

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
 Data File : BG044325.D
 Acq On : 6 Feb 2020 16:35
 Operator : CG/JU
 Sample : L1408-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Feb 06 21:47:14 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	93533	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	395475	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	264197	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	565521	20.00	ng	0.00
76) Chrysene-d12	21.54	240	490213	20.00	ng	0.00
87) Perylene-d12	24.64	264	566407	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	626961	118.30	ng	0.00
7) Phenol-d6	7.09	99	837578	117.69	ng	0.00
23) Nitrobenzene-d5	9.07	82	495955	70.80	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	344387	111.04	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1153301	73.10	ng	0.00
79) Terphenyl-d14	19.91	244	1607597	67.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	84816	35.620	ng	99
3) Pyridine	3.77	79	204297	32.203	ng	98
4) n-Nitrosodimethylamine	3.68	42	103039	38.868	ng	98
6) Aniline	7.23	93	187459	21.221	ng	99
8) 2-Chlorophenol	7.48	128	265943	45.658	ng	99
9) Benzaldehyde	7.05	77	116220	28.673	ng	98
10) Phenol	7.12	94	328702	46.669	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	237439	39.432	ng	98
12) 1,3-Dichlorobenzene	7.80	146	268543	38.615	ng	98
13) 1,4-Dichlorobenzene	7.95	146	268713	39.013	ng	100
14) 1,2-Dichlorobenzene	8.27	146	253742	38.975	ng	99
15) Benzyl Alcohol	8.15	79	213022	42.279	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	302040	37.060	ng	99
17) 2-Methylphenol	8.36	107	225799	44.933	ng	99
18) Hexachloroethane	9.00	117	96972	37.518	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	184247	38.846	ng	98
20) 3+4-Methylphenols	8.69	107	309510	44.691	ng	99
22) Acetophenone	8.73	105	355408	36.942	ng	98
24) Nitrobenzene	9.11	77	263270	38.498	ng	100
25) Isophorone	9.64	82	518924	39.745	ng	98
26) 2-Nitrophenol	9.82	139	150822	42.503	ng	98
27) 2,4-Dimethylphenol	9.89	122	257681	51.443	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	329423	37.822	ng	99
29) 2,4-Dichlorophenol	10.36	162	265477	43.831	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	260108	37.453	ng	100
31) Naphthalene	10.76	128	761338	39.679	ng	99
32) Benzoic acid	10.05	122	130831	42.117	ng	91
33) 4-Chloroaniline	10.87	127	112069	12.842	ng	97
34) Hexachlorobutadiene	11.06	225	152212	35.618	ng	99
35) Caprolactam	11.63	113	53647	24.179	ng	96
36) 4-Chloro-3-methylphenol	12.00	107	278737	43.894	ng	99
37) 2-Methylnaphthalene	12.37	142	577321	40.525	ng	99
38) 1-Methylnaphthalene	12.59	142	552550	41.140	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	285183	36.085	ng	99

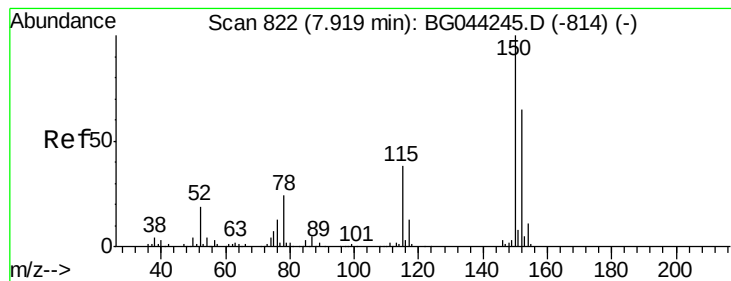
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 30 16:05:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	337908	89.109	ng	100
43) 2,4,6-Trichlorophenol	12.99	196	214995	42.087	ng	98
44) 2,4,5-Trichlorophenol	13.06	196	230833	44.241	ng	98
46) 1,1'-Biphenyl	13.38	154	739433	38.802	ng	100
47) 2-Chloronaphthalene	13.43	162	577472	38.081	ng	99
48) 2-Nitroaniline	13.62	65	167336	37.391	ng	97
49) Acenaphthylene	14.27	152	925333	41.603	ng	100
50) Dimethylphthalate	14.01	163	828736	43.638	ng	99
51) 2,6-Dinitrotoluene	14.12	165	168701	39.841	ng	99
52) Acenaphthene	14.61	154	570752	39.589	ng	98
53) 3-Nitroaniline	14.45	138	92351	19.713	ng	98
54) 2,4-Dinitrophenol	14.66	184	195732	78.199	ng	97
55) Dibenzofuran	14.95	168	877326	40.193	ng	100
56) 4-Nitrophenol	14.77	139	304820	88.828	ng	98
57) 2,4-Dinitrotoluene	14.91	165	232895	39.242	ng	94
58) Fluorene	15.60	166	693301	40.327	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	199762	42.386	ng	98
60) Diethylphthalate	15.37	149	743139	39.271	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	364000	39.049	ng	99
62) 4-Nitroaniline	15.62	138	163982	35.030	ng	95
63) Azobenzene	15.88	77	653228	39.387	ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	143954	46.114	ng	98
66) n-Nitrosodiphenylamine	15.81	169	648807	40.938	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	240431	39.023	ng	98
68) Hexachlorobenzene	16.61	284	261532	37.888	ng	99
69) Atrazine	16.76	200	241923	44.536	ng	98
70) Pentachlorophenol	16.95	266	290109	82.989	ng	97
71) Phenanthrene	17.34	178	1198250	43.757	ng	100
72) Anthracene	17.43	178	1172963	43.324	ng	99
73) Carbazole	17.70	167	1001505	40.126	ng	99
74) Di-n-butylphthalate	18.26	149	1219341	39.533	ng	99
75) Fluoranthene	19.35	202	1541633	48.665	ng	97
77) Benzidine	19.52	184	255921	18.821	ng	97
78) Pyrene	19.71	202	1551761	49.291	ng	98
80) Butylbenzylphthalate	20.60	149	560147	39.044	ng	99
81) Benzo(a)anthracene	21.52	228	1392949	46.105	ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	262767	22.409	ng	98
83) Chrysene	21.59	228	1320903	45.232	ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	798453	40.435	ng	100
85) Di-n-octyl phthalate	22.62	149	1387717	40.616	ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1588509	41.694	ng	100
88) Benzo(b)fluoranthene	23.66	252	1454390	44.561	ng	100
89) Benzo(k)fluoranthene	23.73	252	1357732	42.682	ng	100
90) Benzo(a)pyrene	24.49	252	1347615	43.670	ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1254243	41.068	ng	98
92) Benzo(g,h,i)perylene	29.24	276	1347976	44.090	ng	98

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

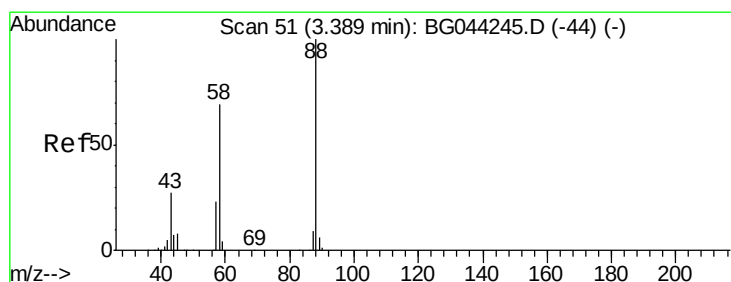
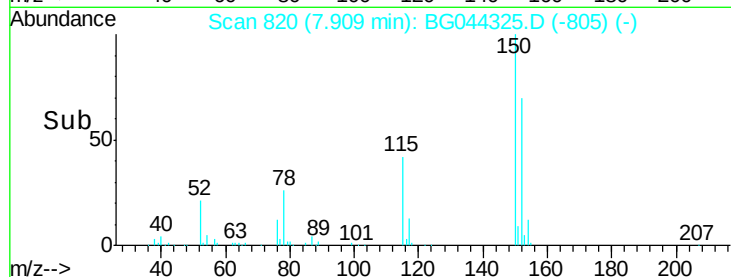
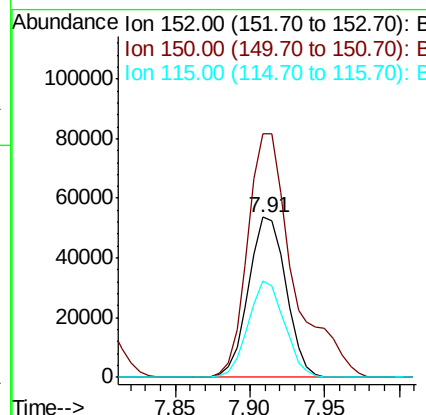
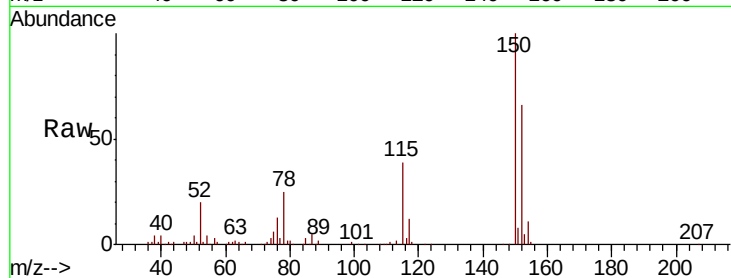


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

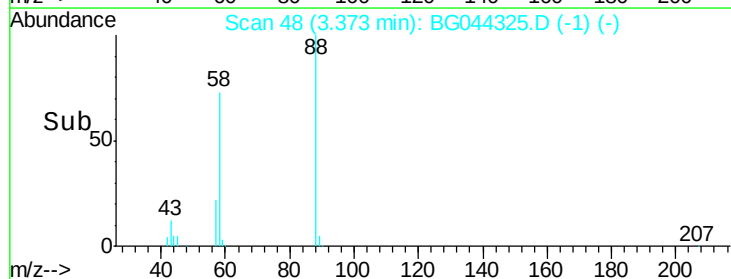
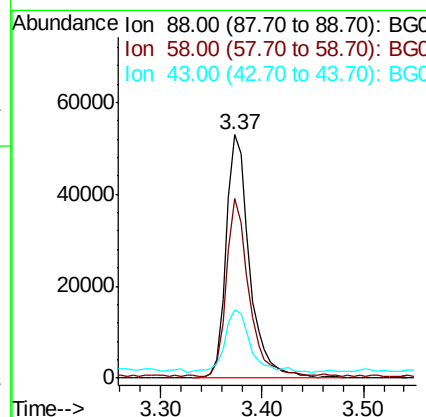
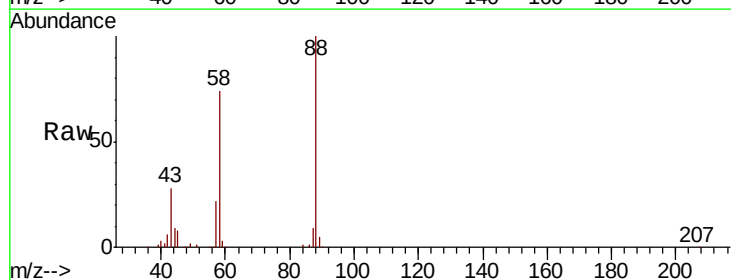
Tot Ion:152 Resp: 93533
Ion Ratio Lower Upper
152 100
150 151.9 122.6 183.8
115 59.8 46.0 69.0

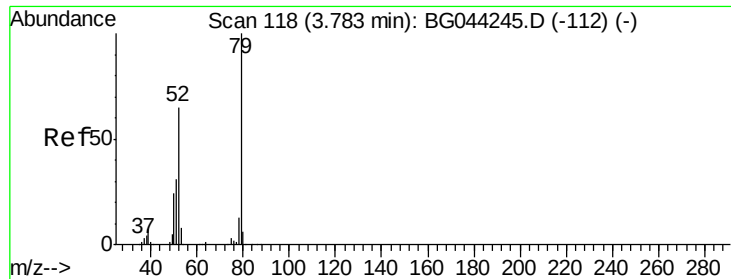


#2

1,4-Dioxane
Concen: 35.620 ng
RT: 3.37 min Scan# 48
Delta R.T. -0.02 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion: 88 Resp: 84816
Ion Ratio Lower Upper
88 100
58 70.4 55.8 83.6
43 28.2 21.6 32.4





#3

Pvridine

Concen: 32.203 ng

RT: 3.77 min Scan# 115

Delta R.T. -0.02 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

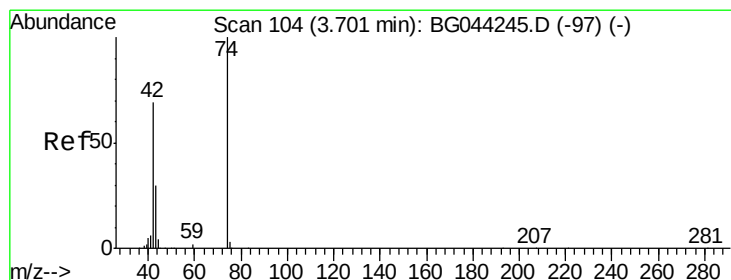
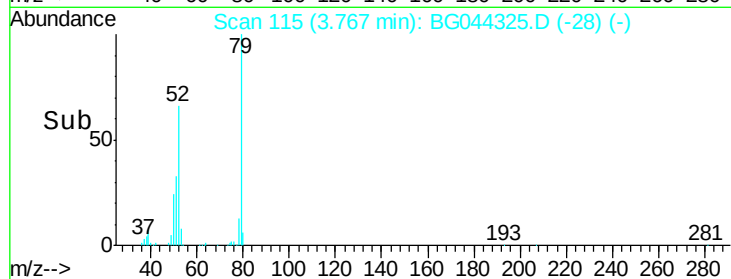
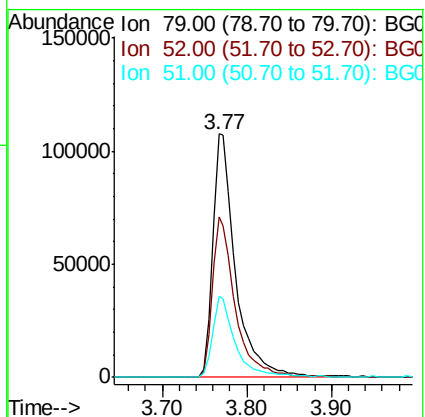
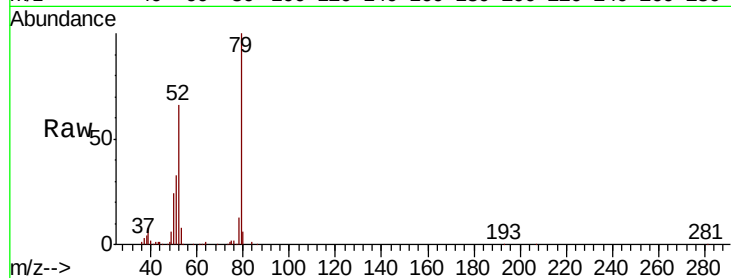
Tot Ion: 79 Resp: 204297

Ion Ratio Lower Upper

79 100

52 66.1 51.9 77.9

51 33.1 25.3 37.9



#4

n-Nitrosodimethylamine

Concen: 38.868 ng

RT: 3.68 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

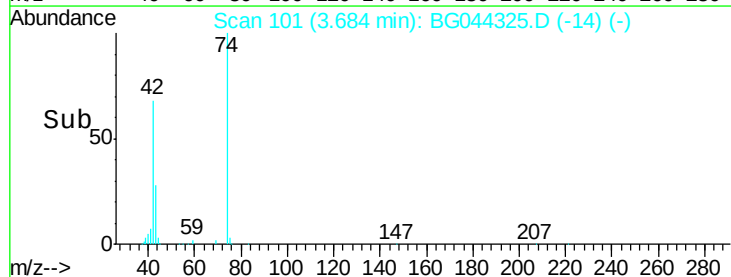
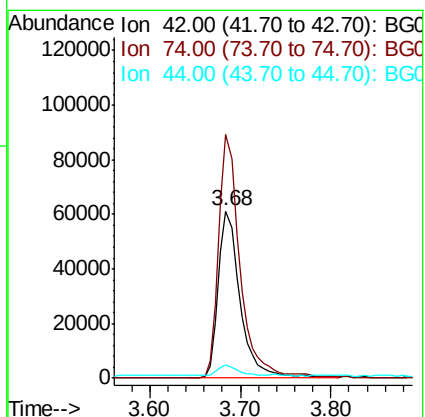
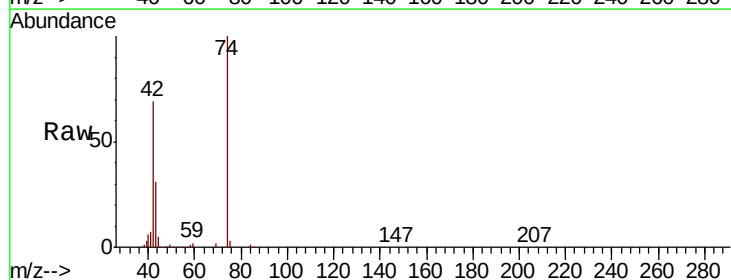
Tgt Ion: 42 Resp: 103039

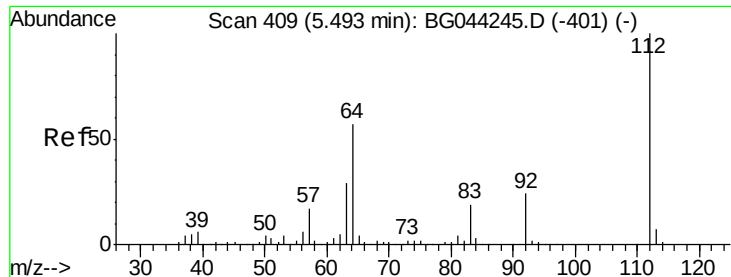
Ion Ratio Lower Upper

42 100

74 145.8 115.1 172.7

44 7.6 5.6 8.4





#5

2-Fluorophenol

Concen: 118.299 ng

RT: 5.49 min Scan# 409

Delta R.T. 0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

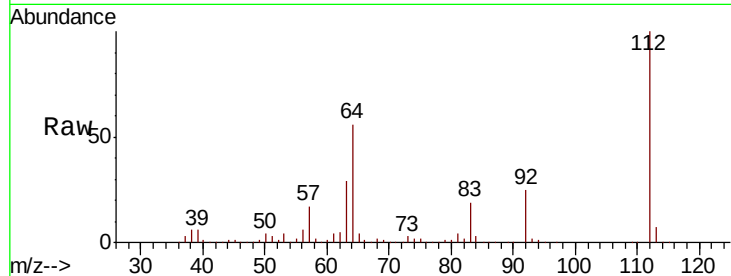
Tot Ion:112 Resp: 626961

Ion Ratio Lower Upper

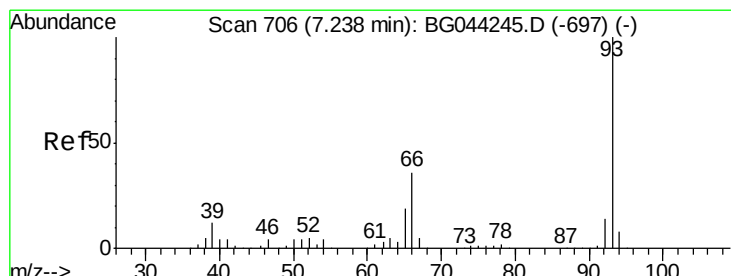
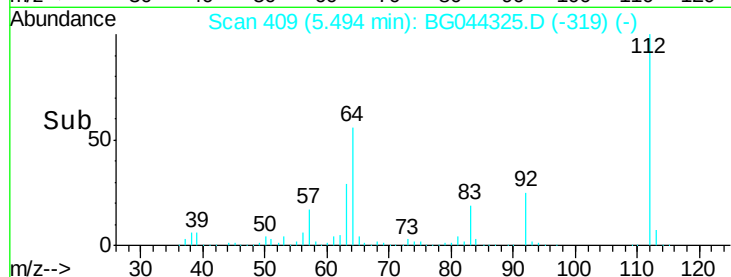
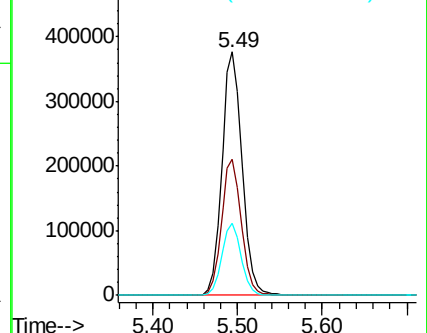
112 100

64 55.8 45.4 68.2

63 29.4 22.9 34.3



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: 21.221 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

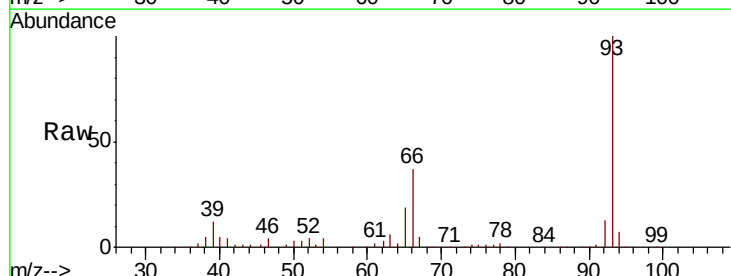
Tgt Ion: 93 Resp: 187459

Ion Ratio Lower Upper

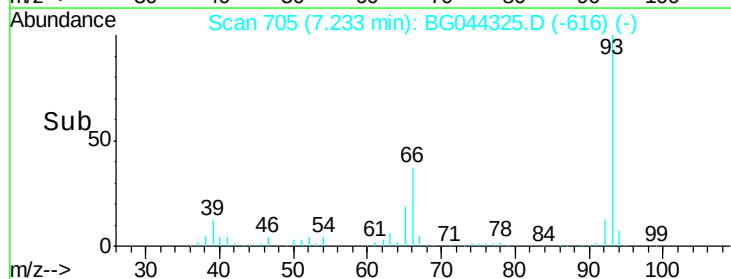
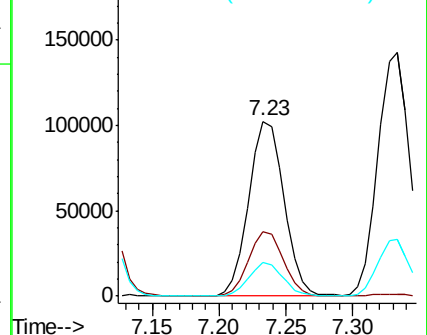
93 100

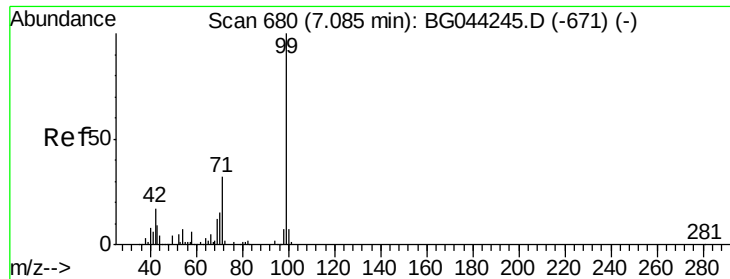
66 36.8 28.7 43.1

65 19.1 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: 117.690 ng

RT: 7.09 min Scan# 680

Delta R.T. 0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

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ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

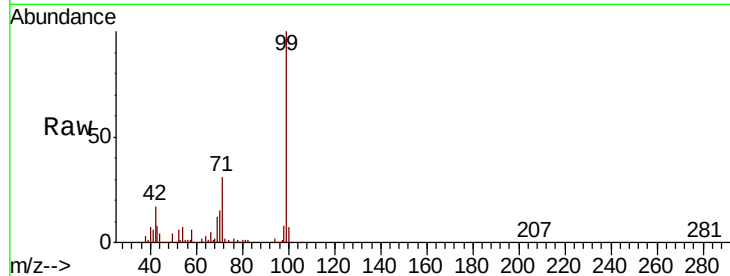
Tot Ion: 99 Resp: 837578

Ion Ratio Lower Upper

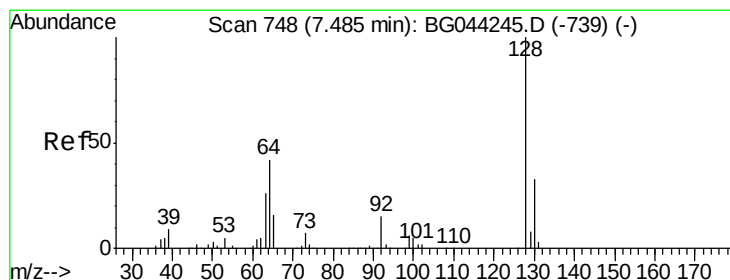
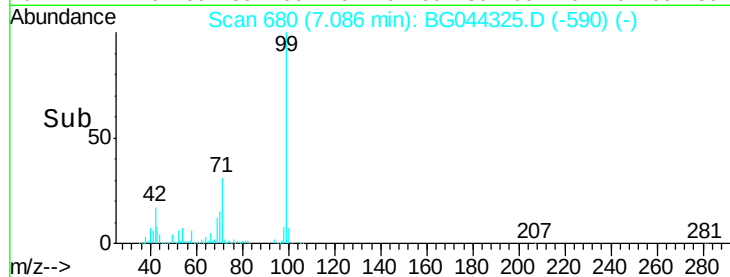
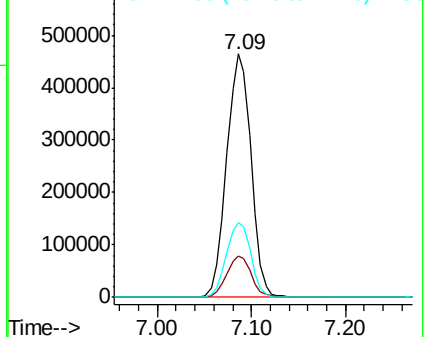
99 100

42 17.2 13.8 20.6

71 30.9 25.5 38.3



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



#8

2-Chlorophenol

Concen: 45.658 ng

RT: 7.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

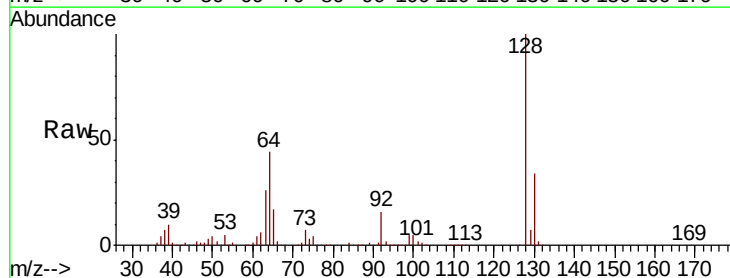
Tgt Ion: 128 Resp: 265943

Ion Ratio Lower Upper

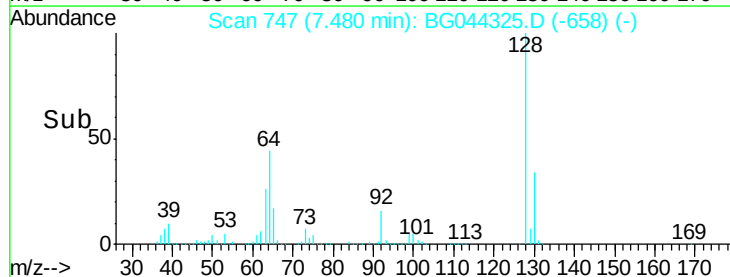
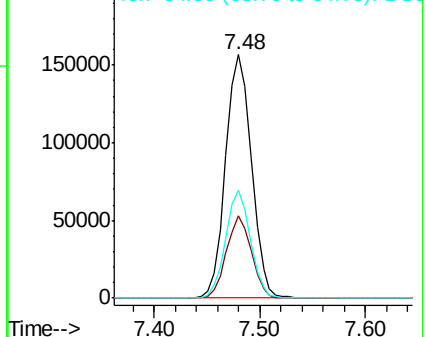
128 100

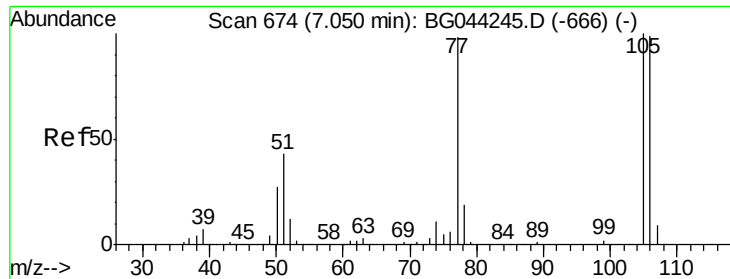
130 33.8 12.5 52.5

64 44.2 24.2 64.2



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





#9

Benzaldehyde

Concen: 28.673 ng

RT: 7.05 min Scan# 673

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

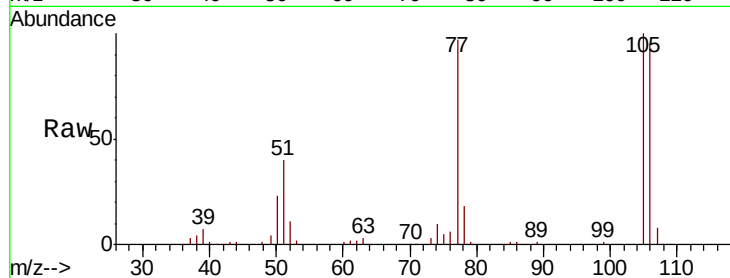
Tot Ion: 77 Resp: 116220

Ion Ratio Lower Upper

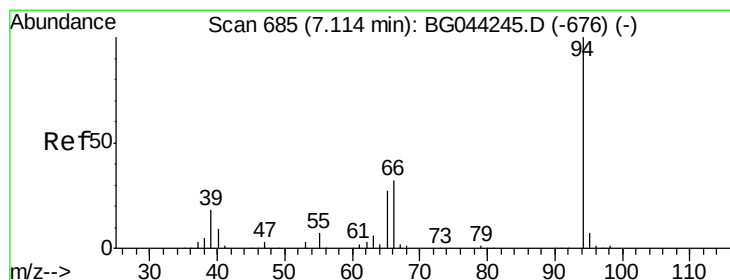
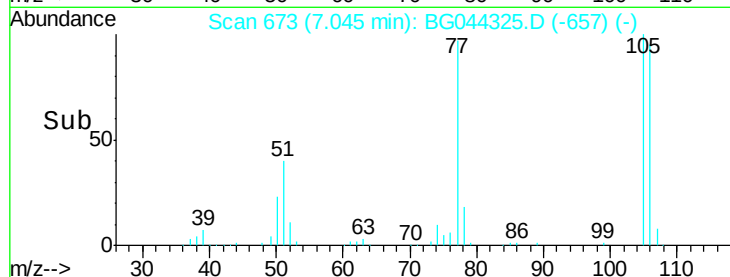
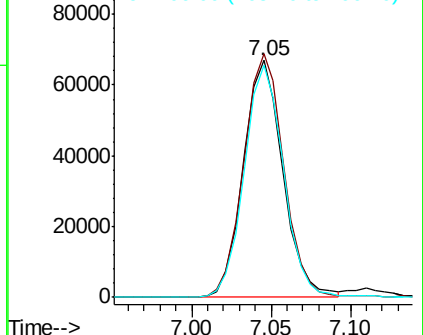
77 100

