

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109339.D
 Acq On : 26 Sep 2018 16:27
 Operator : JU/SJ
 Sample : J5070-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Manual Integrations
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Sohil
 9/27/2018 1:31:13 PM

Quant Time: Sep 27 05:48:25 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	104835	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	397531	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	186886	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	341333	20.00	ng	0.00
75) Chrysene-d12	13.84	240	229986	20.00	ng	0.00
86) Perylene-d12	15.24	264	273976	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	724386	113.81	ng	0.00
7) Phenol-d6	6.36	99	926317	114.05	ng	0.00
23) Nitrobenzene-d5	7.27	82	579493	86.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	228958	124.28	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	819820	66.16	ng	0.00
78) Terphenyl-d14	12.80	244	607608	64.84	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	78217	26.683	ng	92
3) Pyridine	3.11	79	224446	29.749	ng	91
4) n-Nitrosodimethylamine	3.03	42	110950	34.555	ng	# 99
6) Aniline	6.37	93	265129	25.515	ng	# 19
8) 2-Chlorophenol	6.50	128	237808	33.598	ng	94
9) Benzaldehyde	6.25	77	143816	27.564	ng	99
10) Phenol	6.37	94	313657	34.101	ng	# 71
11) bis(2-Chloroethyl)ether	6.45	93	224977	31.259	ng	98
12) 1,3-Dichlorobenzene	6.65	146	256884	31.522	ng	99
13) 1,4-Dichlorobenzene	6.73	146	262527	31.976	ng	98
14) 1,2-Dichlorobenzene	6.88	146	243192	32.110	ng	97
15) Benzyl Alcohol	6.85	79	213923	34.410	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	318114	31.161	ng	95
17) 2-Methylphenol	6.97	107	192851	33.674	ng	97
18) Hexachloroethane	7.22	117	92793	32.081	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	168470	31.656	ng	97
20) 3+4-Methylphenols	7.12	107	240317	34.756	ng	# 69
22) Acetophenone	7.12	105	331027	36.017	ng	# 94
24) Nitrobenzene	7.29	77	253069	35.343	ng	97
25) Isophorone	7.53	82	459413	37.885	ng	99
26) 2-Nitrophenol	7.60	139	119223	42.103	ng	97
27) 2,4-Dimethylphenol	7.65	122	210405	39.820	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	286551	35.697	ng	98
29) 2,4-Dichlorophenol	7.85	162	201216	36.245	ng	97
30) 1,2,4-Trichlorobenzene	7.93	180	209269	33.735	ng	99
31) Naphthalene	8.01	128	685952	36.926	ng	99
32) Benzoic acid	7.72	122	18303m	11.173	ng	
33) 4-Chloroaniline	8.06	127	160389	19.764	ng	100
34) Hexachlorobutadiene	8.14	225	123258	32.960	ng	98
35) Caprolactam	8.42	113	62155m	35.068	ng	
36) 4-Chloro-3-methylphenol	8.55	107	208950	35.768	ng	99
37) 2-Methylnaphthalene	8.70	142	457875	38.235	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	205440	34.541	ng	98
40) Hexachlorocyclopentadiene	8.86	237	168715	65.035	ng	98

