

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

Manual Integrations
 APPROVED

mohammad
 2/10/2020 8:16:57 AM

Quant Time: Feb 06 22:15:59 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	98011m	44.175	ng	
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

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

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

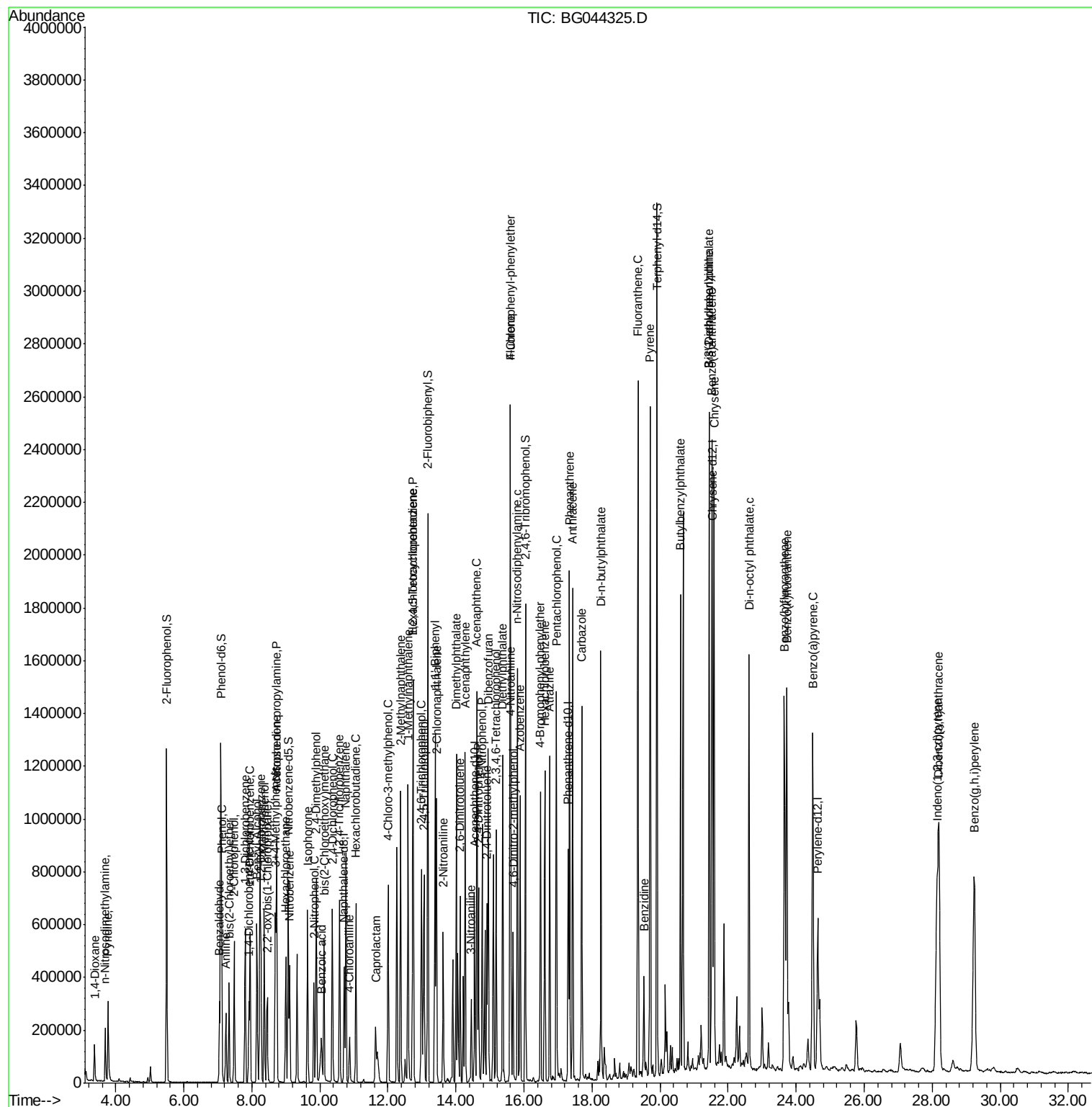
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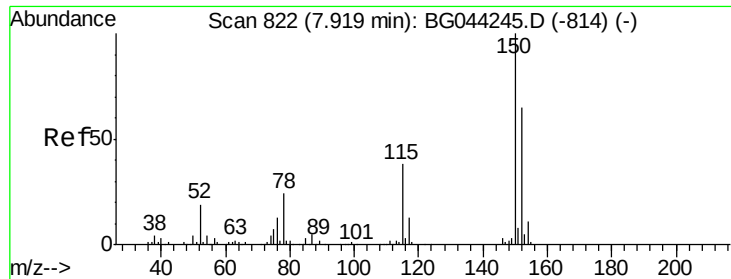
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

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#1

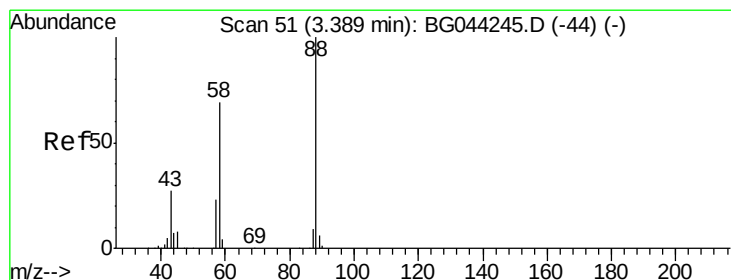
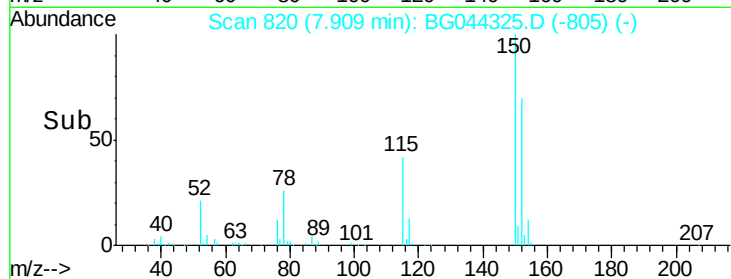
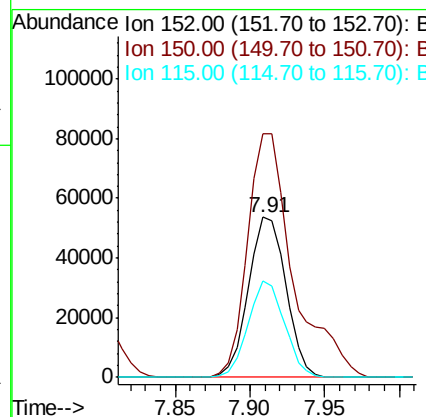
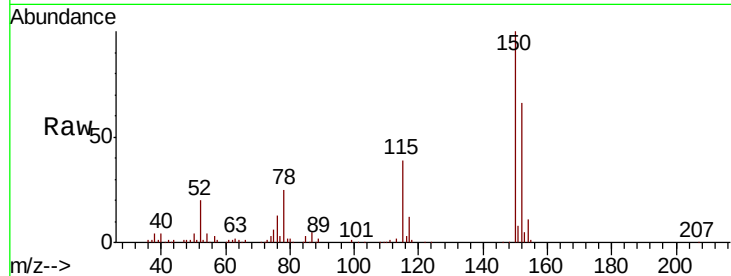
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

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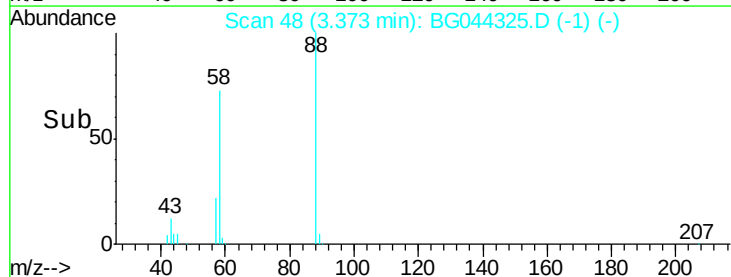
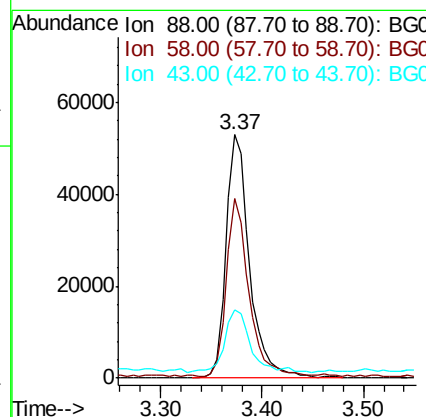
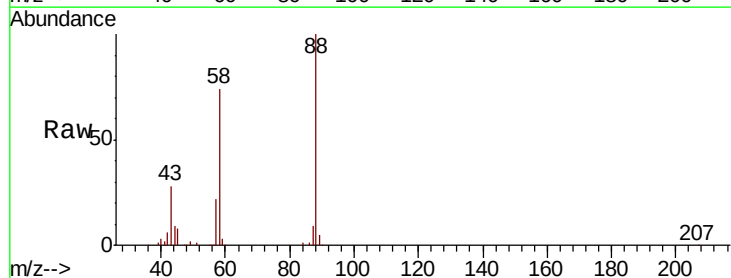
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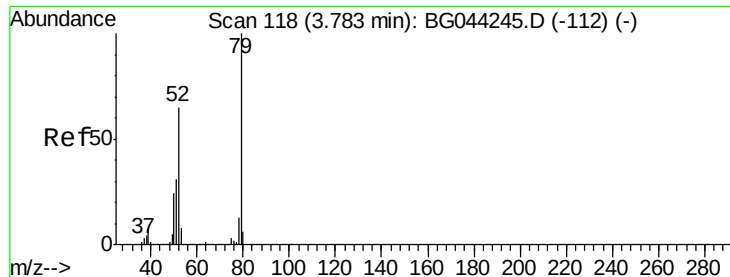


#2

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	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

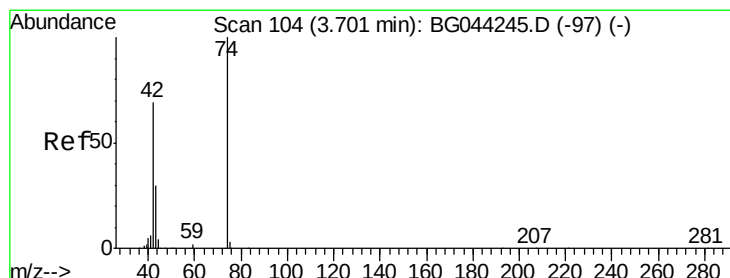
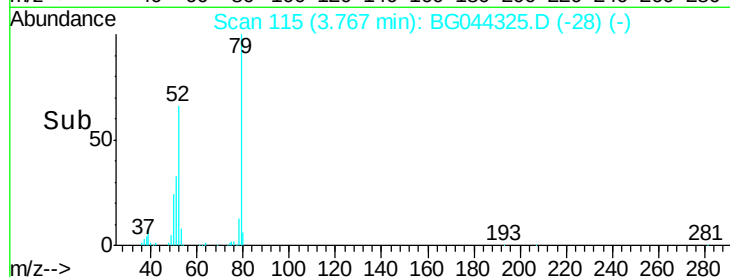
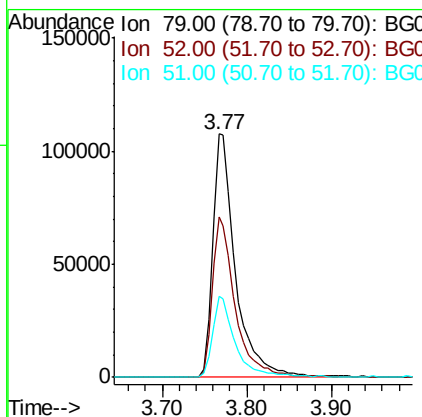
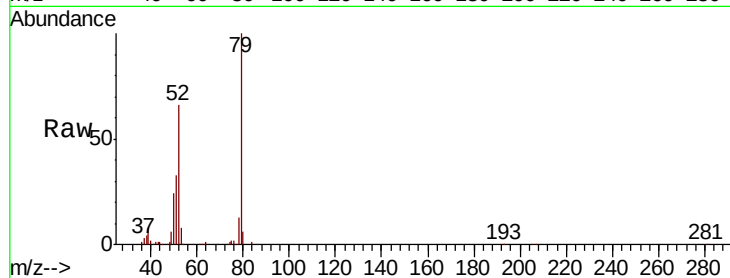
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		204297		
52	66.1	51.9	77.9		
51	33.1	25.3	37.9		

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#4

n-Nitrosodimethylamine

Concen: 38.868 ng

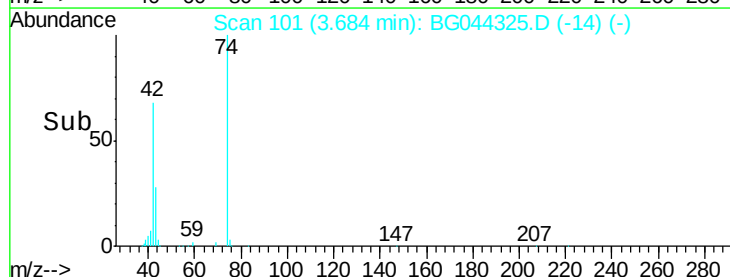
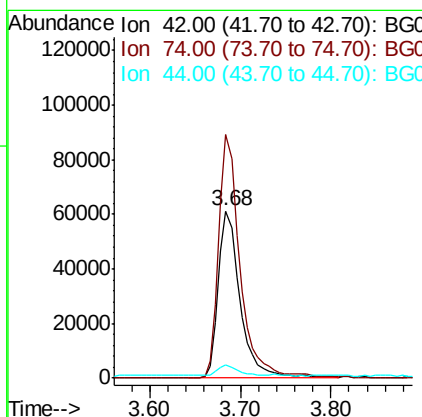
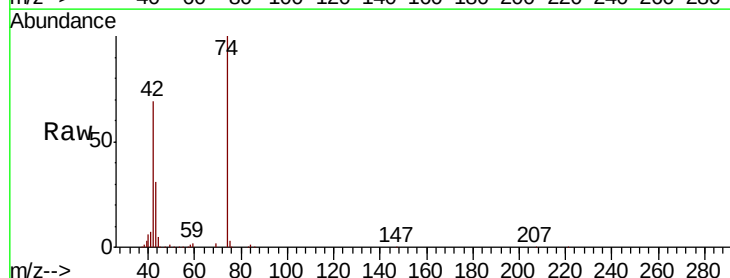
RT: 3.68 min Scan# 101

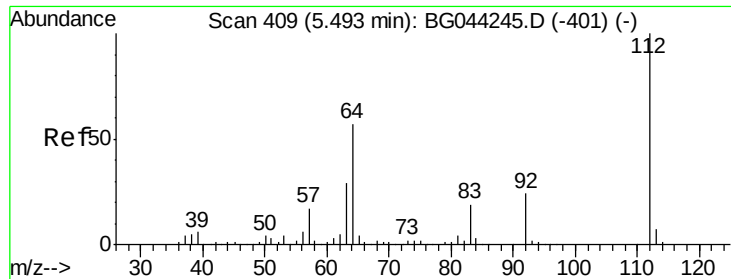
Delta R.T. -0.02 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		103039		
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

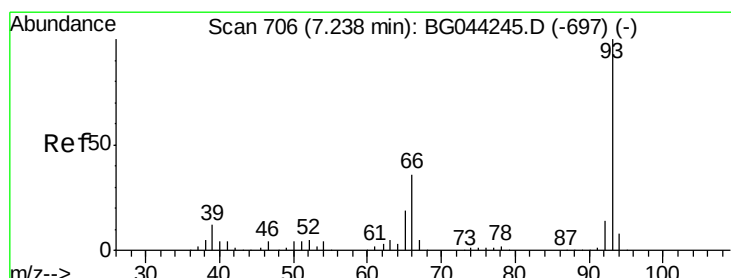
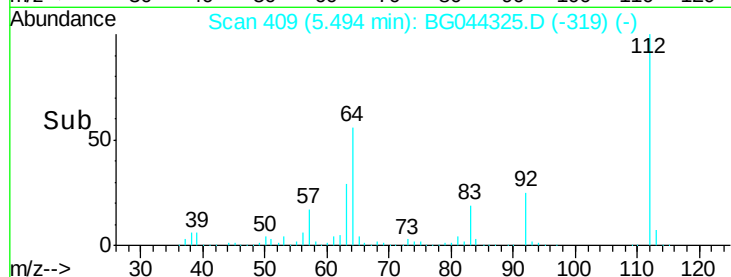
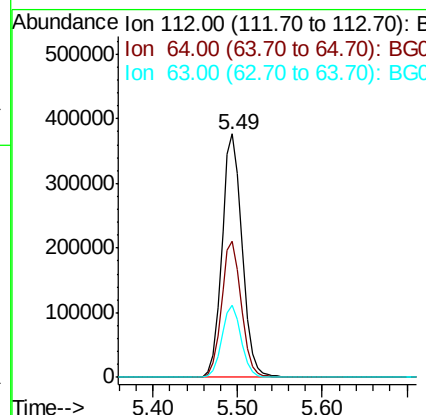
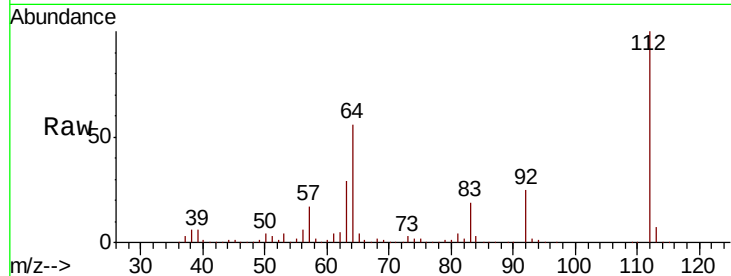
ClientSampleId :

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

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#6

Aniline

Concen: 21.221 ng

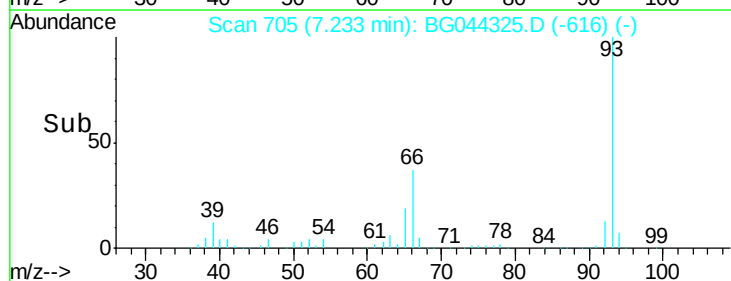
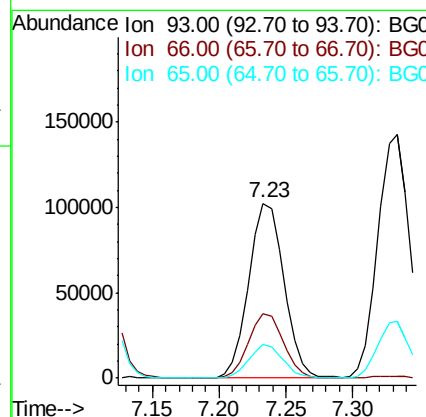
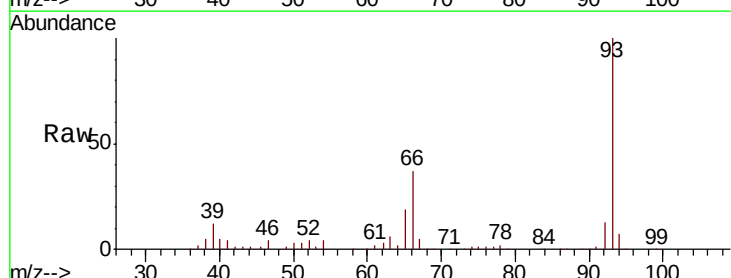
RT: 7.23 min Scan# 705

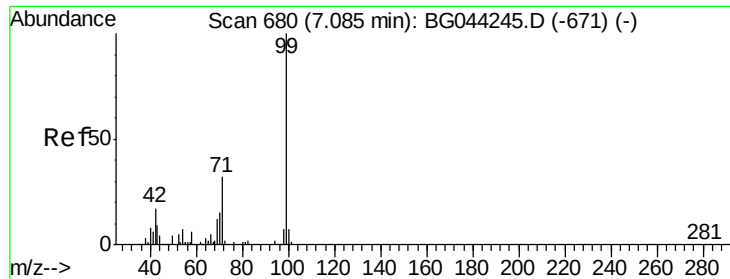
Delta R.T. -0.00 min

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





#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 :

BNA_G

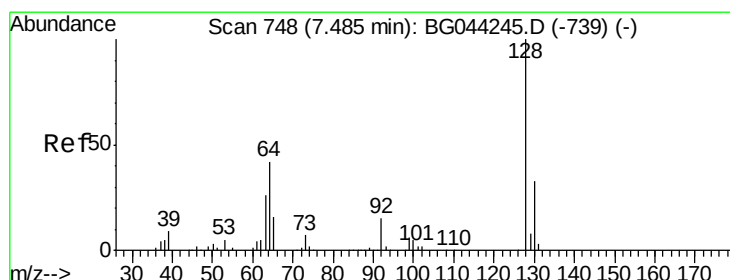
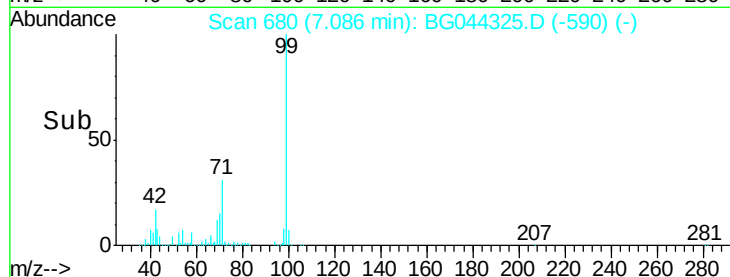
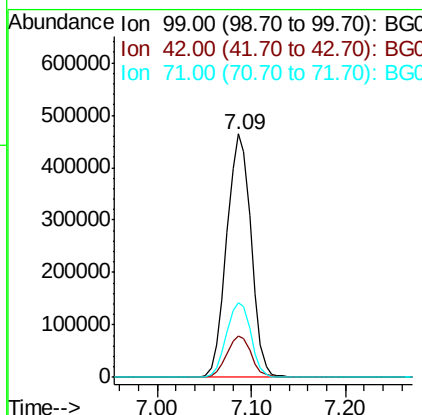
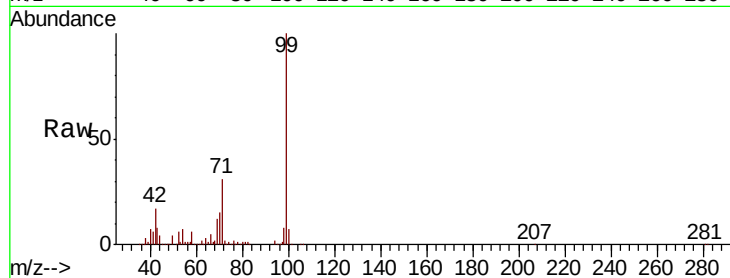
ClientSampleId :

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

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#8

2-Chlorophenol

Concen: 45.658 ng

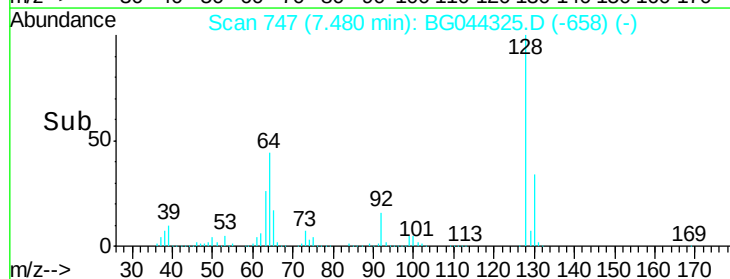
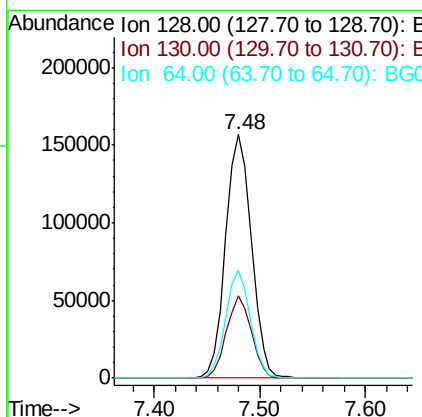
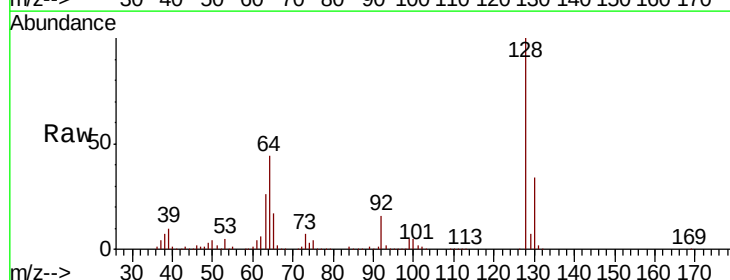
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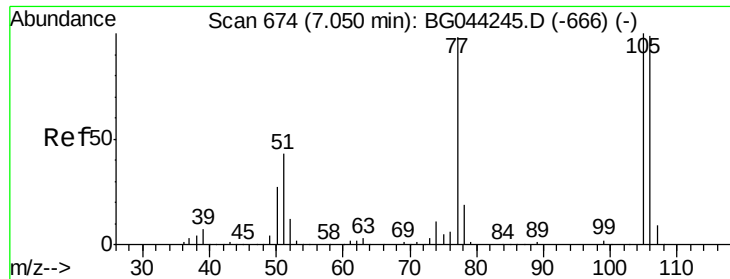
Delta R.T. -0.00 min

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





#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

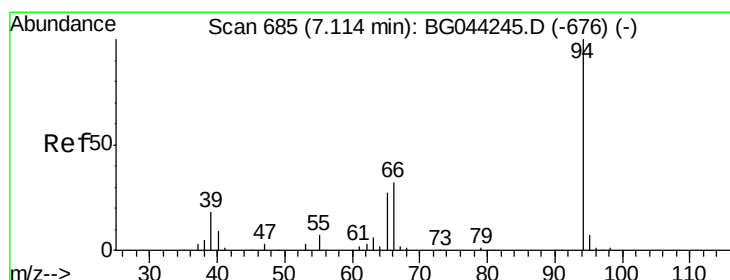
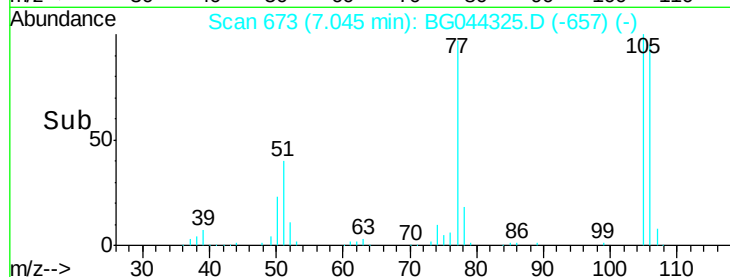
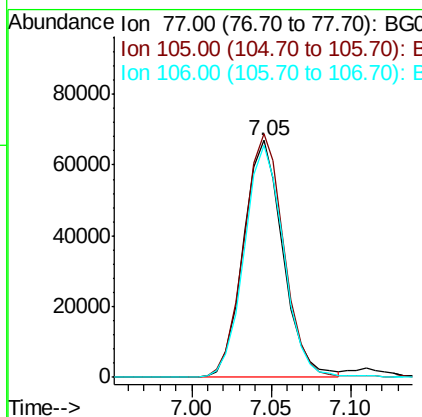
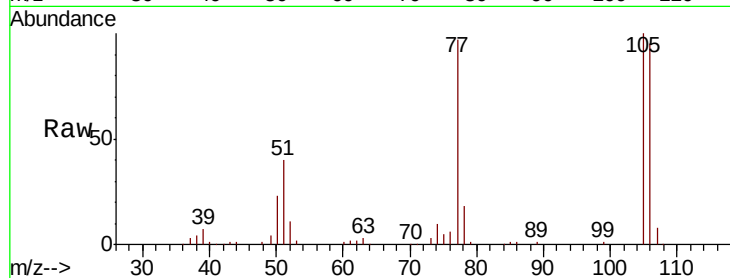
ClientSampleId :

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

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#10

Phenol

Concen: 46.669 ng

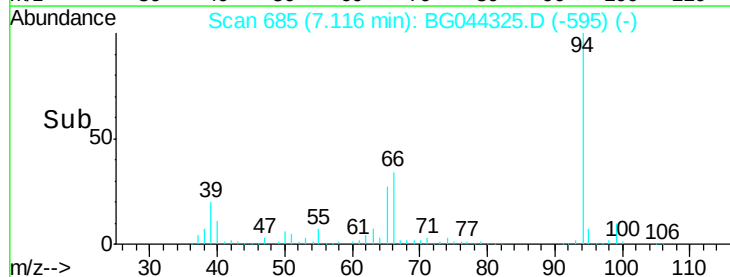
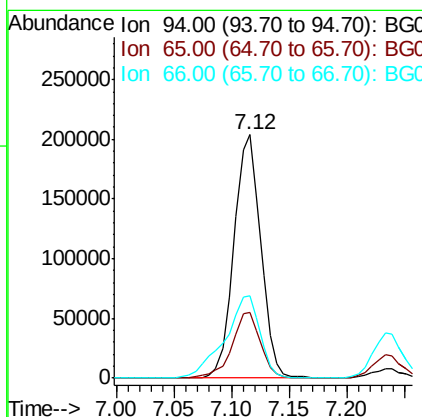
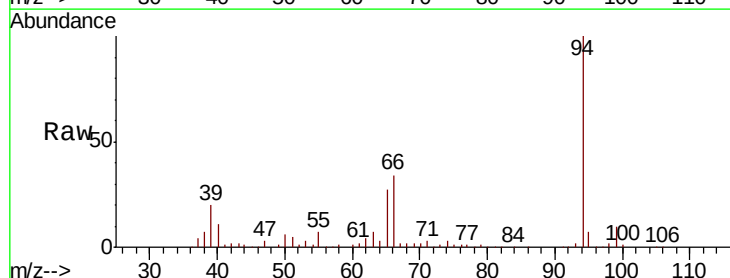
RT: 7.12 min Scan# 685