105 102.8 82.0 122.0

106 98.0 80.7 120.7



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



#10

Phenol

Concen: 46.669 ng

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

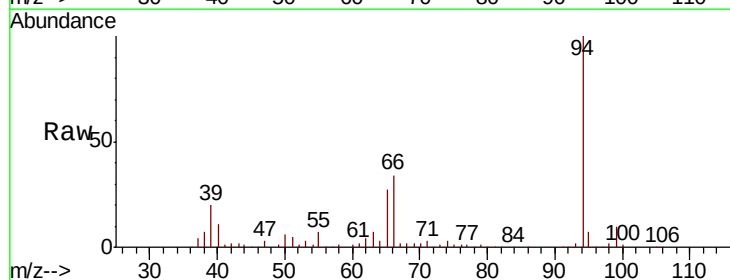
Tgt Ion: 94 Resp: 328702

Ion Ratio Lower Upper

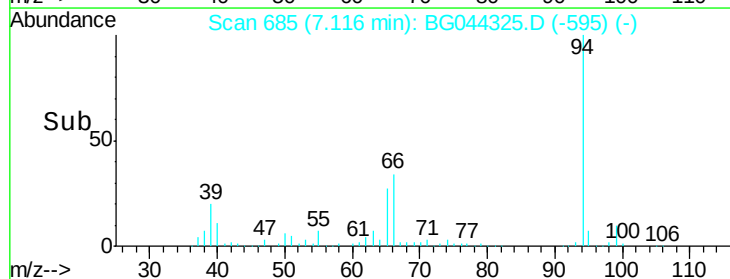
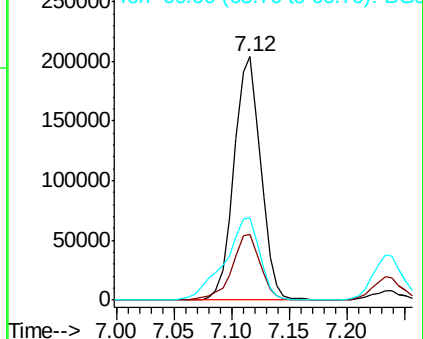
94 100

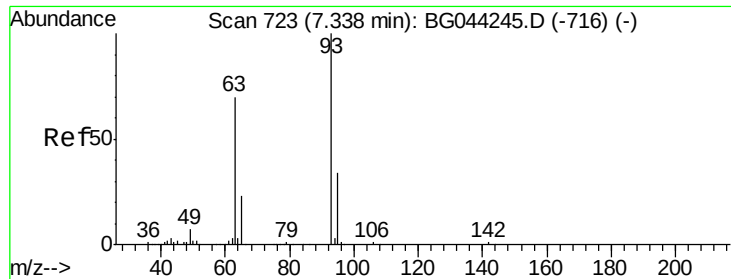
65 27.2 7.0 47.0

66 33.6 12.7 52.7



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

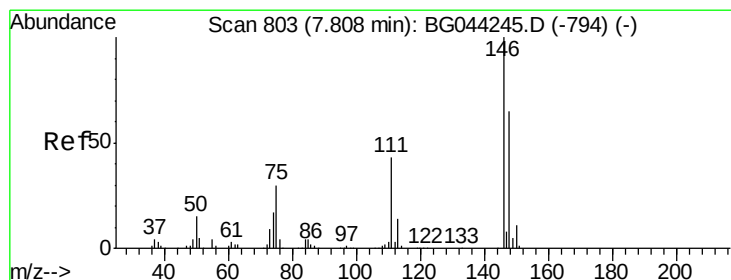
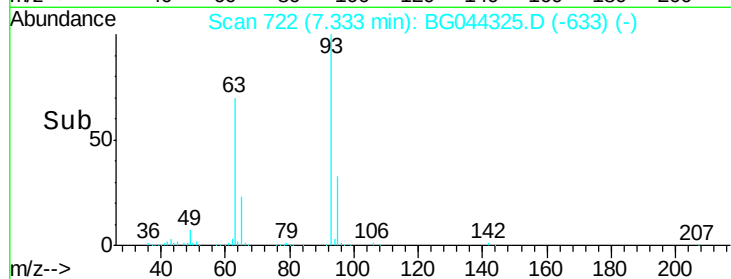
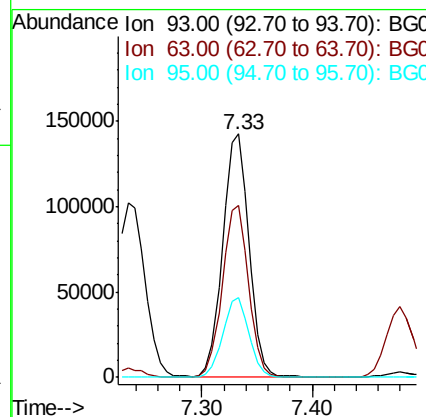
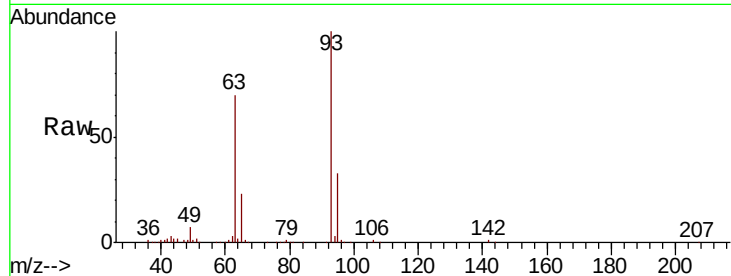




#11
 bis(2-Chloroethyl)ether
 Concen: 39.432 ng
 RT: 7.33 min Scan# 722
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

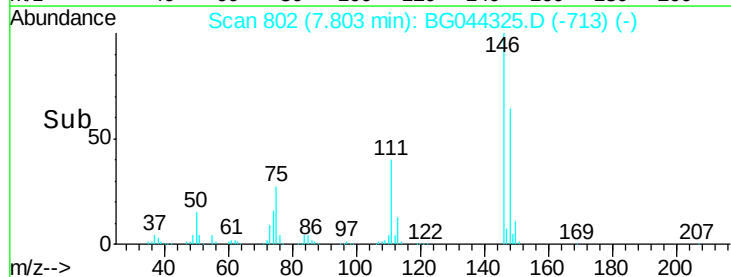
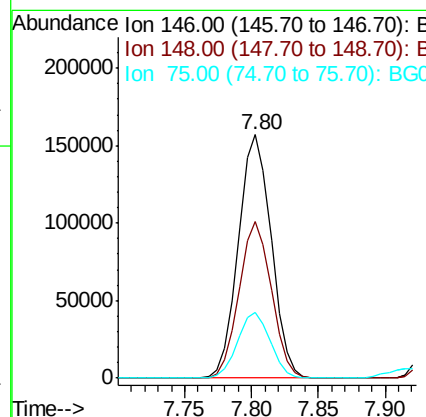
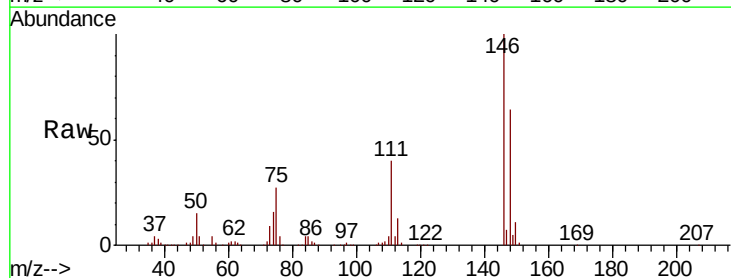
Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

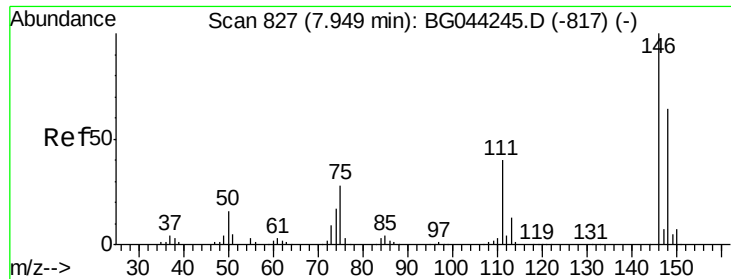
Tot Ion	93	Resp	237439
Ion	Ratio	Lower	Upper
93	100		
63	70.4	49.2	89.2
95	32.5	13.6	53.6



#12
 1,3-Dichlorobenzene
 Concen: 38.615 ng
 RT: 7.80 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion	146	Resp	268543
Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.8	77.8
75	26.8	23.7	35.5

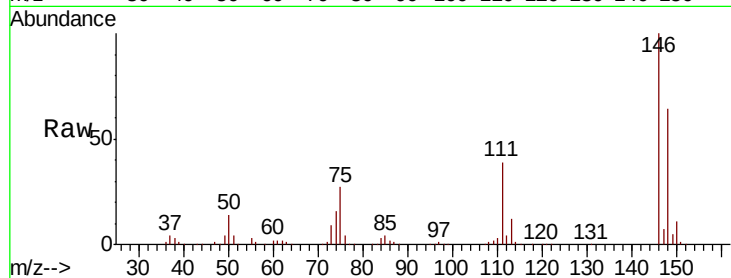




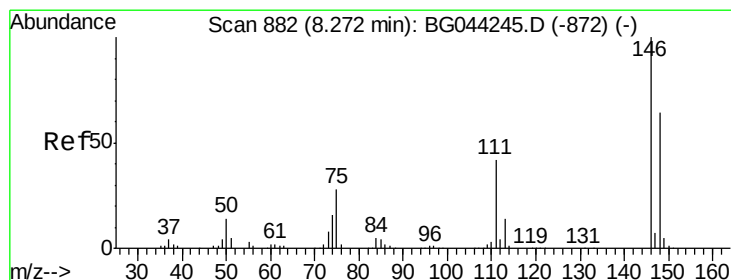
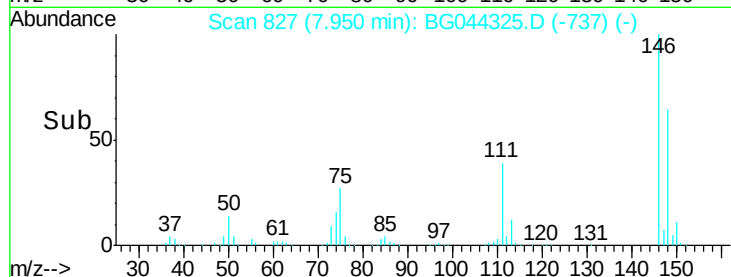
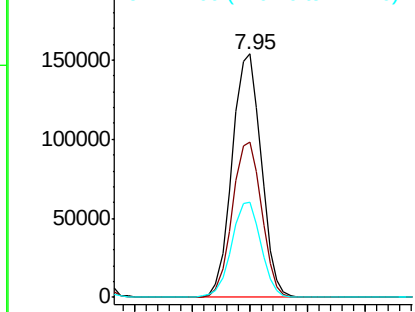
#13
 1,4-Dichlorobenzene
 Concen: 39.013 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

Tot Ion:146 Resp: 268713
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.4 77.0
 111 39.3 31.8 47.8

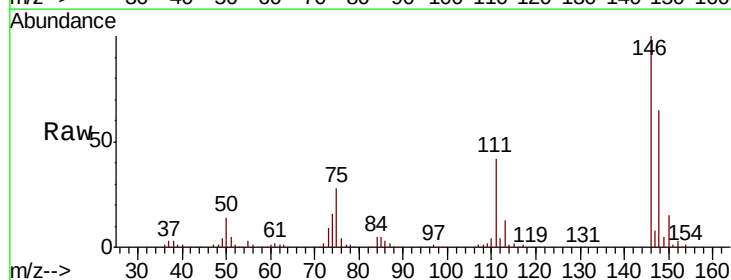


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

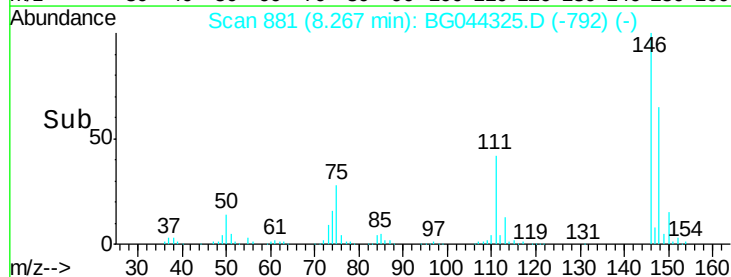
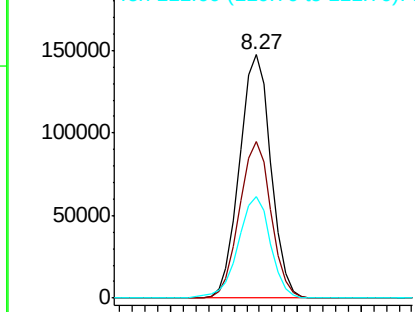


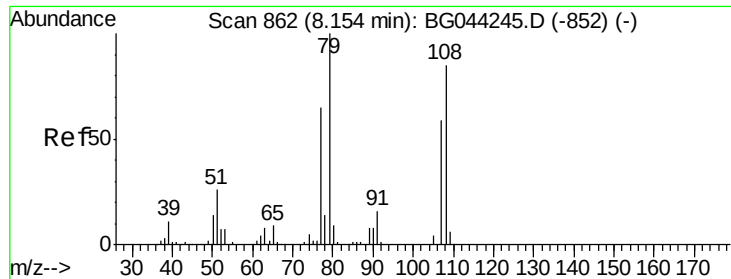
#14
 1,2-Dichlorobenzene
 Concen: 38.975 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion:146 Resp: 253742
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.2 76.8
 111 41.7 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.279 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

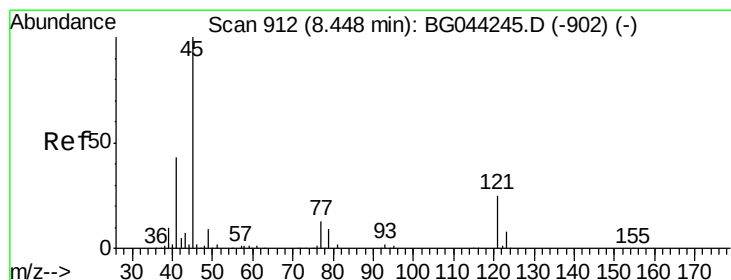
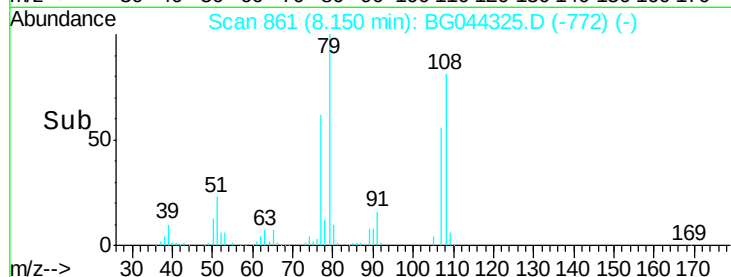
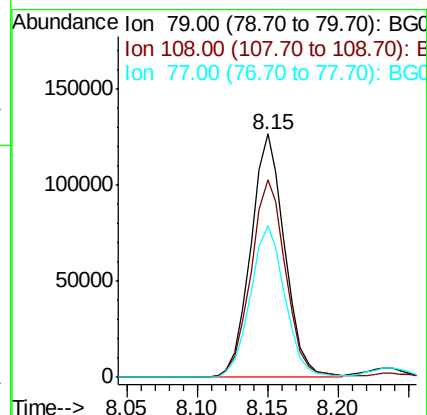
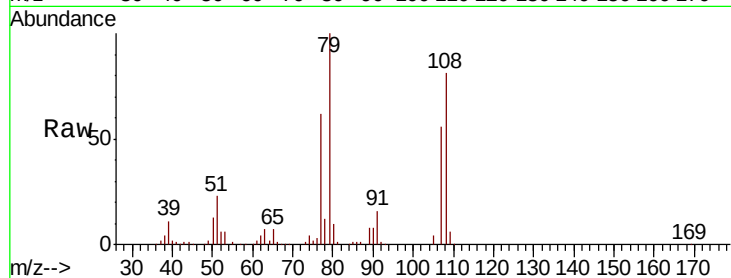
Tot Ion: 79 Resp: 213022

Ion Ratio Lower Upper

79 100

108 81.4 68.3 102.5

77 62.2 51.8 77.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.060 ng

RT: 8.45 min Scan# 912

Delta R.T. 0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

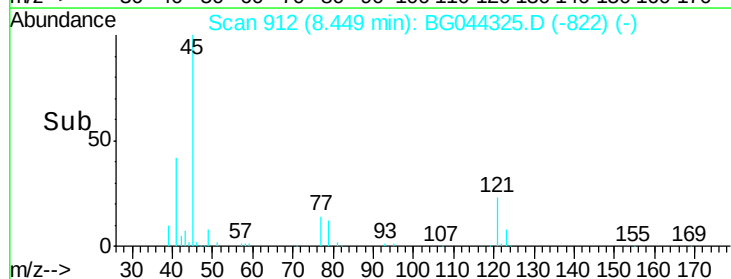
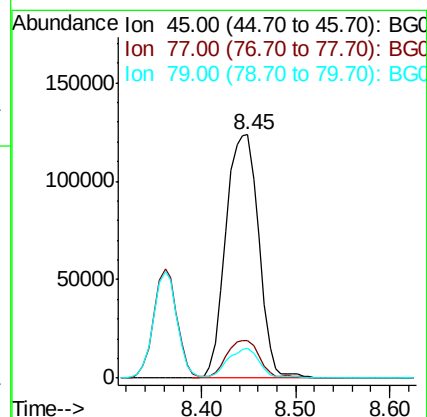
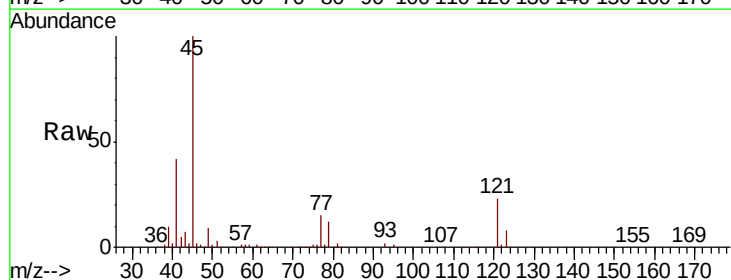
Tgt Ion: 45 Resp: 302040

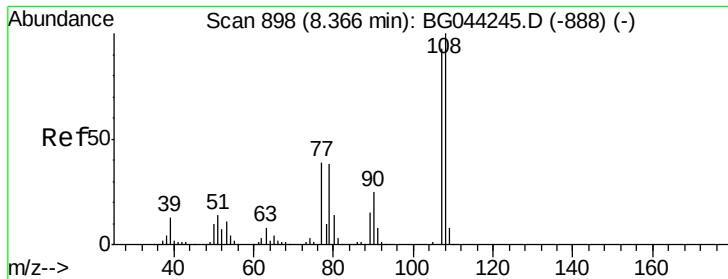
Ion Ratio Lower Upper

45 100

77 15.2 0.0 35.2

79 12.3 0.0 31.1

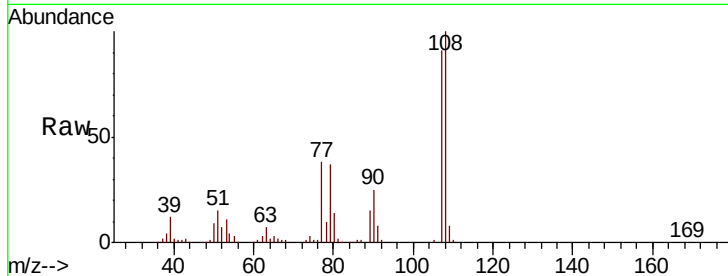




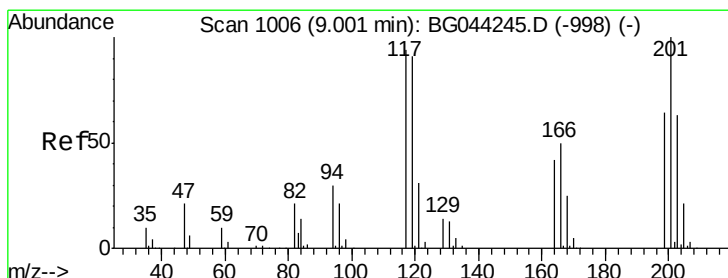
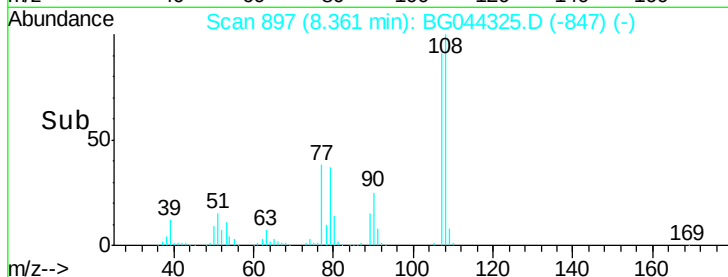
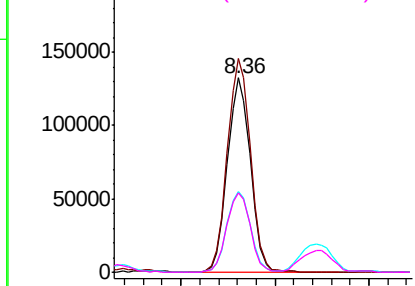
#17
2-Methylphenol
Concen: 44.933 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:	107	Resp:	225799
Ion	Ratio	Lower	Upper
107	100		
108	110.1	86.4	129.6
77	41.9	34.0	51.0
79	40.7	32.9	49.3

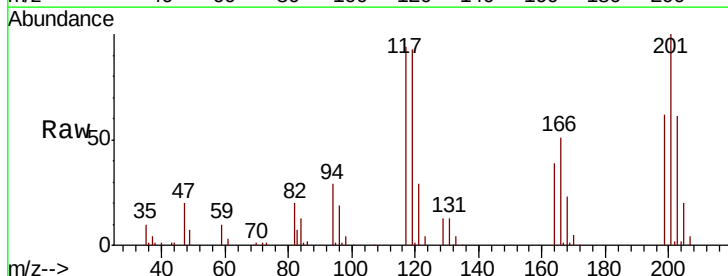


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

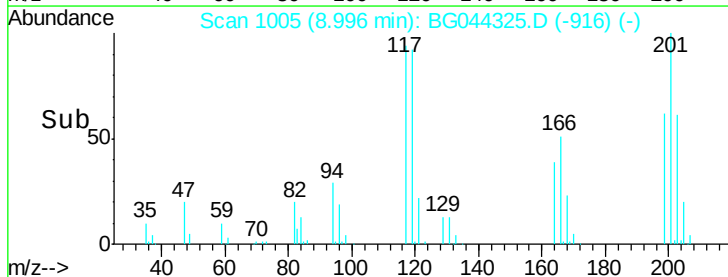
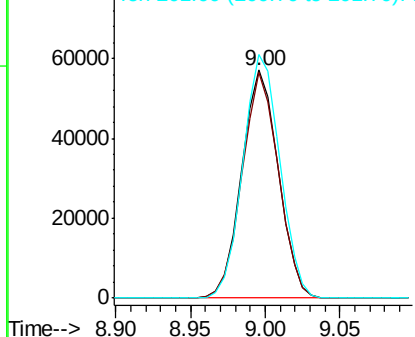


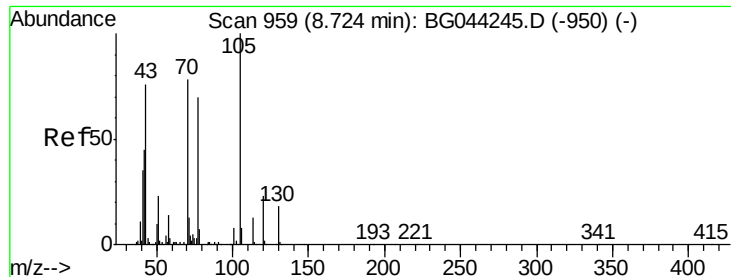
#18
Hexachloroethane
Concen: 37.518 ng
RT: 9.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:	117	Resp:	96972
Ion	Ratio	Lower	Upper
117	100		
119	98.9	77.5	116.3
201	106.9	84.9	127.3



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

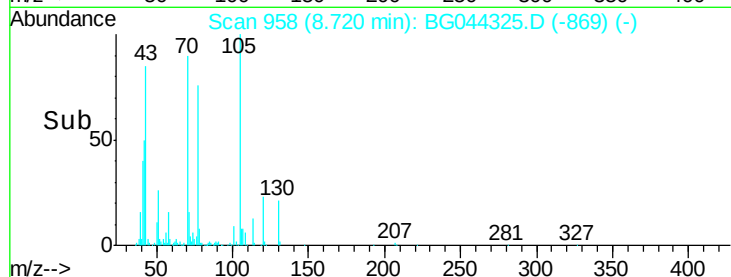
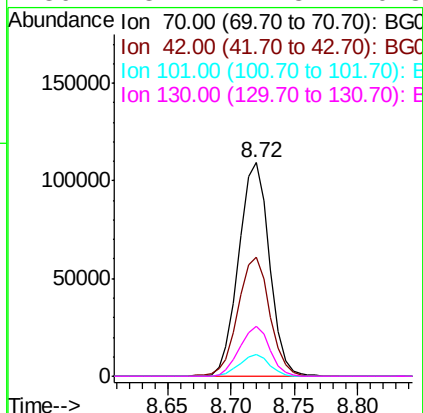
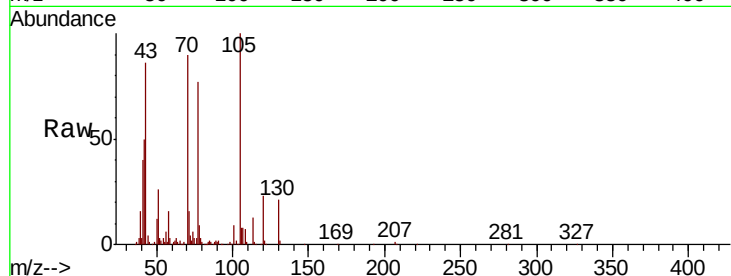




#19
n-Nitroso-di-n-propylamine
Concen: 38.846 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

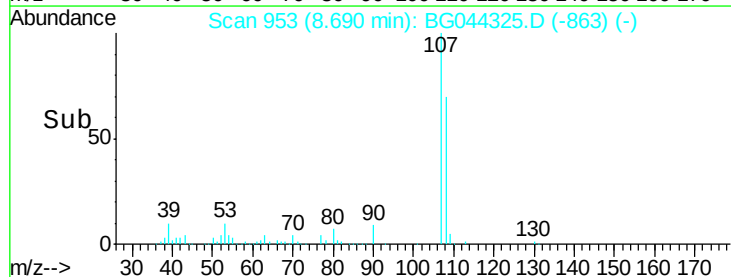
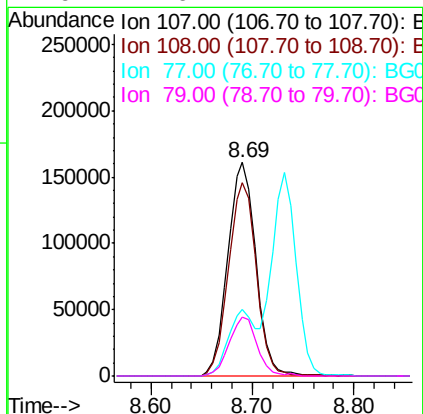
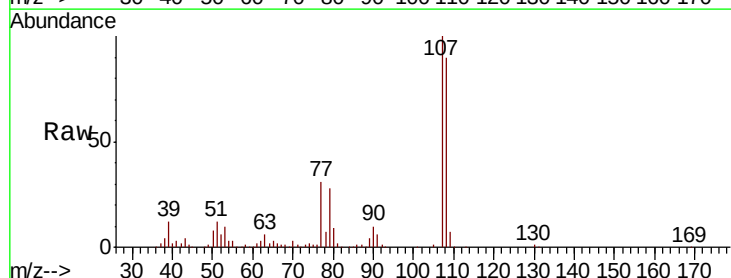
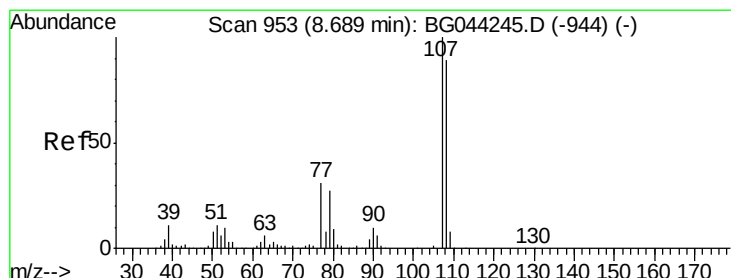
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

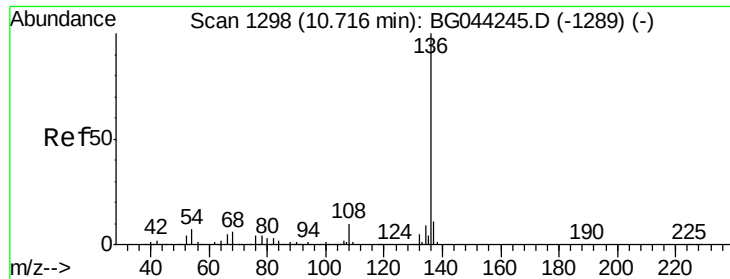
Tot Ion:	70	Resp:	184247
Ion	Ratio	Lower	Upper
70	100		
42	55.6	46.2	69.2
101	10.4	8.4	12.6
130	23.4	17.8	26.8



#20
3+4-Methylphenols
Concen: 44.691 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:	107	Resp:	309510
Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.5	108.5
77	31.1	10.9	50.9
79	27.6	7.1	47.1

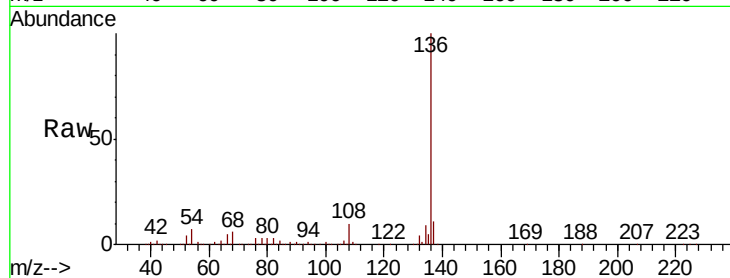




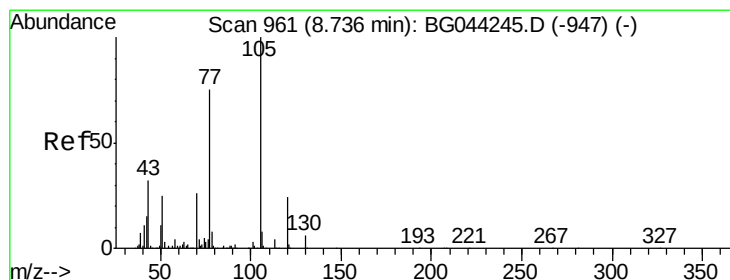
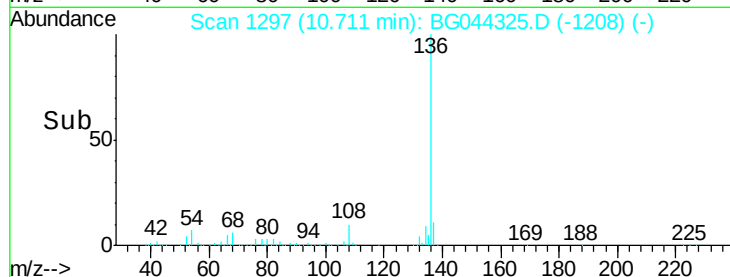
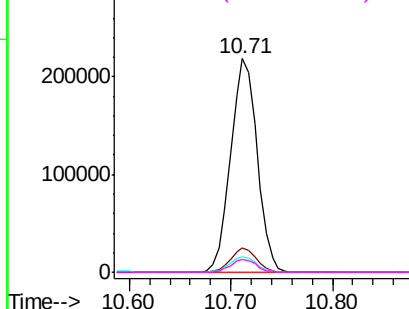
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:136	Resp:	395475	
Ion Ratio	Lower	Upper	
136 100			
137 11.2	8.8	13.2	
54 7.2	5.8	8.8	
68 5.8	4.6	6.8	

