

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043440.D
 Acq On : 31 Oct 2019 19:02
 Operator : JU
 Sample : K5587-15MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11MS

Manual Integrations
 APPROVED

mohammad
 11/1/2019 2:05:16 PM

Quant Time: Nov 01 05:14:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	43964	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	167359	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	118757	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	277034	20.00	ng	0.00
76) Chrysene-d12	21.67	240	293955	20.00	ng	0.00
87) Perylene-d12	24.86	264	358036	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	313109	130.51	ng	0.01
7) Phenol-d6	7.21	99	455538	131.97	ng	0.01
23) Nitrobenzene-d5	9.19	82	273205	84.16	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	264159	116.89	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	686644	79.89	ng	0.00
79) Terphenyl-d14	20.00	244	1252261	79.92	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.49	88	37704	40.327	ng	94
3) Pyridine	3.89	79	90949	38.563	ng	98
4) n-Nitrosodimethylamine	3.81	42	56404	47.395	ng	83
6) Aniline	7.35	93	135212	34.003	ng	96
8) 2-Chlorophenol	7.60	128	128376	48.472	ng	98
9) Benzaldehyde	7.16	77	67129	39.571	ng	94
10) Phenol	7.24	94	166085	52.653	ng	94
11) bis(2-Chloroethyl)ether	7.44	93	104355	42.791	ng	98
12) 1,3-Dichlorobenzene	7.91	146	141012	42.496	ng	98
13) 1,4-Dichlorobenzene	8.06	146	145654	43.385	ng	98
14) 1,2-Dichlorobenzene	8.38	146	137102	41.825	ng	97
15) Benzyl Alcohol	8.26	79	113320	46.744	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	144721	40.811	ng	95
17) 2-Methylphenol	8.48	107	106159	46.166	ng	99
18) Hexachloroethane	9.11	117	50265	41.498	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	93979	42.133	ng	96
20) 3+4-Methylphenols	8.81	107	145642	46.189	ng	88
22) Acetophenone	8.85	105	183876	42.903	ng	# 98
24) Nitrobenzene	9.23	77	147037	47.548	ng	99
25) Isophorone	9.75	82	265641	44.758	ng	98
26) 2-Nitrophenol	9.94	139	72781	48.749	ng	96
27) 2,4-Dimethylphenol	10.01	122	119618	55.901	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	143302	43.748	ng	97
29) 2,4-Dichlorophenol	10.49	162	134784	49.161	ng	88
30) 1,2,4-Trichlorobenzene	10.69	180	153597	44.449	ng	99
31) Naphthalene	10.88	128	396650	46.692	ng	99
32) Benzoic acid	10.19	122	62059	39.871	ng	94
33) 4-Chloroaniline	11.00	127	72575	20.842	ng	98
34) Hexachlorobutadiene	11.16	225	107598	42.122	ng	89
35) Caprolactam	11.76	113	41232m	43.666	ng	
36) 4-Chloro-3-methylphenol	12.13	107	142045	47.497	ng	96
37) 2-Methylnaphthalene	12.48	142	300411	46.089	ng	98
38) 1-Methylnaphthalene	12.70	142	282589	45.566	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	195844	44.560	ng	97

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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	227418	98.504	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	125857	48.626	nq	99
44) 2,4,5-Trichlorophenol	13.18	196	136455	52.148	nq	97
46) 1,1'-Biphenyl	13.48	154	396304	43.866	nq	97
47) 2-Chloronaphthalene	13.53	162	306497	44.588	nq	98
48) 2-Nitroaniline	13.73	65	92472	45.010	nq	96
49) Acenaphthylene	14.38	152	505014	47.205	nq	100
50) Dimethylphthalate	14.11	163	507946	55.220	nq	99
51) 2,6-Dinitrotoluene	14.22	165	93527	46.802	nq	99
52) Acenaphthene	14.72	154	298027	45.680	nq	98
53) 3-Nitroaniline	14.56	138	52571	27.248	nq	# 98
54) 2,4-Dinitrophenol	14.77	184	100325	80.360	nq	95
55) Dibenzofuran	15.05	168	487014	46.031	nq	99
56) 4-Nitrophenol	14.89	139	133995	103.636	nq	92
57) 2,4-Dinitrotoluene	15.02	165	130454	45.679	nq	96
58) Fluorene	15.70	166	407530	45.925	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	136642	49.150	nq	# 100
60) Diethylphthalate	15.46	149	403339	43.639	nq	98
61) 4-Chlorophenyl-phenylether	15.69	204	232989	45.007	nq	96
62) 4-Nitroaniline	15.73	138	84610	42.463	nq	97
63) Azobenzene	15.98	77	339184	45.344	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	80672	49.481	nq	96
66) n-Nitrosodiphenylamine	15.90	169	360207	46.054	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	166449	44.645	nq	98
68) Hexachlorobenzene	16.71	284	186928	43.679	nq	97
69) Atrazine	16.85	200	156272	57.500	nq	98
70) Pentachlorophenol	17.05	266	206450	105.870	nq	97
71) Phenanthrene	17.44	178	647594	45.649	nq	99
72) Anthracene	17.53	178	669624	47.178	nq	99
73) Carbazole	17.80	167	600304	46.704	nq	99
74) Di-n-butylphthalate	18.35	149	700807	44.936	nq	99
75) Fluoranthene	19.45	202	857970	46.391	nq	98
77) Benzidine	19.63	184	404533	68.380	nq	99
78) Pyrene	19.81	202	870088	47.819	nq	99
80) Butylbenzylphthalate	20.69	149	326175	47.316	nq	94
81) Benzo(a)anthracene	21.64	228	894180	48.562	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	229572	32.235	nq	98
83) Chrysene	21.71	228	865404	47.303	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	469829	47.979	nq	98
85) Di-n-octyl phthalate	22.75	149	813108	48.943	nq	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1156023	50.339	nq	# 96
88) Benzo(b)fluoranthene	23.85	252	958731	47.279	nq	97
89) Benzo(k)fluoranthene	23.92	252	970821	47.557	nq	98
90) Benzo(a)pyrene	24.72	252	887910	45.854	nq	99
91) Dibenzo(a,h)anthracene	28.57	278	966581	48.801	nq	99
92) Benzo(g,h,i)perylene	29.65	276	970190	49.659	nq	98

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



#1

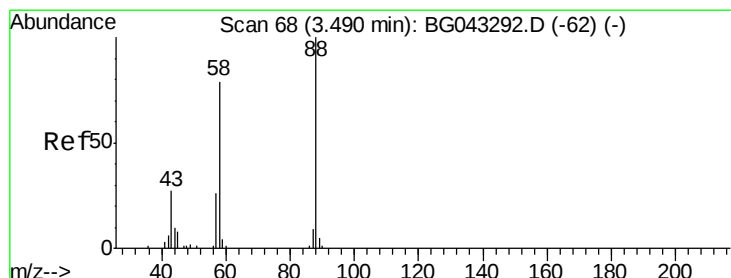
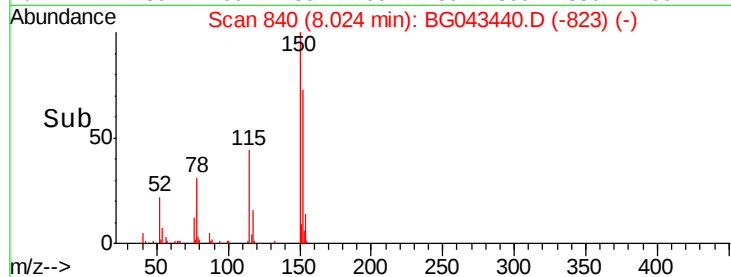
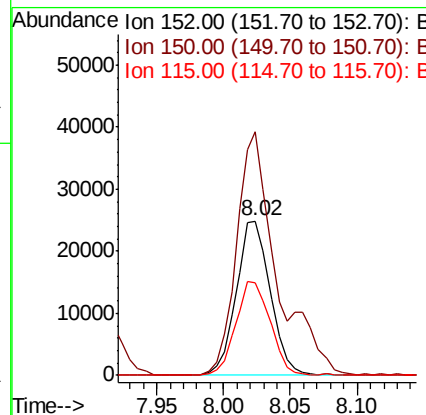
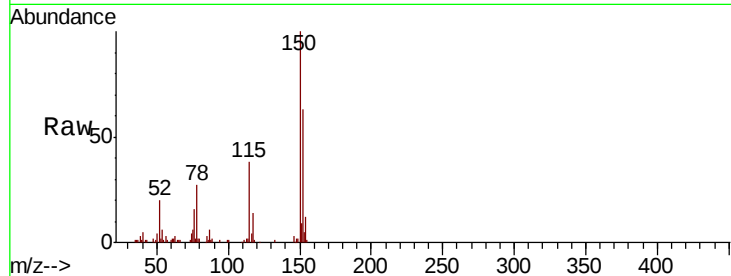
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	113.6	170.4
115	59.7	45.9	68.9

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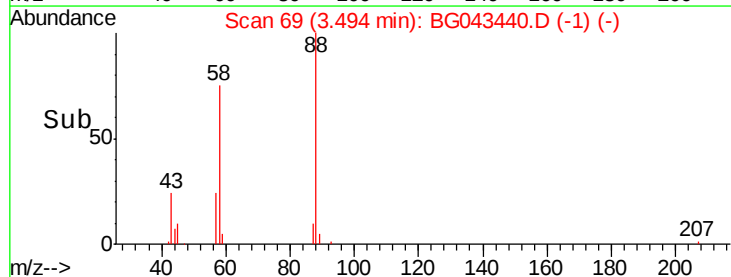
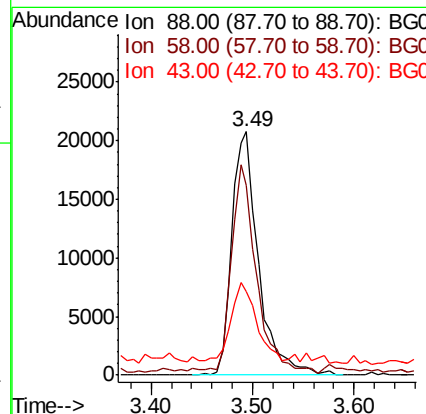
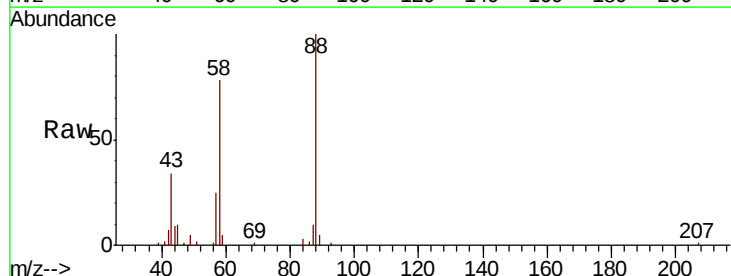
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#2

1,4-Dioxane
Concen: 40.327 ng
RT: 3.49 min Scan# 69
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	60.2	90.2
43	29.7	22.7	34.1





#3

Pvridine

Concen: 38.563 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

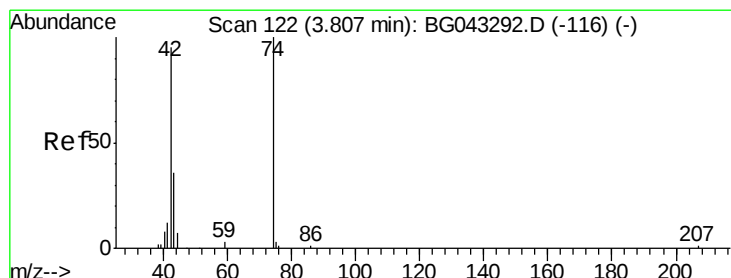
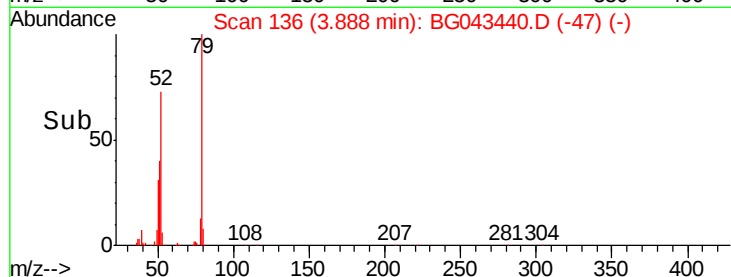
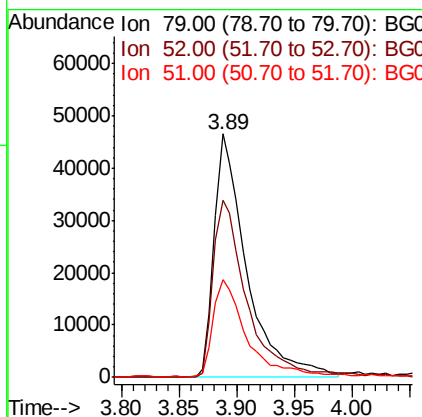
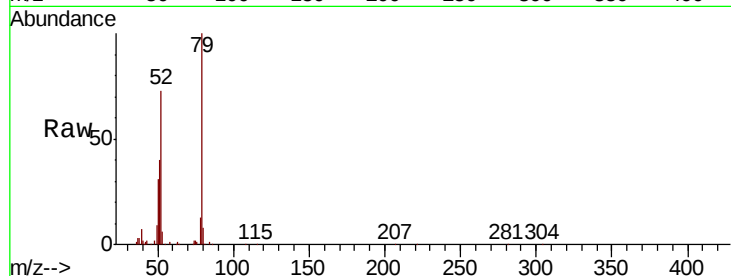
ClientSampleId :

CSA-2-1-11MS

Tot Ion:	79	Resp:	90949
Ion	Ratio	Lower	Upper
79	100		
52	72.8	59.7	89.5
51	40.2	31.8	47.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 47.395 ng

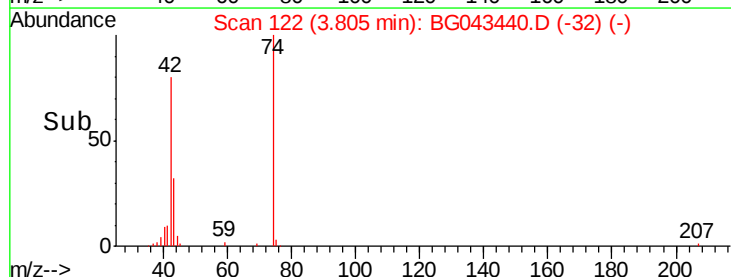
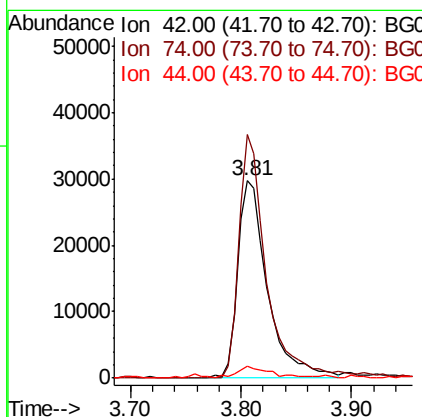
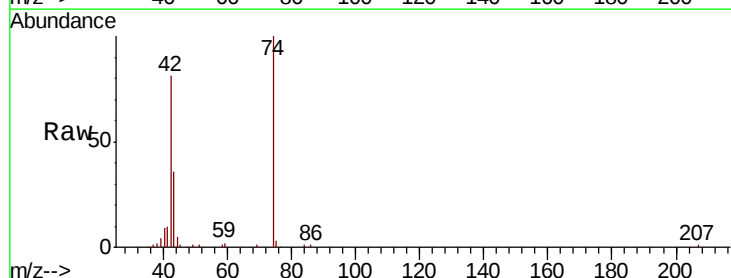
RT: 3.81 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	42	Resp:	56404
Ion	Ratio	Lower	Upper
42	100		
74	123.5	84.2	126.2
44	6.1	6.0	9.0





#5

2-Fluorophenol

Concen: 130.506 ng

RT: 5.62 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

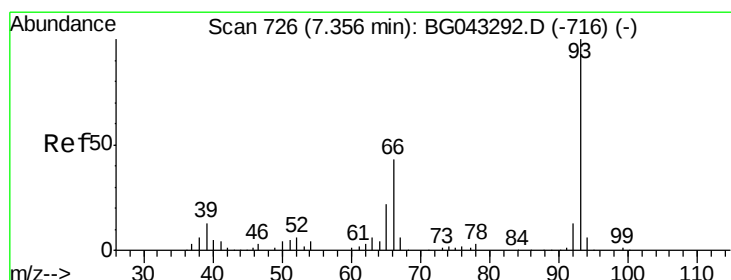
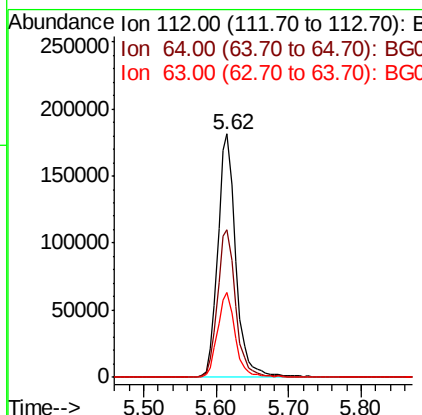
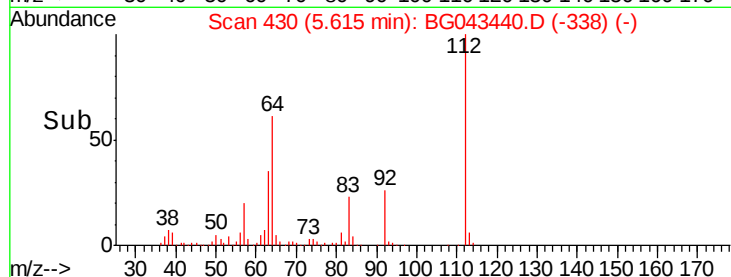
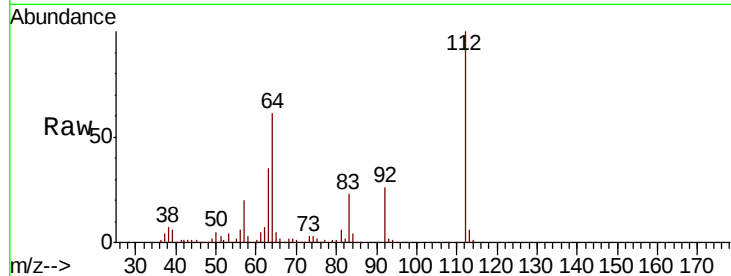
ClientSampleId :

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Tot Ion:	112	Resp:	313109
Ion Ratio	Lower	Upper	
112	100		
64	60.8	50.2	75.2
63	34.7	26.7	40.1

Manual Integrations
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#6

Aniline

Concen: 34.003 ng

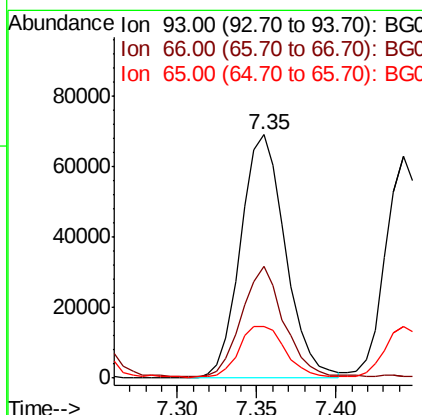
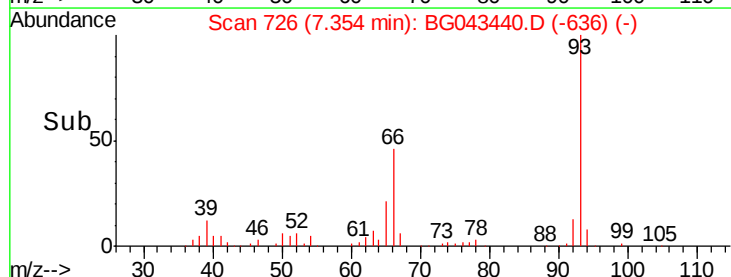
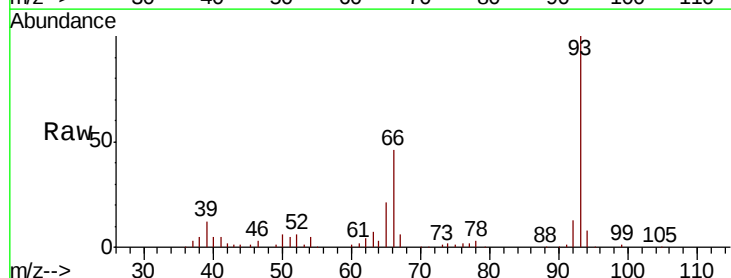
RT: 7.35 min Scan# 726

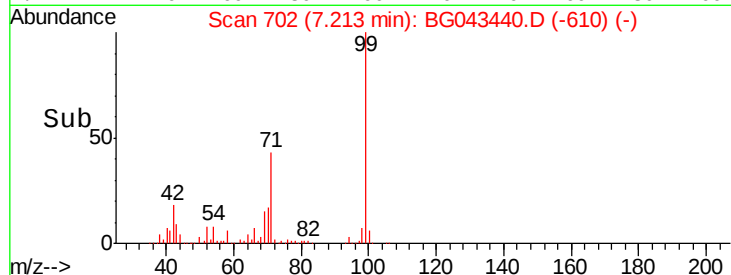
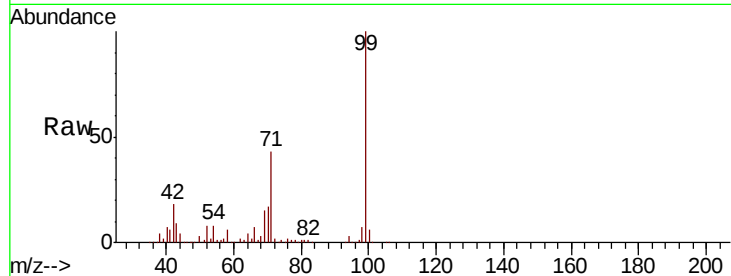
Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	93	Resp:	135212
Ion Ratio	Lower	Upper	
93	100		
66	46.1	34.5	51.7
65	21.0	18.0	27.0





#7

Phenol-d6

Concen: 131.968 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043440.D

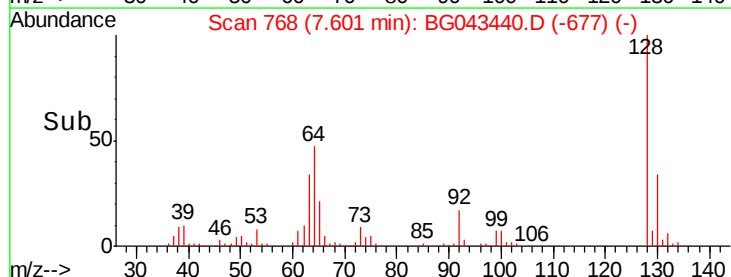
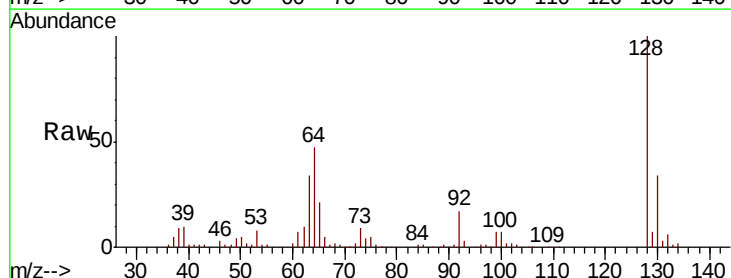
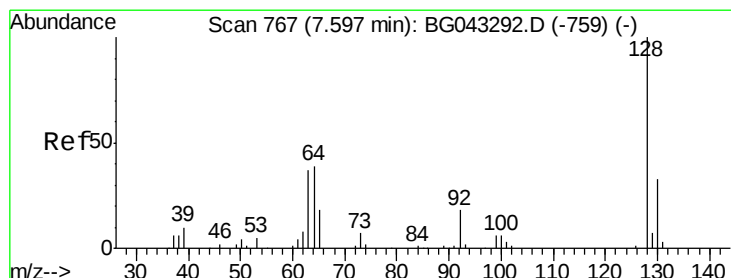
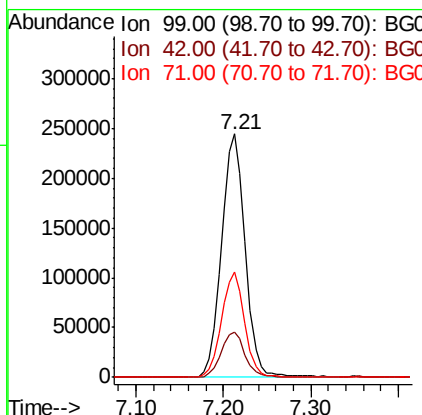
Acq: 31 Oct 2019 19:02

Tot Ion	Ratio	Resp	Lower	Upper
99	100	45538		
42	18.3		14.9	22.3
71	43.3		32.2	48.2

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#8

2-Chlorophenol

Concen: 48.472 ng

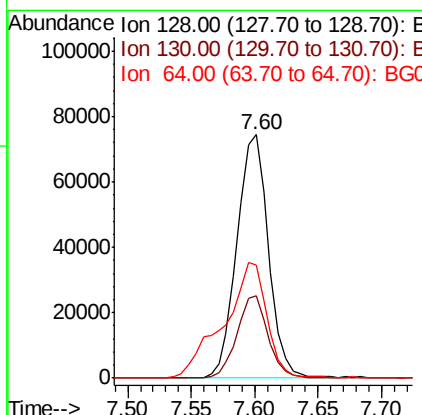
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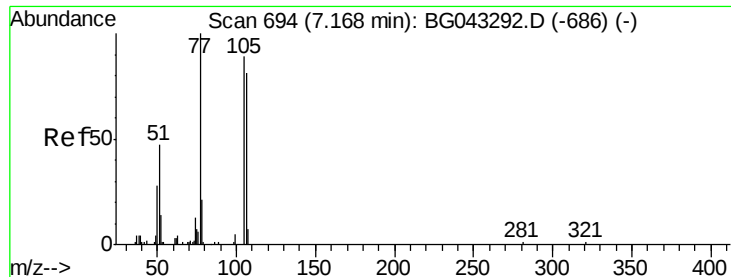
Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	128376		
130	33.6		12.9	52.9
64	46.6		24.9	64.9





#9

Benzaldehyde

Concen: 39.571 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

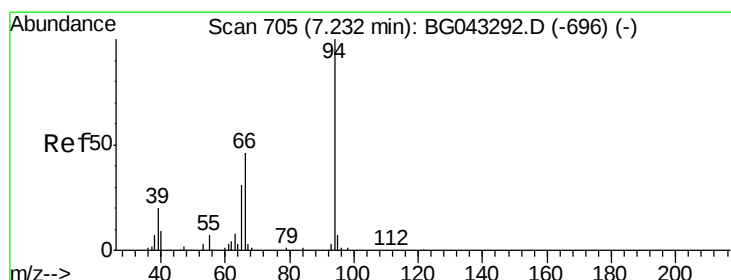
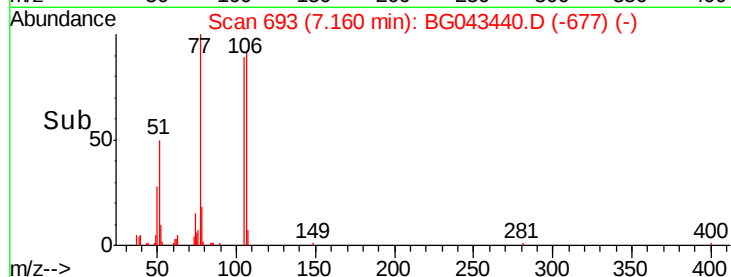
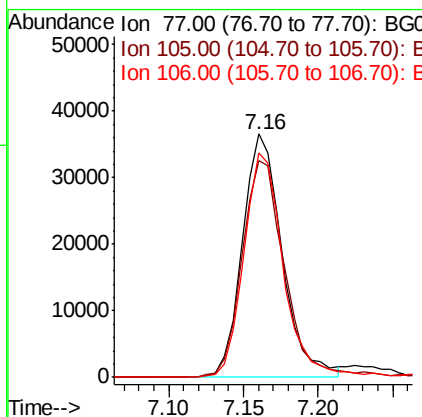
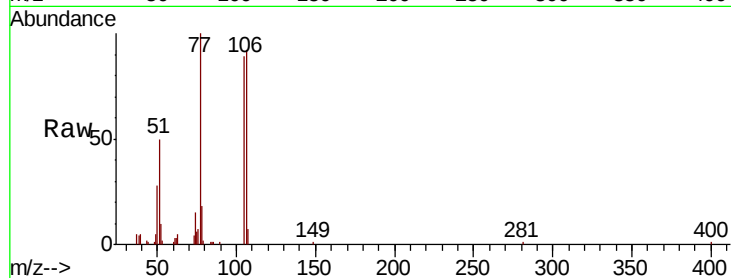
ClientSampleId :

CSA-2-1-11MS

Tot Ion:	77	Resp:	67129
Ion	Ratio	Lower	Upper
77	100		
105	89.0	68.7	108.7
106	92.0	60.5	100.5

Manual Integrations
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#10

Phenol

Concen: 52.653 ng

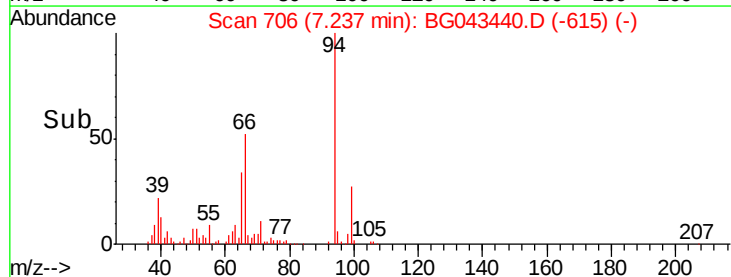
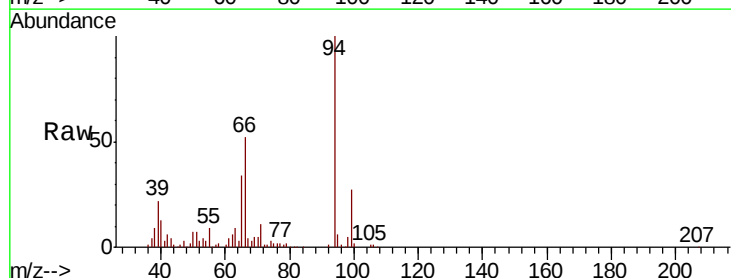
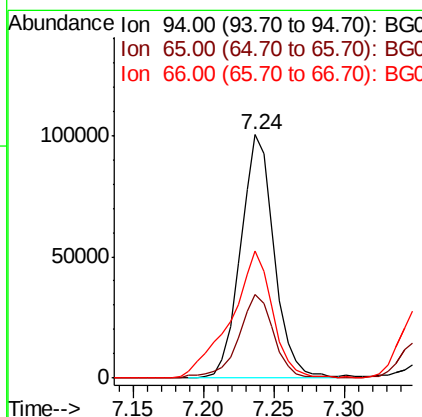
RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	94	Resp:	166085
Ion	Ratio	Lower	Upper
94	100		
65	34.1	11.1	51.1
66	52.4	27.8	67.8





