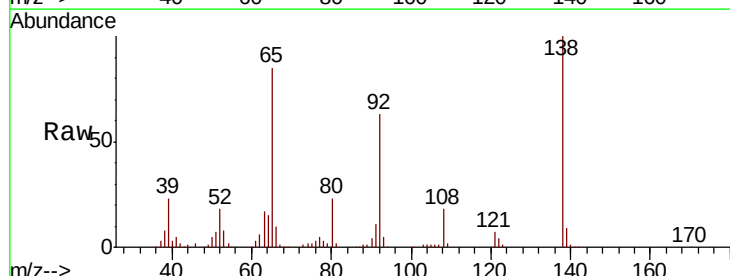
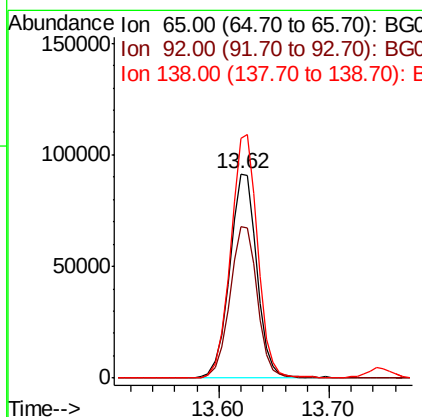
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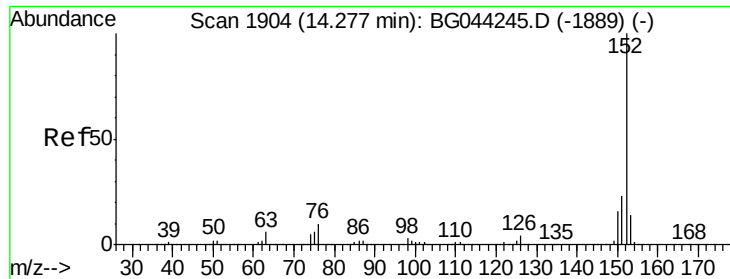
mohammad
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#48
 2-Nitroaniline
 Concen: 36.649 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.9	60.3	90.5
138	117.7	91.9	137.9





#49

Acenaphthylene

Concen: 41.144 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

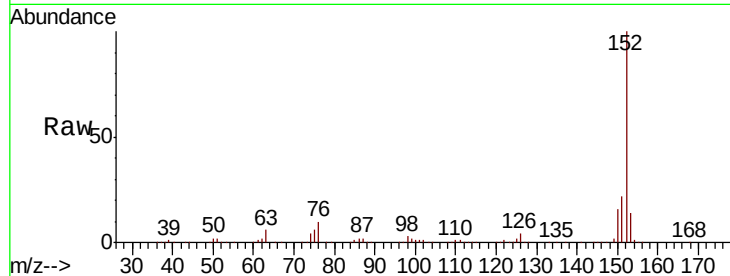
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

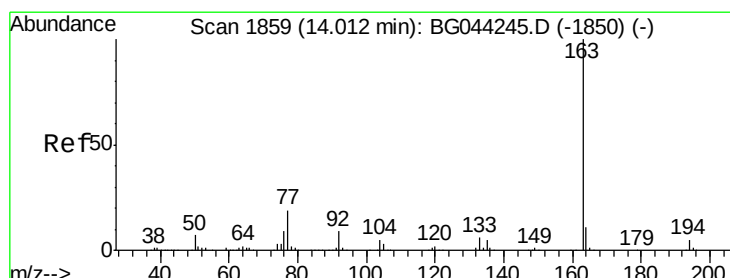
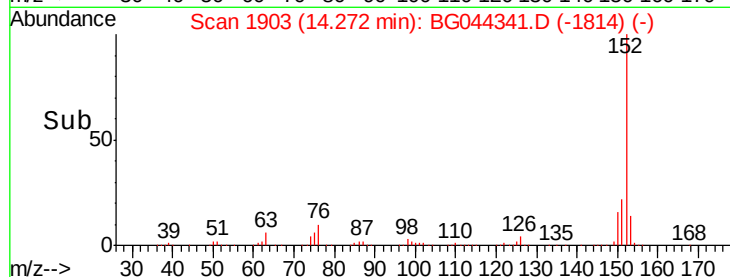
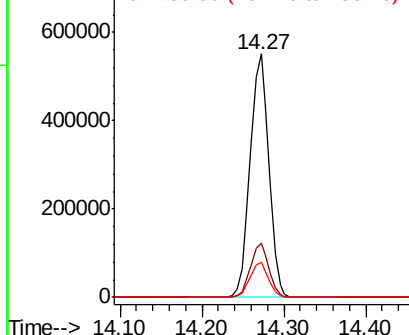
Tot Ion	Ratio	Lower	Upper
152	100		
151	22.4	18.1	27.1
153	14.2	11.5	17.3

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



#50

Dimethylphthalate

Concen: 42.678 ng

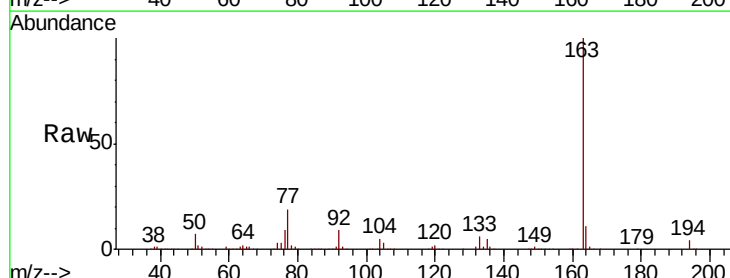
RT: 14.01 min Scan# 1858

Delta R.T. -0.00 min

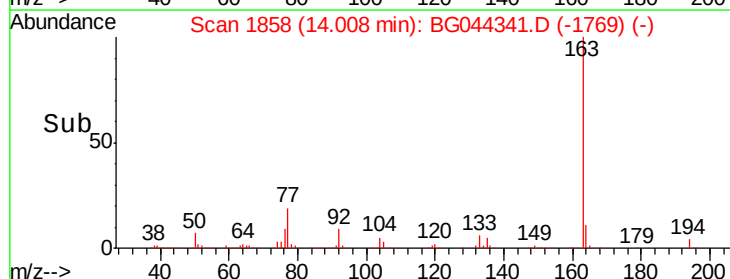
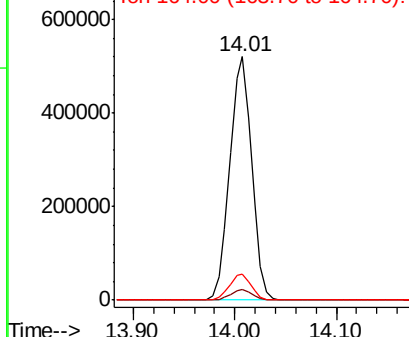
Lab File: BG044341.D

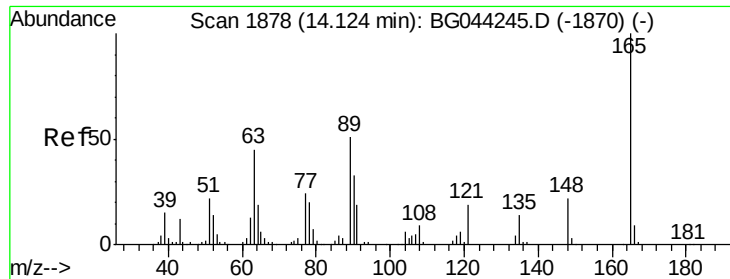
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.9	8.7	13.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





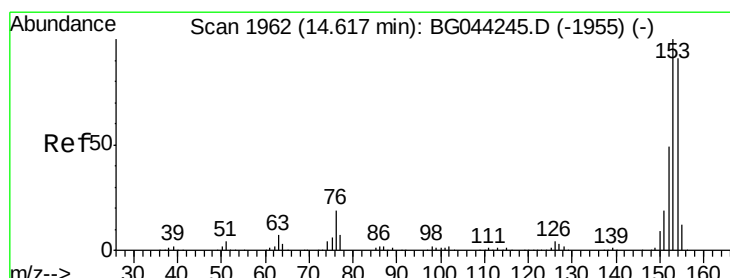
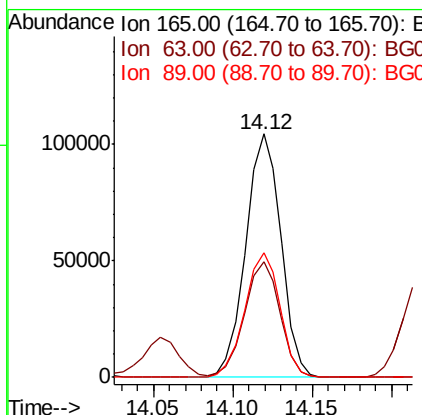
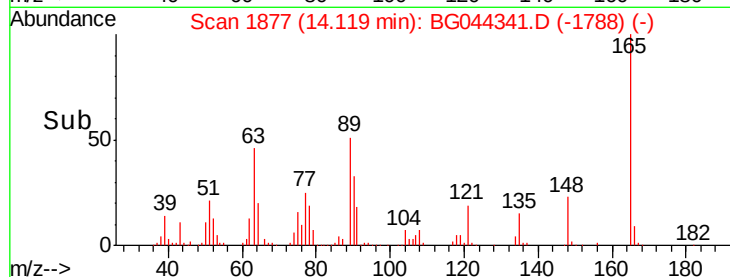
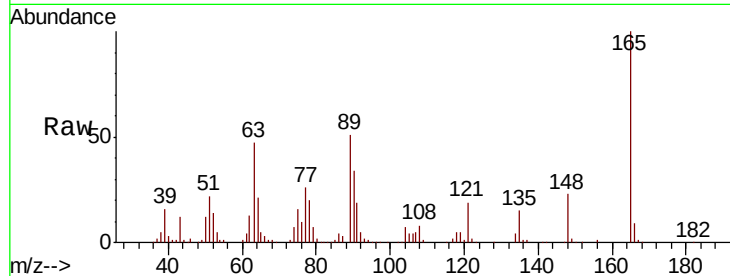
#51
2,6-Dinitrotoluene
Concen: 39.489 ng
RT: 14.12 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	161202		
63	47.3	38.7	58.1	
89	51.0	40.4	60.6	

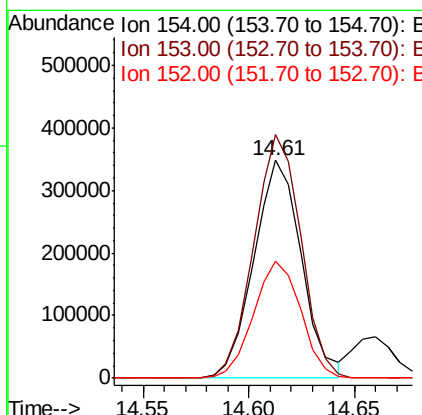
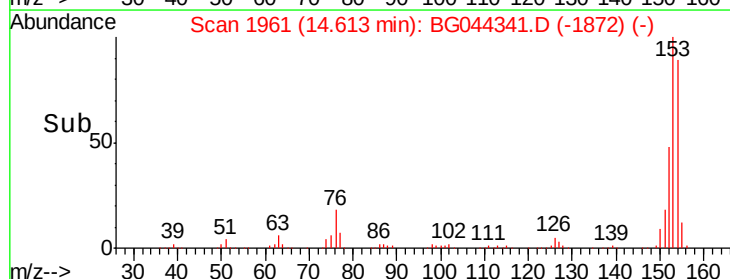
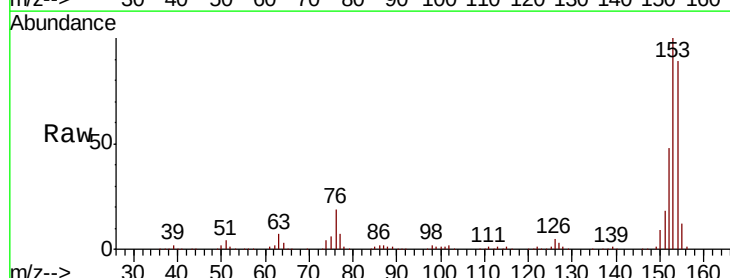
Manual Integrations
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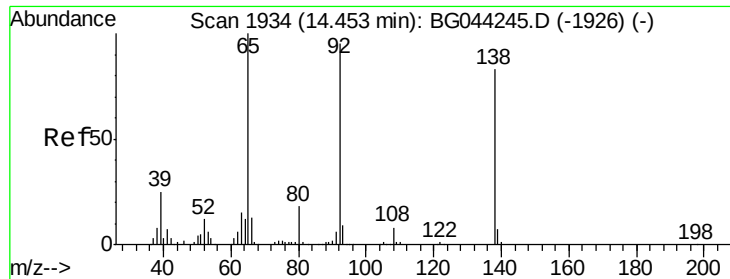
mohammad
2/11/2020 8:26:00 AM



#52
Acenaphthene
Concen: 39.236 ng
RT: 14.61 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	545320		
153	111.8	87.9	131.9	
152	53.6	43.1	64.7	





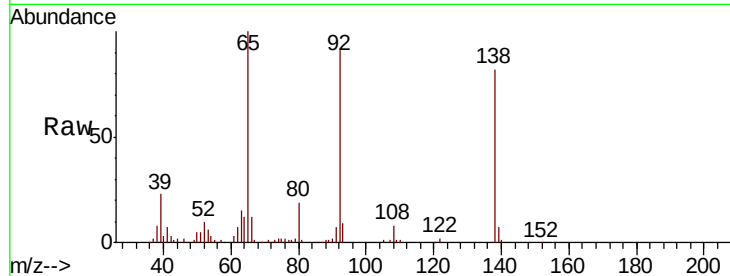
#53
 3-Nitroaniline
 Concen: 12.469 ng
 RT: 14.45 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.9	11.9
92	112.4	91.0	136.4

Manual Integrations
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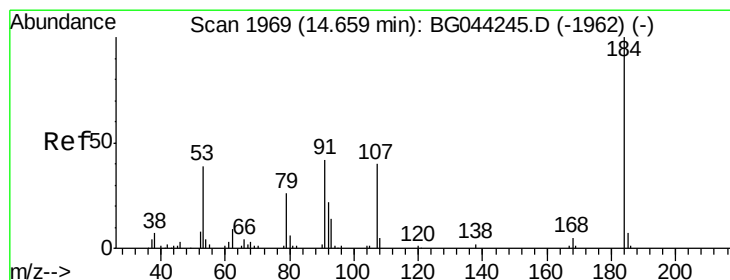
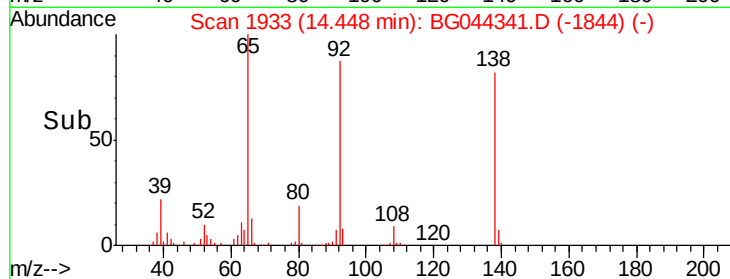
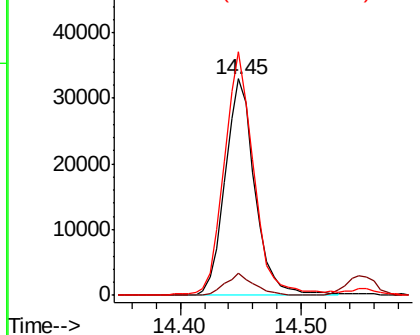