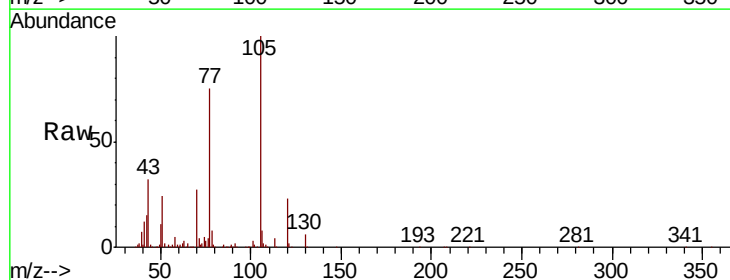


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

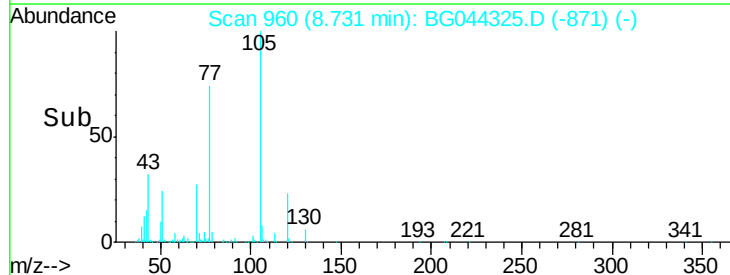
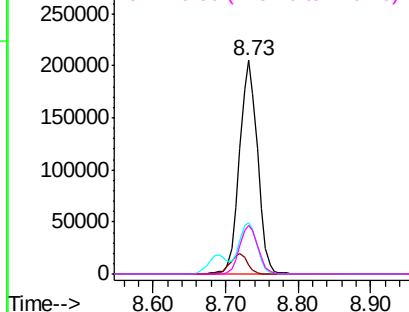


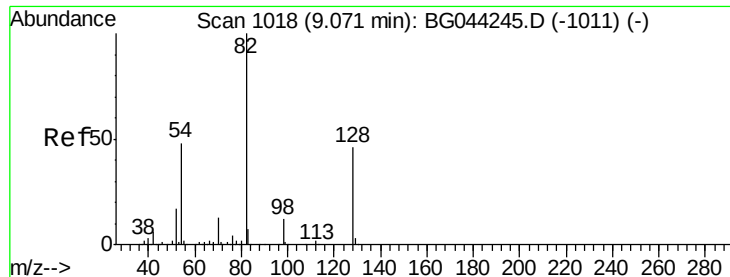
#22
Acetophenone
Concen: 36.942 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt	Ion:105	Resp:	355408
Ion	Ratio	Lower	Upper
105	100		
71	4.2	3.4	5.0
51	23.9	20.2	30.4
120	23.0	19.1	28.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

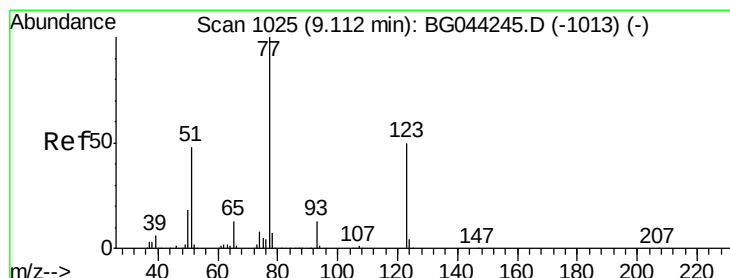
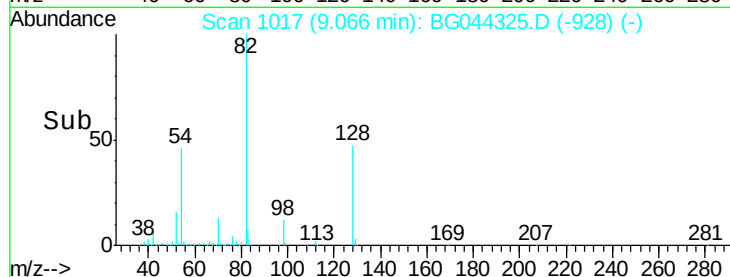
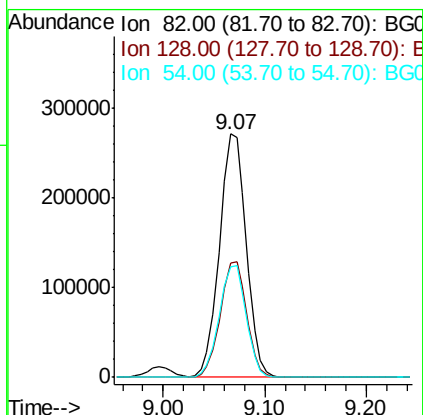
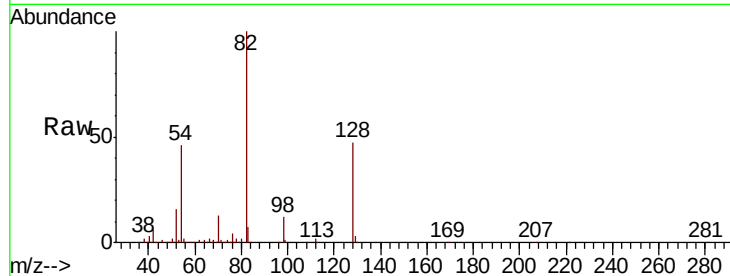




#23
 Nitrobenzene-d5
 Concen: 70.800 ng
 RT: 9.07 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

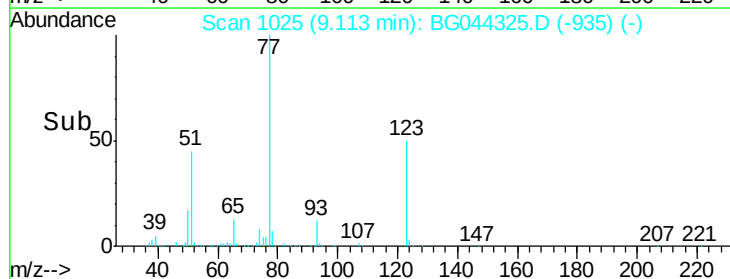
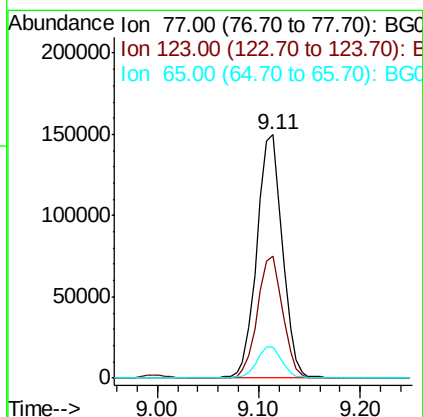
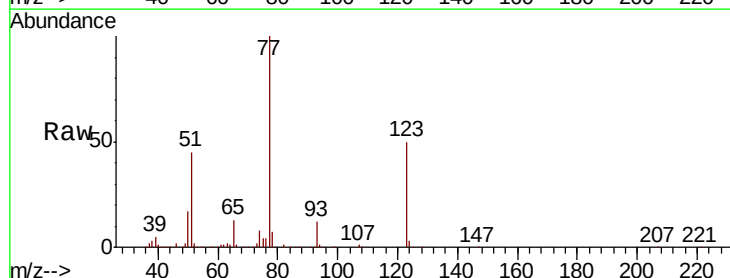
Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

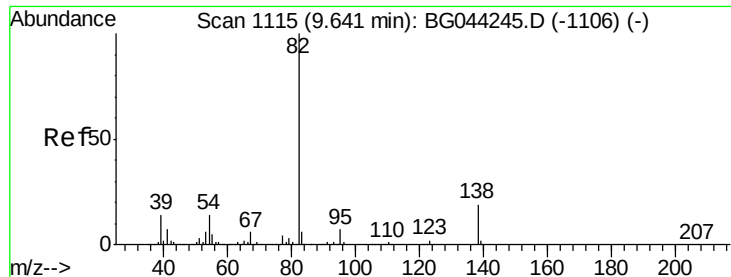
Tot Ion	82	Resp	495955
Ion Ratio	Lower	Upper	
82	100		
128	47.2	36.5	54.7
54	45.6	38.6	58.0



#24
 Nitrobenzene
 Concen: 38.498 ng
 RT: 9.11 min Scan# 1025
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion	77	Resp	263270
Ion Ratio	Lower	Upper	
77	100		
123	50.1	39.9	59.9
65	12.7	10.4	15.6

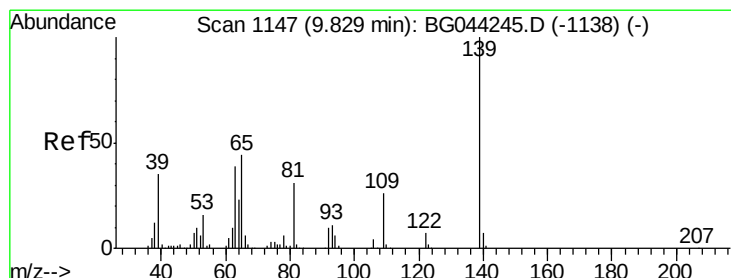
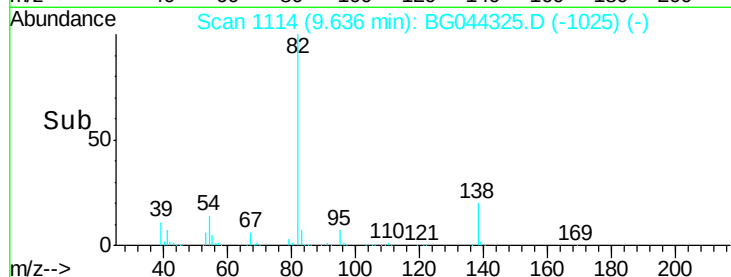
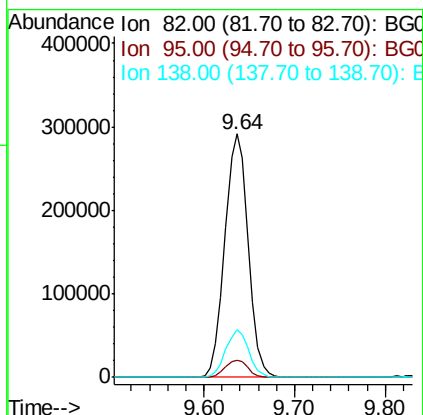
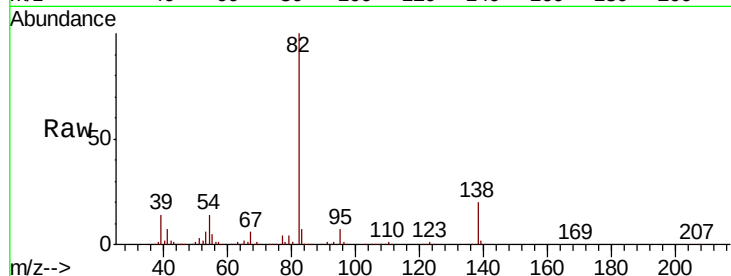




#25
Isophorone
Concen: 39.745 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

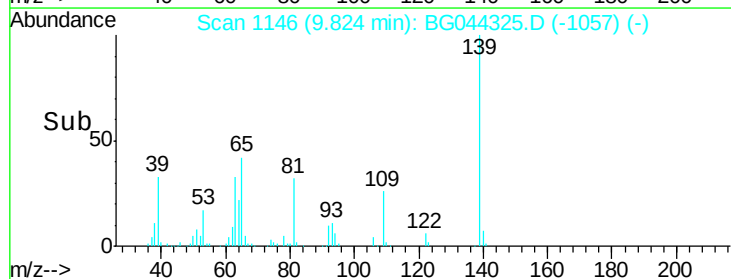
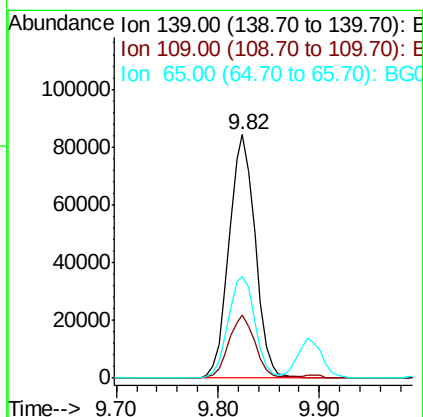
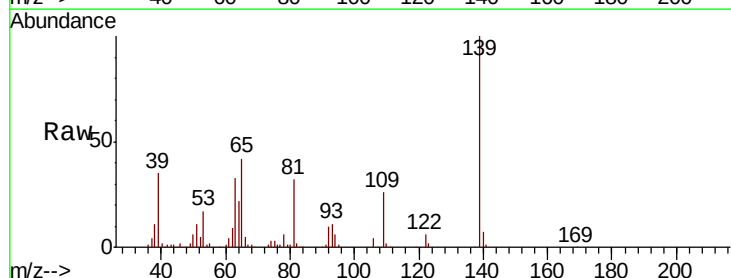
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

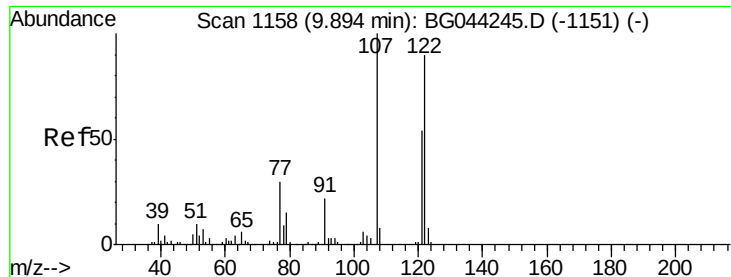
Tot Ion: 82 Resp: 518924
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 19.6 15.0 22.4



#26
2-Nitrophenol
Concen: 42.503 ng
RT: 9.82 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion: 139 Resp: 150822
Ion Ratio Lower Upper
139 100
109 26.2 21.0 31.4
65 41.8 35.0 52.4





#27

2,4-Dimethylphenol

Concen: 51.443 ng

RT: 9.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

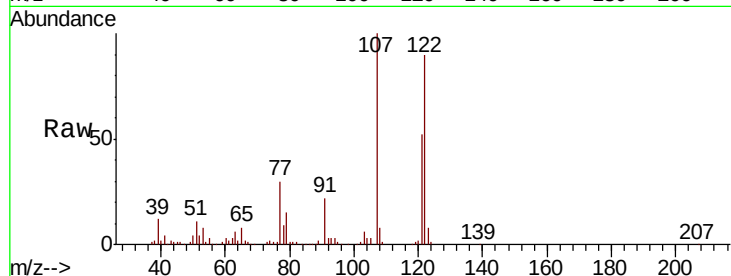
Tot Ion:122 Resp: 257681

Ion Ratio Lower Upper

122 100

107 110.7 88.8 133.2

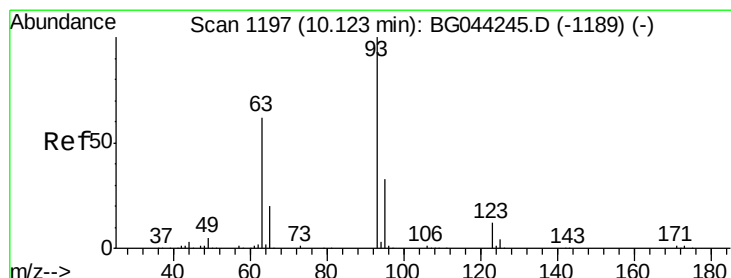
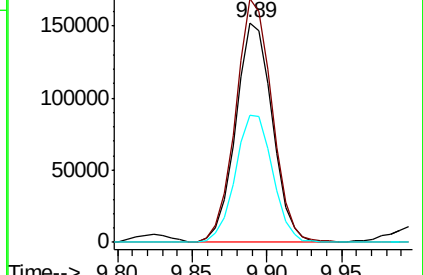
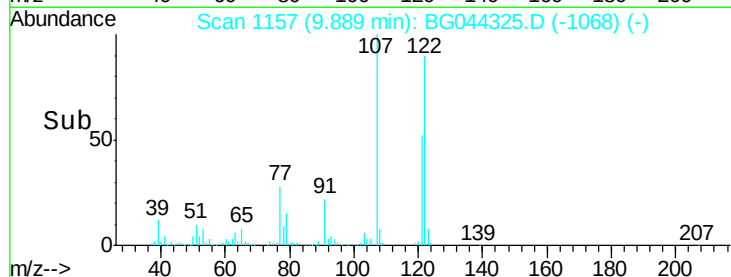
121 57.9 48.3 72.5



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: 37.822 ng

RT: 10.12 min Scan# 1196

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

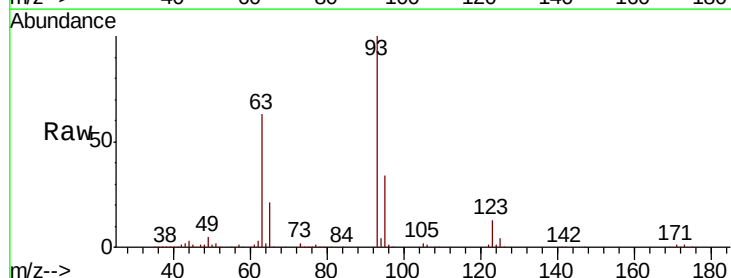
Tgt Ion: 93 Resp: 329423

Ion Ratio Lower Upper

93 100

95 33.7 26.6 40.0

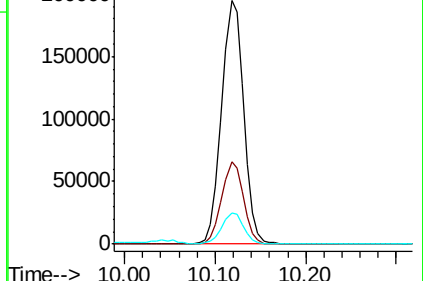
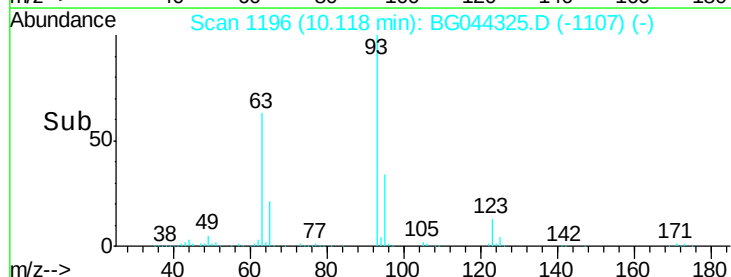
123 12.6 10.0 15.0

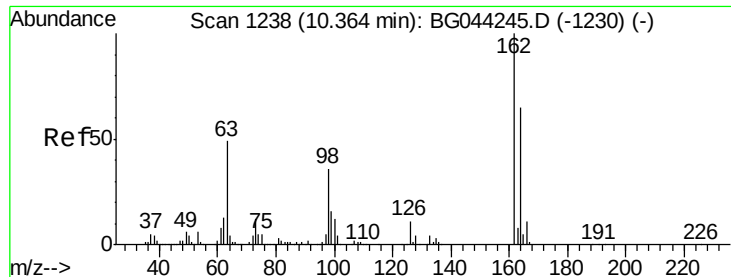


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

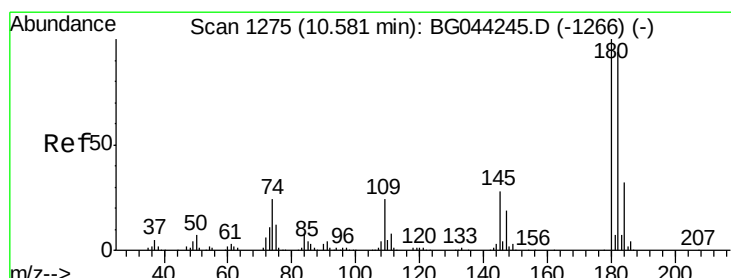
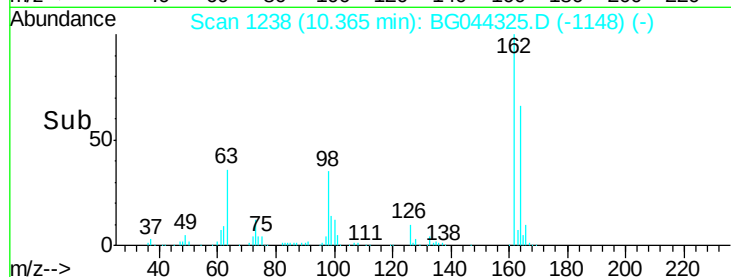
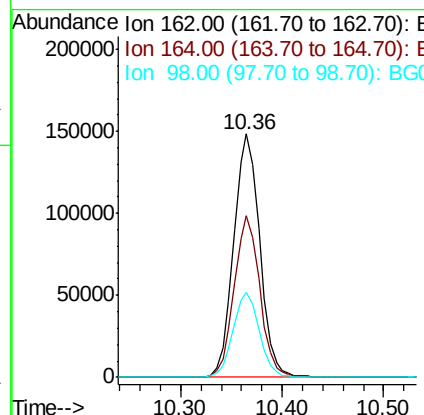
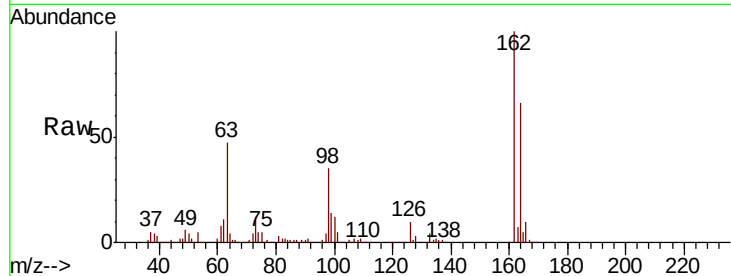




#29
 2,4-Dichlorophenol
 Concen: 43.831 ng
 RT: 10.36 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

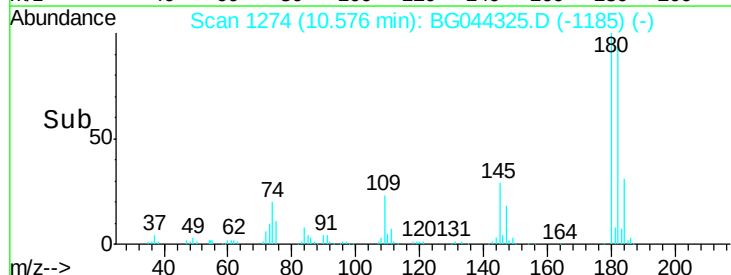
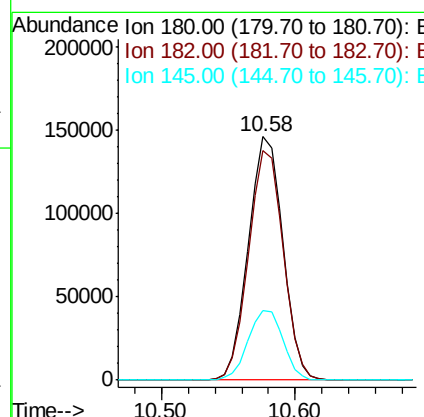
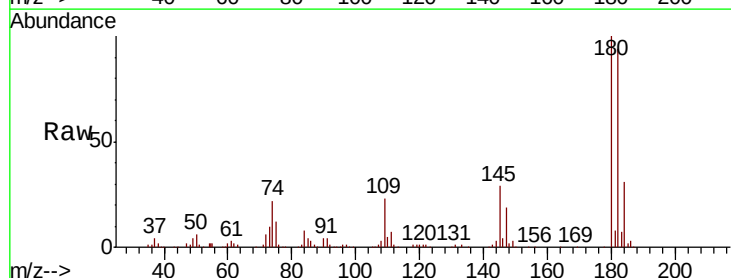
Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

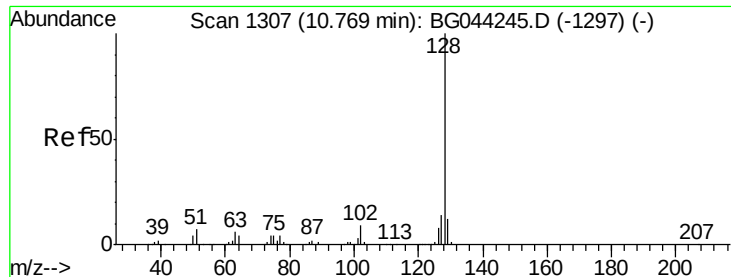
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.5	44.7	84.7
98	34.8	15.8	55.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.453 ng
 RT: 10.58 min Scan# 1274
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.5	113.3
145	28.6	22.6	34.0

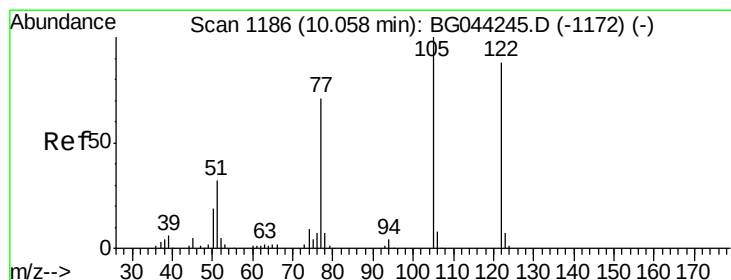
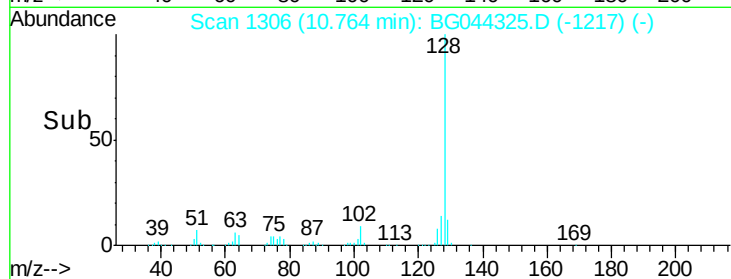
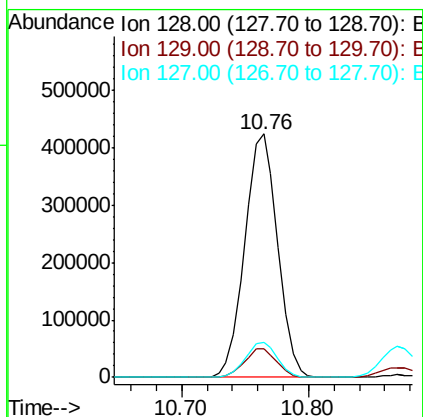
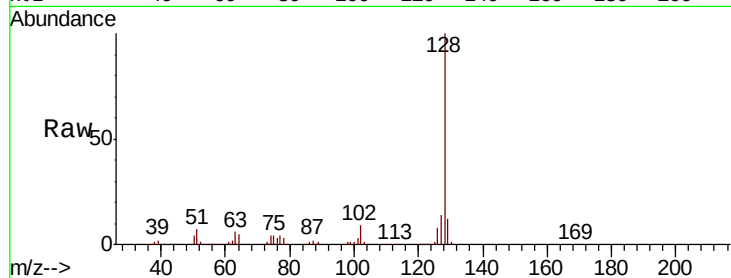




#31
Naphthalene
Concen: 39.679 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

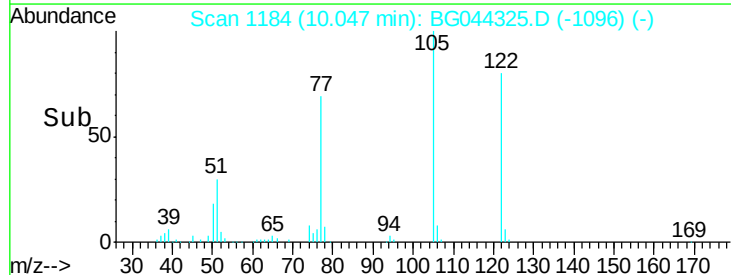
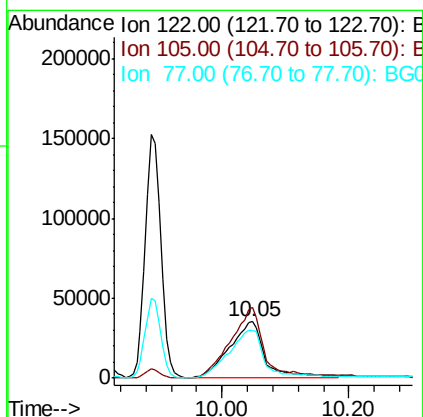
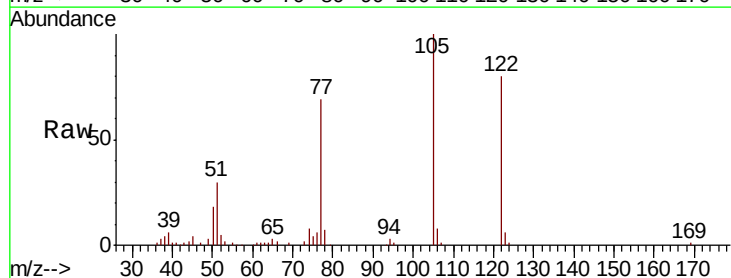
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

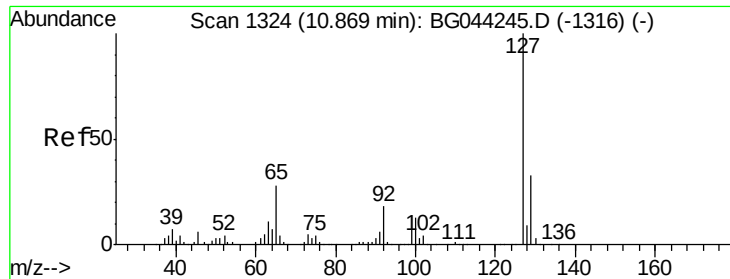
Tot Ion:128 Resp: 761338
Ion Ratio Lower Upper
128 100
129 11.9 9.3 13.9
127 14.3 11.6 17.4



#32
Benzoic acid
Concen: 42.117 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:122 Resp: 130831
Ion Ratio Lower Upper
122 100
105 125.3 93.5 133.5
77 86.0 61.0 101.0