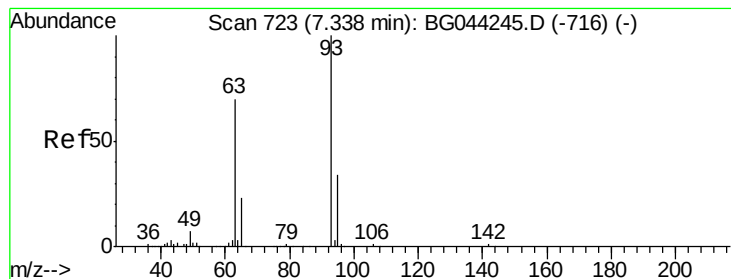
Delta R.T. 0.00 min

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





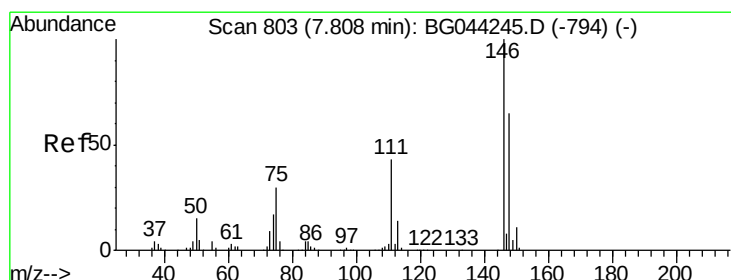
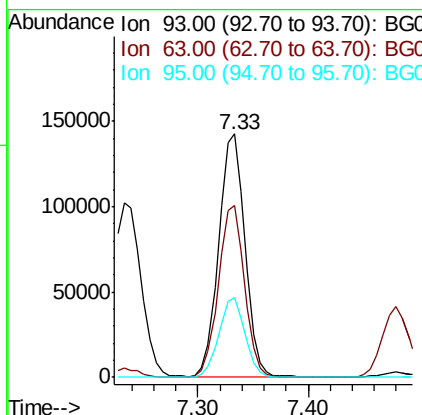
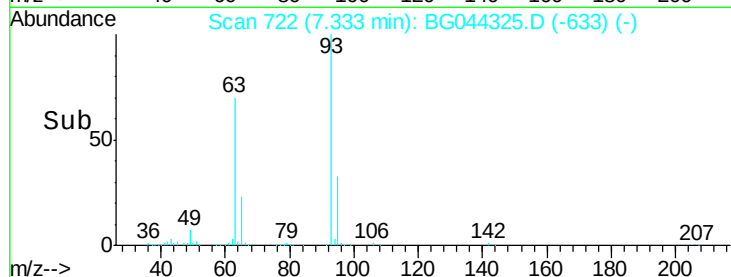
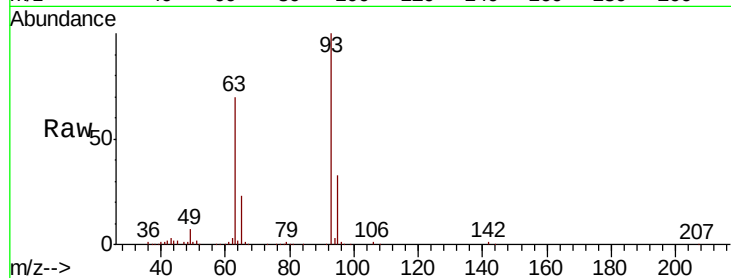
#11
bis(2-Chloroethyl)ether
Concen: 39.432 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

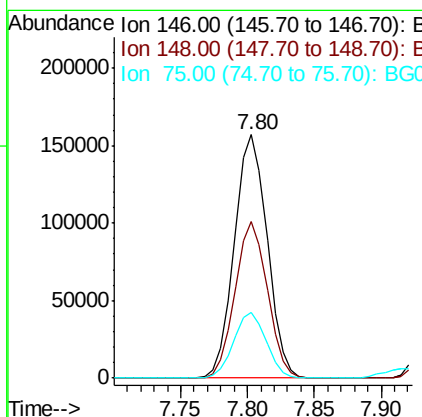
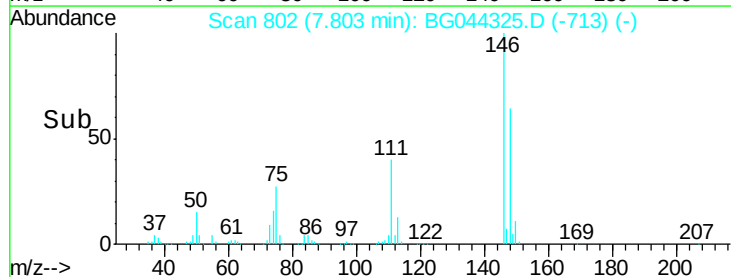
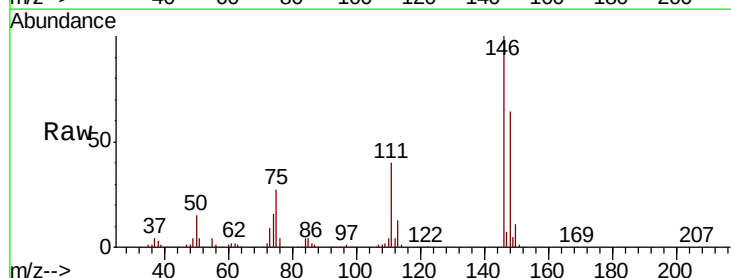
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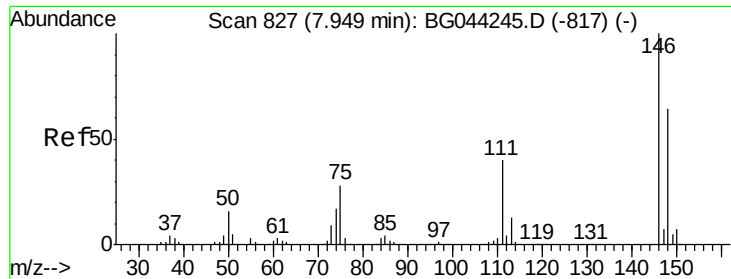
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.615 ng
RT: 7.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





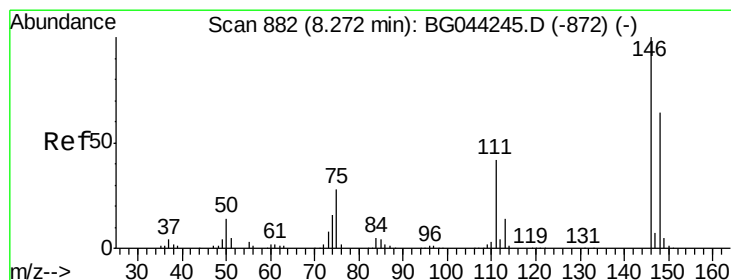
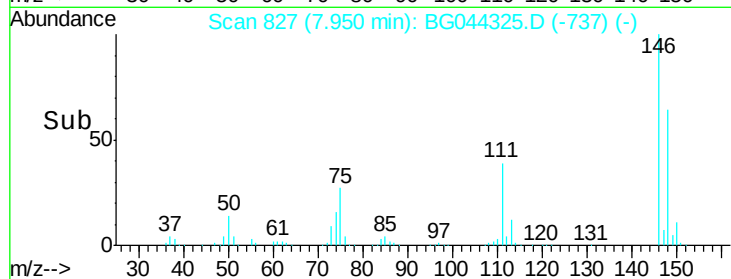
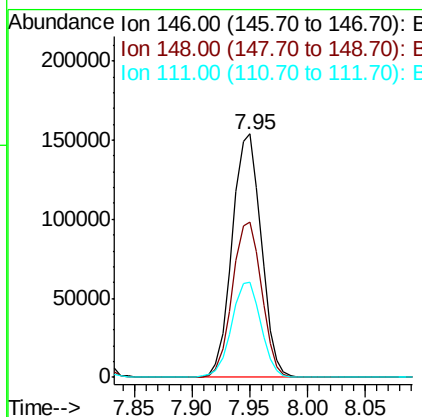
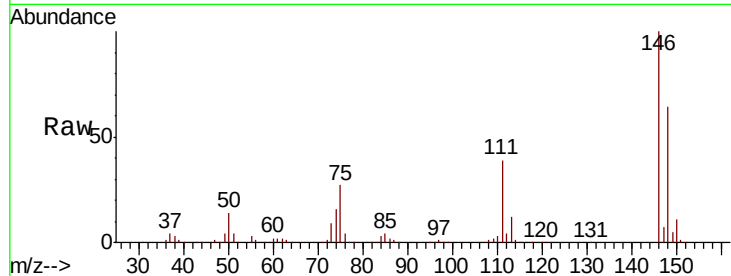
#13
 1,4-Dichlorobenzene
 Concen: 39.013 ng
 RT: 7.95 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

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

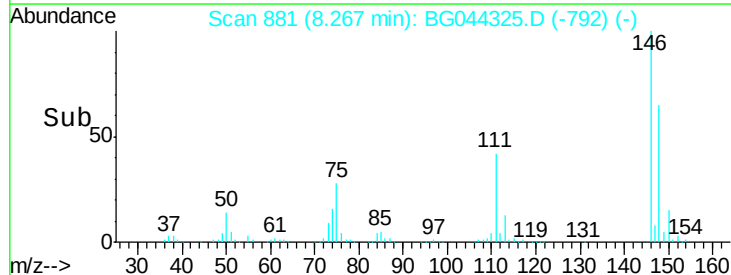
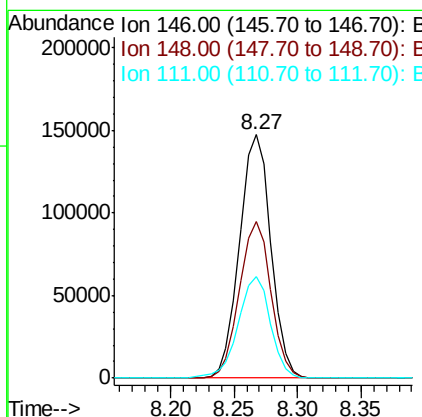
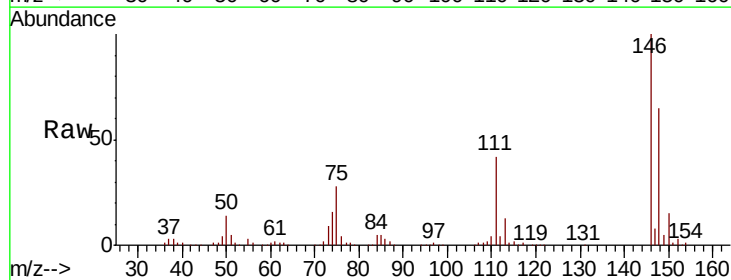
Manual Integrations
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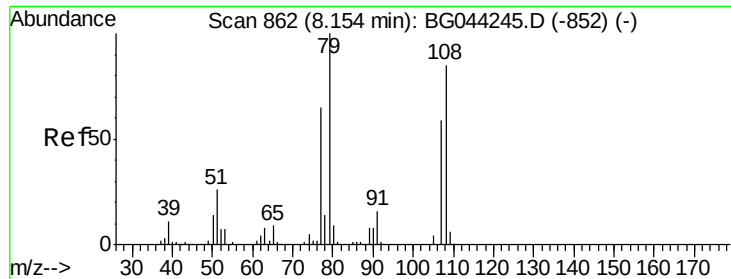
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 38.975 ng
 RT: 8.27 min Scan# 881
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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





#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

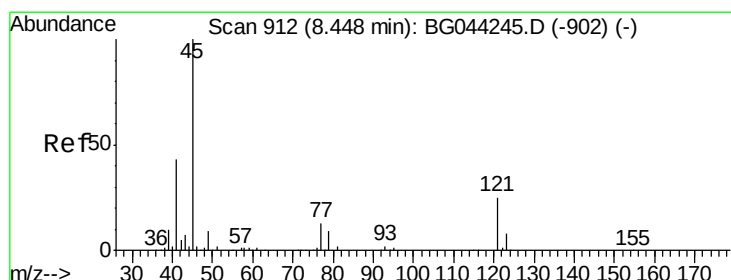
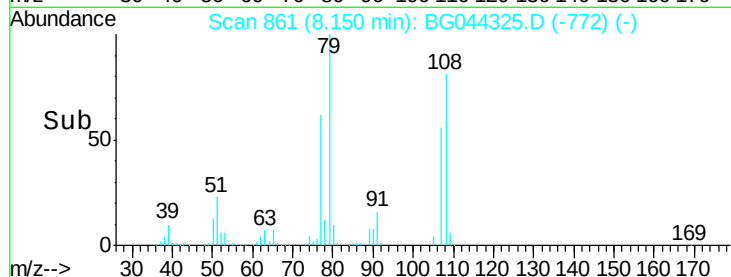
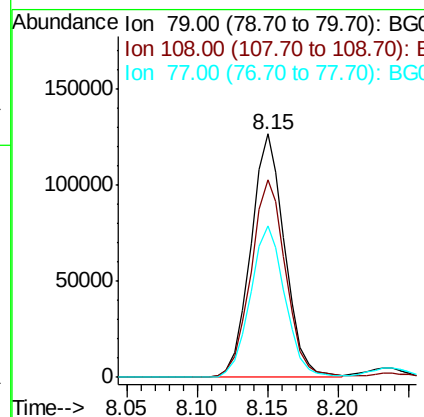
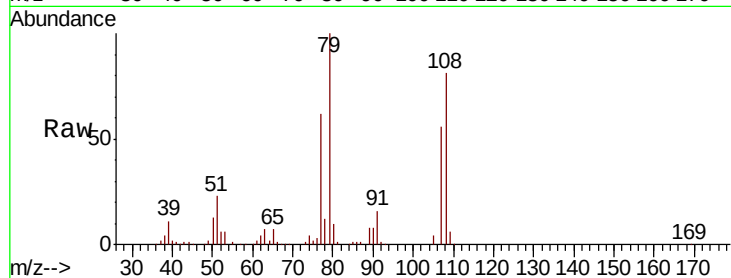
ClientSampleId :

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

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.060 ng

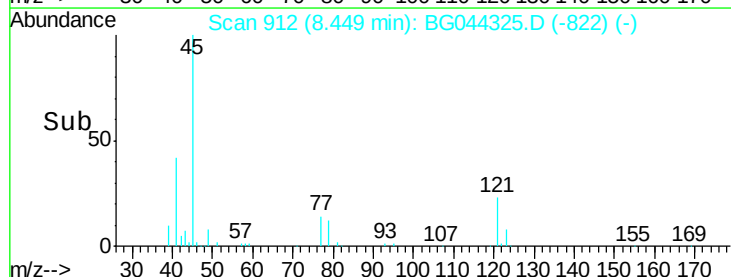
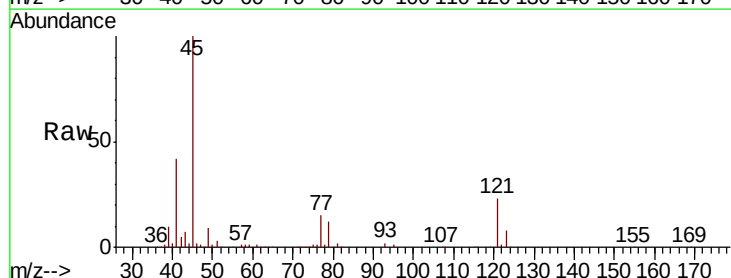
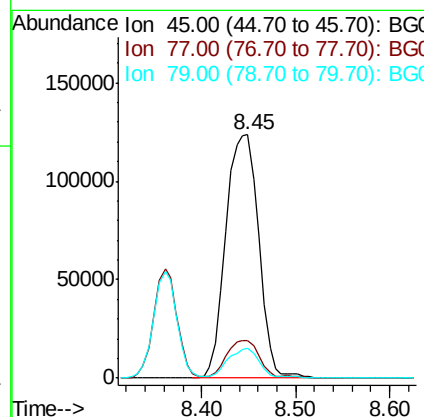
RT: 8.45 min Scan# 912

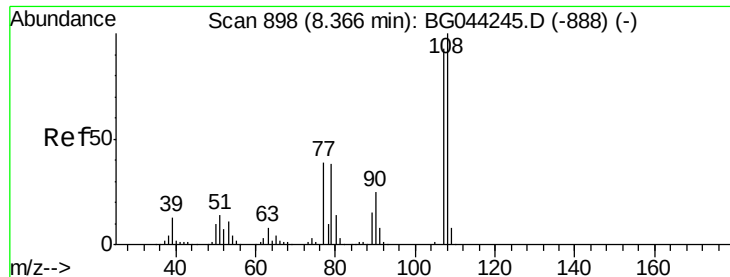
Delta R.T. 0.00 min

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





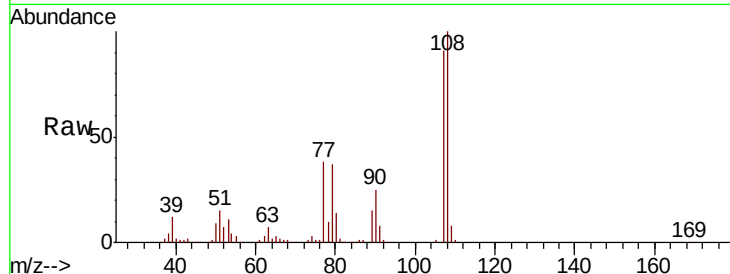
#17
2-Methylphenol
Concen: 44.933 ng
RT: 8.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Resp	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	

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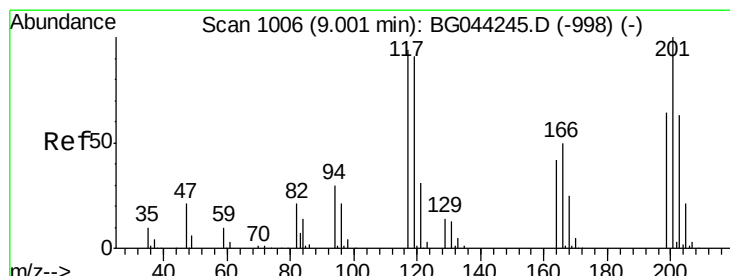
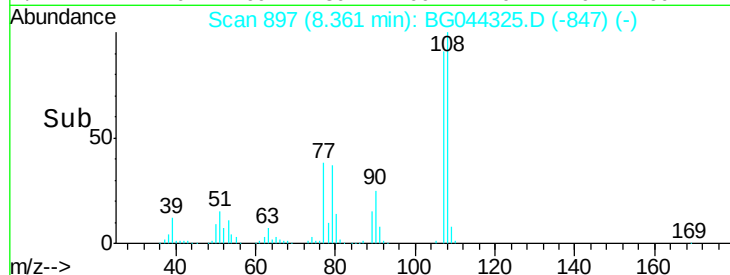
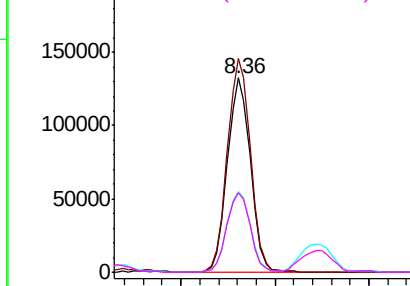
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

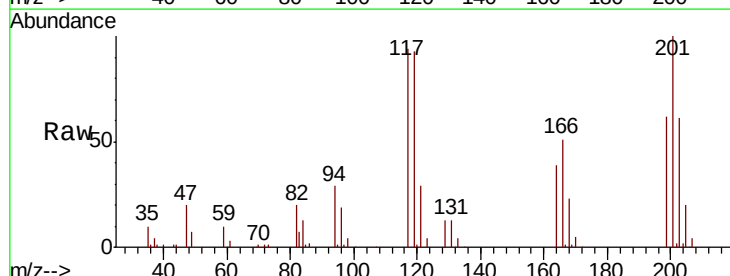
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 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	Ratio	Resp	Lower	Upper
117	100			
119	98.9	77.5	116.3	
201	106.9	84.9	127.3	

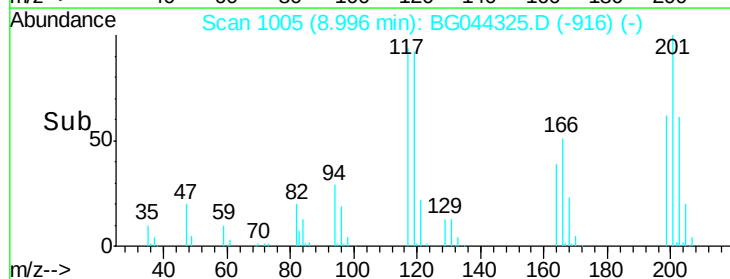
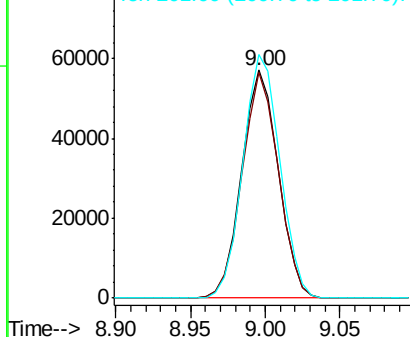


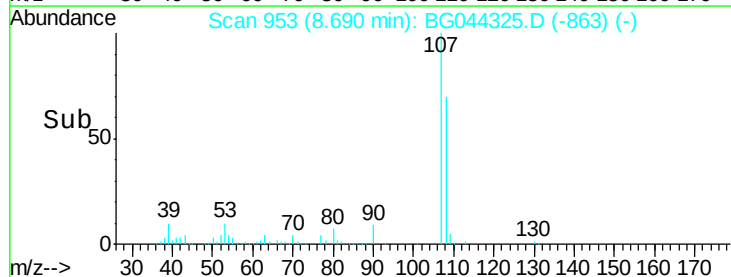
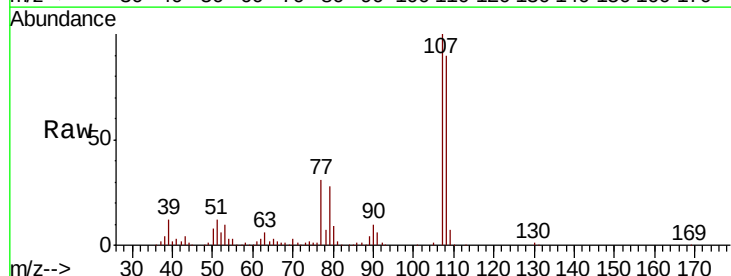
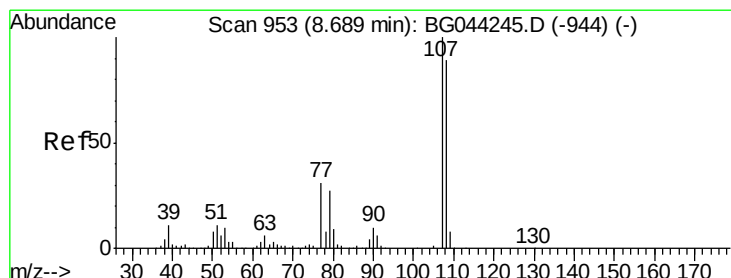
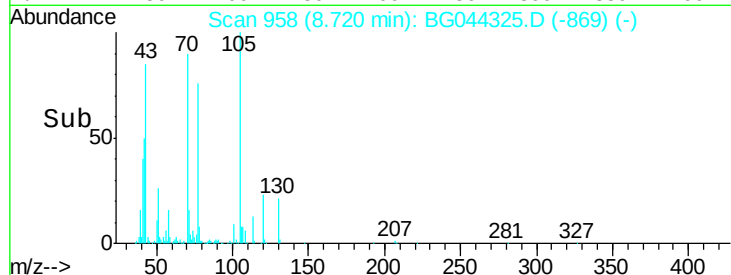
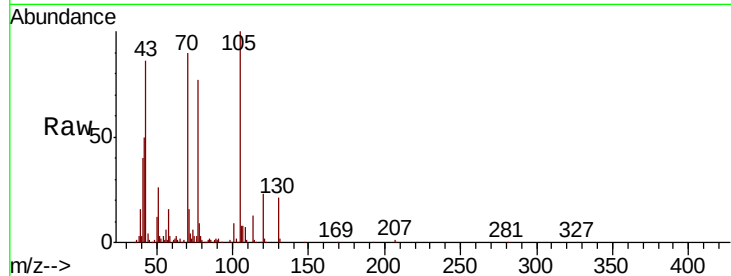
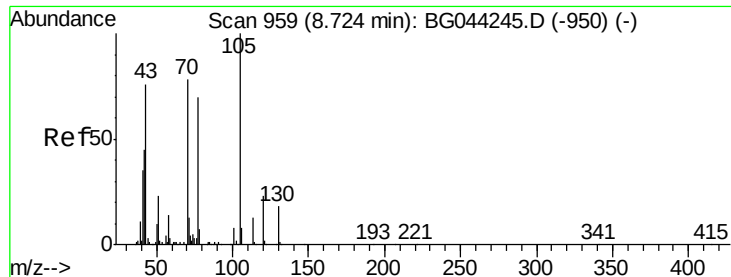
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

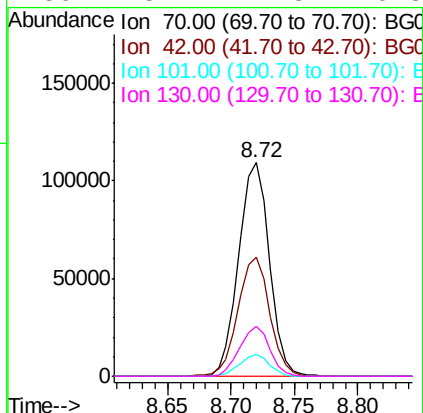
Ion 201.00 (200.70 to 201.70): E





#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

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



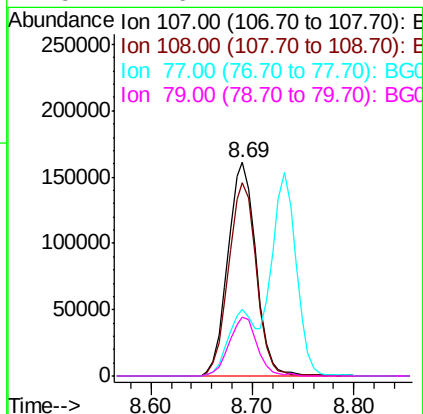
Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

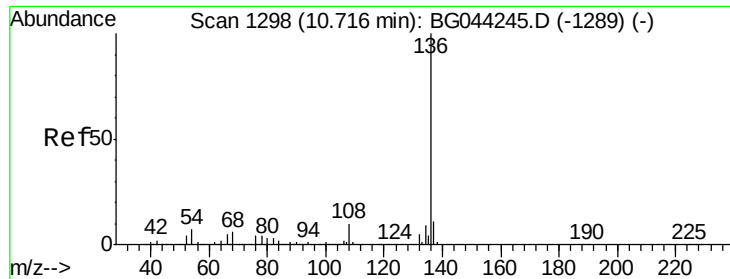
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#20
3+4-Methylphenols
Concen: 44.691 ng
RT: 8.69 min Scan# 953
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





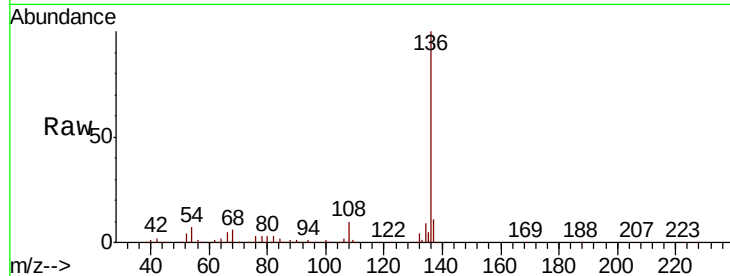
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.71 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

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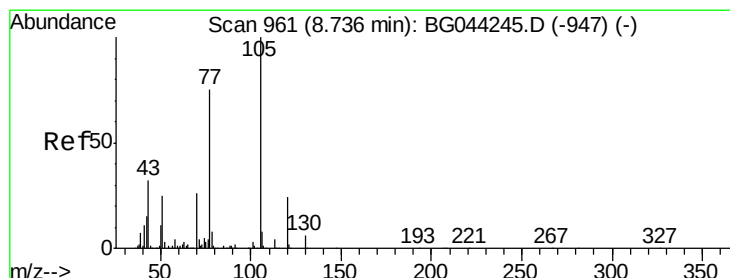
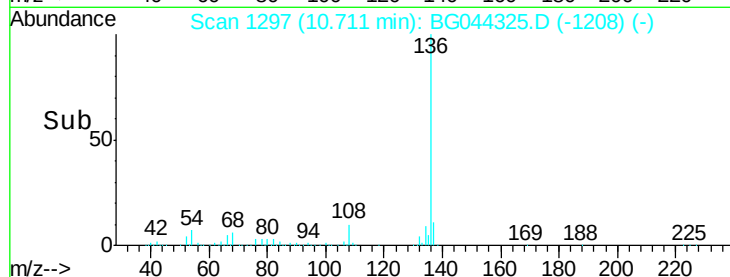
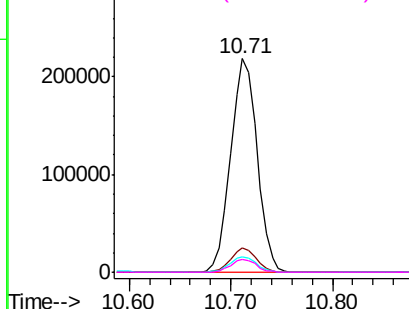
Abundance

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

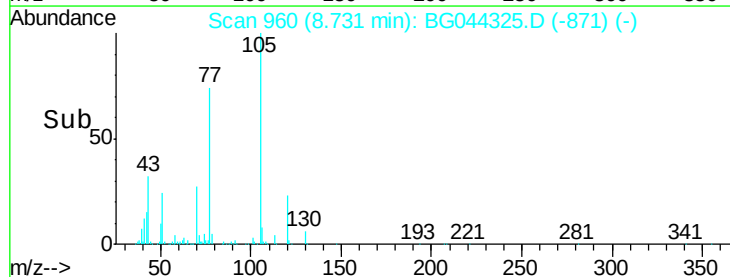
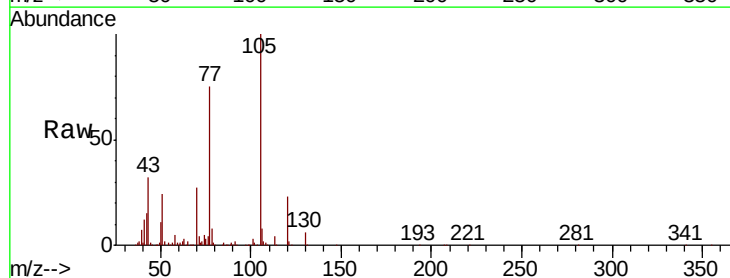
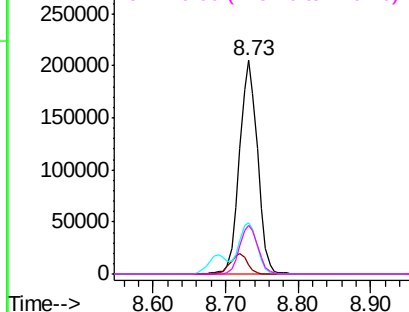
Abundance