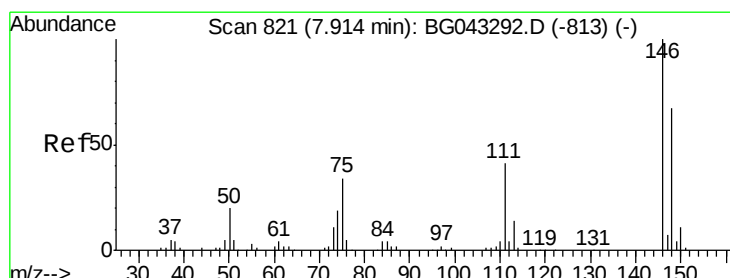
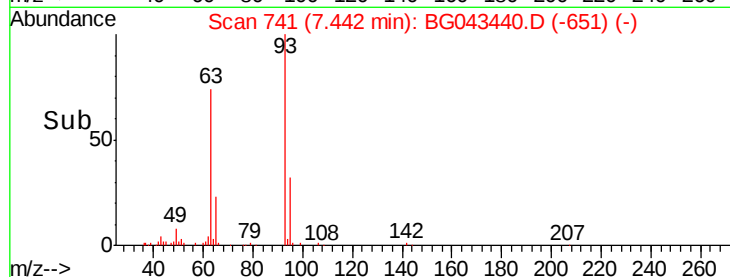
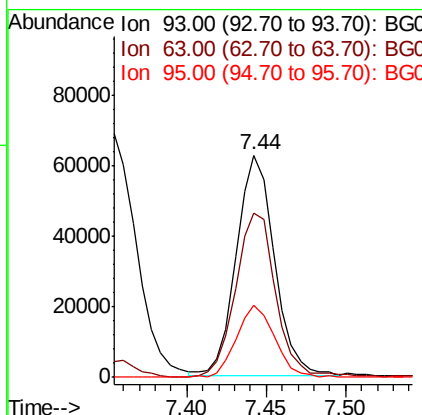
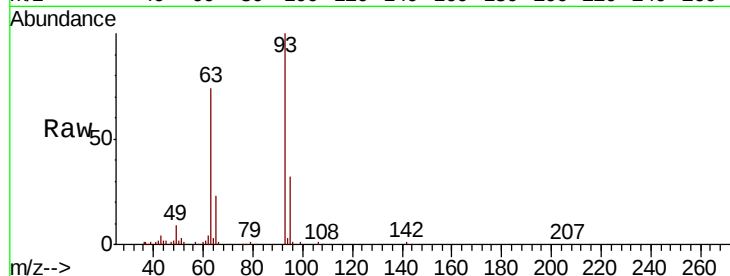
#11
bis(2-Chloroethyl)ether
Concen: 42.791 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	93	Resp	104355
Ion	Ratio	Lower	Upper
93	100		
63	73.8	54.6	94.6
95	32.3	9.7	49.7

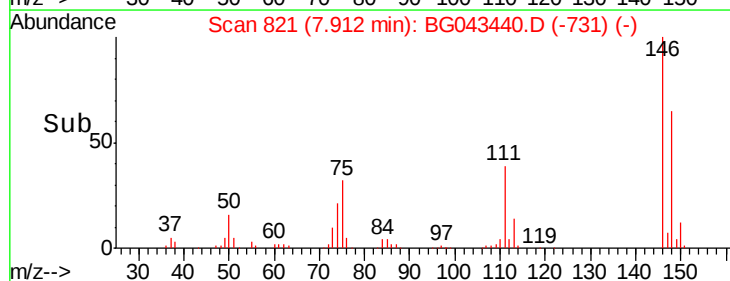
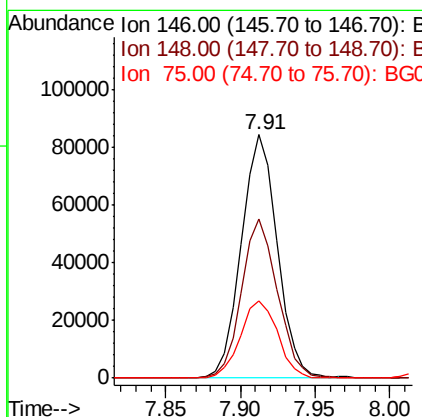
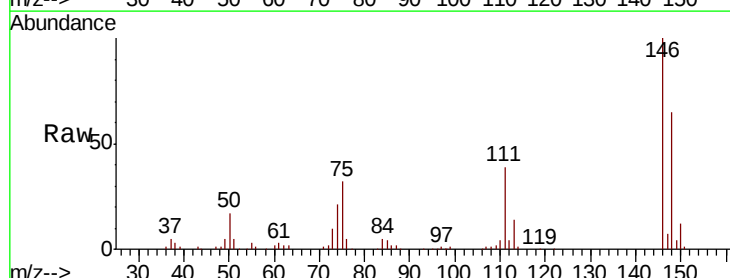
Manual Integrations
APPROVED

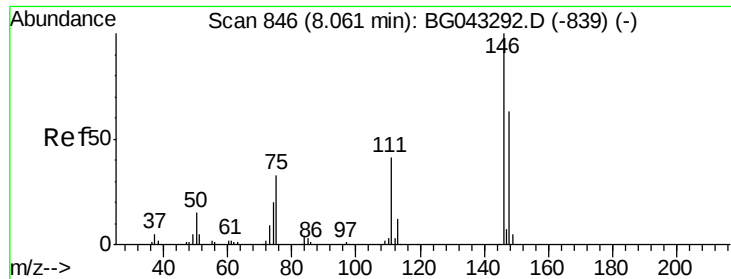
mohammad
11/1/2019 2:05:16 PM



#12
1,3-Dichlorobenzene
Concen: 42.496 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	146	Resp	141012
Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.2
75	31.6	27.0	40.4





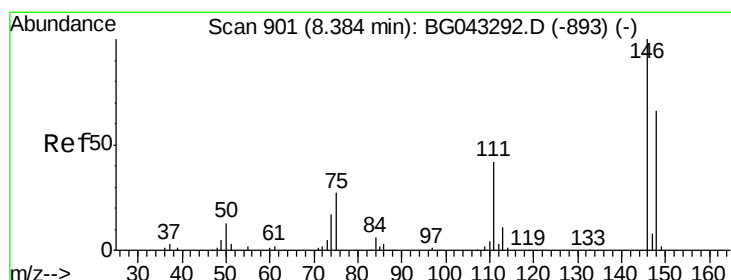
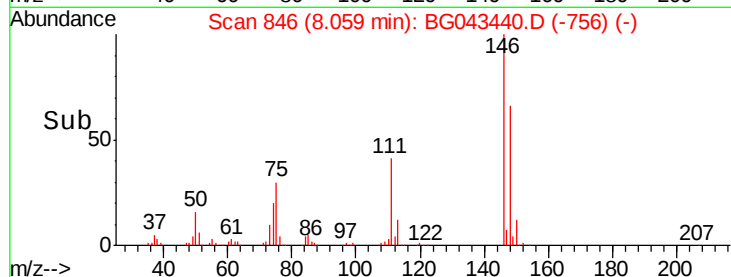
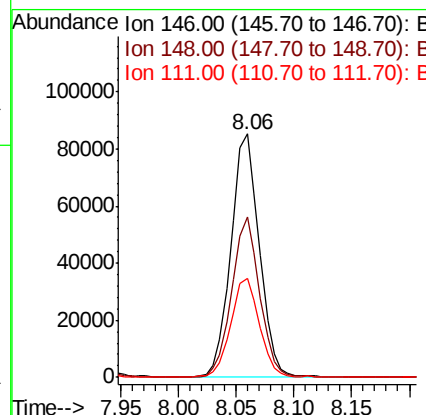
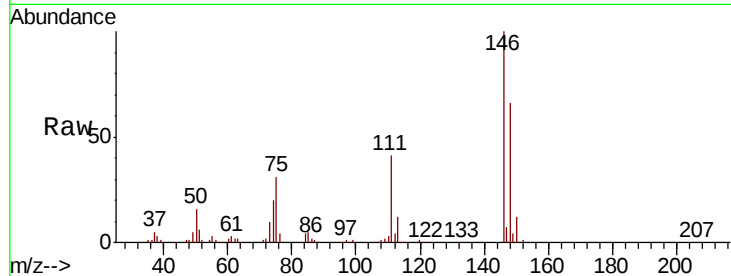
#13
 1,4-Dichlorobenzene
 Concen: 43.385 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.8	50.7	76.1
111	40.8	33.0	49.6

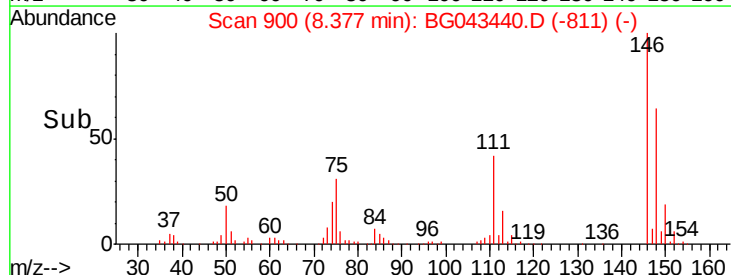
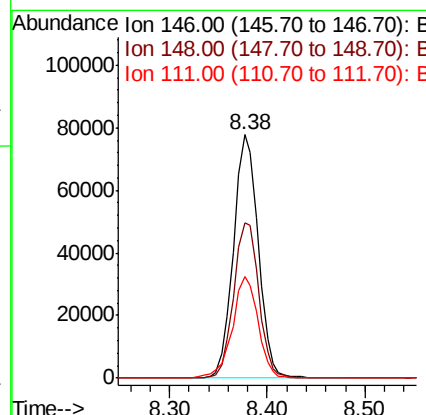
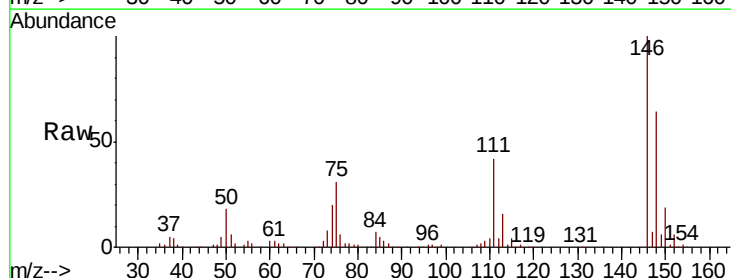
Manual Integrations
 APPROVED

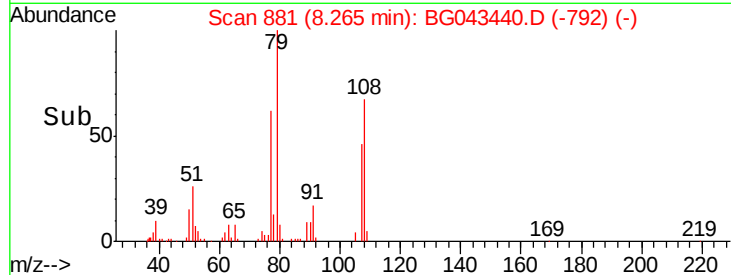
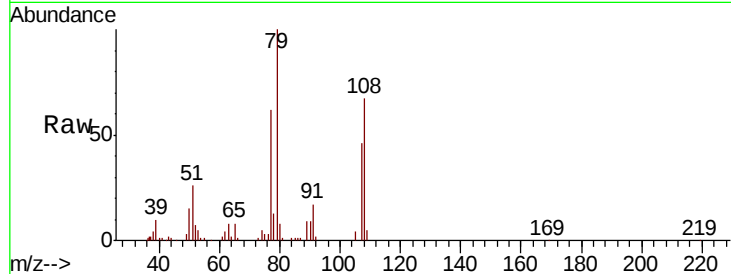
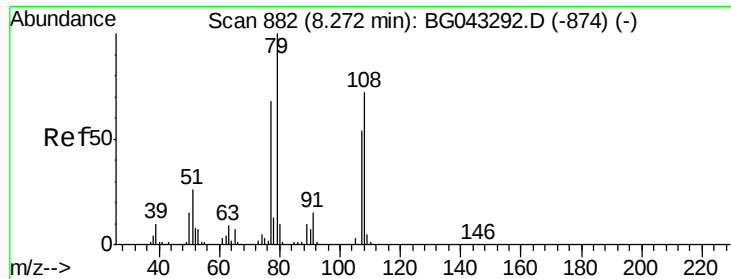
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 41.825 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.0	79.4
111	41.7	34.5	51.7





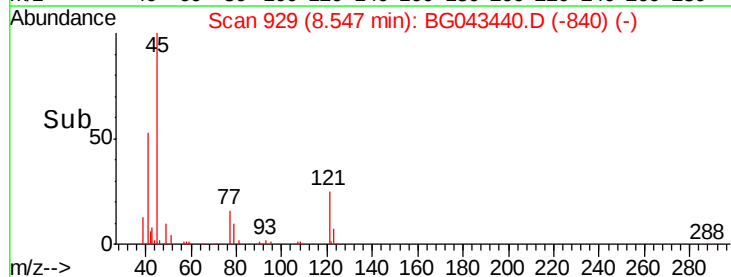
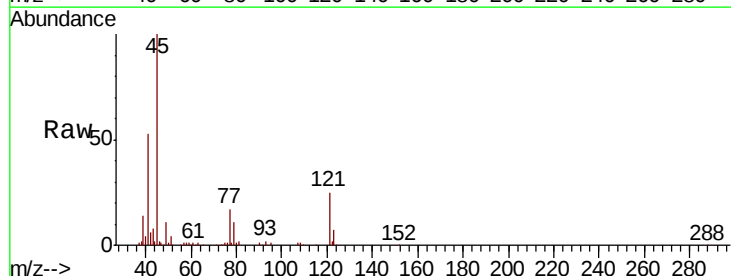
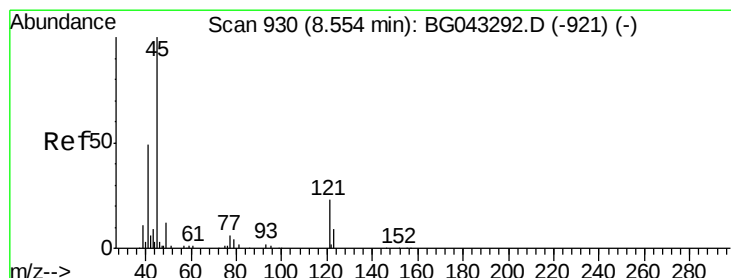
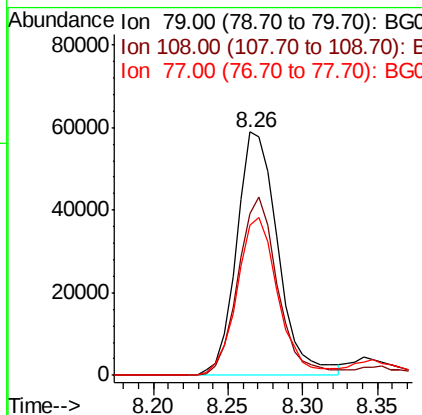
#15
Benzyl Alcohol
Concen: 46.744 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.6	57.3	85.9
77	61.7	54.6	81.8

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

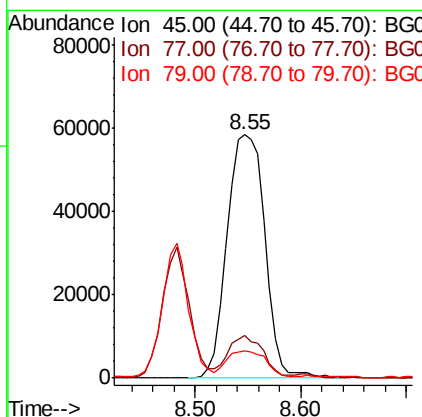
Manual Integrations
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.811 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	34.2
79	11.4	0.0	32.3





#17

2-Methylphenol

Concen: 46.166 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

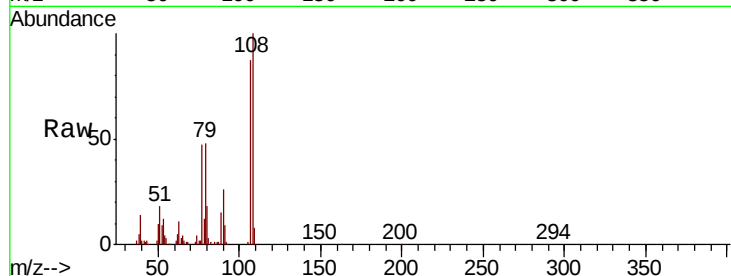
ClientSampled :

CSA-2-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.3	91.3	136.9	
77	53.7	43.0	64.6	
79	55.0	43.4	65.2	

Manual Integrations
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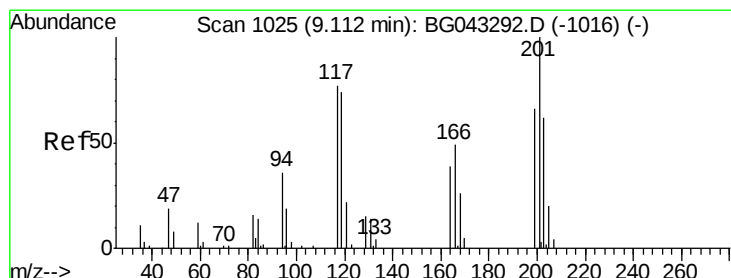
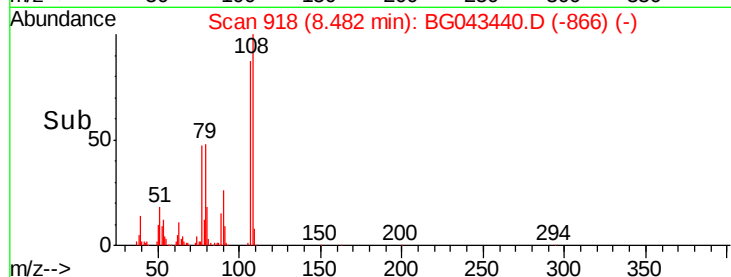
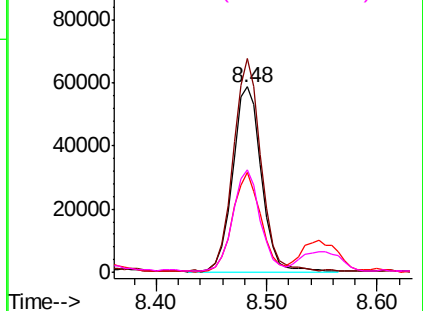
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 41.498 ng

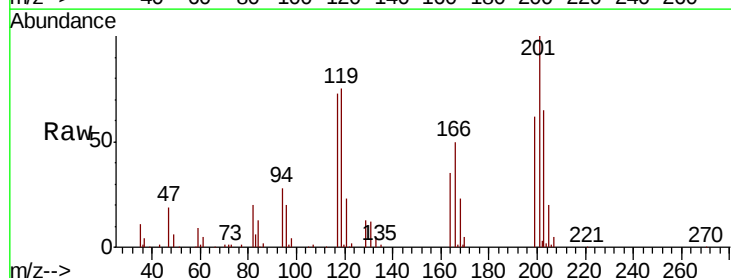
RT: 9.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.8	77.3	115.9	
201	136.4	104.2	156.4	

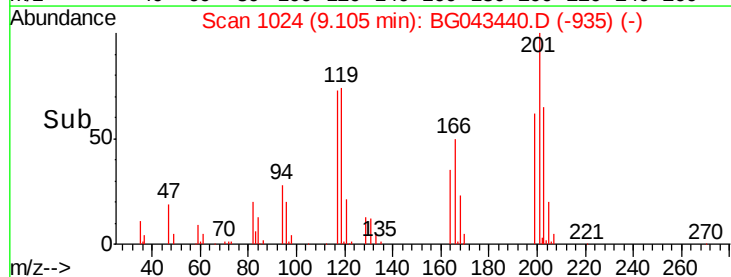
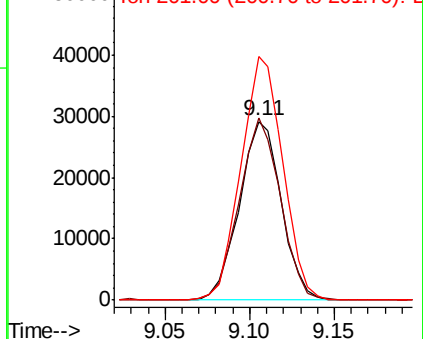


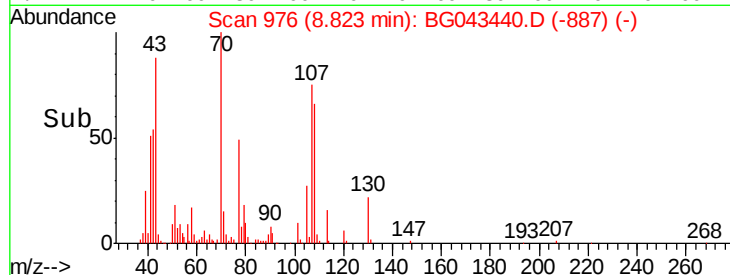
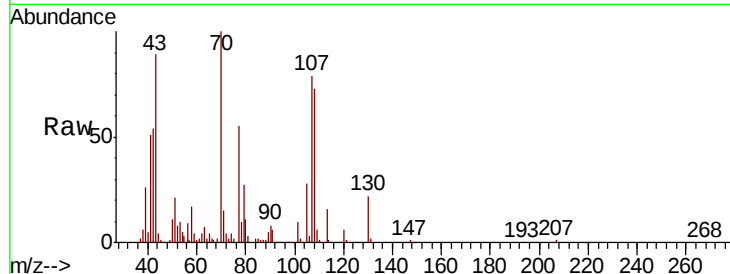
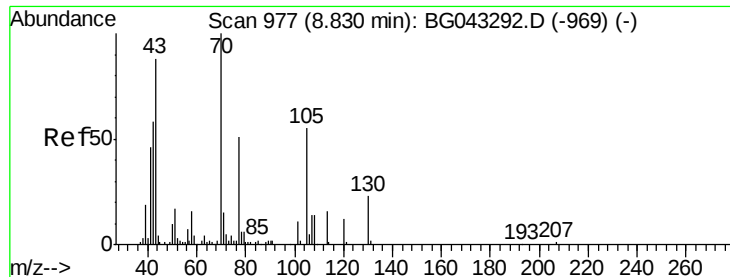
Abundance

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





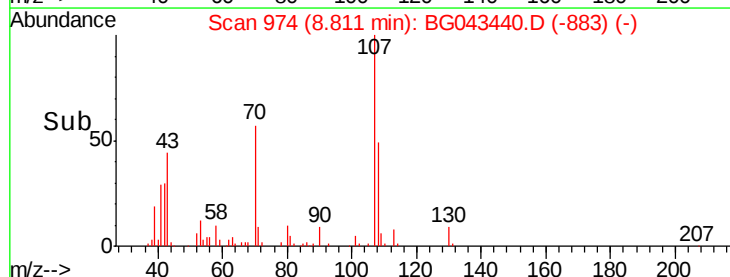
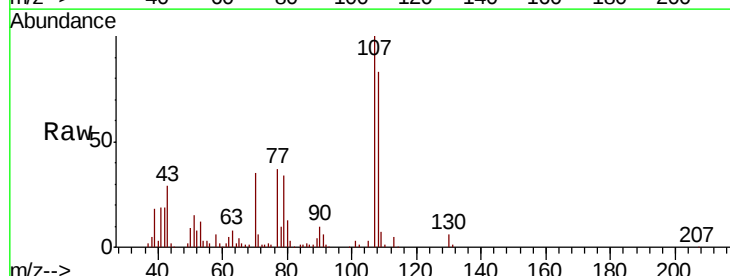
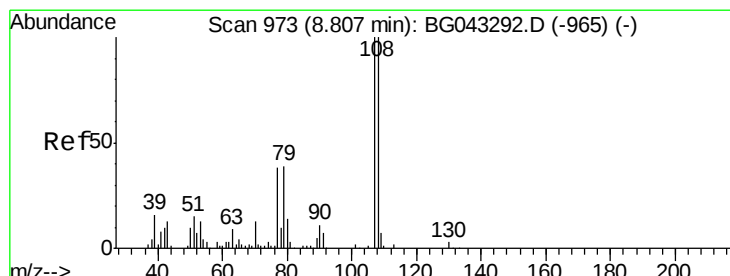
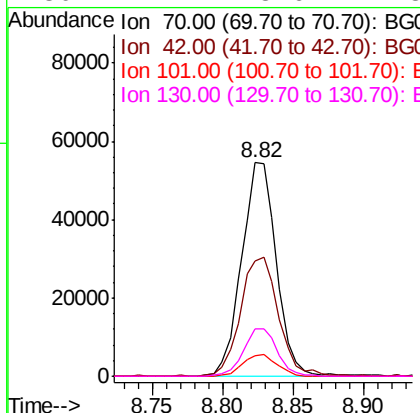
#19
n-Nitroso-di-n-propylamine
Concen: 42.133 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.2	46.2	69.2	
101	9.8	8.6	13.0	
130	22.4	18.6	27.8	

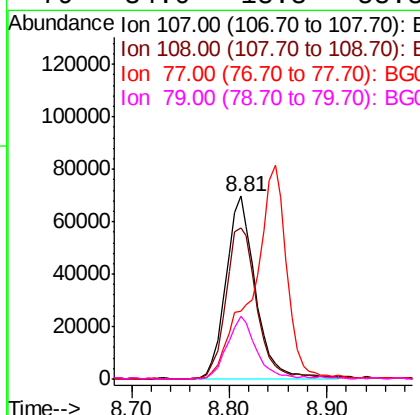
Manual Integrations
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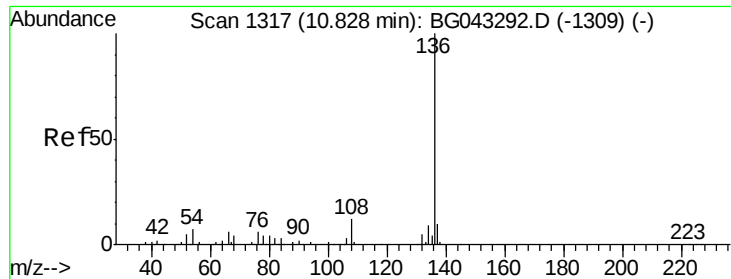
mohammad
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#20
3+4-Methylphenols
Concen: 46.189 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	82.7	80.3	120.3	
77	36.9	18.2	58.2	
79	34.0	18.8	58.8	





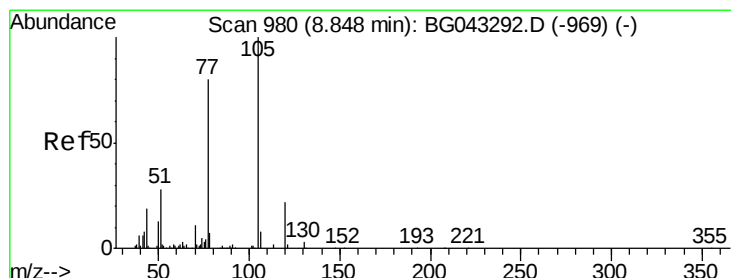
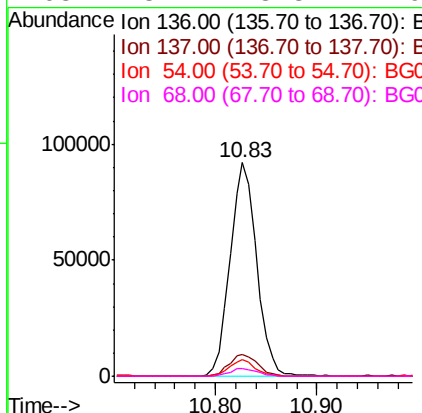
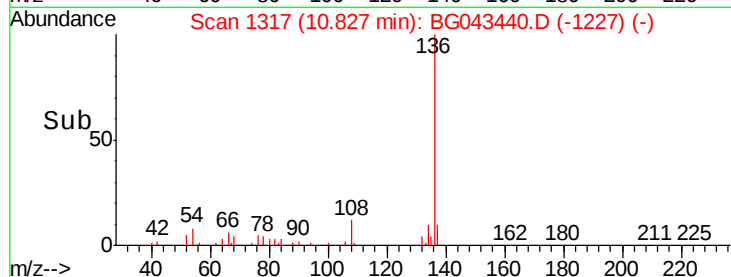
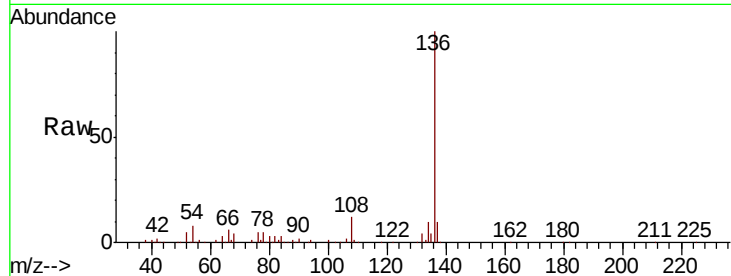
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		167359		
137	10.3		8.2	12.2	
54	7.5		5.4	8.2	
68	3.7		3.3	4.9	