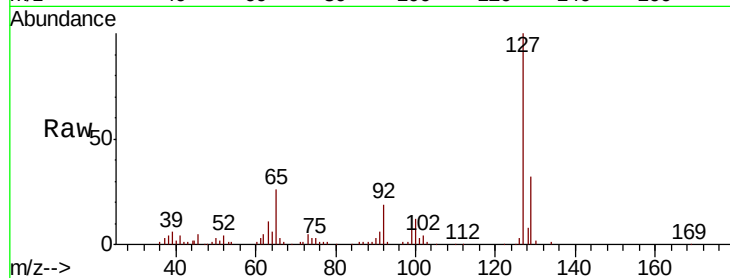




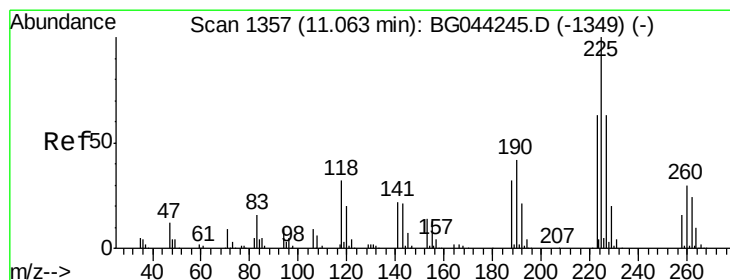
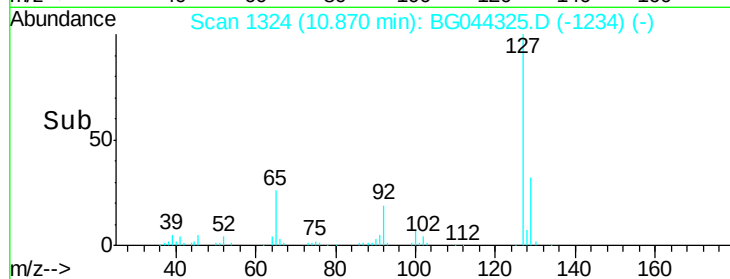
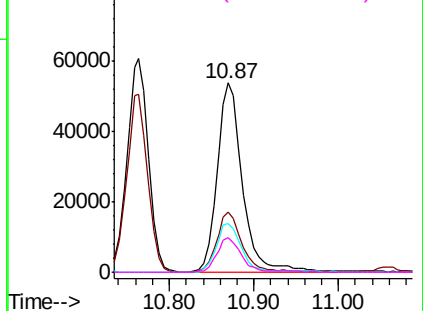
#33
4-Chloroaniline
Concen: 12.842 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:	127	Resp:	112069
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	26.0	22.5	33.7
92	18.5	14.1	21.1

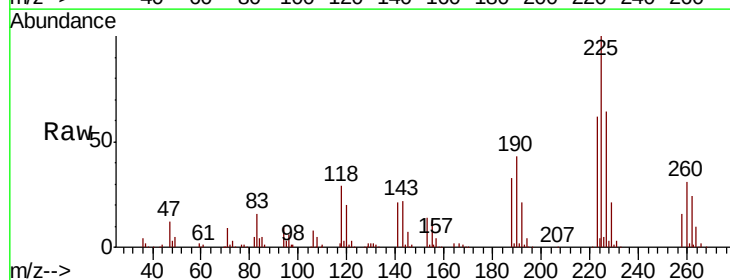


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

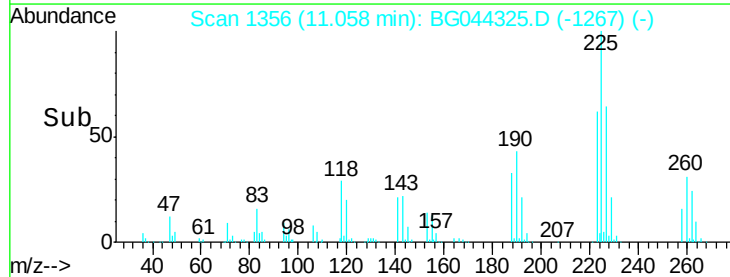
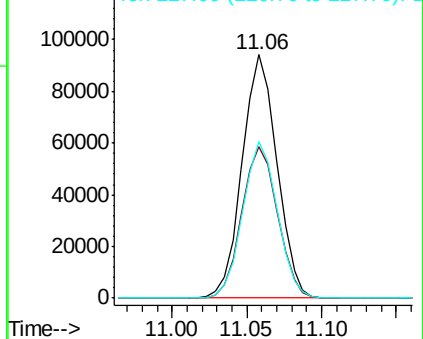


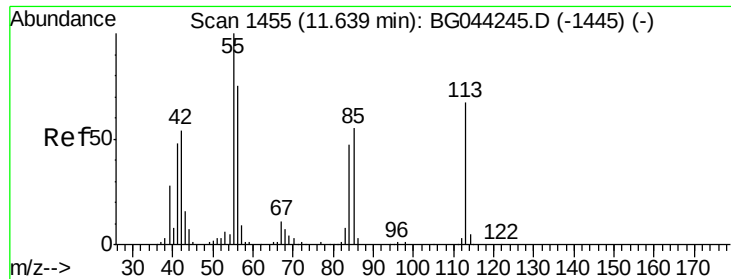
#34
Hexachlorobutadiene
Concen: 35.618 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:	225	Resp:	152212
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.2	75.4
227	64.1	50.8	76.2



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

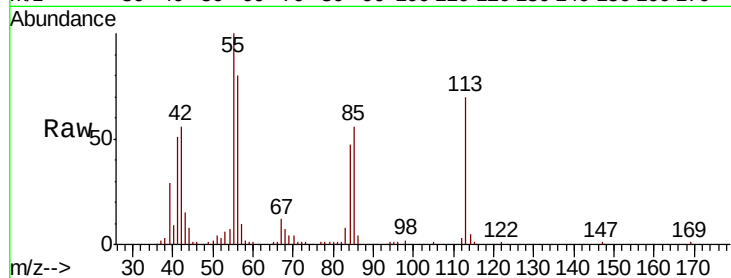




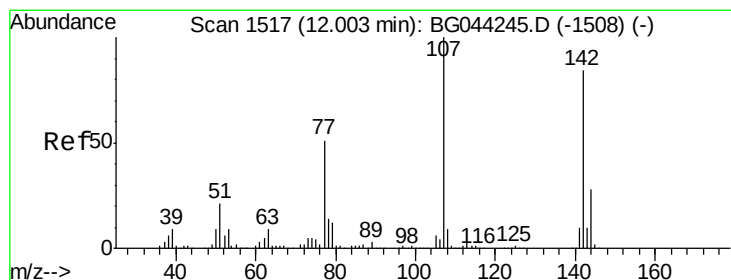
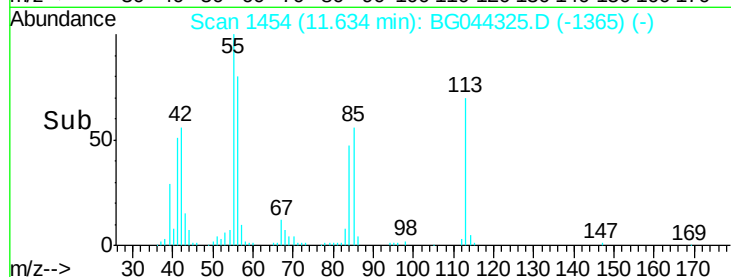
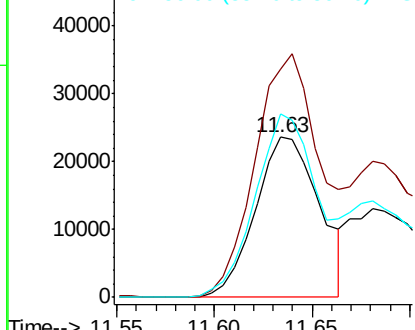
#35
Caprolactam
Concen: 24.179 ng
RT: 11.63 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:113 Resp: 53647
Ion Ratio Lower Upper
113 100
55 142.9 129.9 169.9
56 114.2 92.5 132.5

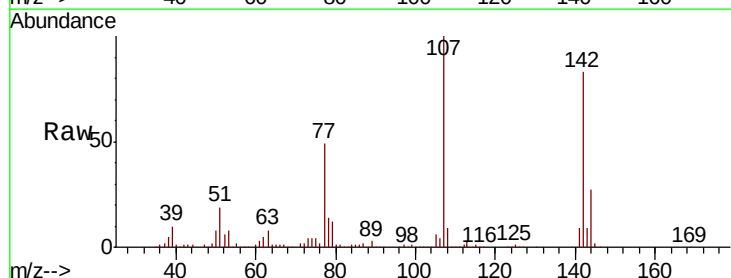


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

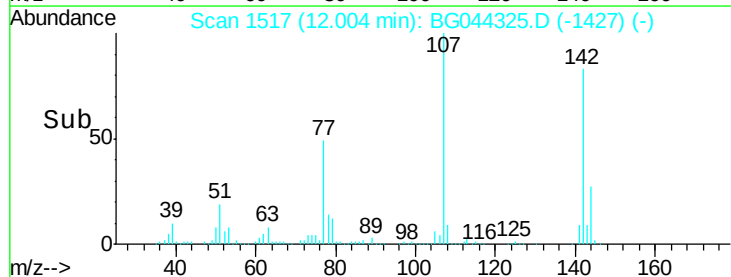
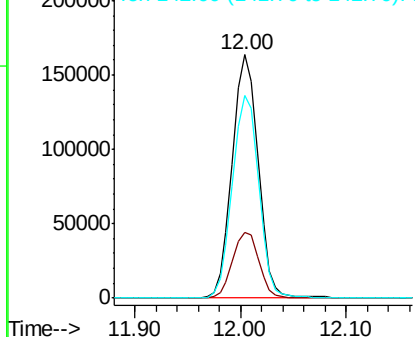


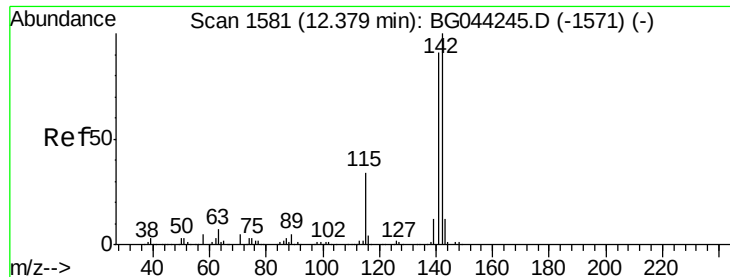
#36
4-Chloro-3-methylphenol
Concen: 43.894 ng
RT: 12.00 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:107 Resp: 278737
Ion Ratio Lower Upper
107 100
144 27.0 22.2 33.4
142 83.2 67.4 101.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

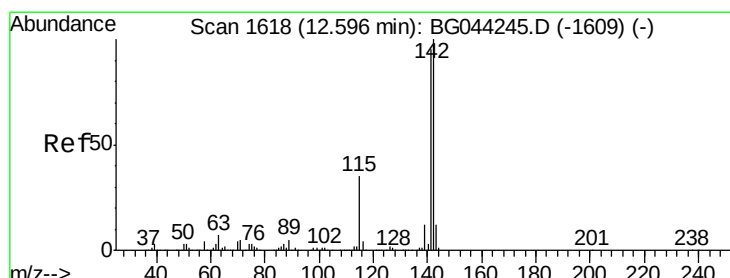
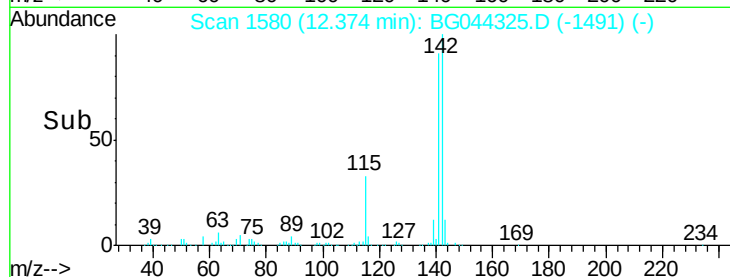
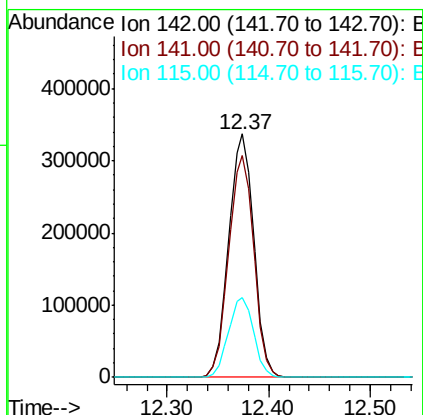
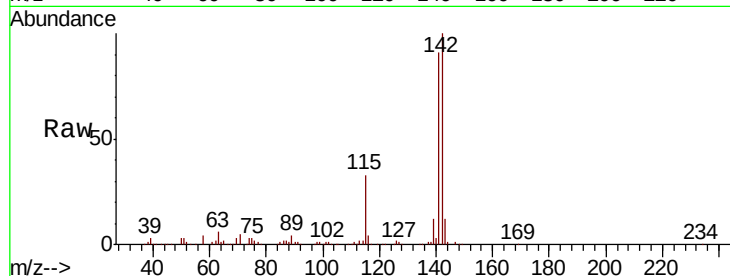




#37
2-Methylnaphthalene
Concen: 40.525 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

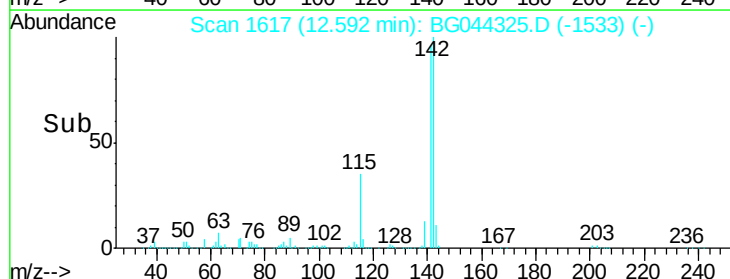
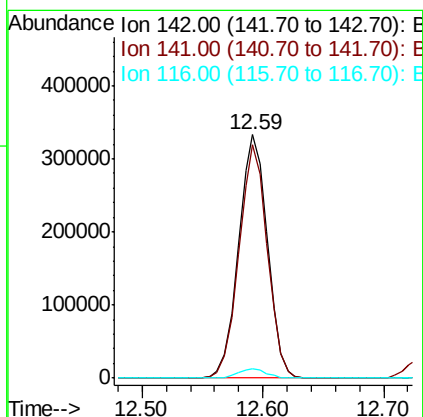
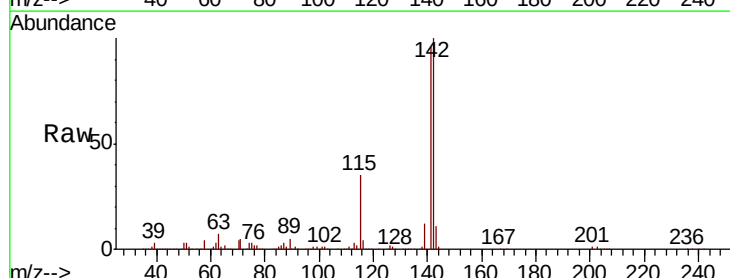
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

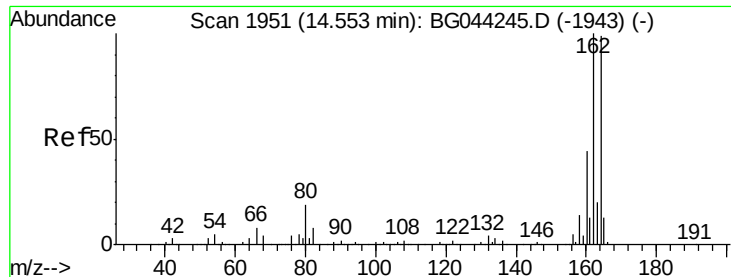
Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.2	109.8
115	32.7	27.1	40.7



#38
1-Methylnaphthalene
Concen: 41.140 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.8	113.6
116	3.8	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: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

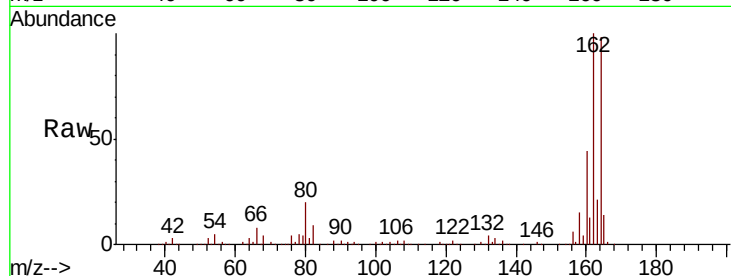
Tot Ion:164 Resp: 264197

Ion Ratio Lower Upper

164 100

162 102.3 80.7 121.1

160 44.8 35.3 52.9

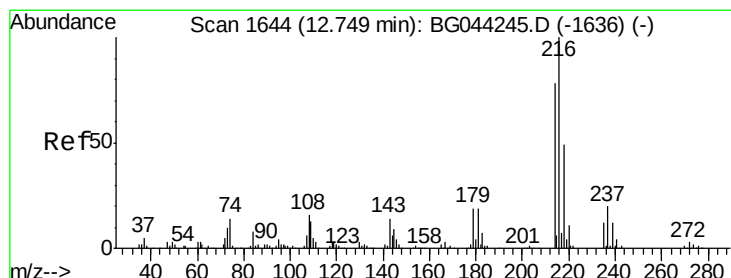
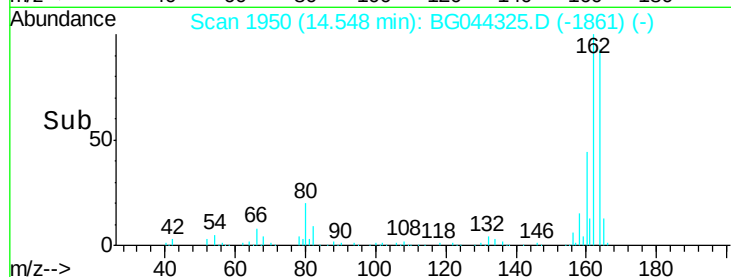
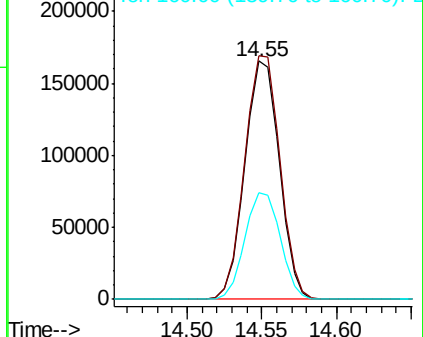


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.085 ng

RT: 12.74 min Scan# 1643

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Tgt Ion:216 Resp: 285183

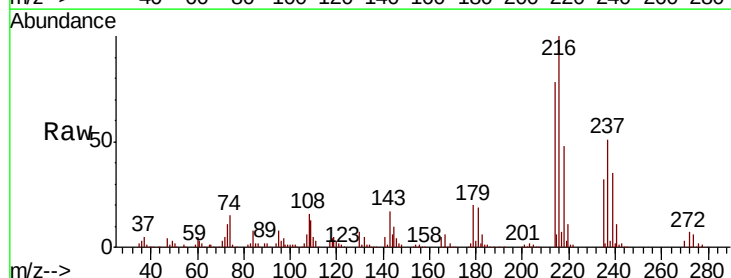
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.6

179 20.7 16.2 24.4

108 18.6 13.5 20.3



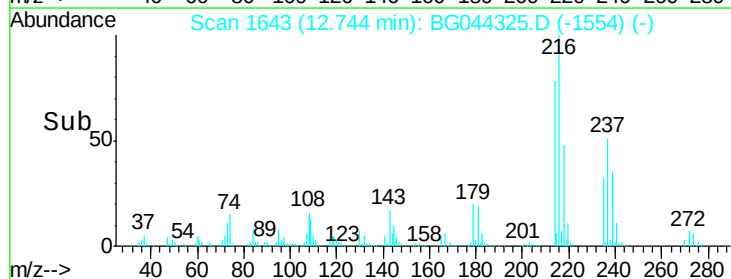
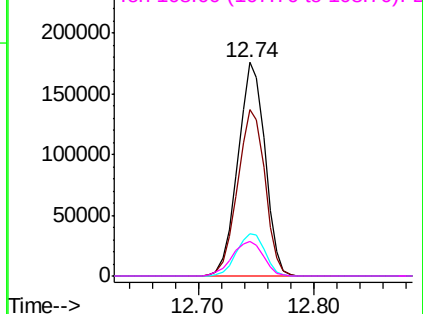
Abundance

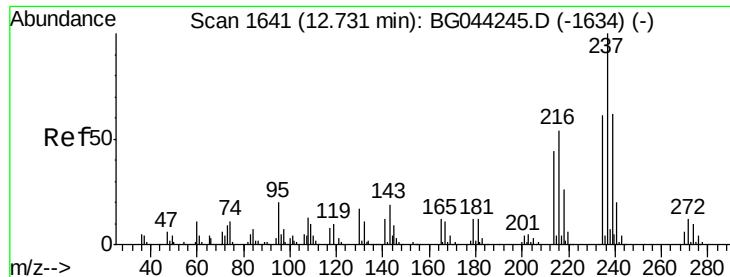
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.109 ng

RT: 12.73 min Scan# 1641

Delta R.T. 0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

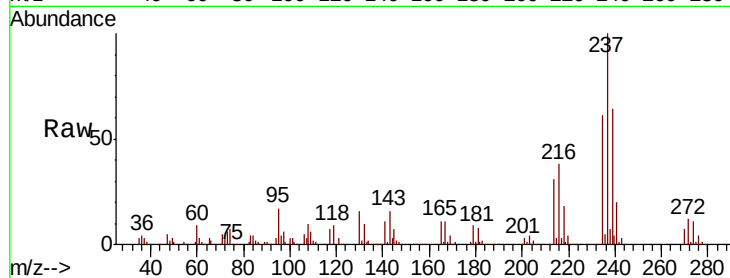
Tot Ion:237 Resp: 337908

Ion Ratio Lower Upper

237 100

235 60.9 41.2 81.2

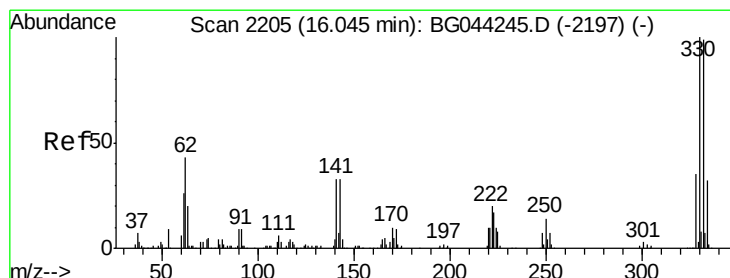
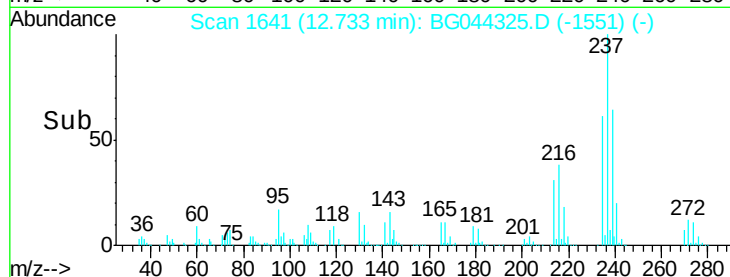
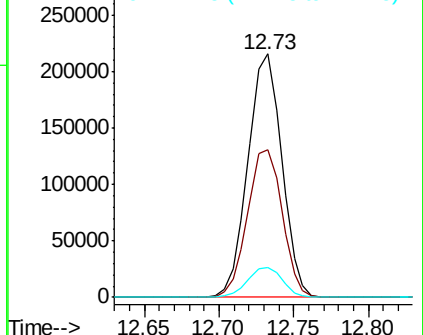
272 12.3 0.0 32.4



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: 111.038 ng

RT: 16.04 min Scan# 2204

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

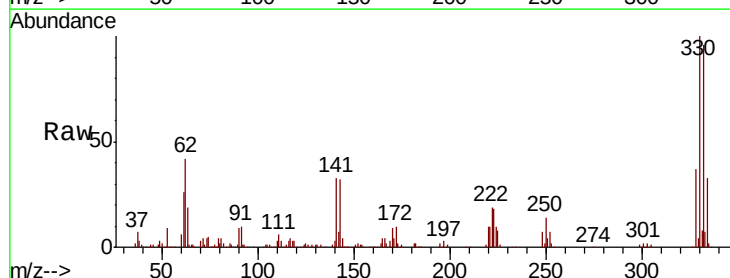
Tgt Ion:330 Resp: 344387

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

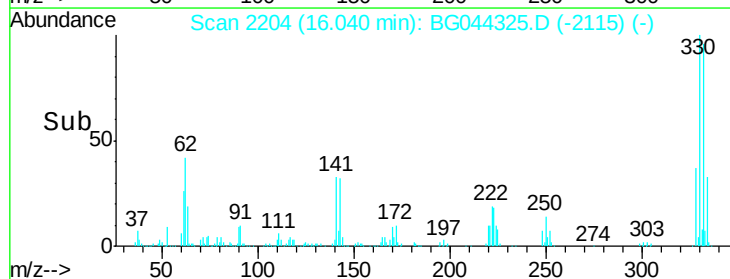
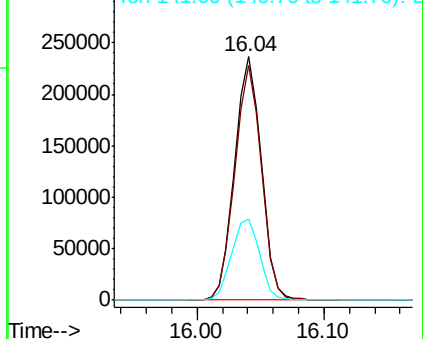
141 35.0 28.3 42.5

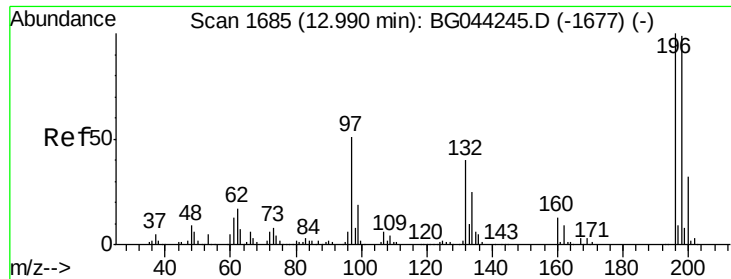


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

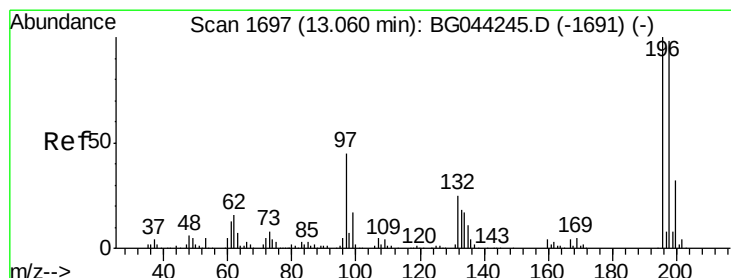
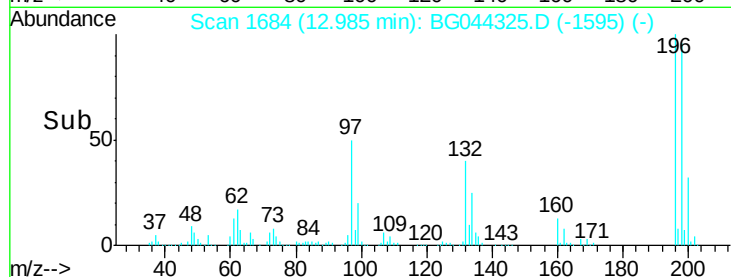
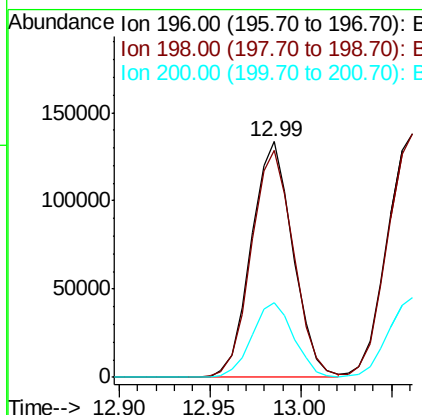
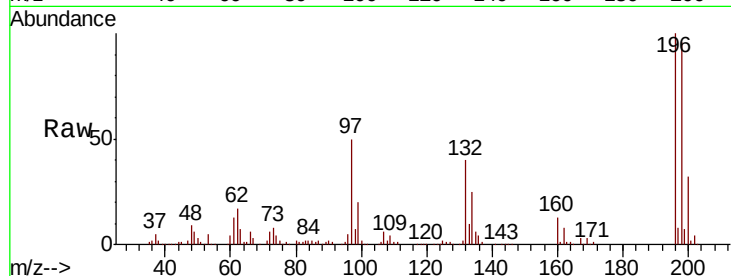




#43
2,4,6-Trichlorophenol
Concen: 42.087 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

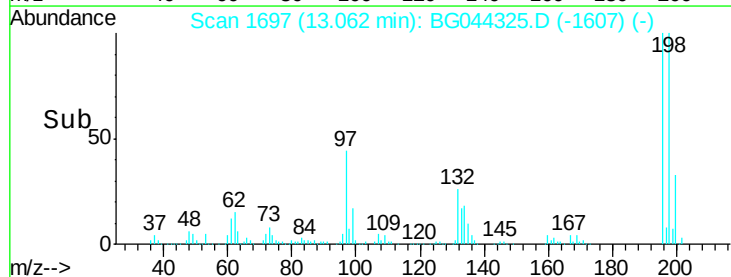
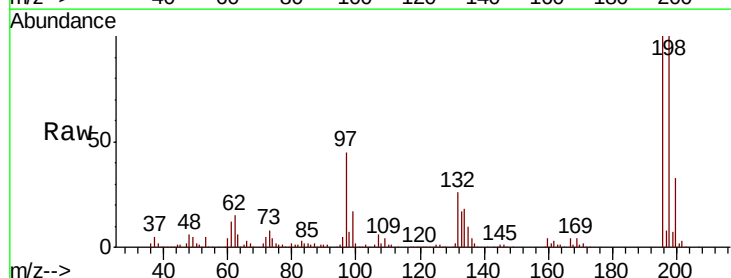
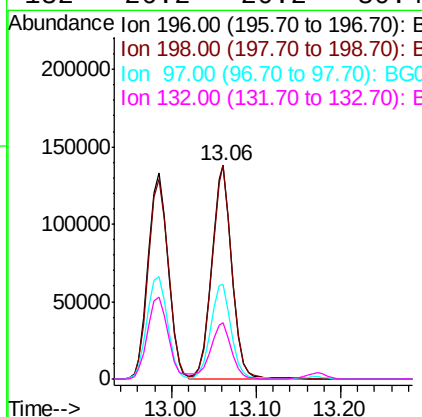
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

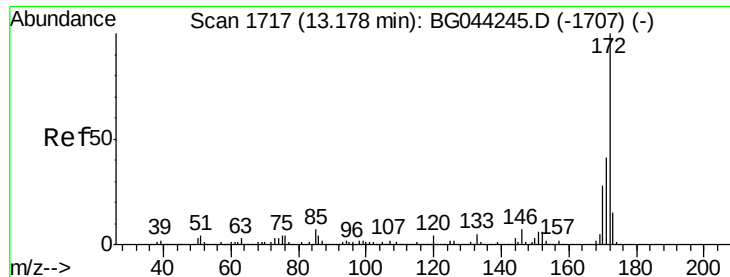
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	79.3	118.9
200	31.7	25.7	38.5



#44
2,4,5-Trichlorophenol
Concen: 44.241 ng
RT: 13.06 min Scan# 1697
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.8	78.2	117.2
97	44.5	36.2	54.4
132	26.2	20.2	30.4