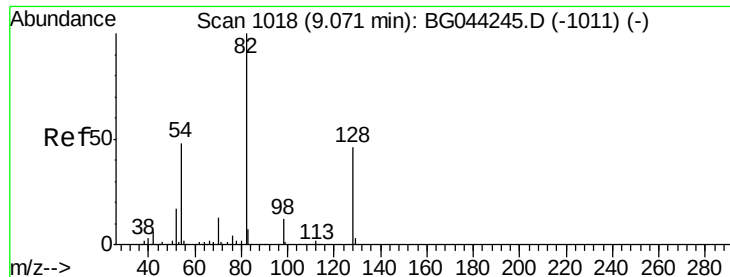
Ion 105.00 (104.70 to 105.70): E

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





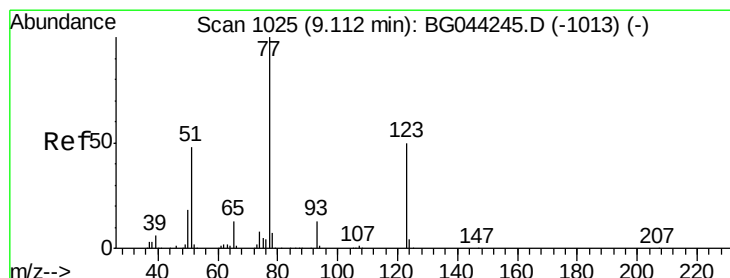
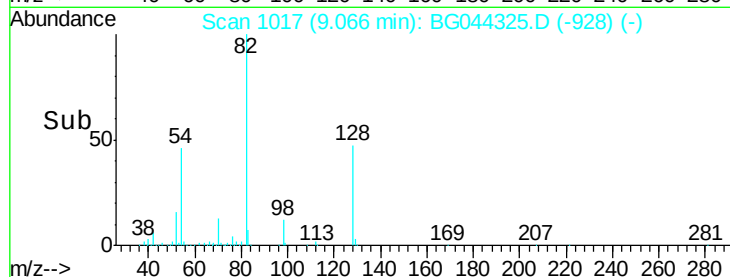
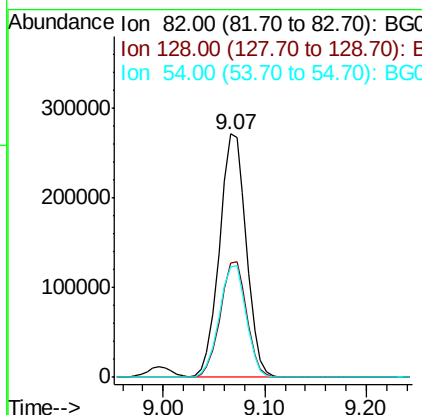
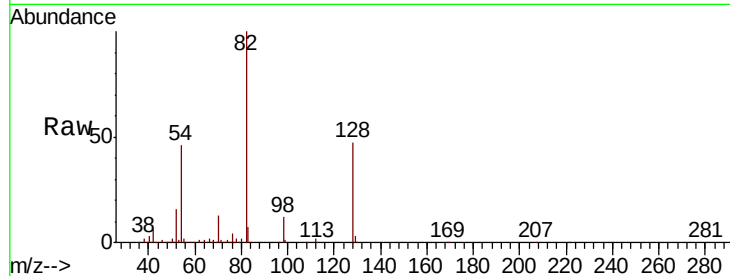
#23
Nitrobenzene-d5
Concen: 70.800 ng
RT: 9.07 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

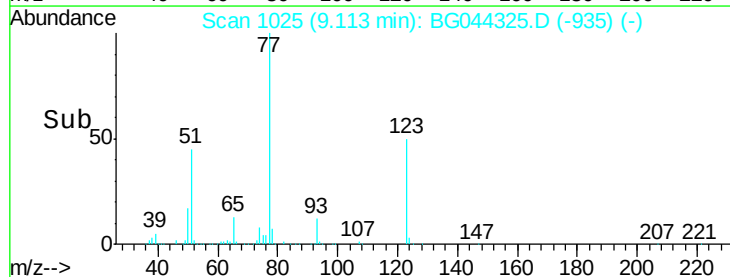
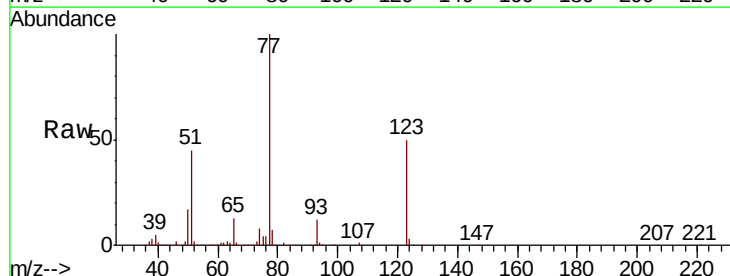
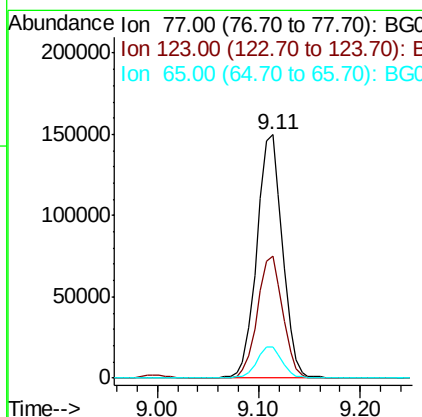
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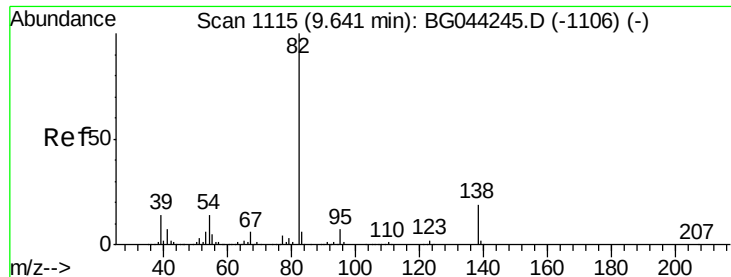
mohammad
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#24
Nitrobenzene
Concen: 38.498 ng
RT: 9.11 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





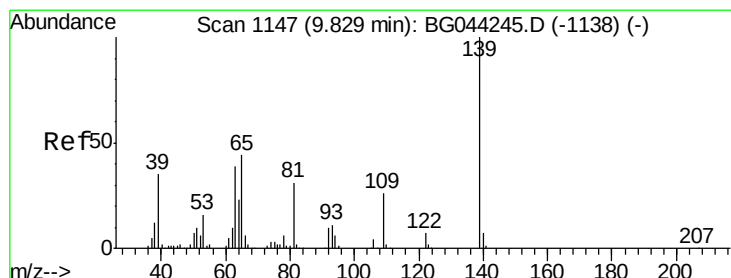
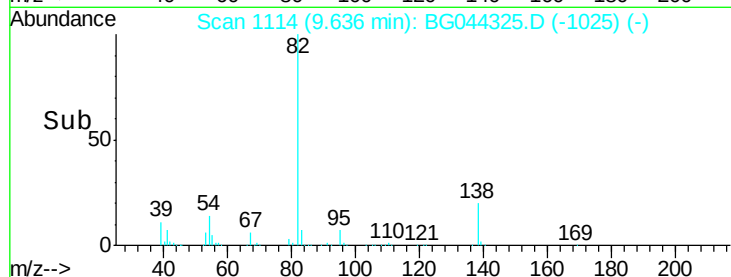
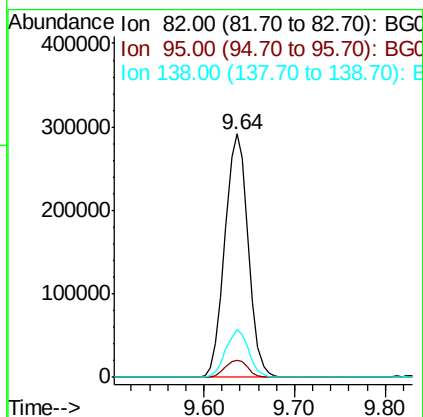
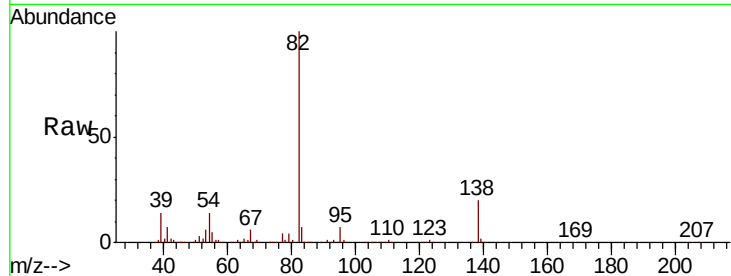
#25
Isophorone
Concen: 39.745 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

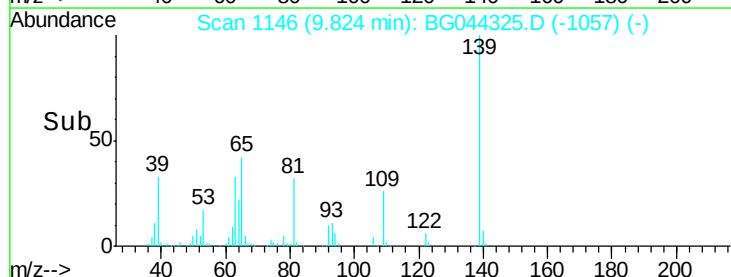
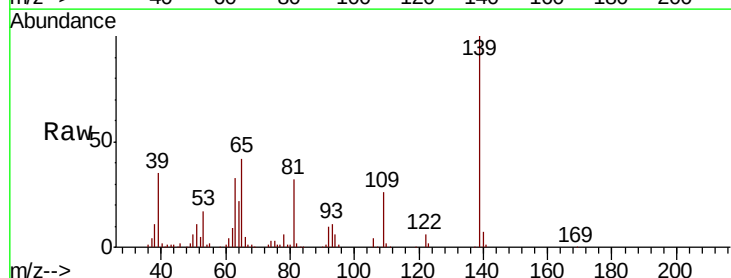
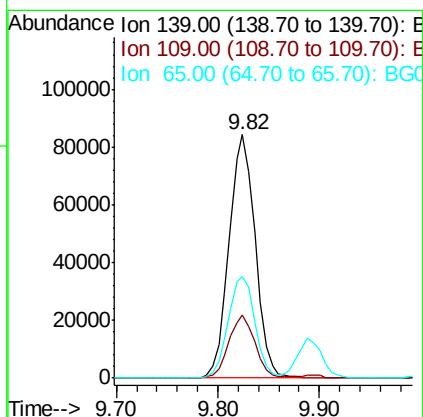
Manual Integrations
APPROVED

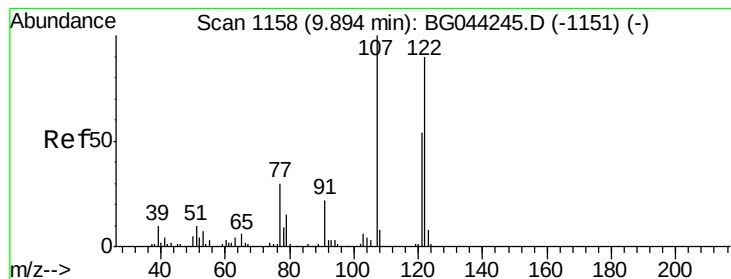
mohammad
2/10/2020 8:16:57 AM



#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	Ratio	Lower	Upper
139	100		
109	26.2	21.0	31.4
65	41.8	35.0	52.4





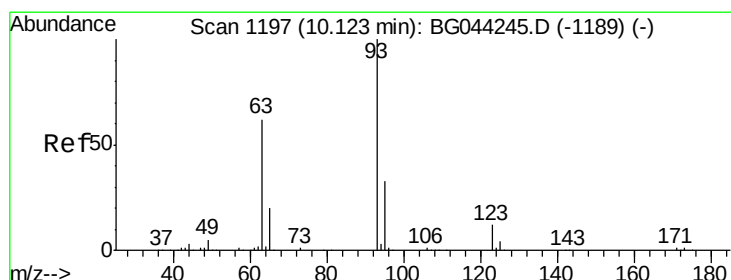
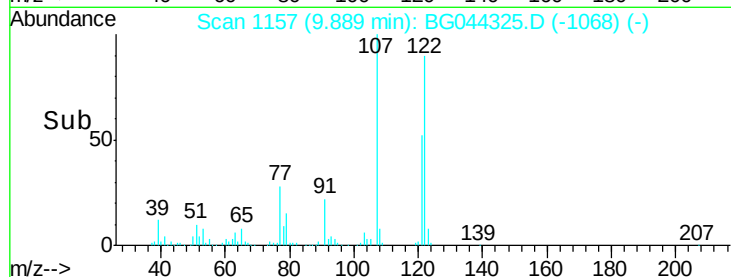
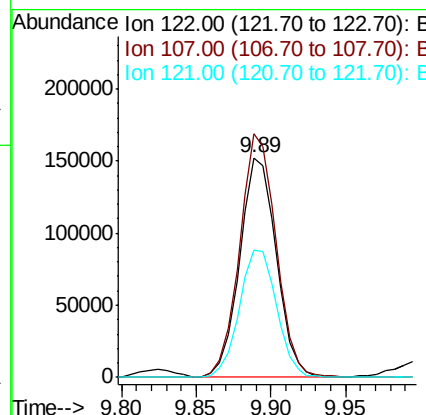
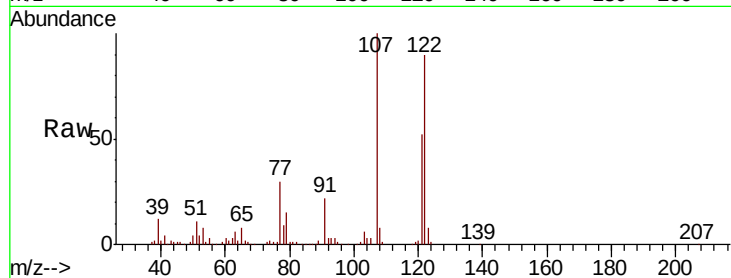
#27
2,4-Dimethylphenol
Concen: 51.443 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.7	88.8	133.2
121	57.9	48.3	72.5

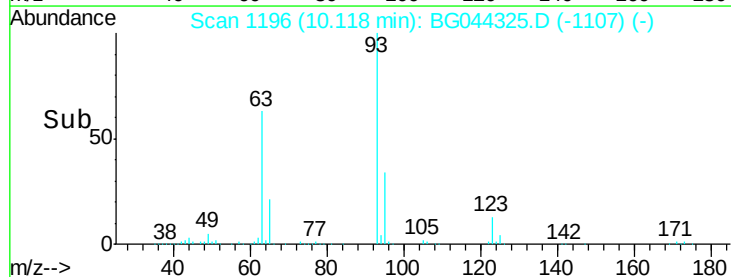
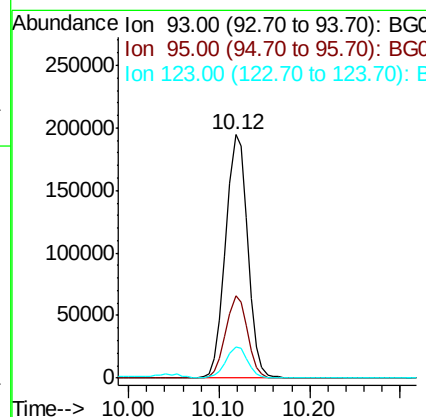
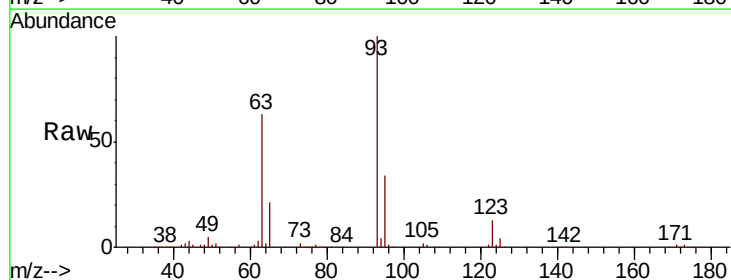
Manual Integrations
APPROVED

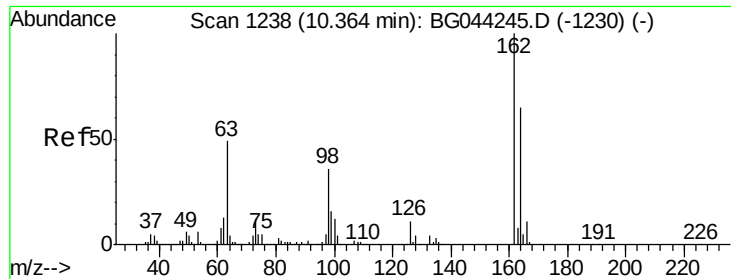
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.822 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	26.6	40.0
123	12.6	10.0	15.0





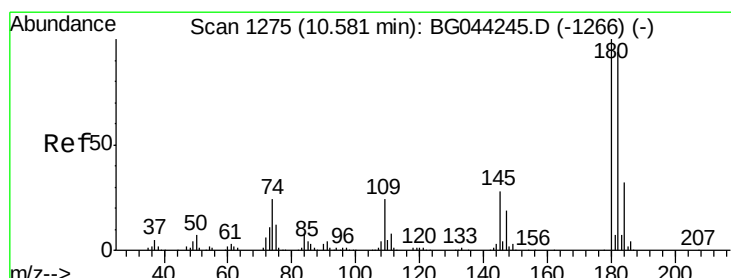
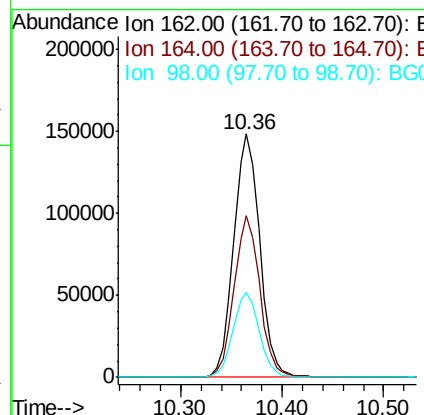
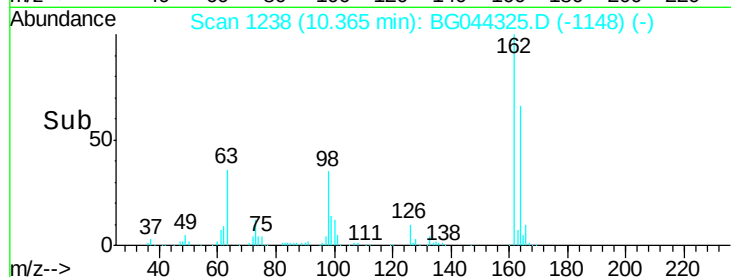
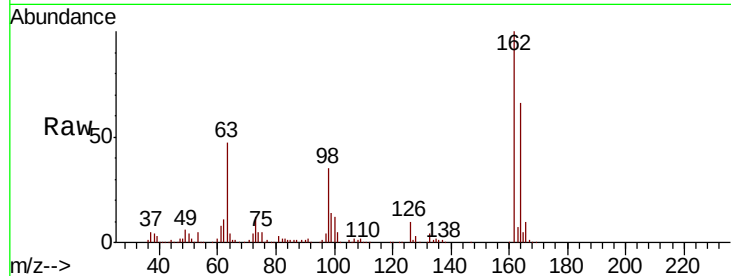
#29
2,4-Dichlorophenol
Concen: 43.831 ng
RT: 10.36 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Resp	Lower	Upper
162	100	265477		
164	66.5	44.7	84.7	
98	34.8	15.8	55.8	

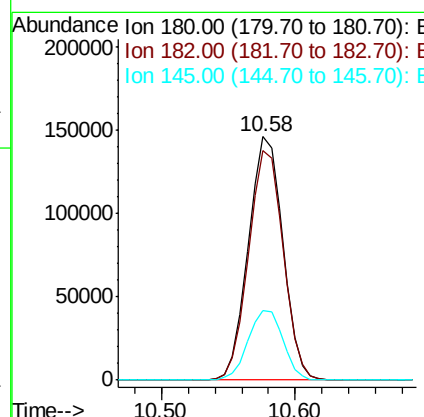
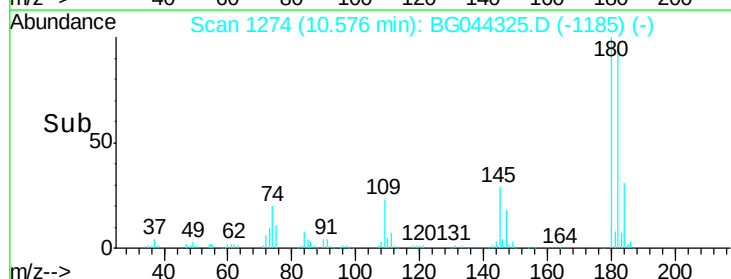
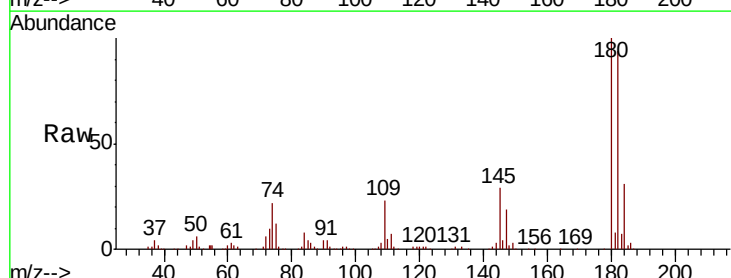
Manual Integrations
APPROVED

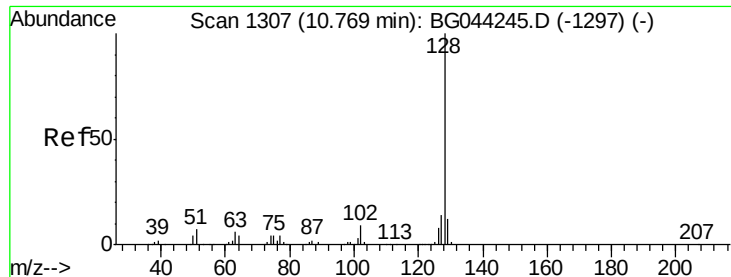
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#30
1,2,4-Trichlorobenzene
Concen: 37.453 ng
RT: 10.58 min Scan# 1274
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	260108		
182	94.5	75.5	113.3	
145	28.6	22.6	34.0	





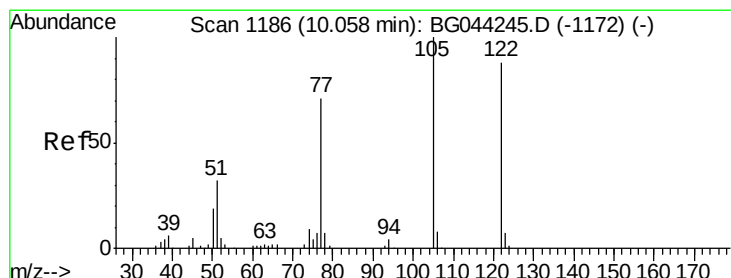
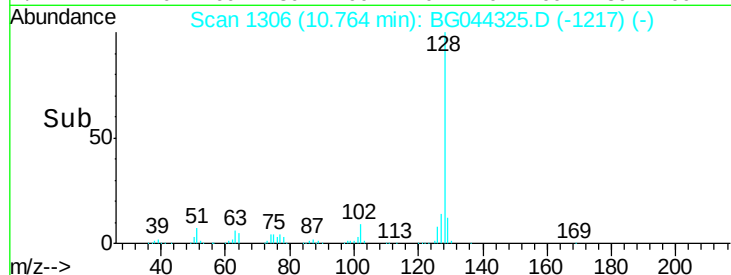
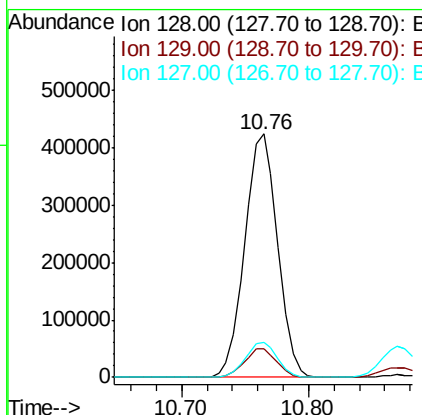
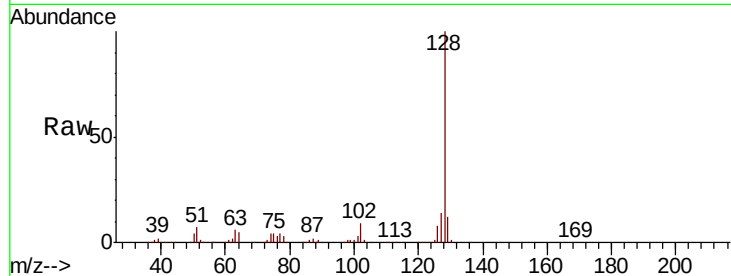
#31
Naphthalene
Concen: 39.679 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

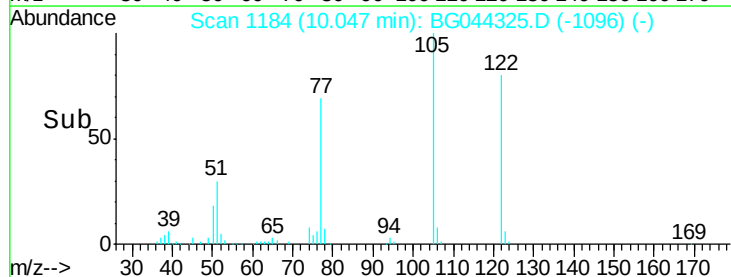
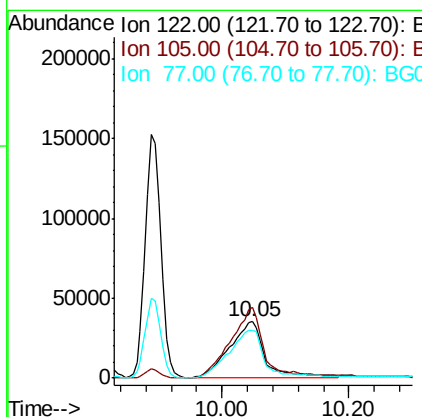
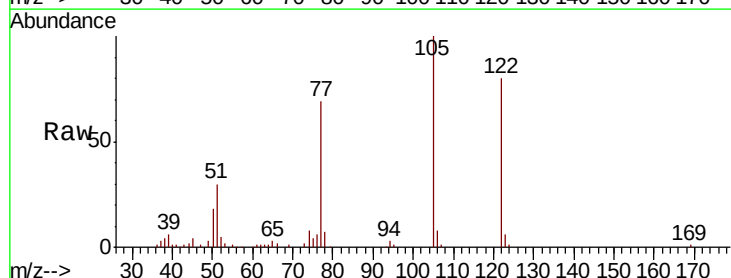
Manual Integrations
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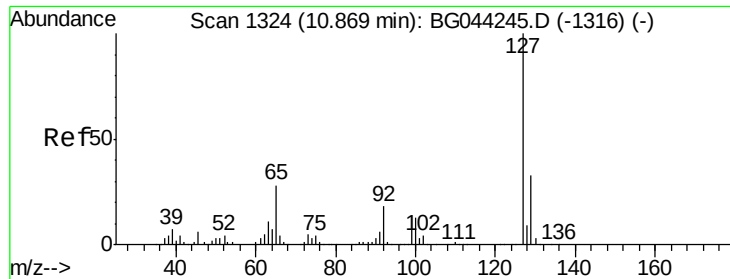
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#32
Benzoic acid
Concen: 42.117 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





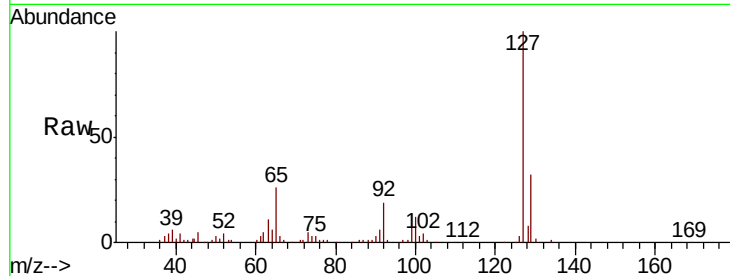
#33
4-Chloroaniline
Concen: 12.842 ng
RT: 10.87 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

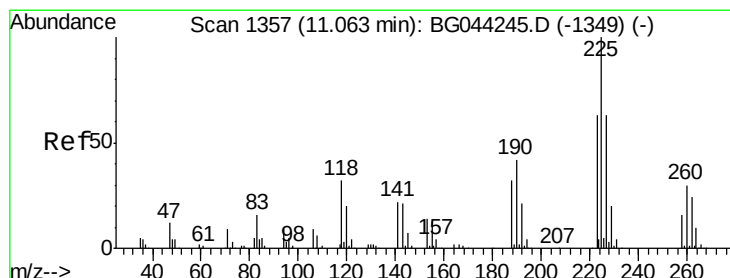
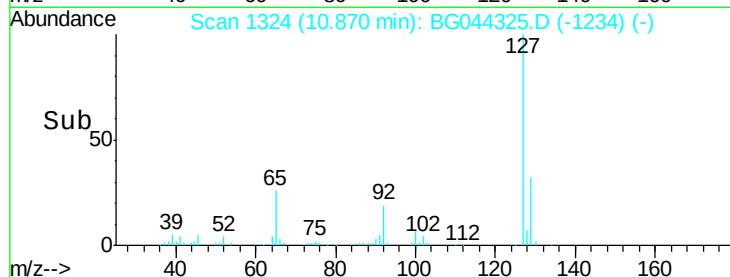
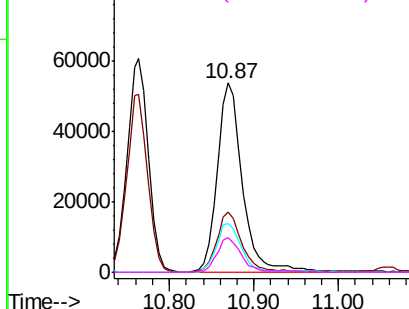
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.6	40.0
65	26.0	22.5	33.7
92	18.5	14.1	21.1

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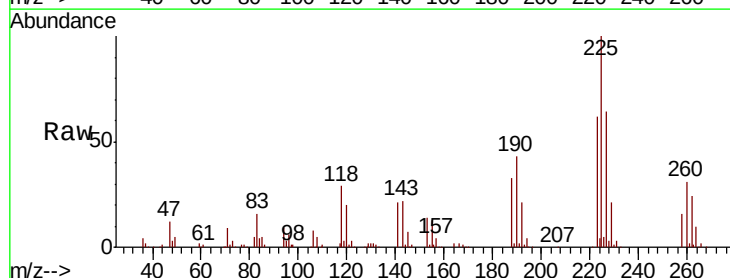