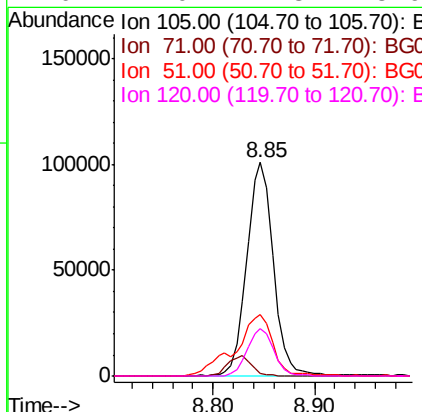
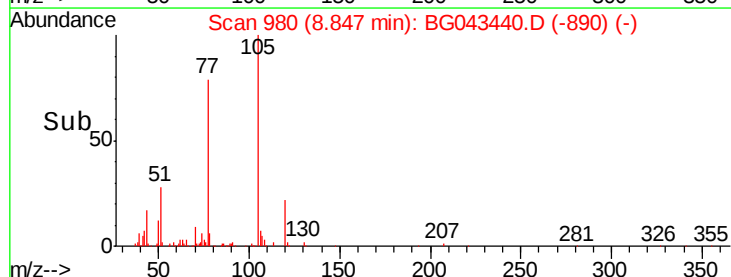
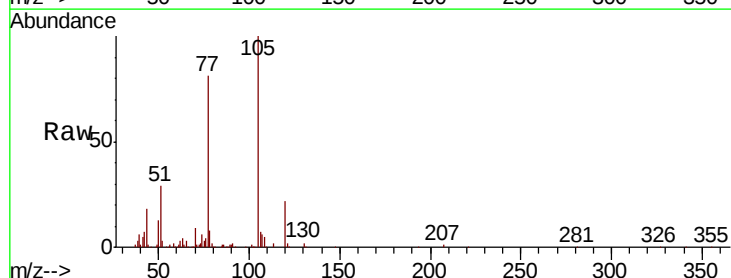
Manual Integrations
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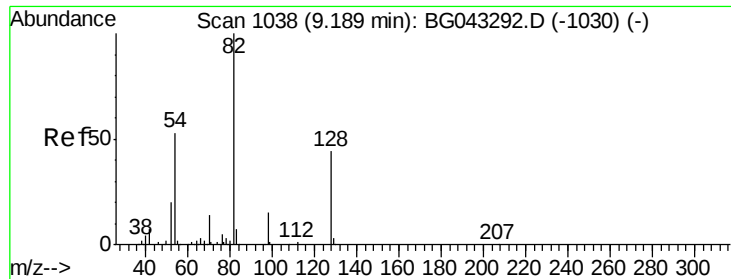
mohammad
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#22
Acetophenone
Concen: 42.903 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		183876		
71	1.3		1.5	2.3#	
51	28.6		23.9	35.9	
120	22.0		17.3	25.9	





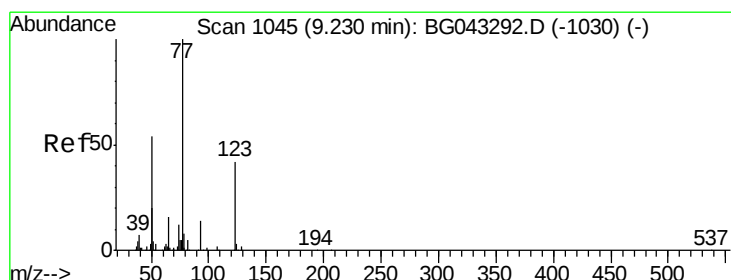
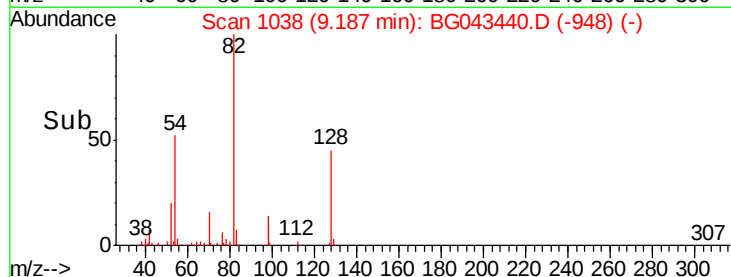
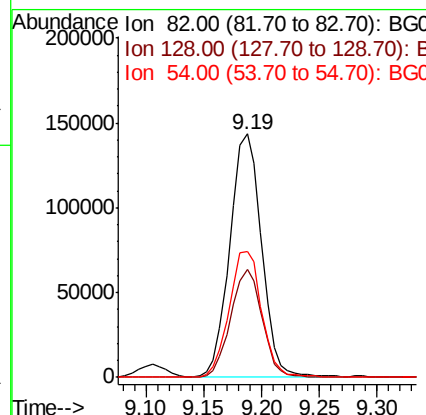
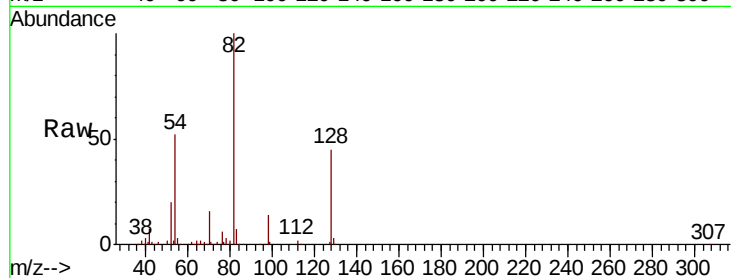
#23
Nitrobenzene-d5
Concen: 84.160 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.3	52.9
54	51.6	42.3	63.5

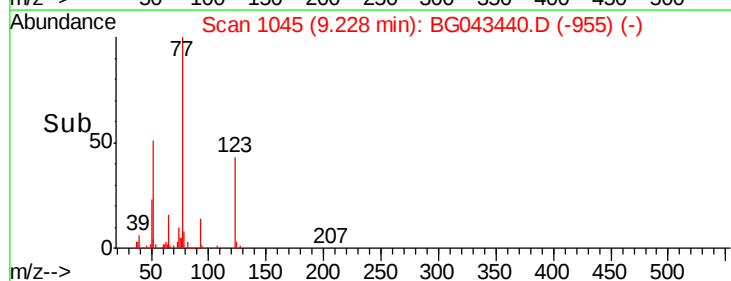
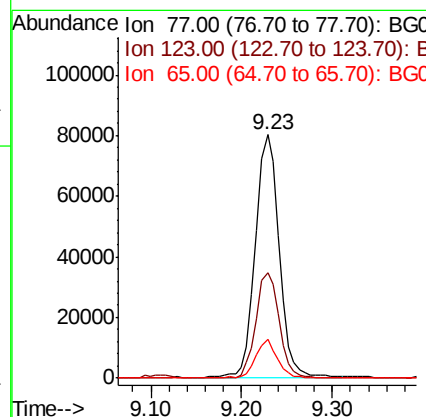
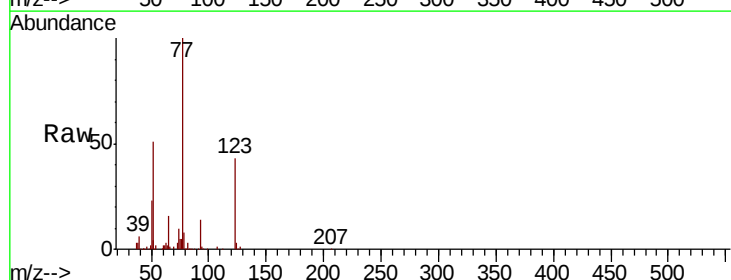
Manual Integrations
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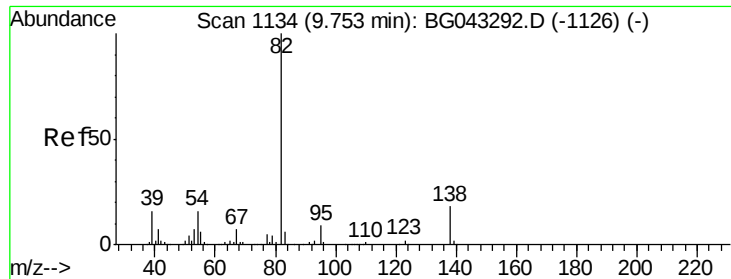
mohammad
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#24
Nitrobenzene
Concen: 47.548 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.1	33.8	50.8
65	16.1	13.0	19.4





#25

Isophorone

Concen: 44.758 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

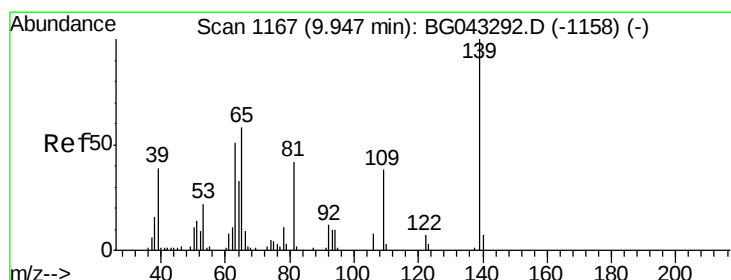
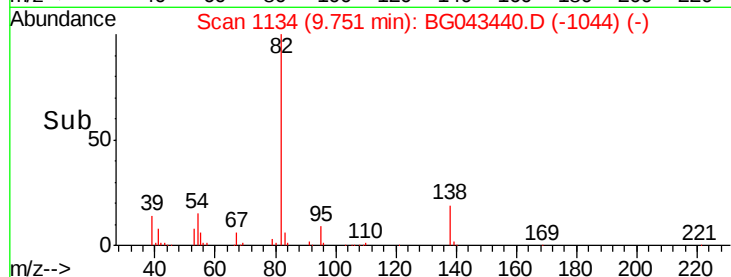
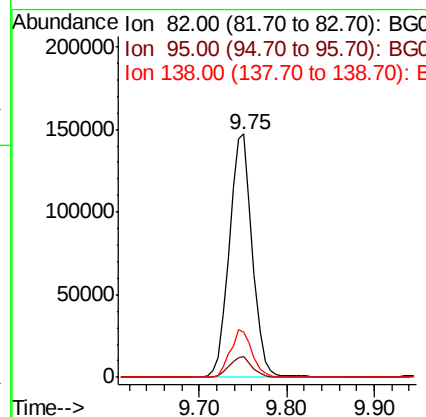
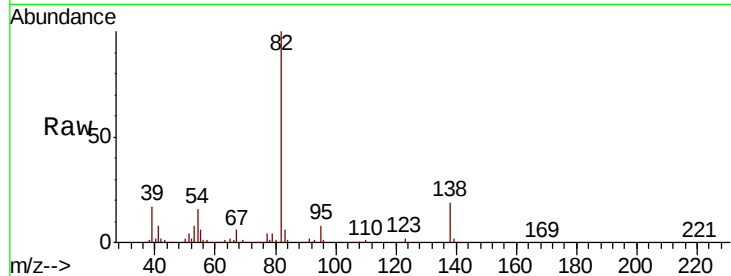
ClientSampleId :

CSA-2-1-11MS

Tot Ion:	82	Resp:	265641
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.9	10.3
138	18.7	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.749 ng

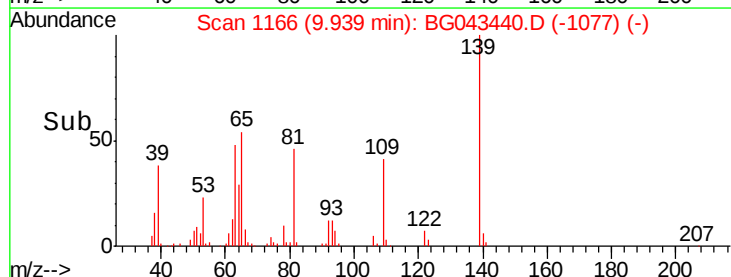
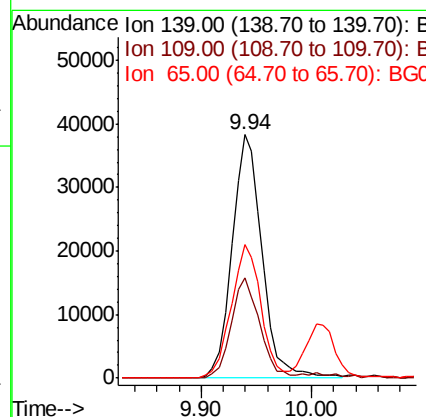
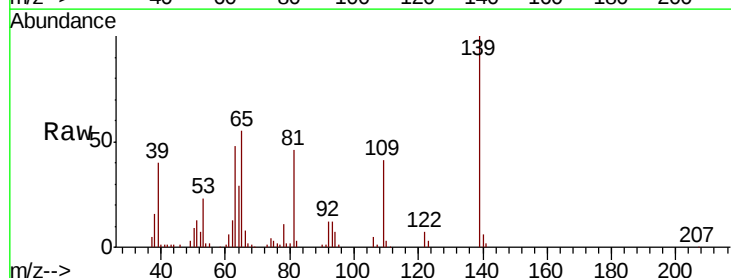
RT: 9.94 min Scan# 1166

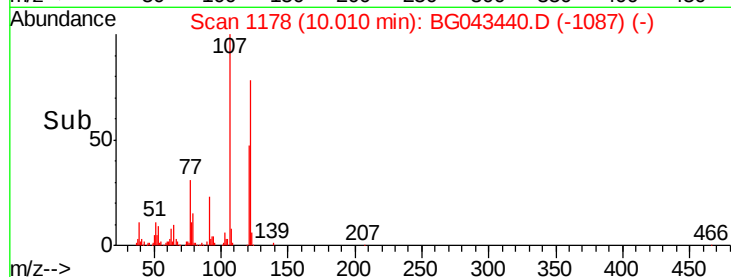
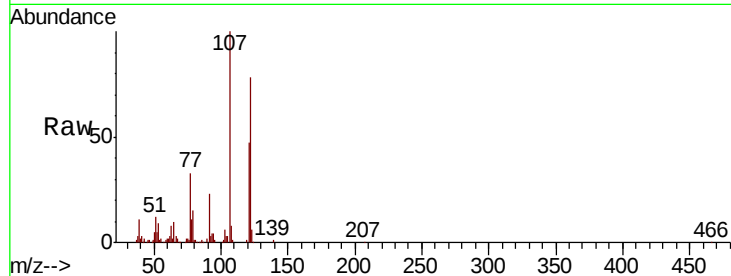
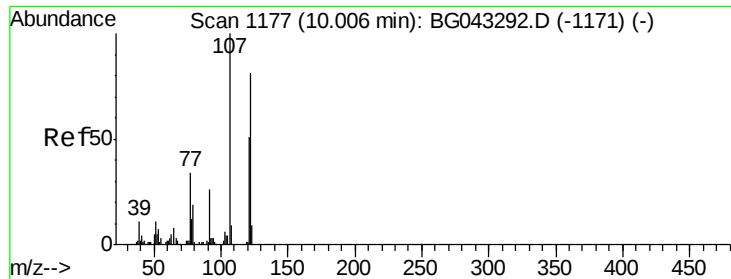
Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	139	Resp:	72781
Ion Ratio	Lower	Upper	
139	100		
109	40.9	30.1	45.1
65	54.9	46.1	69.1





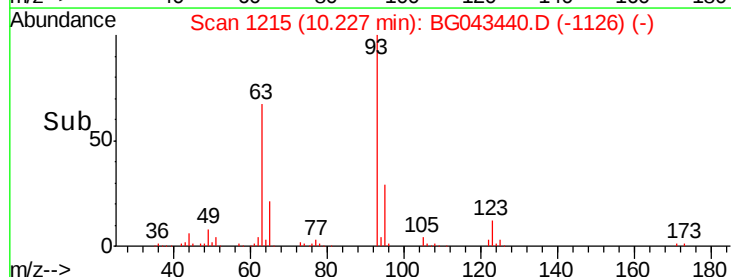
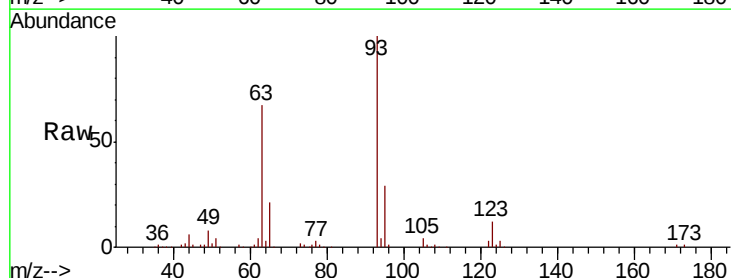
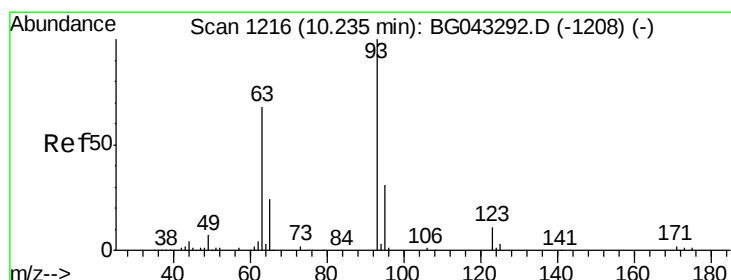
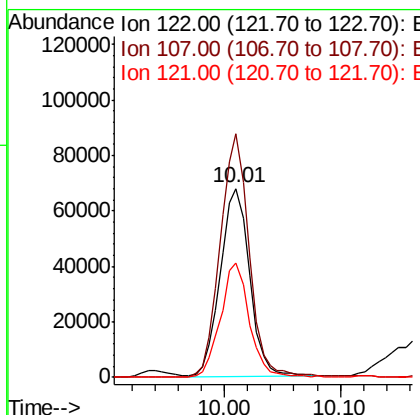
#27
2,4-Dimethylphenol
Concen: 55.901 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	129.0	98.6	147.8	
121	60.8	50.1	75.1	

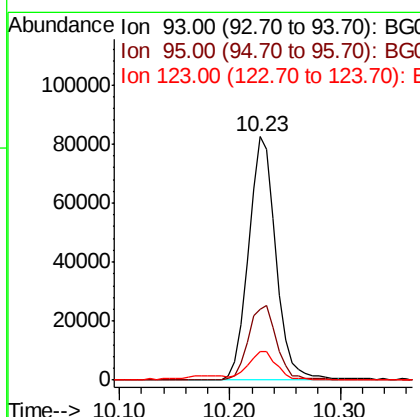
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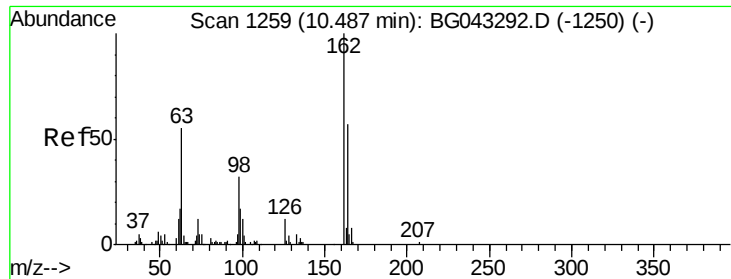
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.748 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	29.0	24.9	37.3	
123	11.7	8.9	13.3	





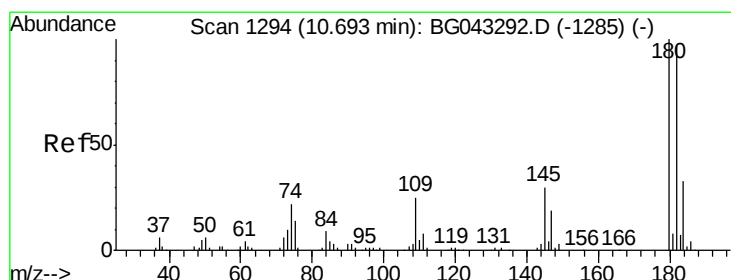
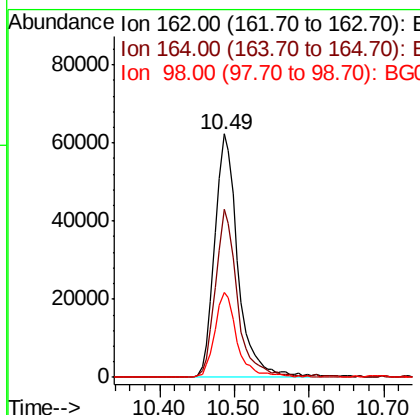
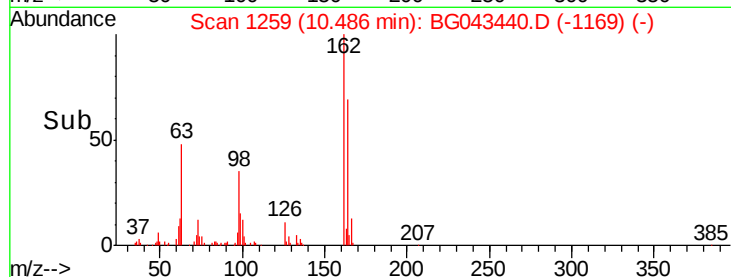
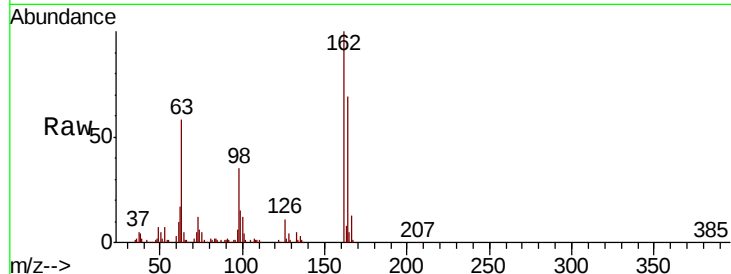
#29
 2,4-Dichlorophenol
 Concen: 49.161 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	69.2	37.3	77.3
98	34.9	11.8	51.8

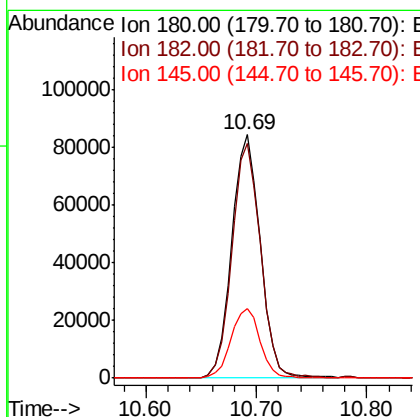
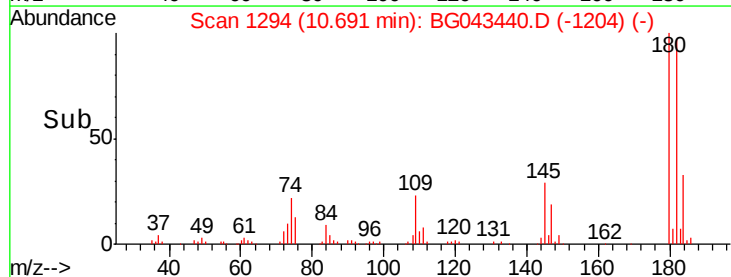
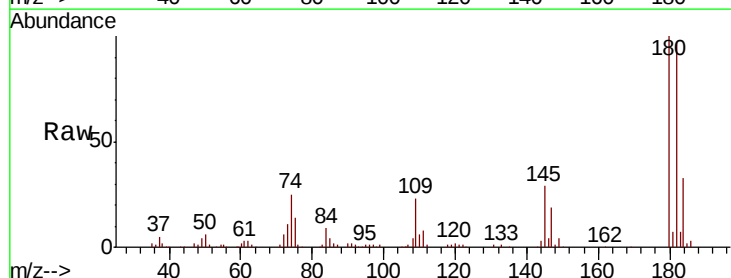
Manual Integrations
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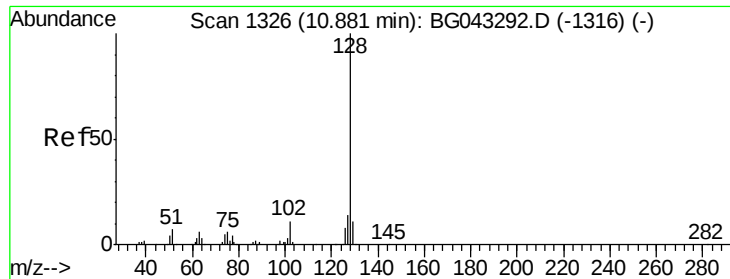
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#30
 1,2,4-Trichlorobenzene
 Concen: 44.449 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.8	116.8
145	28.7	23.6	35.4





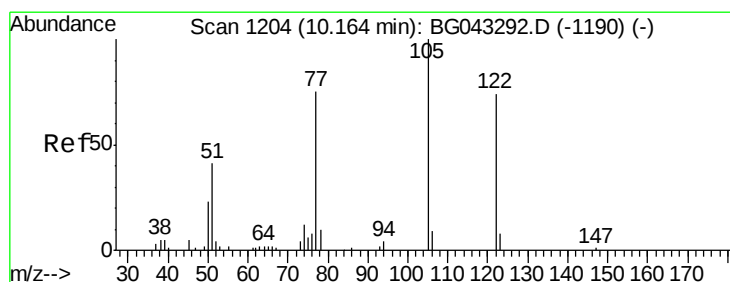
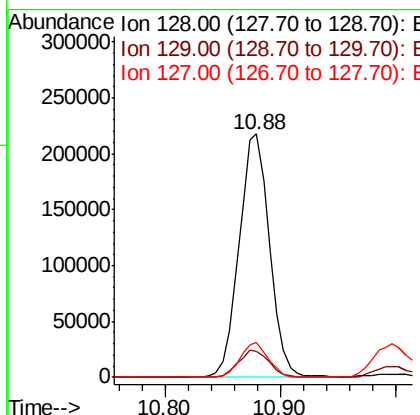
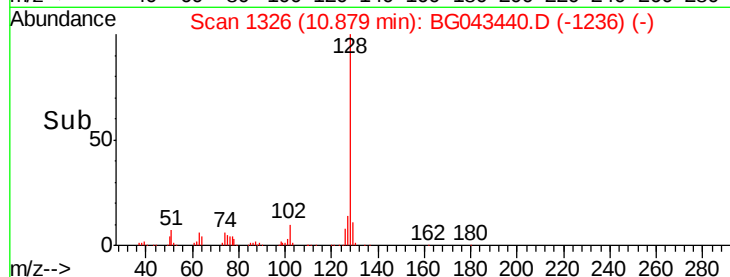
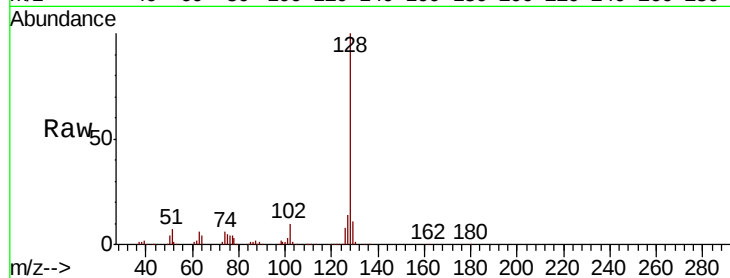
#31
Naphthalene
Concen: 46.692 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.5	8.6	12.8
127	14.1	11.5	17.3

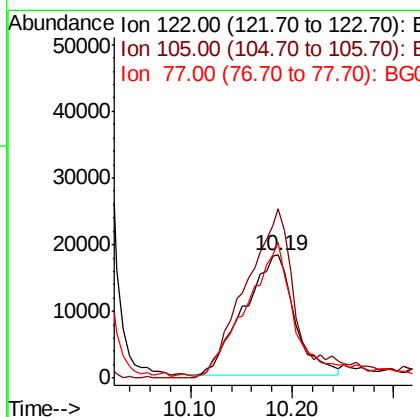
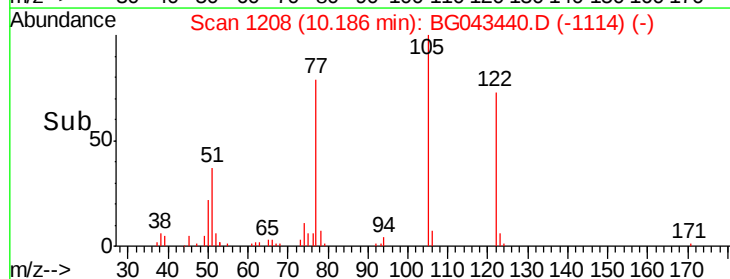
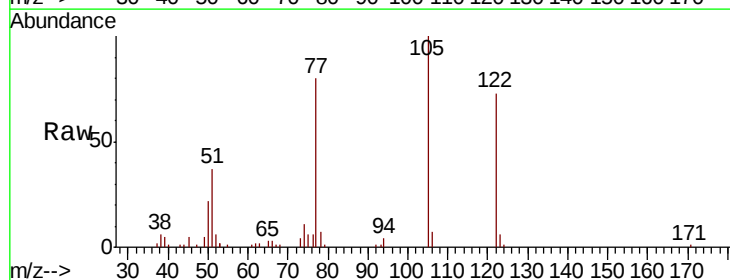
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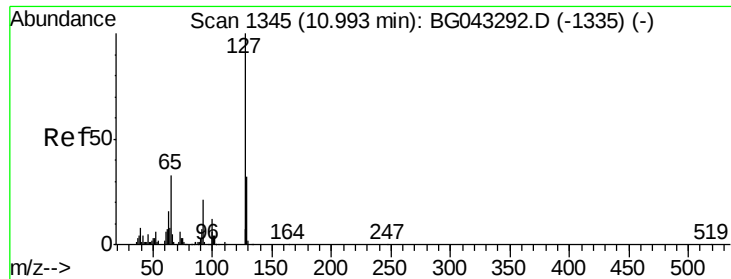
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#32
Benzoic acid
Concen: 39.871 ng
RT: 10.19 min Scan# 1208
Delta R.T. 0.02 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	137.5	112.4	152.4
77	110.1	82.7	122.7





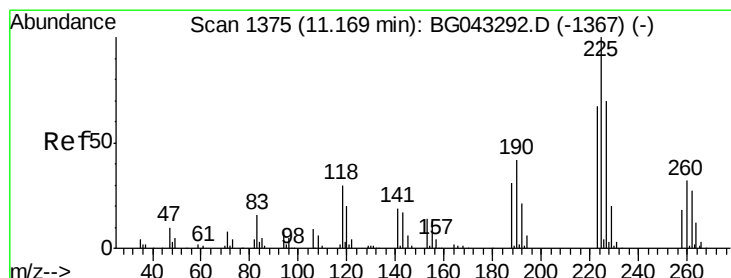
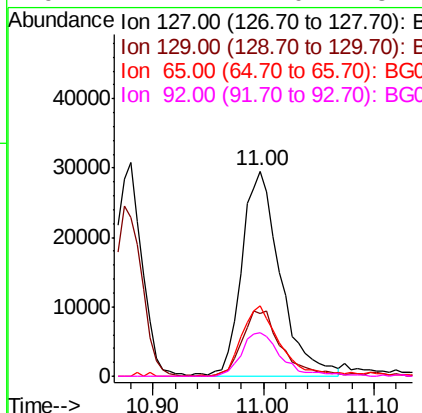
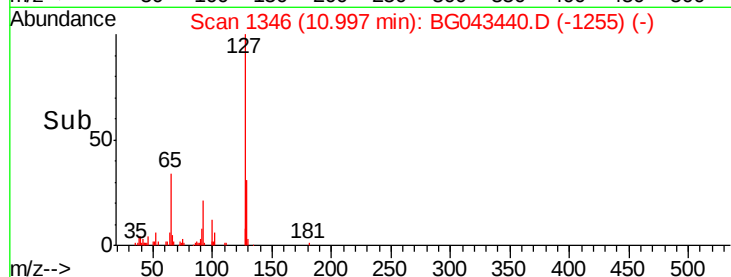
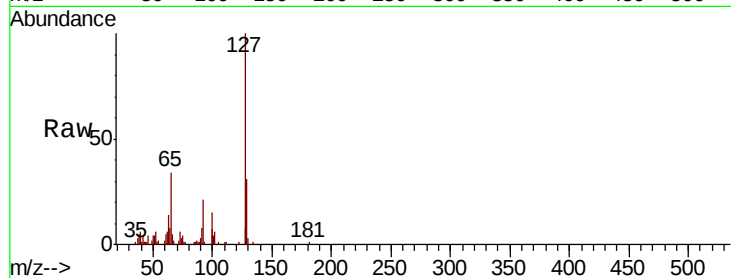
#33
4-Chloroaniline
Concen: 20.842 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.8	38.8
65	34.2	26.2	39.2
92	21.4	17.0	25.4