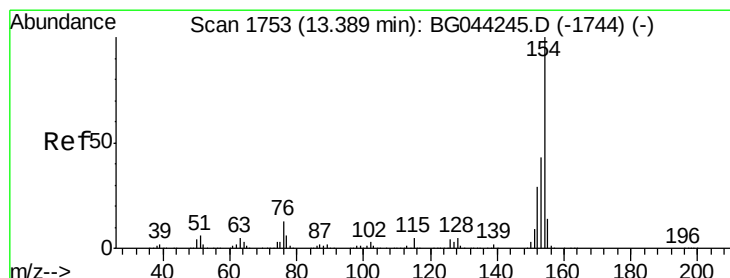
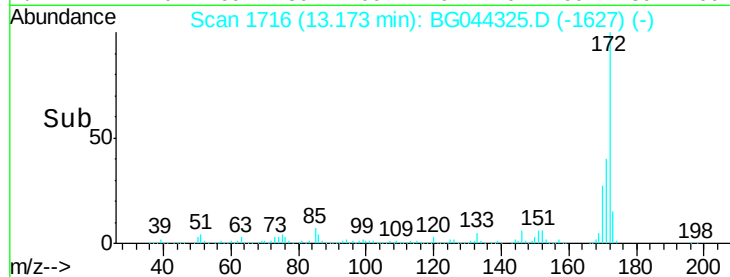
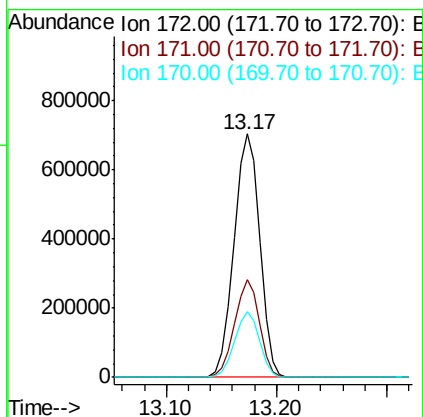
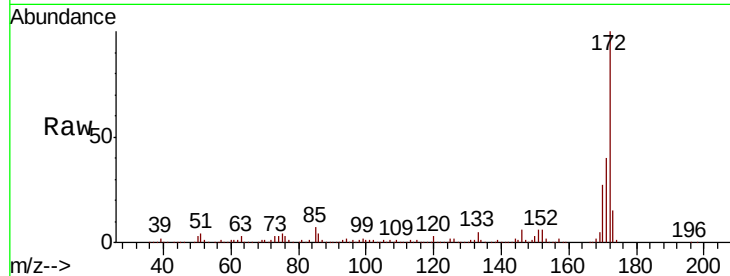




#45
2-Fluorobiphenyl
Concen: 73.099 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

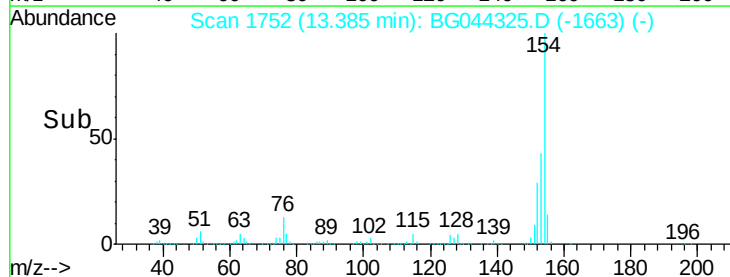
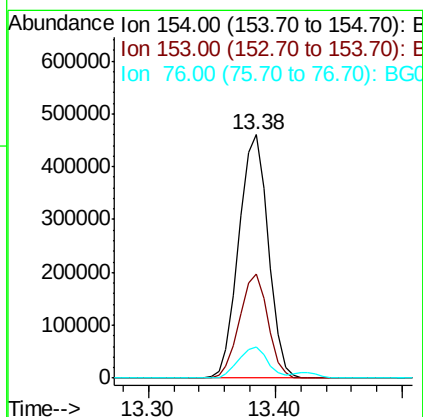
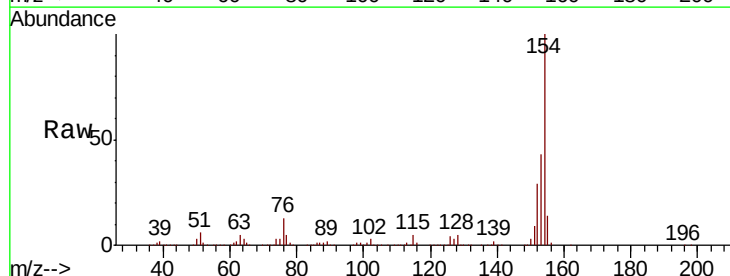
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

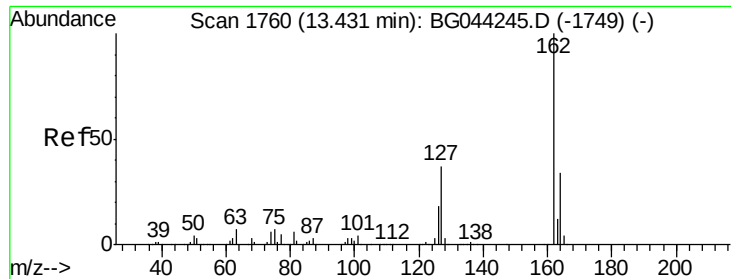
Tot Ion:172 Resp: 1153301
Ion Ratio Lower Upper
172 100
171 40.0 32.9 49.3
170 26.8 22.0 33.0



#46
1,1'-Biphenyl
Concen: 38.802 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:154 Resp: 739433
Ion Ratio Lower Upper
154 100
153 42.7 22.7 62.7
76 12.5 0.0 32.9

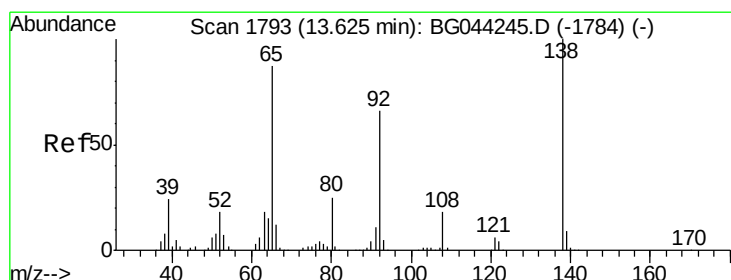
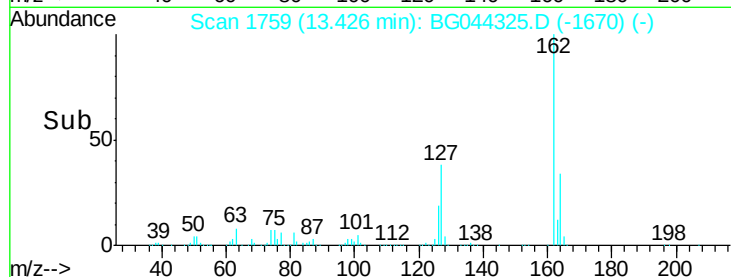
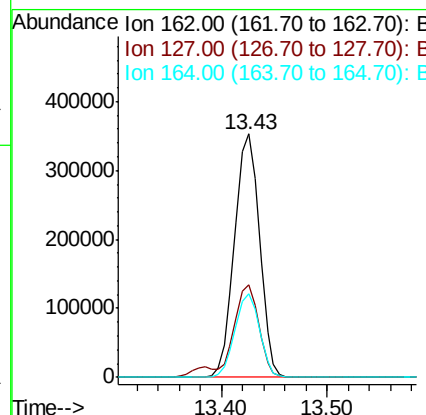
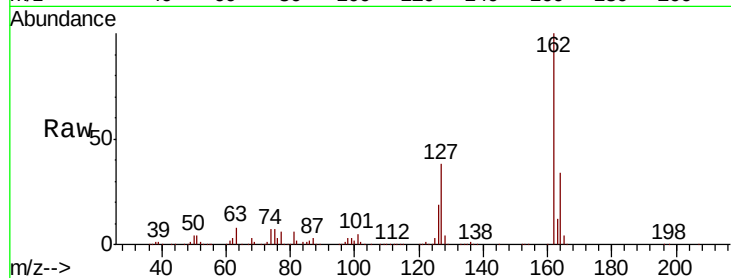




#47
2-Chloronaphthalene
Concen: 38.081 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

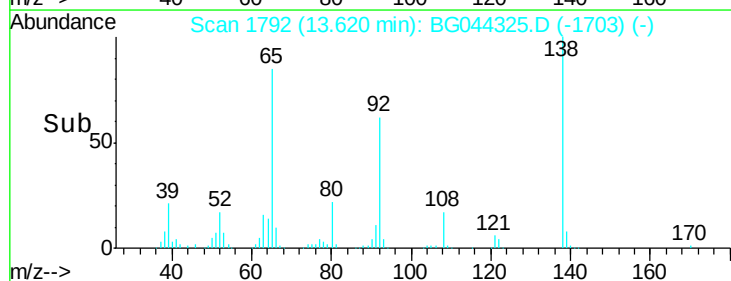
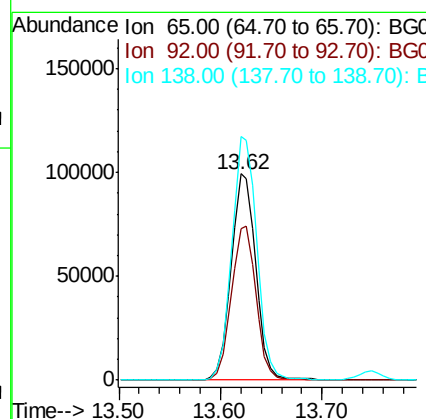
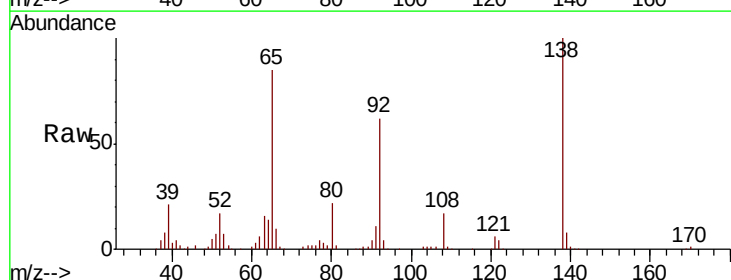
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

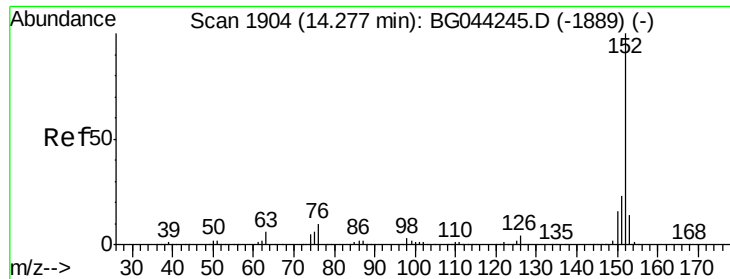
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.1	30.0	45.0
164	34.4	27.2	40.8



#48
2-Nitroaniline
Concen: 37.391 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.7	60.3	90.5
138	118.3	91.9	137.9





#49

Acenaphthylene

Concen: 41.603 ng

RT: 14.27 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

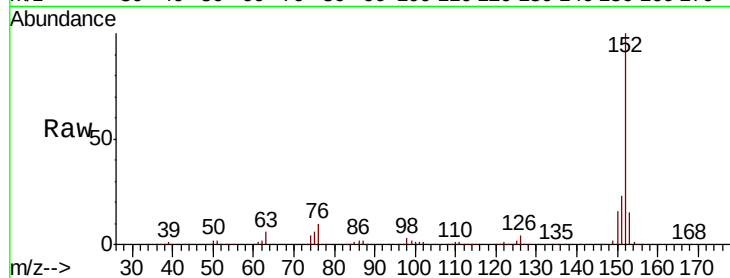
Tot Ion:152 Resp: 925333

Ion Ratio Lower Upper

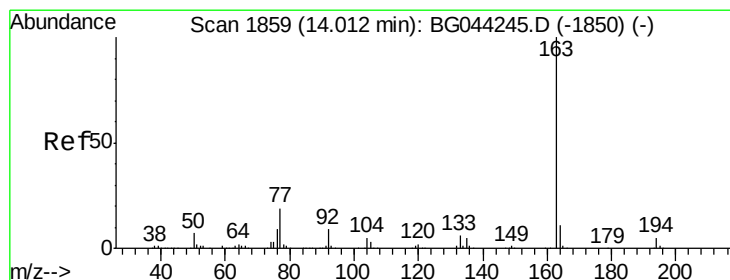
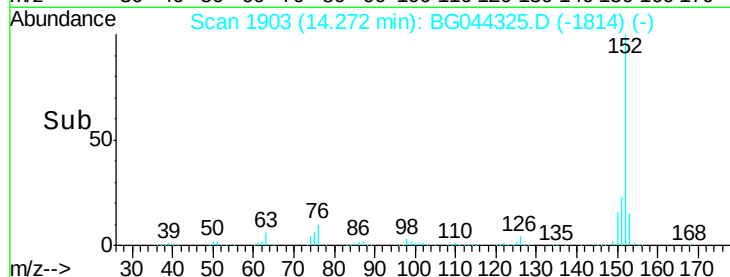
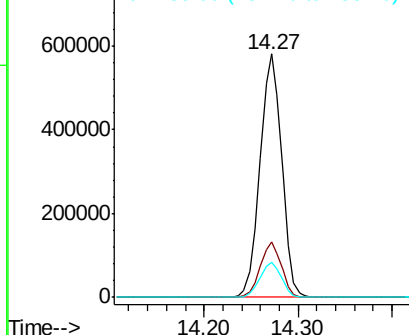
152 100

151 22.6 18.1 27.1

153 14.6 11.5 17.3



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: 43.638 ng

RT: 14.01 min Scan# 1858

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

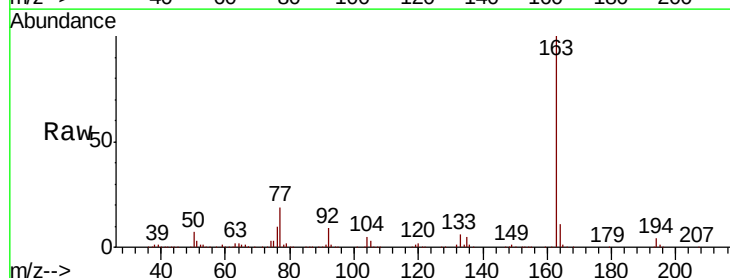
Tgt Ion:163 Resp: 828736

Ion Ratio Lower Upper

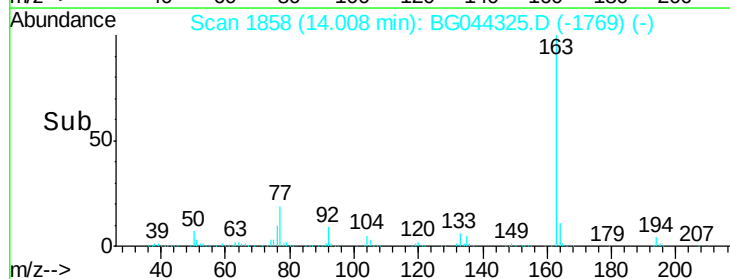
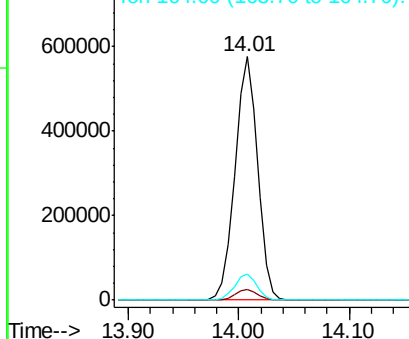
163 100

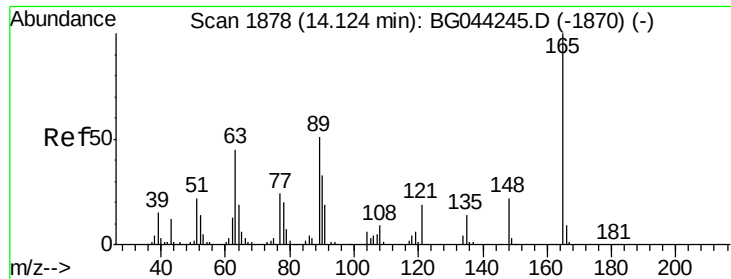
194 4.2 3.6 5.4

164 10.6 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: 39.841 ng

RT: 14.12 min Scan# 1877

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

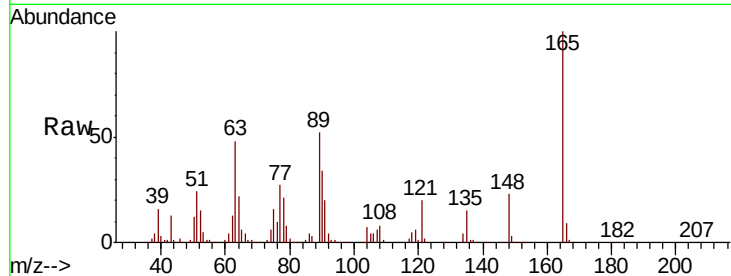
Tot Ion:165 Resp: 168701

Ion Ratio Lower Upper

165 100

63 48.2 38.7 58.1

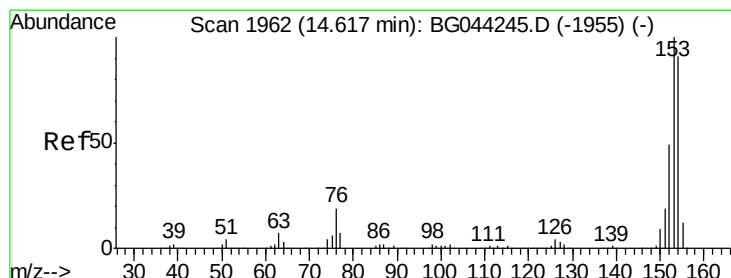
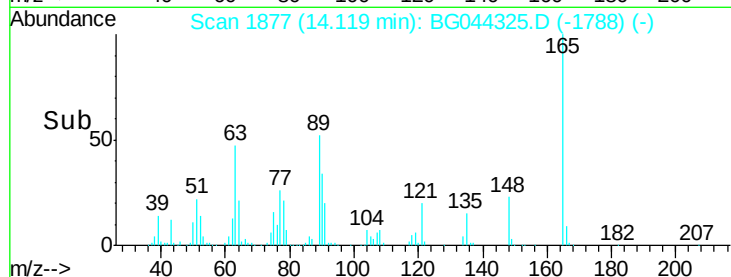
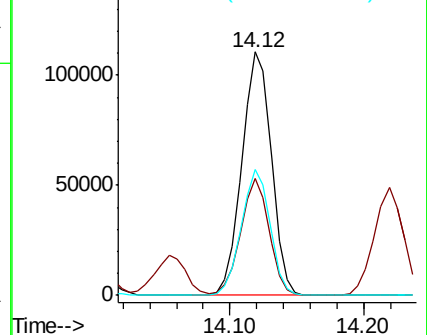
89 51.5 40.4 60.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 39.589 ng

RT: 14.61 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

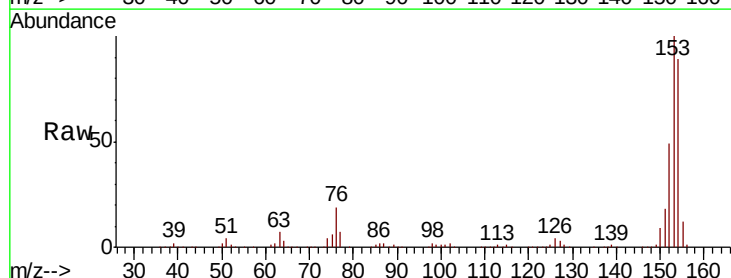
Tgt Ion:154 Resp: 570752

Ion Ratio Lower Upper

154 100

153 112.1 87.9 131.9

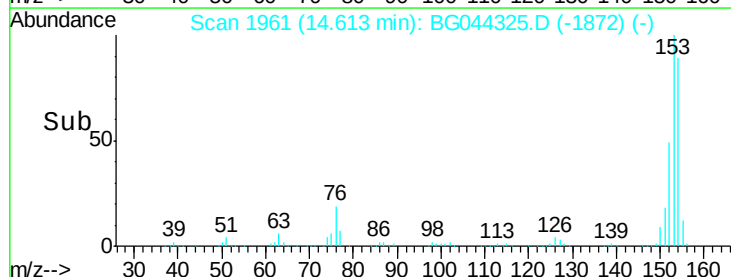
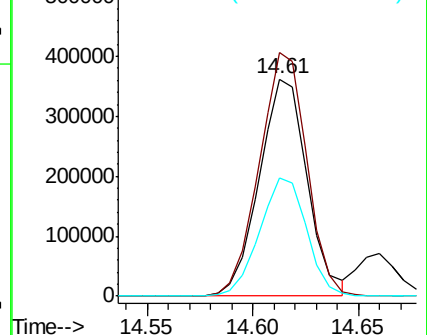
152 54.5 43.1 64.7

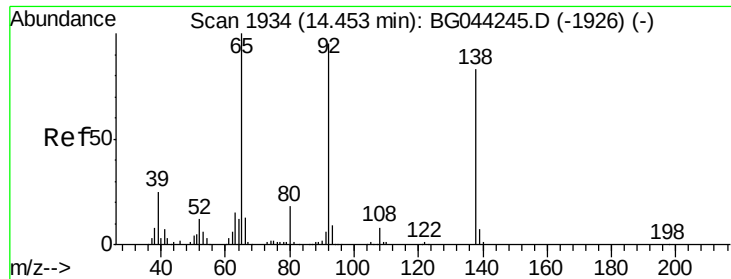


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

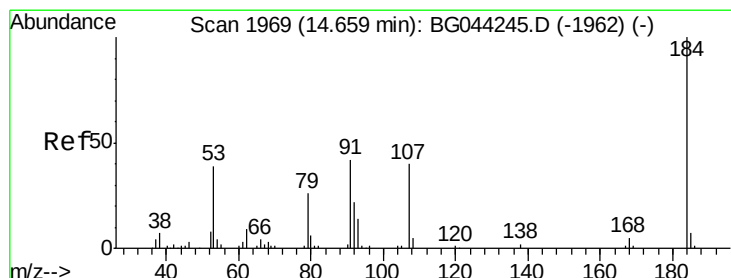
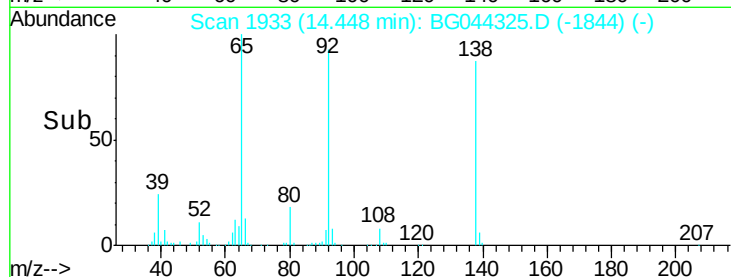
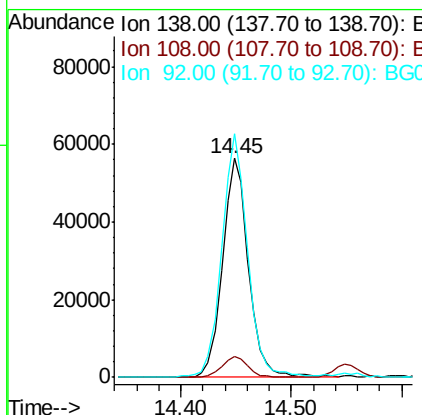
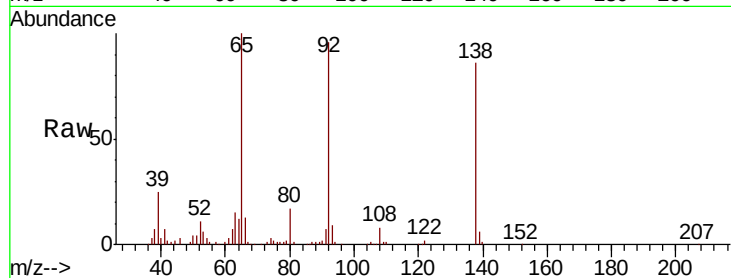




#53
3-Nitroaniline
Concen: 19.713 ng
RT: 14.45 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

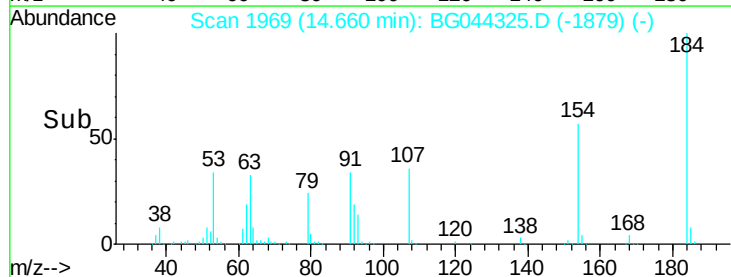
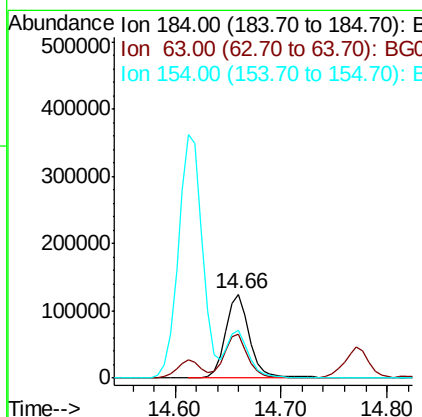
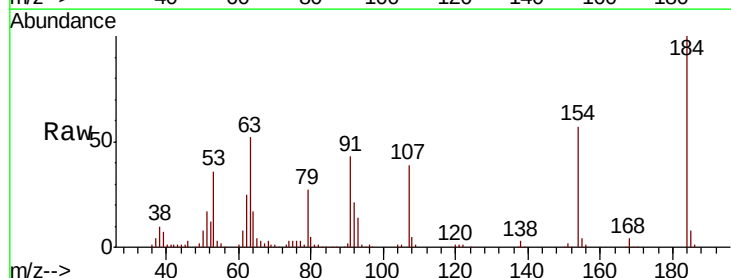
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

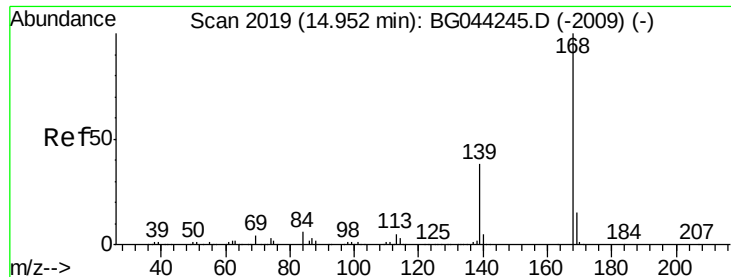
Tot Ion:138 Resp: 92351
Ion Ratio Lower Upper
138 100
108 9.7 7.9 11.9
92 111.3 91.0 136.4



#54
2,4-Dinitrophenol
Concen: 78.199 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:184 Resp: 195732
Ion Ratio Lower Upper
184 100
63 51.6 44.1 66.1
154 57.4 45.4 68.0

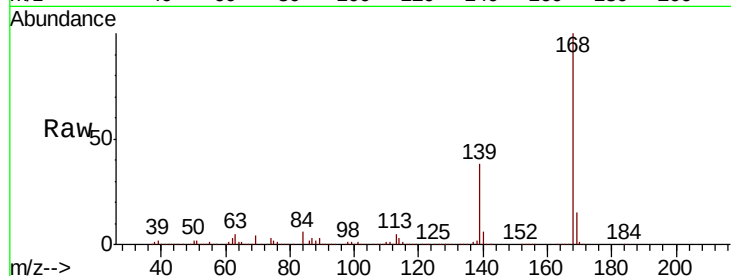




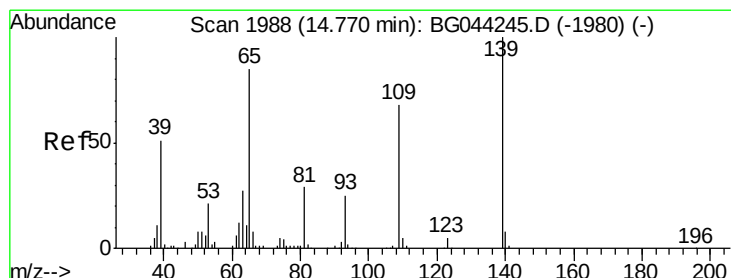
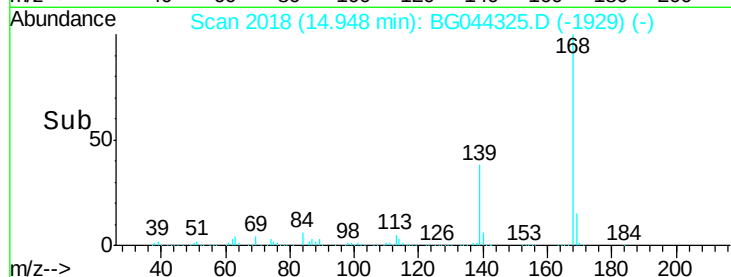
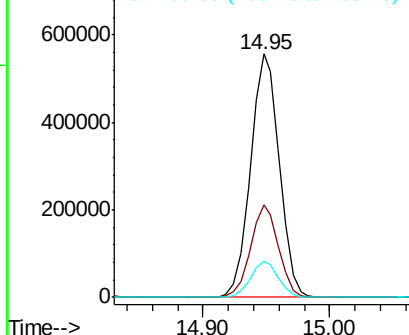
#55
Dibenzenofuran
Concen: 40.193 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:168 Resp: 877326
Ion Ratio Lower Upper
168 100
139 38.0 30.5 45.7
169 14.6 11.7 17.5

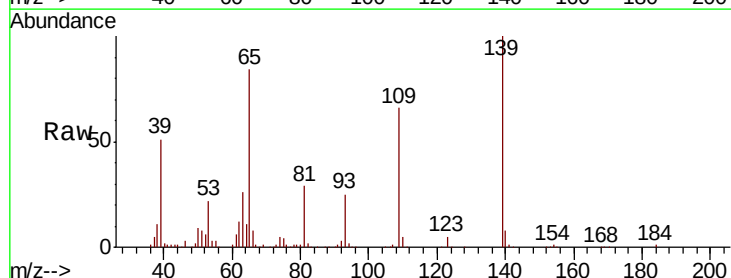


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

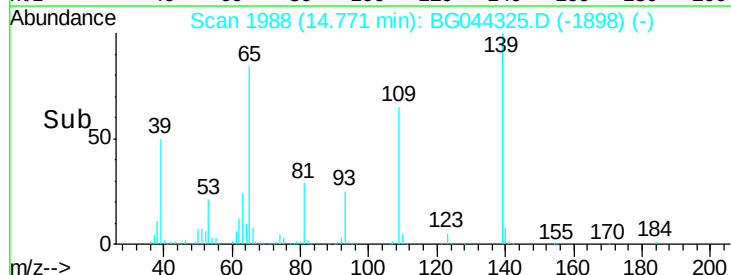
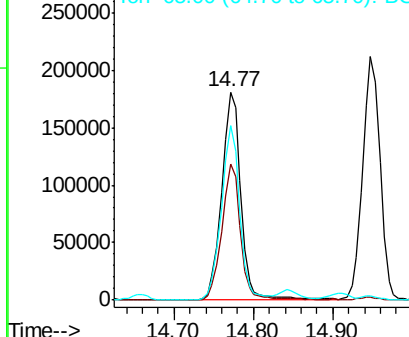