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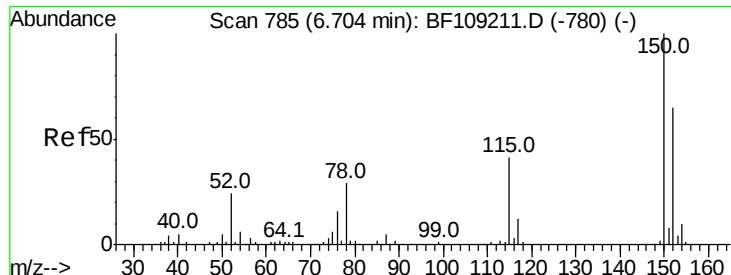
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	144316	37.806	nq	99
43) 2,4,5-Trichlorophenol	9.02	196	148281	36.780	nq	98
45) 1,1'-Biphenyl	9.16	154	539238	35.414	nq	99
46) 2-Chloronaphthalene	9.19	162	422429	34.727	nq	97
47) 2-Nitroaniline	9.28	65	127250	36.897	nq	95
48) Acenaphthylene	9.60	152	673236	36.687	nq	99
49) Dimethylphthalate	9.47	163	811743	59.718	nq	99
50) 2,6-Dinitrotoluene	9.53	165	104124	38.678	nq	95
51) Acenaphthene	9.77	154	400371	36.086	nq	99
52) 3-Nitroaniline	9.69	138	92493	29.667	nq	93
53) 2,4-Dinitrophenol	9.80	184	14803	22.360	nq #	22
54) Dibenzofuran	9.95	168	581895	35.266	nq	99
55) 4-Nitrophenol	9.86	139	140357	59.763	nq	90
56) 2,4-Dinitrotoluene	9.93	165	136749	40.146	nq #	98
57) Fluorene	10.29	166	444453	37.752	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	118292	37.057	nq	90
59) Diethylphthalate	10.17	149	473791	34.421	nq	97
60) 4-Chlorophenyl-phenylether	10.28	204	206048	33.509	nq	92
61) 4-Nitroaniline	10.30	138	98876	32.520	nq	97
62) Azobenzene	10.44	77	471393	32.962	nq	96
64) 4,6-Dinitro-2-methylphenol	10.33	198	37689	30.360	nq	91
65) n-Nitrosodiphenylamine	10.40	169	404940	35.907	nq	96
66) 4-Bromophenyl-phenylether	10.77	248	134051	35.366	nq #	84
67) Hexachlorobenzene	10.84	284	142881	35.493	nq #	88
68) Atrazine	10.93	200	123908	35.725	nq	95
69) Pentachlorophenol	11.03	266	133025	55.212	nq	98
70) Phenanthrene	11.25	178	667799	39.184	nq	99
71) Anthracene	11.29	178	643695	37.238	nq	100
72) Carbazole	11.45	167	515378	29.966	nq	99
73) Di-n-butylphthalate	11.79	149	677344	34.211	nq	99
74) Fluoranthene	12.42	202	606338	33.291	nq	97
76) Benzidine	12.54	184	337344	40.683	nq	98
77) Pyrene	12.65	202	587926	35.669	nq	99
79) Butylbenzylphthalate	13.27	149	241694	34.467	nq	93
80) Benzo(a)anthracene	13.83	228	493157	35.600	nq	99
81) 3,3'-Dichlorobenzidine	13.80	252	173202	32.899	nq	98
82) Chrysene	13.87	228	489231	35.632	nq	99
83) Bis(2-ethylhexyl)phthalate	13.84	149	294649	33.317	nq	99
84) Di-n-octyl phthalate	14.44	149	559969	37.032	nq	97
85) Indeno(1,2,3-cd)pyrene	16.60	276	554517	49.826	nq #	91
87) Benzo(b)fluoranthene	14.85	252	539599	35.842	nq	98
88) Benzo(k)fluoranthene	14.88	252	485235m	33.966	nq	
89) Benzo(a)pyrene	15.19	252	513992	37.889	nq	98
90) Dibenzo(a,h)anthracene	16.61	278	450656	40.493	nq #	95
91) Benzo(g,h,i)perylene	17.00	276	444441	40.633	nq #	91

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



#1

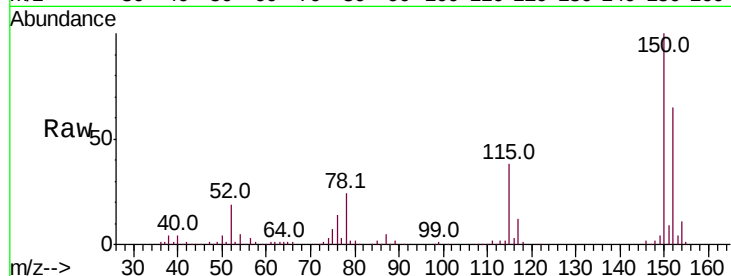
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.6	186.8
115	57.9	50.1	75.1