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

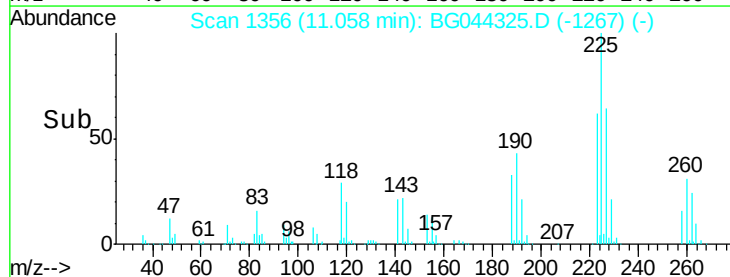
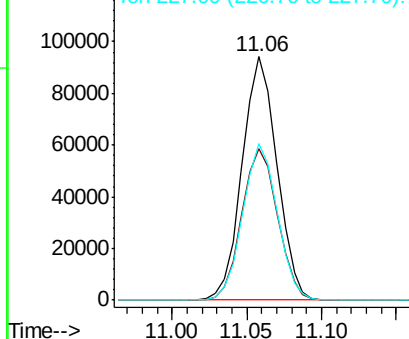


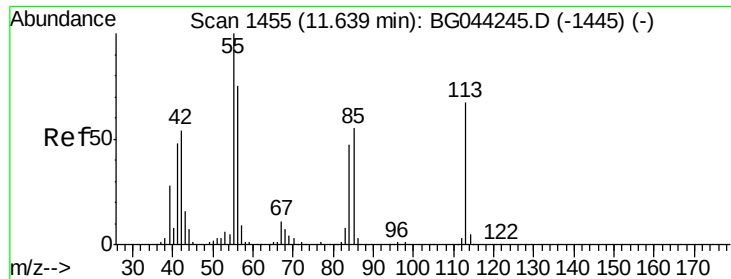
#34
Hexachlorobutadiene
Concen: 35.618 ng
RT: 11.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	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





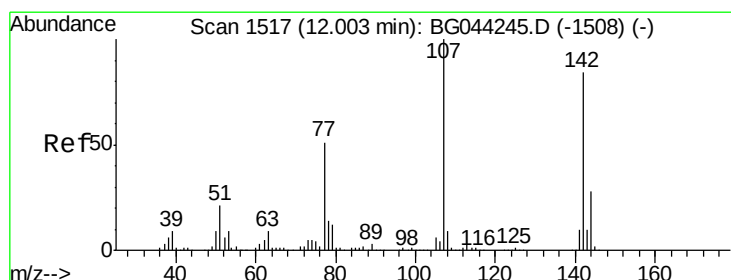
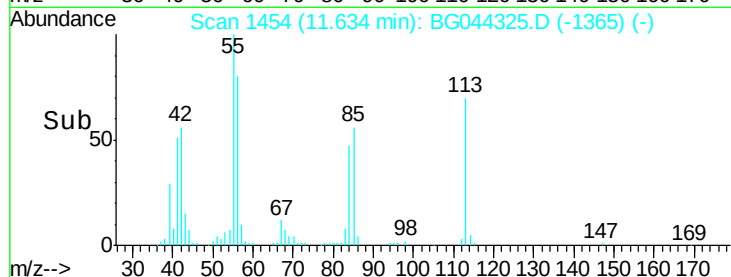
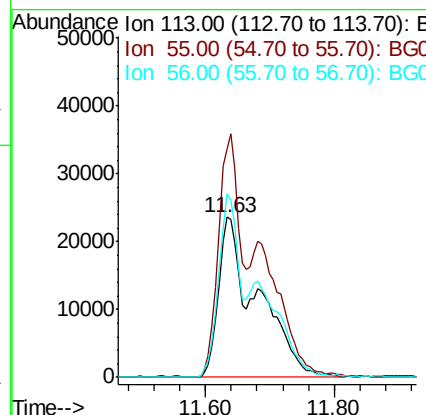
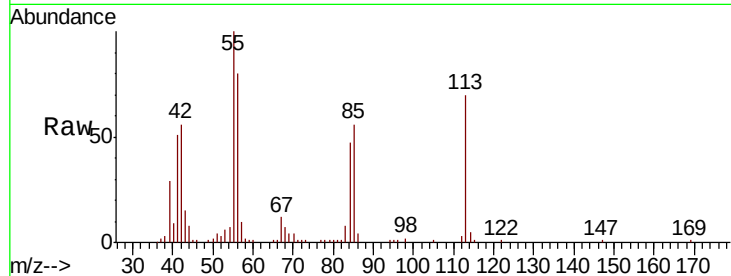
#35
Caprolactam
Concen: 44.175 ng/ml
RT: 11.63 min Scan# 1454
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

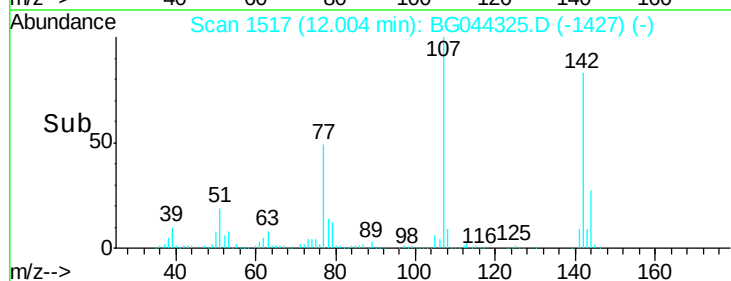
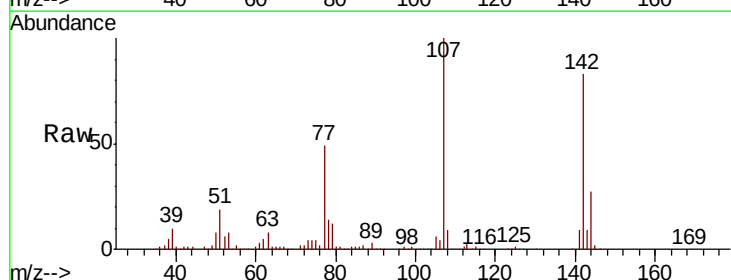
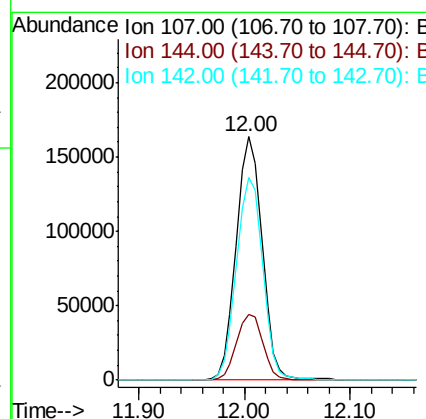
Manual Integrations
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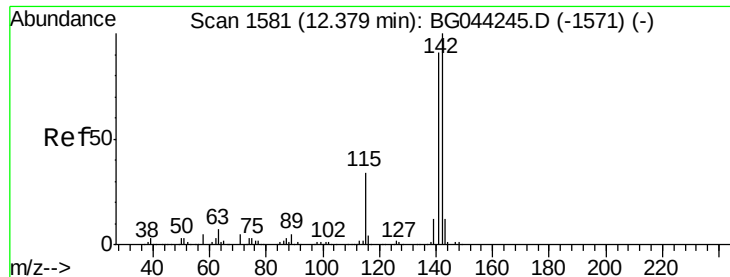
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 43.894 ng/ml
RT: 12.00 min Scan# 1517
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





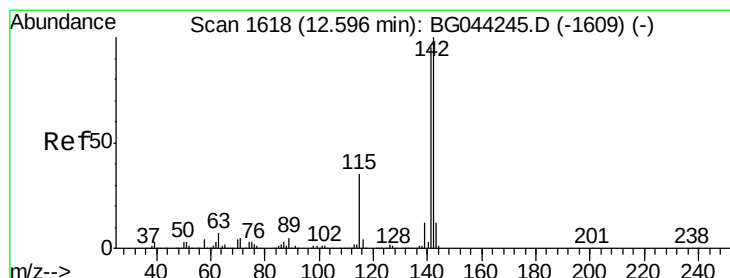
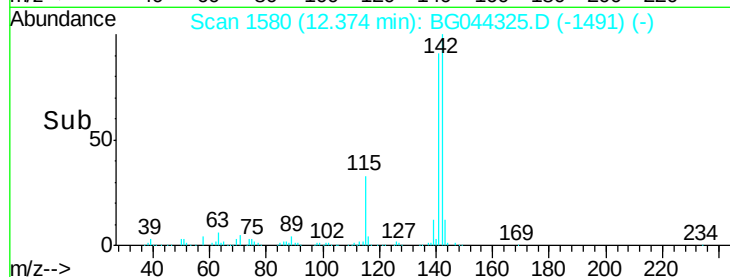
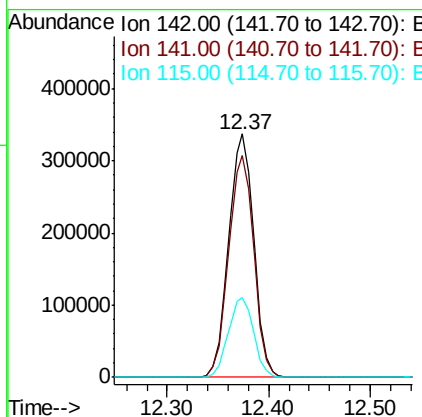
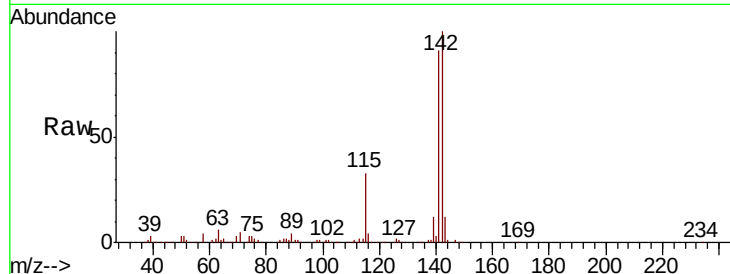
#37
2-Methylnaphthalene
Concen: 40.525 ng
RT: 12.37 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

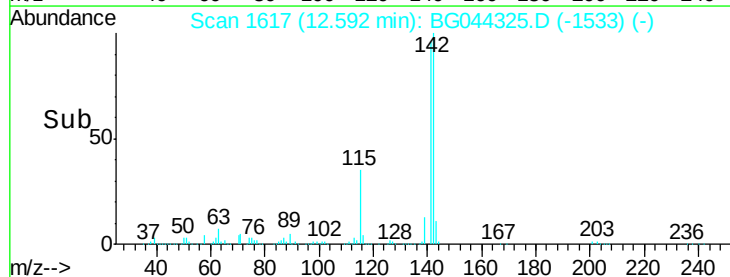
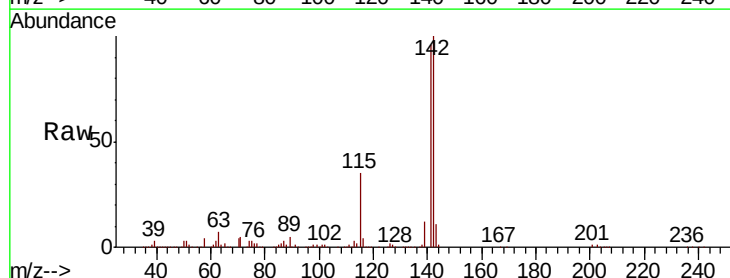
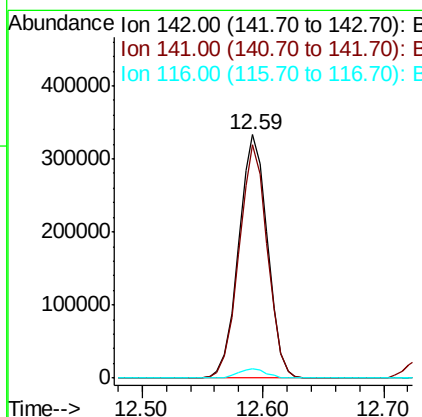
Manual Integrations
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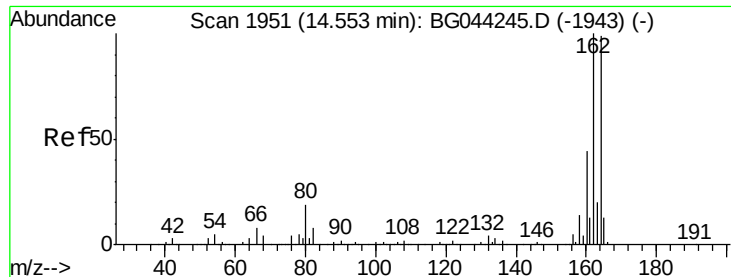
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#38
1-Methylnaphthalene
Concen: 41.140 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.7	75.8	113.6
116	3.8	3.1	4.7





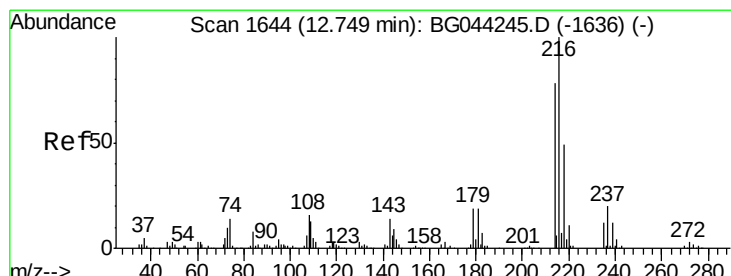
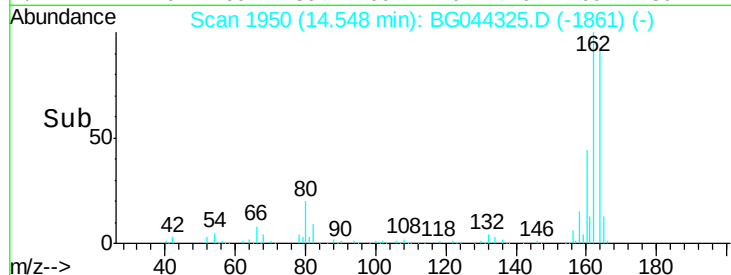
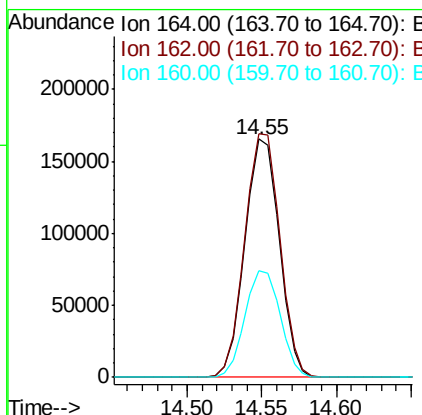
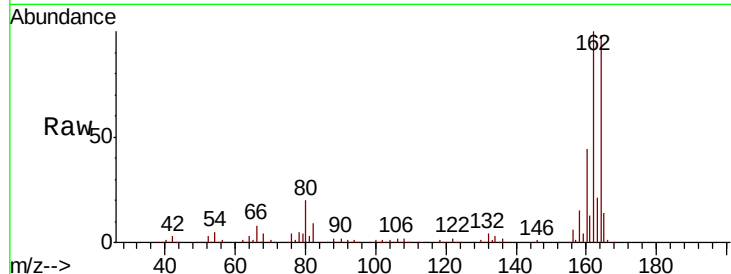
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.55 min Scan# 1950
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Resp	Lower	Upper
164	100	264197		
162	102.3	80.7	121.1	
160	44.8	35.3	52.9	

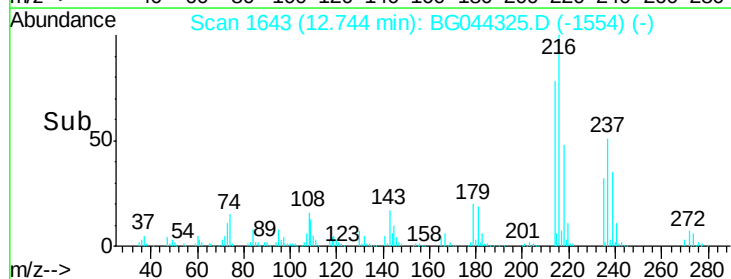
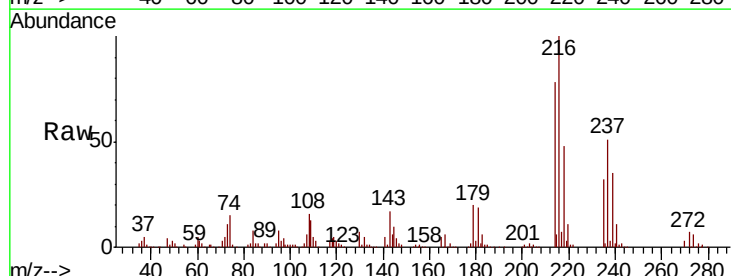
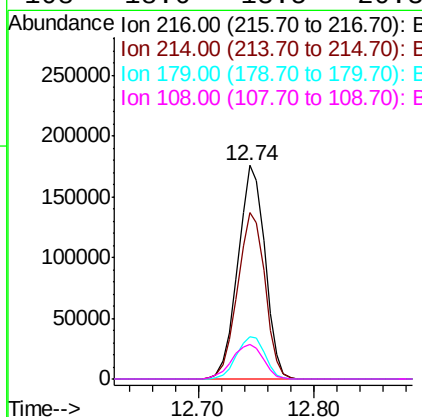
Manual Integrations
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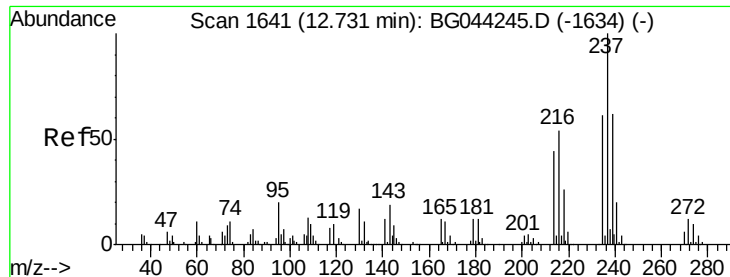
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.085 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	285183		
214	79.1	63.0	94.6	
179	20.7	16.2	24.4	
108	18.6	13.5	20.3	





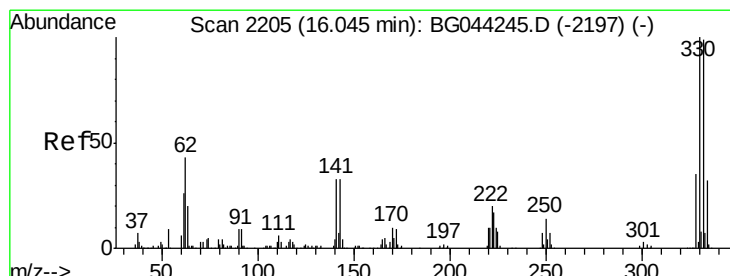
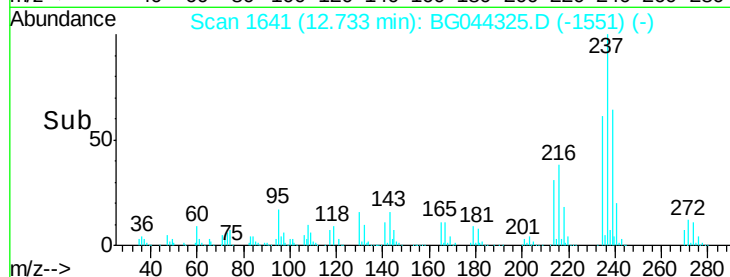
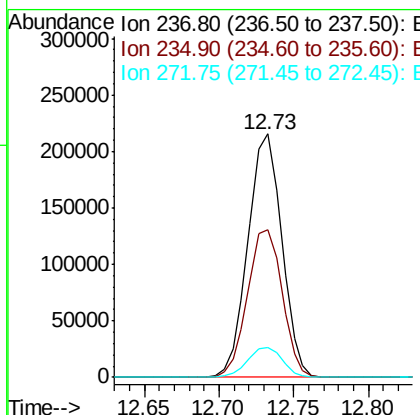
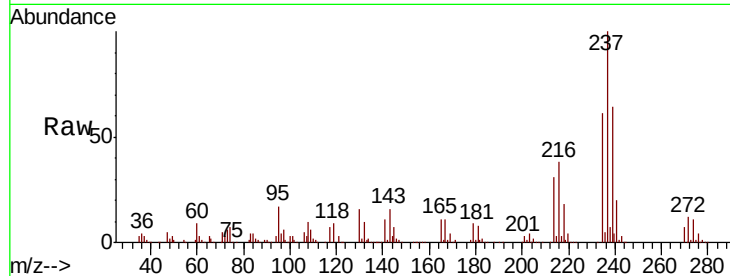
#41
Hexachlorocyclopentadiene
Concen: 89.109 ng
RT: 12.73 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.9	41.2	81.2
272	12.3	0.0	32.4

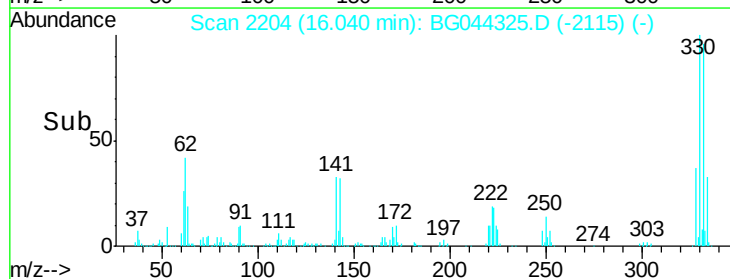
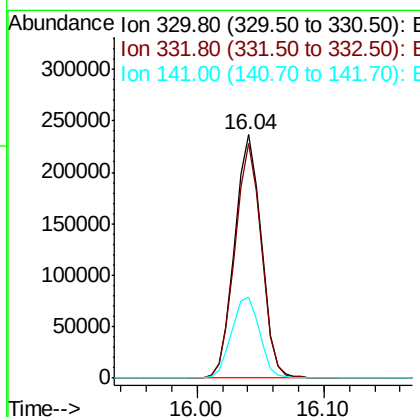
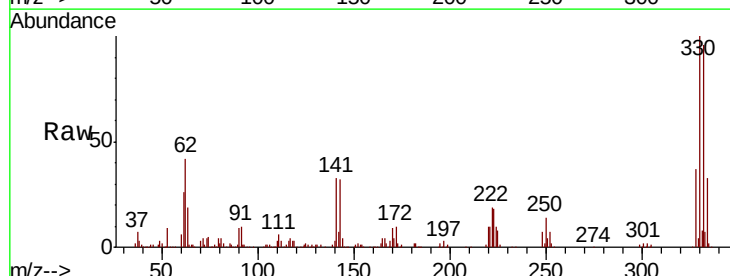
Manual Integrations
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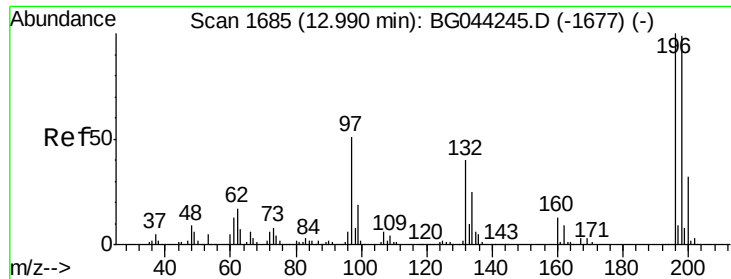
mohammad
2/10/2020 8:16:57 AM



#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	Ratio	Resp Lower	Upper
330	100		
332	96.0	77.2	115.8
141	35.0	28.3	42.5





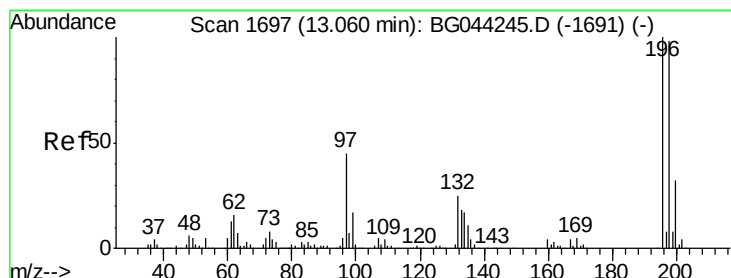
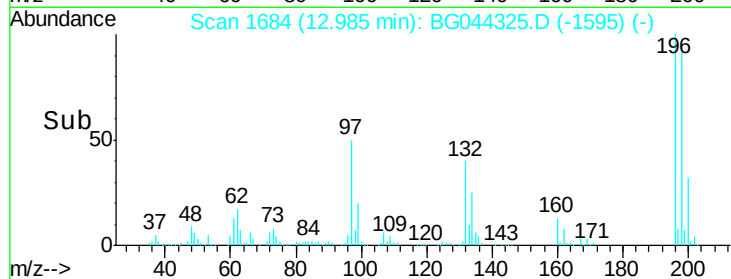
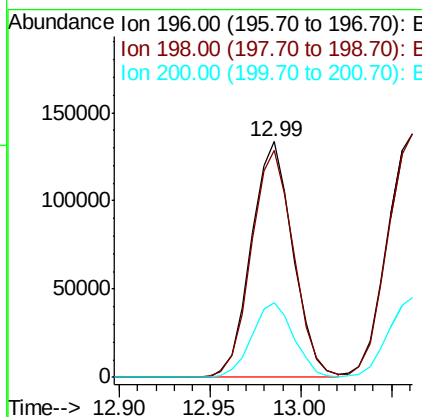
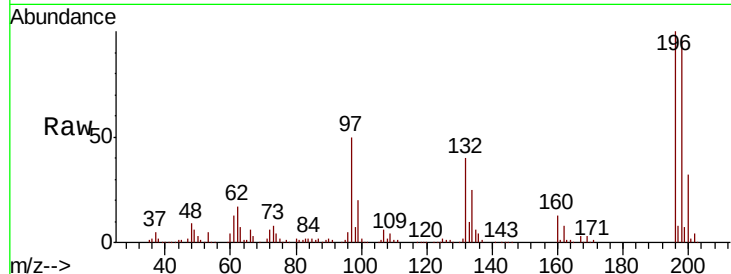
#43
 2,4,6-Trichlorophenol
 Concen: 42.087 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214995		
198	96.5	79.3	118.9	
200	31.7	25.7	38.5	

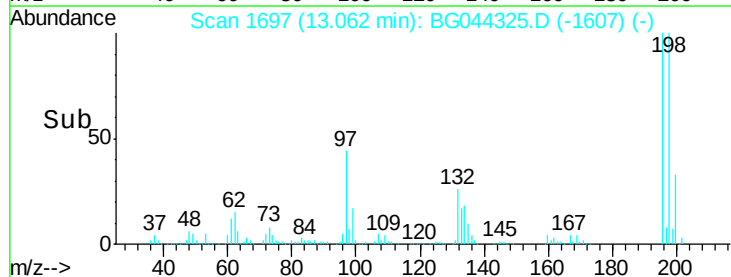
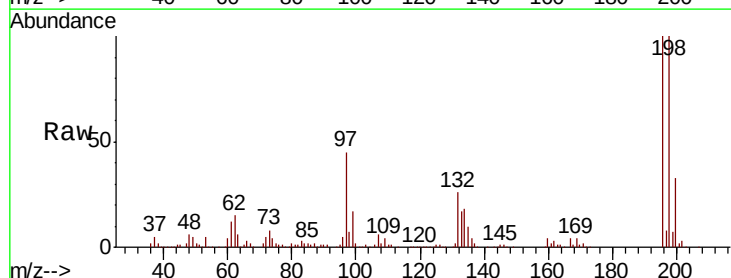
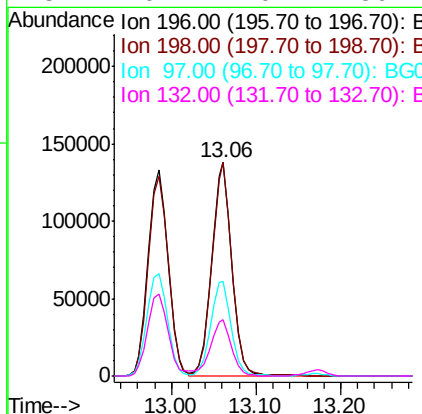
Manual Integrations
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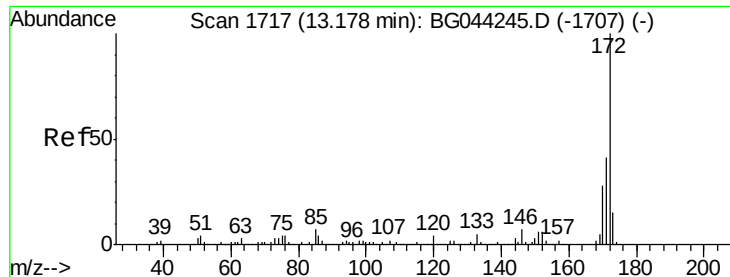
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#44
 2,4,5-Trichlorophenol
 Concen: 44.241 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	230833		
198	99.8	78.2	117.2	
97	44.5	36.2	54.4	
132	26.2	20.2	30.4	





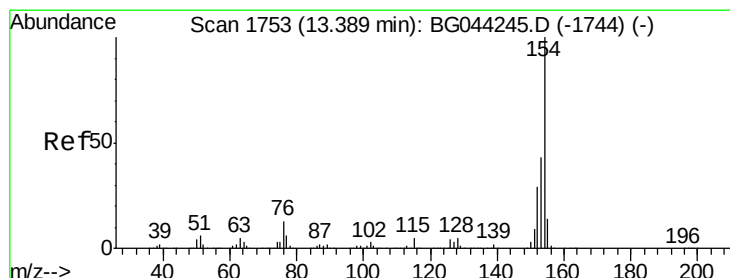
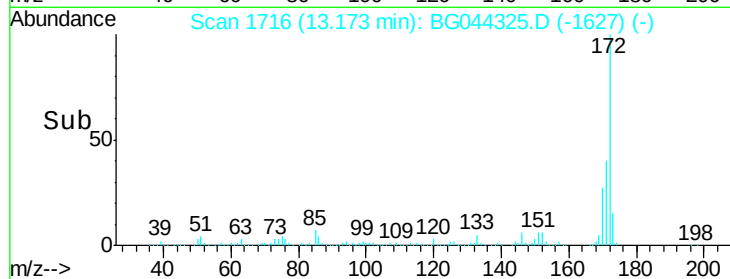
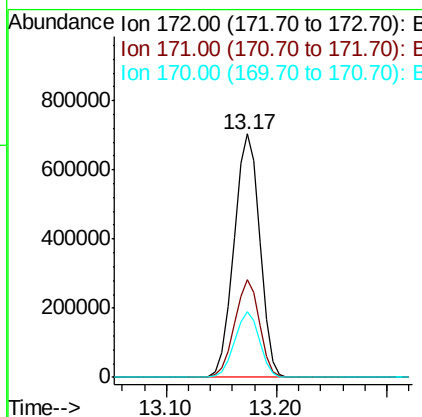
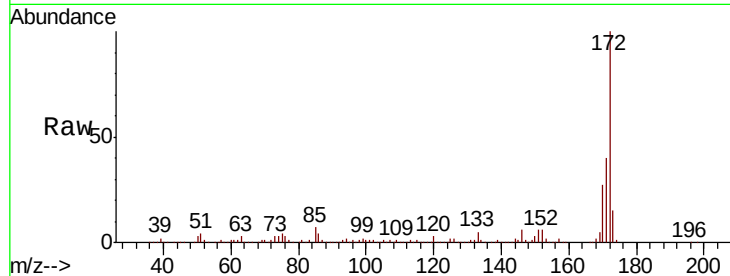
#45
2-Fluorobiphenyl
Concen: 73.099 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