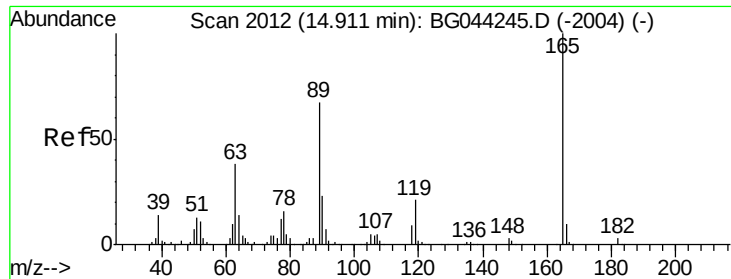
#56
4-Nitrophenol
Concen: 88.828 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:139 Resp: 304820
Ion Ratio Lower Upper
139 100
109 65.5 47.5 87.5
65 83.9 64.9 104.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGO

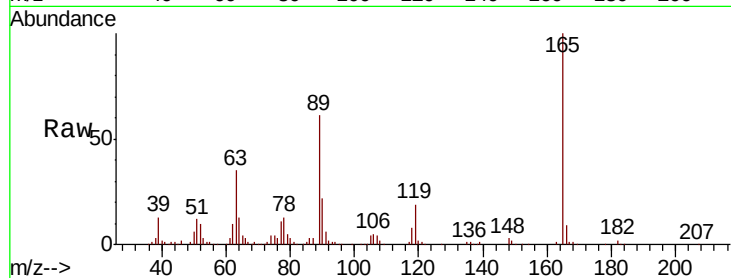




#57
2,4-Dinitrotoluene
Concen: 39.242 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	35.0	30.3	45.5
89	61.1	53.4	80.2
182	2.3	2.1	3.1

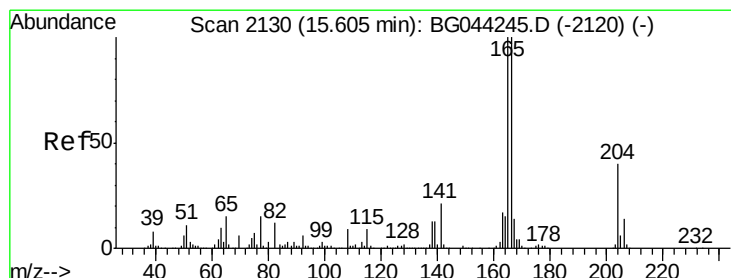
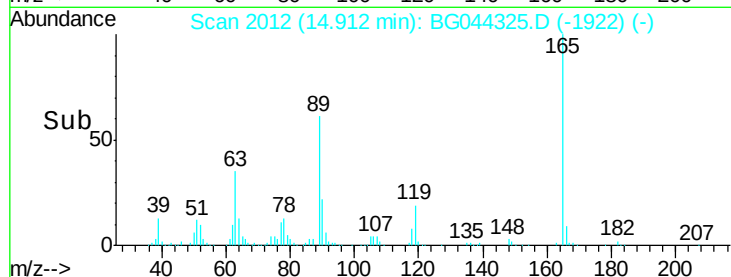
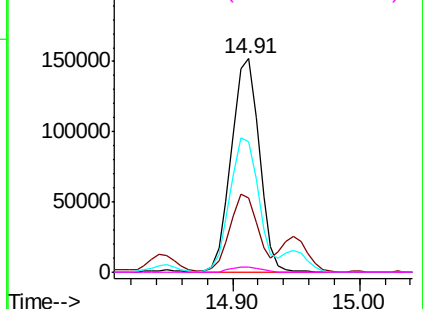


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

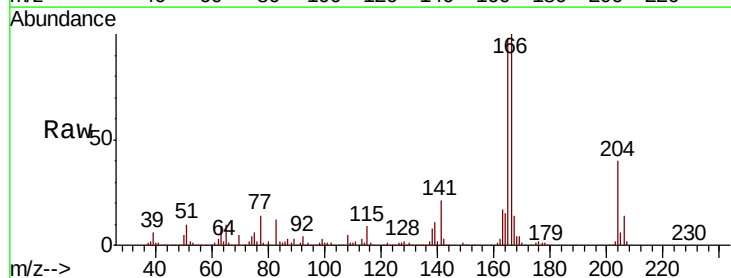
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.327 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

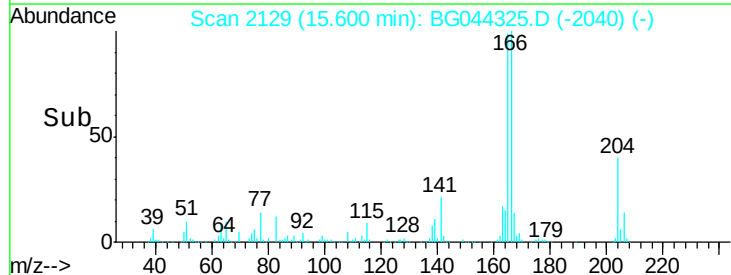
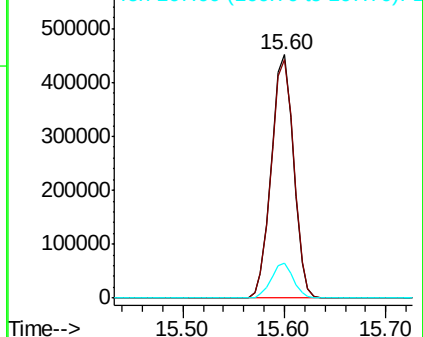
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.9	119.9
167	14.2	11.4	17.0

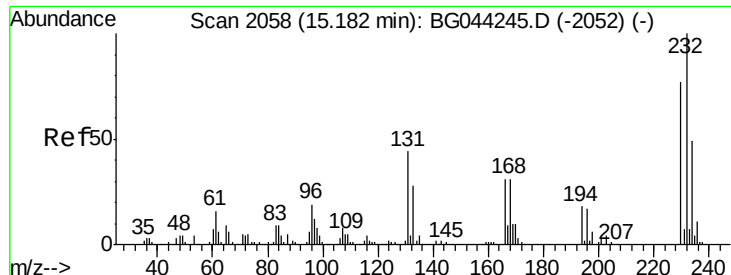


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

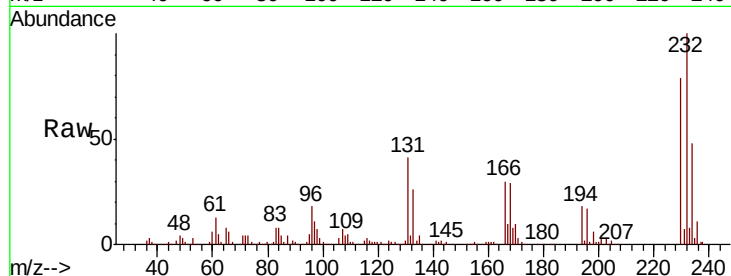




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.386 ng
 RT: 15.18 min Scan# 2058
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.2	51.4
130	2.4	1.8	2.8
166	31.7	23.8	35.8



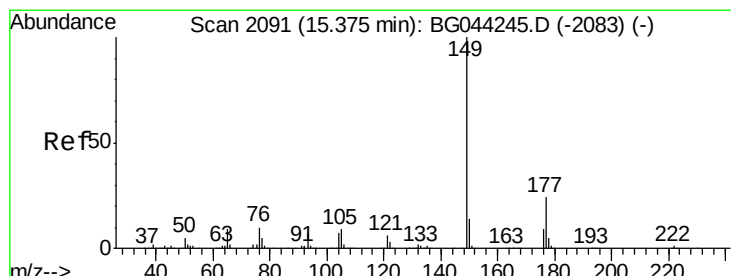
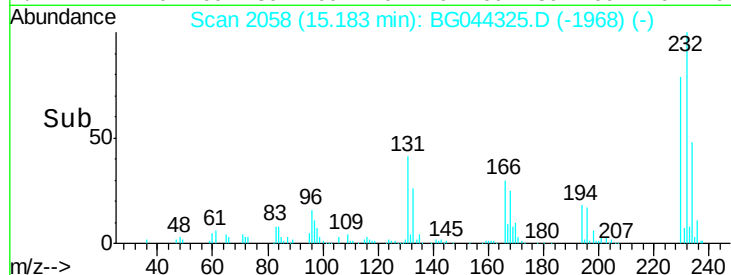
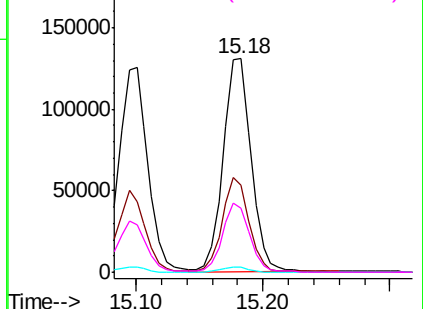
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

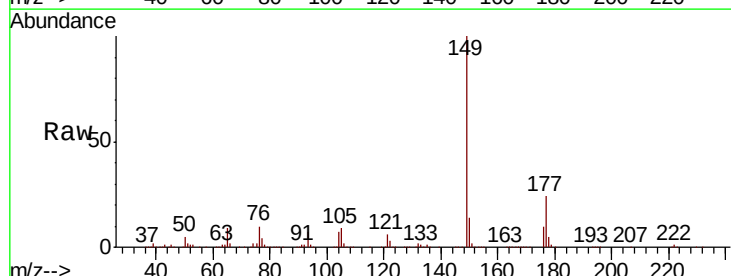
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.271 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.4	29.0
150	13.5	10.9	16.3

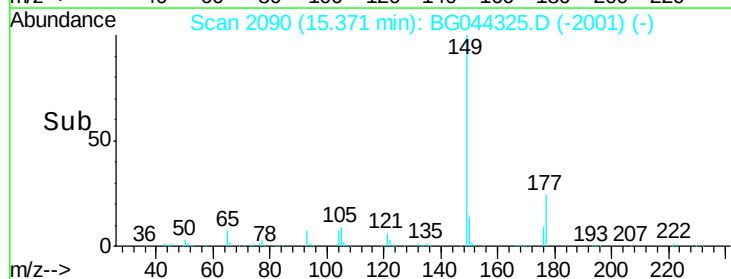
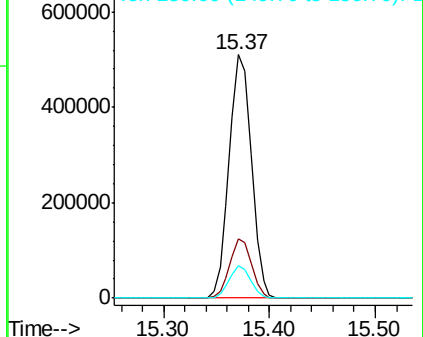


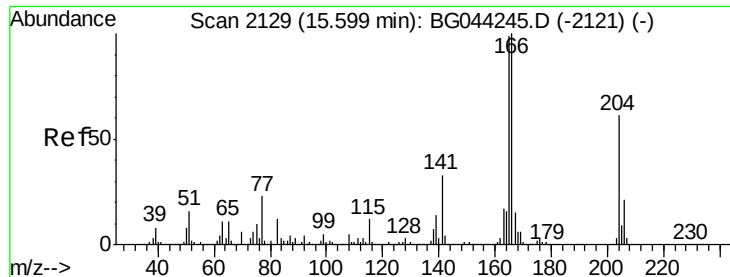
Abundance

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

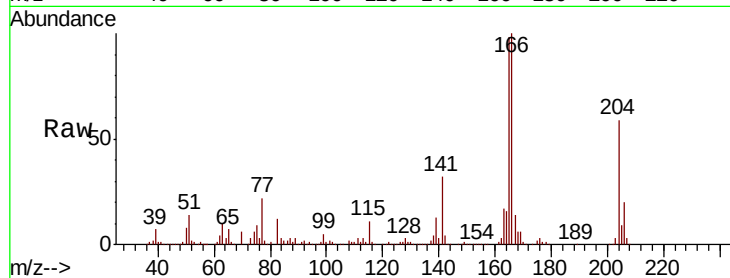




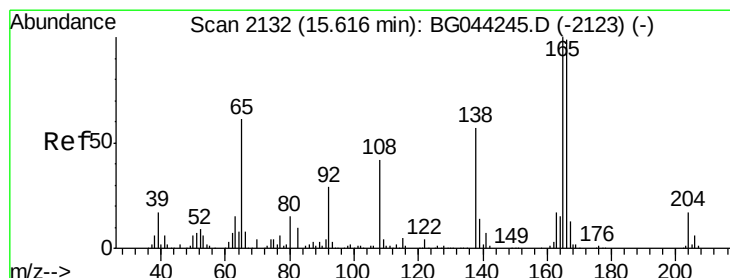
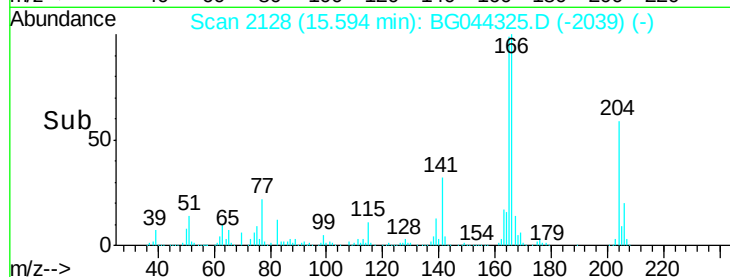
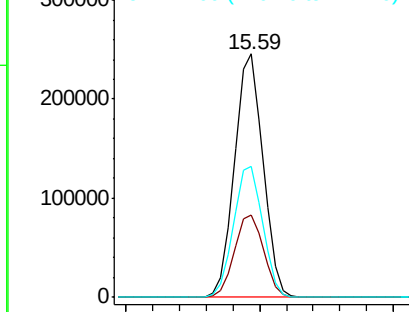
#61
4-Chlorophenyl-phenylether
Concen: 39.049 ng
RT: 15.59 min Scan# 2128
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:204 Resp: 364000
Ion Ratio Lower Upper
204 100
206 33.8 27.6 41.4
141 53.7 43.4 65.0

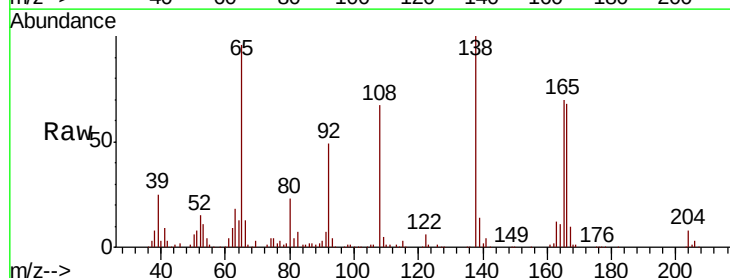


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

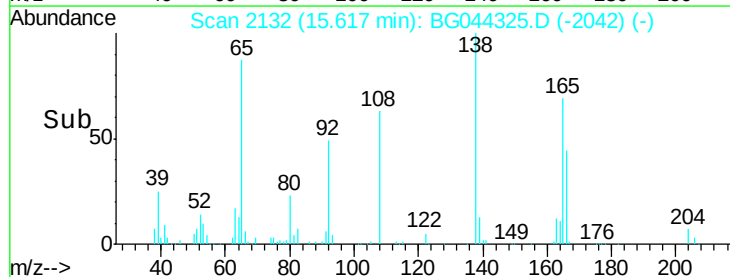
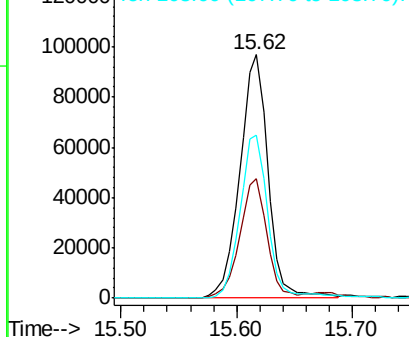


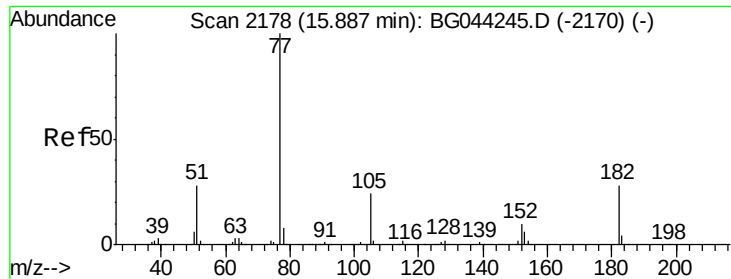
#62
4-Nitroaniline
Concen: 35.030 ng
RT: 15.62 min Scan# 2132
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:138 Resp: 163982
Ion Ratio Lower Upper
138 100
92 49.0 31.3 71.3
108 67.2 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BG
Ion 108.00 (107.70 to 108.70): E

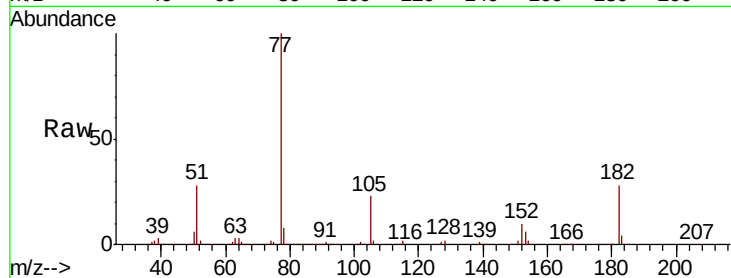




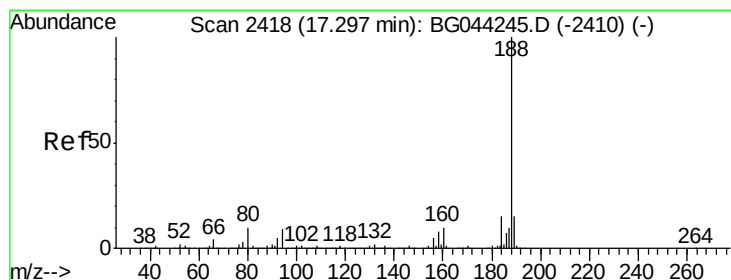
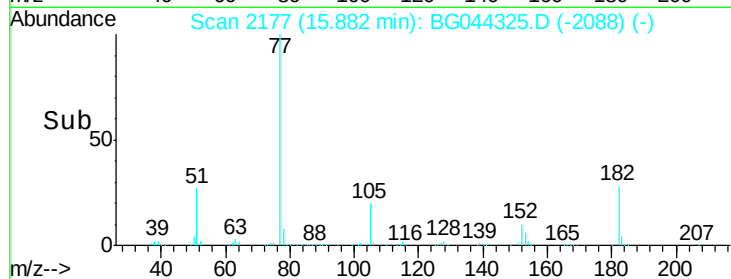
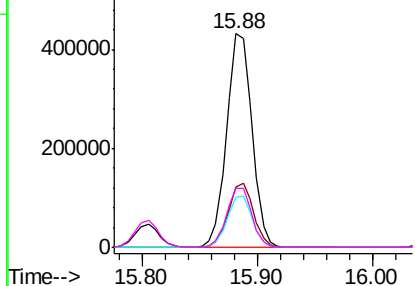
#63
Azobenzene
Concen: 39.387 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:	77	Resp:	653228
Ion	Ratio	Lower	Upper
77	100		
182	27.9	8.2	48.2
105	23.2	3.6	43.6
51	27.7	8.3	48.3

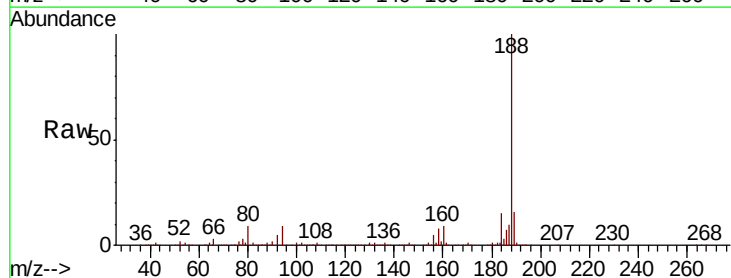


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

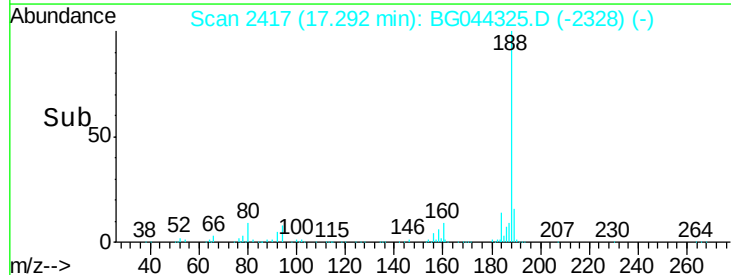
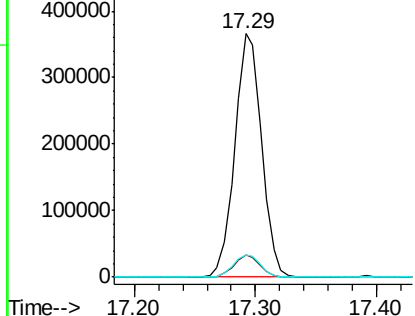


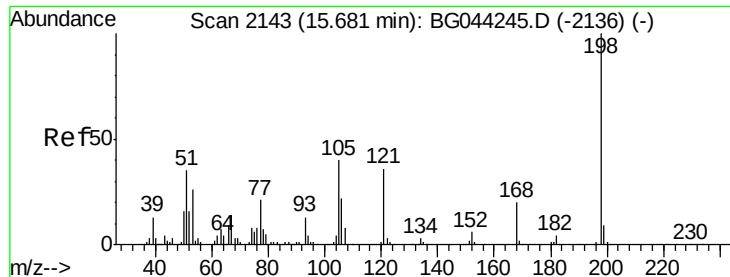
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:	188	Resp:	565521
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.4	11.2
80	9.1	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

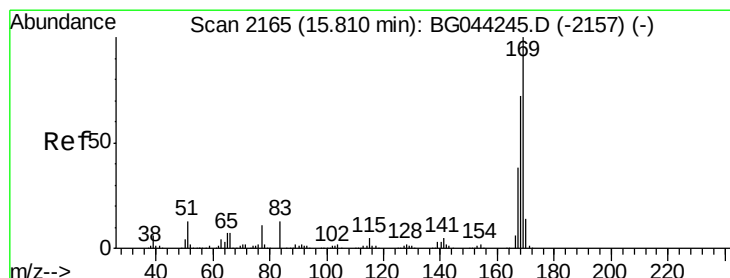
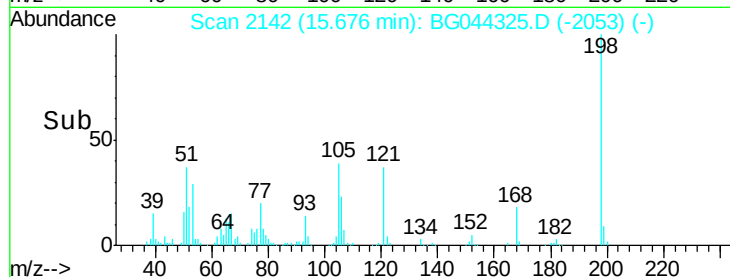
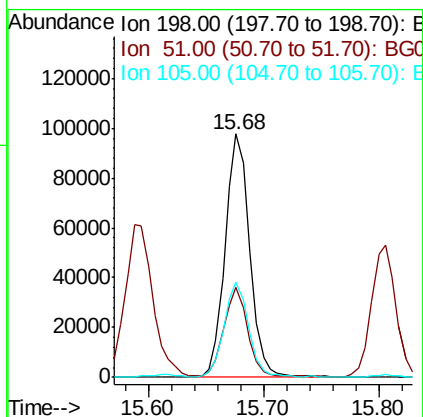
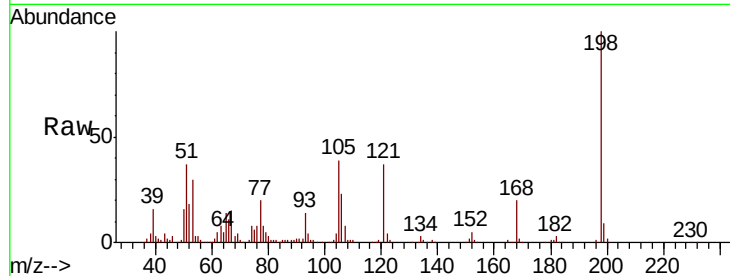




#65
4,6-Dinitro-2-methylphenol
Concen: 46.114 ng
RT: 15.68 min Scan# 2142
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

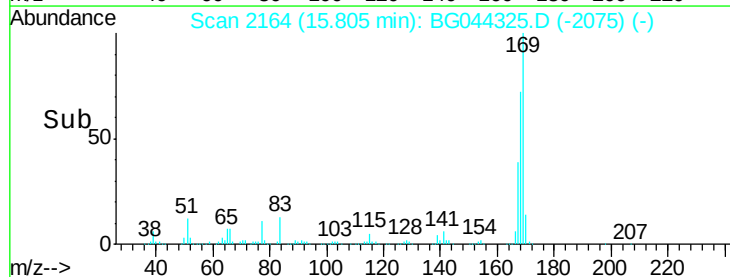
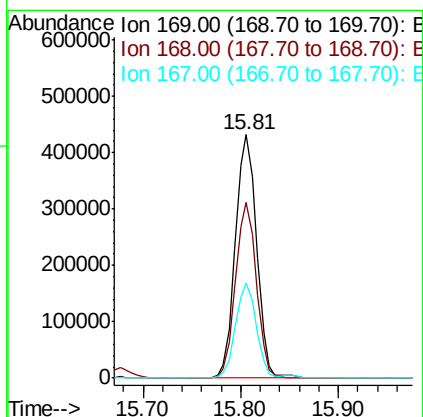
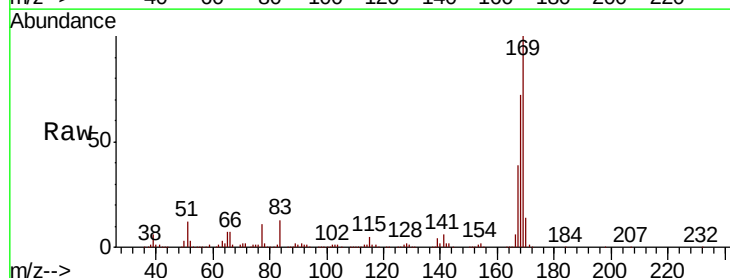
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

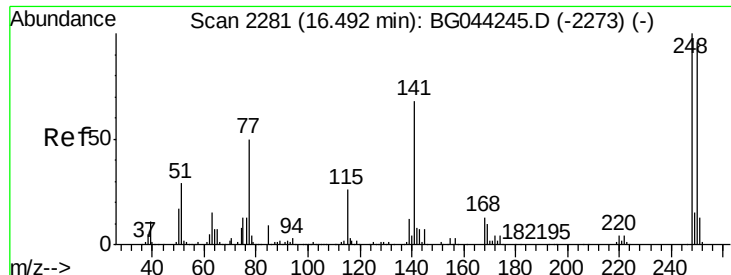
Tot Ion:198 Resp: 143954
Ion Ratio Lower Upper
198 100
51 37.1 16.6 56.6
105 39.3 20.6 60.6



#66
n-Nitrosodiphenylamine
Concen: 40.938 ng
RT: 15.81 min Scan# 2164
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:169 Resp: 648807
Ion Ratio Lower Upper
169 100
168 72.0 57.9 86.9
167 39.1 30.7 46.1

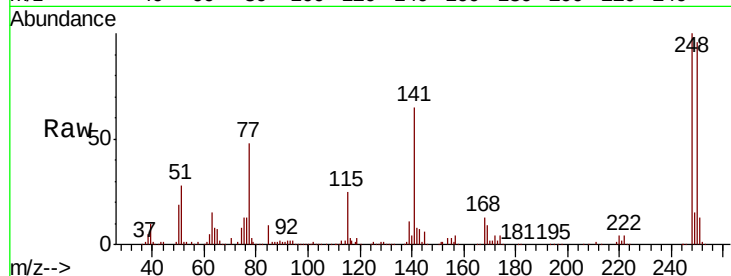




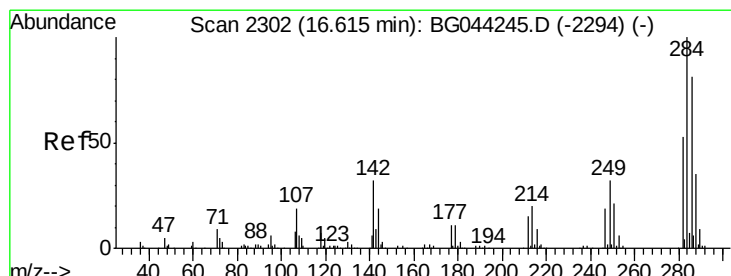
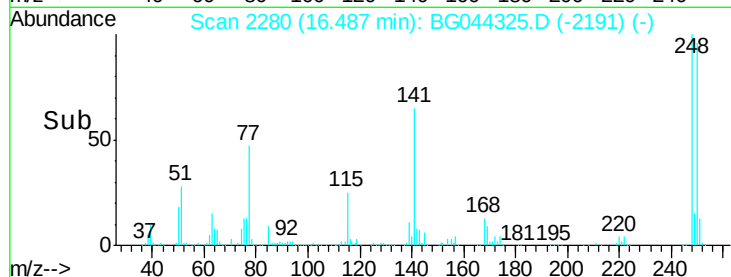
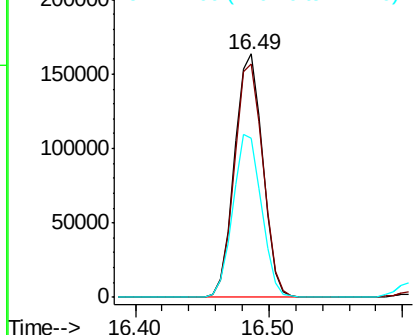
#67
 4-Bromophenyl-phenylether
 Concen: 39.023 ng
 RT: 16.49 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

Tot Ion:248 Resp: 240431
 Ion Ratio Lower Upper
 248 100
 250 95.7 76.6 114.8
 141 65.4 54.7 82.1

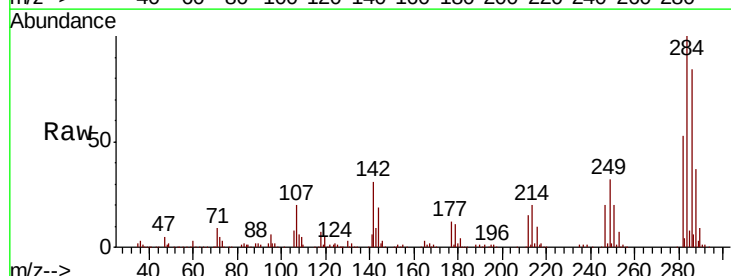


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

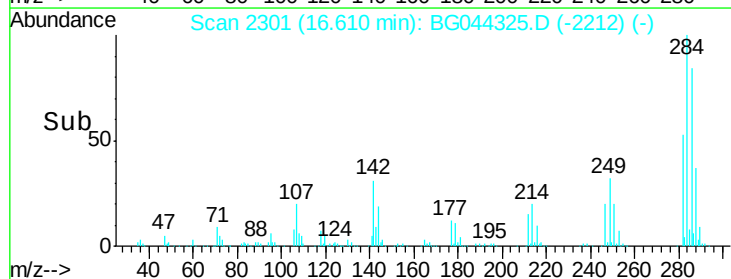
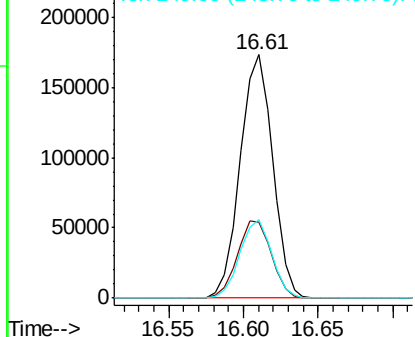