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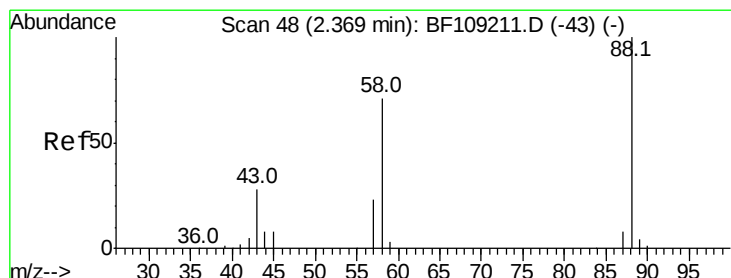
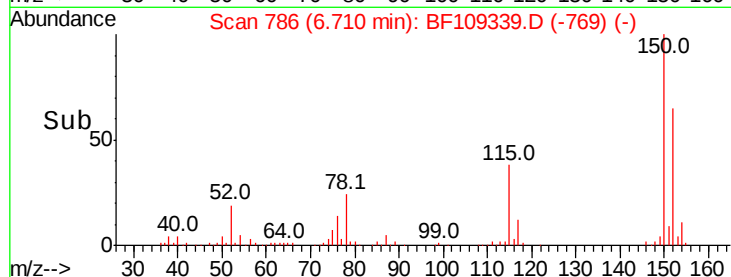
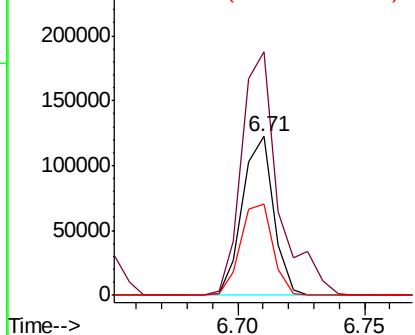


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.683 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.03 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

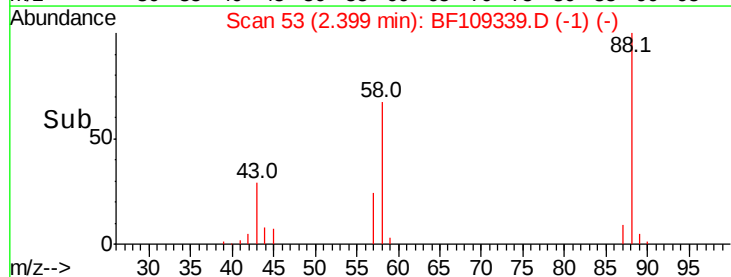
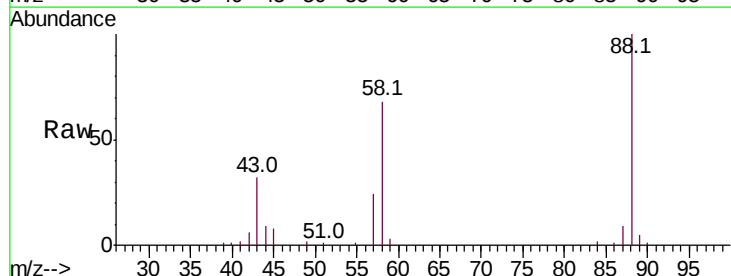
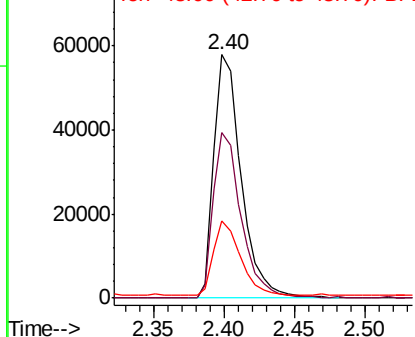
Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	62.6	93.8
43	30.3	24.6	37.0

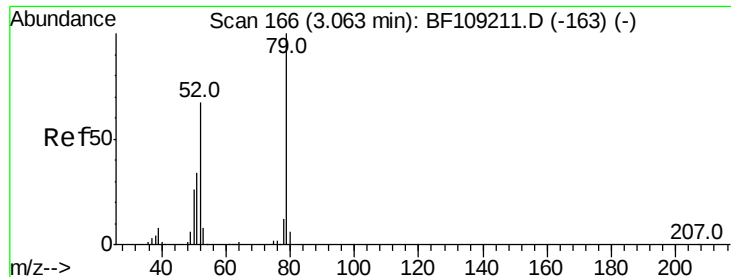
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 29.749 ng