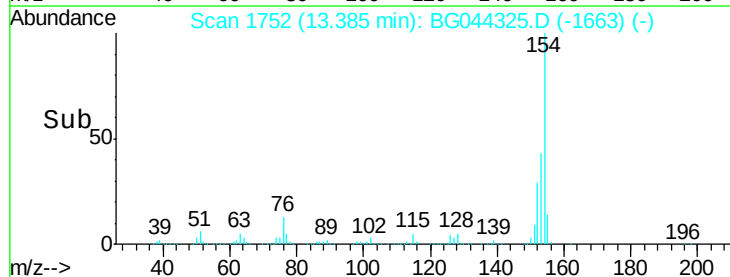
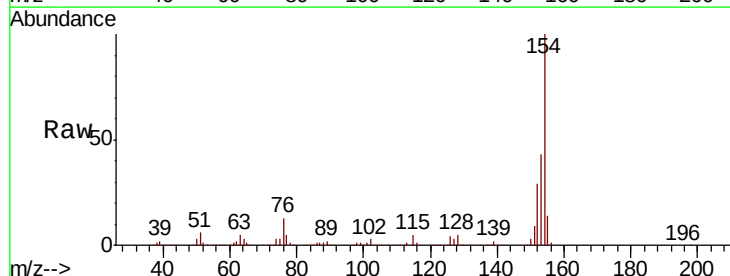
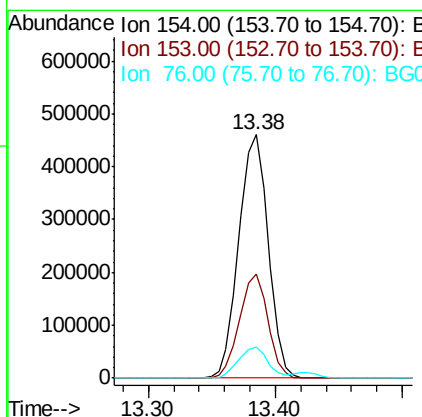
Manual Integrations
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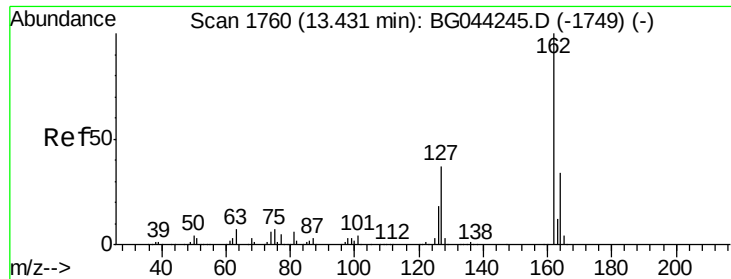
mohammad
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#46
1,1'-Biphenyl
Concen: 38.802 ng
RT: 13.38 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





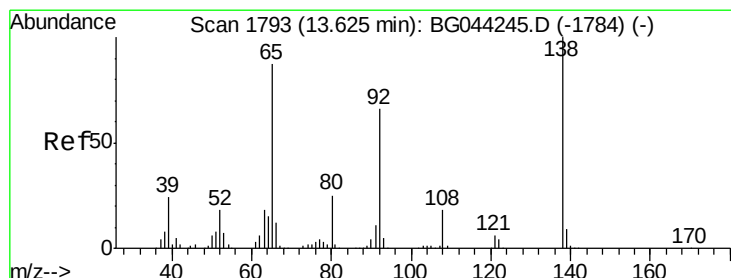
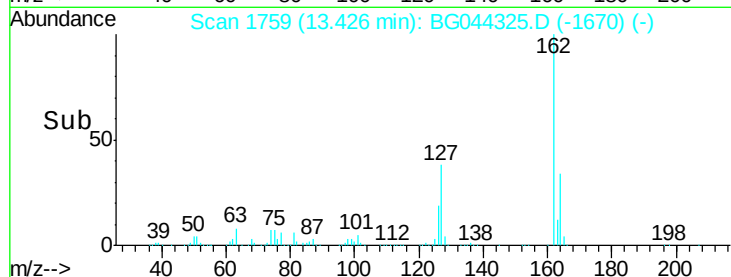
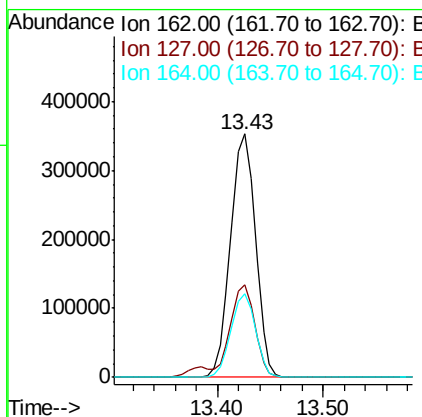
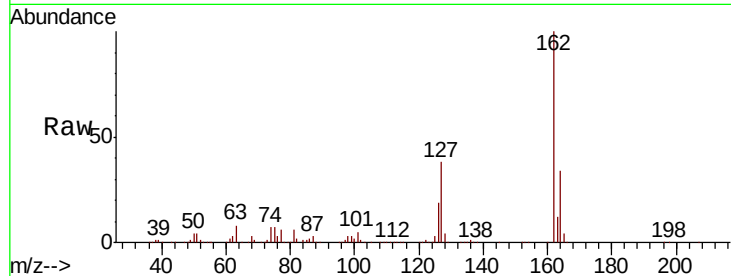
#47
2-Chloronaphthalene
Concen: 38.081 ng
RT: 13.43 min Scan# 1759
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

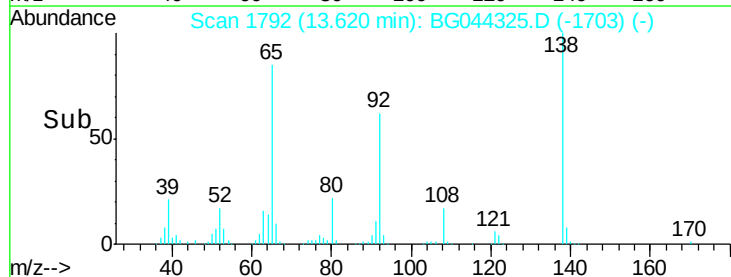
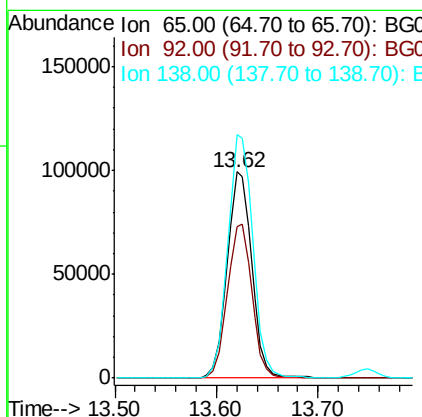
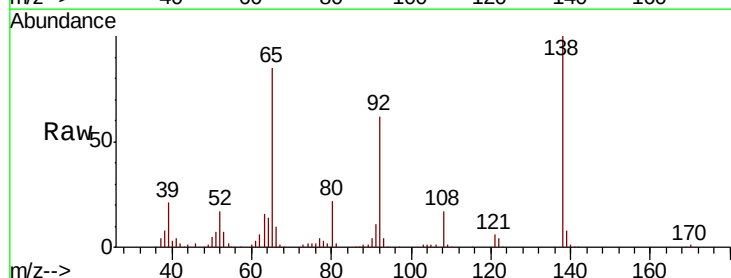
Manual Integrations
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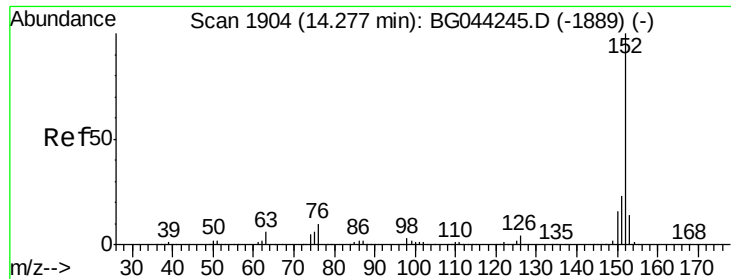
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#48
2-Nitroaniline
Concen: 37.391 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

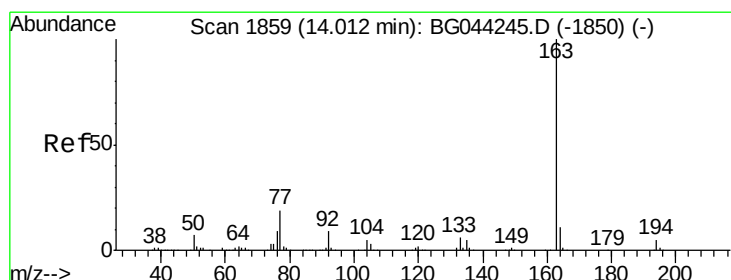
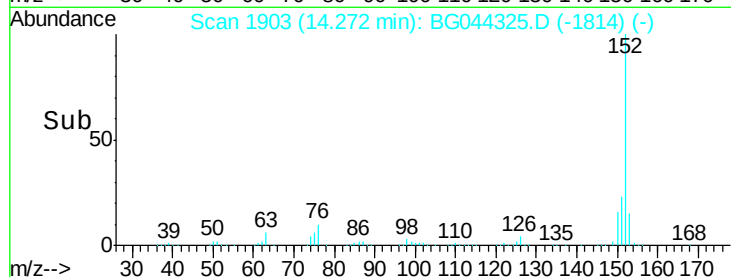
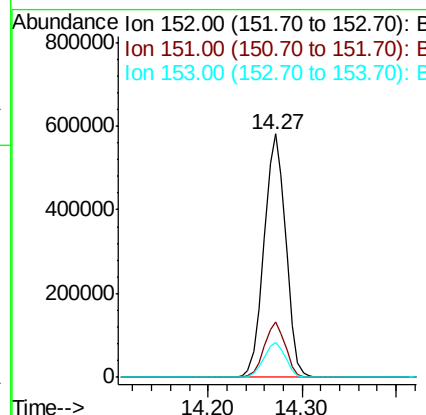
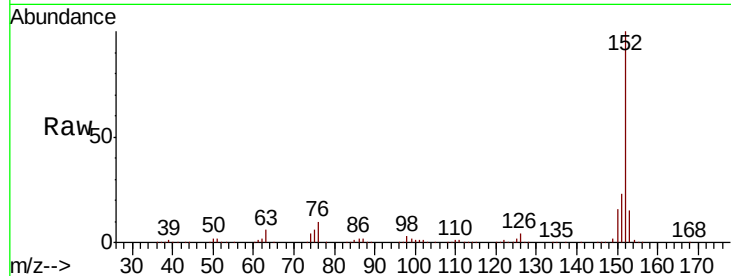
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.6	18.1	27.1
153	14.6	11.5	17.3

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#50

Dimethylphthalate

Concen: 43.638 ng

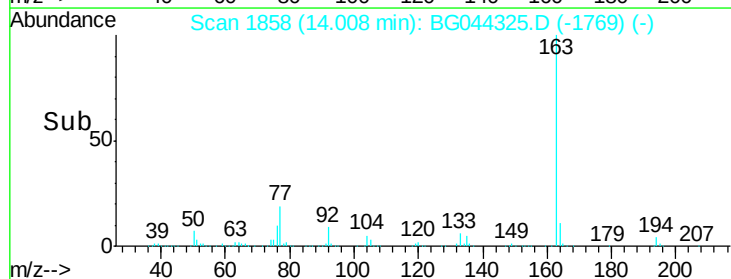
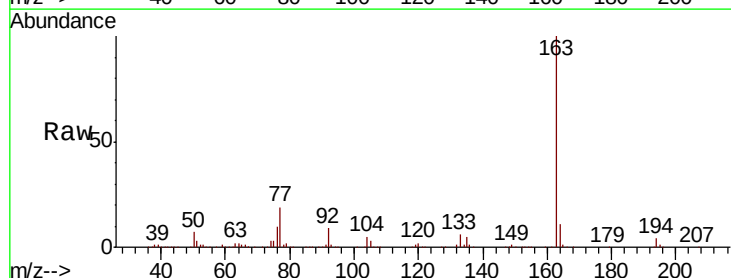
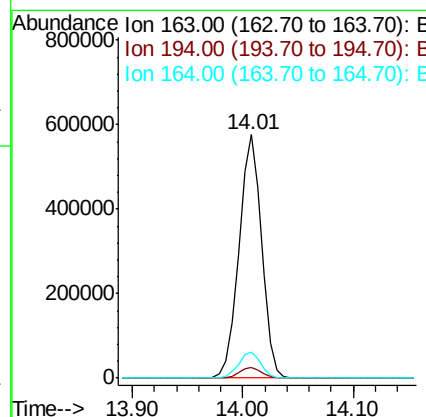
RT: 14.01 min Scan# 1858

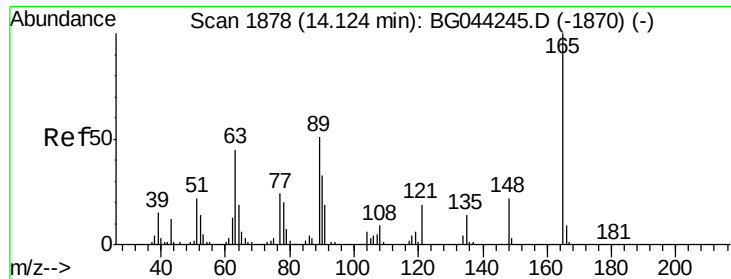
Delta R.T. -0.00 min

Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.6	8.7	13.1





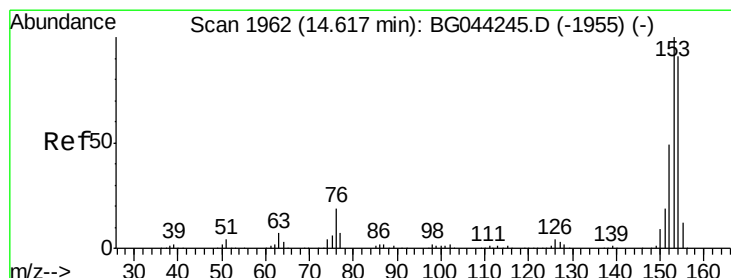
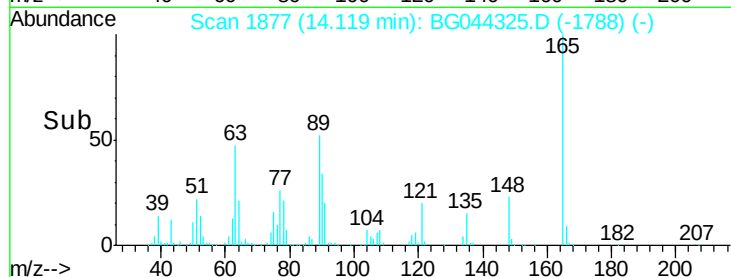
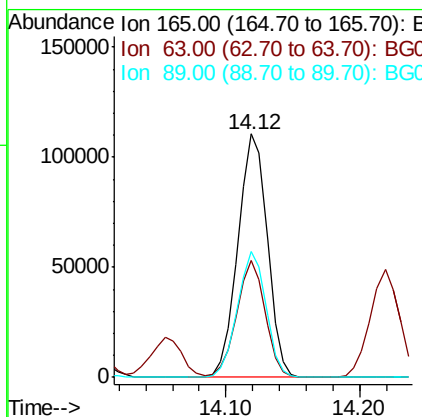
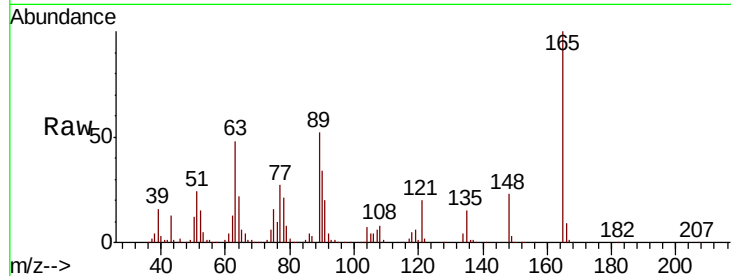
#51
 2,6-Dinitrotoluene
 Concen: 39.841 ng
 RT: 14.12 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168701		
63	48.2		38.7	58.1
89	51.5		40.4	60.6

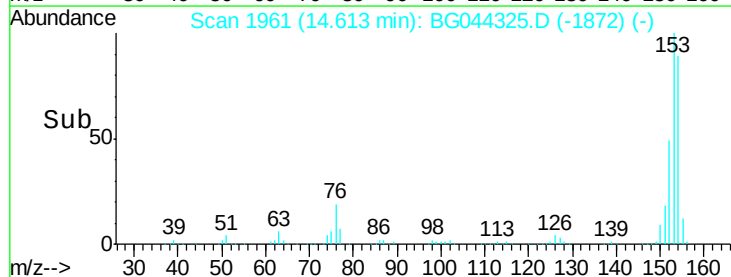
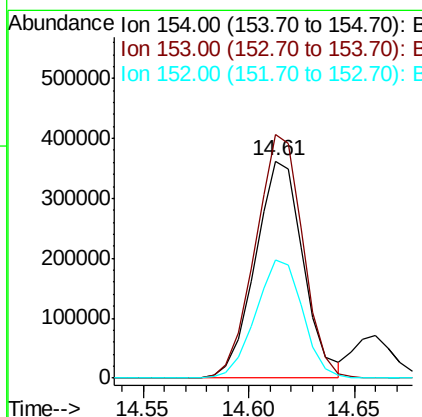
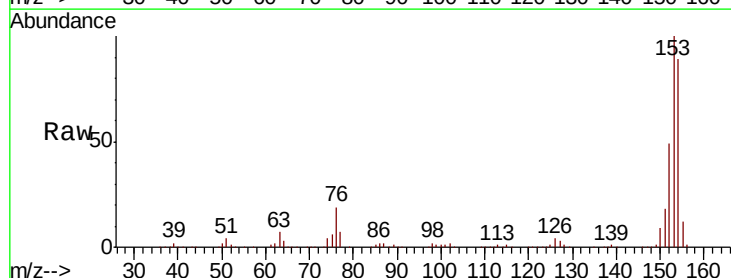
Manual Integrations
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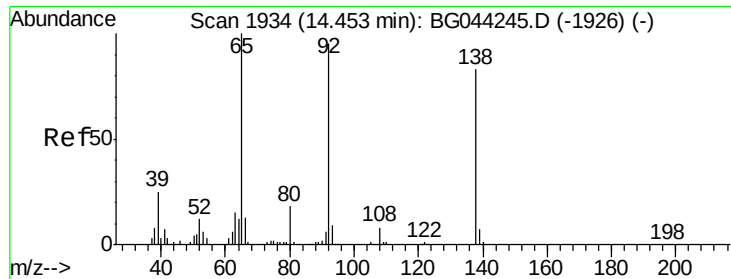
mohammad
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#52
 Acenaphthene
 Concen: 39.589 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	570752		
153	112.1		87.9	131.9
152	54.5		43.1	64.7





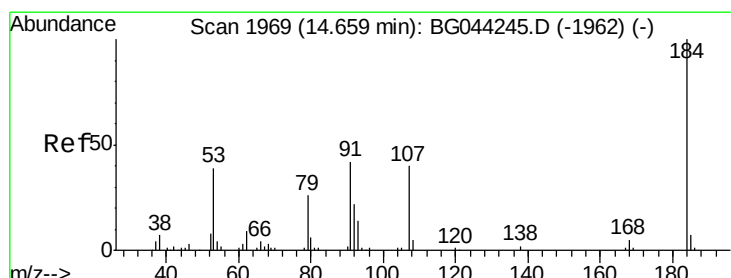
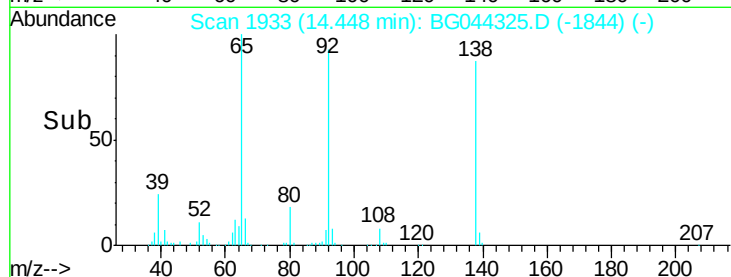
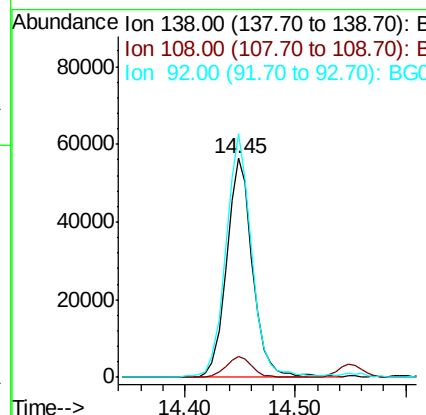
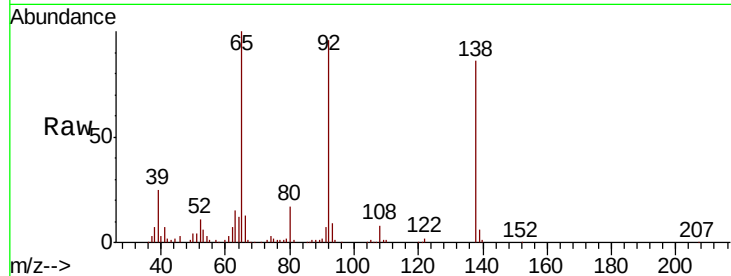
#53
3-Nitroaniline
Concen: 19.713 ng
RT: 14.45 min Scan# 1933
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

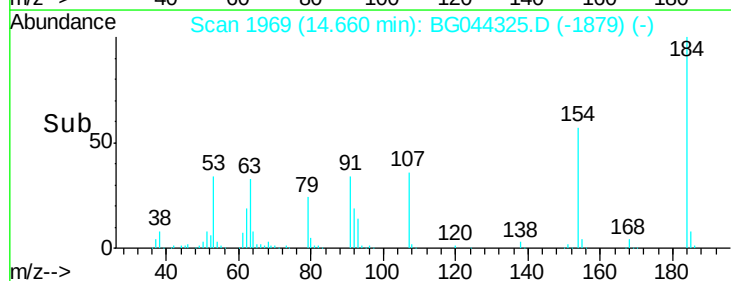
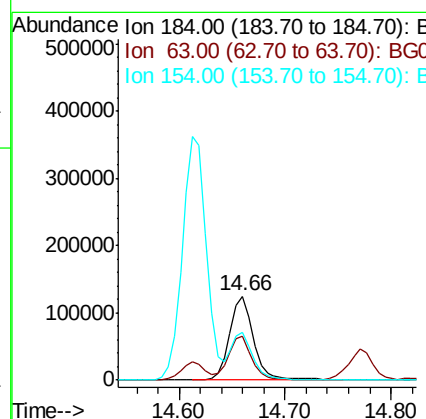
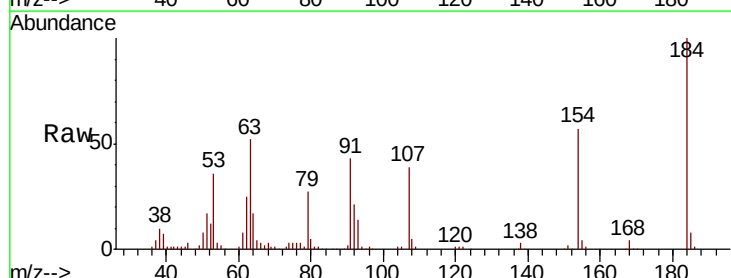
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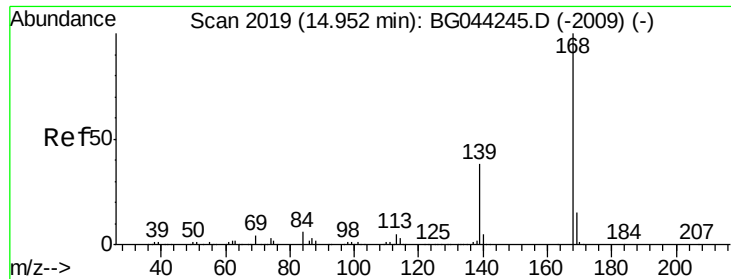
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#54
2,4-Dinitrophenol
Concen: 78.199 ng
RT: 14.66 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





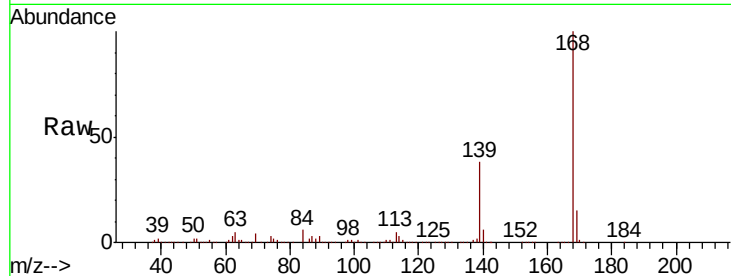
#55
Dibenzenofuran
Concen: 40.193 ng
RT: 14.95 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

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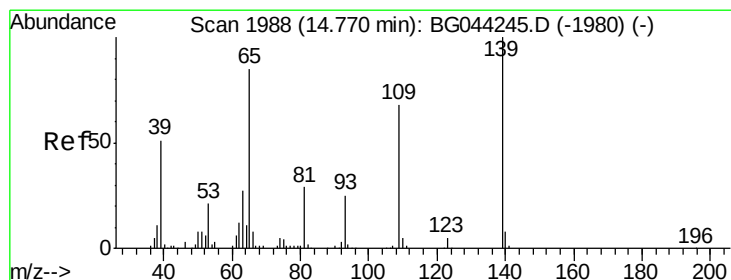
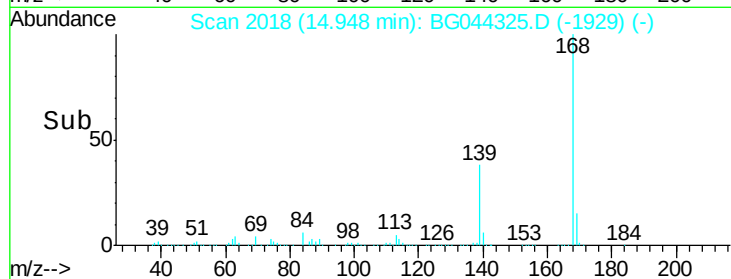
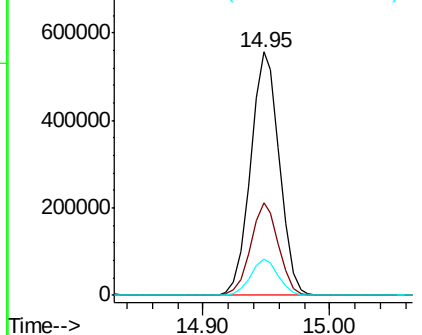


Abundance

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

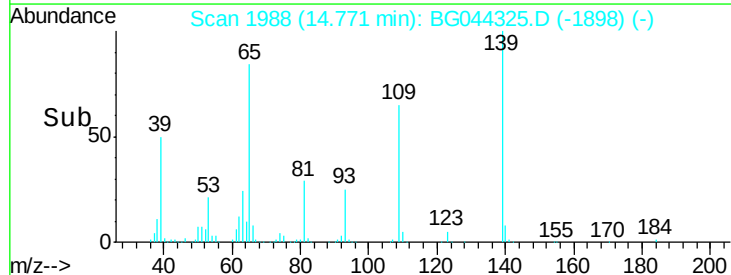
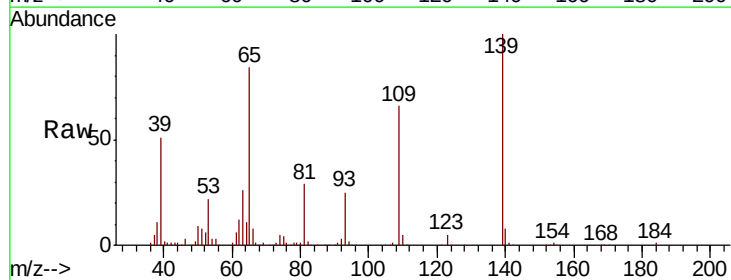
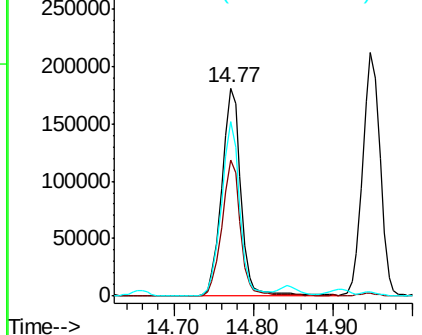
Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.5	47.5	87.5
65	83.9	64.9	104.9