Abundance

Ion 138.00 (137.70 to 138.70): E

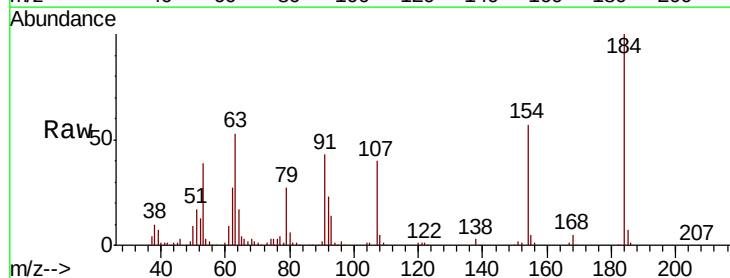
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
 2,4-Dinitrophenol
 Concen: 77.917 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.7	44.1	66.1
154	57.4	45.4	68.0

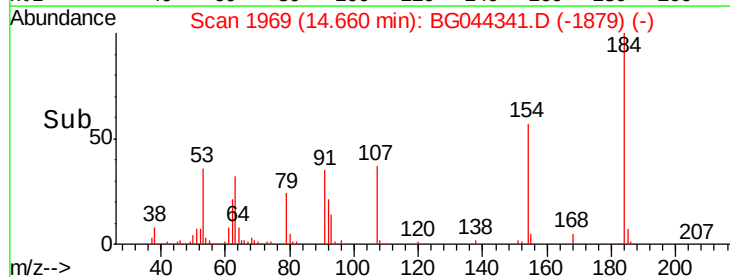
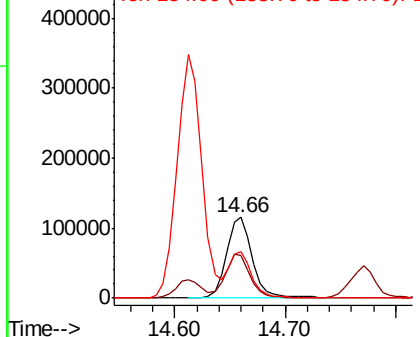


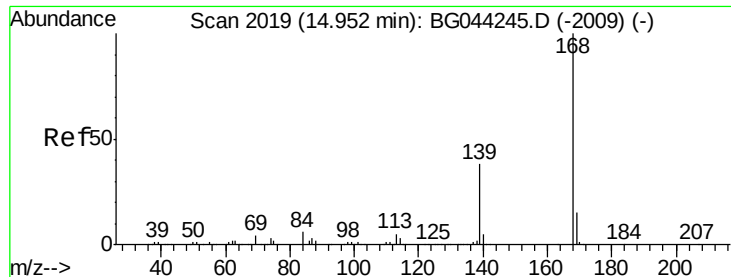
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





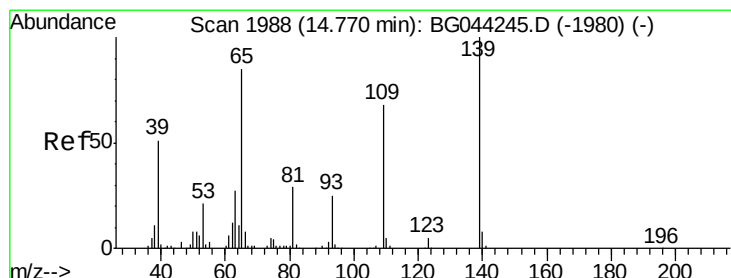
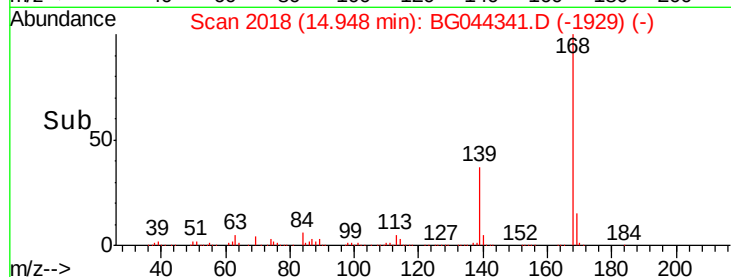
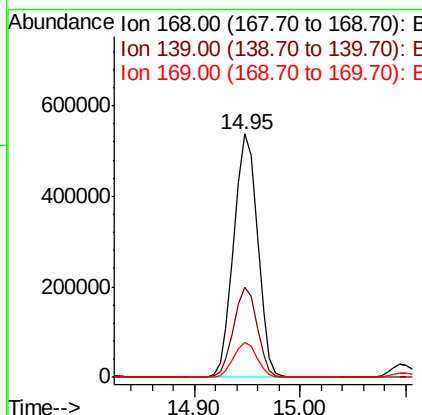
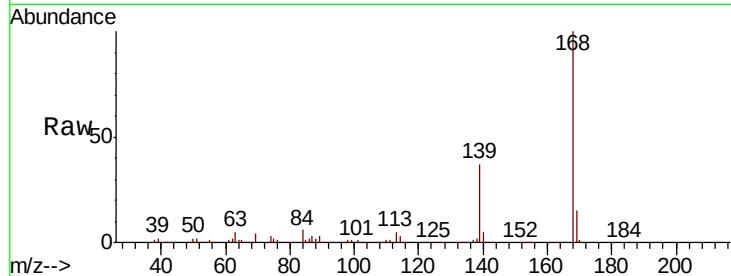
#55
Dibenzenofuran
Concen: 39.777 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	30.5	45.7
169	14.6	11.7	17.5

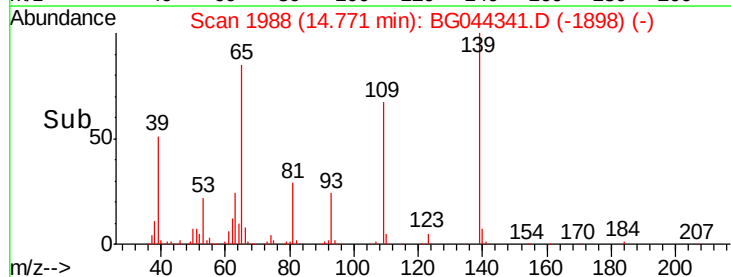
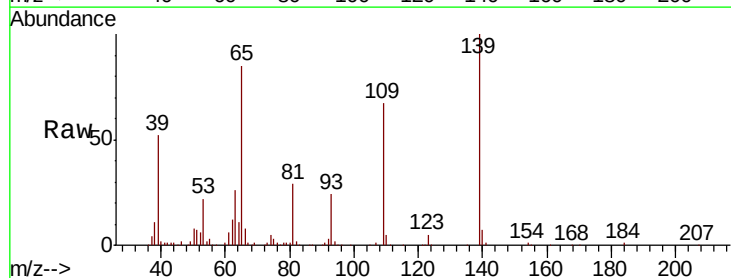
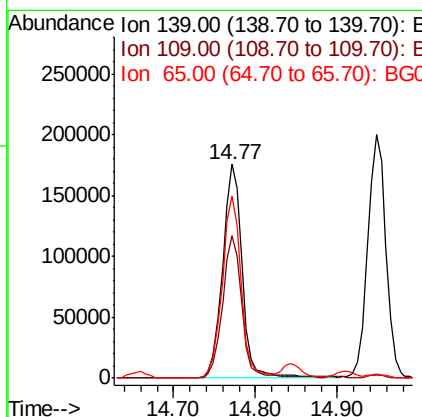
Manual Integrations
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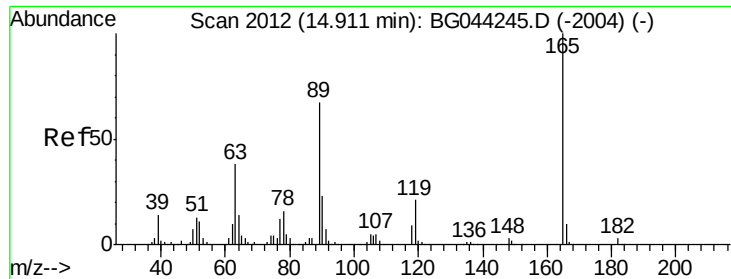
mohammad
2/11/2020 8:26:00 AM



#56
4-Nitrophenol
Concen: 88.364 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.9	47.5	87.5
65	85.0	64.9	104.9





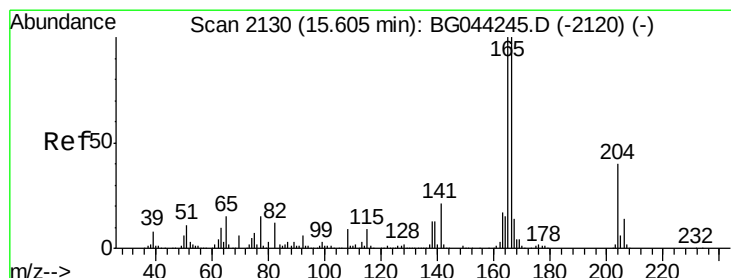
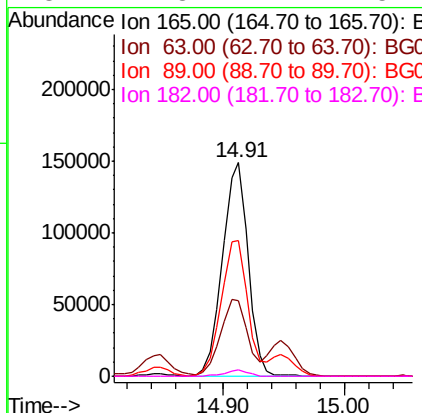
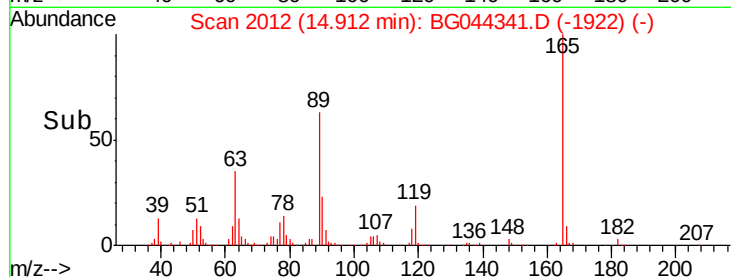
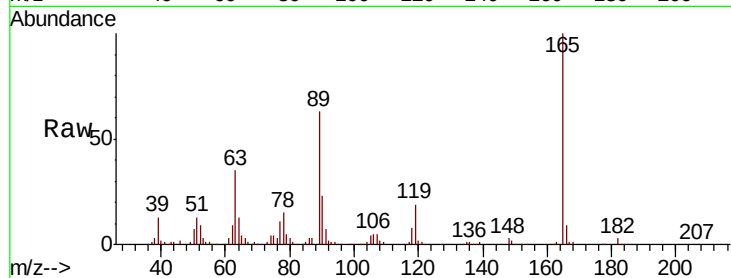
#57
2,4-Dinitrotoluene
Concen: 38.356 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		219456		
63	35.1		30.3	45.5	
89	63.3		53.4	80.2	
182	2.8		2.1	3.1	

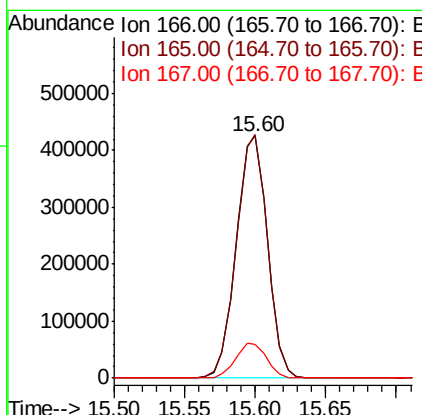
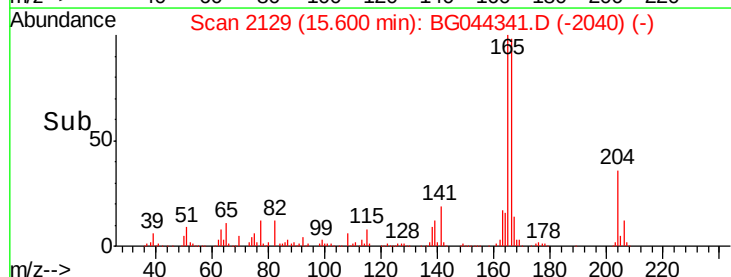
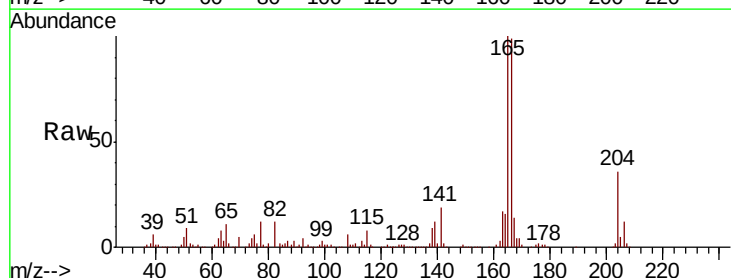
Manual Integrations
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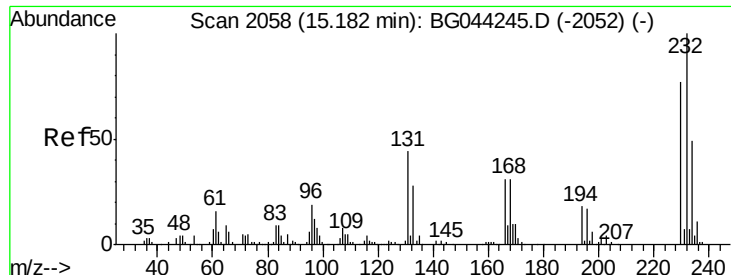
mohammad
2/11/2020 8:26:00 AM



#58
Fluorene
Concen: 39.354 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		652253		
165	100.7		79.9	119.9	
167	14.0		11.4	17.0	





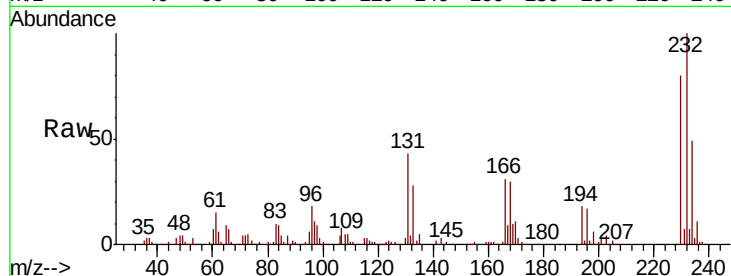
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.813 ng
RT: 15.18 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