RT: 3.11 min Scan# 174

Delta R.T. 0.05 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

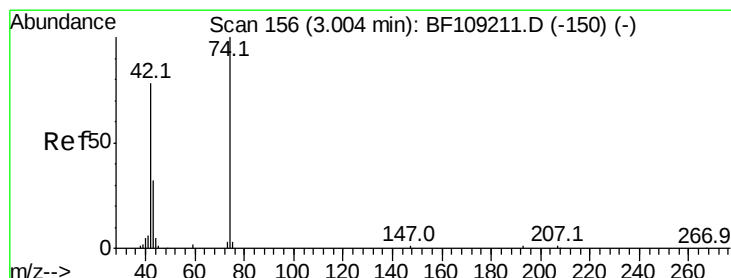
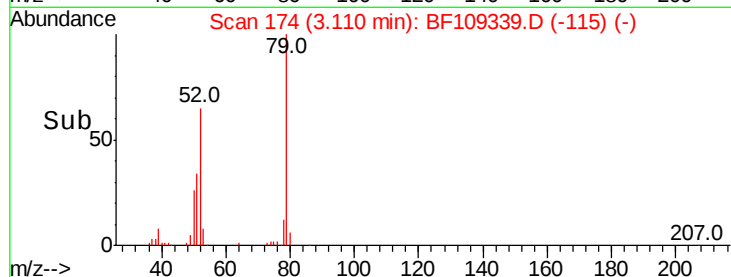
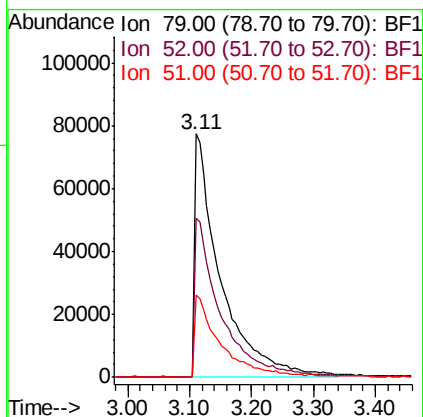
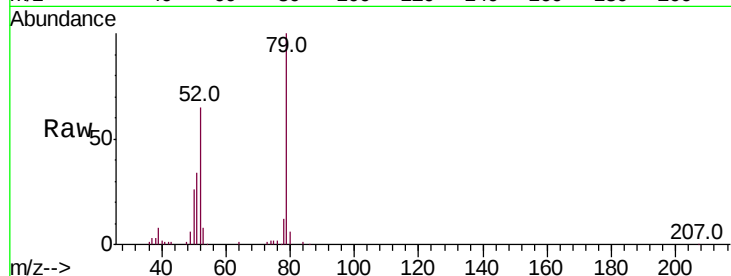
ClientSampleId :

CS-RBR-200027MS

Tot Ion:	79	Resp:	224446
Ion Ratio	Lower	Upper	
79	100		
52	65.1	59.8	89.6
51	34.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.555 ng

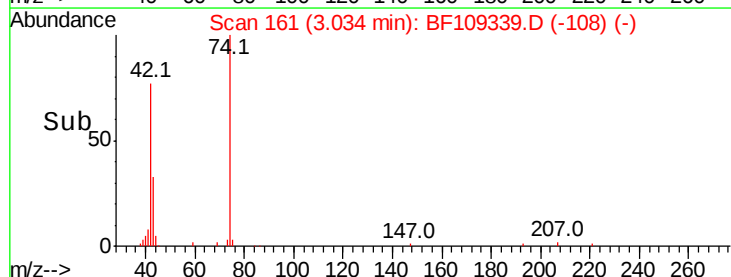
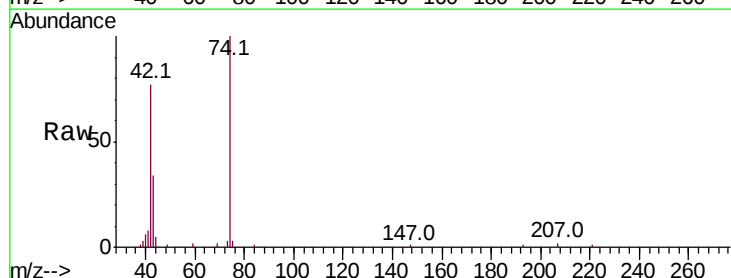
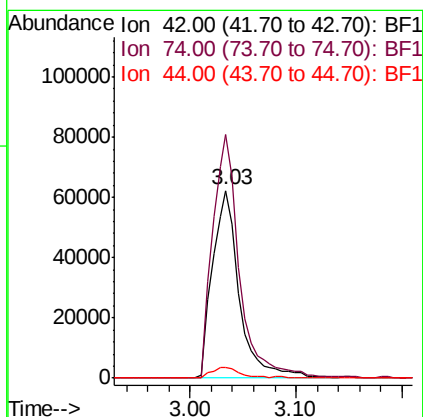
RT: 3.03 min Scan# 161