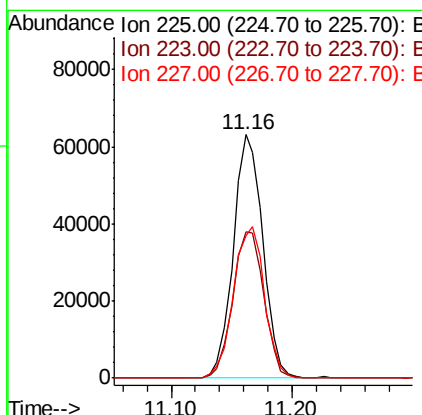
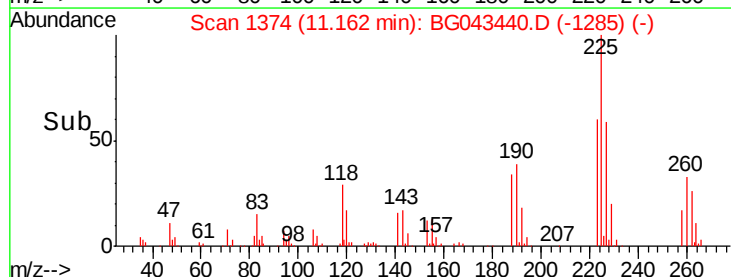
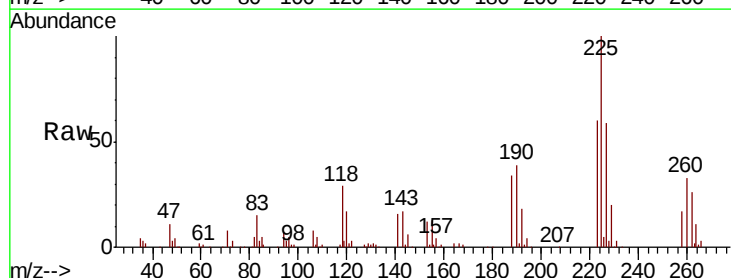
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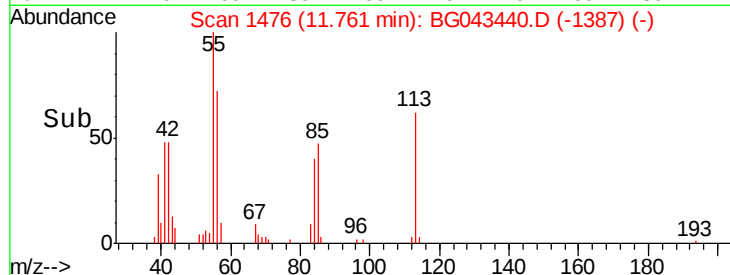
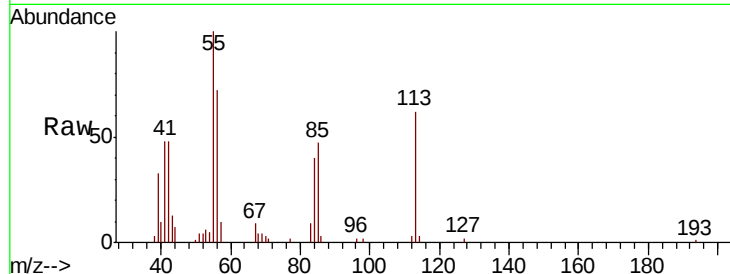
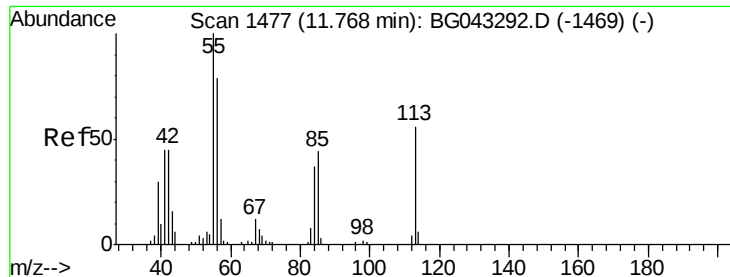
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#34
Hexachlorobutadiene
Concen: 42.122 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	53.2	79.8
227	58.5	56.2	84.2





#35

Caprolactam

Concen: 43.666 ng/ml

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-11MS

Tot Ion:113 Resp: 41232

Ion Ratio Lower Upper

113 100

55 160.8 158.9 198.9

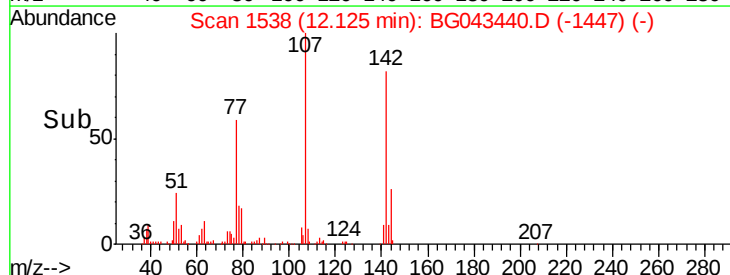
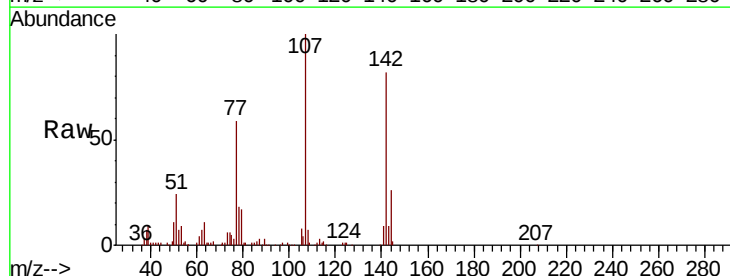
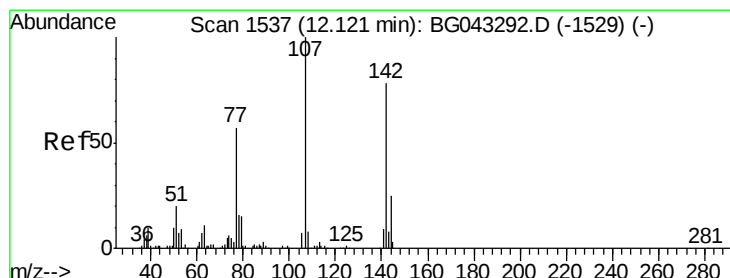
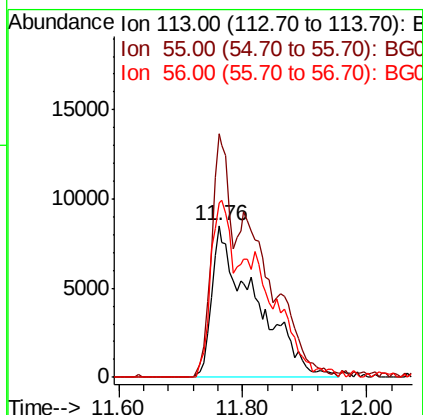
56 115.1 121.4 161.4#

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#36

4-Chloro-3-methylphenol

Concen: 47.497 ng/ml

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

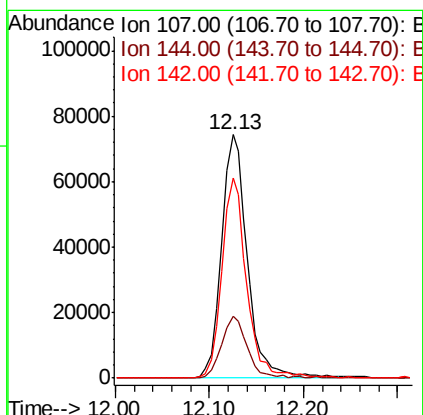
Tgt Ion:107 Resp: 142045

Ion Ratio Lower Upper

107 100

144 25.6 19.9 29.9

142 82.1 62.1 93.1





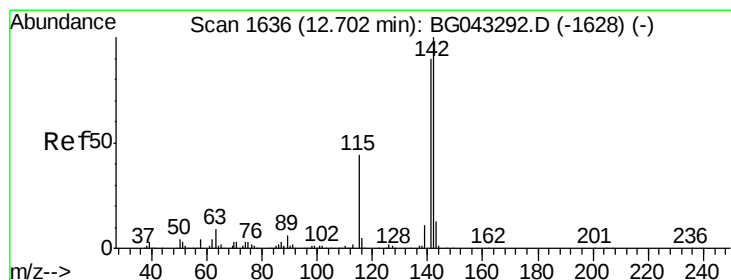
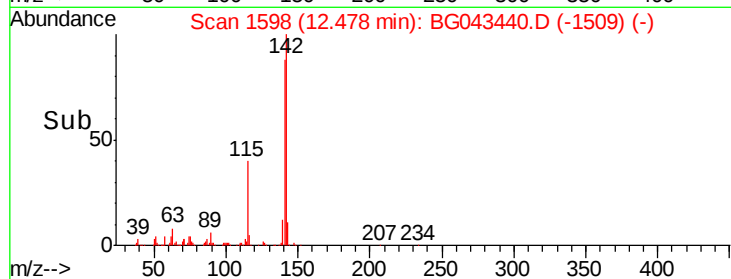
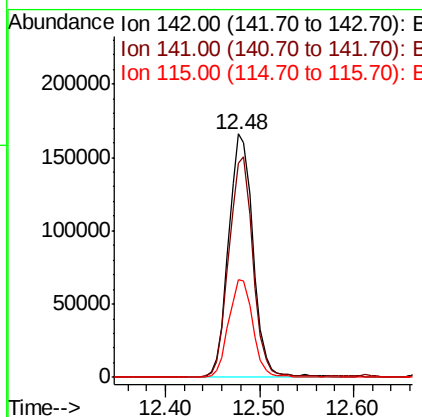
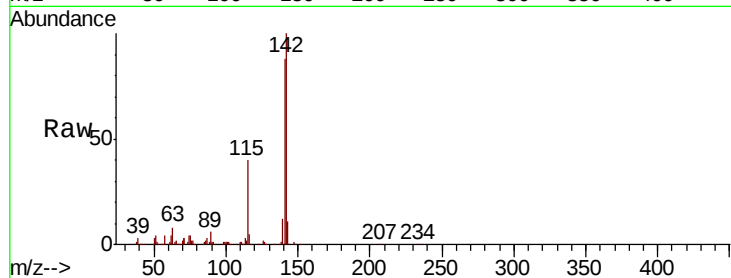
#37
2-Methylnaphthalene
Concen: 46.089 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.7	104.5
115	39.9	30.6	46.0

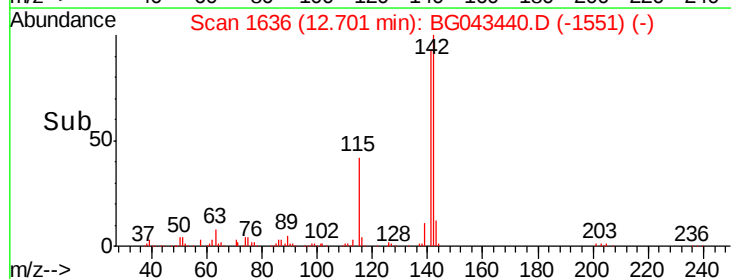
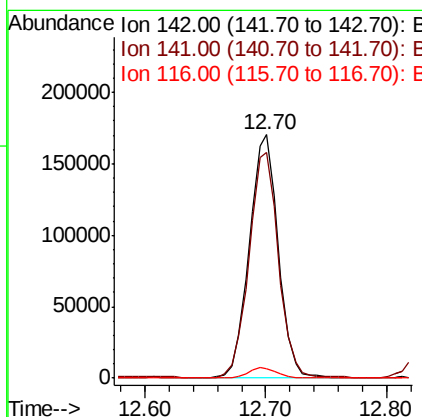
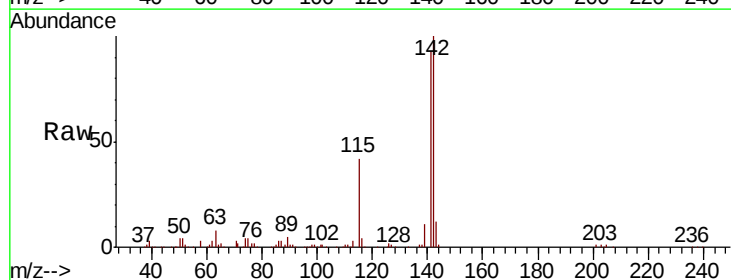
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#38
1-Methylnaphthalene
Concen: 45.566 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.6	72.3	108.5
116	4.0	3.8	5.6





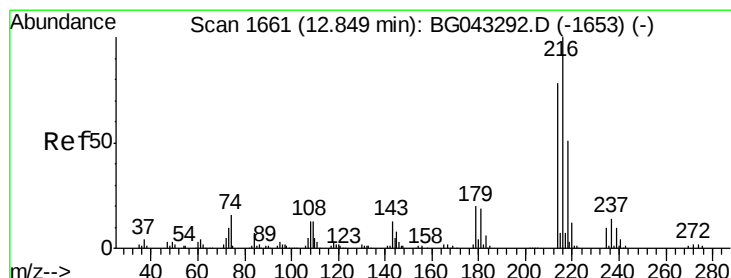
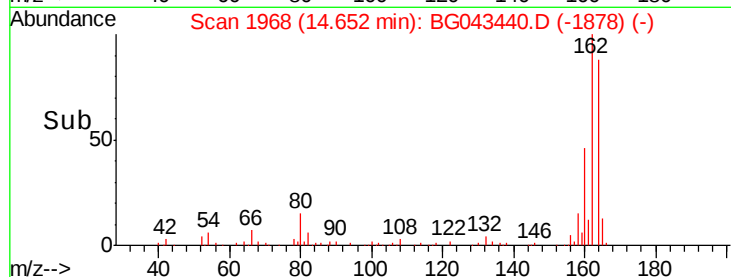
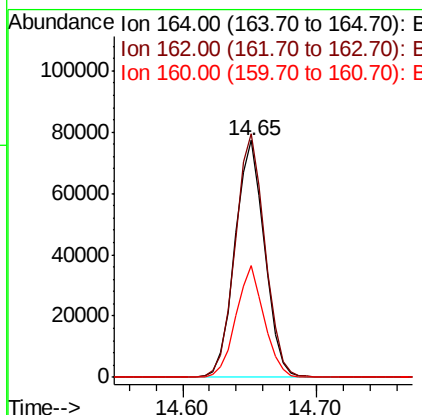
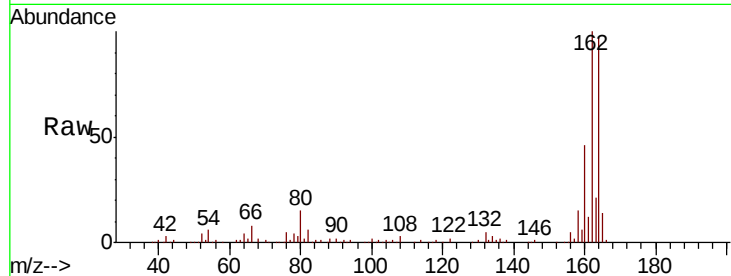
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleID :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.8	87.0	130.4
160	47.0	35.5	53.3

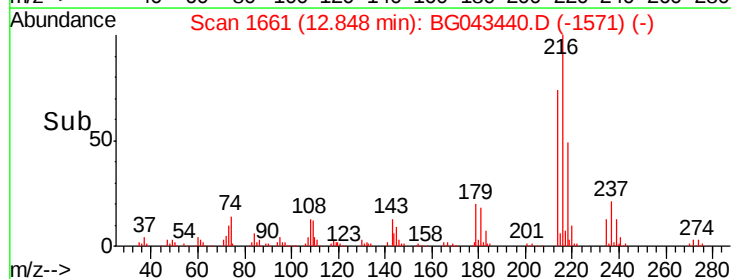
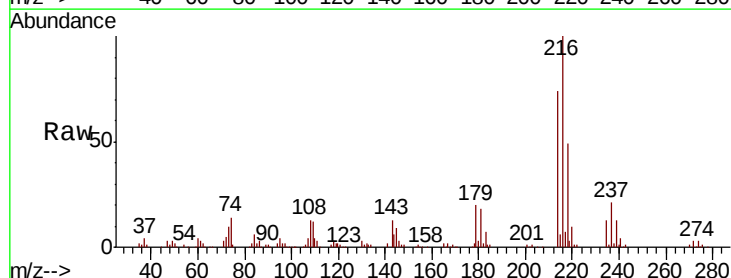
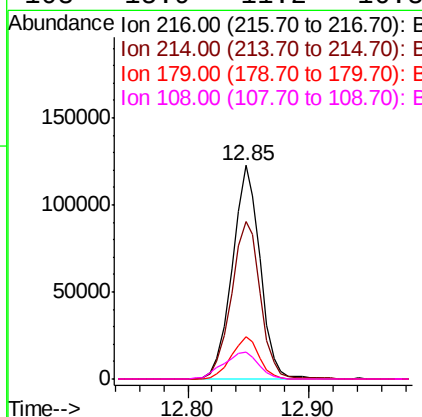
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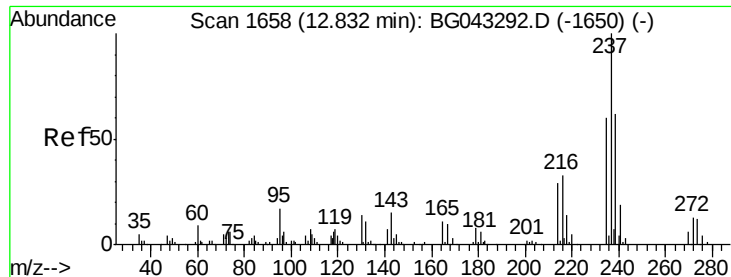
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.560 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.7	63.5	95.3
179	19.8	16.2	24.2
108	15.9	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 98.504 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

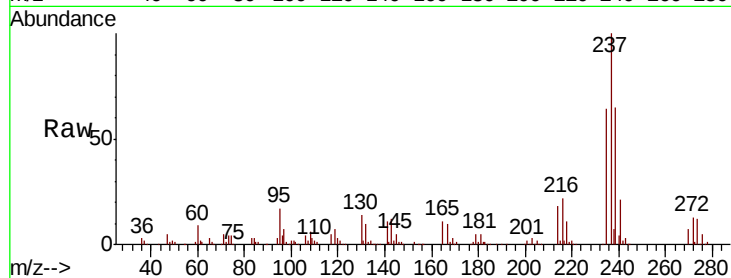
ClientSampleId :

CSA-2-1-11MS

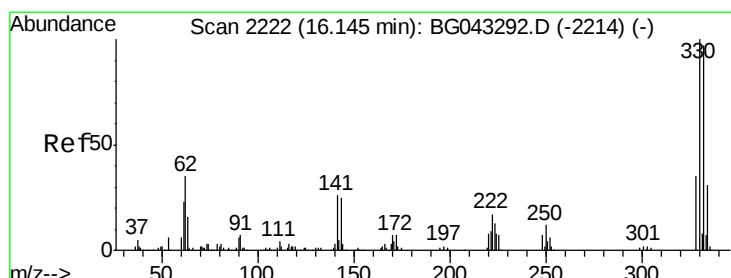
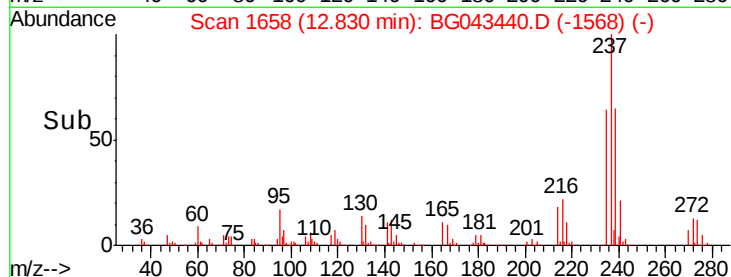
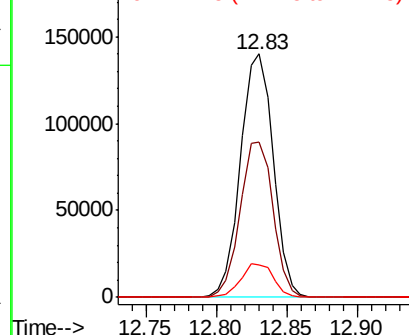
Tot Ion:	237	Resp:	227418
Ion Ratio	Lower	Upper	
237	100		
235	63.8	40.3	80.3
272	13.1	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 116.887 ng

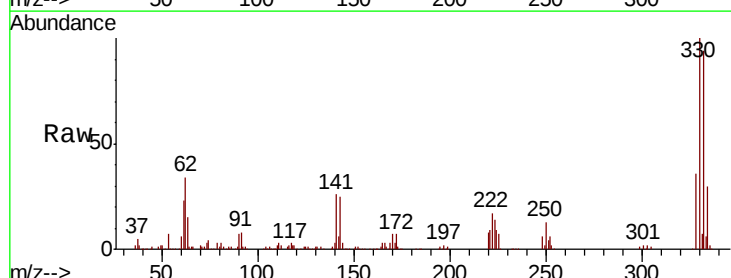
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

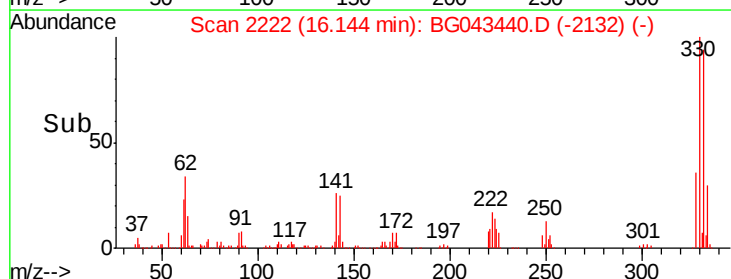
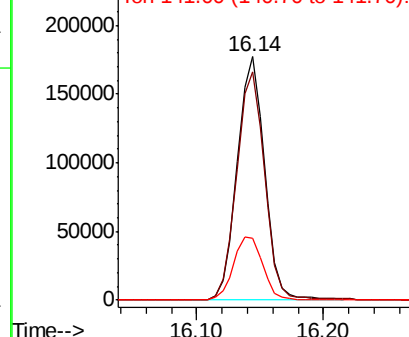
Lab File: BG043440.D

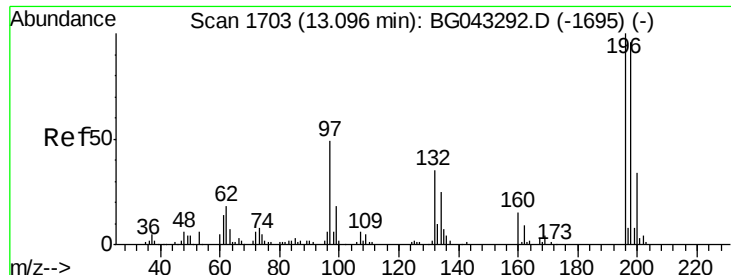
Acq: 31 Oct 2019 19:02

Tgt Ion:	330	Resp:	264159
Ion Ratio	Lower	Upper	
330	100		
332	96.2	76.4	114.6
141	28.0	21.4	32.0



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





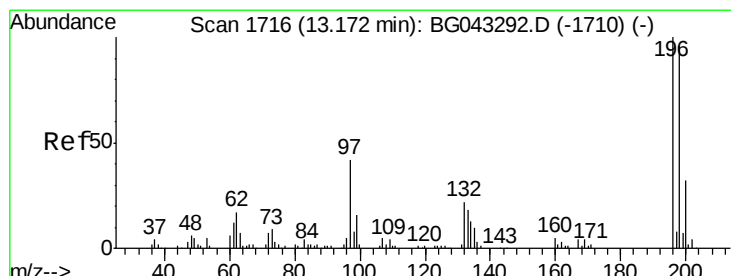
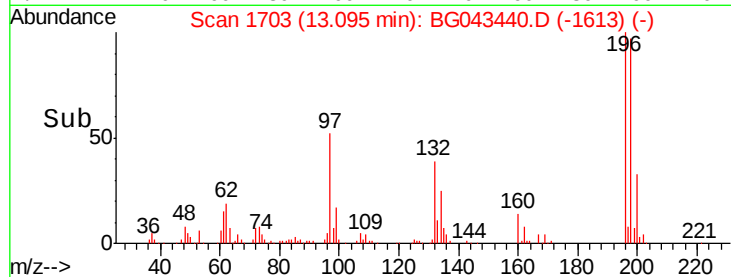
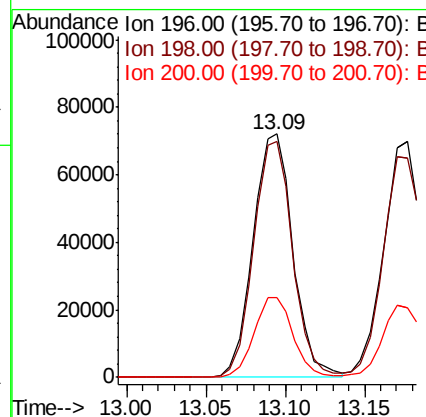
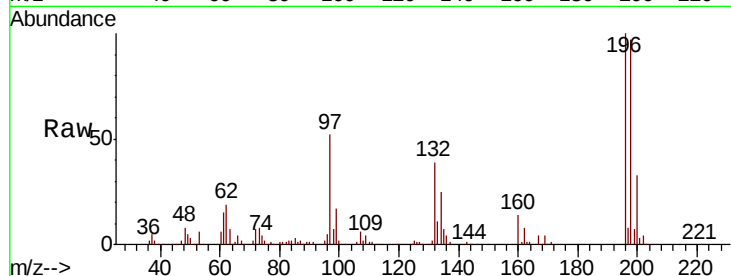
#43
 2,4,6-Trichlorophenol
 Concen: 48.626 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125857		
198	96.8	77.0	115.4	
200	32.7	27.4	41.2	

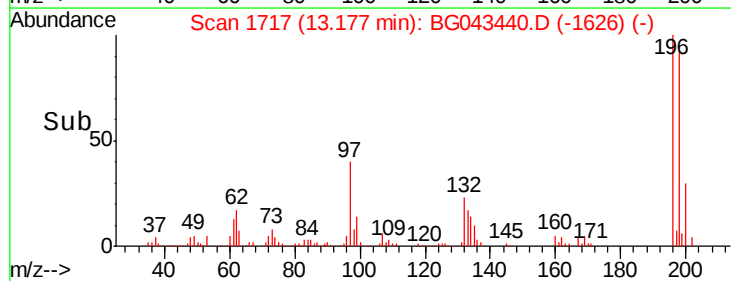
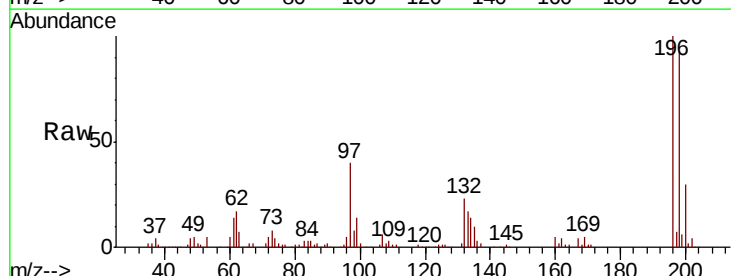
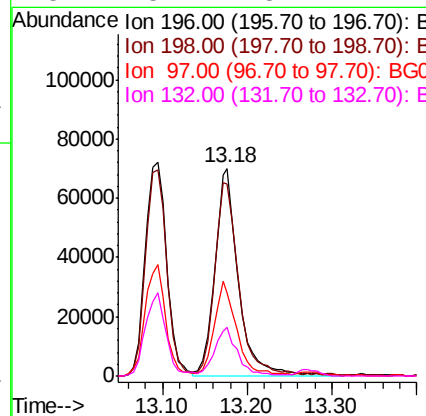
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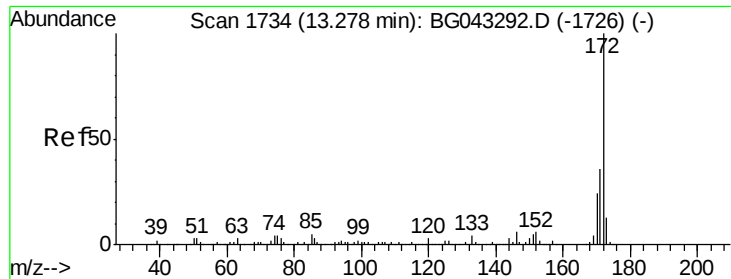
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#44
 2,4,5-Trichlorophenol
 Concen: 52.148 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	136455		
198	92.7	76.6	114.8	
97	40.1	34.1	51.1	
132	23.4	18.2	27.4	