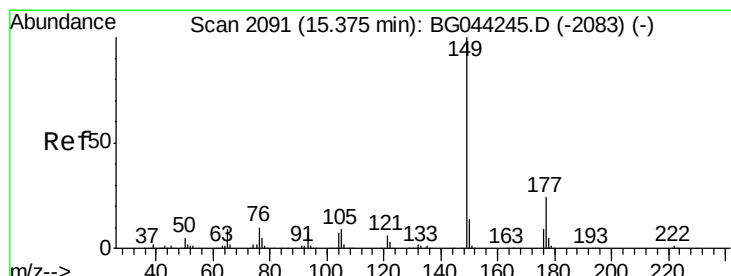
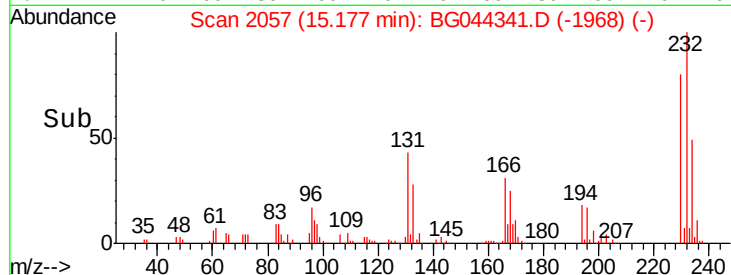
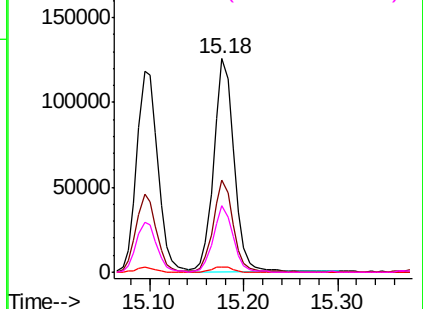
Tot Ion	Ratio	Resp	Lower	Upper
232	100	189974		
131	41.8		34.2	51.4
130	2.6		1.8	2.8
166	30.1		23.8	35.8

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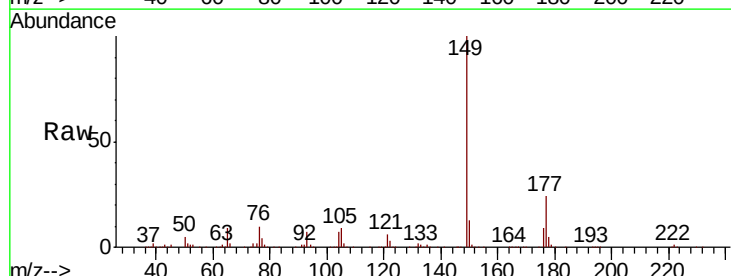


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

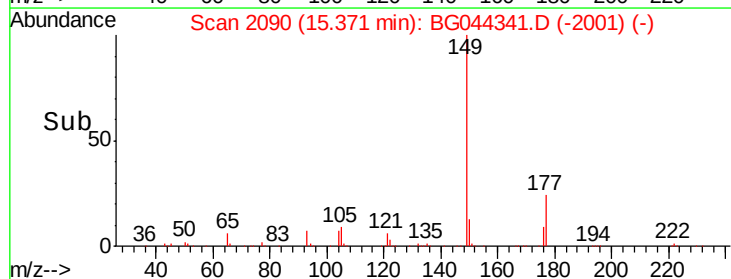
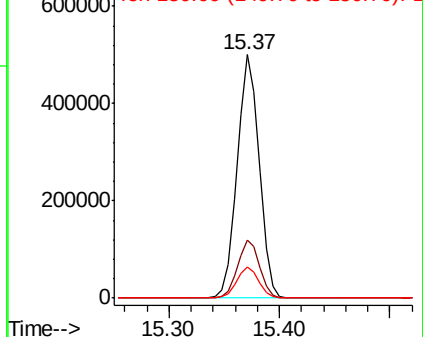


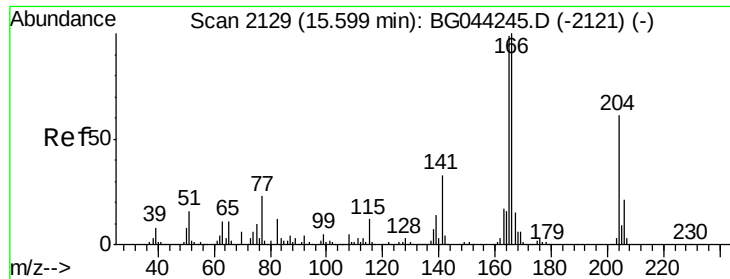
#60
Diethylphthalate
Concen: 38.345 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	699533		
177	24.0		19.4	29.0
150	13.0		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





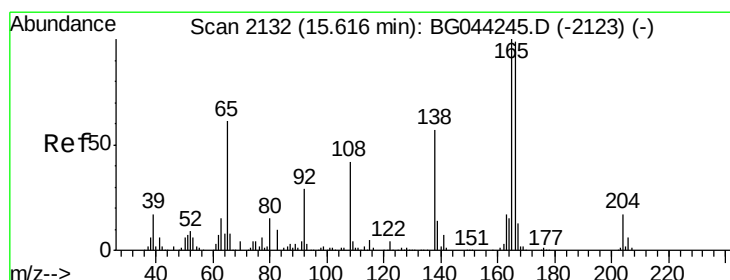
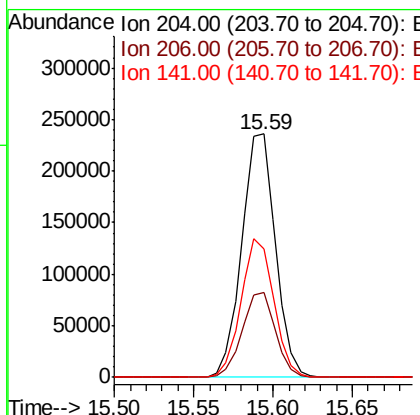
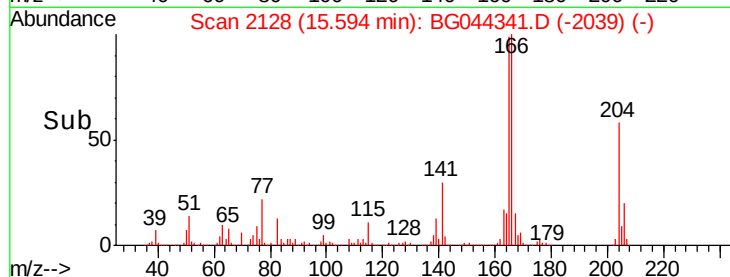
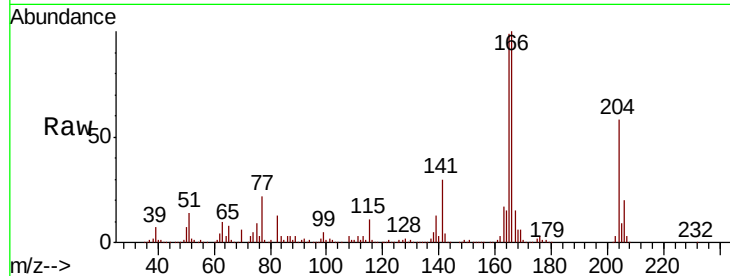
#61
4-Chlorophenyl-phenylether
Concen: 38.582 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.6	41.4
141	52.5	43.4	65.0

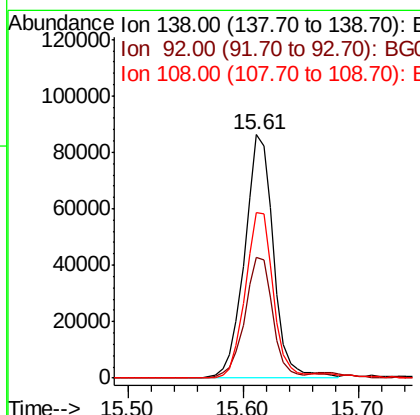
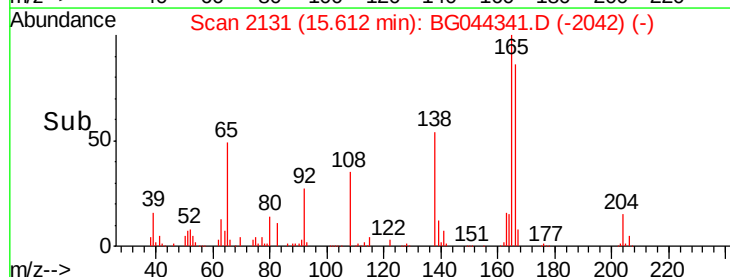
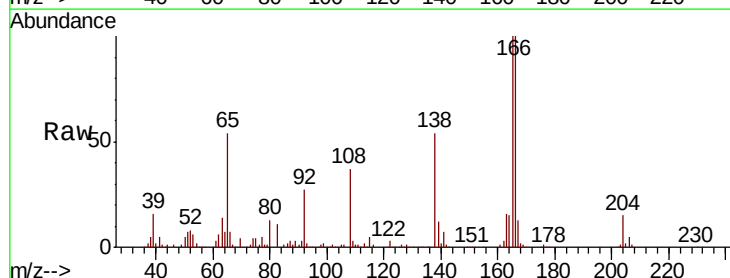
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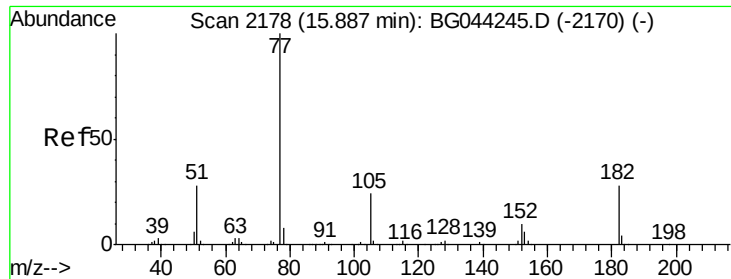
mohammad
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#62
4-Nitroaniline
Concen: 33.158 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.5	31.3	71.3
108	68.0	52.6	92.6





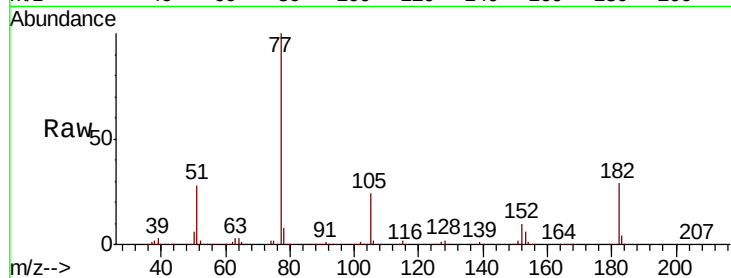
#63
Azobenzene
Concen: 38.886 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

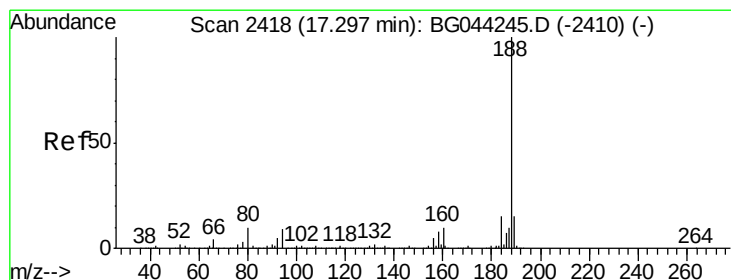
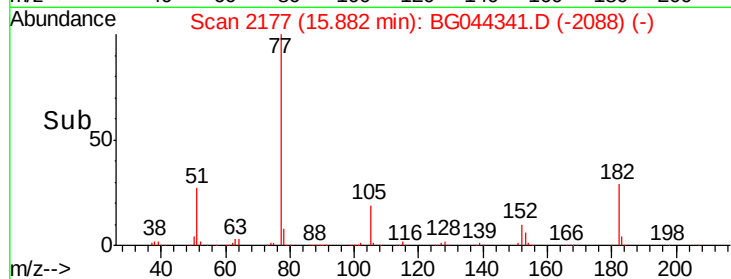
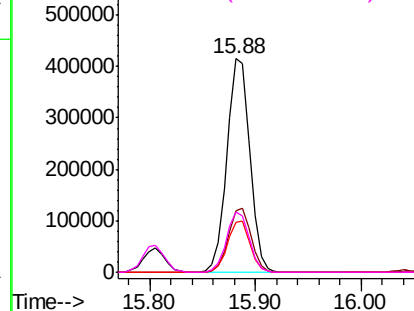
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.6	8.2	48.2	
105	23.5	3.6	43.6	
51	27.9	8.3	48.3	

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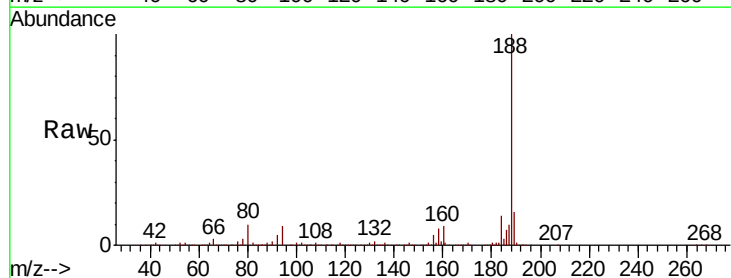


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

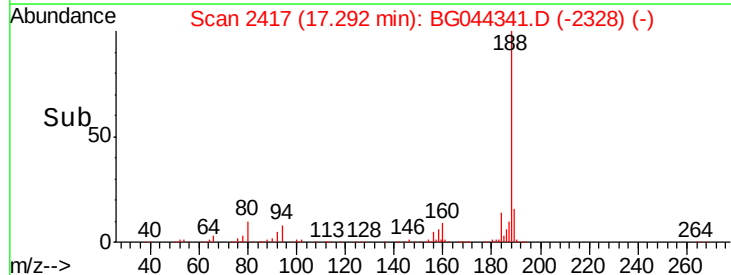
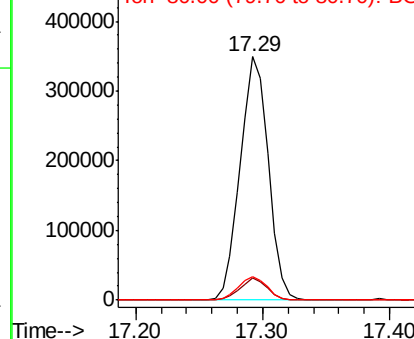


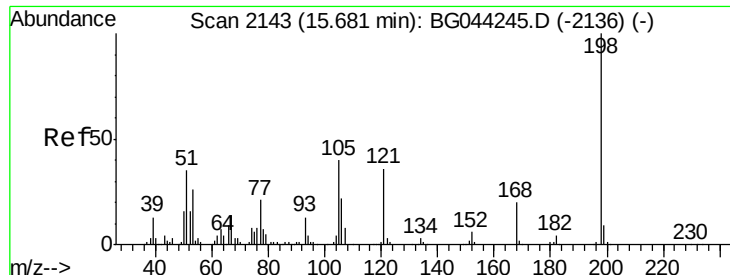
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.9	7.4	11.2	
80	9.7	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: 45.985 ng