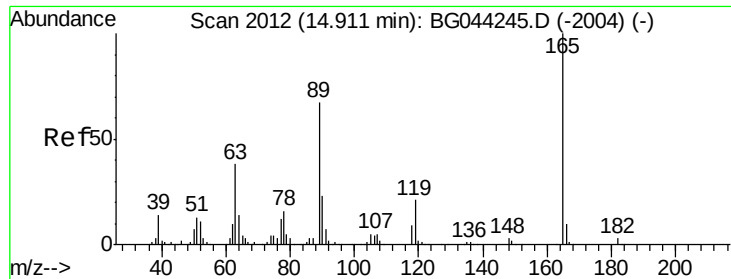
Abundance

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





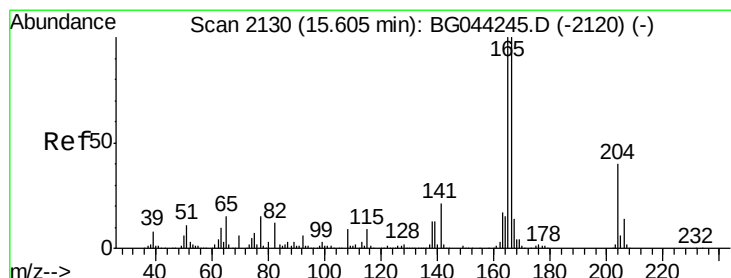
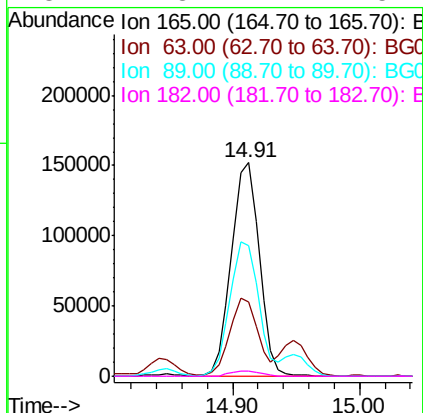
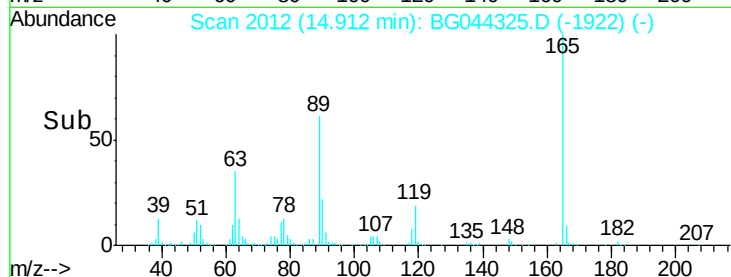
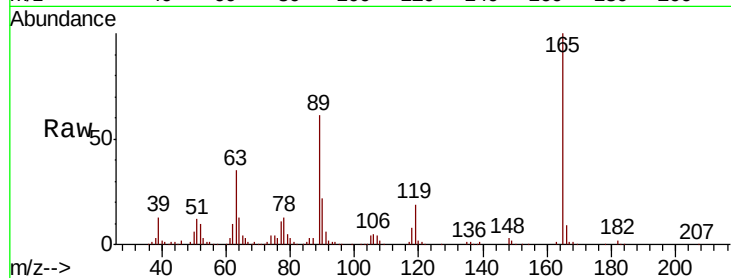
#57
2,4-Dinitrotoluene
Concen: 39.242 ng
RT: 14.91 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	232895		
63	35.0		30.3	45.5
89	61.1		53.4	80.2
182	2.3		2.1	3.1

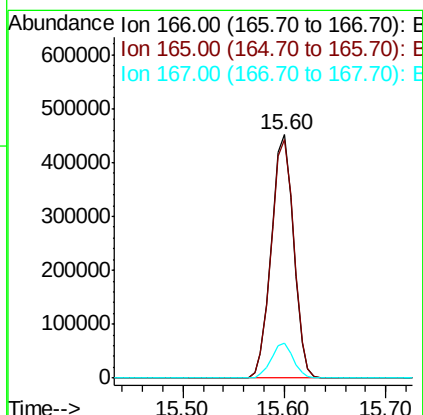
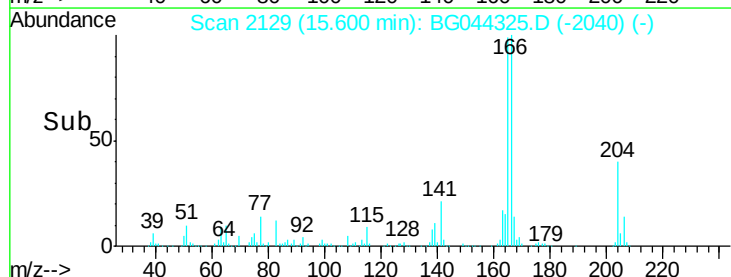
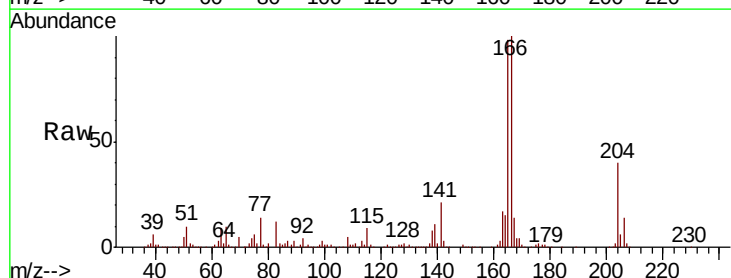
Manual Integrations
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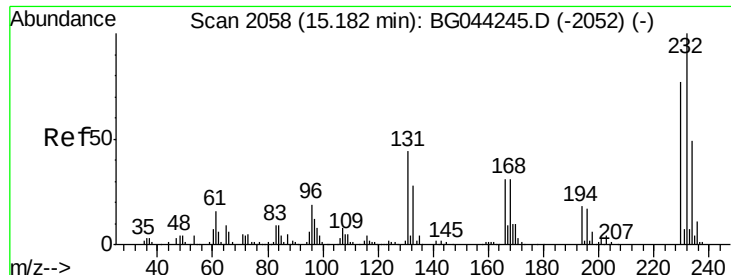
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#58
Fluorene
Concen: 40.327 ng
RT: 15.60 min Scan# 2129
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	693301		
165	98.1		79.9	119.9
167	14.2		11.4	17.0





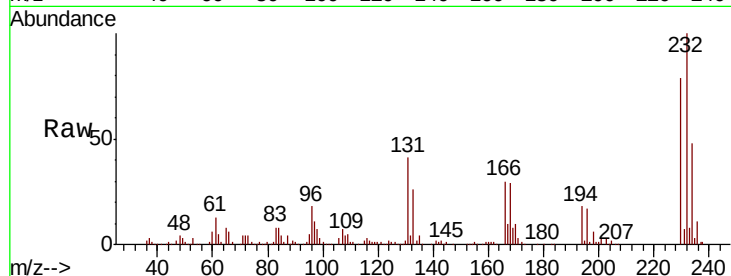
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.386 ng
RT: 15.18 min Scan# 2058
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

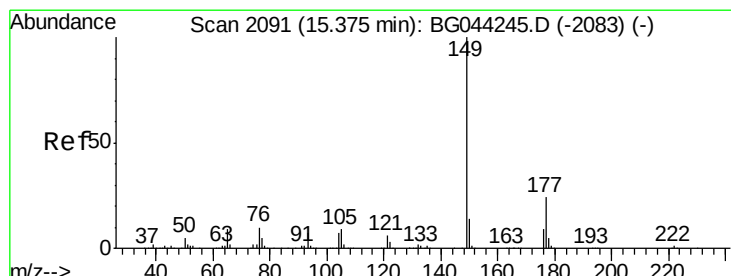
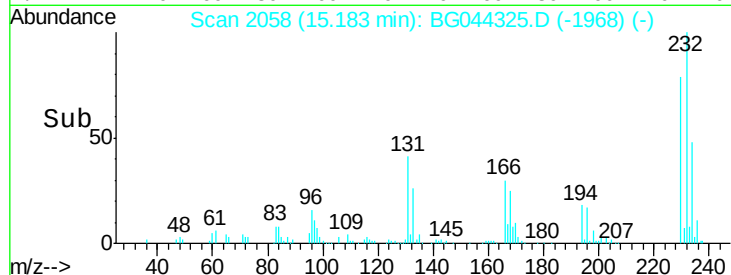
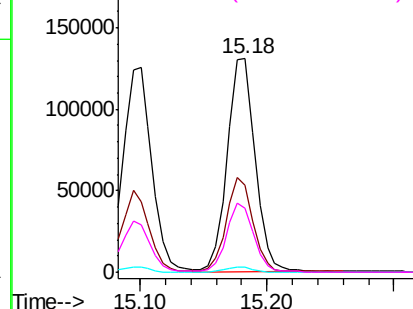
Tot Ion	Ratio	Lower	Upper
232	100		
131	42.4	34.2	51.4
130	2.4	1.8	2.8
166	31.7	23.8	35.8

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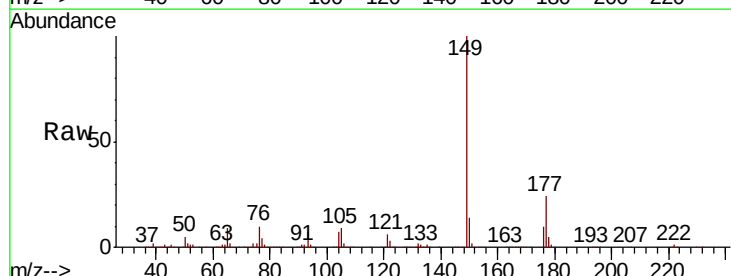


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

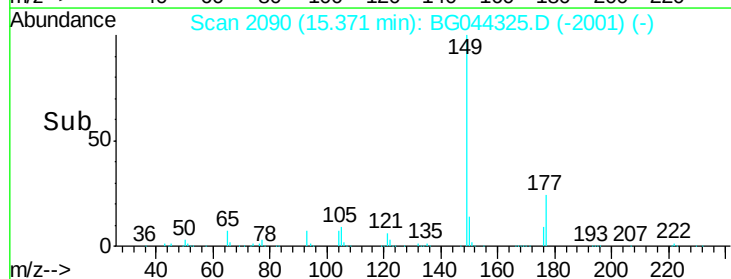
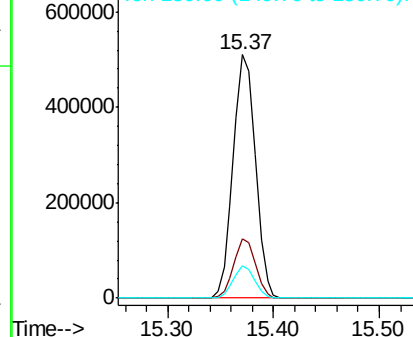


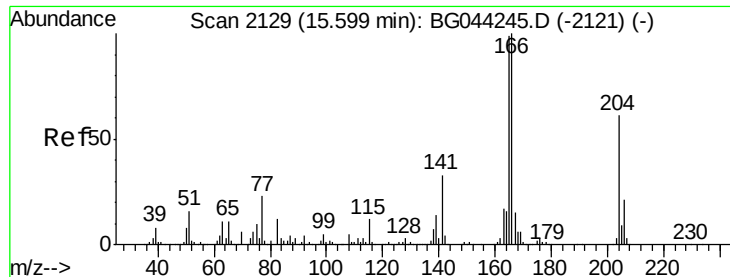
#60
Diethylphthalate
Concen: 39.271 ng
RT: 15.37 min Scan# 2090
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





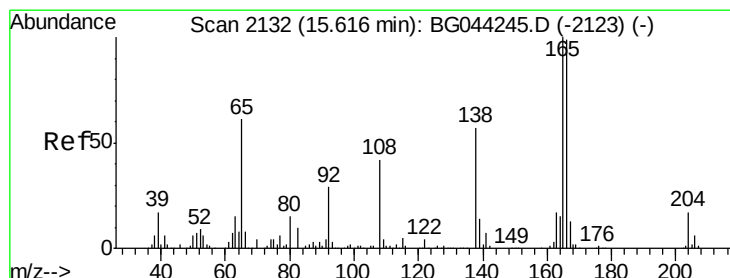
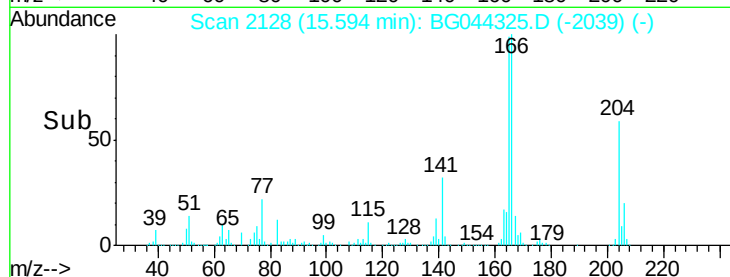
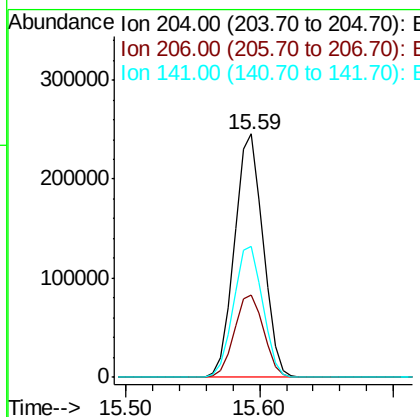
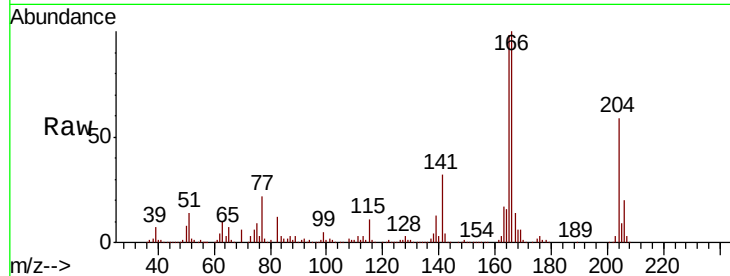
#61
 4-Chlorophenyl-phenylether
 Concen: 39.049 ng
 RT: 15.59 min Scan# 2128
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

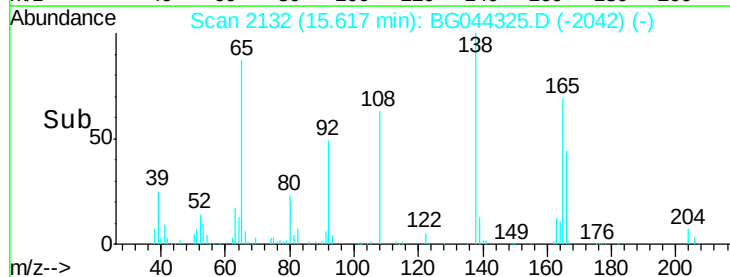
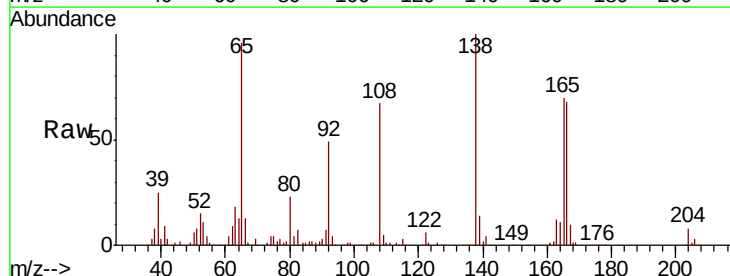
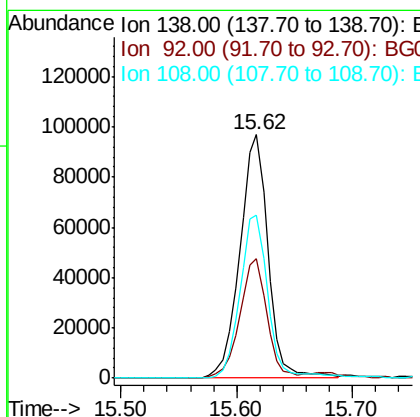
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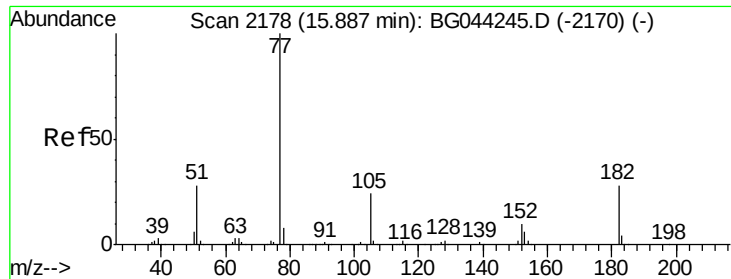
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#62
 4-Nitroaniline
 Concen: 35.030 ng
 RT: 15.62 min Scan# 2132
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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





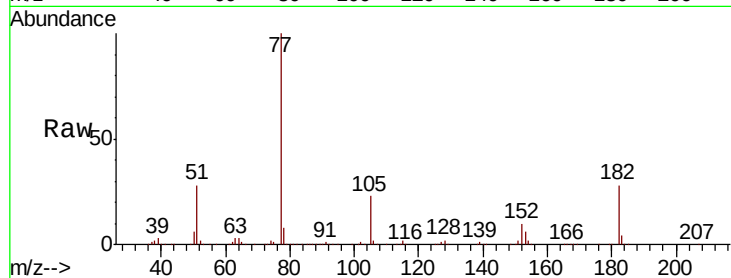
#63
Azobenzene
Concen: 39.387 ng
RT: 15.88 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

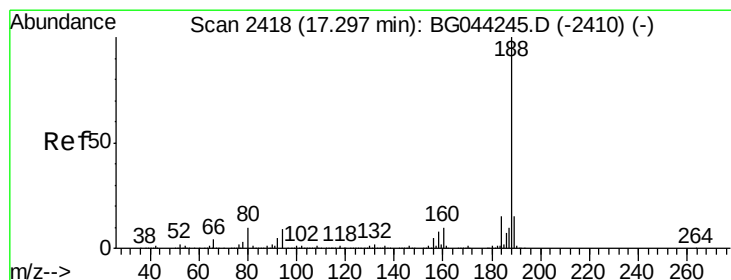
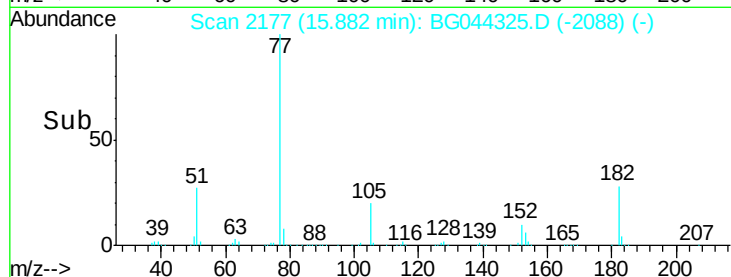
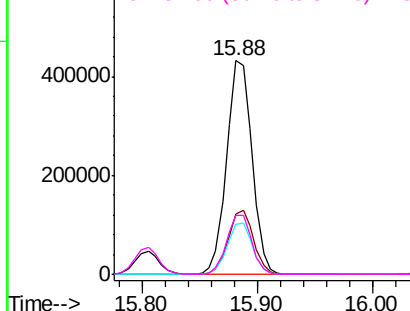
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.9	8.2	48.2	
105	23.2	3.6	43.6	
51	27.7	8.3	48.3	

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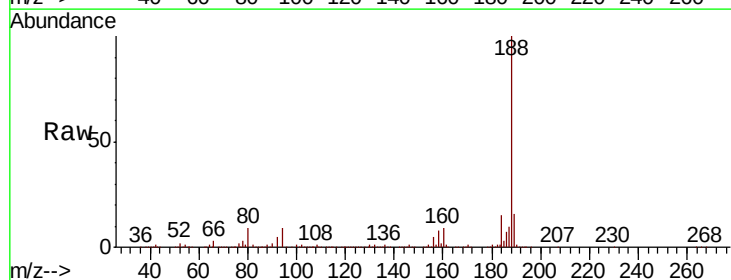


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

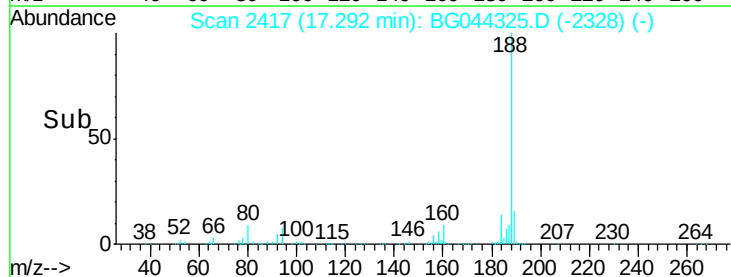
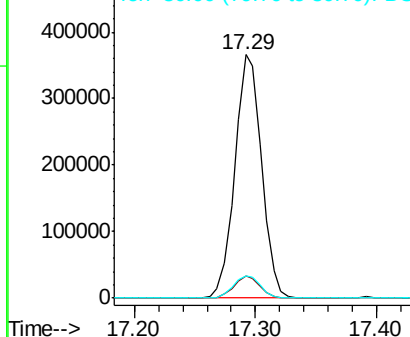


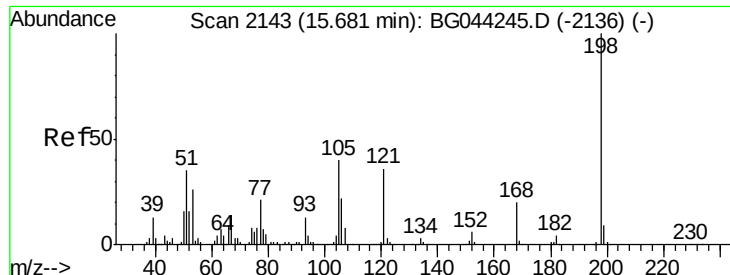
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.29 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	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

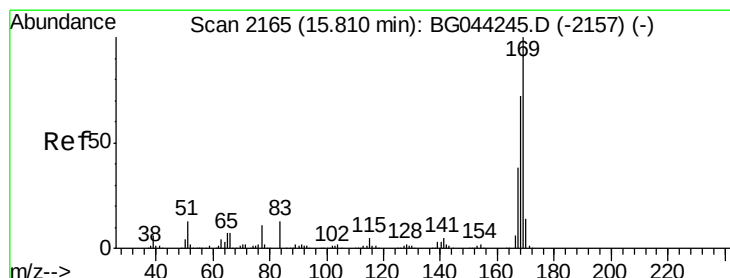
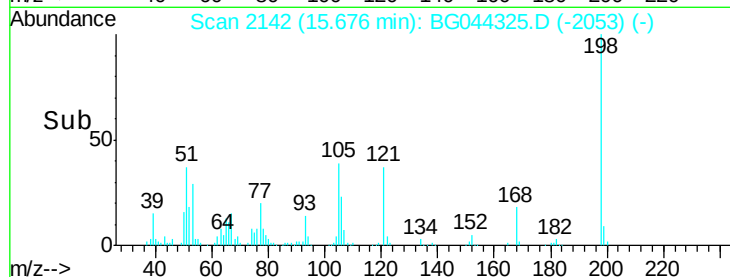
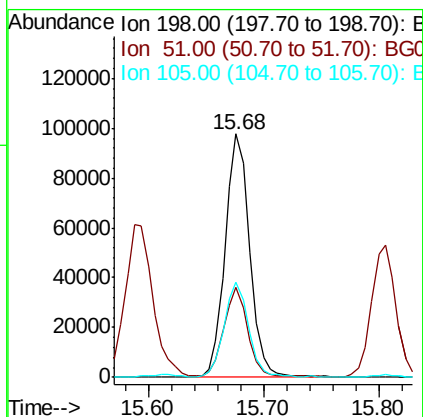
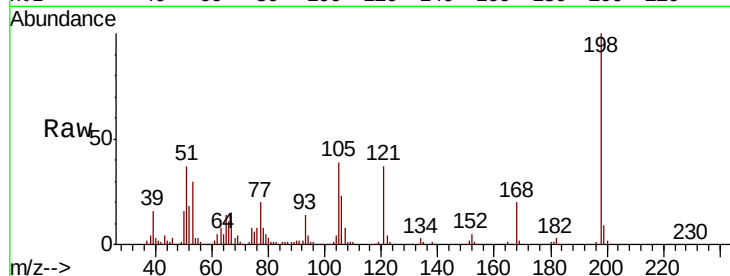
ClientSampleId :

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

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#66

n-Nitrosodiphenylamine

Concen: 40.938 ng

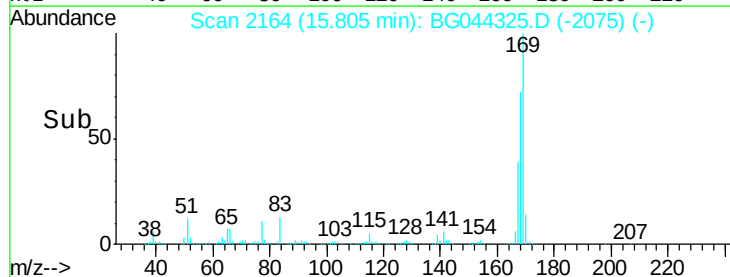
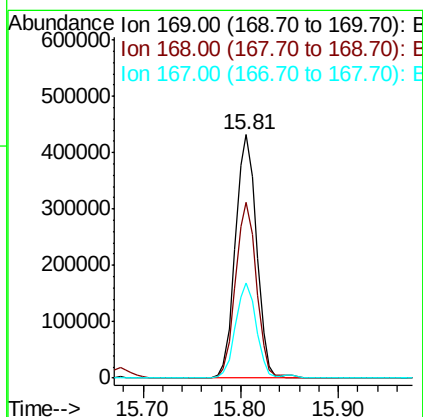
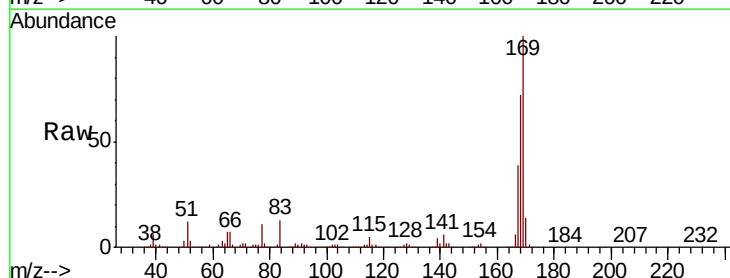
RT: 15.81 min Scan# 2164

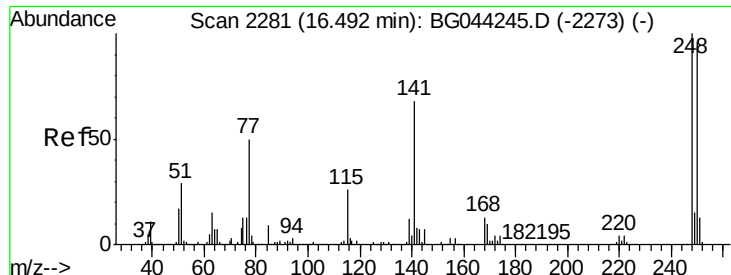
Delta R.T. -0.00 min

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





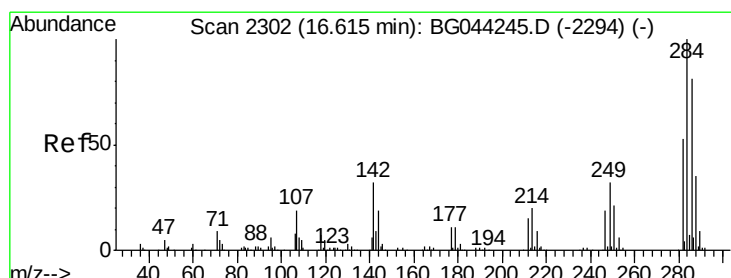
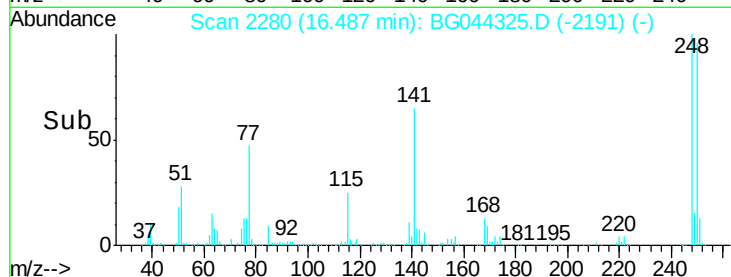
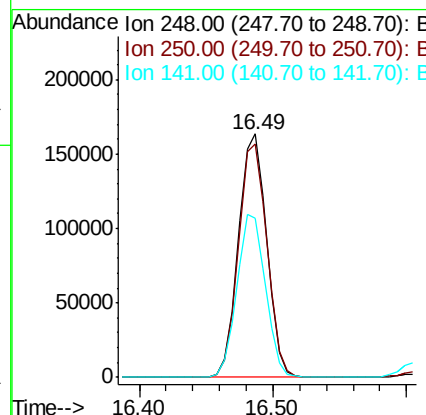
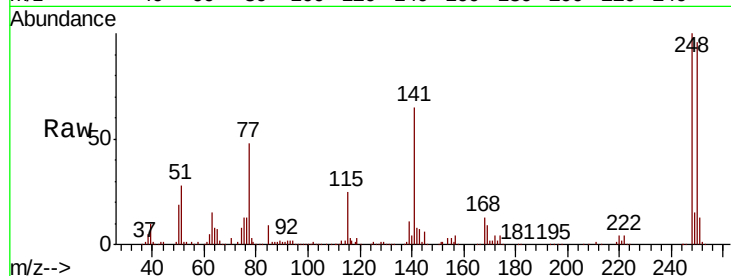
#67
 4-Bromophenyl-phenylether
 Concen: 39.023 ng
 RT: 16.49 min Scan# 2280
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

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

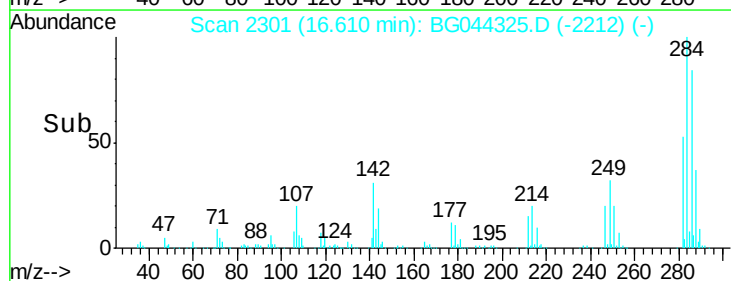
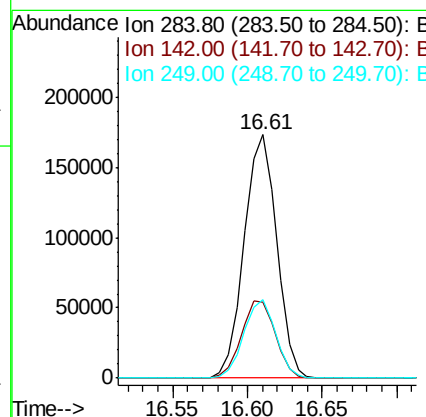
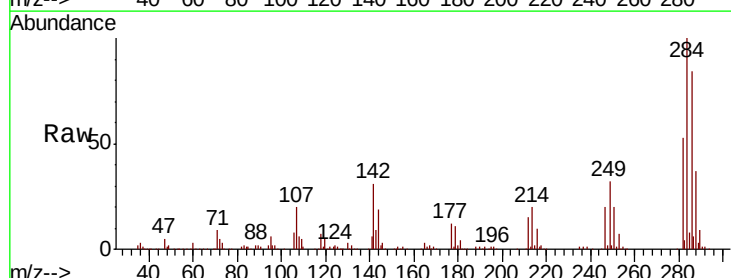
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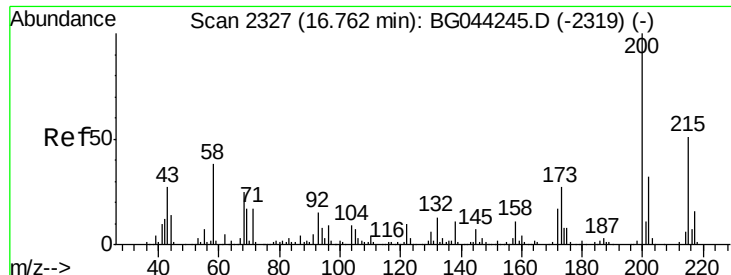
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#68
 Hexachlorobenzene
 Concen: 37.888 ng
 RT: 16.61 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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