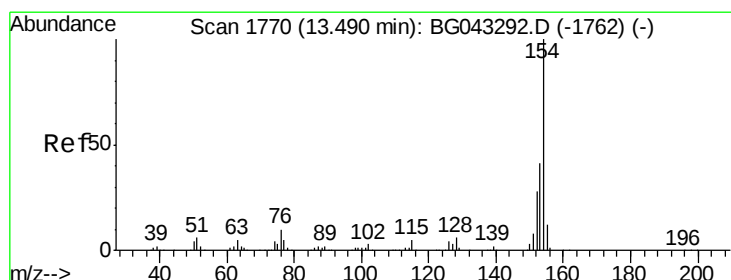
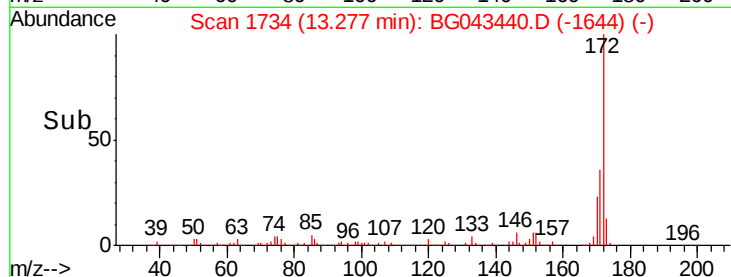
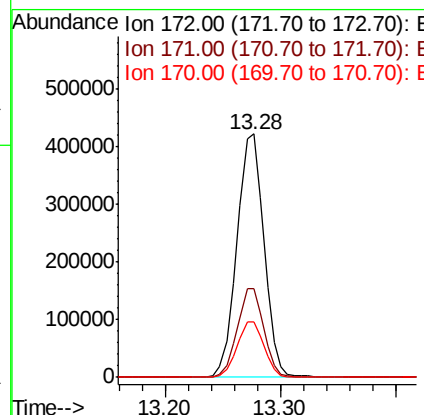
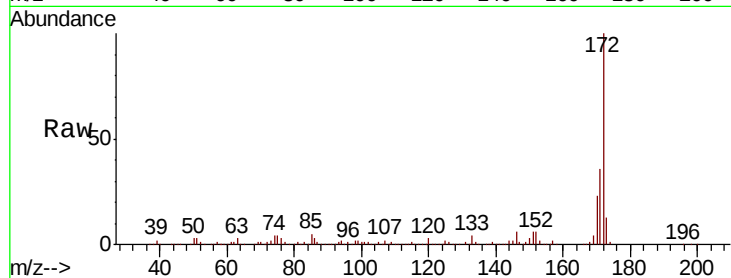
#45
2-Fluorobiphenyl
Concen: 79.895 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampled :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.5	42.7
170	22.7	18.8	28.2

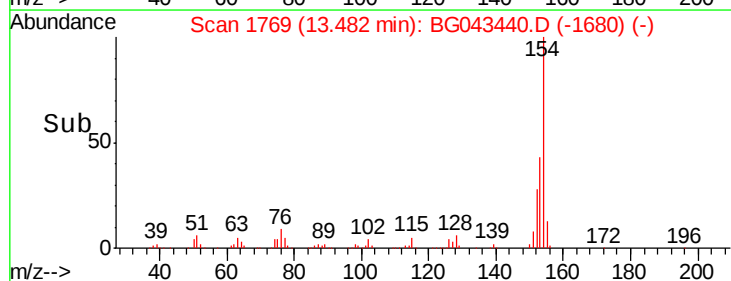
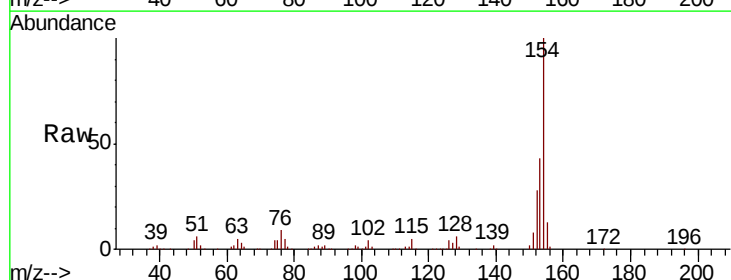
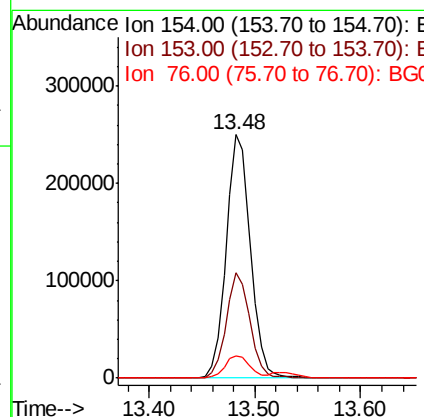
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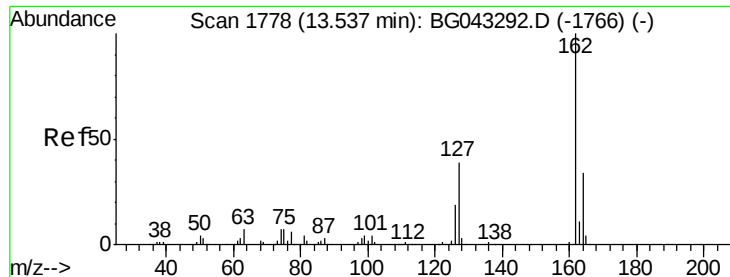
mohammad
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#46
1,1'-Biphenyl
Concen: 43.866 ng
RT: 13.48 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	21.0	61.0
76	9.0	0.0	29.8





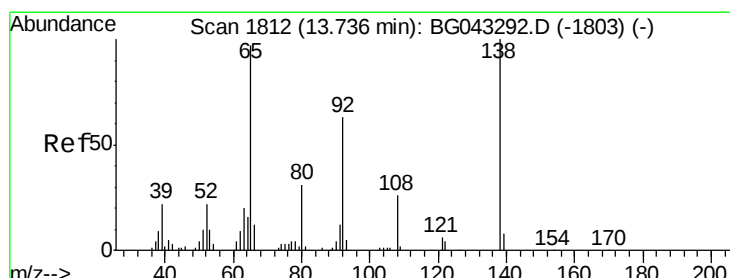
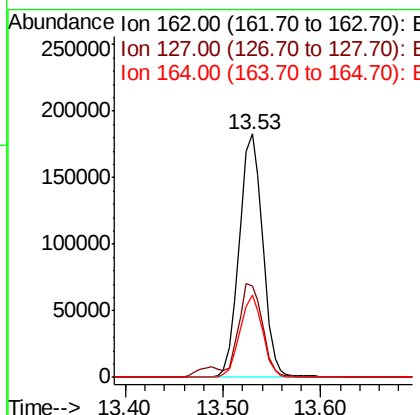
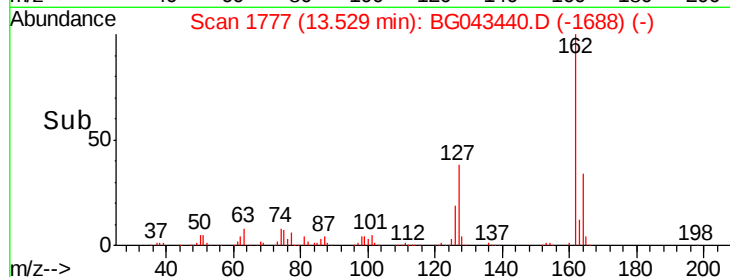
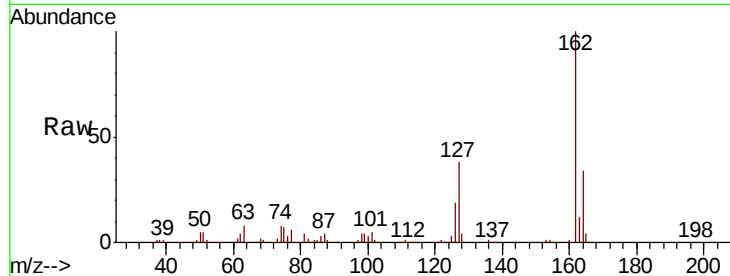
#47
2-Chloronaphthalene
Concen: 44.588 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.5	31.3	46.9	
164	33.7	26.8	40.2	

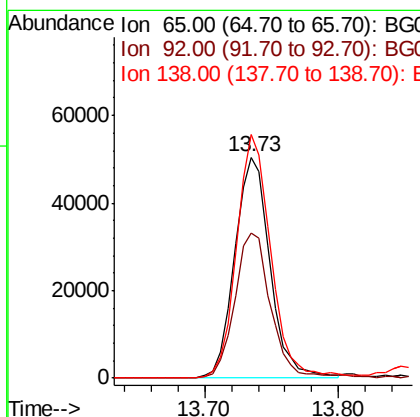
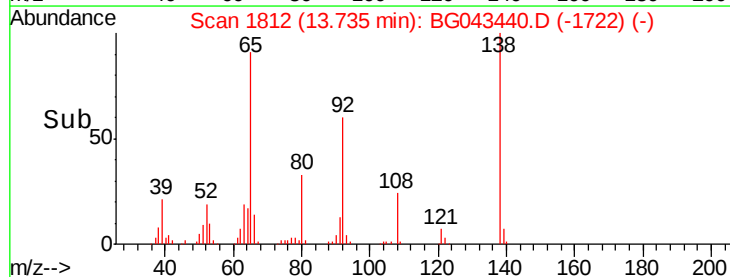
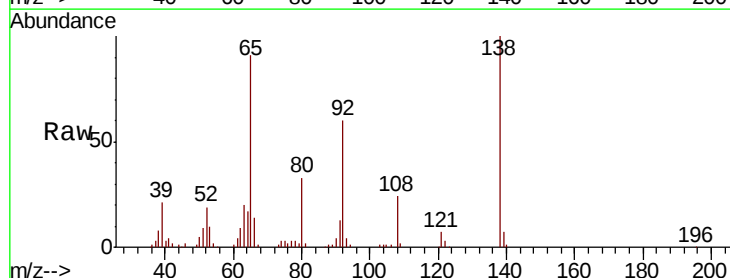
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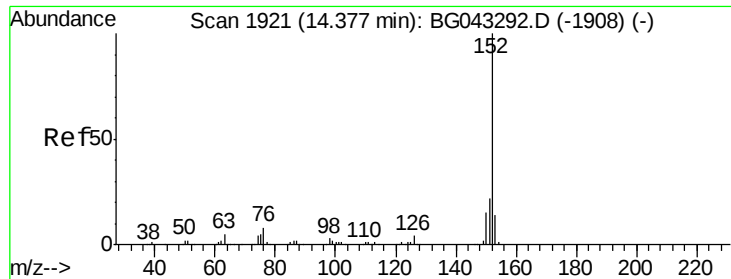
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#48
2-Nitroaniline
Concen: 45.010 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	65.8	52.6	79.0	
138	110.2	82.9	124.3	





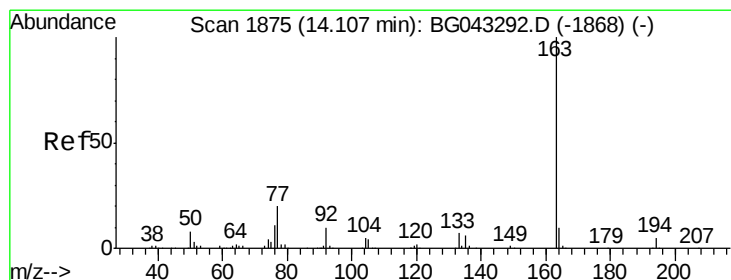
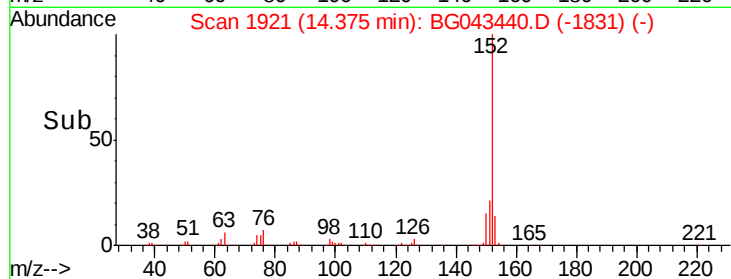
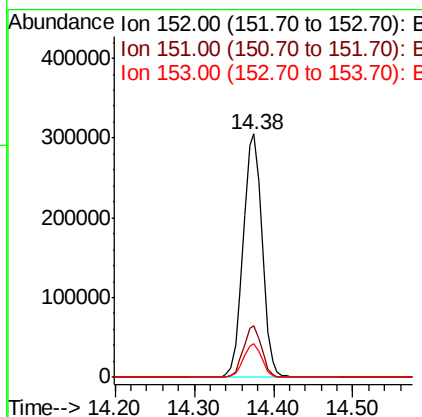
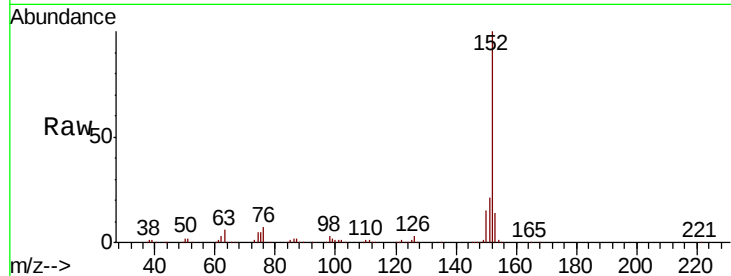
#49
Acenaphthylene
Concen: 47.205 ng
RT: 14.38 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.2	25.8
153	13.9	11.0	16.6

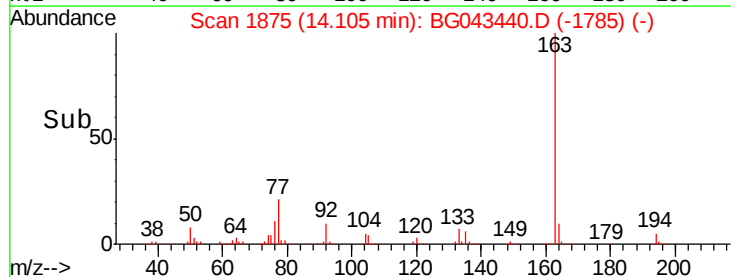
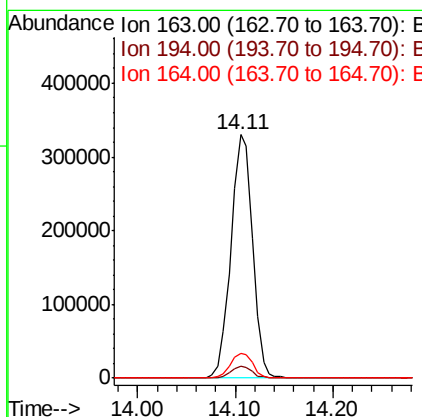
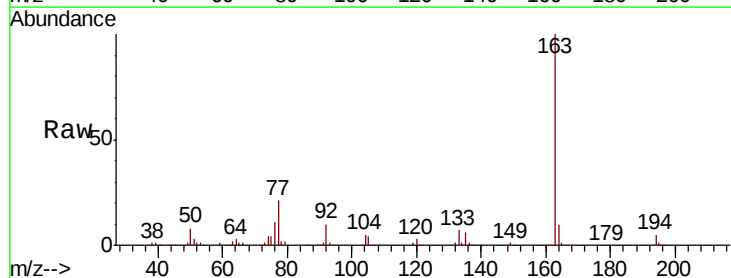
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#50
Dimethylphthalate
Concen: 55.220 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	10.3	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 46.802 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

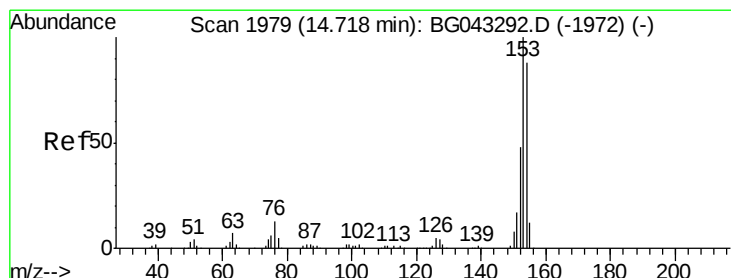
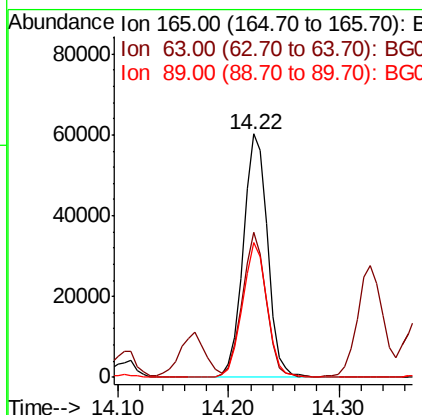
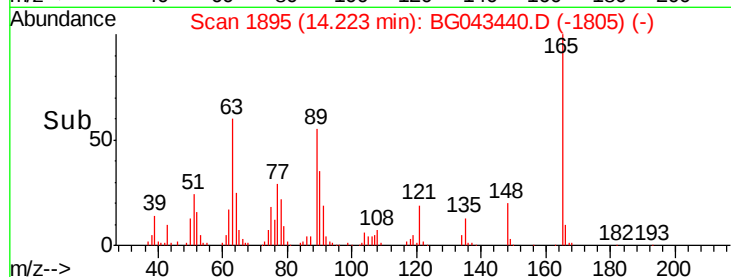
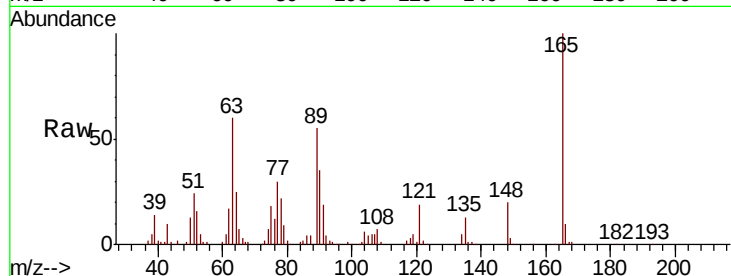
ClientSampleId :

CSA-2-1-11MS

Tot Ion:	165	Resp:	93527
Ion Ratio	Lower	Upper	
165	100		
63	59.8	47.1	70.7
89	55.2	43.7	65.5

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#52

Acenaphthene

Concen: 45.680 ng

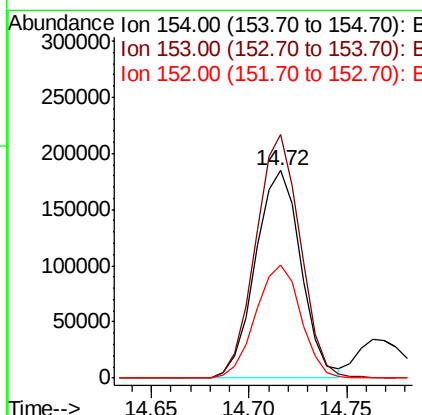
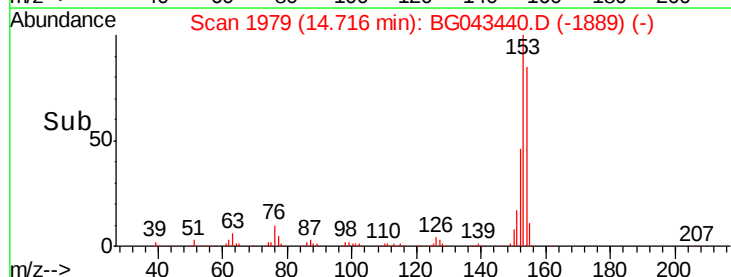
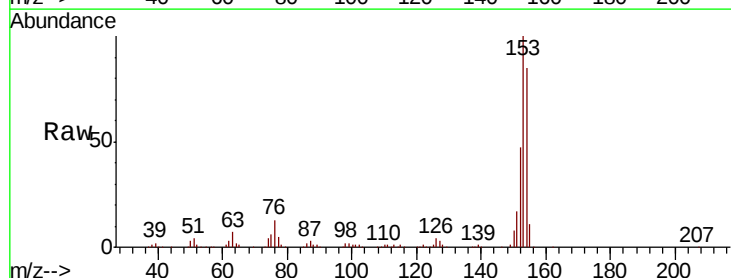
RT: 14.72 min Scan# 1979

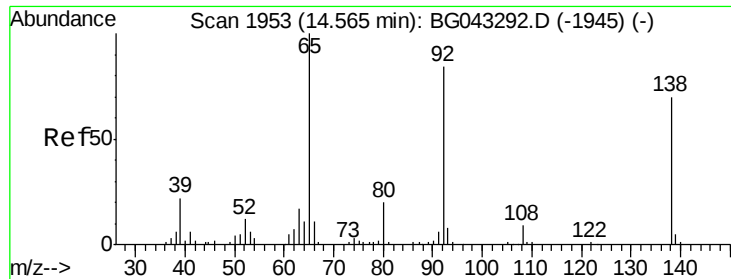
Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	154	Resp:	298027
Ion Ratio	Lower	Upper	
154	100		
153	117.2	90.9	136.3
152	54.7	43.9	65.9





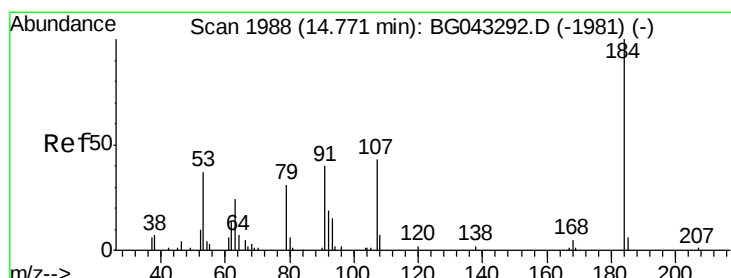
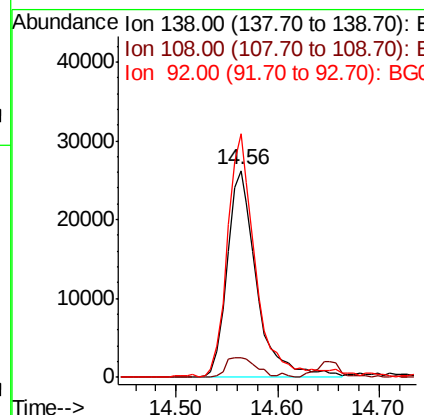
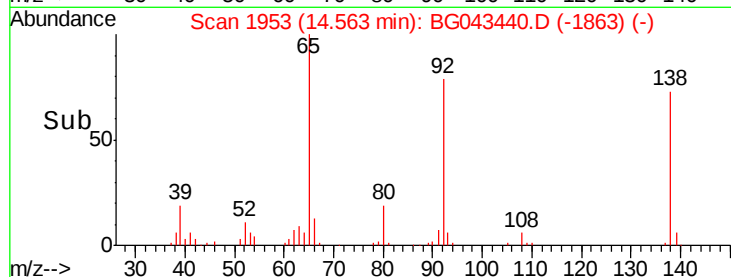
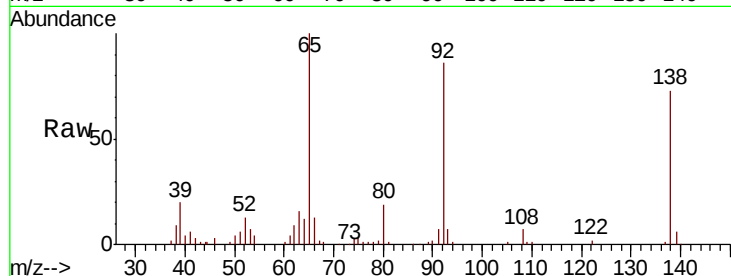
#53
 3-Nitroaniline
 Concen: 27.248 ng
 RT: 14.56 min Scan# 1953
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.6	9.8	14.6#
92	117.7	95.8	143.6

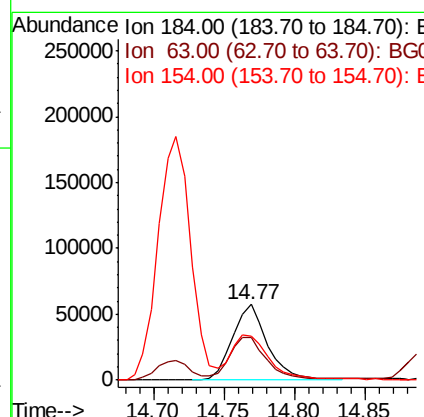
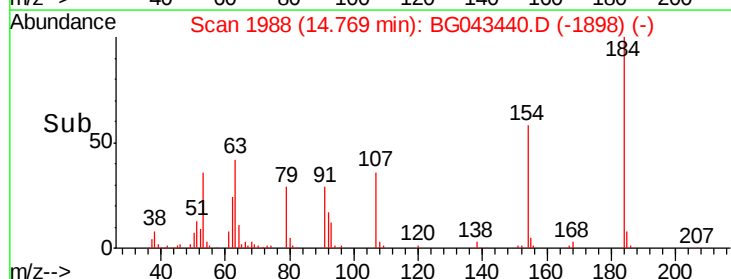
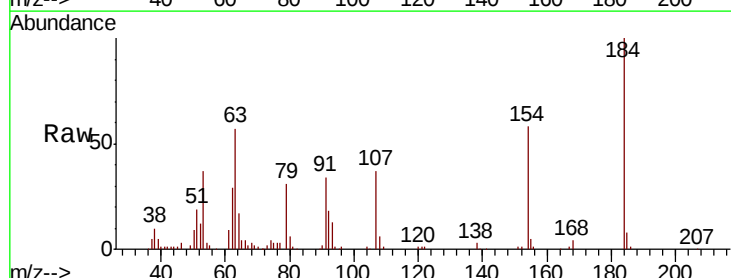
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#54
 2,4-Dinitrophenol
 Concen: 80.360 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.0	48.8	73.2
154	57.9	49.4	74.0





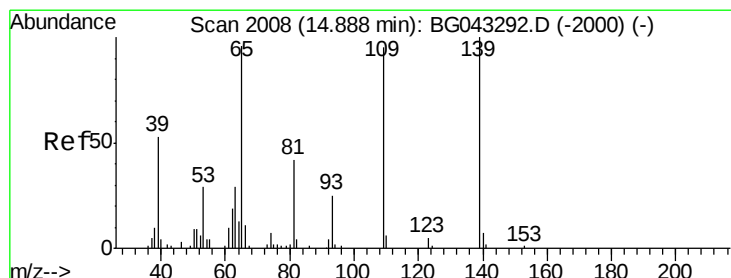
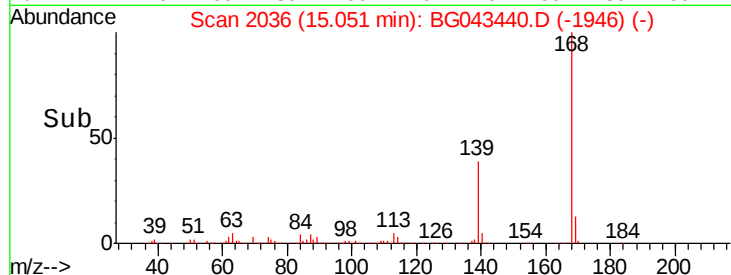
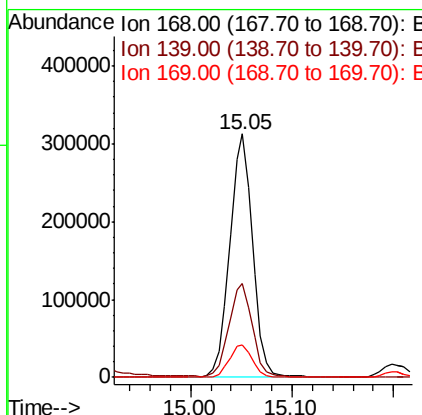
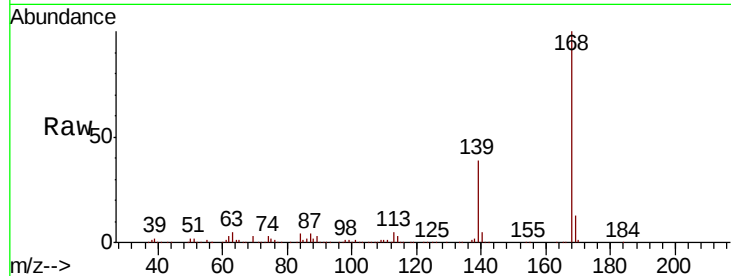
#55
Dibenzenofuran
Concen: 46.031 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.7	31.7	47.5
169	13.4	11.0	16.4

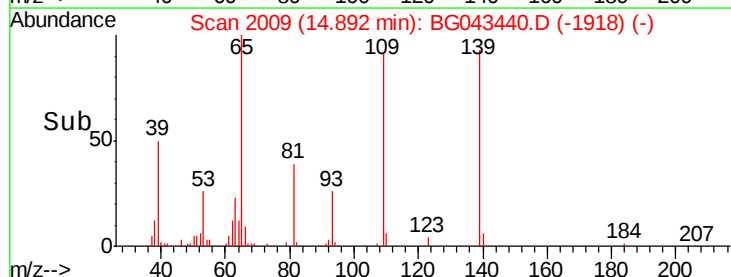
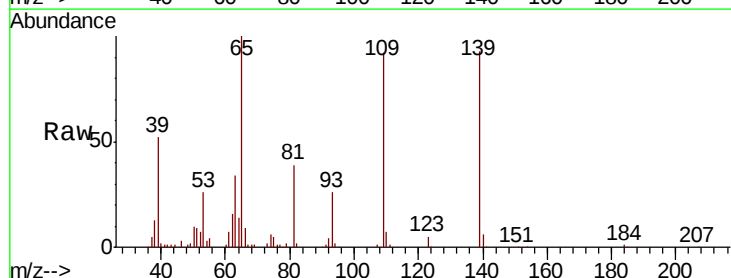
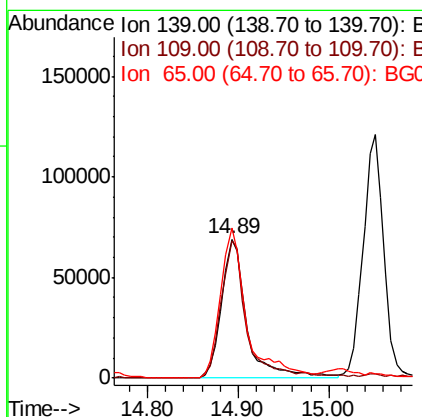
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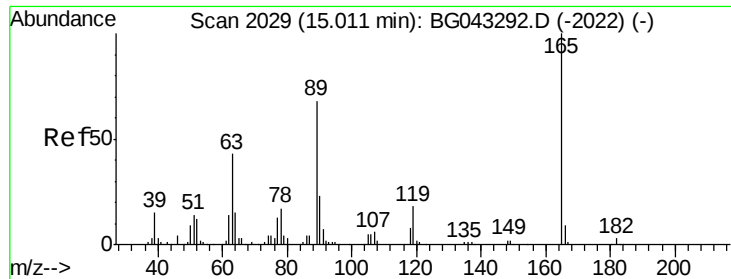
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#56
4-Nitrophenol
Concen: 103.636 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	98.8	75.4	115.4
65	107.8	76.6	116.6