RT: 15.68 min Scan# 2142

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

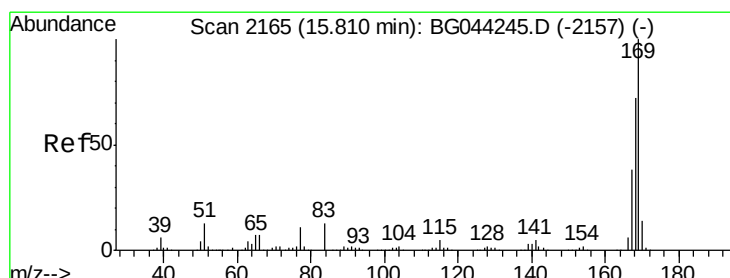
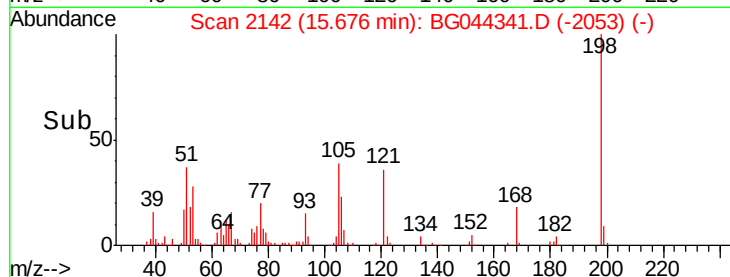
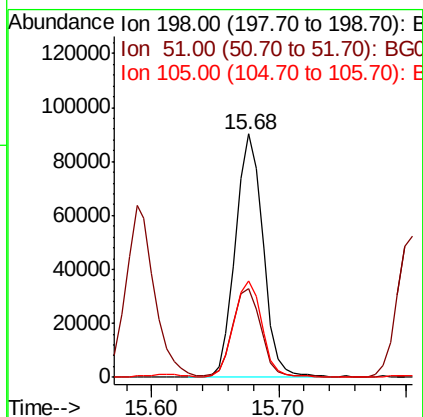
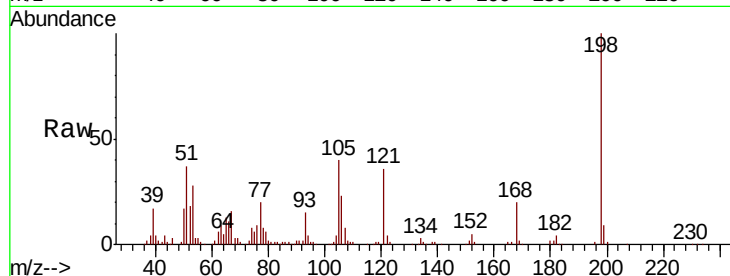
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion:	198	Resp:	136018
Ion Ratio	Lower	Upper	
198	100		
51	36.6	16.6	56.6
105	39.6	20.6	60.6

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#66

n-Nitrosodiphenylamine

Concen: 40.513 ng

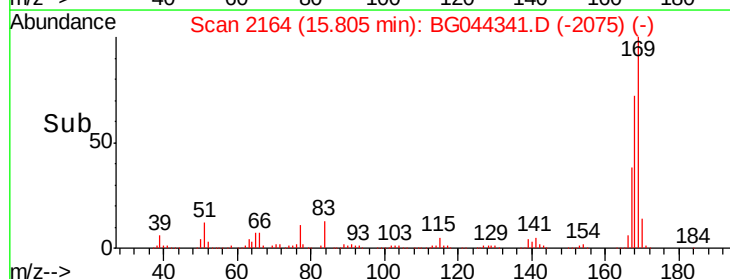
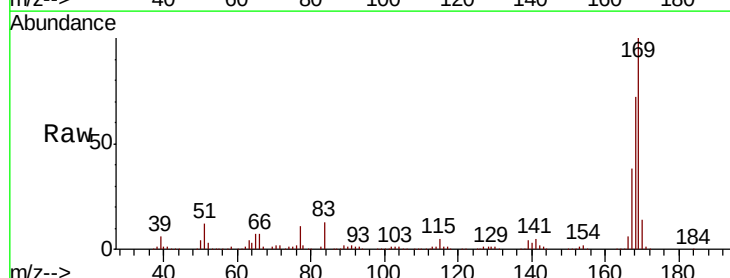
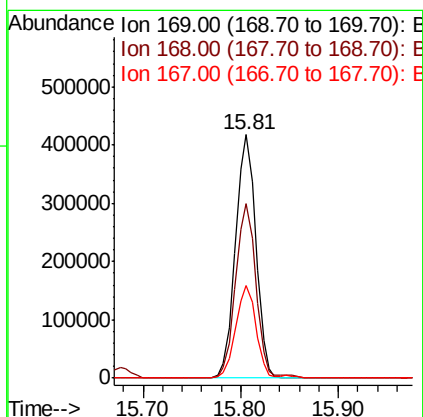
RT: 15.81 min Scan# 2164

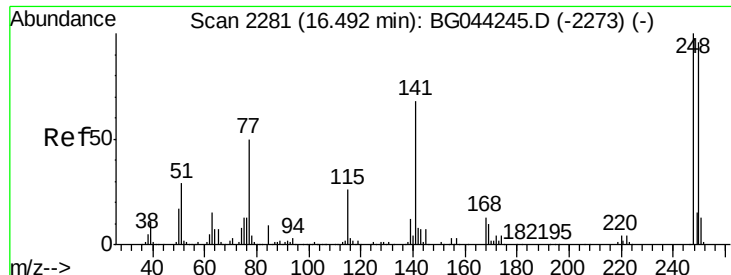
Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Tgt Ion:	169	Resp:	608380
Ion Ratio	Lower	Upper	
169	100		
168	71.6	57.9	86.9
167	38.3	30.7	46.1





#67

4-Bromophenyl-phenylether

Concen: 38.787 ng

RT: 16.49 min Scan# 2280

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

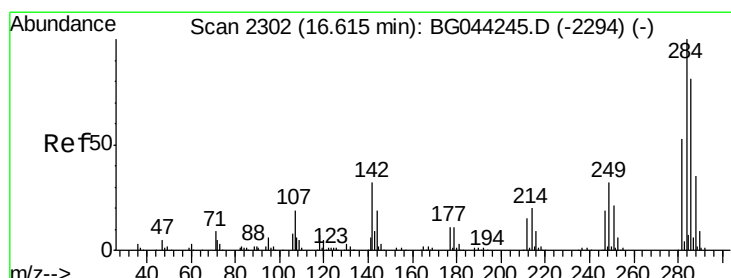
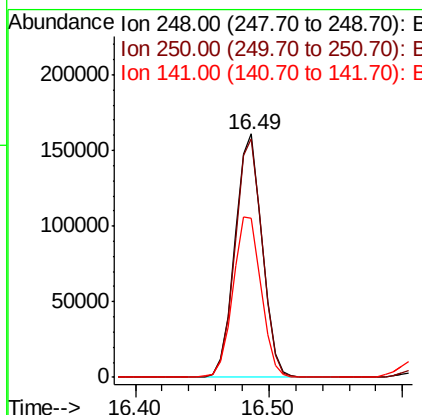
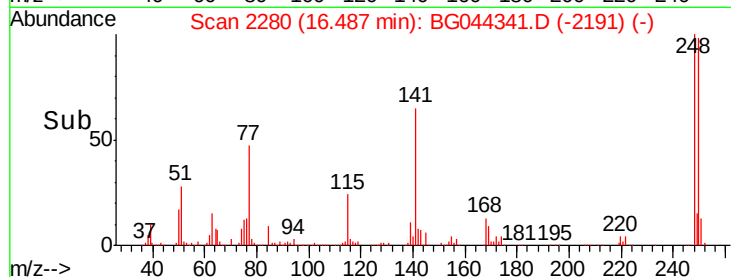
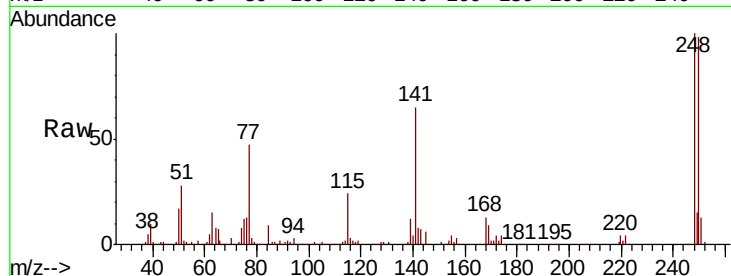
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion:	248	Resp:	226442
Ion Ratio	Lower	Upper	
248	100		
250	97.9	76.6	114.8
141	65.4	54.7	82.1

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#68

Hexachlorobenzene

Concen: 37.873 ng

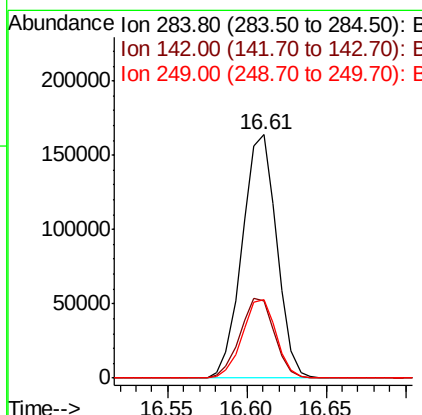
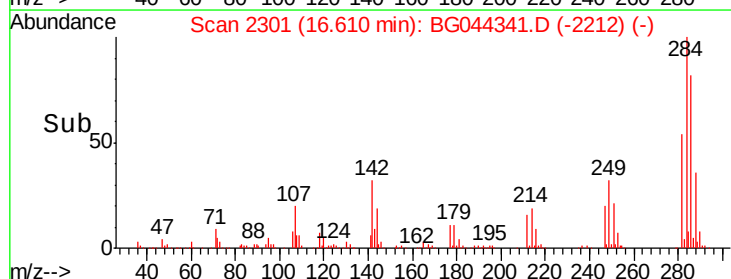
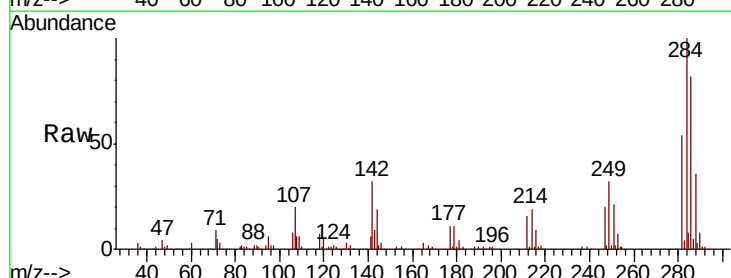
RT: 16.61 min Scan# 2301

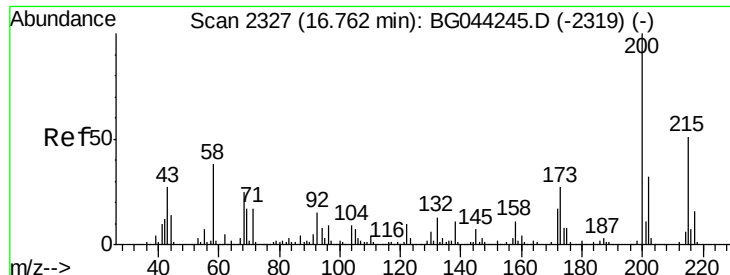
Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Tgt Ion:	284	Resp:	247709
Ion Ratio	Lower	Upper	
284	100		
142	31.6	25.3	37.9
249	32.2	25.5	38.3





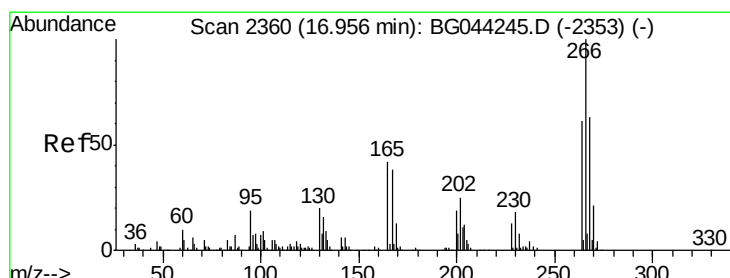
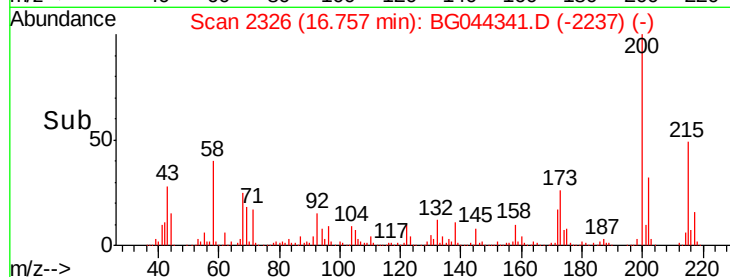
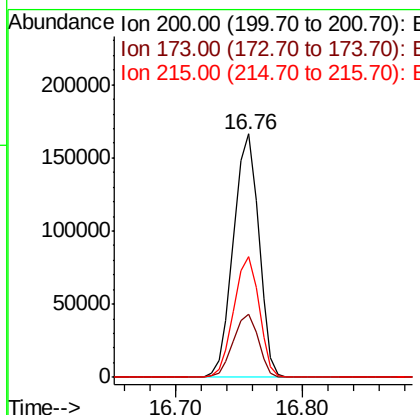
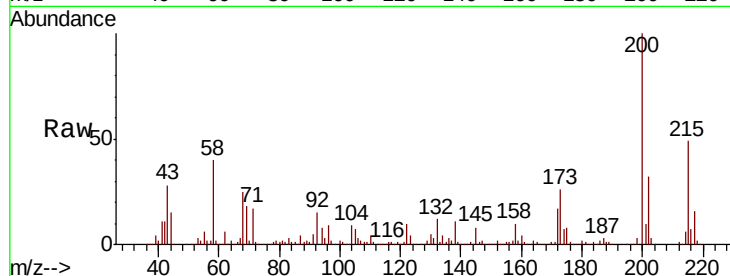
#69
 Atrazine
 Concen: 44.938 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	231299		
173	26.2	6.6	46.6	
215	49.4	31.0	71.0	