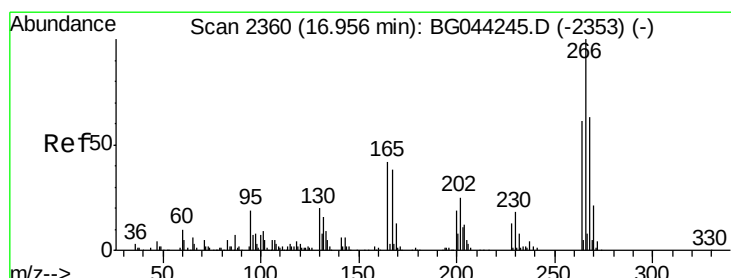
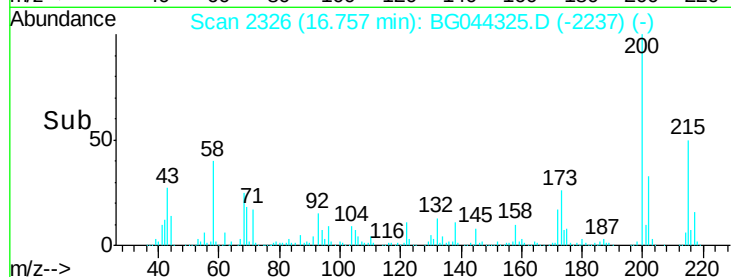
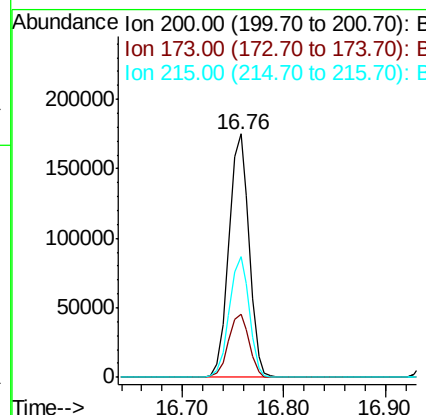
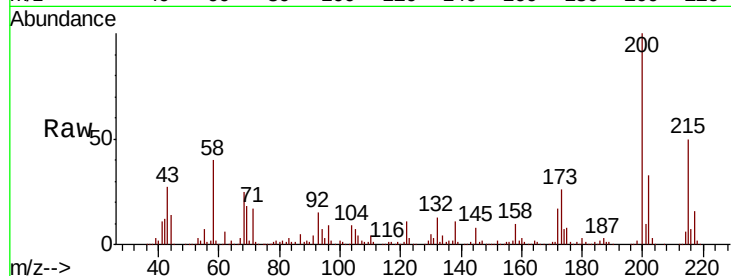
#69
Atrazine
Concen: 44.536 ng
RT: 16.76 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

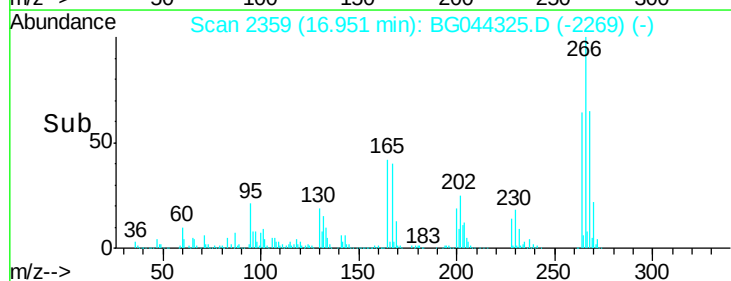
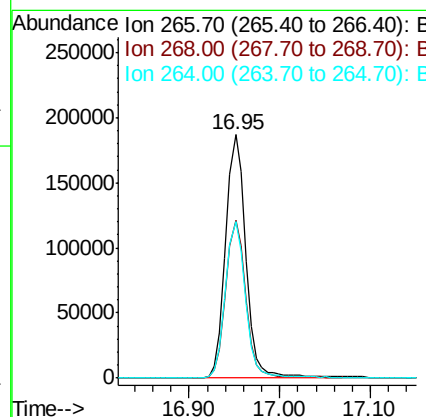
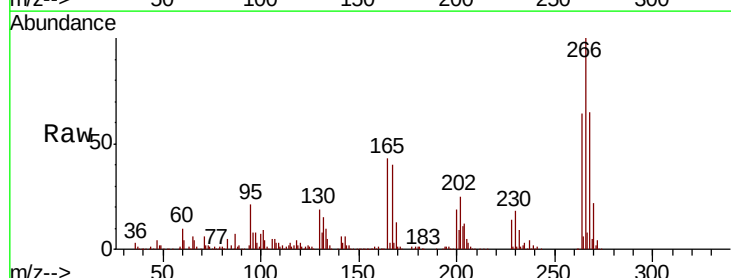
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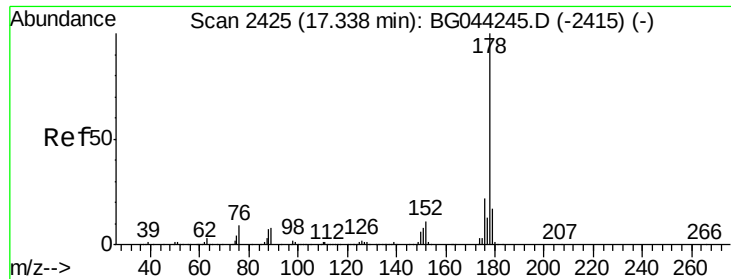
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#70
Pentachlorophenol
Concen: 82.989 ng
RT: 16.95 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





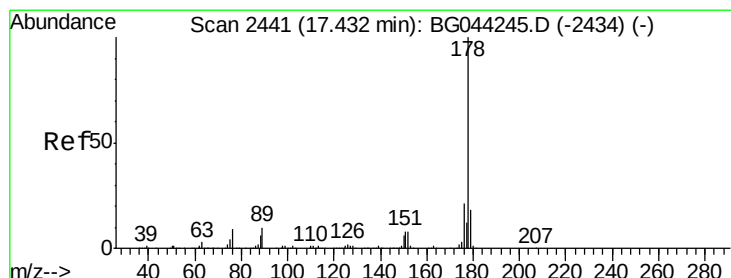
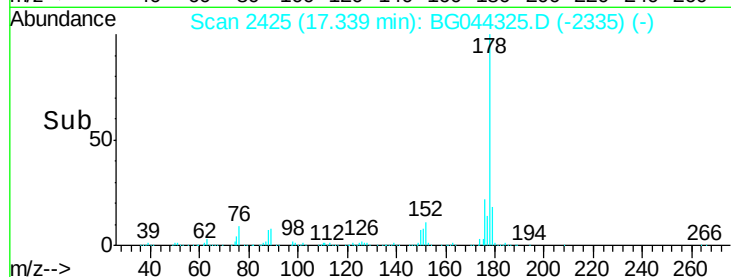
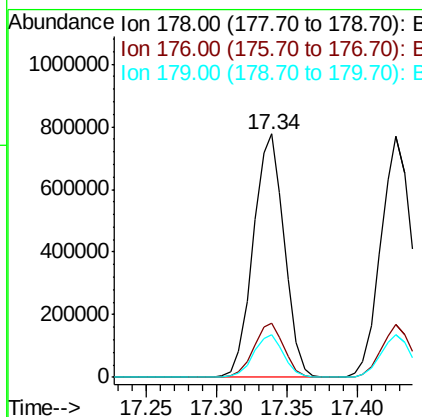
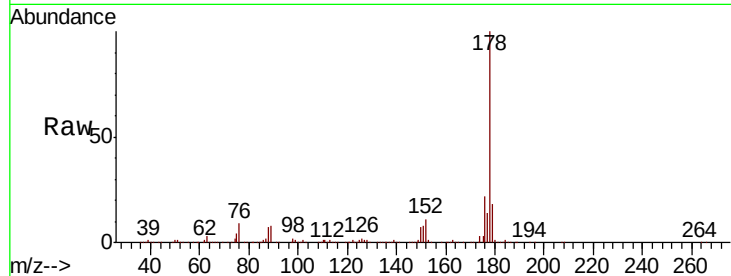
#71
Phenanthrene
Concen: 43.757 ng
RT: 17.34 min Scan# 2425
Delta R.T. 0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

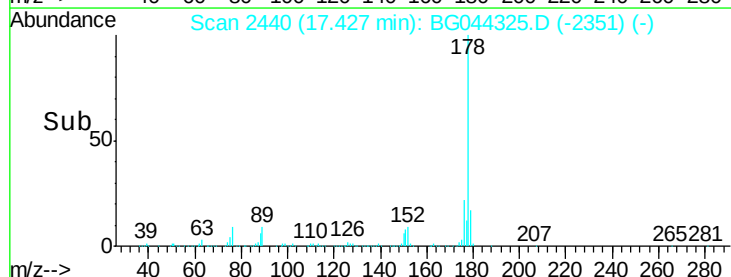
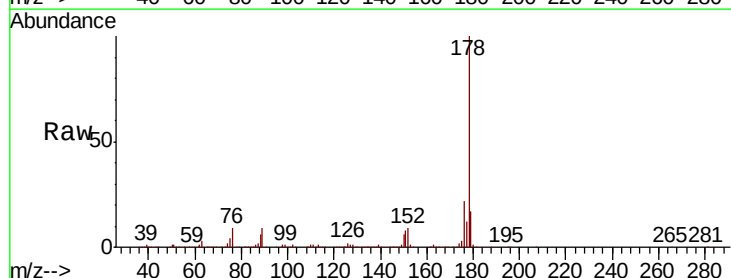
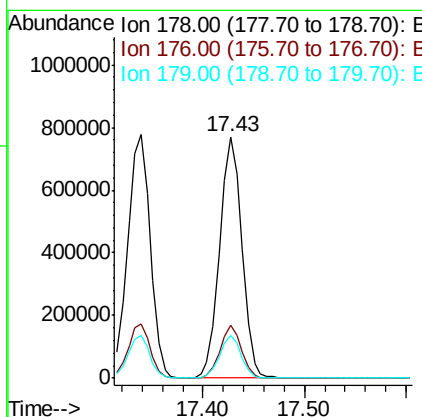
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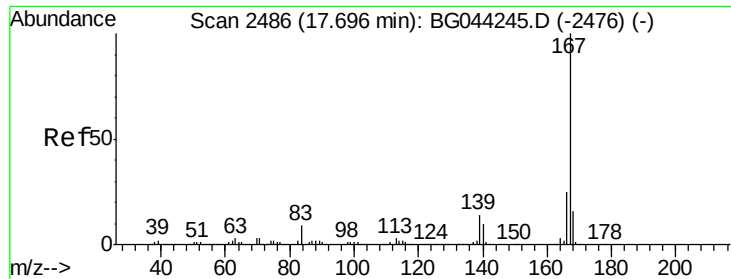
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#72
Anthracene
Concen: 43.324 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





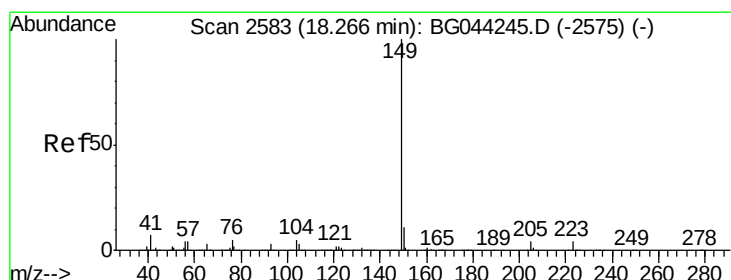
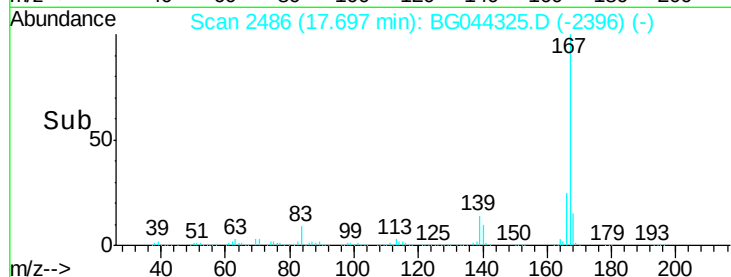
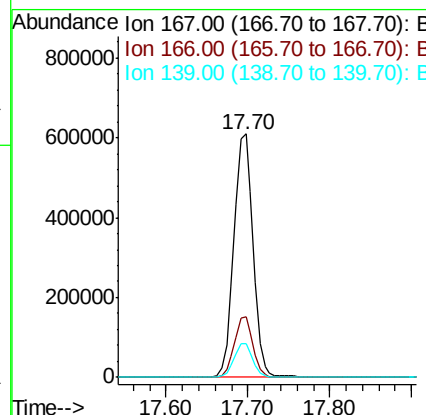
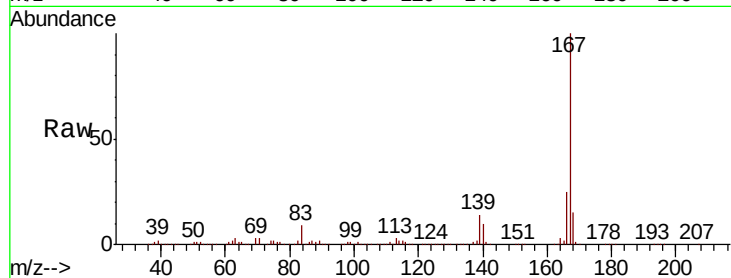
#73
 Carbazole
 Concen: 40.126 ng
 RT: 17.70 min Scan# 2486
 Delta R.T. 0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

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

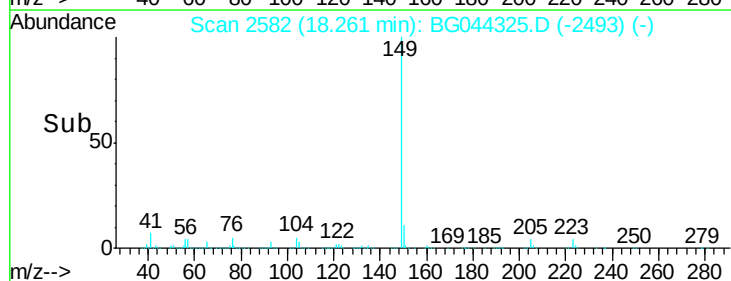
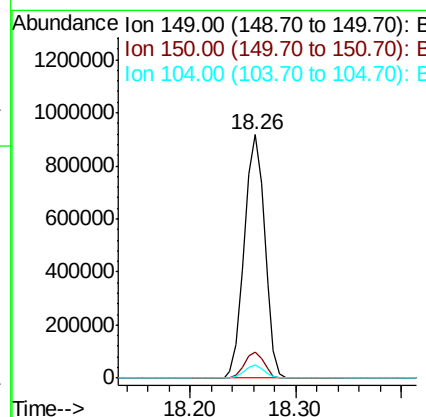
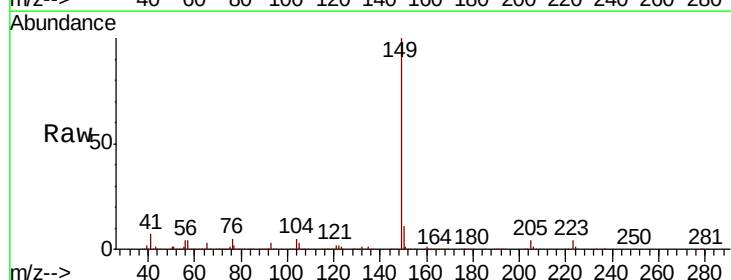
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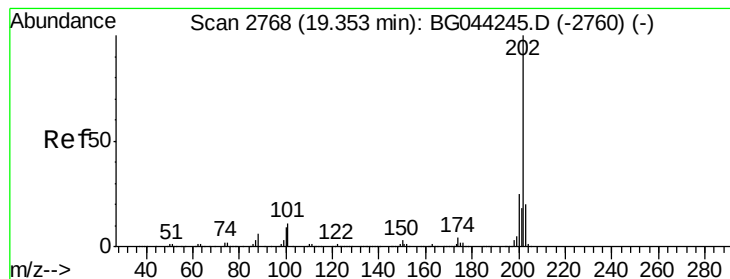
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#74
 Di-n-butylphthalate
 Concen: 39.533 ng
 RT: 18.26 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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





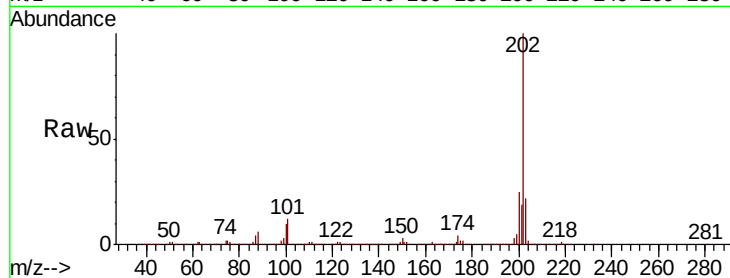
#75
Fluoranthene
Concen: 48.665 ng
RT: 19.35 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

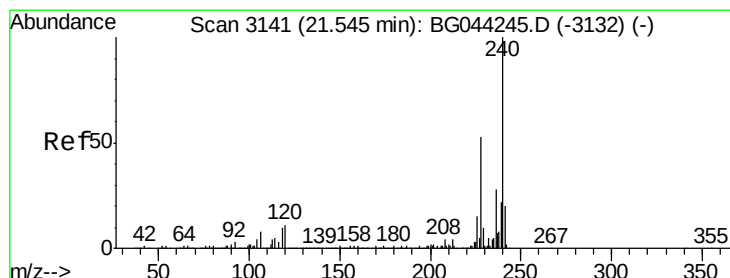
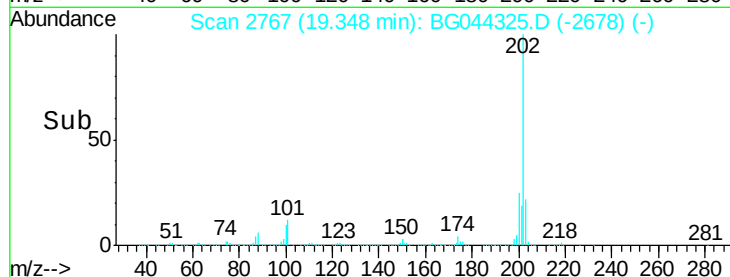
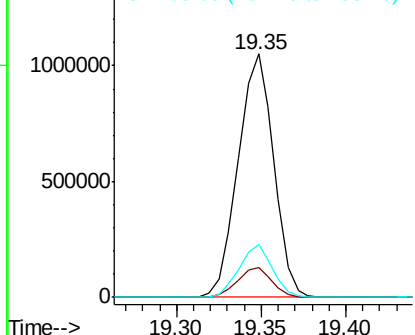
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.3
203	21.5	0.0	39.9

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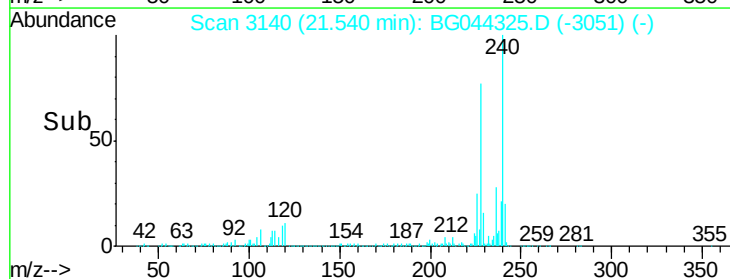
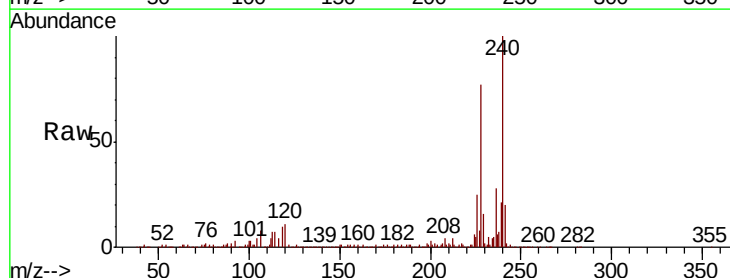
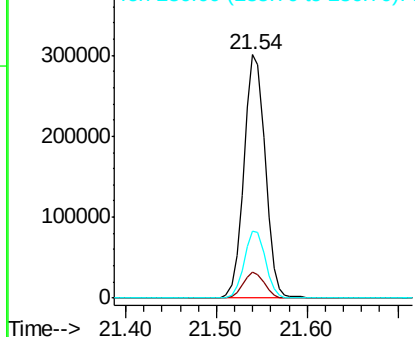
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

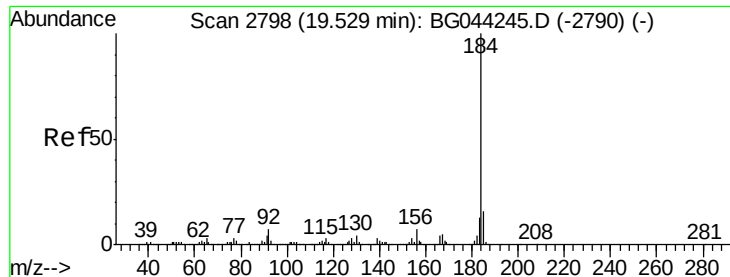


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.54 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt 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

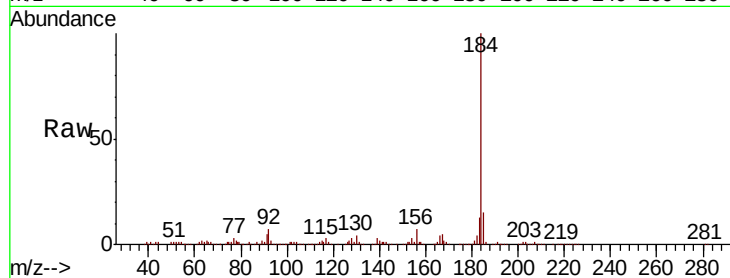
ClientSampleId :

SHORE-RD-PATH-BH-01-BMS

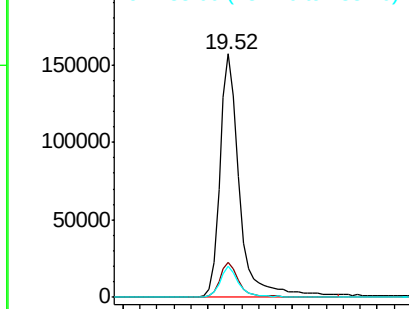
Tot Ion:	184	Resp:	255921
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.9	19.3
183	13.0	10.8	16.2

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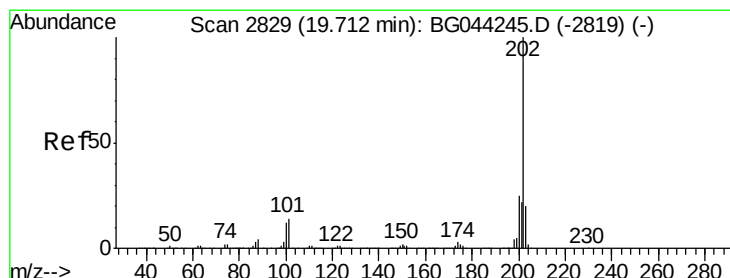
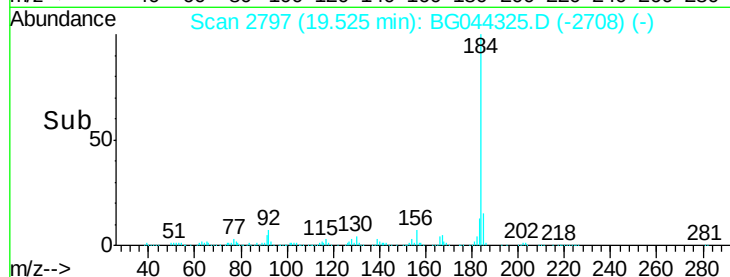
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 19.40 19.50 19.60 19.70



#78

Pyrene

Concen: 49.291 ng

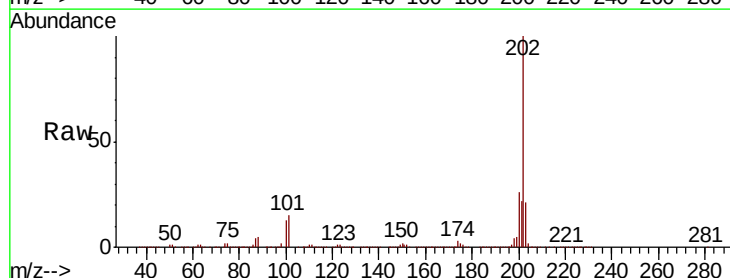
RT: 19.71 min Scan# 2828

Delta R.T. -0.00 min

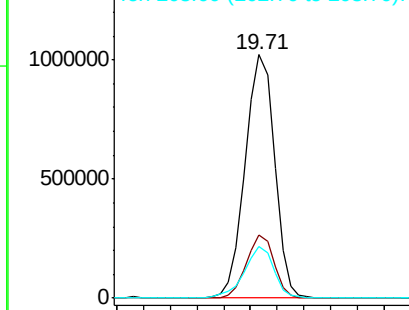
Lab File: BG044325.D

Acq: 6 Feb 2020 16:35

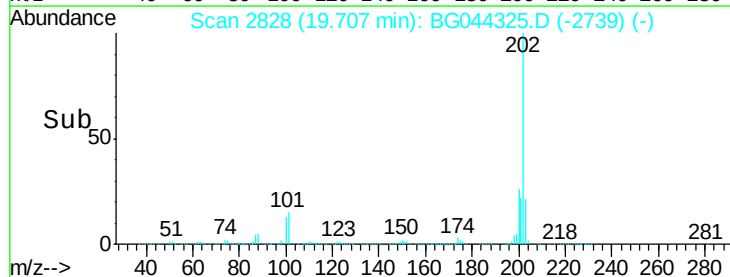
Tgt Ion:	202	Resp:	1551761
Ion Ratio	Lower	Upper	
202	100		
200	25.9	20.0	30.0
203	21.2	16.2	24.2

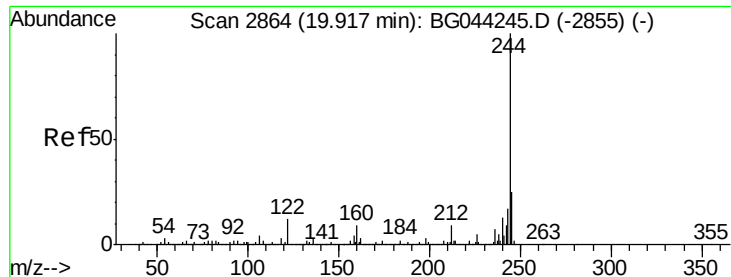


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.60 19.70 19.80





#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

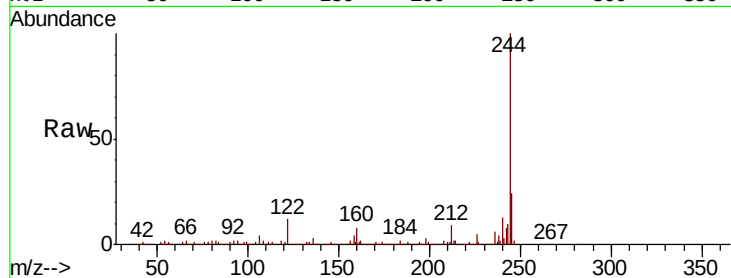
122 11.7 9.8 14.6

Manual Integrations

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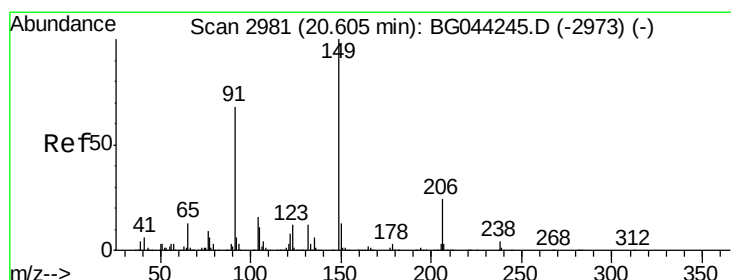
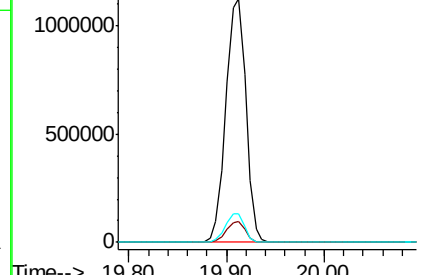
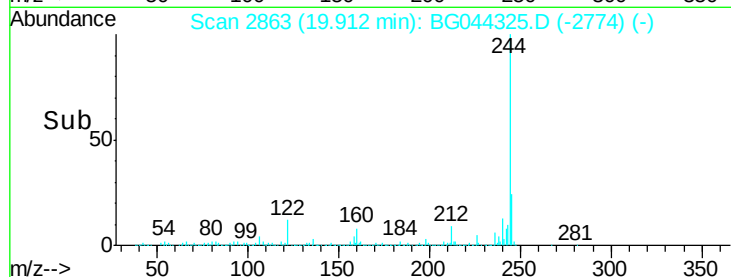
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Abundance Ion 244.00 (243.70 to 244.70): E

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

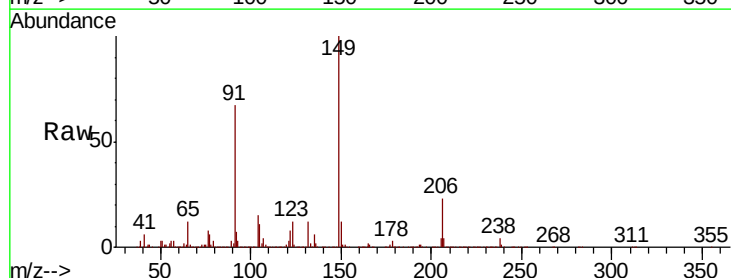
Tgt Ion:149 Resp: 560147

Ion Ratio Lower Upper

149 100

91 67.2 54.5 81.7

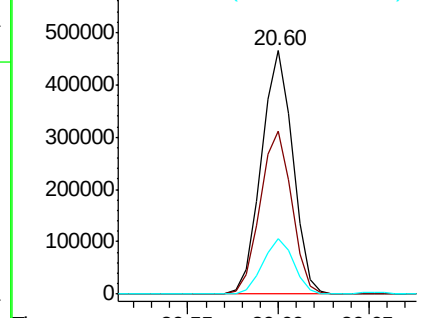
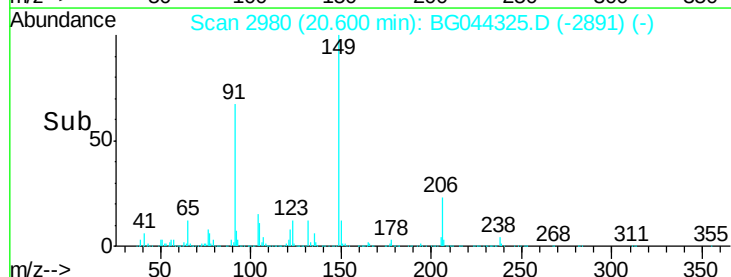
206 23.0 19.1 28.7