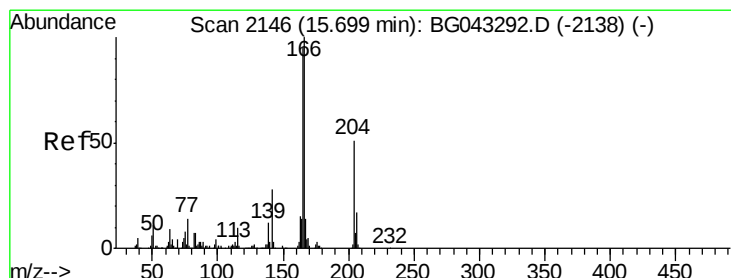
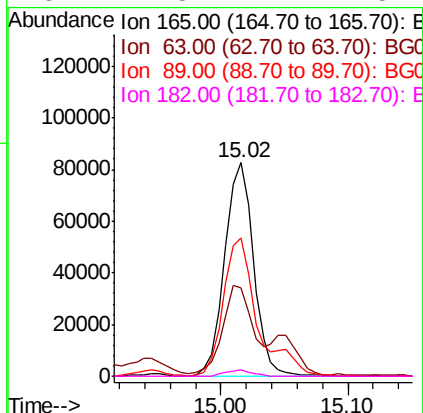
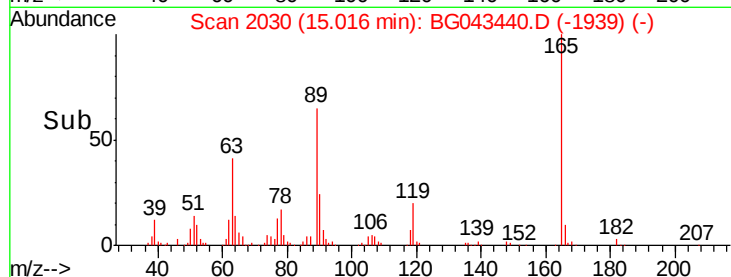
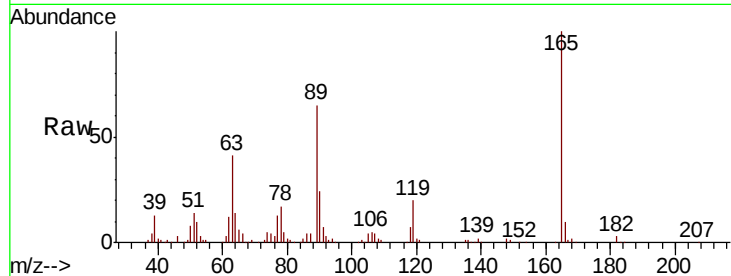
#57
2,4-Dinitrotoluene
Concen: 45.679 ng
RT: 15.02 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		130454		
63	41.2		35.0	52.6	
89	64.7		54.1	81.1	
182	2.8		2.2	3.2	

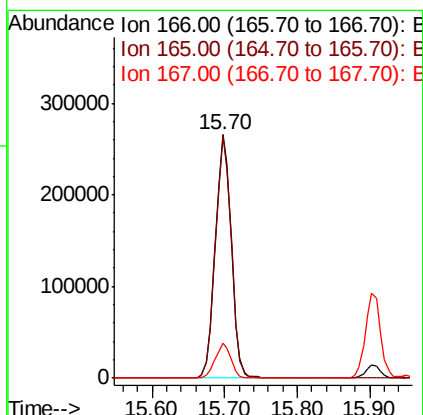
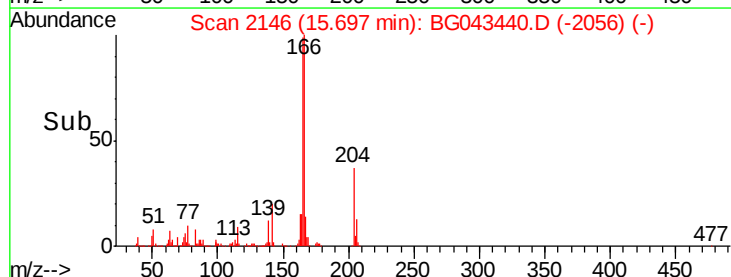
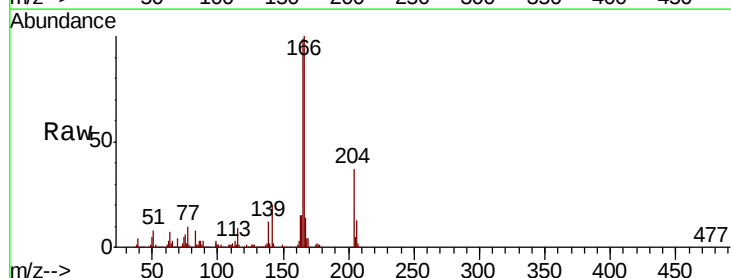
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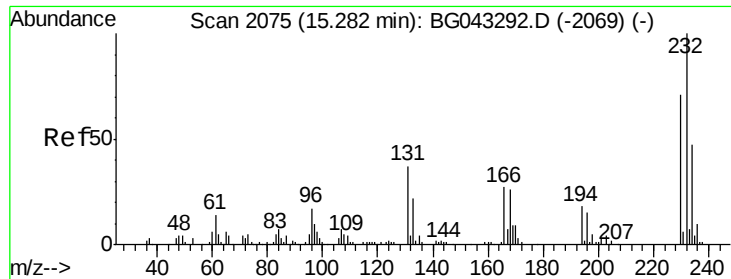
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#58
Fluorene
Concen: 45.925 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		407530		
165	99.3		76.4	114.6	
167	14.2		11.1	16.7	





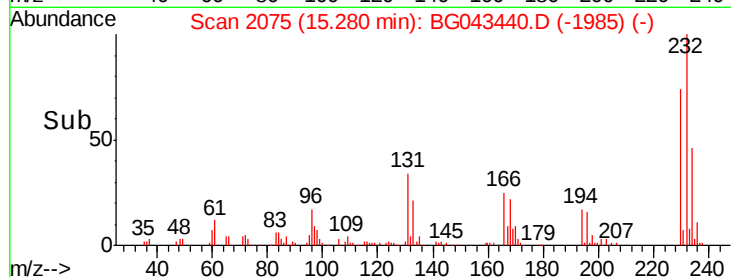
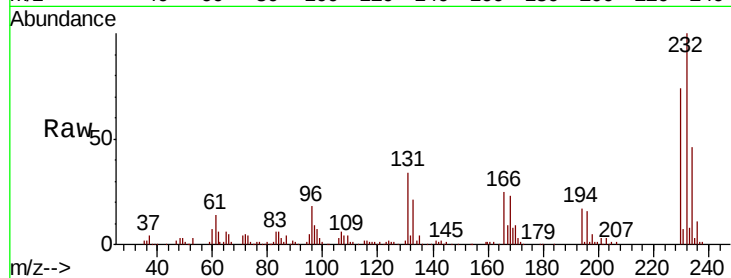
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.150 ng
RT: 15.28 min Scan# 2075
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

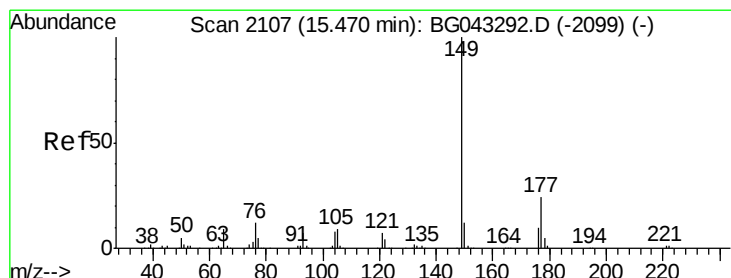
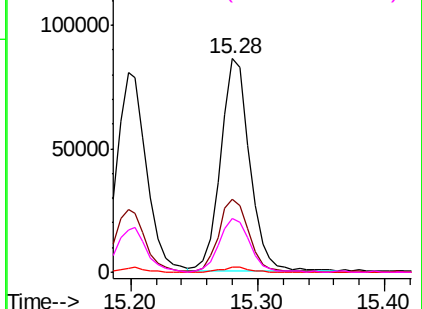
Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	36.2	28.7	43.1	
130	2.3	0.6	0.8	
166	26.6	21.1	31.7	

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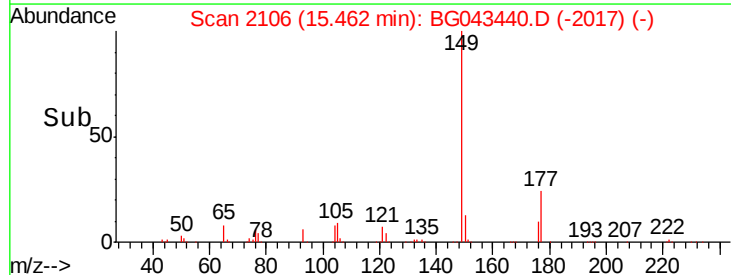
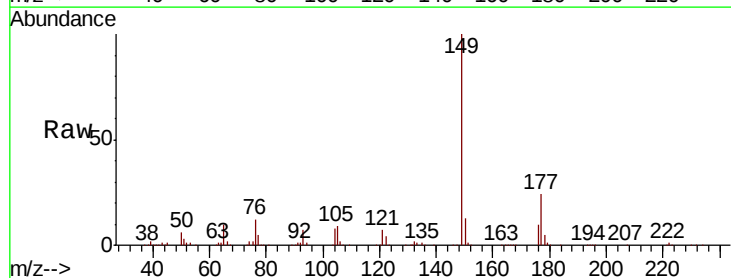


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

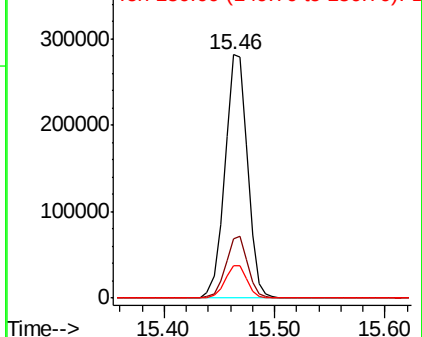


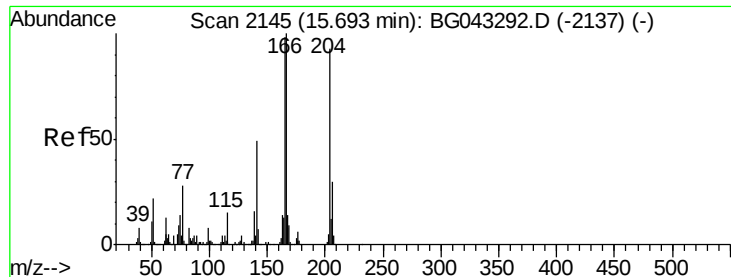
#60
Diethylphthalate
Concen: 43.639 ng
RT: 15.46 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.4	19.0	28.4	
150	13.4	9.4	14.0	



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





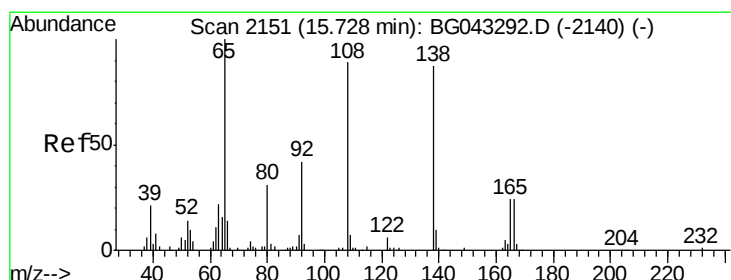
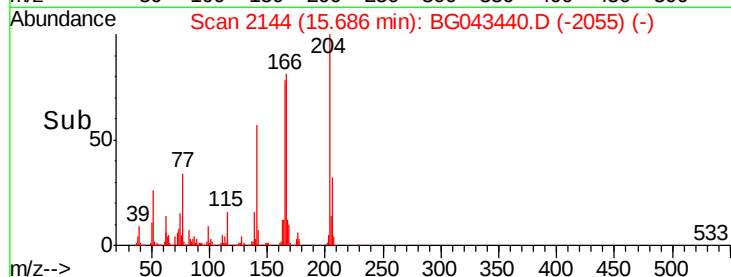
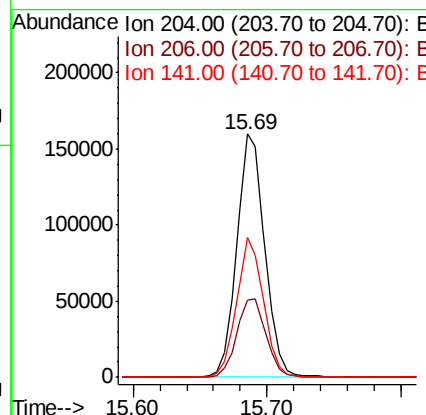
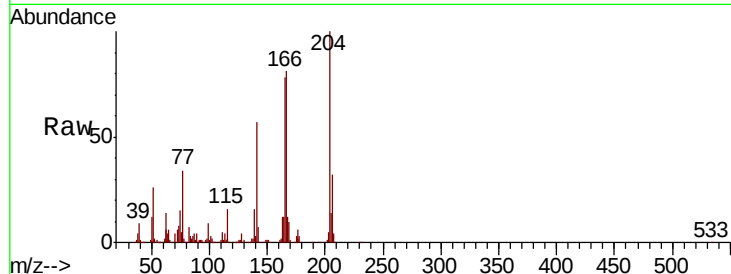
#61
4-Chlorophenyl-phenylether
Concen: 45.007 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.7	38.5
141	57.3	42.3	63.5

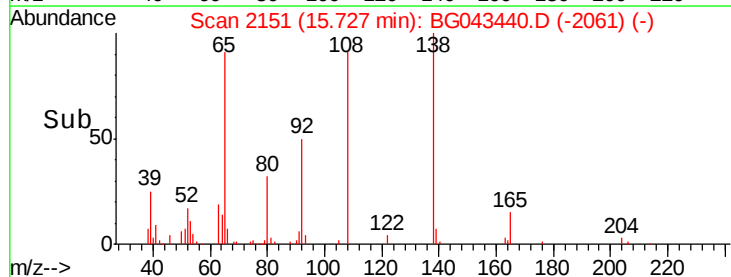
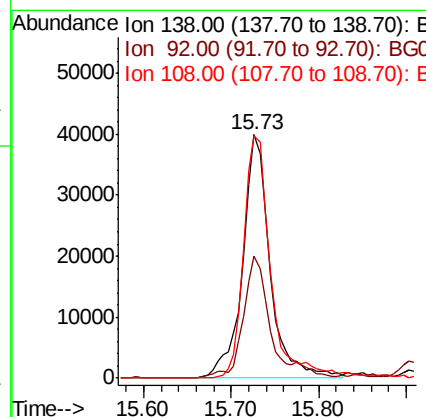
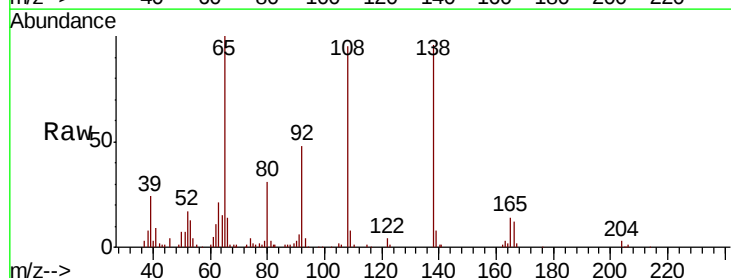
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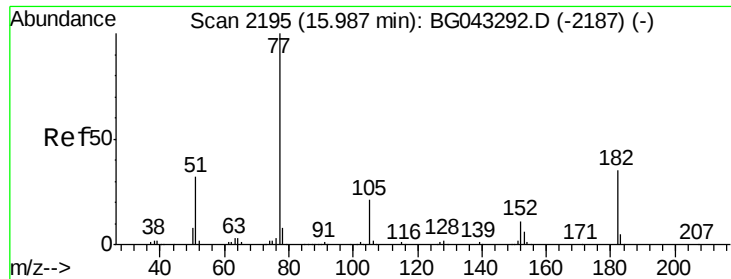
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#62
4-Nitroaniline
Concen: 42.463 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	28.8	68.8
108	99.4	82.7	122.7





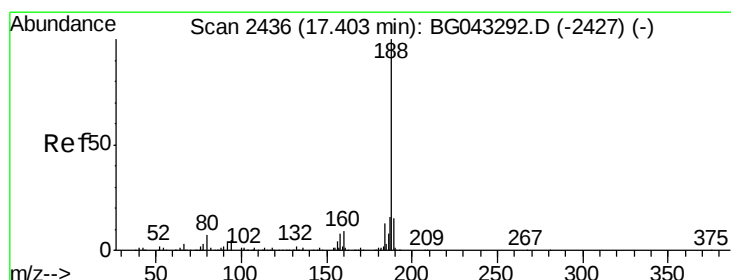
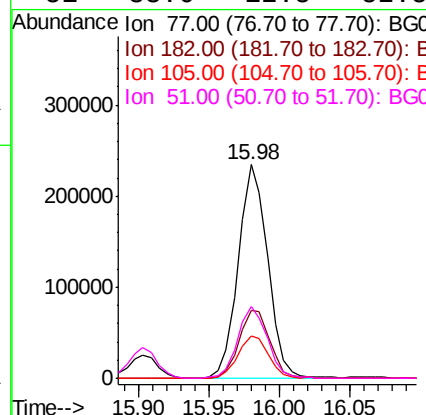
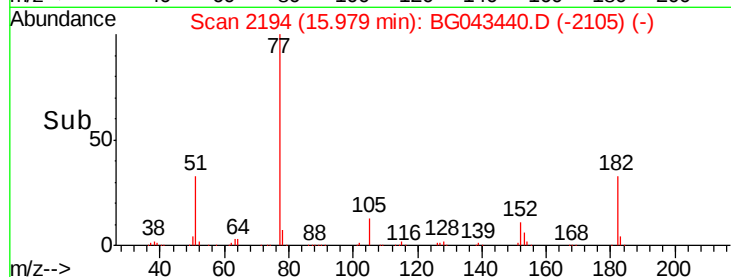
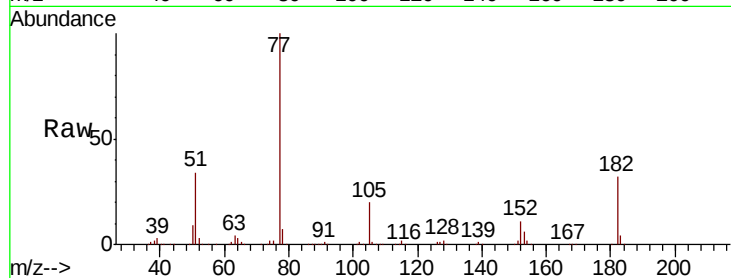
#63
Azobenzene
Concen: 45.344 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.8	14.9	54.9
105	19.8	0.6	40.6
51	33.6	12.5	52.5

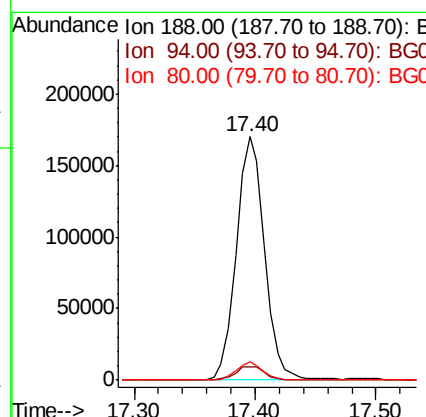
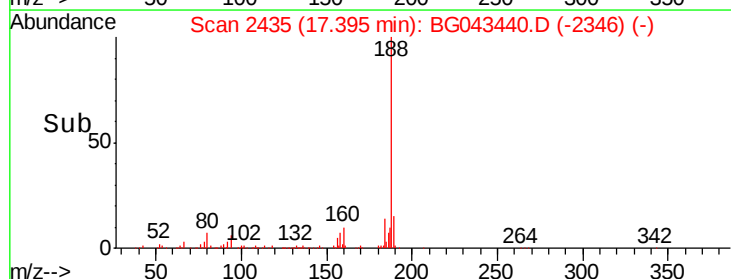
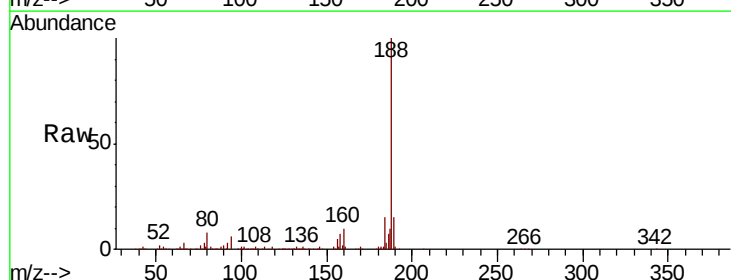
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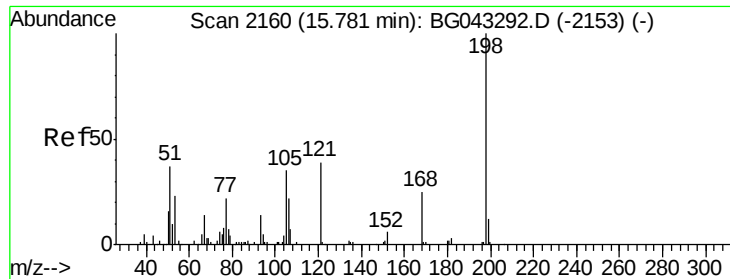
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	4.2	6.2
80	7.6	5.2	7.8





#65

4,6-Dinitro-2-methylphenol

Concen: 49.481 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

ClientSampleId :

CSA-2-1-11MS

Tot Ion:198 Resp: 80672

Ion Ratio Lower Upper

198 100

51 36.8 21.4 61.4

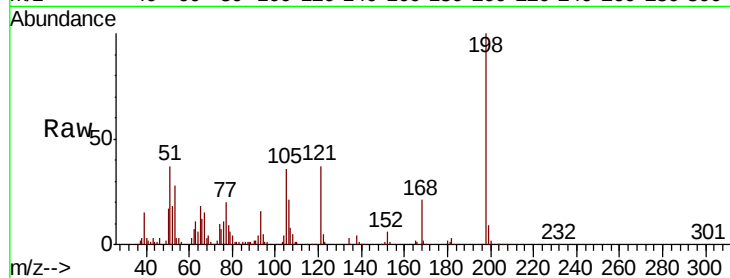
105 36.0 16.5 56.5

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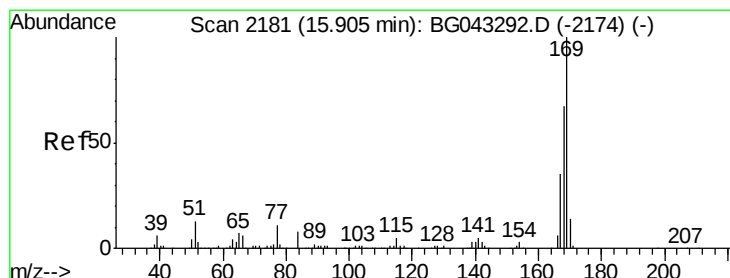
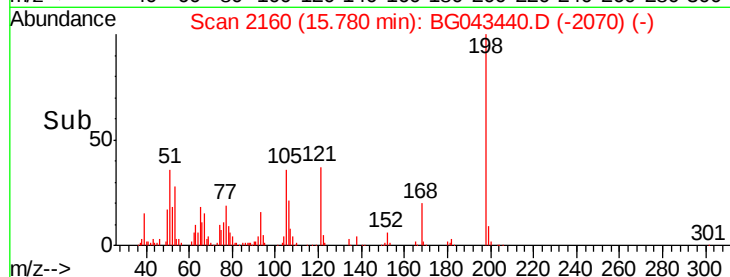
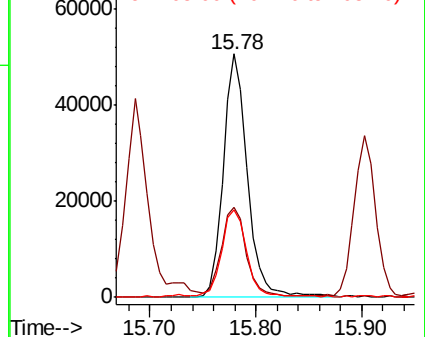
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.054 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

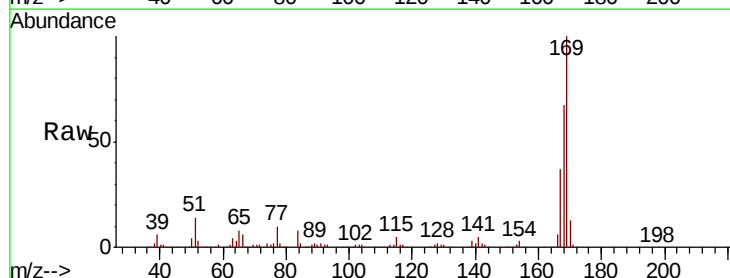
Tgt Ion:169 Resp: 360207

Ion Ratio Lower Upper

169 100

168 67.0 53.9 80.9

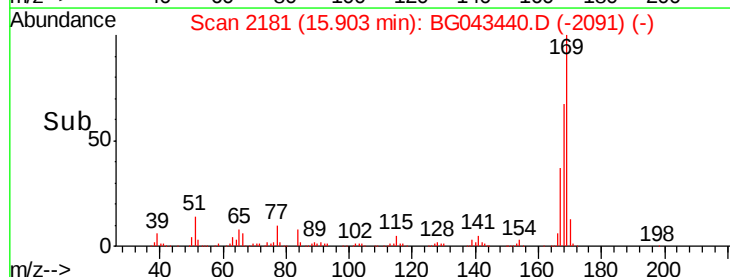
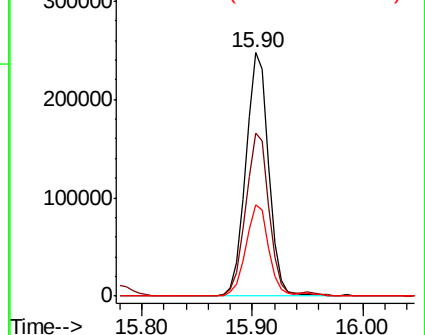
167 37.4 28.3 42.5

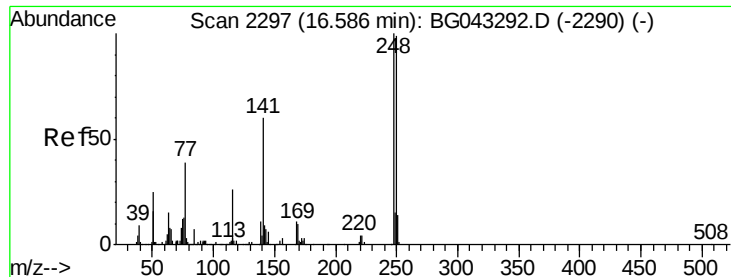


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





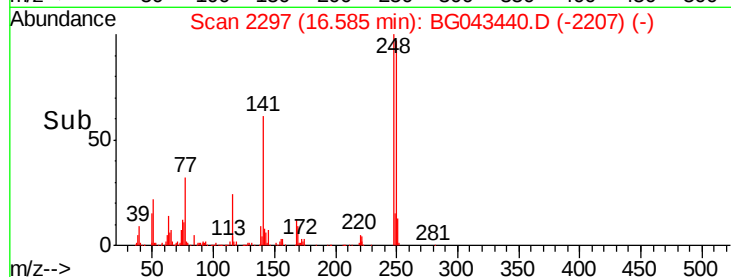
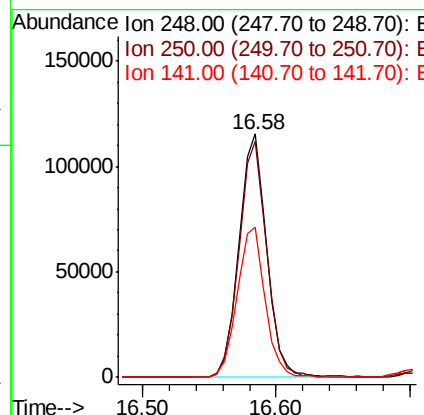
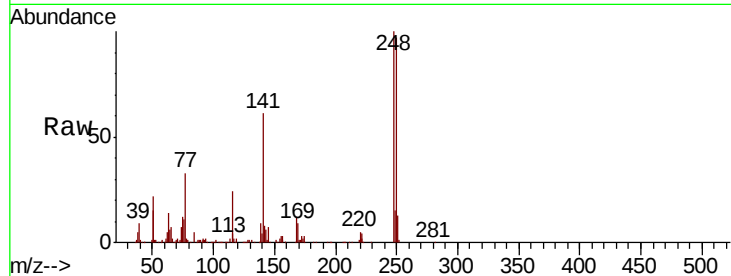
#67
4-Bromophenyl-phenylether
Concen: 44.645 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	79.3	118.9
141	61.5	47.9	71.9

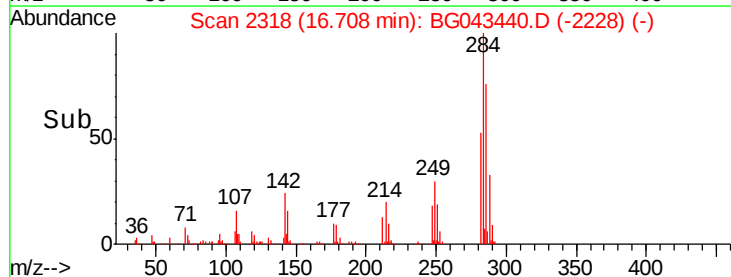
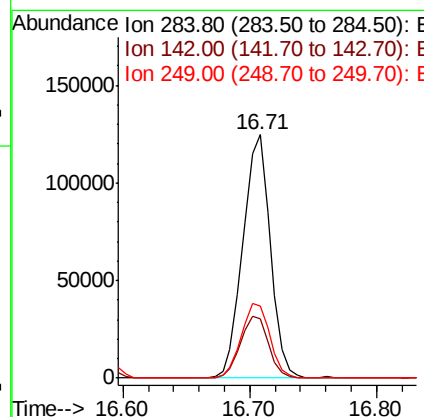
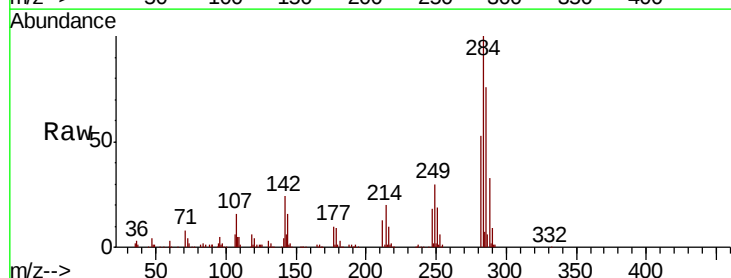
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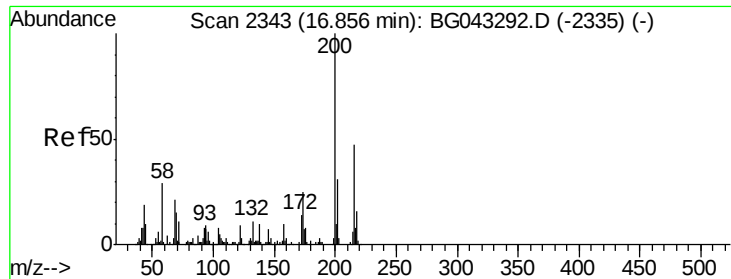
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#68
Hexachlorobenzene
Concen: 43.679 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.5	21.1	31.7
249	29.6	24.4	36.6