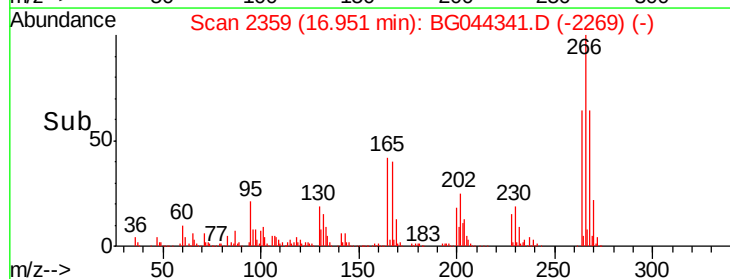
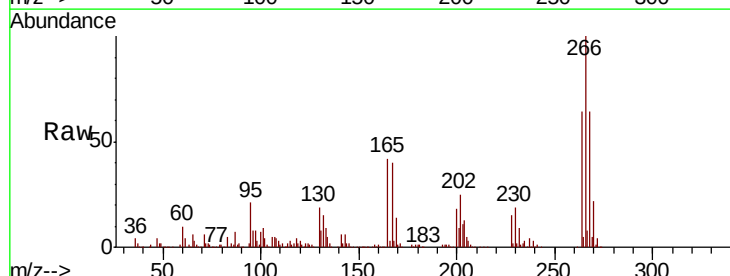
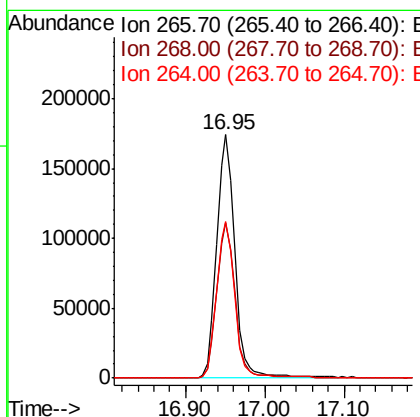
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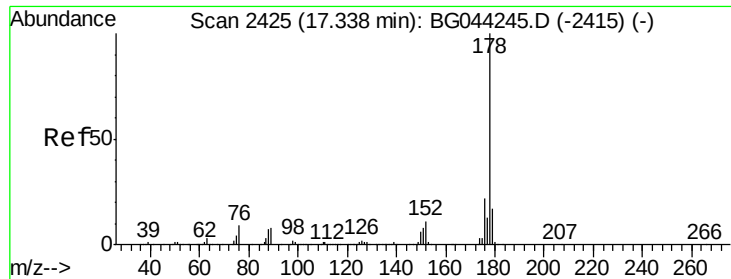
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#70
 Pentachlorophenol
 Concen: 84.063 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	278587		
268	63.5	50.6	75.8	
264	64.4	48.7	73.1	





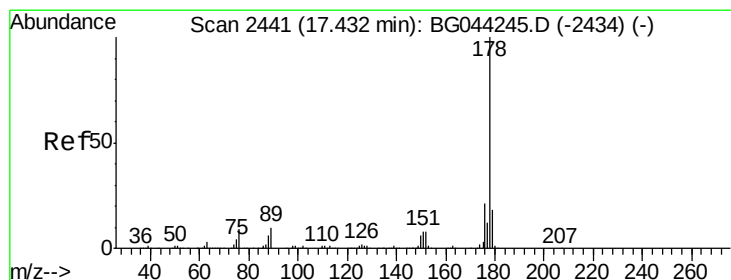
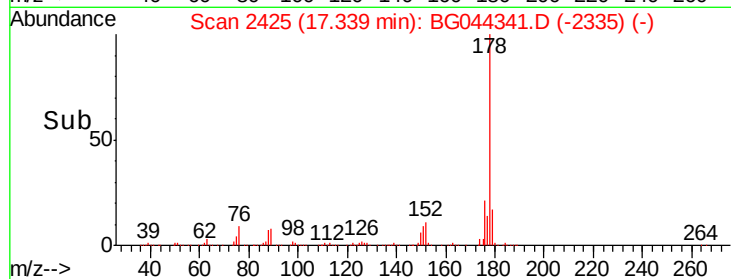
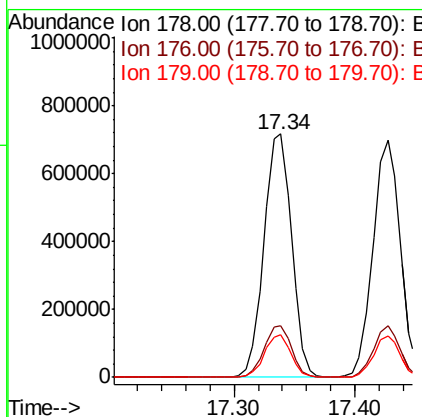
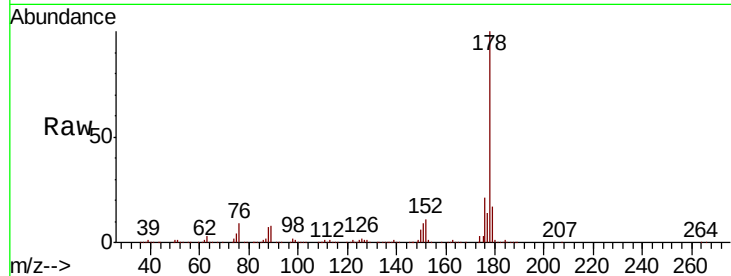
#71
 Phenanthrene
 Concen: 43.661 ng
 RT: 17.34 min Scan# 2425
 Delta R.T. 0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion:178 Resp: 1132907
 Ion Ratio Lower Upper
 178 100
 176 21.4 17.7 26.5
 179 17.4 13.7 20.5

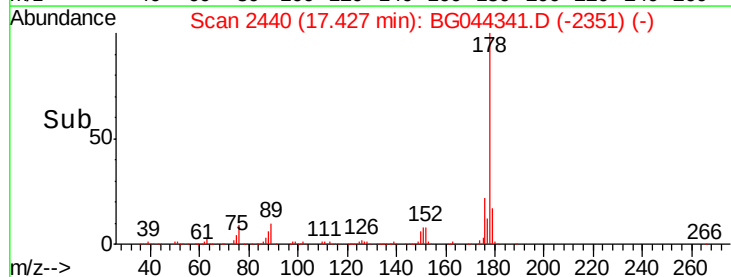
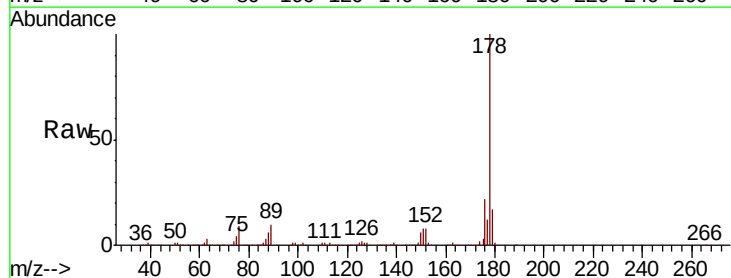
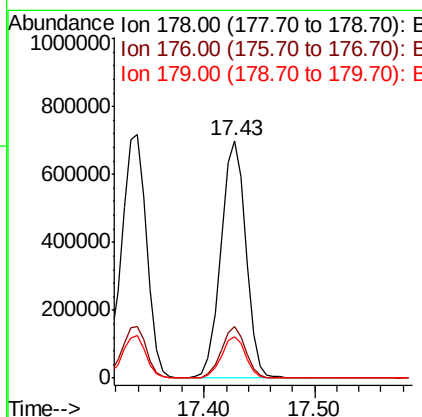
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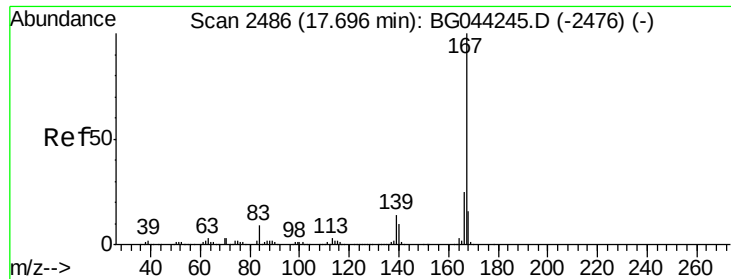
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#72
 Anthracene
 Concen: 43.002 ng
 RT: 17.43 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion:178 Resp: 1103159
 Ion Ratio Lower Upper
 178 100
 176 21.6 17.0 25.4
 179 17.5 14.4 21.6





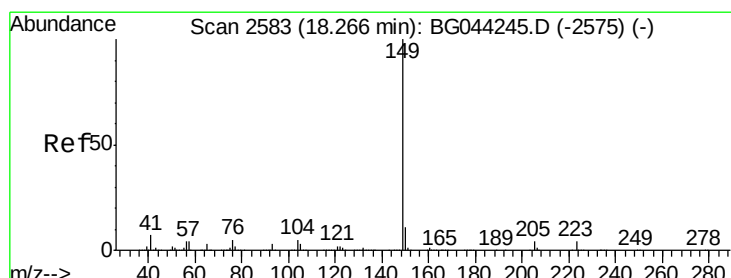
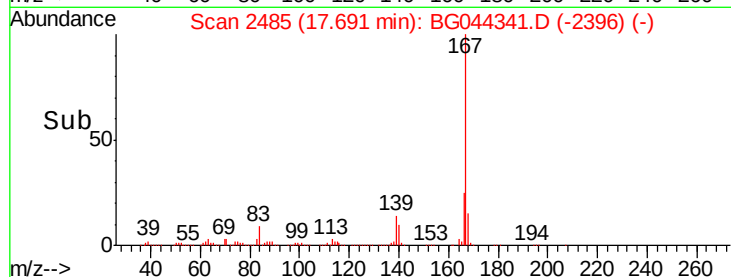
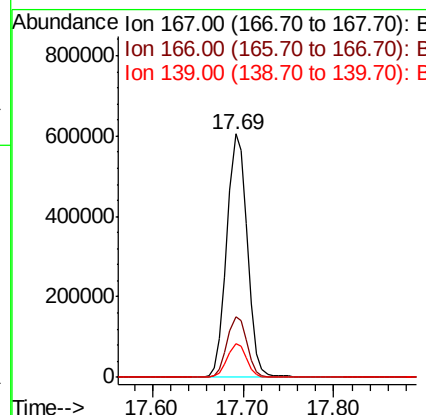
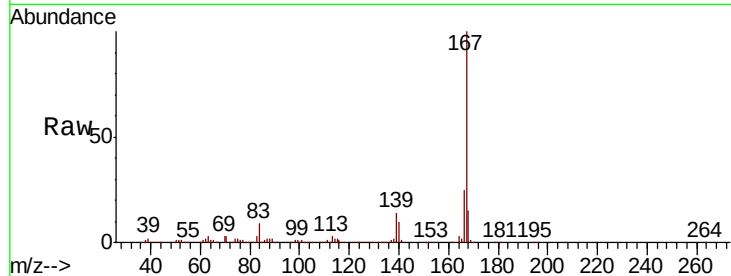
#73
 Carbazole
 Concen: 40.173 ng
 RT: 17.69 min Scan# 2485
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion:	167	Resp:	950089
Ion Ratio	Lower	Upper	
167	100		
166	24.8	19.8	29.6
139	13.7	11.1	16.7

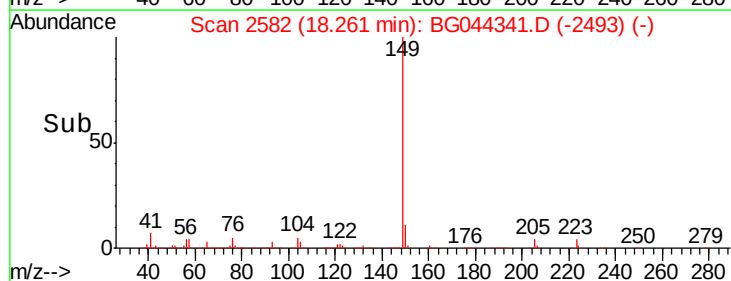
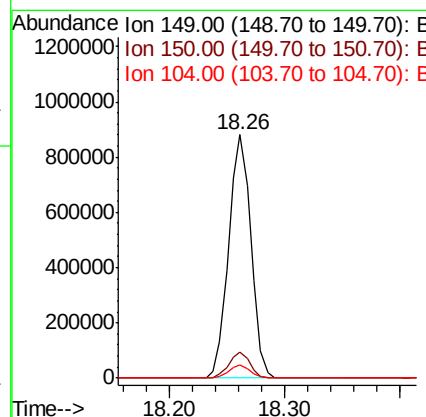
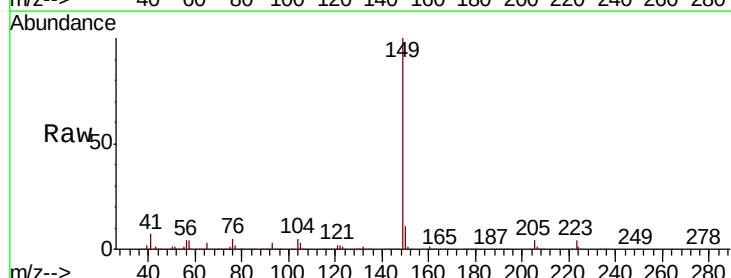
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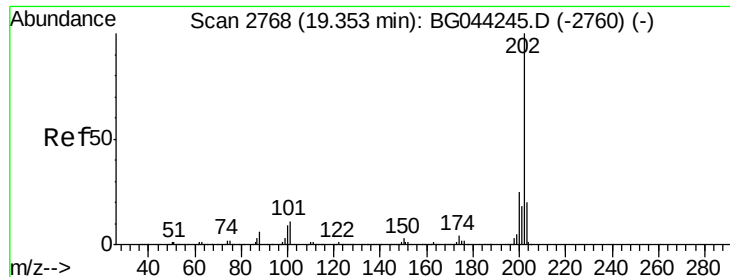
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#74
 Di-n-butylphthalate
 Concen: 40.170 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion:	149	Resp:	1173969
Ion Ratio	Lower	Upper	
149	100		
150	10.8	8.7	13.1
104	5.5	4.3	6.5





#75

Fluoranthene

Concen: 49.783 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

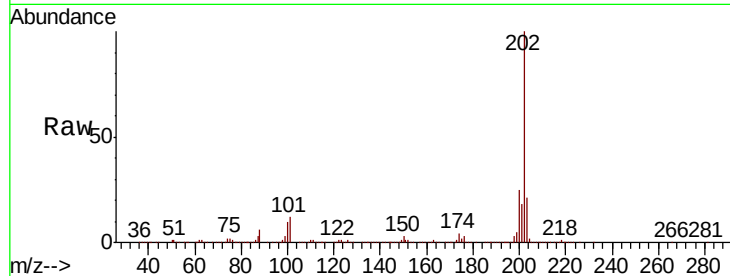
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