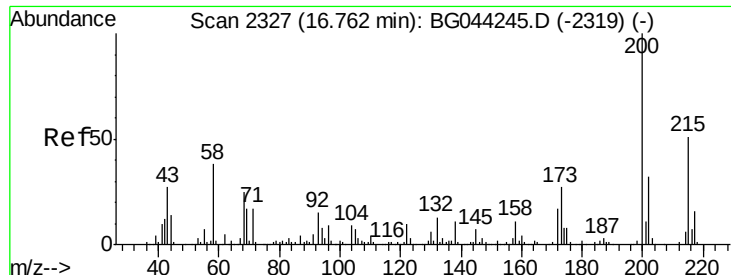
#68
 Hexachlorobenzene
 Concen: 37.888 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion:284 Resp: 261532
 Ion Ratio Lower Upper
 284 100
 142 31.2 25.3 37.9
 249 32.3 25.5 38.3



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

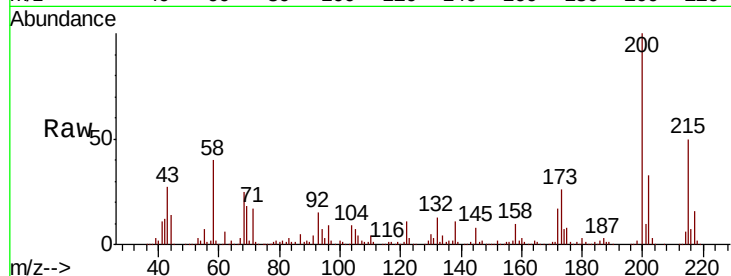




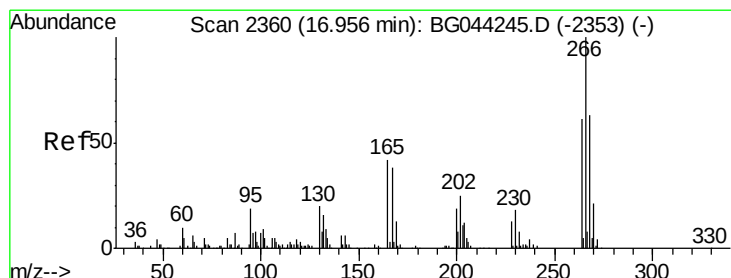
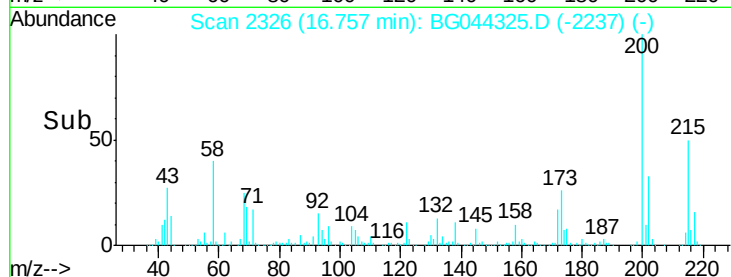
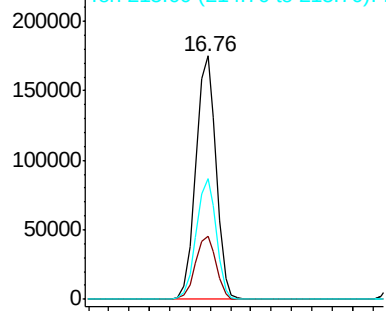
#69
 Atrazine
 Concen: 44.536 ng
 RT: 16.76 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.6	46.6
215	49.6	31.0	71.0

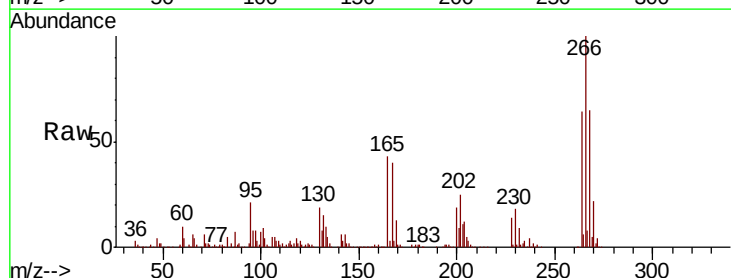


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

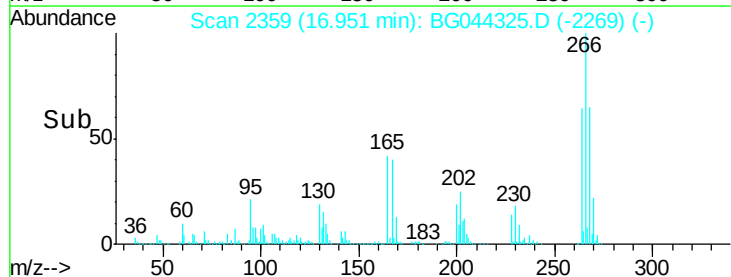
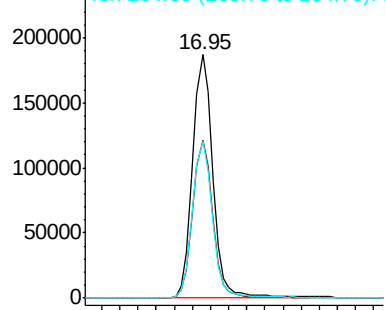


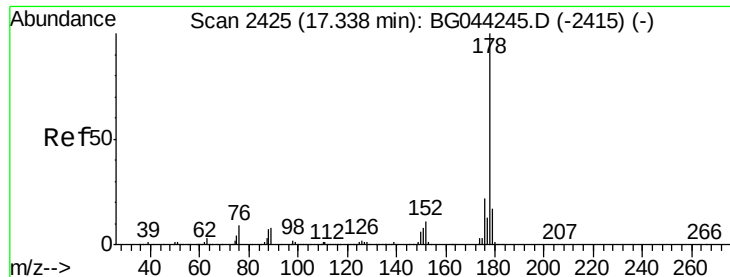
#70
 Pentachlorophenol
 Concen: 82.989 ng
 RT: 16.95 min Scan# 2359
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	50.6	75.8
264	64.2	48.7	73.1



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

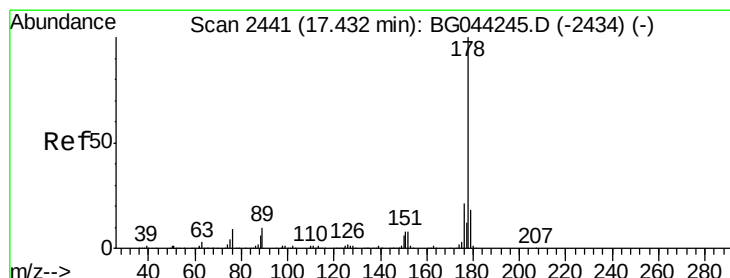
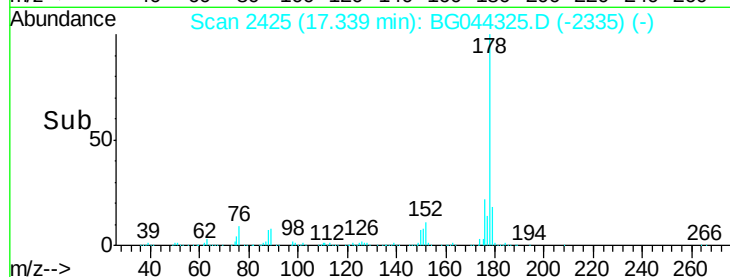
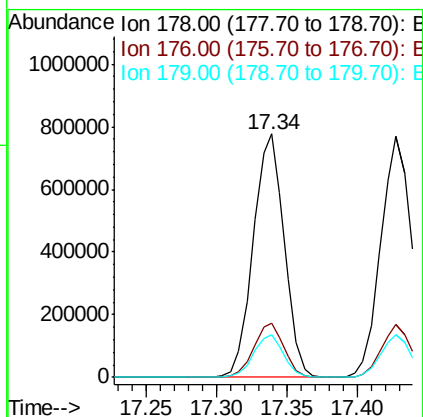
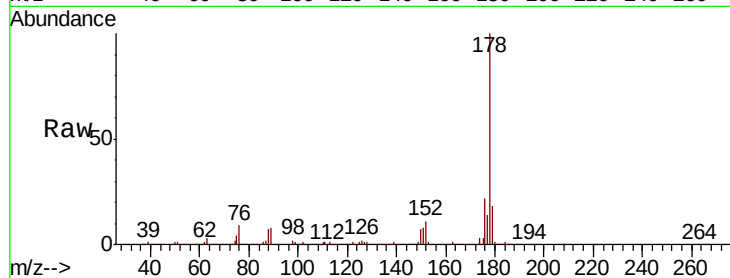




#71
Phenanthrene
Concen: 43.757 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

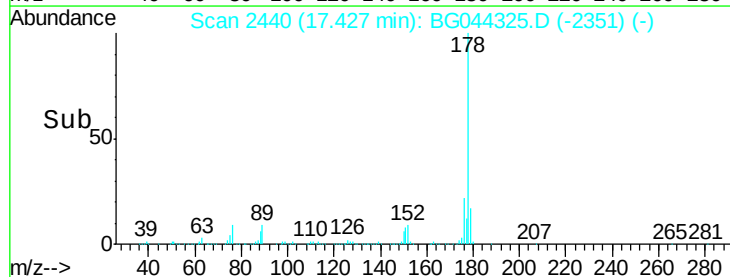
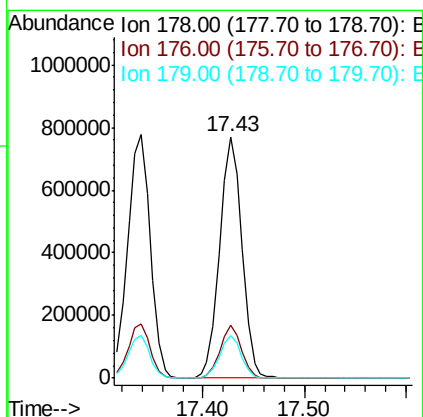
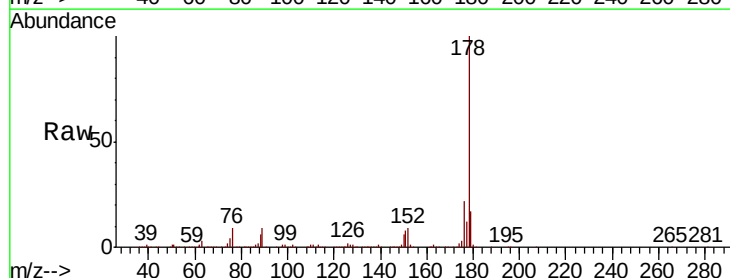
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

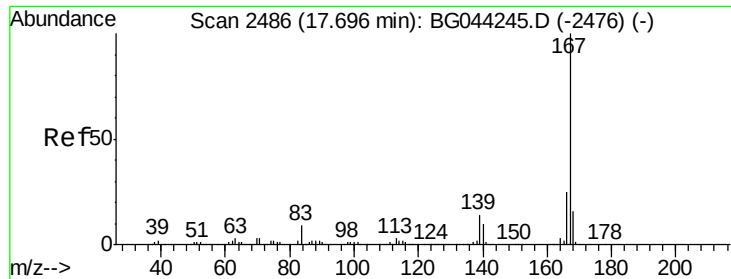
Tot Ion:178 Resp: 1198250
Ion Ratio Lower Upper
178 100
176 22.1 17.7 26.5
179 17.6 13.7 20.5



#72
Anthracene
Concen: 43.324 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:178 Resp: 1172963
Ion Ratio Lower Upper
178 100
176 21.7 17.0 25.4
179 17.4 14.4 21.6

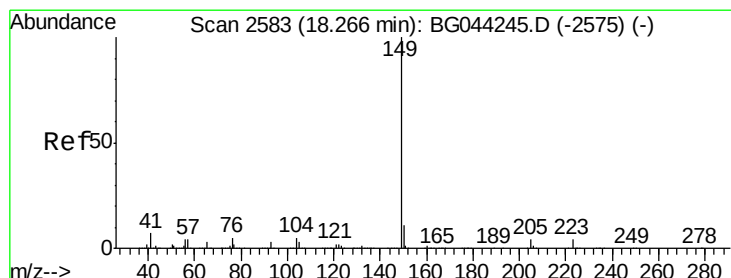
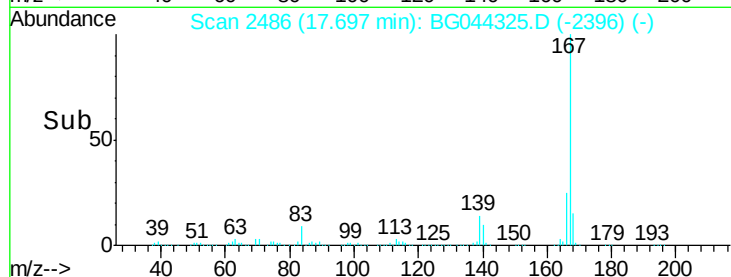
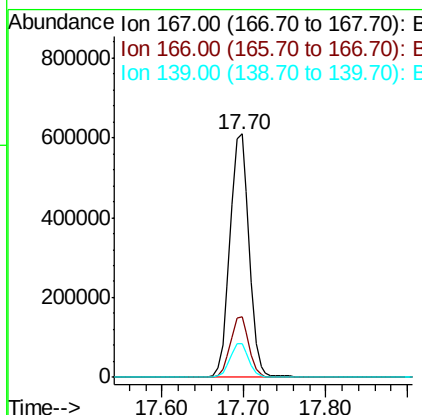
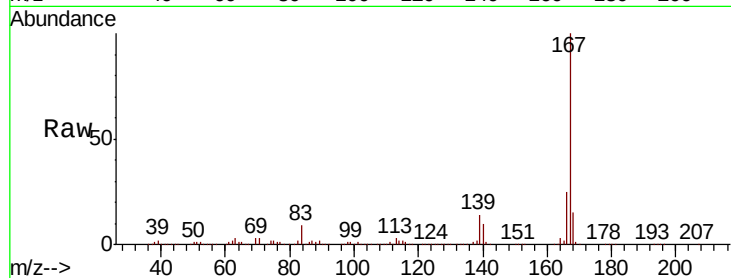




#73
 Carbazole
 Concen: 40.126 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

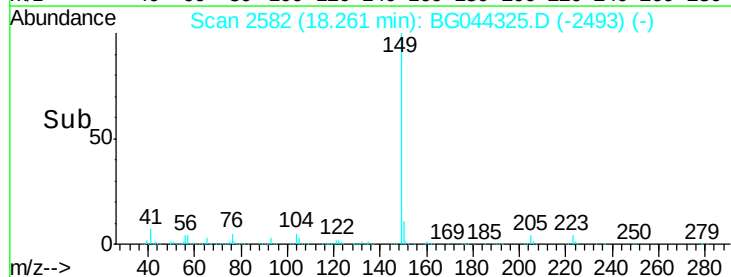
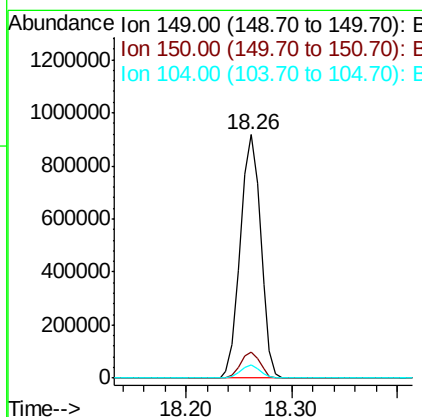
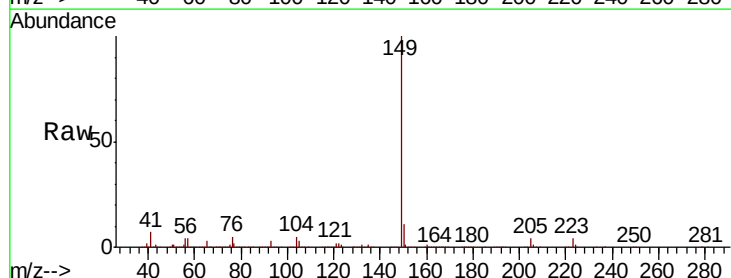
Instrument :
 BNA_G
 ClientSampleId :
 SHORE-RD-PATH-BH-01-BMS

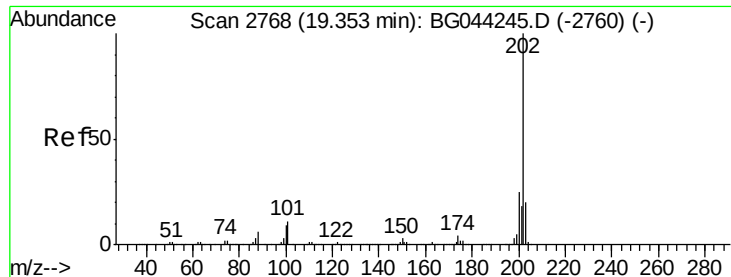
Tot Ion:167 Resp: 1001505
 Ion Ratio Lower Upper
 167 100
 166 25.0 19.8 29.6
 139 14.1 11.1 16.7



#74
 Di-n-butylphthalate
 Concen: 39.533 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion:149 Resp: 1219341
 Ion Ratio Lower Upper
 149 100
 150 10.6 8.7 13.1
 104 5.3 4.3 6.5





#75

Fluoranthene

Concen: 48.665 ng

RT: 19.35 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

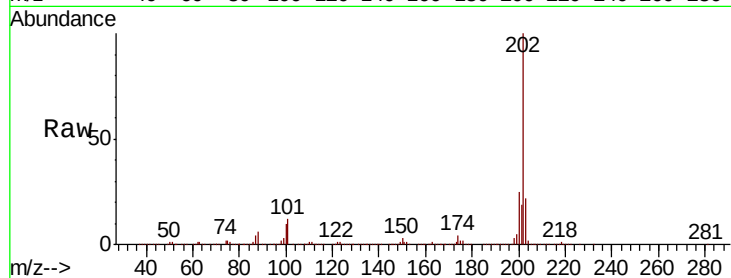
Tot Ion:202 Resp: 1541633

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.3

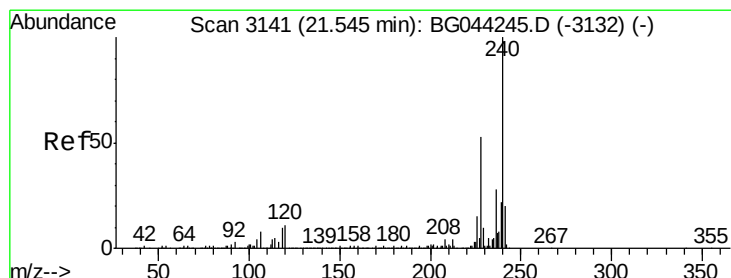
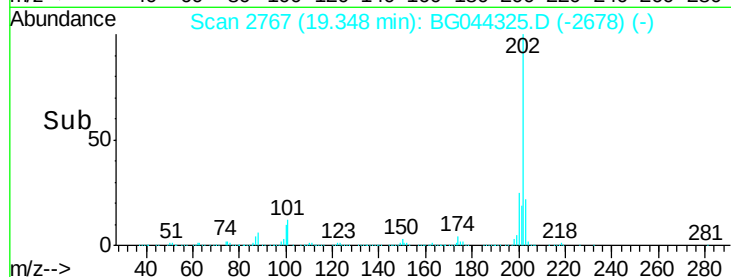
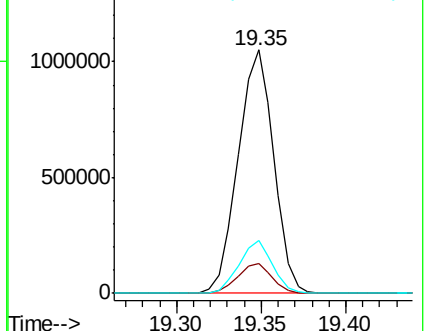
203 21.5 0.0 39.9



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: BG044325.D

Acq: 6 Feb 2020 16:35

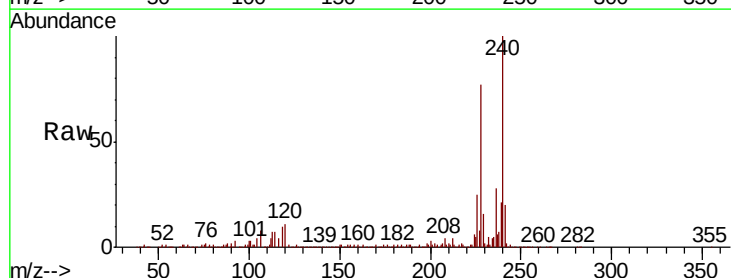
Tgt Ion:240 Resp: 490213

Ion Ratio Lower Upper

240 100

120 10.9 8.4 12.6

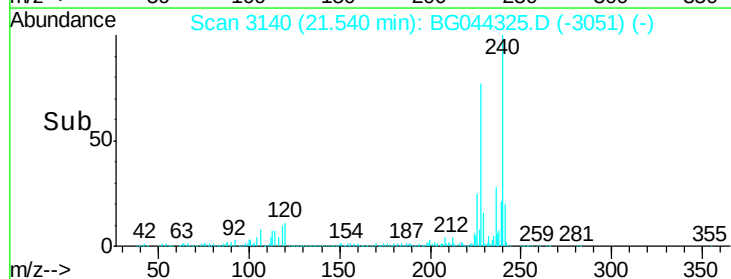
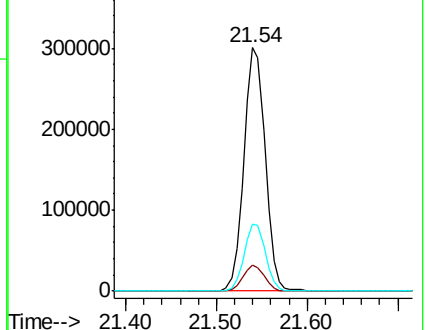
236 27.7 22.1 33.1

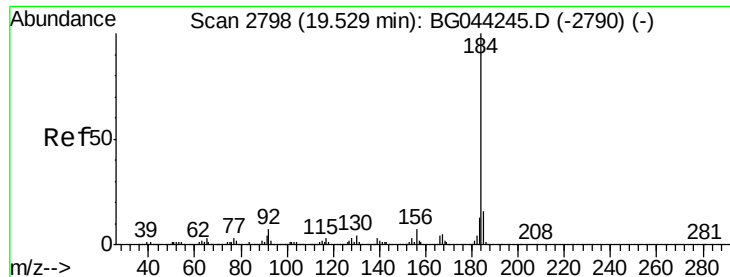


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.821 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

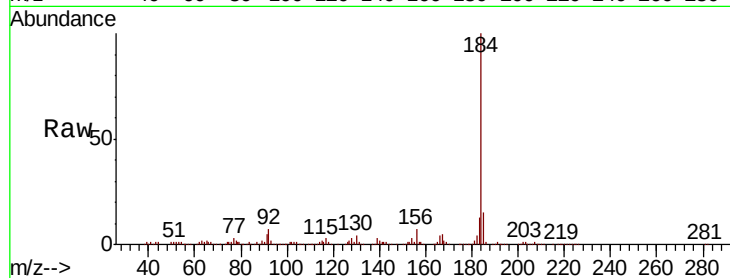
Tot Ion:184 Resp: 255921

Ion Ratio Lower Upper

184 100

185 14.6 12.9 19.3

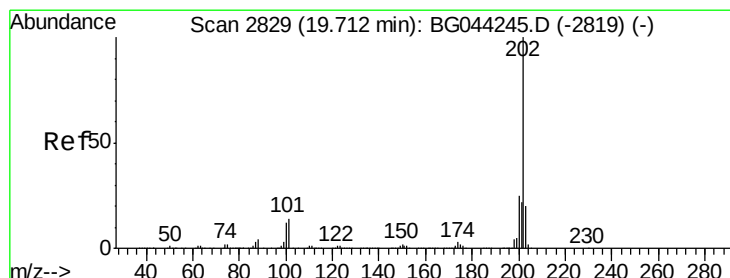
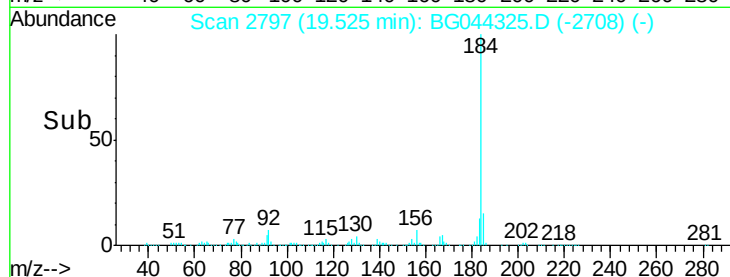
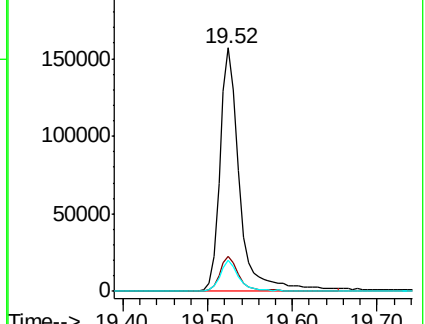
183 13.0 10.8 16.2



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: 49.291 ng

RT: 19.71 min Scan# 2828

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

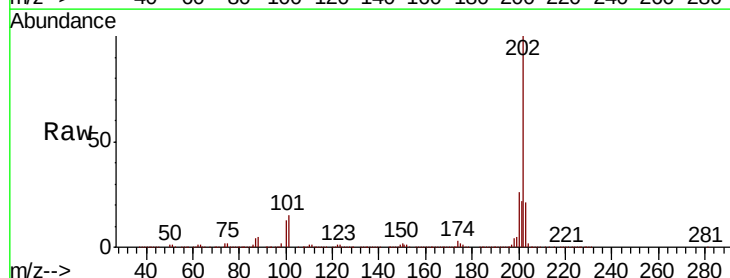
Tgt Ion:202 Resp: 1551761

Ion Ratio Lower Upper

202 100

200 25.9 20.0 30.0

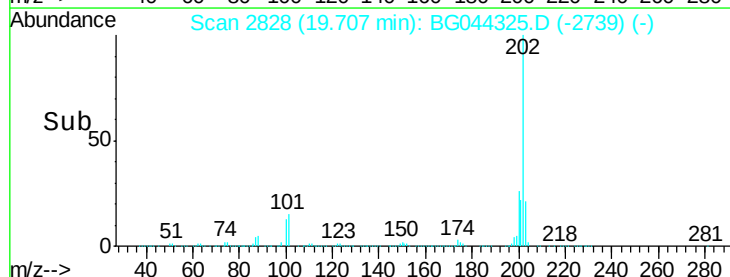
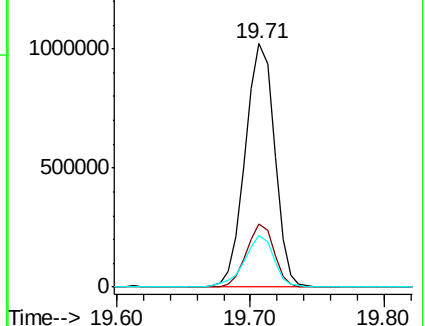
203 21.2 16.2 24.2

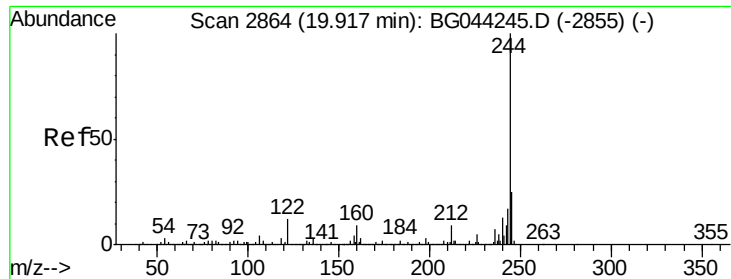


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 67.453 ng

RT: 19.91 min Scan# 2863

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

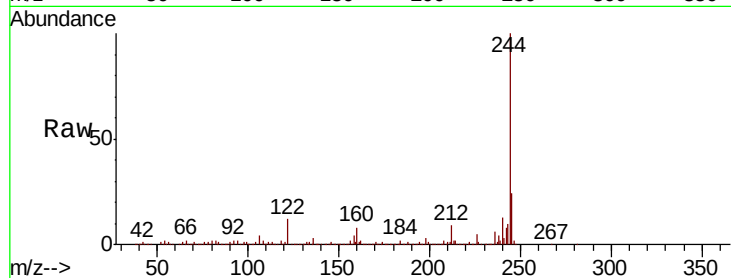
Tot Ion:244 Resp: 1607597

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.2

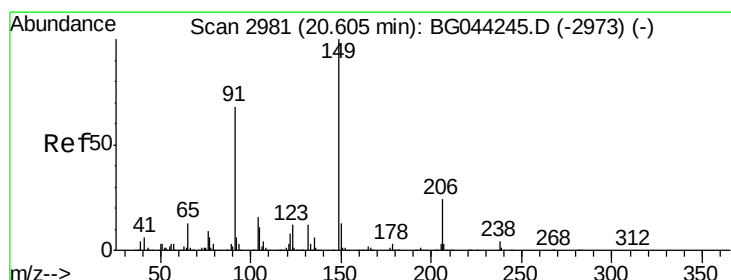
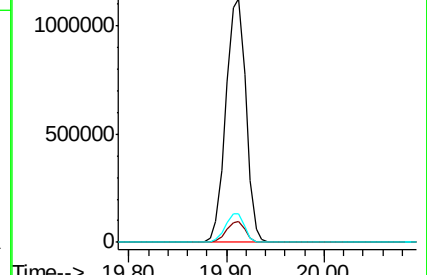
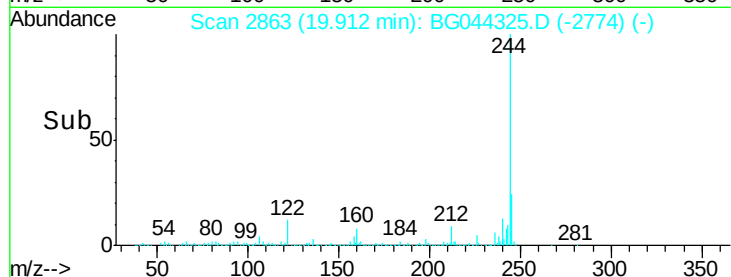
122 11.7 9.8 14.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.044 ng