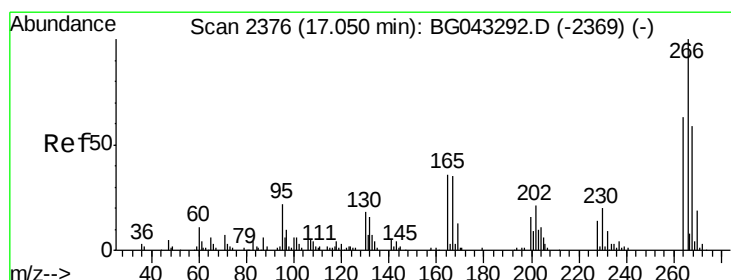
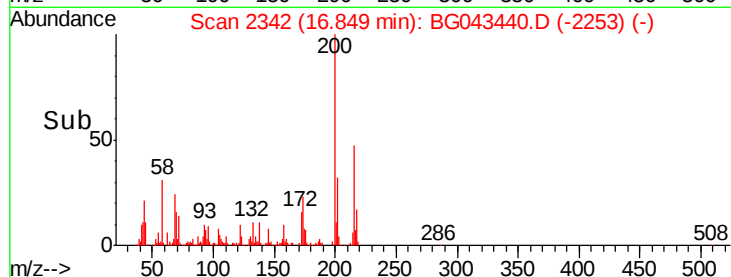
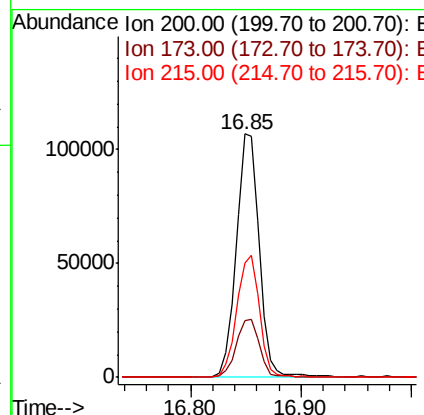
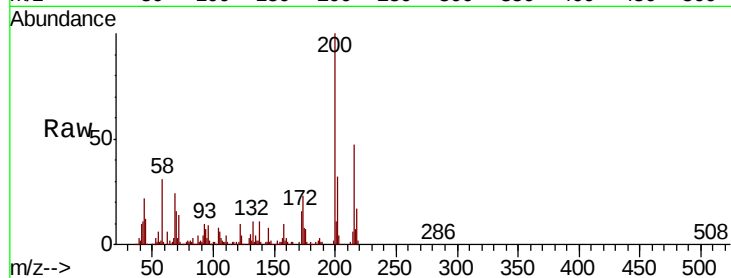
#69
Atrazine
Concen: 57.500 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	156272		
173	23.2	5.1	45.1	
215	46.9	26.6	66.6	

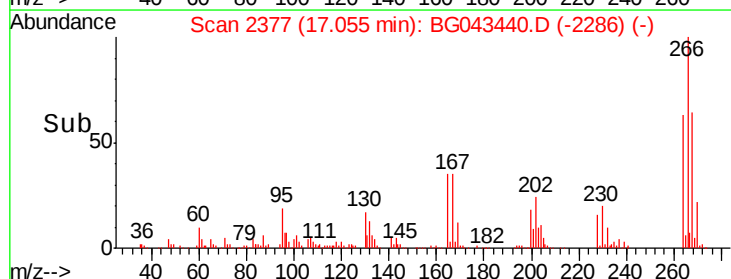
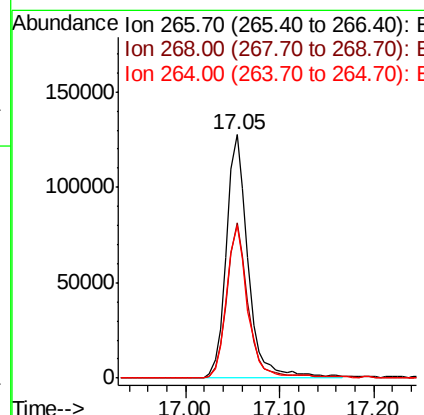
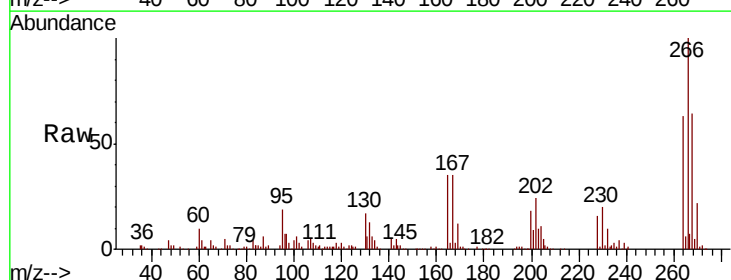
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#70
Pentachlorophenol
Concen: 105.870 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	206450		
268	63.9	47.1	70.7	
264	62.7	50.4	75.6	





#71

Phenanthrene

Concen: 45.649 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

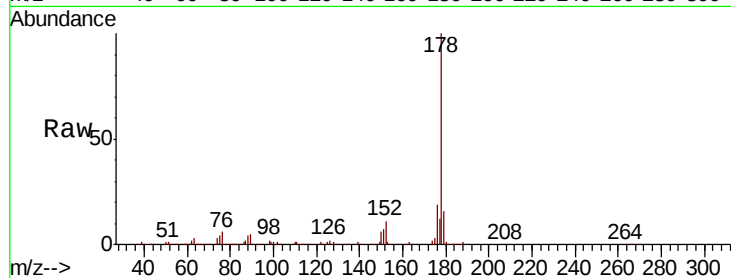
ClientSampleId :

CSA-2-1-11MS

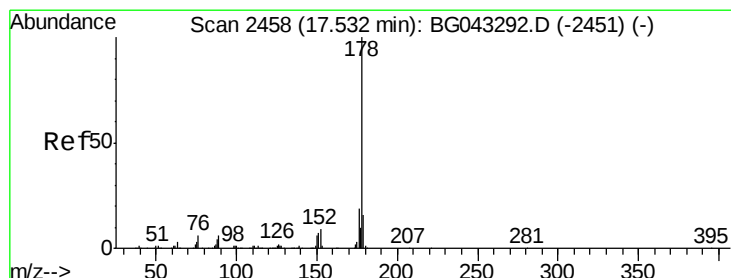
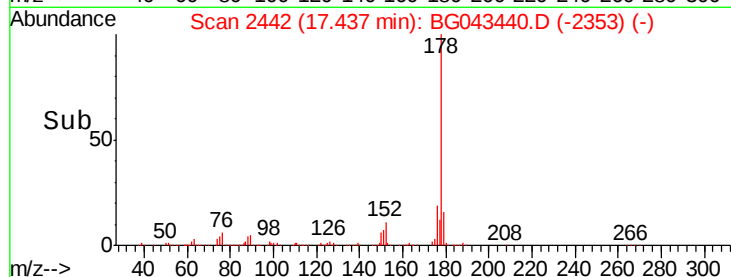
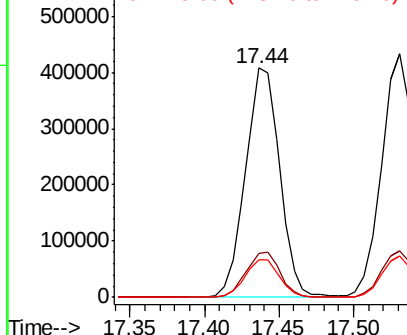
Tot Ion:178	Resp:	647594
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.8
179	16.5	13.1 19.7

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 47.178 ng

RT: 17.53 min Scan# 2458

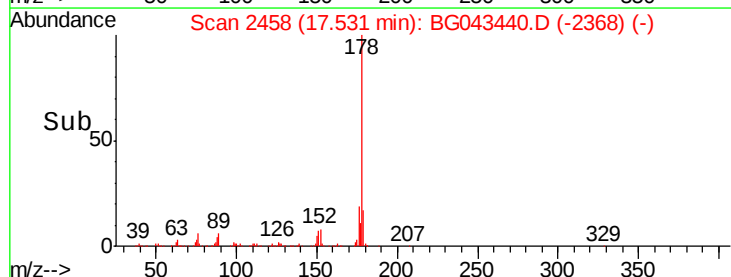
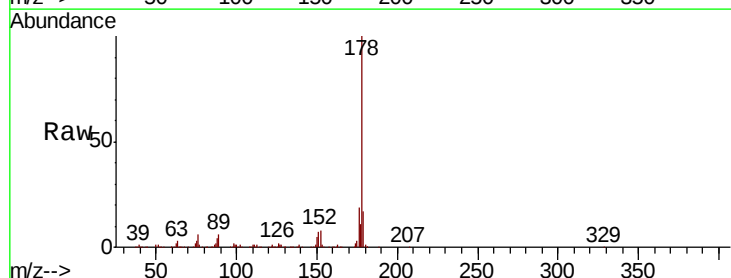
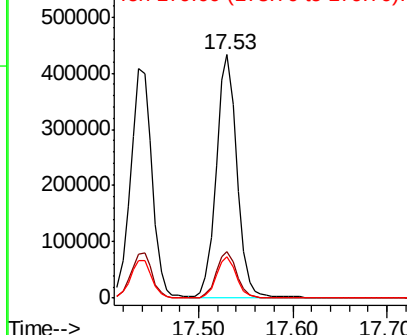
Delta R.T. -0.00 min

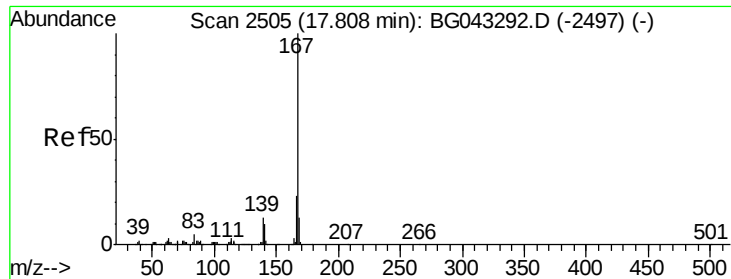
Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:178	Resp:	669624
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.1 22.7
179	16.8	13.0 19.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 46.704 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

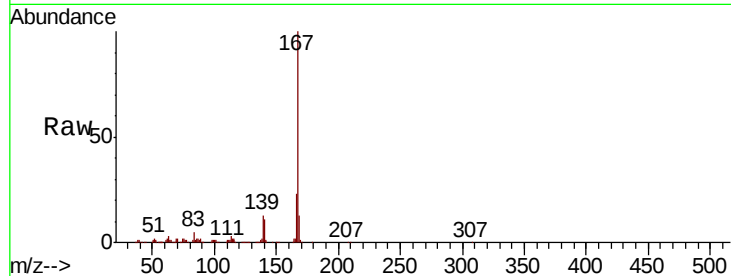
ClientSampleId :

CSA-2-1-11MS

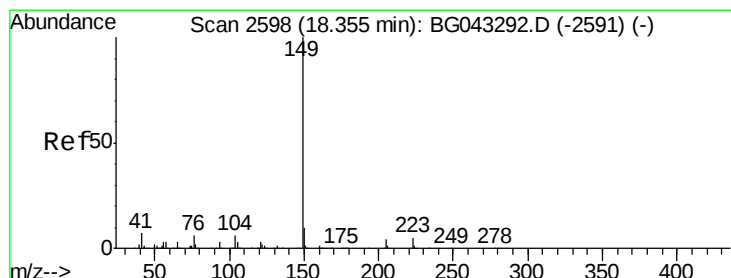
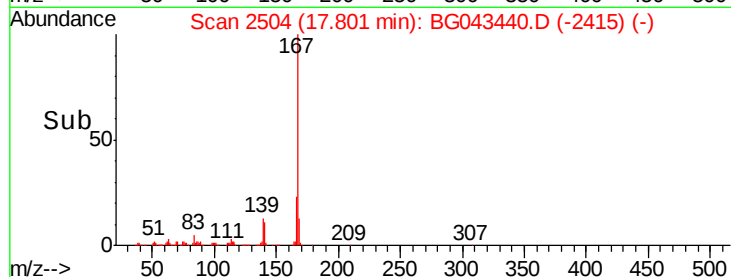
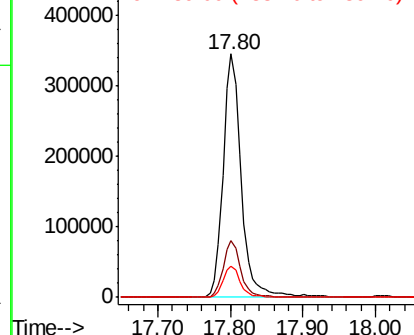
Tot Ion:	167	Resp:	600304
Ion Ratio	Lower	Upper	
167	100		
166	23.5	18.4	27.6
139	12.6	10.2	15.4

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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 44.936 ng

RT: 18.35 min Scan# 2598

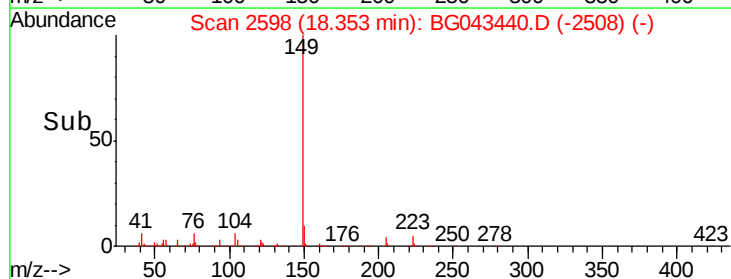
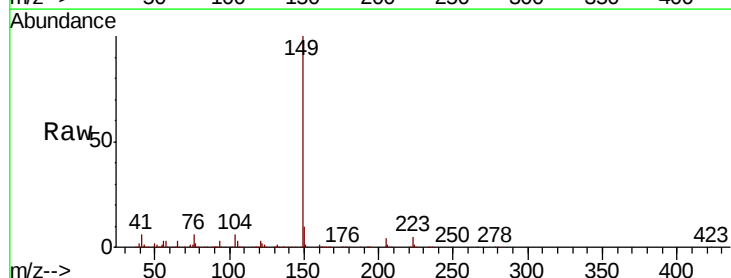
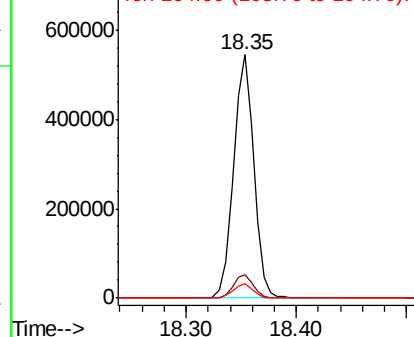
Delta R.T. -0.00 min

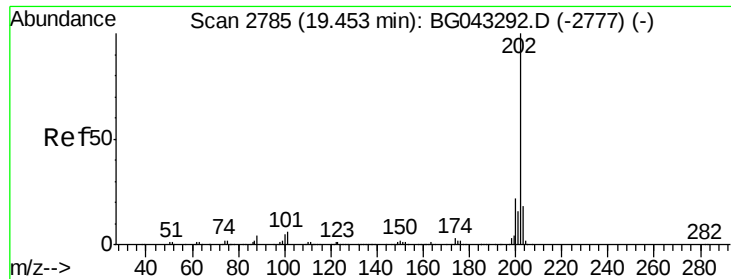
Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	149	Resp:	700807
Ion Ratio	Lower	Upper	
149	100		
150	9.5	8.0	12.0
104	5.9	4.7	7.1

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 46.391 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

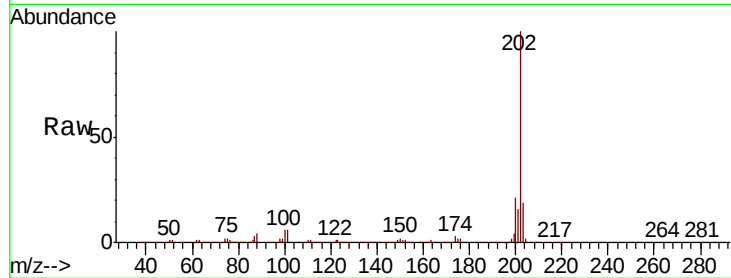
ClientSampleId :

CSA-2-1-11MS

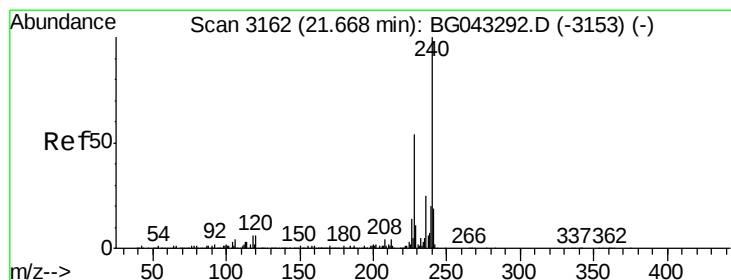
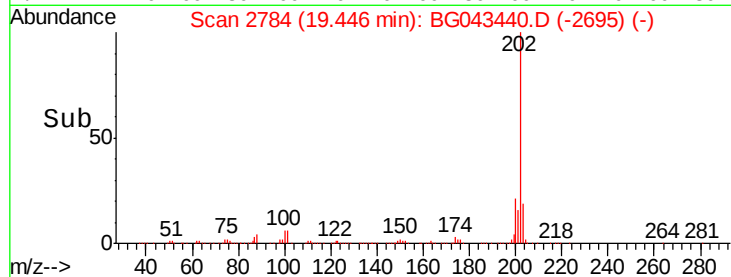
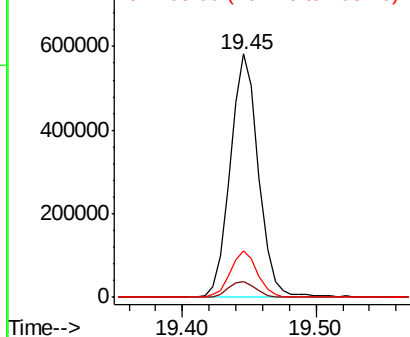
Tot Ion:	202	Resp:	857970
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	26.0
203	19.0	0.0	38.2

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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

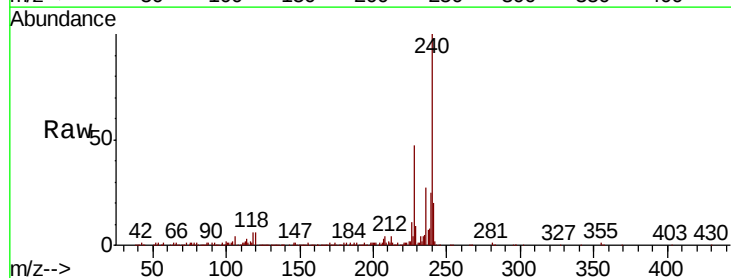
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

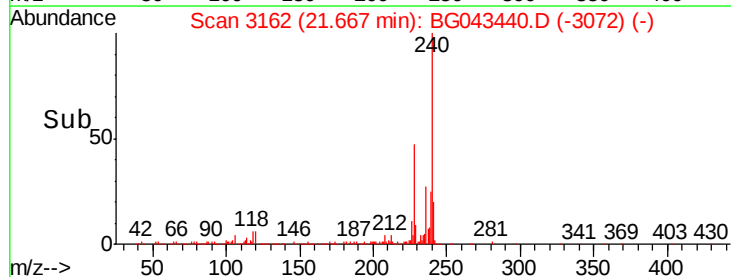
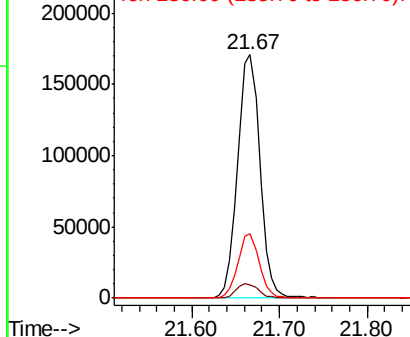
Lab File: BG043440.D

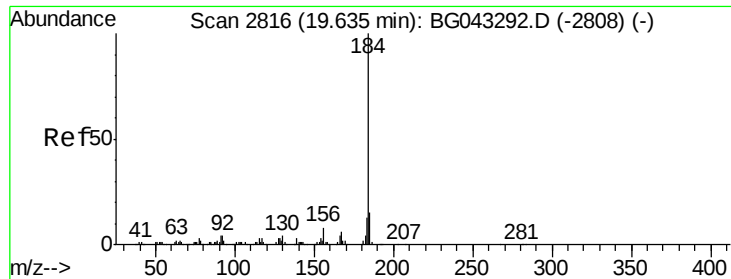
Acq: 31 Oct 2019 19:02

Tgt Ion:	240	Resp:	293955
Ion Ratio	Lower	Upper	
240	100		
120	5.5	4.6	7.0
236	26.6	20.2	30.4



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: 68.380 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

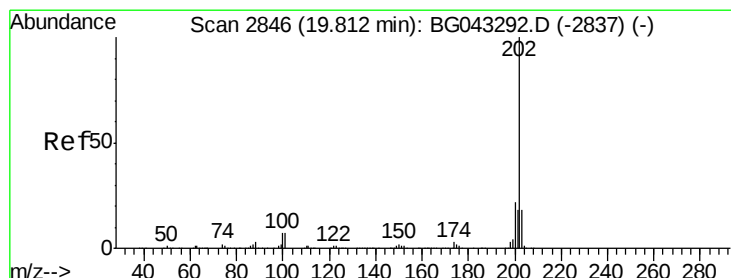
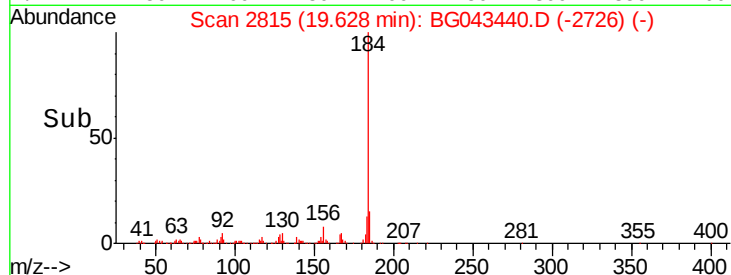
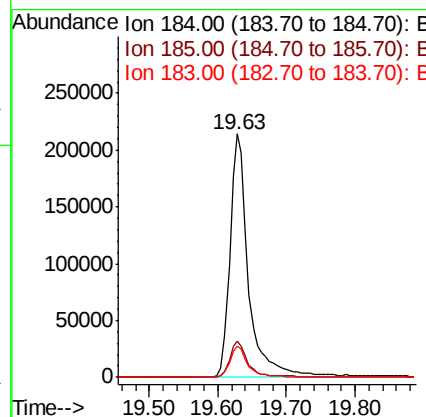
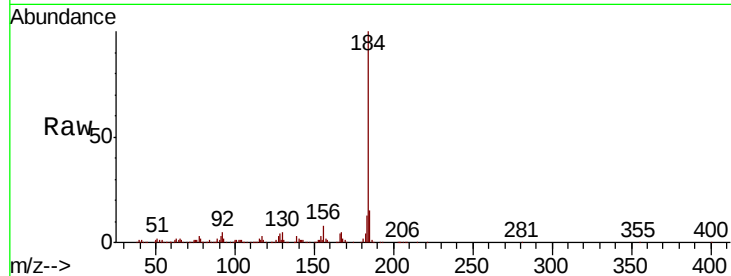
ClientSampleId :

CSA-2-1-11MS

Tot Ion:	184	Resp:	404533
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.8	17.6
183	12.6	10.6	16.0

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#78

Pyrene

Concen: 47.819 ng

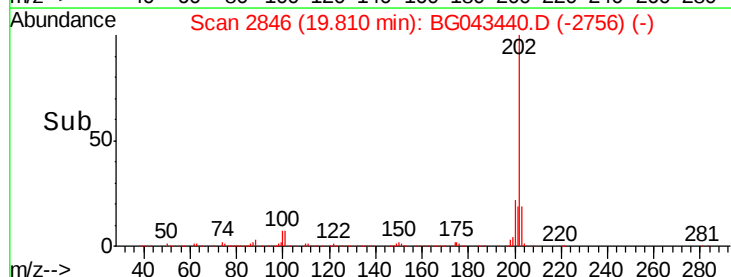
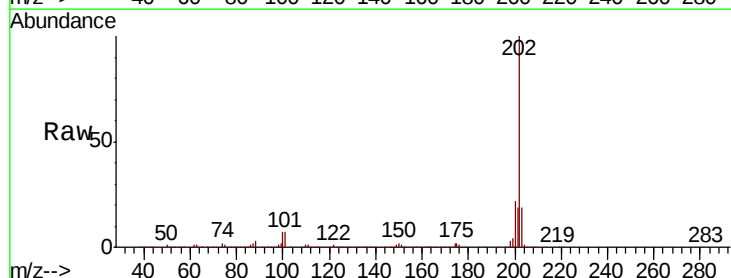
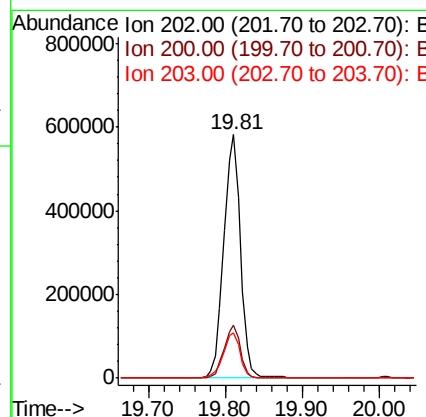
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	202	Resp:	870088
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.3	25.9
203	18.6	14.5	21.7





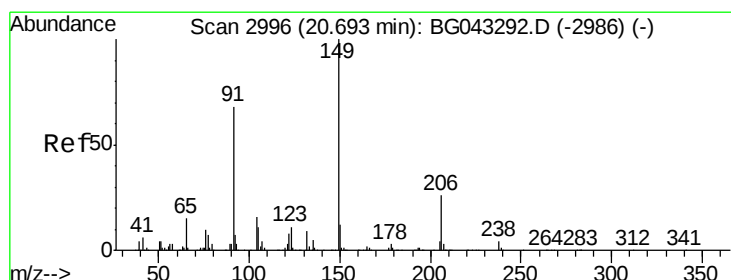
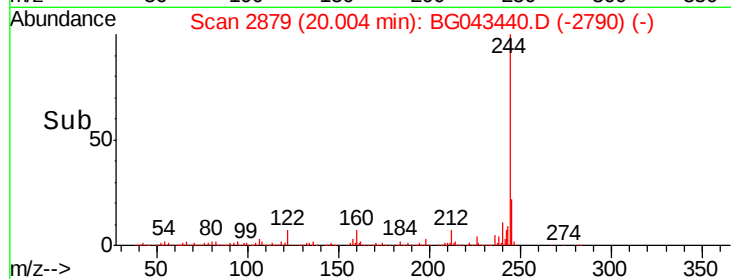
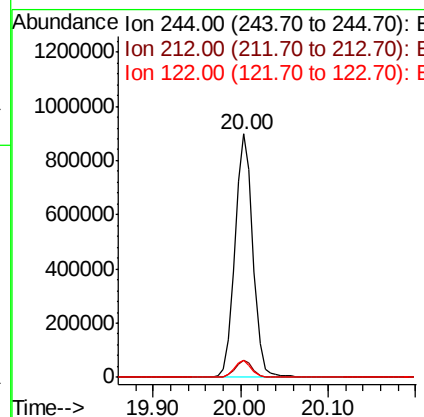
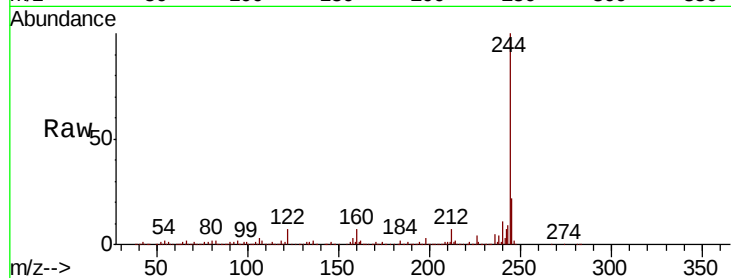
#79
 Terphenyl-d14
 Concen: 79.921 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	7.2	5.3	7.9

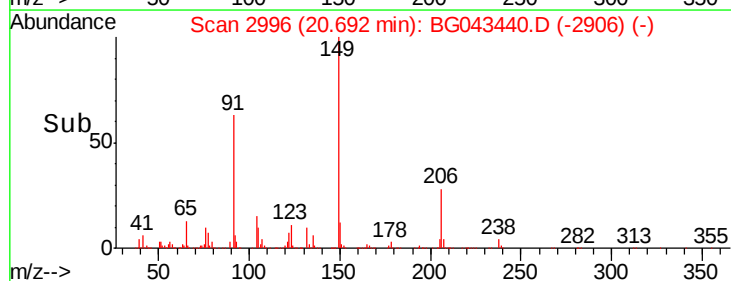
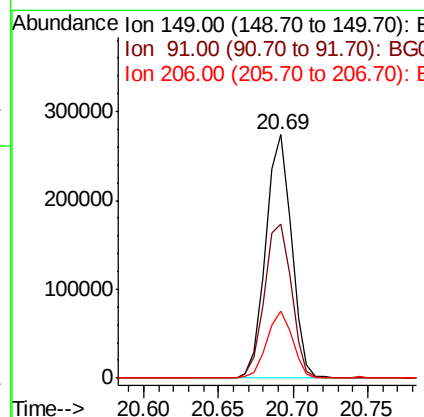
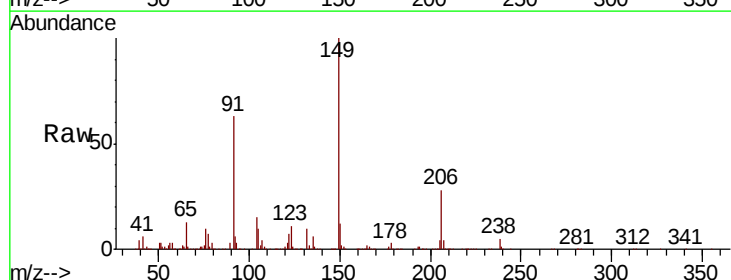
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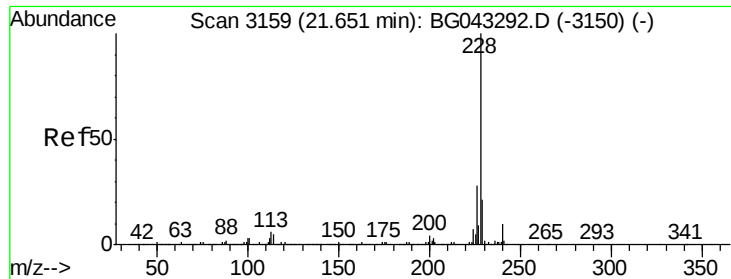
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#80
 Butylbenzylphthalate
 Concen: 47.316 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.2	54.6	82.0
206	27.7	20.5	30.7