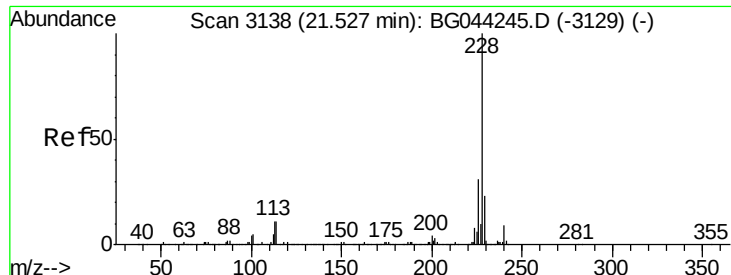


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





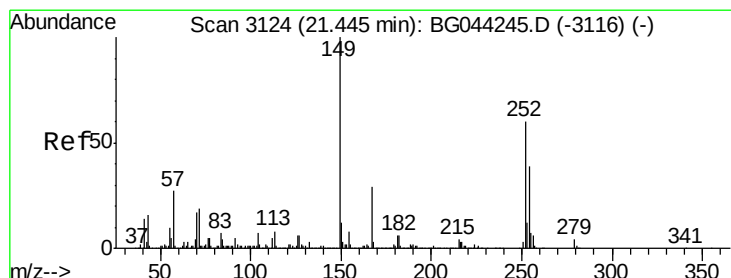
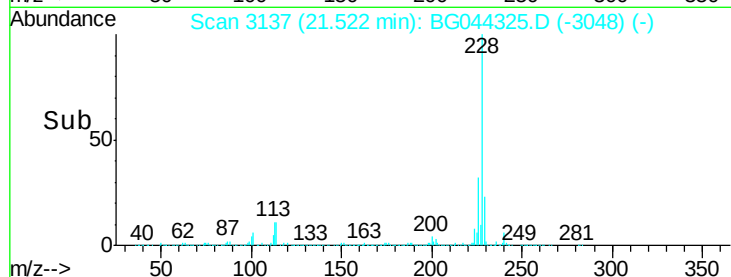
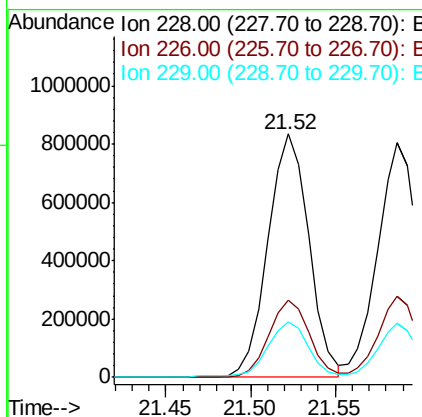
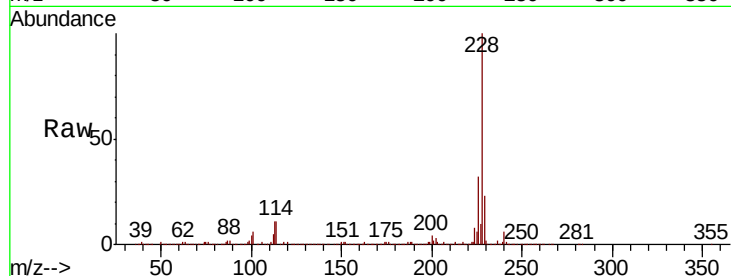
#81
Benzo(a)anthracene
Concen: 46.105 ng
RT: 21.52 min Scan# 3137
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

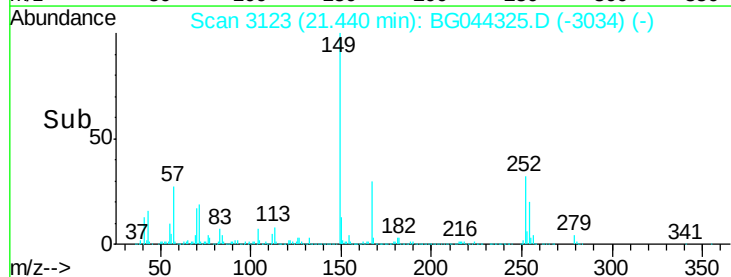
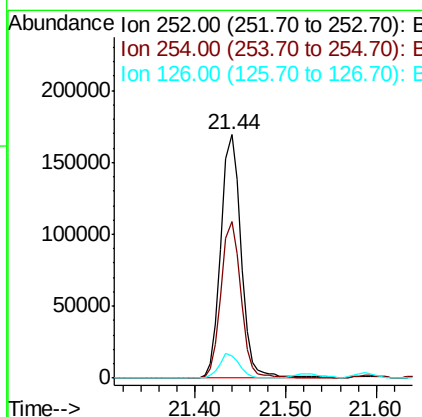
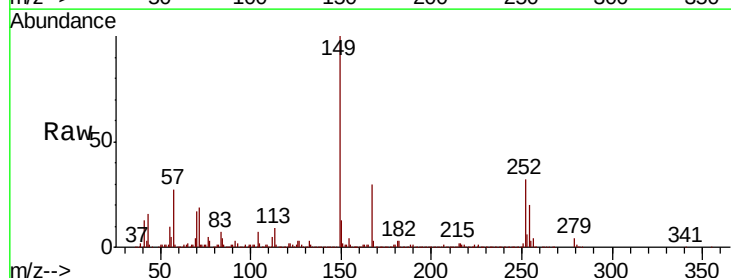
Manual Integrations
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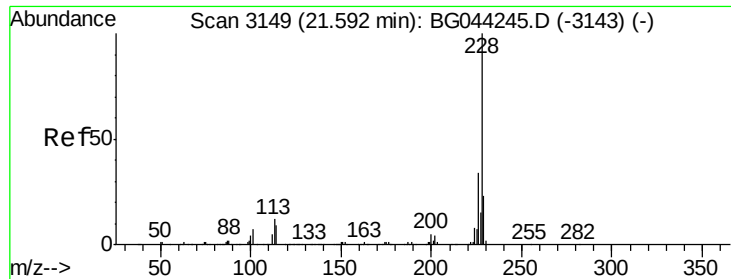
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 22.409 ng
RT: 21.44 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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





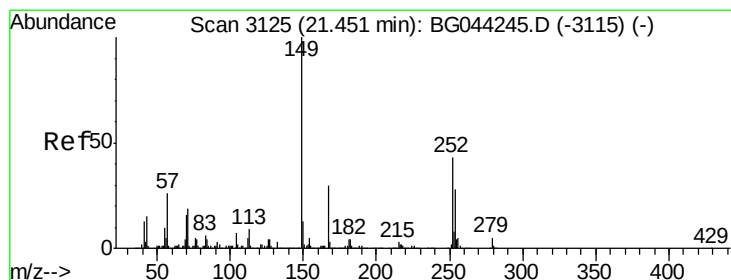
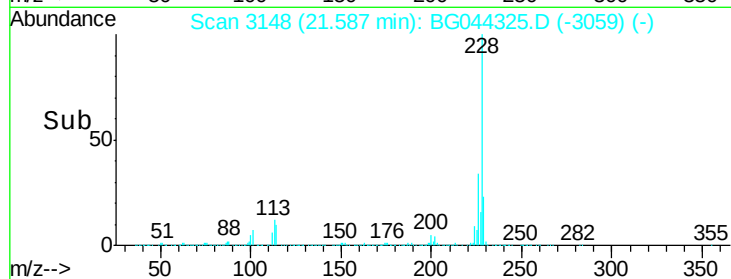
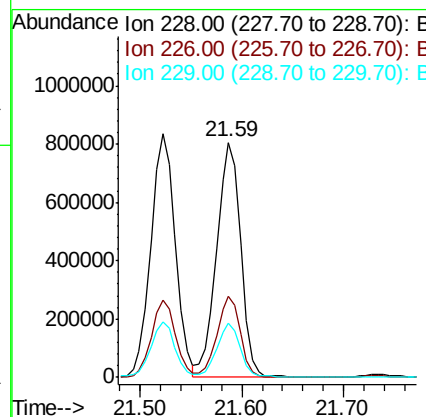
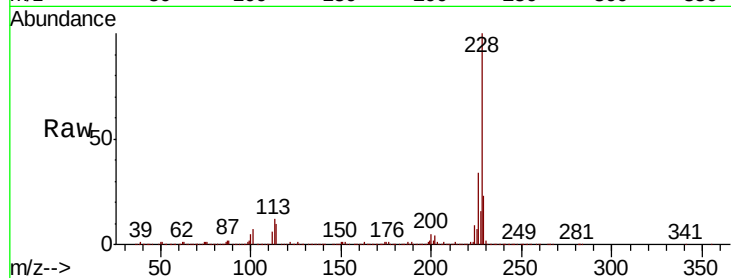
#83
 Chrysene
 Concen: 45.232 ng
 RT: 21.59 min Scan# 3148
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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

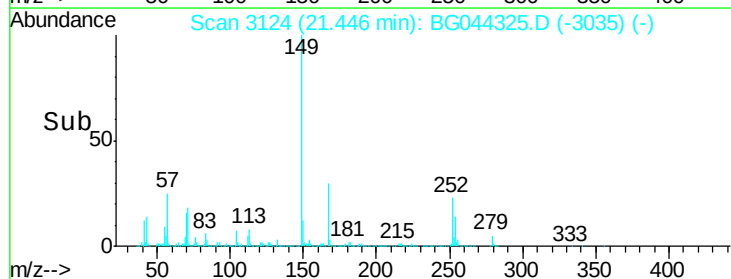
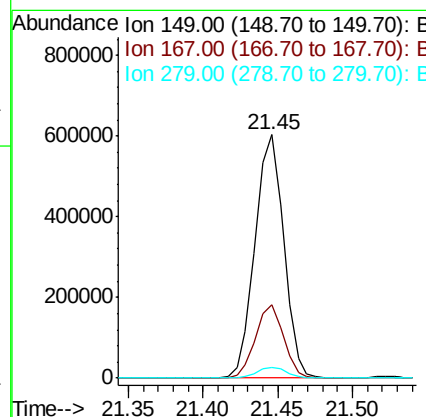
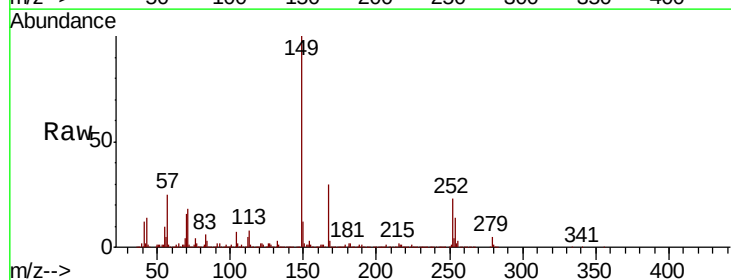
Manual Integrations
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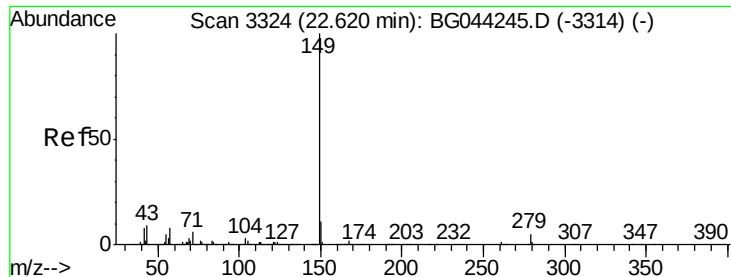
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.435 ng
 RT: 21.45 min Scan# 3124
 Delta R.T. -0.00 min
 Lab File: BG044325.D
 Acq: 6 Feb 2020 16:35

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





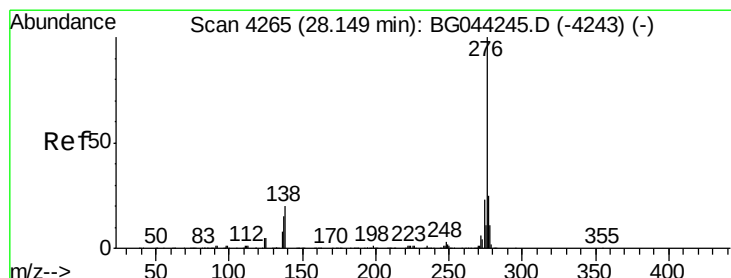
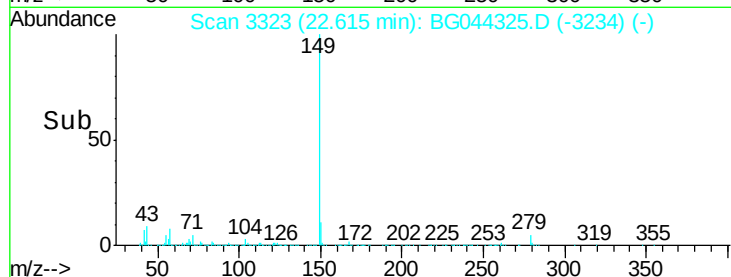
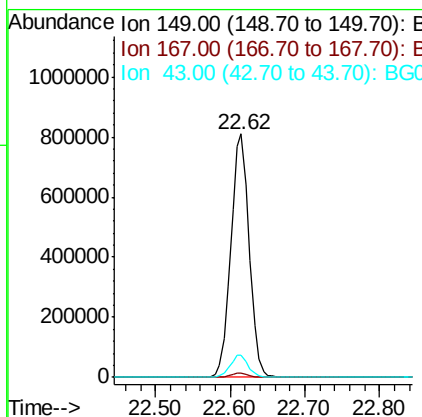
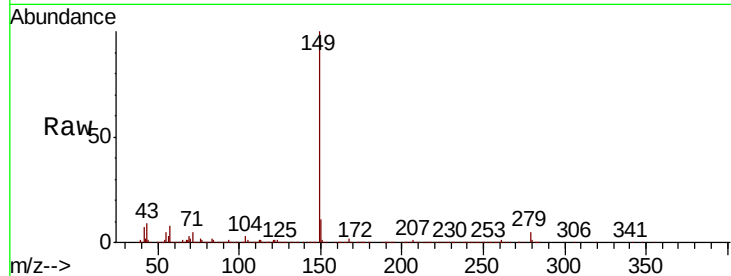
#85
Di-n-octyl phthalate
Concen: 40.616 ng
RT: 22.62 min Scan# 3323
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

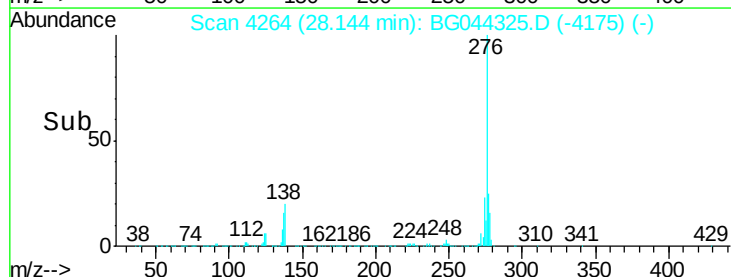
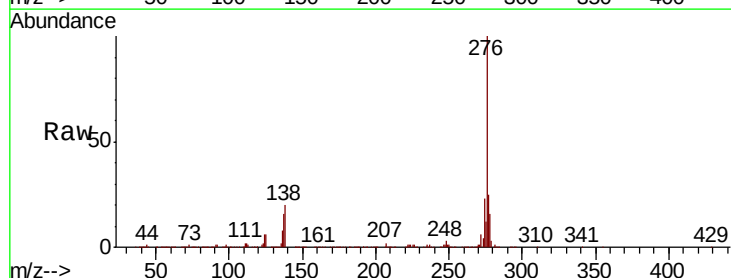
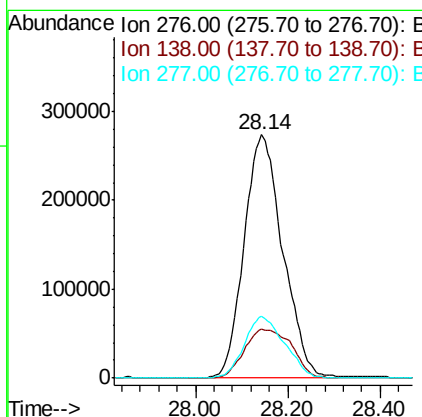
Manual Integrations
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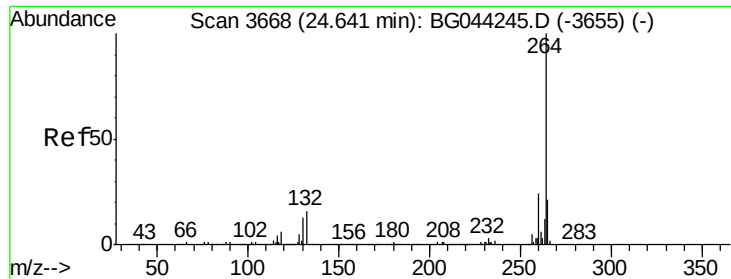
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.694 ng
RT: 28.14 min Scan# 4264
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	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

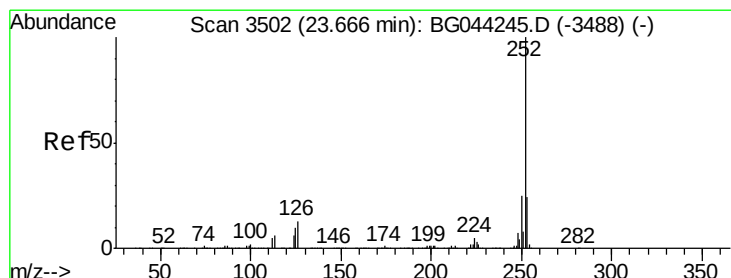
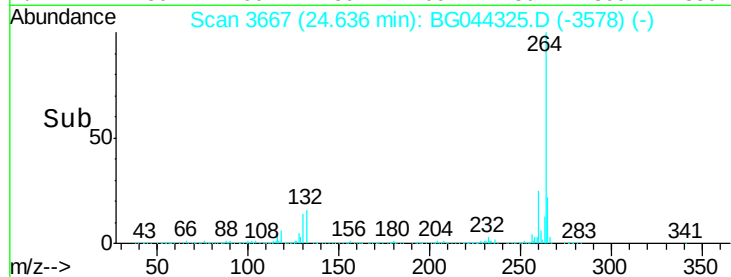
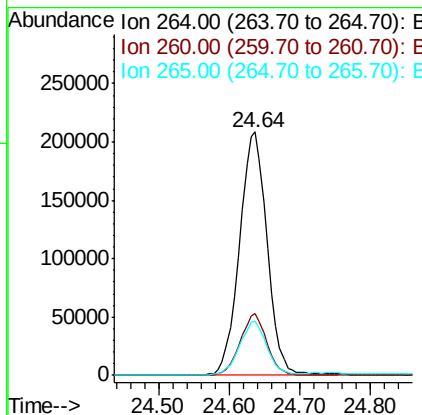
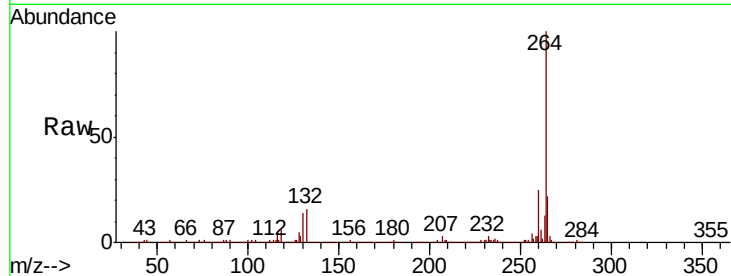
ClientSampleId :

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

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 44.561 ng

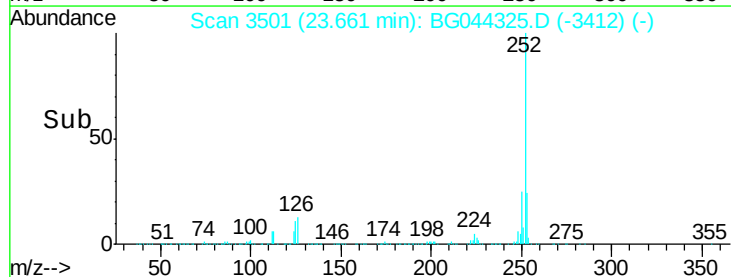
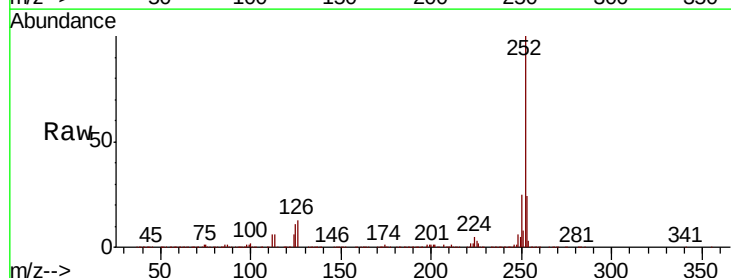
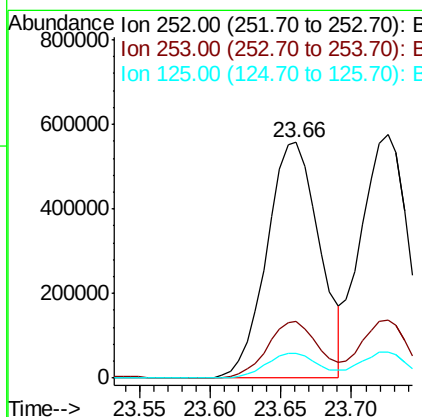
RT: 23.66 min Scan# 3501

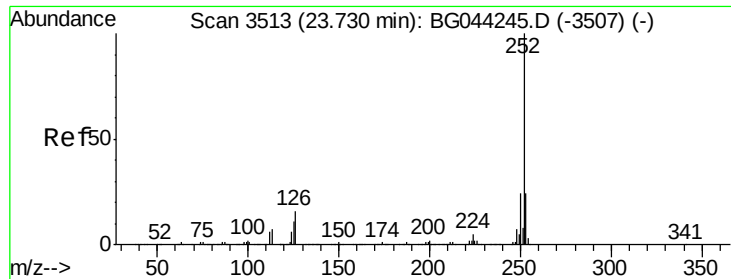
Delta R.T. -0.00 min

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





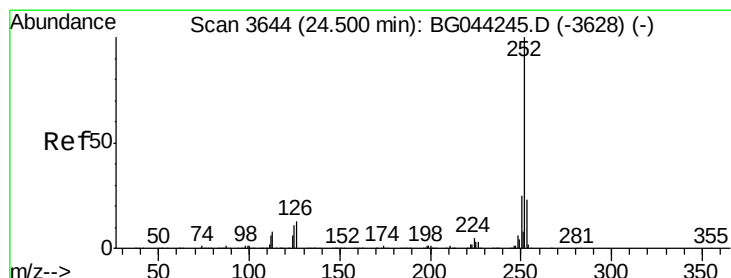
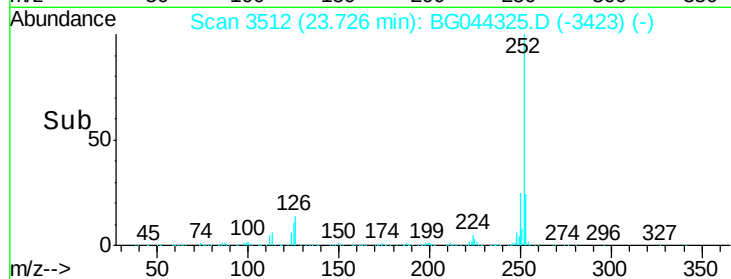
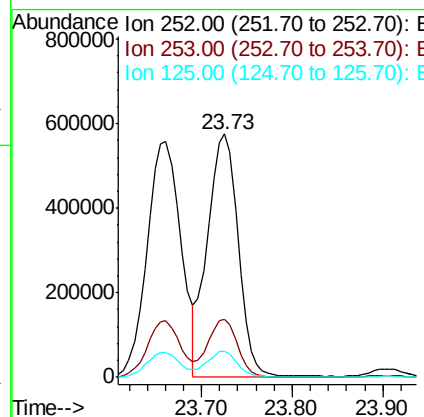
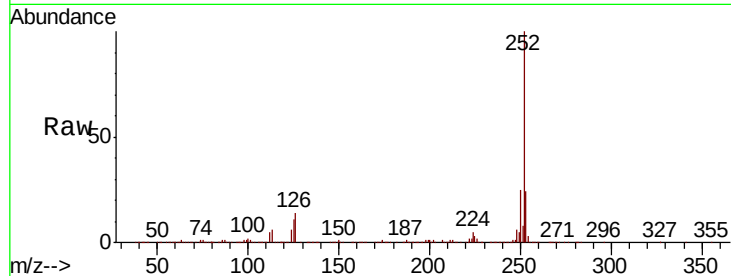
#89
Benzo(k)fluoranthene
Concen: 42.682 ng
RT: 23.73 min Scan# 3512
Delta R.T. -0.00 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.1	28.7
125	10.7	8.6	12.8

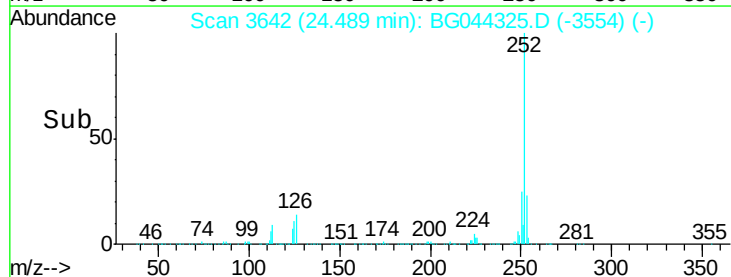
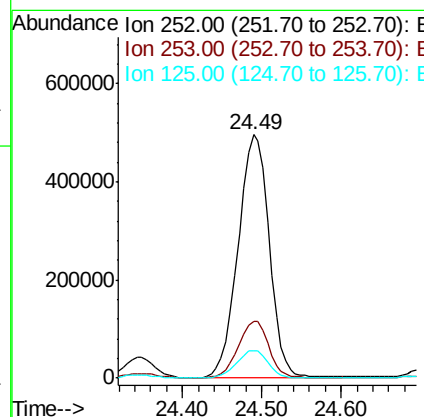
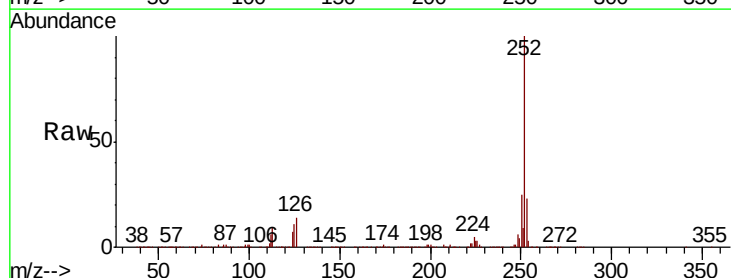
Manual Integrations
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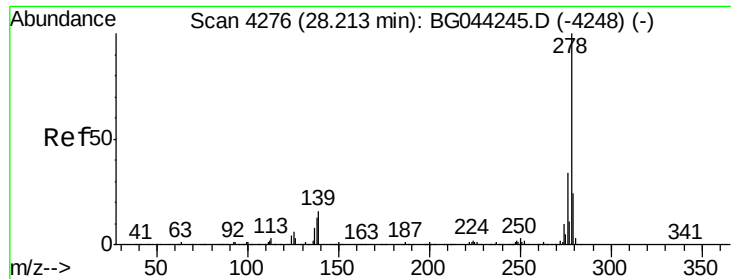
mohammad
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#90
Benzo(a)pyrene
Concen: 43.670 ng
RT: 24.49 min Scan# 3642
Delta R.T. -0.01 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	11.3	8.6	13.0





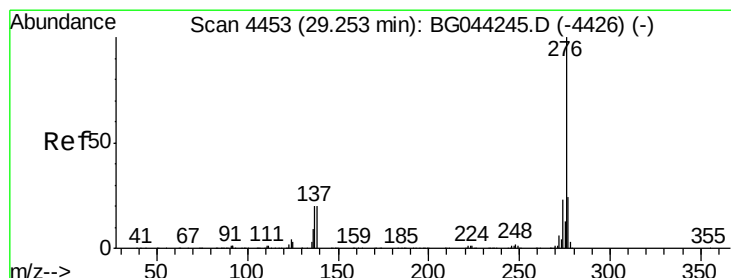
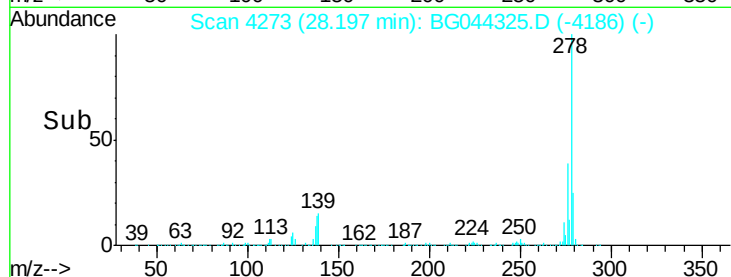
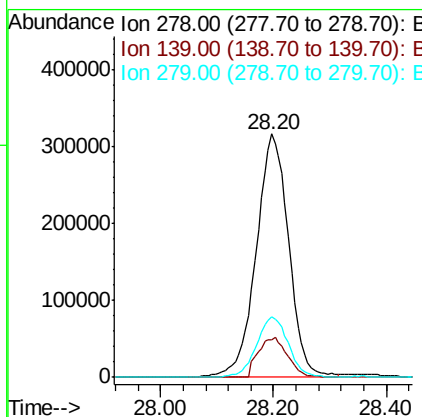
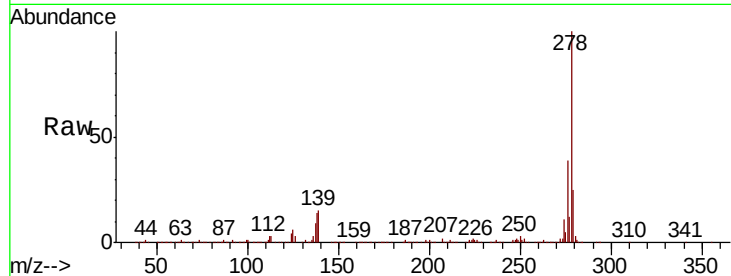
#91
Dibenzo(a,h)anthracene
Concen: 41.068 ng
RT: 28.20 min Scan# 4273
Delta R.T. -0.02 min
Lab File: BG044325.D
Acq: 6 Feb 2020 16:35

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

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

Manual Integrations
APPROVED

mohammad
2/10/2020 8:16:57 AM



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