RT: 20.60 min Scan# 2980

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

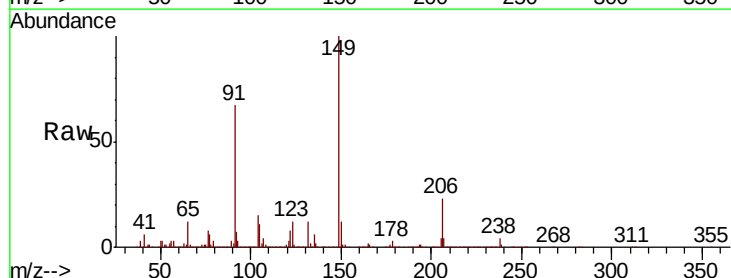
Tgt Ion:149 Resp: 560147

Ion Ratio Lower Upper

149 100

91 67.2 54.5 81.7

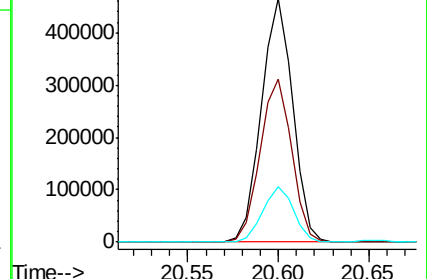
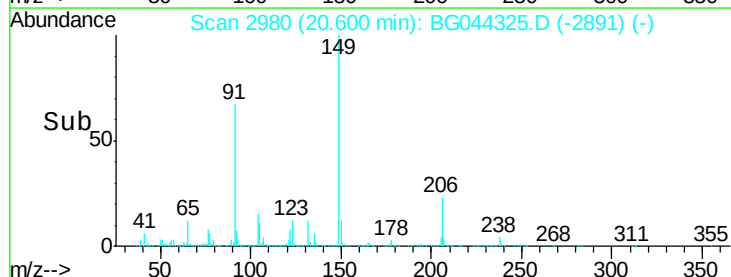
206 23.0 19.1 28.7

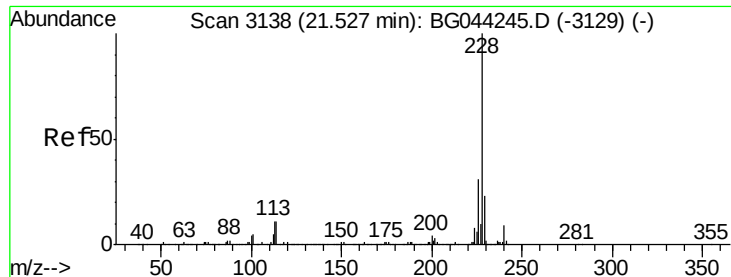


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 46.105 ng

RT: 21.52 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

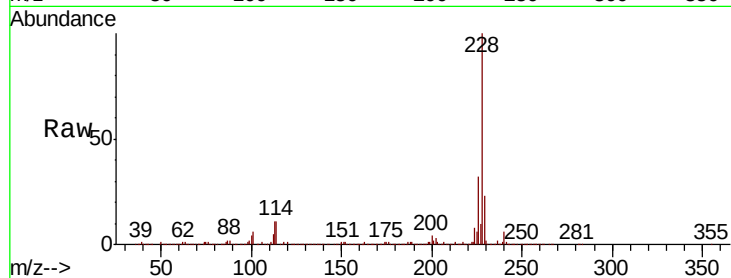
Tot Ion:228 Resp: 1392949

Ion Ratio Lower Upper

228 100

226 31.8 24.7 37.1

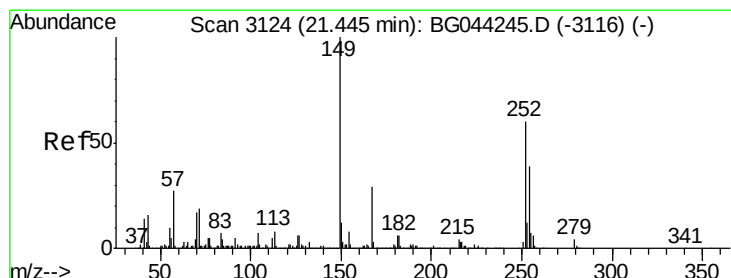
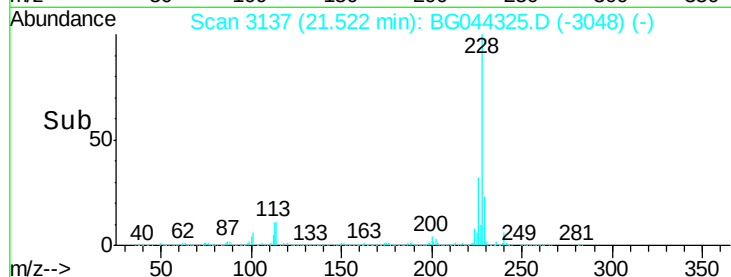
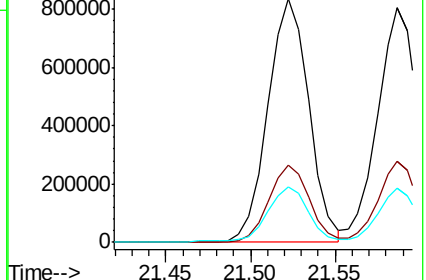
229 23.0 18.2 27.4



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



#82

3,3'-Dichlorobenzidine

Concen: 22.409 ng

RT: 21.44 min Scan# 3123

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

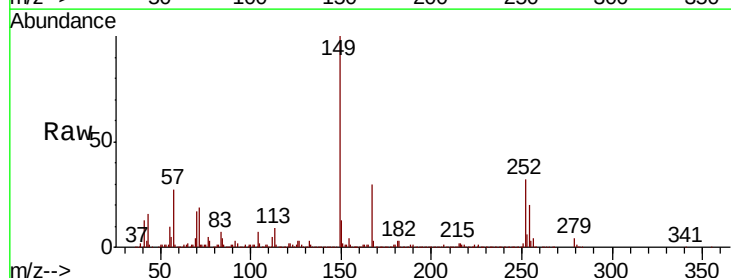
Tgt Ion:252 Resp: 262767

Ion Ratio Lower Upper

252 100

254 64.4 52.6 78.8

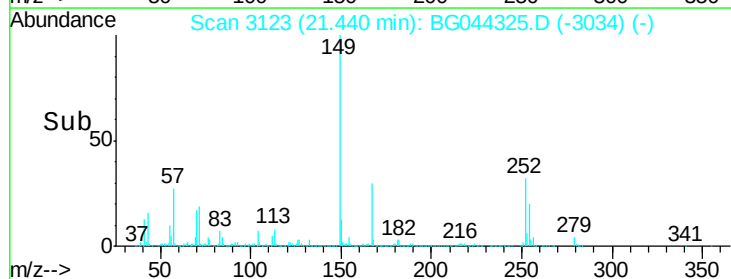
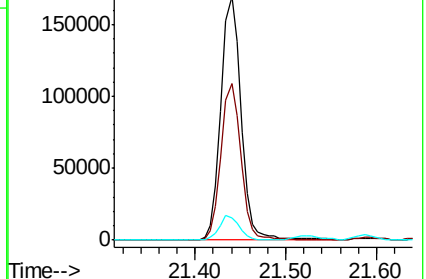
126 9.4 8.2 12.4

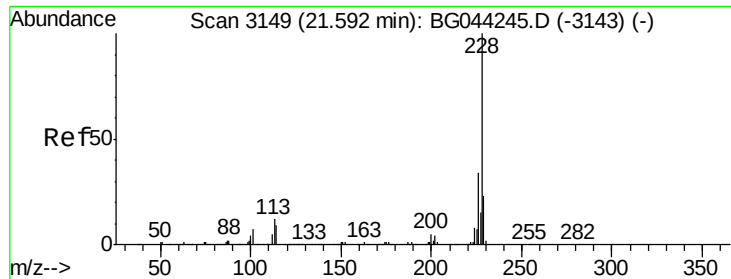


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 45.232 ng

RT: 21.59 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

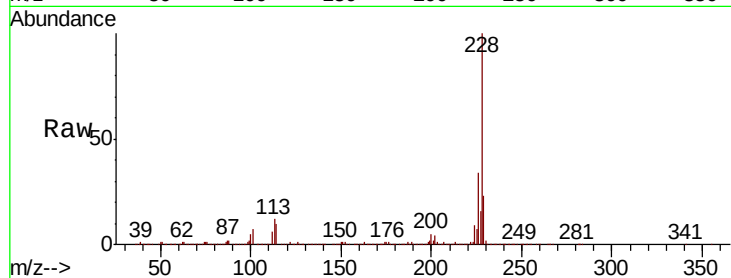
Tot Ion:228 Resp: 1320903

Ion Ratio Lower Upper

228 100

226 34.4 27.1 40.7

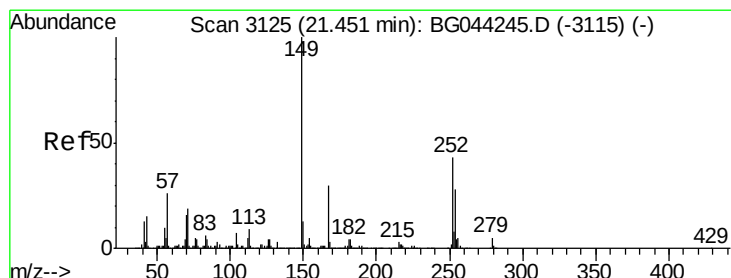
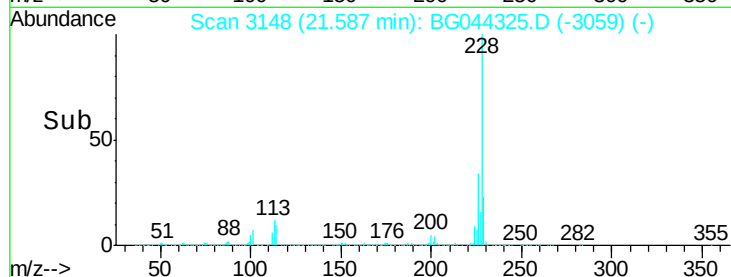
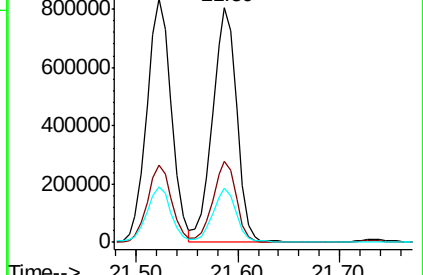
229 23.3 17.9 26.9



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: 40.435 ng

RT: 21.45 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

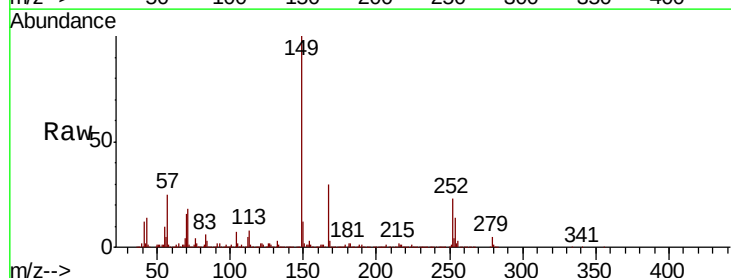
Tgt Ion:149 Resp: 798453

Ion Ratio Lower Upper

149 100

167 30.2 24.0 36.0

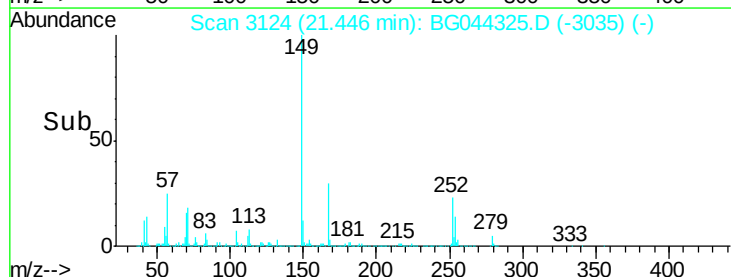
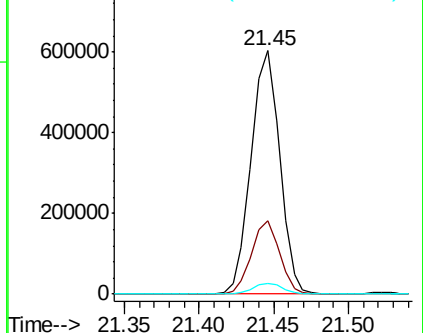
279 4.6 3.8 5.8

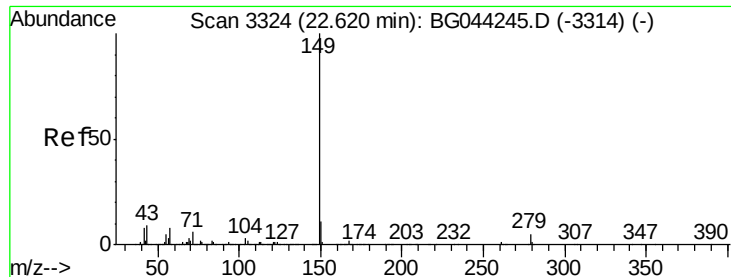


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

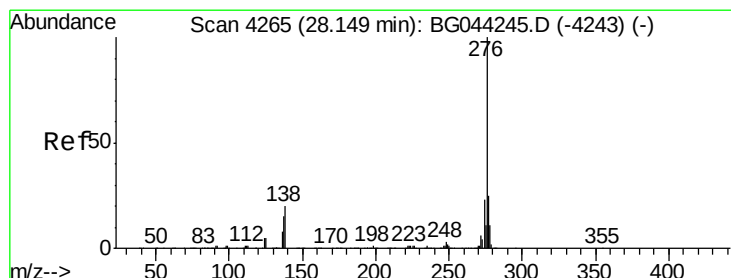
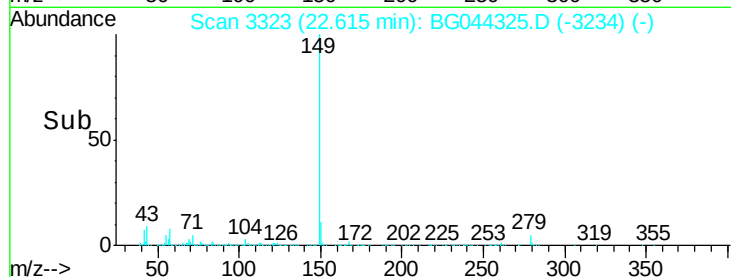
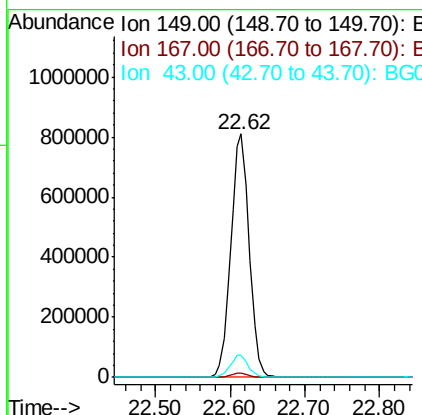
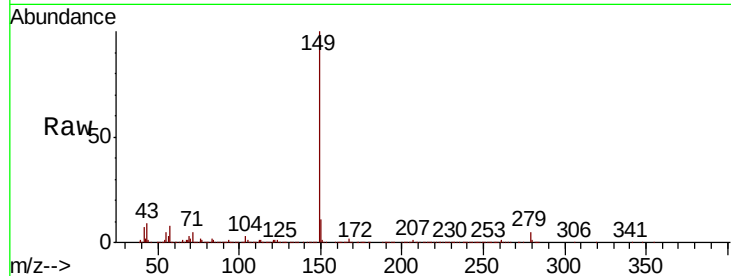




#85
Di-n-octyl phthalate
Concen: 40.616 ng
RT: 22.62 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

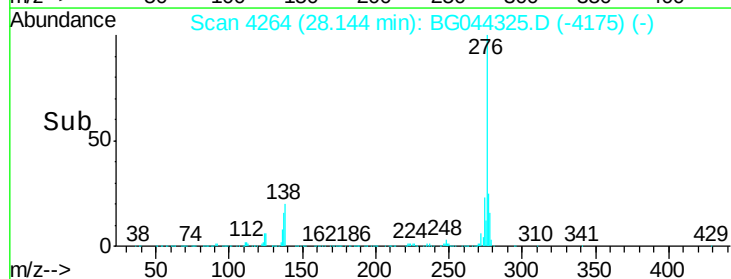
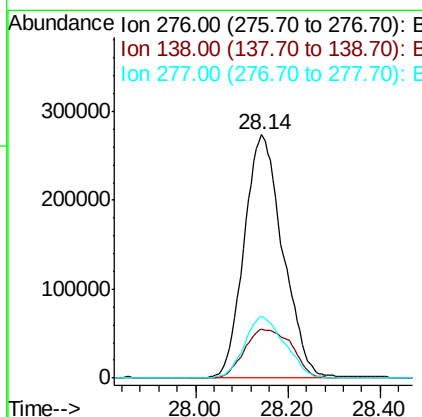
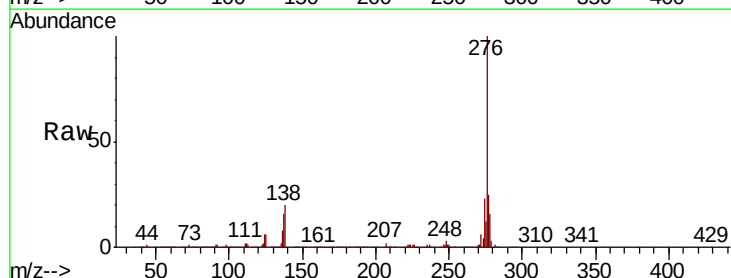
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

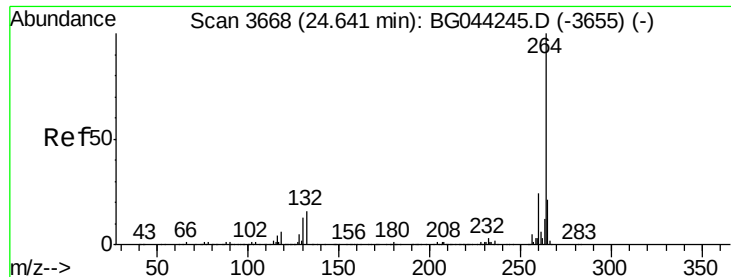
Tot Ion:149 Resp: 1387717
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.9 7.4 11.0



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.694 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:276 Resp: 1588509
Ion Ratio Lower Upper
276 100
138 24.4 19.4 29.0
277 26.1 21.0 31.6





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.64 min Scan# 3667

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

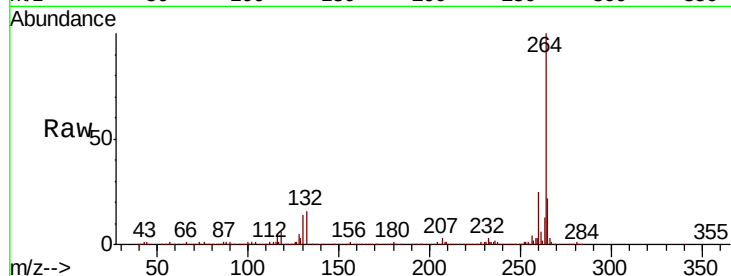
BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion:264 Resp: 566407

Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.4	29.2
265	22.0	16.7	25.1

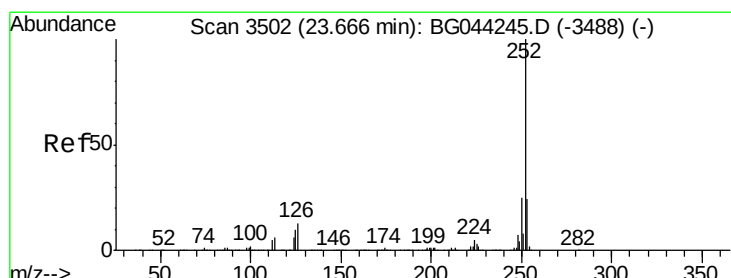
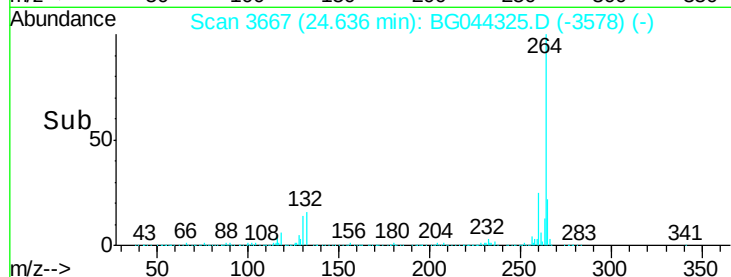
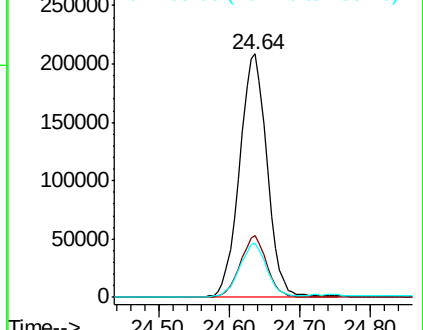


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.561 ng

RT: 23.66 min Scan# 3501

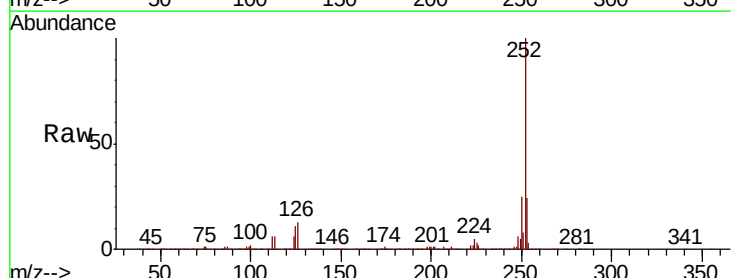
Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Tgt Ion:252 Resp: 1454390

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.2	28.8
125	10.7	8.4	12.6

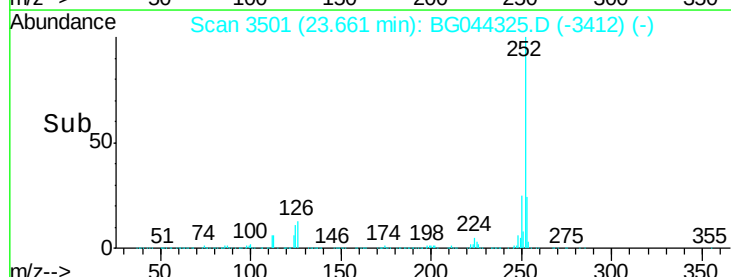
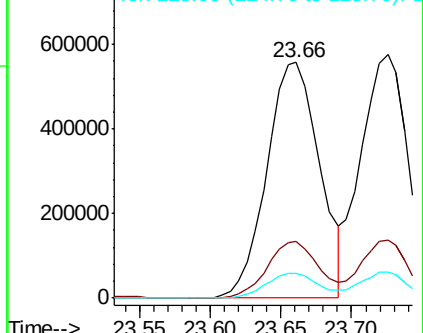


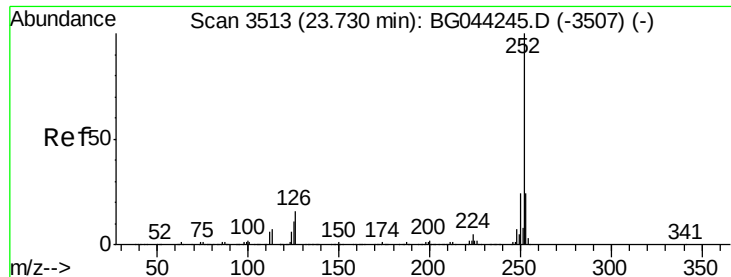
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 42.682 ng

RT: 23.73 min Scan# 3512

Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Instrument :

BNA_G

ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

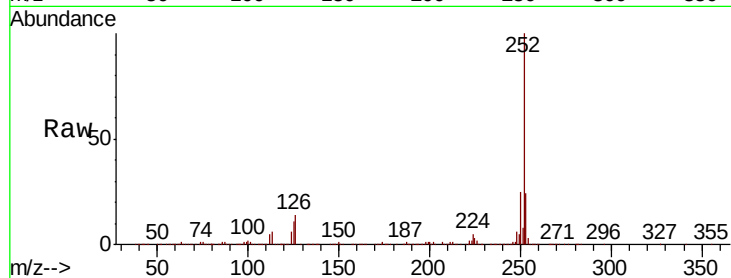
Tot Ion:252 Resp: 1357732

Ion Ratio Lower Upper

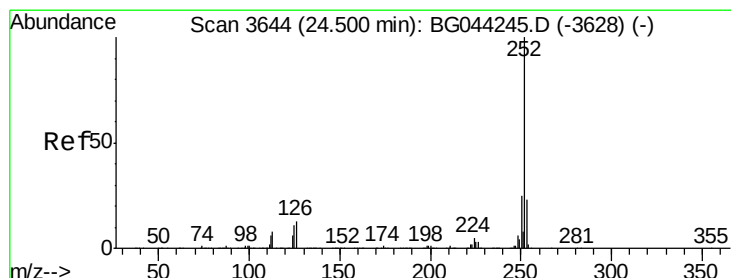
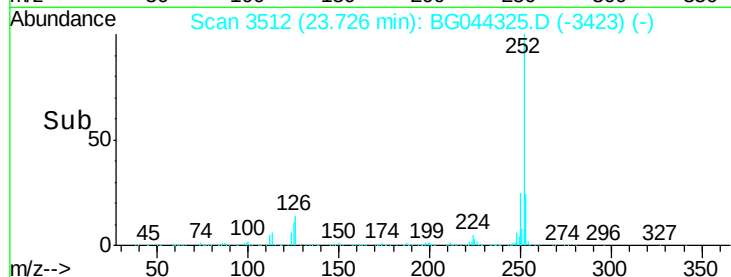
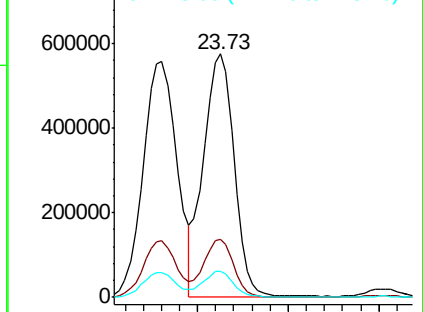
252 100

253 23.9 19.1 28.7

125 10.7 8.6 12.8



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



#90

Benzo(a)pyrene

Concen: 43.670 ng

RT: 24.49 min Scan# 3642

Delta R.T. -0.01 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

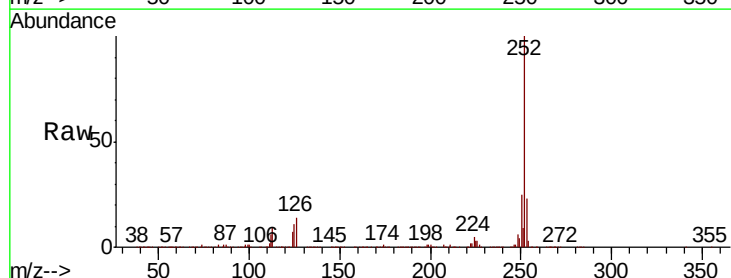
Tgt Ion:252 Resp: 1347615

Ion Ratio Lower Upper

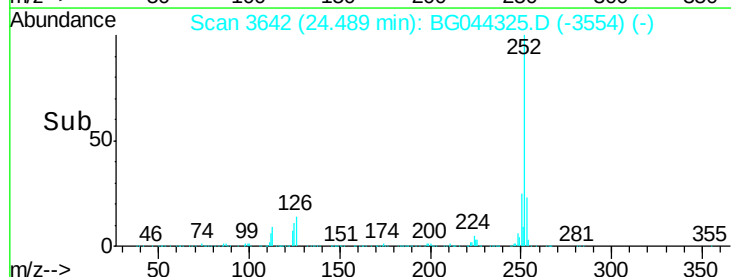
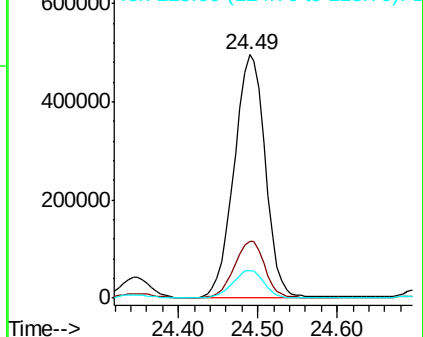
252 100

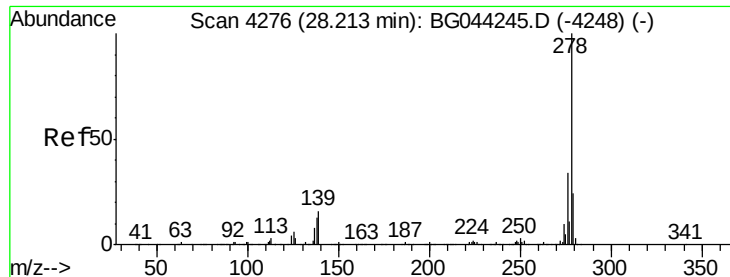
253 23.3 18.1 27.1

125 11.3 8.6 13.0



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



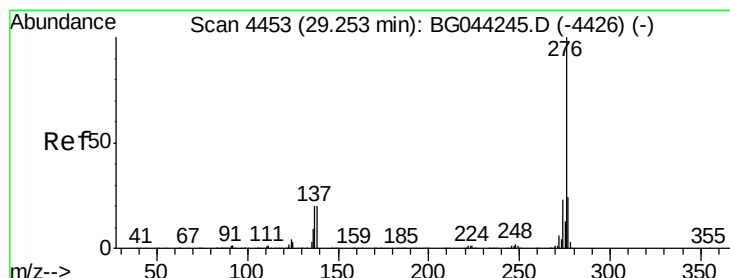
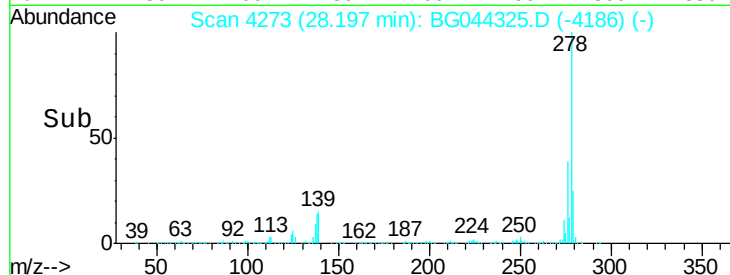
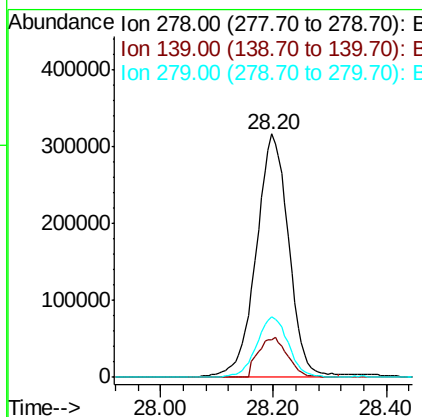
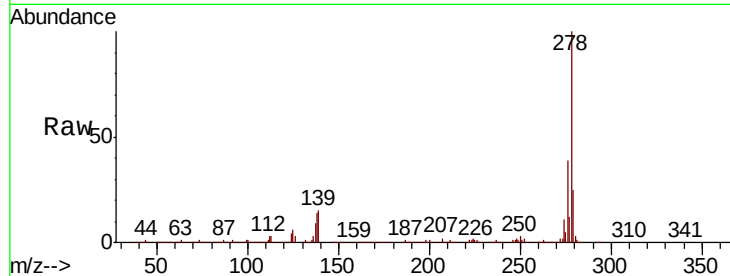


#91
Dibenzo(a,h)anthracene
Concen: 41.068 ng
RT: 28.20 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion:278 Resp: 1254243

Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.7	19.1
279	25.1	19.3	28.9



#92
Benzo(g,h,i)perylene
Concen: 44.090 ng
RT: 29.24 min Scan# 4450
Delta R.T. -0.02 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion:276 Resp: 1347976

Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.8	28.2
138	21.6	16.2	24.2