#81

Benzo(a)anthracene

Concen: 48.562 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

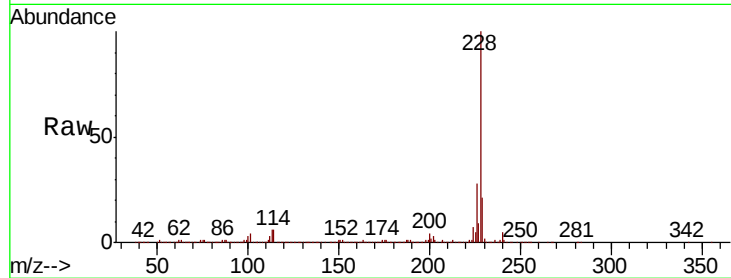
ClientSampleId :

CSA-2-1-11MS

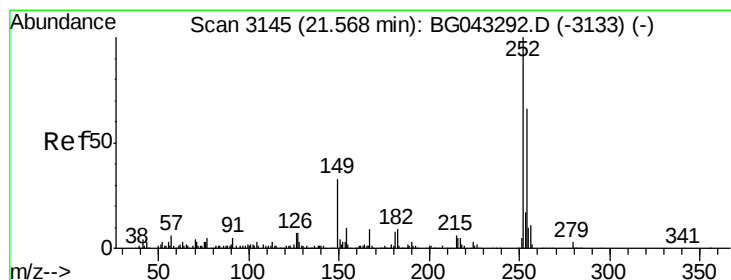
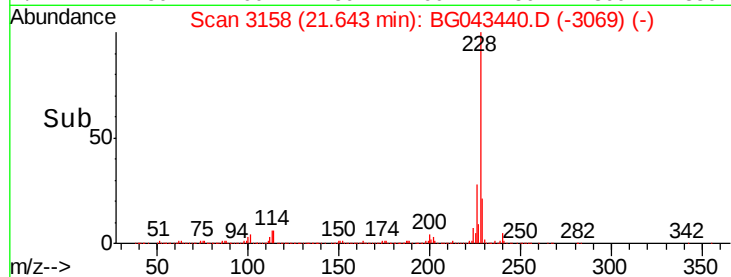
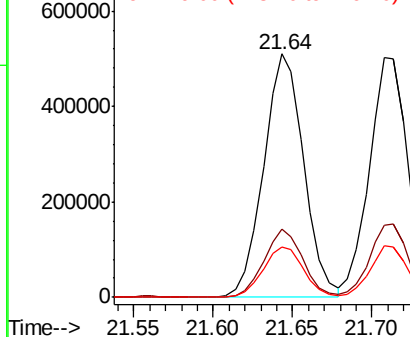
Tot Ion:	228	Resp:	894180
Ion Ratio	Lower	Upper	
228	100		
226	28.1	22.2	33.4
229	20.8	16.9	25.3

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 32.235 ng

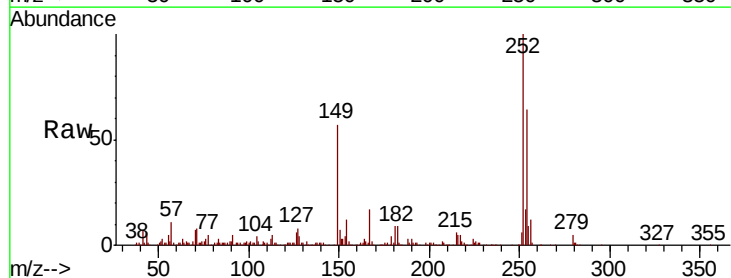
RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

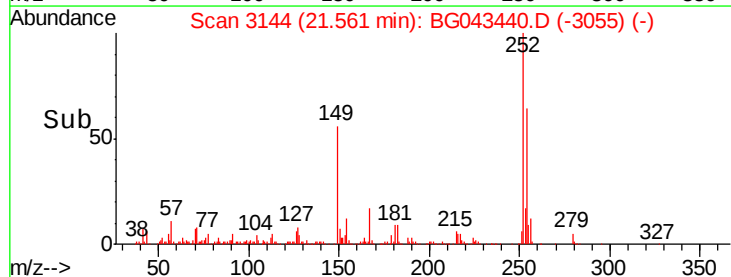
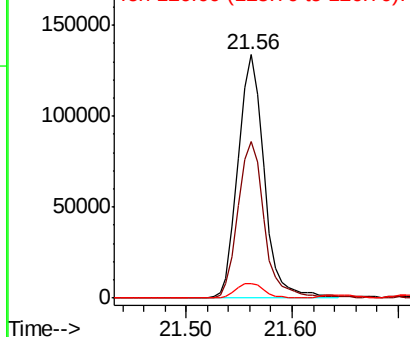
Lab File: BG043440.D

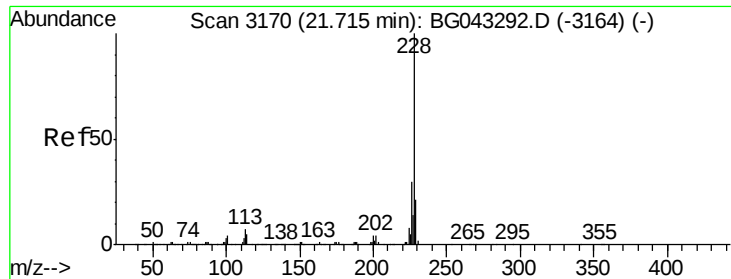
Acq: 31 Oct 2019 19:02

Tgt Ion:	252	Resp:	229572
Ion Ratio	Lower	Upper	
252	100		
254	64.1	52.7	79.1
126	6.1	5.6	8.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





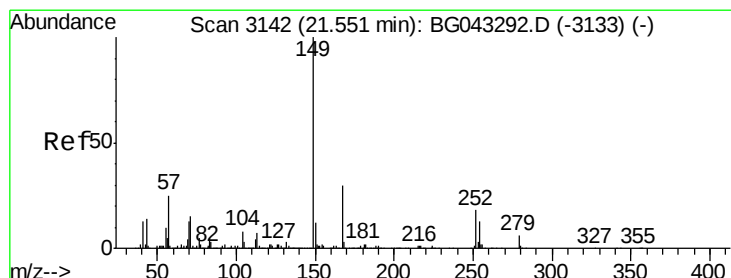
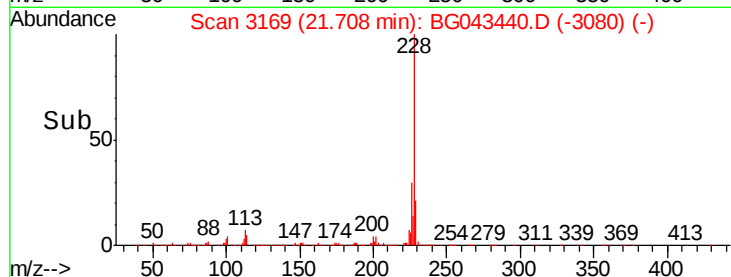
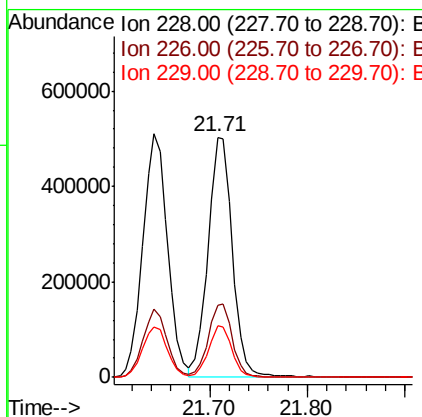
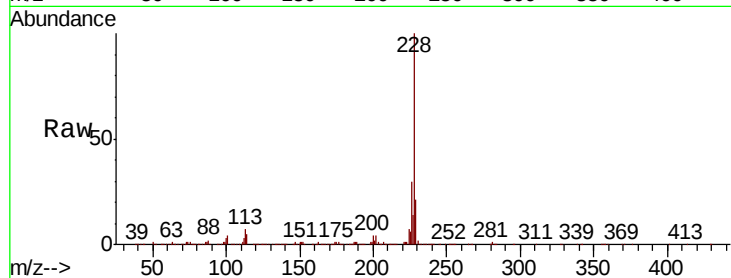
#83
 Chrysene
 Concen: 47.303 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Instrument :
 BNA_G
 ClientSampleId :
 CSA-2-1-11MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.8
229	21.4	16.3	24.5

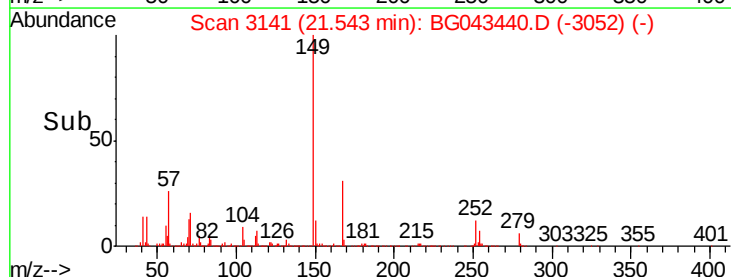
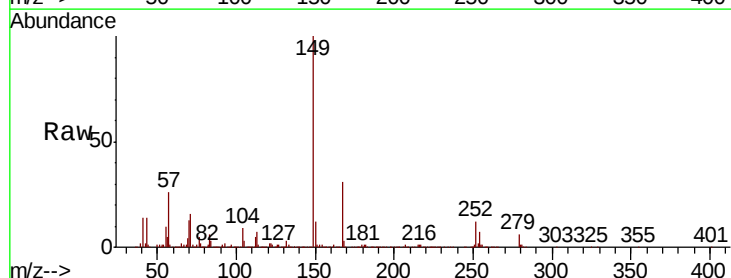
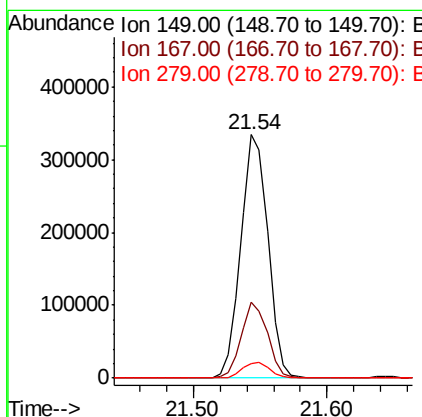
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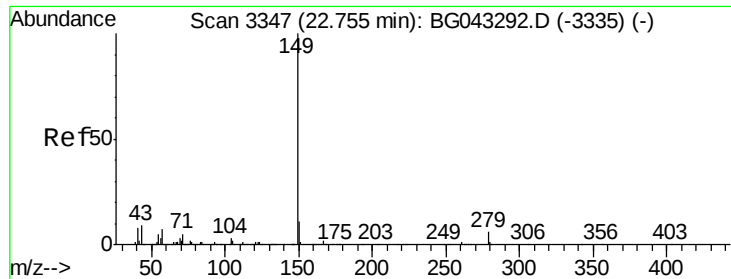
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 47.979 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043440.D
 Acq: 31 Oct 2019 19:02

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	23.9	35.9
279	6.2	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 48.943 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

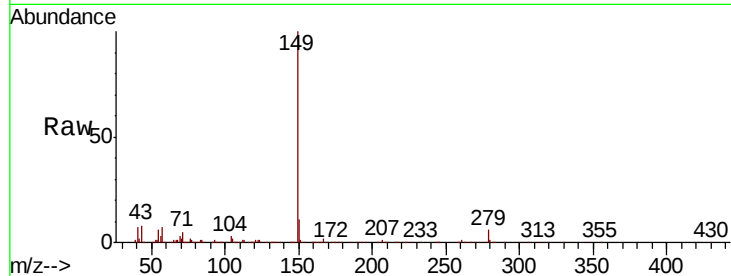
ClientSampleId :

CSA-2-1-11MS

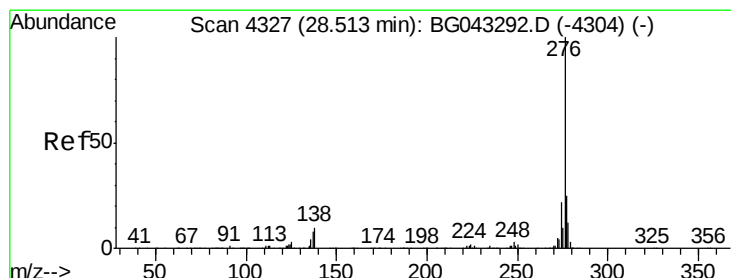
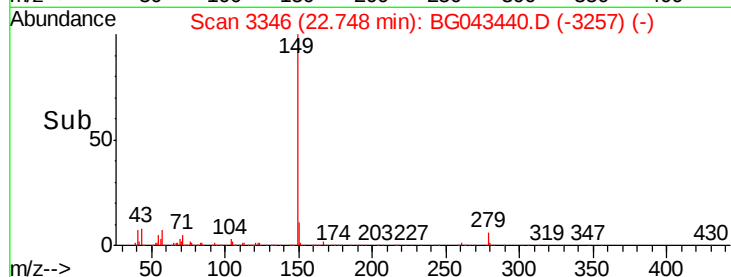
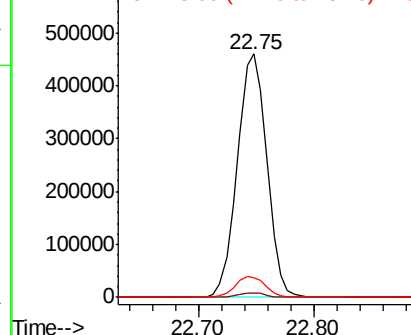
Tot Ion:	149	Resp:	813108
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.7	6.9	10.3

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.339 ng

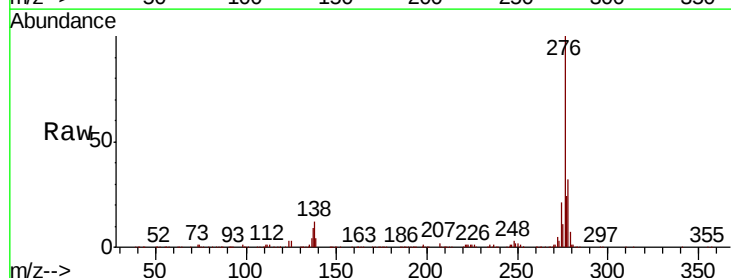
RT: 28.52 min Scan# 4329

Delta R.T. 0.01 min

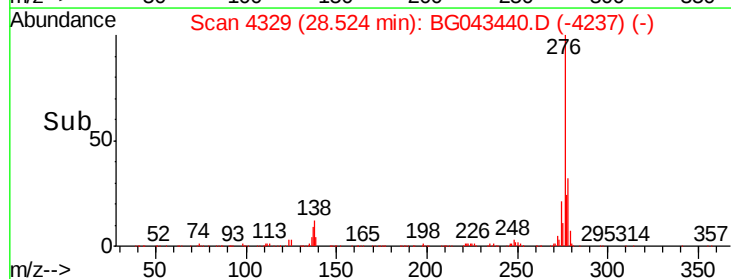
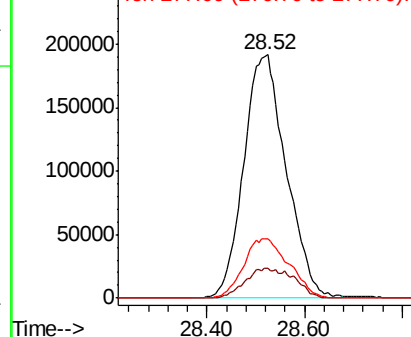
Lab File: BG043440.D

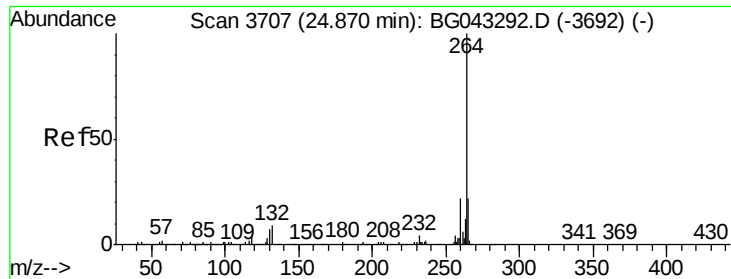
Acq: 31 Oct 2019 19:02

Tgt Ion:	276	Resp:	1156023
Ion Ratio	Lower	Upper	
276	100		
138	14.2	7.2	10.8#
277	26.2	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

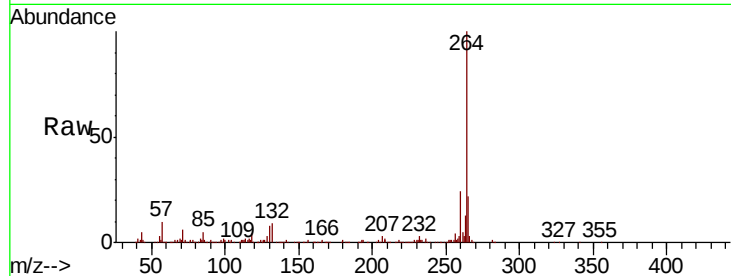
ClientSampleId :

CSA-2-1-11MS

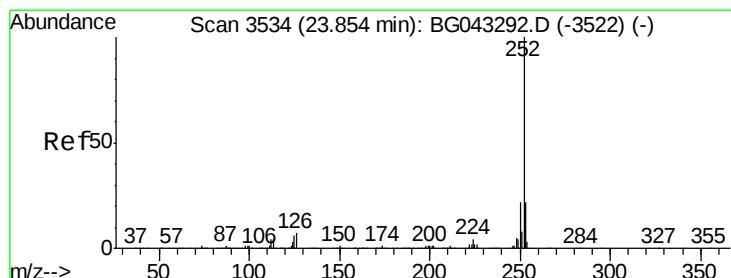
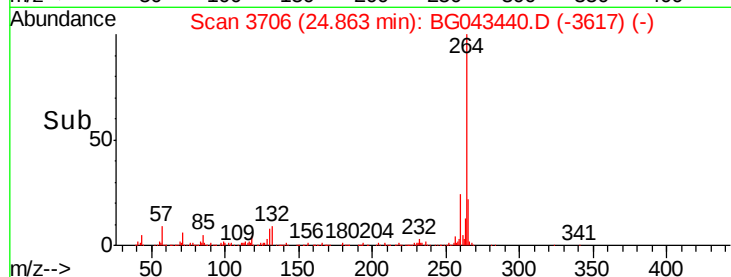
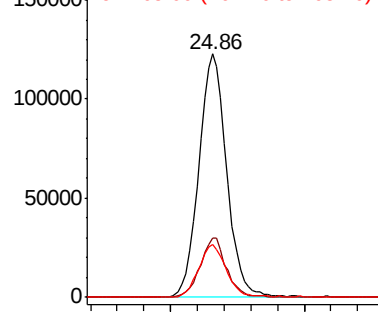
Tot Ion:	264	Resp:	358036
Ion Ratio	Lower	Upper	
264	100		
260	24.2	17.9	26.9
265	21.5	17.4	26.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 47.279 ng

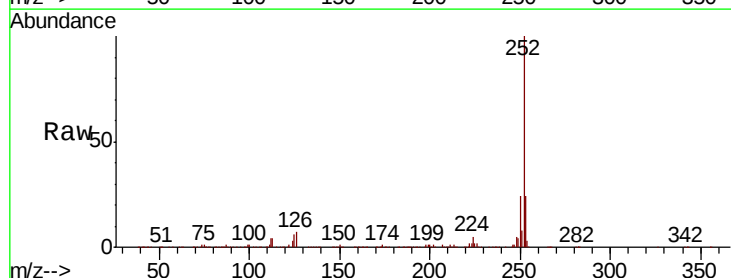
RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

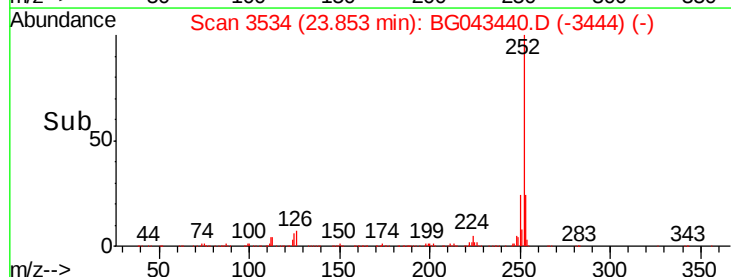
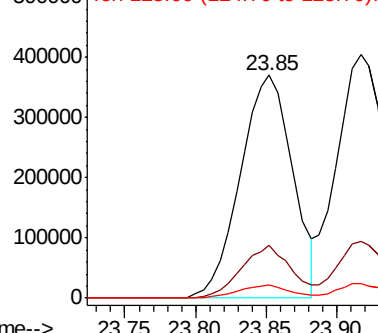
Lab File: BG043440.D

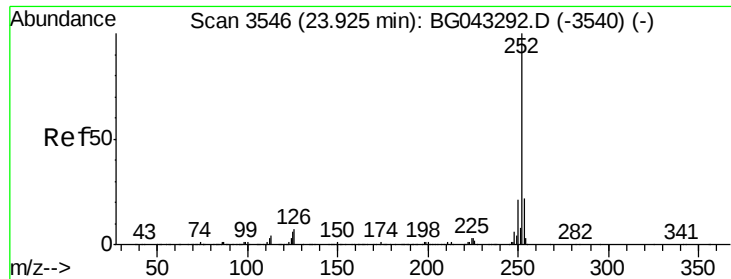
Acq: 31 Oct 2019 19:02

Tgt Ion:	252	Resp:	958731
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	5.9	5.0	7.6



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





#89

Benzo(k)fluoranthene

Concen: 47.557 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Instrument :

BNA_G

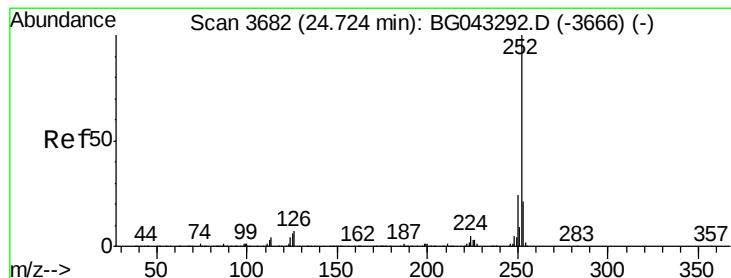
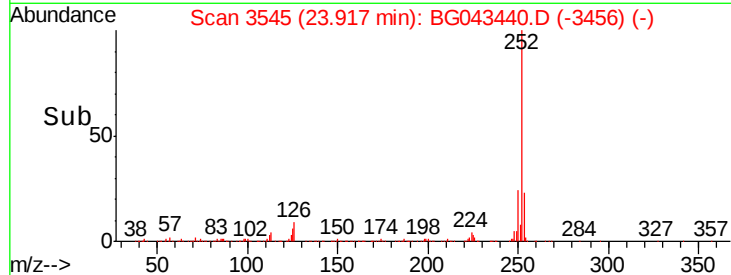
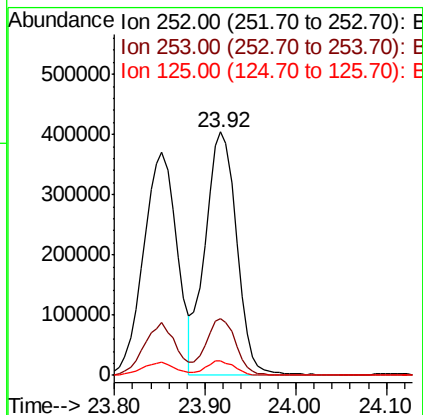
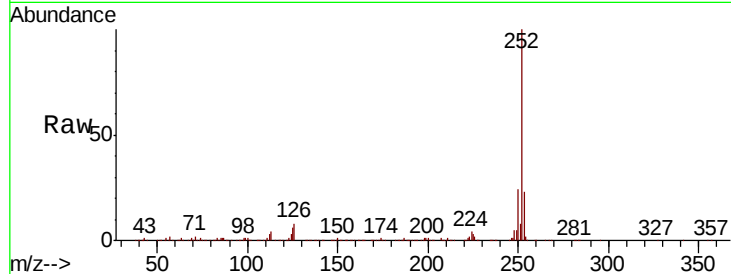
ClientSampled :

CSA-2-1-11MS

Tot Ion:	252	Resp:	970821
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.6	26.4
125	5.8	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 45.854 ng

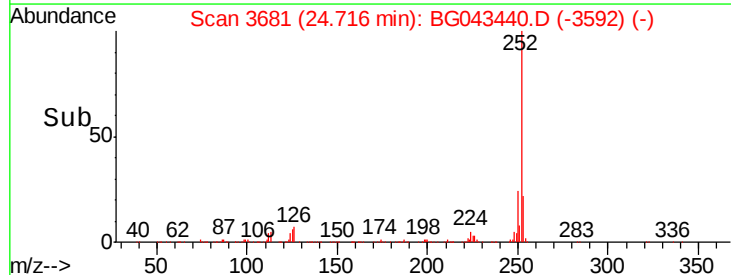
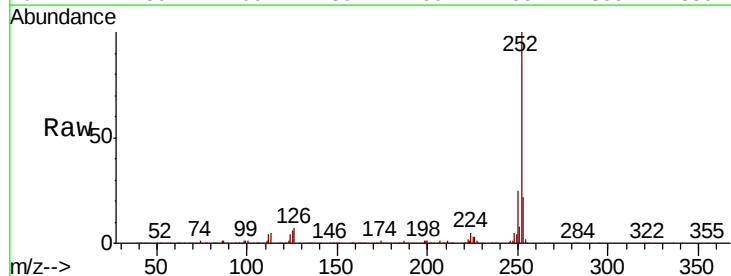
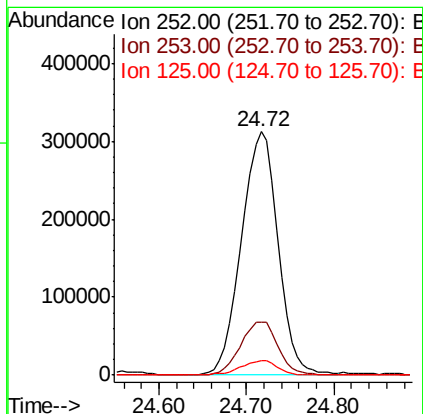
RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043440.D

Acq: 31 Oct 2019 19:02

Tgt Ion:	252	Resp:	887910
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.2	25.8
125	5.9	5.0	7.6





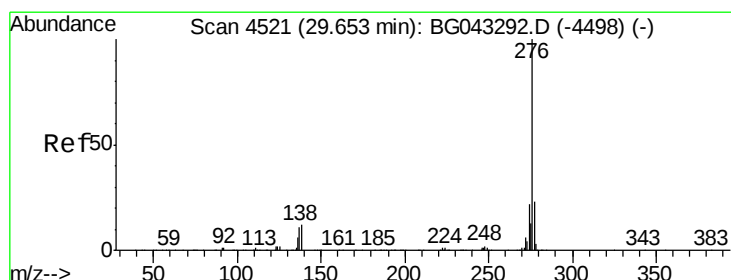
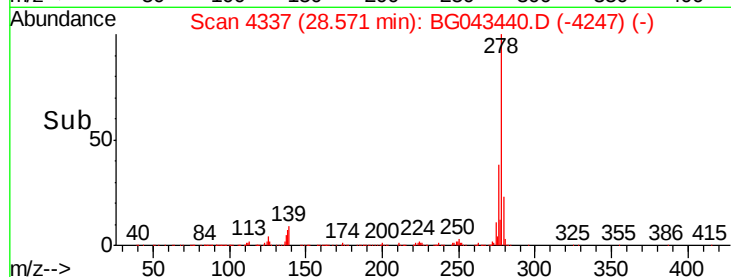
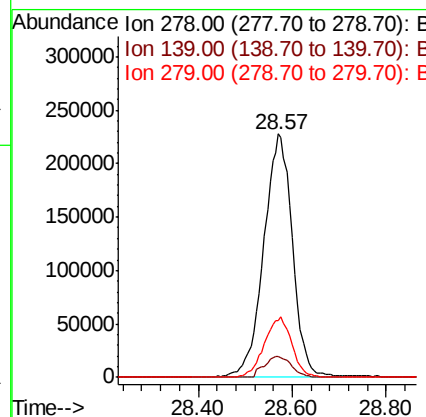
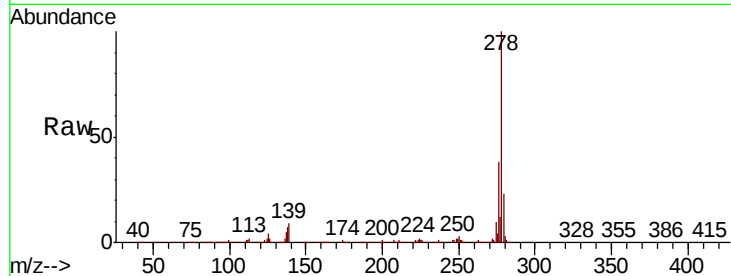
#91
Dibenzo(a,h)anthracene
Concen: 48.801 ng
RT: 28.57 min Scan# 4337
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Instrument :
BNA_G
ClientSampleId :
CSA-2-1-11MS

Tot Ion:278	Resp:	966581
Ion Ratio	Lower	Upper
278 100		
139 8.6	6.8	10.2
279 23.4	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 49.659 ng
RT: 29.65 min Scan# 4521
Delta R.T. -0.00 min
Lab File: BG043440.D
Acq: 31 Oct 2019 19:02

Tgt Ion:276	Resp:	970190
Ion Ratio	Lower	Upper
276 100		
277 24.1	18.3	27.5
138 11.7	9.3	13.9