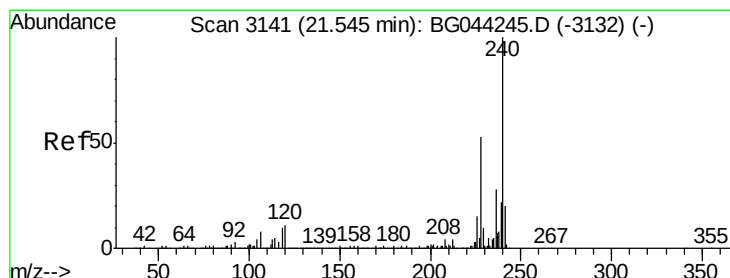
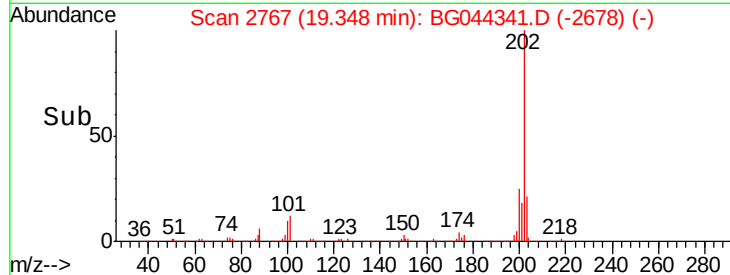
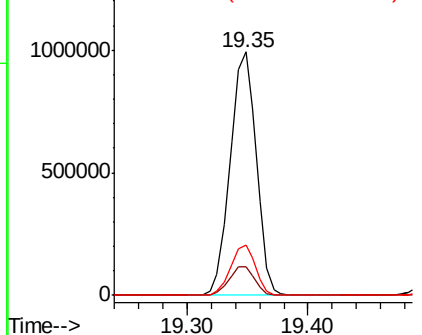
Tot Ion:	202	Resp:	1494327
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	31.3
203	20.7	0.0	39.9

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



#76

Chrysene-d12

Concen: 20.000 ng

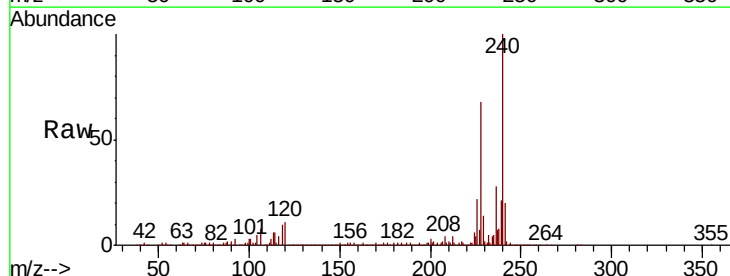
RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

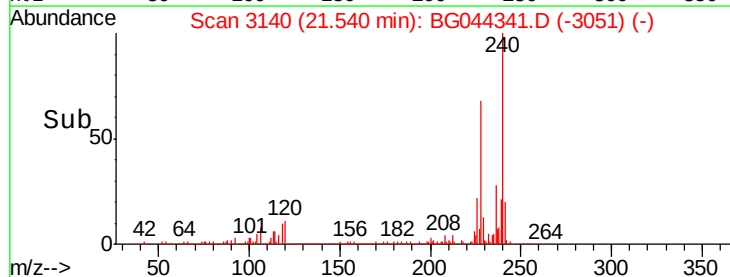
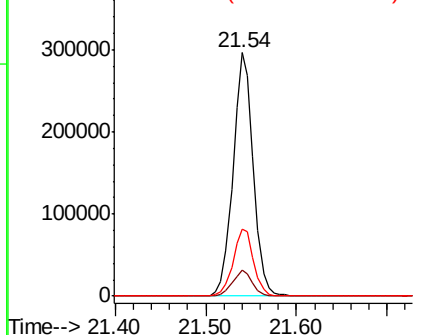
Lab File: BG044341.D

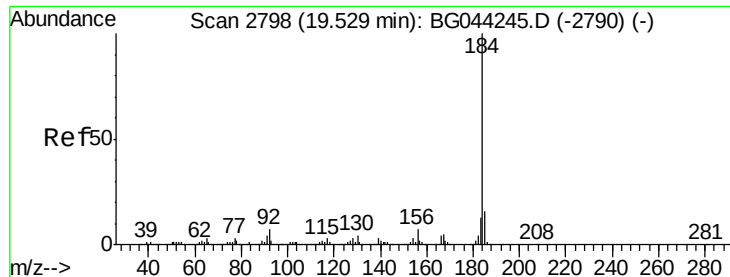
Acq: 7 Feb 2020 17:37

Tgt Ion:	240	Resp:	458936
Ion Ratio	Lower	Upper	
240	100		
120	10.9	8.4	12.6
236	27.7	22.1	33.1



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





#77

Benzidine

Concen: 18.140 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

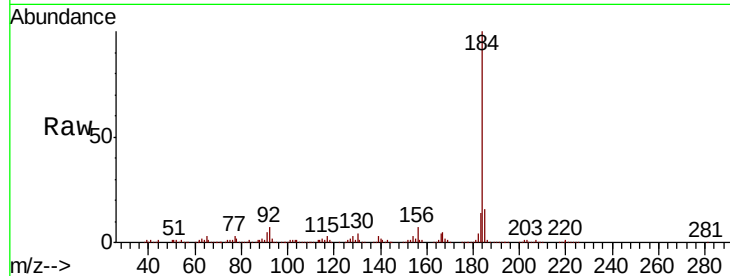
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

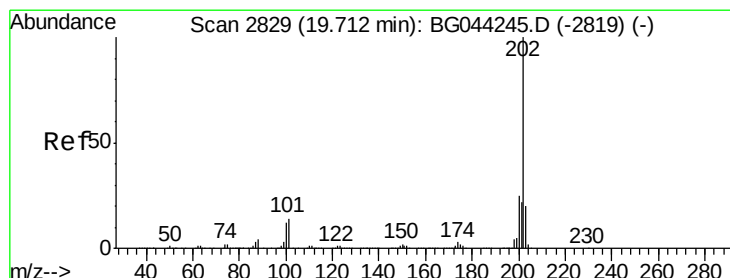
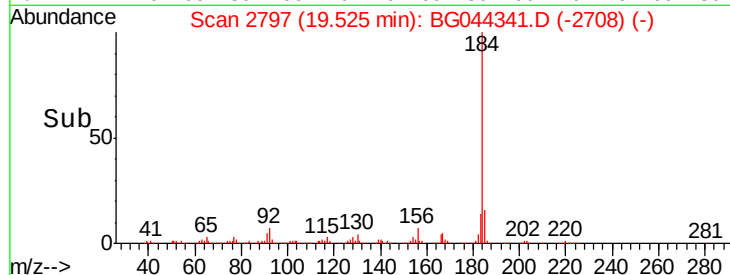
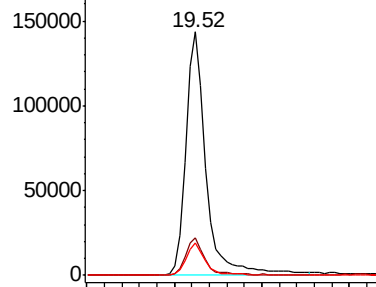
Tot Ion:	184	Resp:	230920
Ion Ratio	Lower	Upper	
184	100		
185	15.7	12.9	19.3
183	13.6	10.8	16.2

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.789 ng

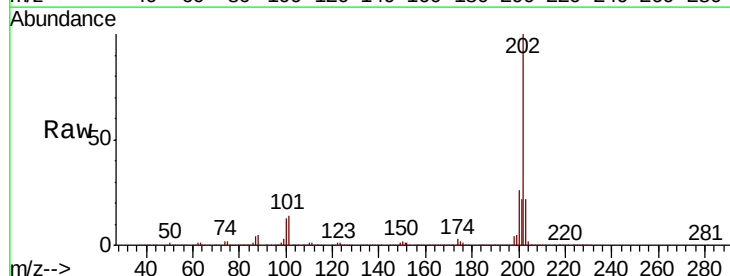
RT: 19.71 min Scan# 2828

Delta R.T. -0.00 min

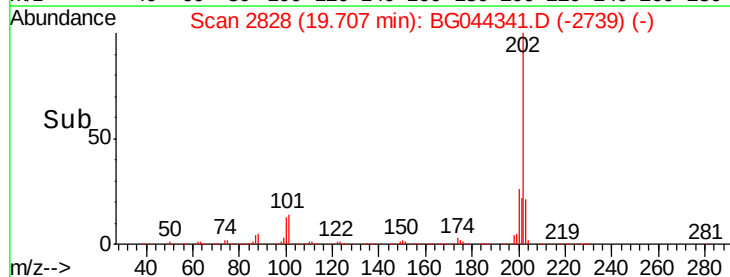
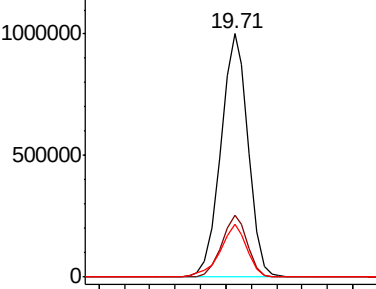
Lab File: BG044341.D

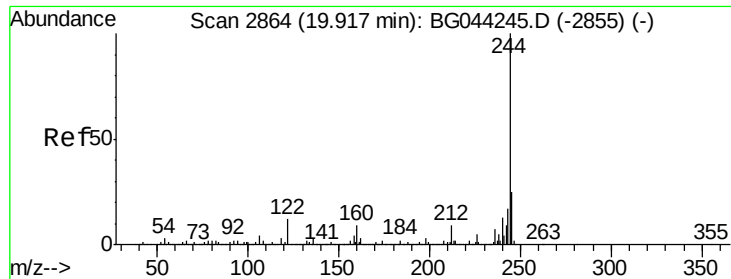
Acq: 7 Feb 2020 17:37

Tgt Ion:	202	Resp:	1496895
Ion Ratio	Lower	Upper	
202	100		
200	25.6	20.0	30.0
203	21.5	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





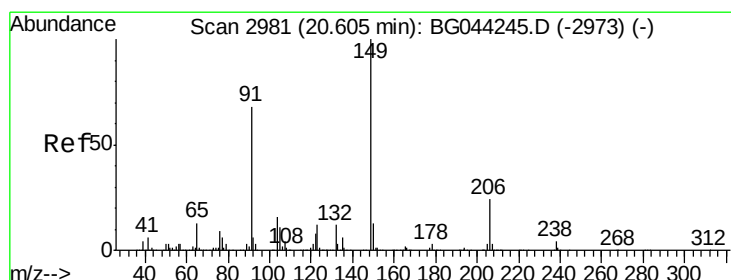
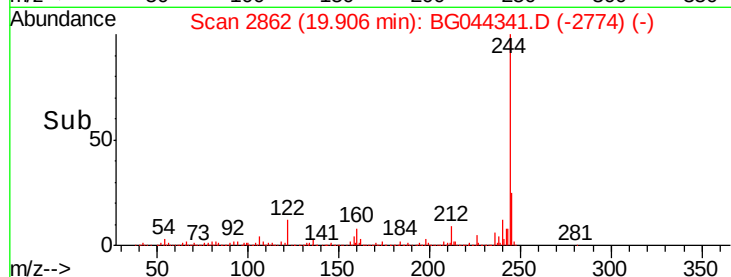
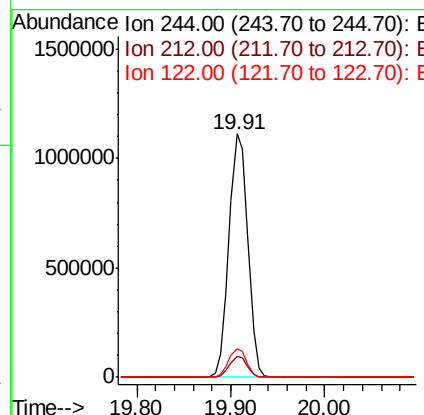
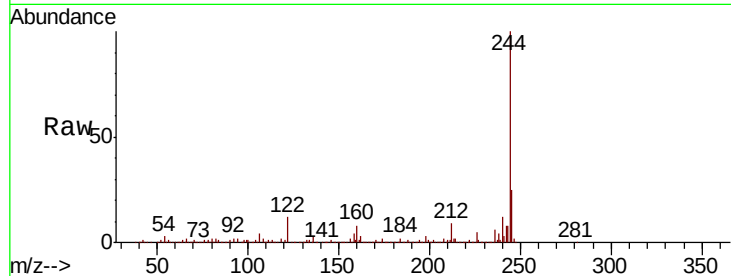
#79
 Terphenyl-d14
 Concen: 69.798 ng
 RT: 19.91 min Scan# 2862
 Delta R.T. -0.01 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.4	11.2
122	11.9	9.8	14.6

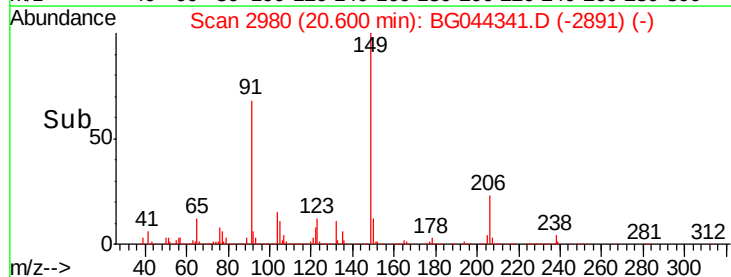
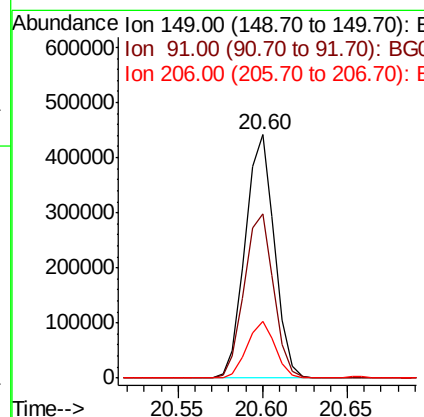
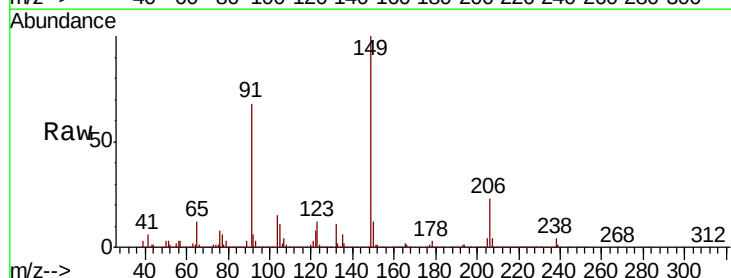
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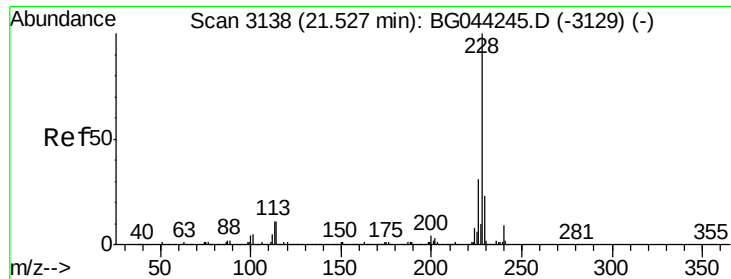
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#80
 Butylbenzylphthalate
 Concen: 39.564 ng
 RT: 20.60 min Scan# 2980
 Delta R.T. -0.00 min
 Lab File: BG044341.D
 Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.6	54.5	81.7
206	23.1	19.1	28.7





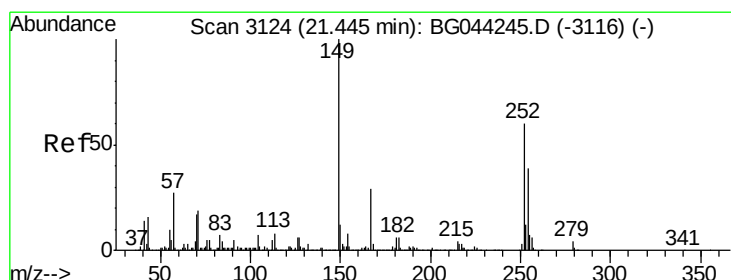
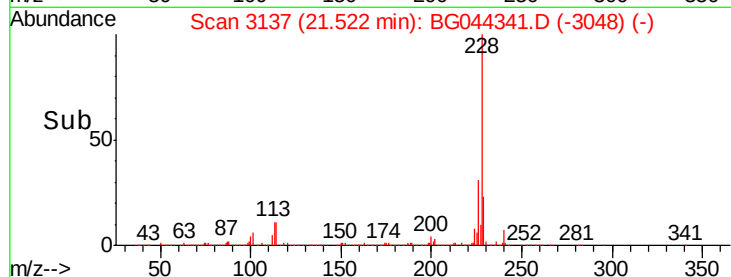
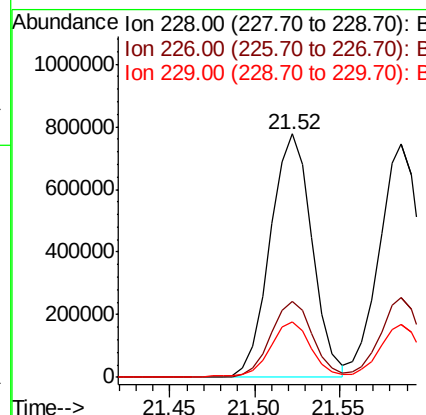
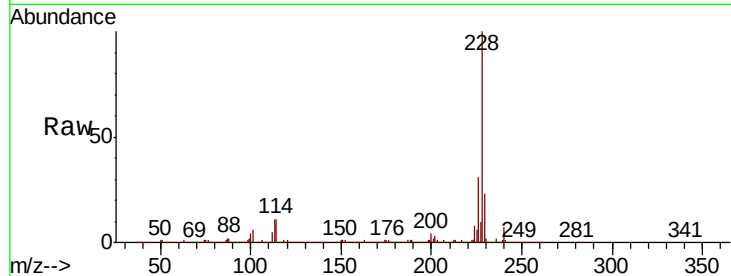
#81
Benzo(a)anthracene
Concen: 47.103 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.7	37.1
229	23.0	18.2	27.4

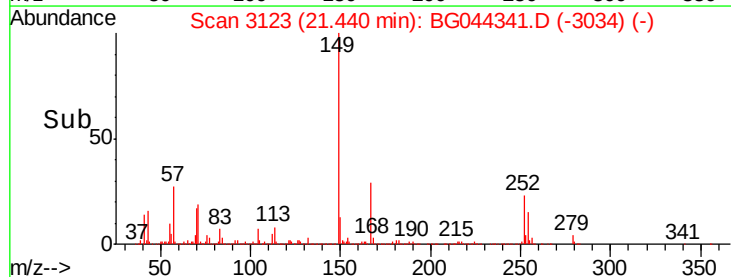
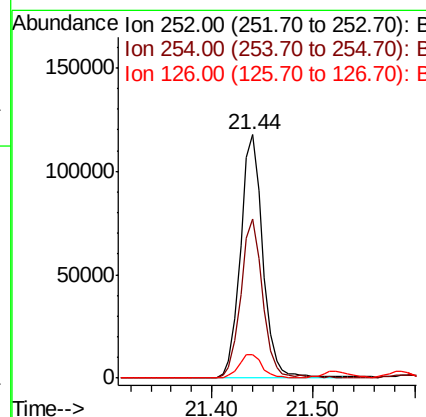
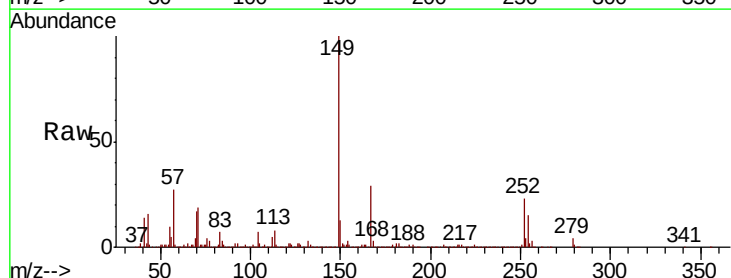
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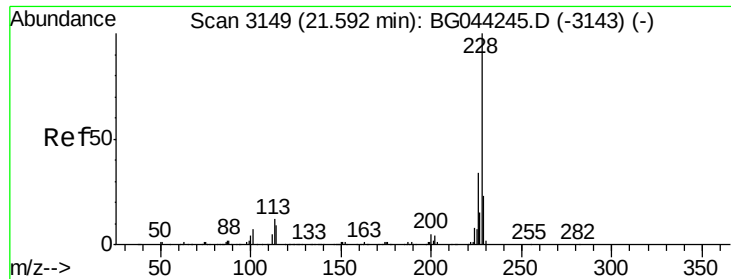
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#82
3,3'-Dichlorobenzidine
Concen: 16.456 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.2	52.6	78.8
126	9.7	8.2	12.4





#83

Chrysene

Concen: 45.862 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion:228 Resp: 1253849

Ion Ratio Lower Upper

228 100

226 34.2 27.1 40.7

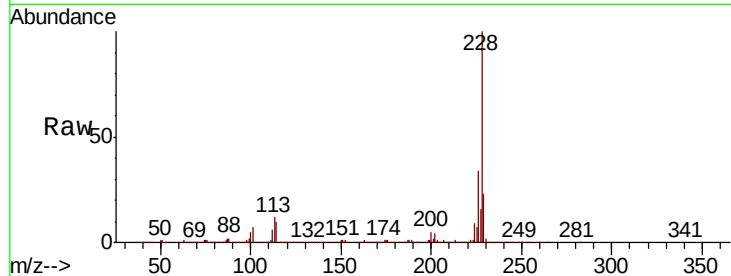
229 22.9 17.9 26.9

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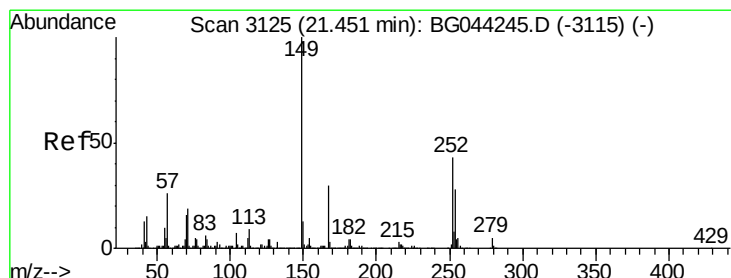
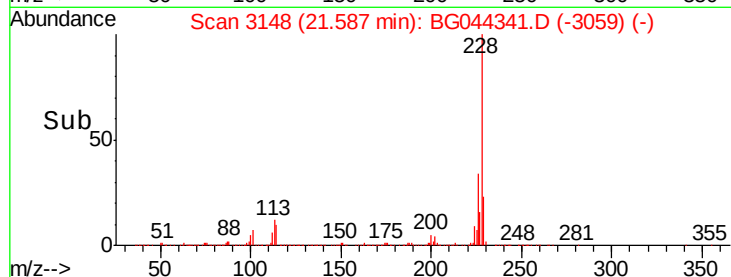
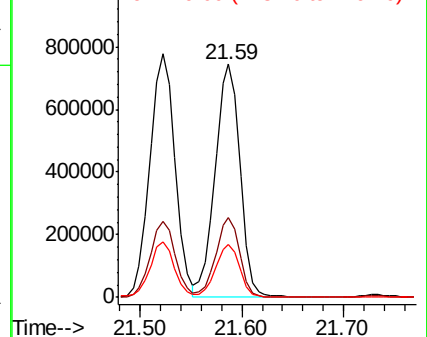


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.247 ng

RT: 21.45 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

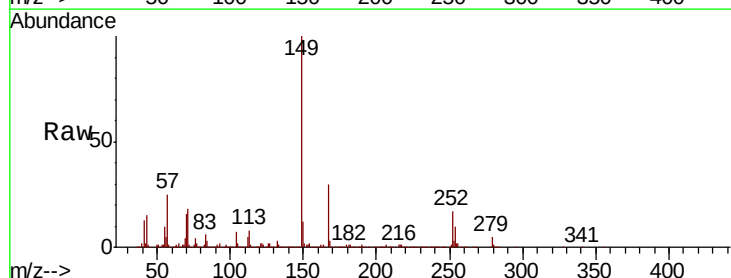
Tgt Ion:149 Resp: 762524

Ion Ratio Lower Upper

149 100

167 29.7 24.0 36.0

279 4.8 3.8 5.8

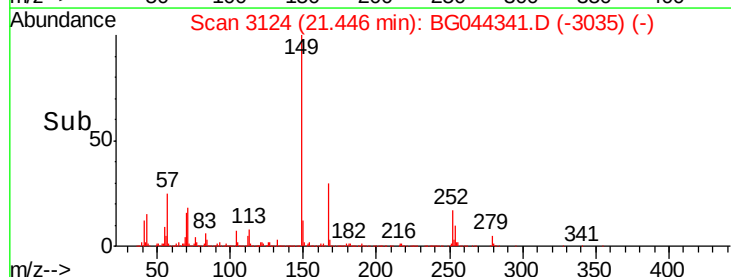
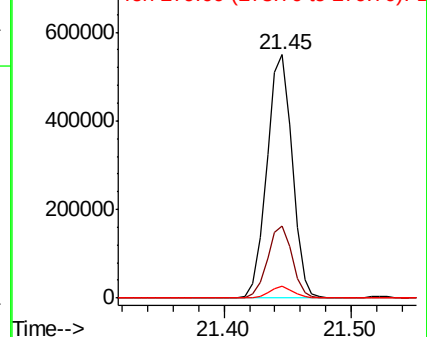


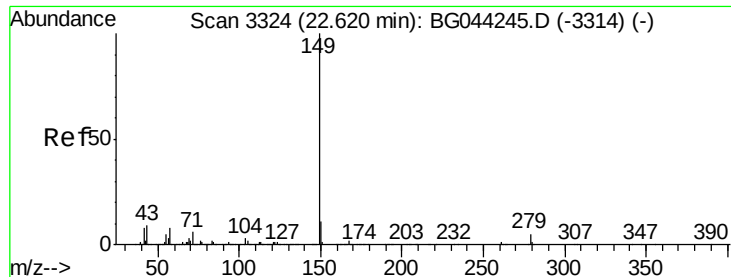
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.486 ng

RT: 22.61 min Scan# 3322

Delta R.T. -0.01 min

Lab File: BG044341.D

Acq: 7 Feb 2020 17:37

Instrument :

BNA_G

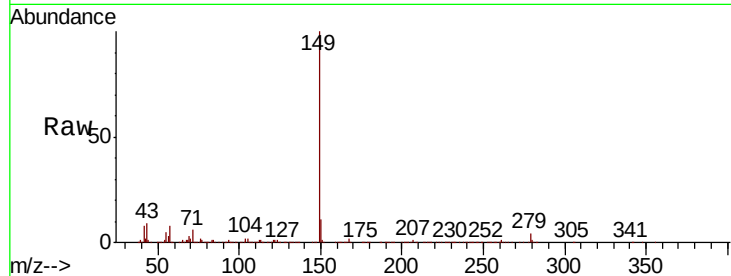
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

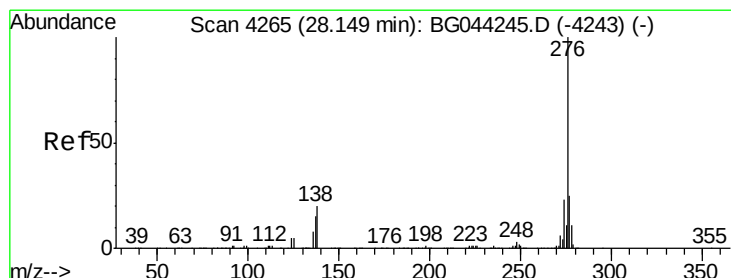
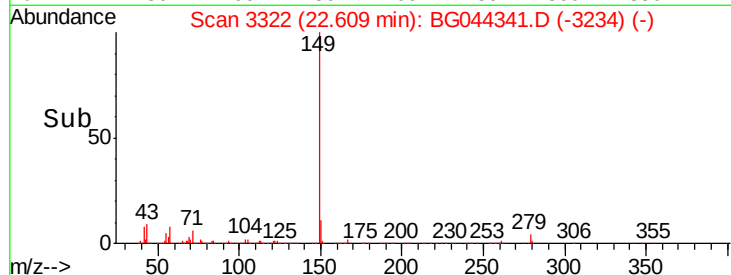
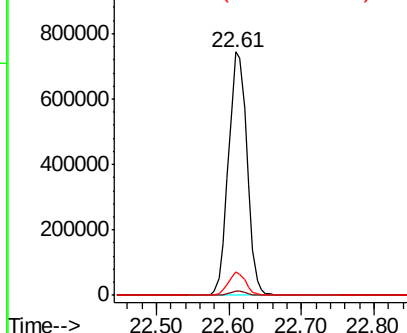
Tot Ion:	149	Resp:	1326992
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	8.9	7.4	11.0

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.491 ng

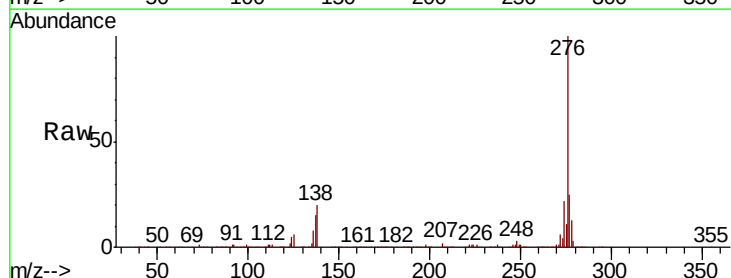
RT: 28.14 min Scan# 4263

Delta R.T. -0.01 min

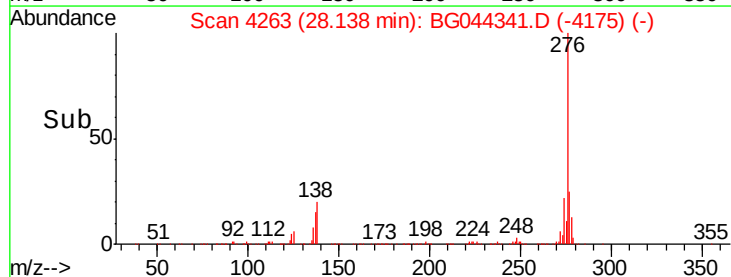
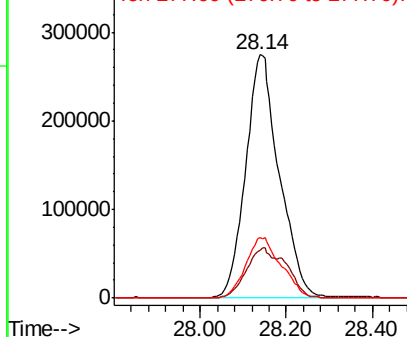
Lab File: BG044341.D

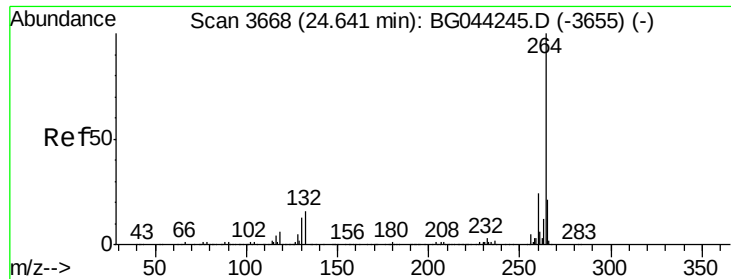
Acq: 7 Feb 2020 17:37

Tgt Ion:	276	Resp:	1515610
Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	25.9	21.0	31.6



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





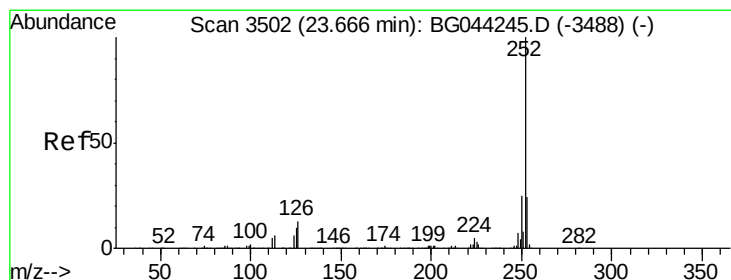
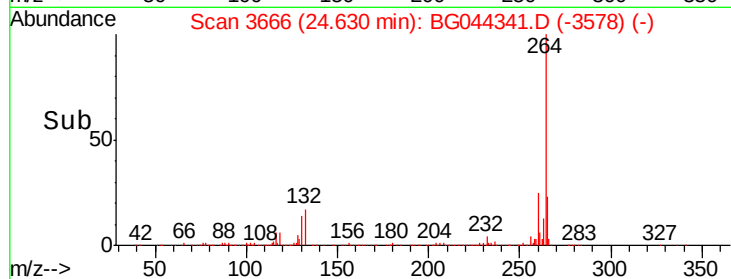
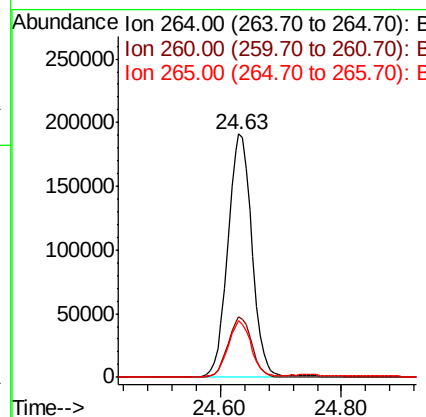
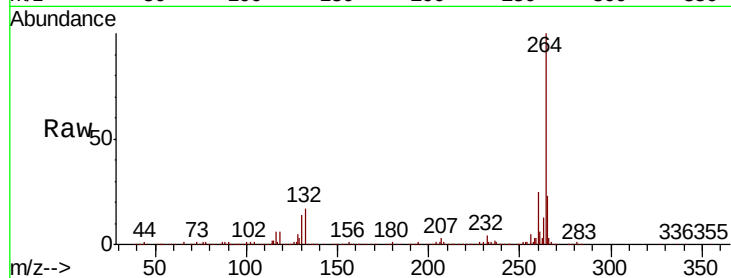
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.63 min Scan# 3666
Delta R.T. -0.01 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.2
265	23.1	16.7	25.1

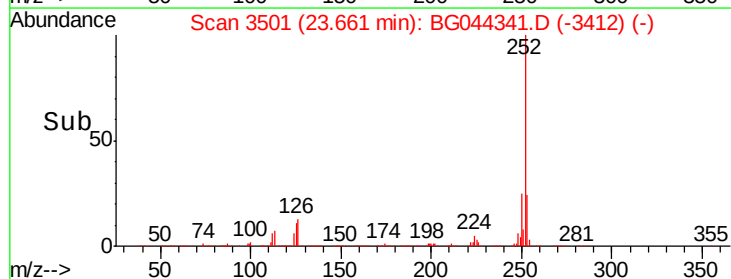
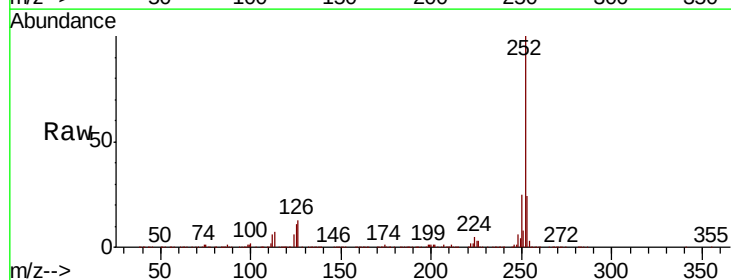
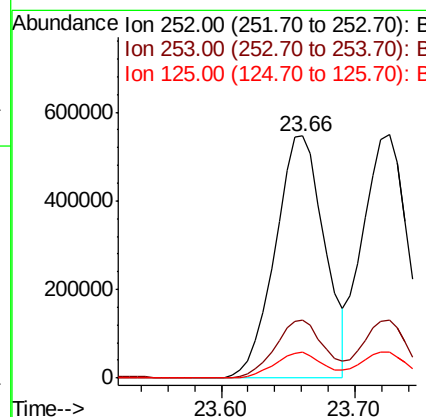
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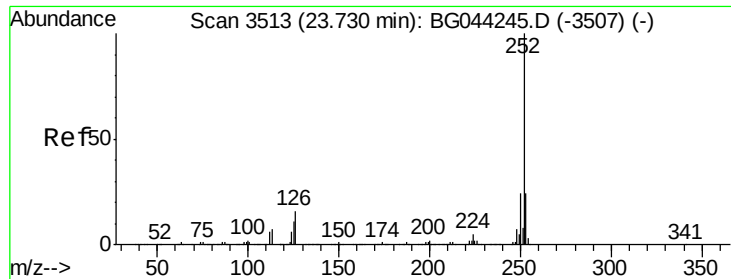
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#88
Benzo(b)fluoranthene
Concen: 45.752 ng
RT: 23.66 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.6	8.4	12.6





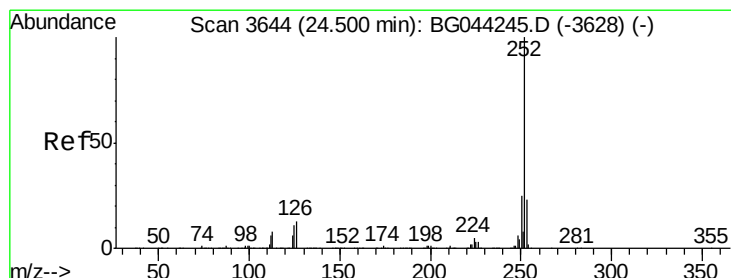
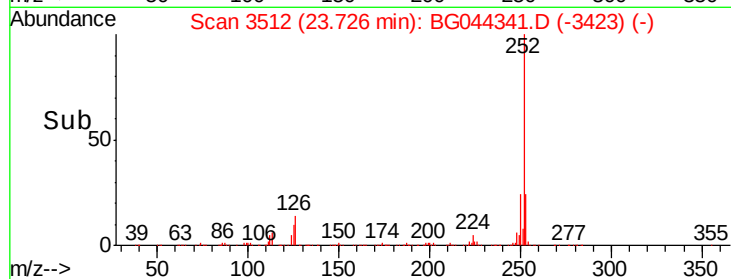
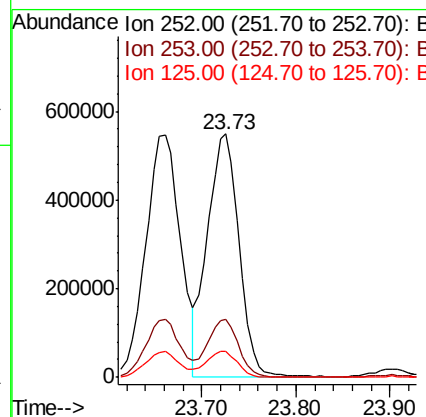
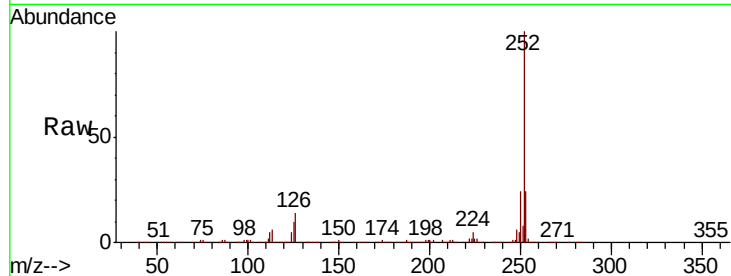
#89
Benzo(k)fluoranthene
Concen: 43.371 ng
RT: 23.73 min Scan# 3512
Delta R.T. -0.00 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.1	28.7
125	10.5	8.6	12.8

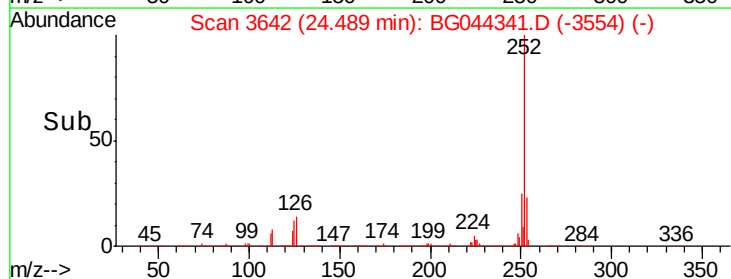
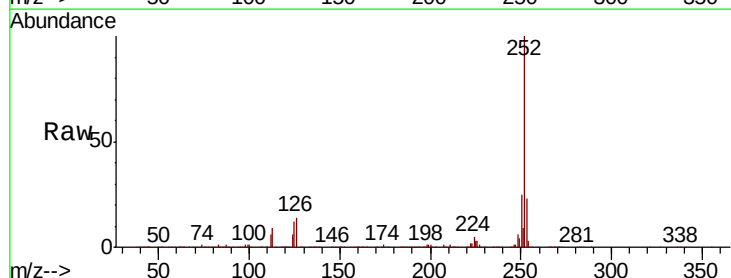
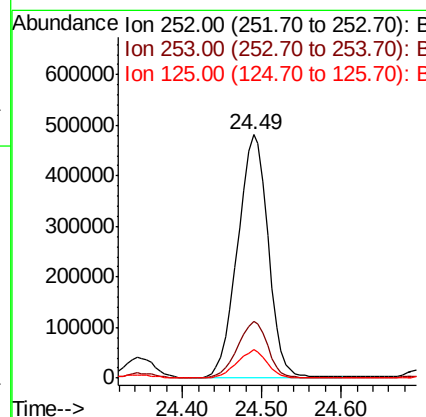
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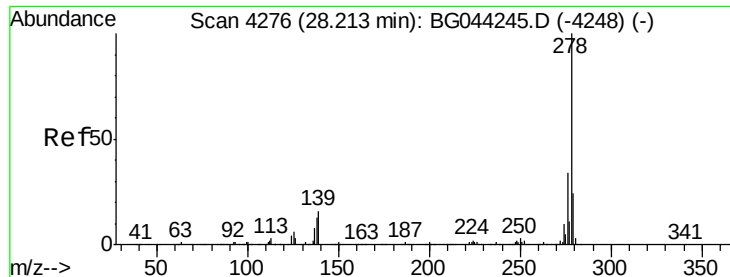
mohammad
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#90
Benzo(a)pyrene
Concen: 44.285 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.8	8.6	13.0





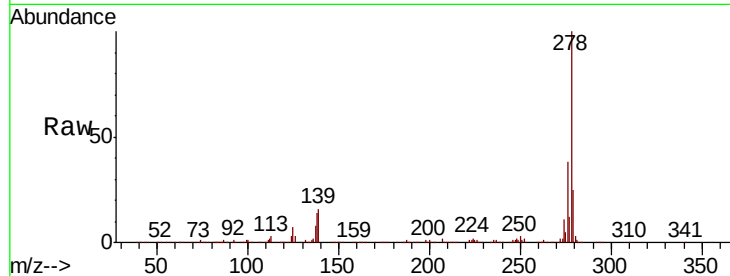
#91
Dibenzo(a,h)anthracene
Concen: 41.278 ng
RT: 28.20 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.7	19.1
279	25.3	19.3	28.9

Manual Integrations
APPROVED

mohammad
2/11/2020 8:26:00 AM

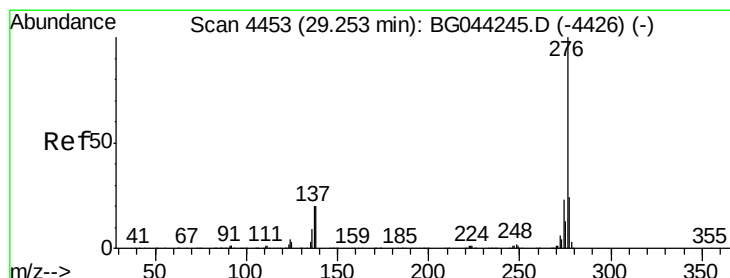
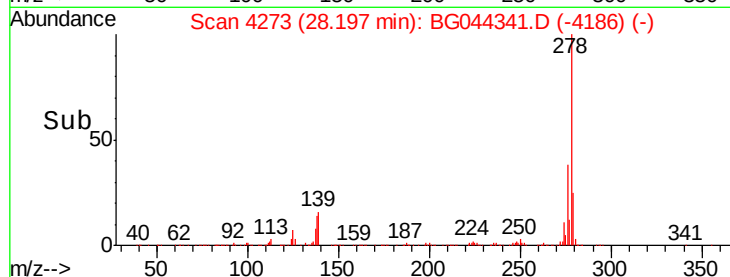
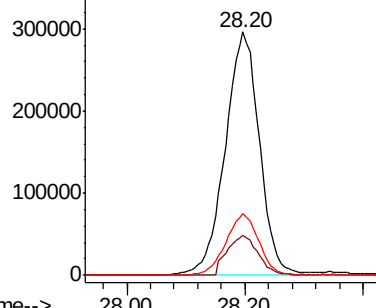


Abundance

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: 44.938 ng
RT: 29.24 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG044341.D
Acq: 7 Feb 2020 17:37

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.8	28.2
138	20.6	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