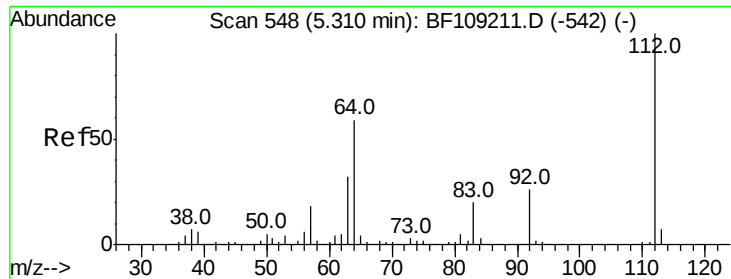
Delta R.T. 0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion:	42	Resp:	110950
Ion Ratio	Lower	Upper	
42	100		
74	130.0	104.9	157.3
44	5.9	6.9	10.3#





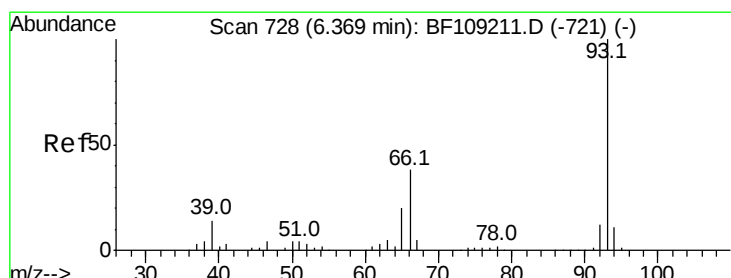
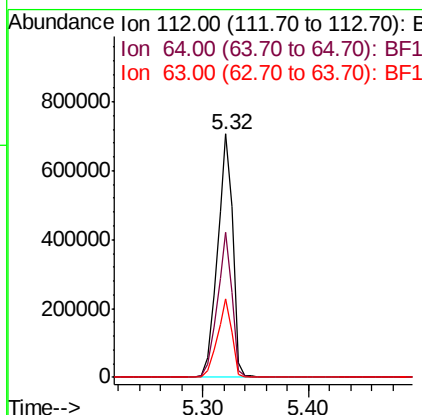
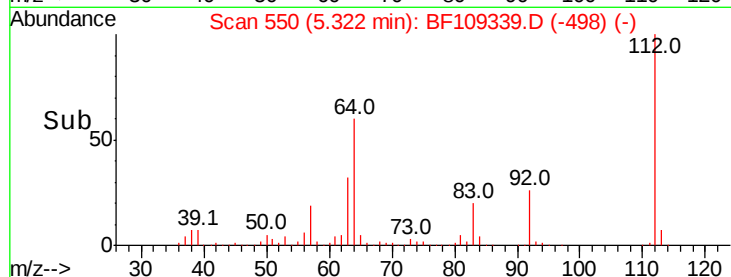
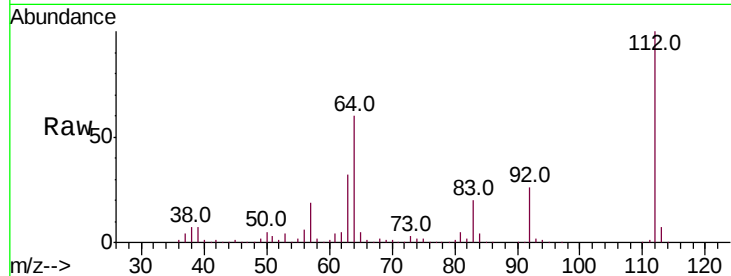
#5
 2-Fluorophenol
 Concen: 113.809 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion:	112	Resp:	724386
Ion Ratio	Lower	Upper	
112	100		
64	59.7	47.9	71.9
63	32.0	23.7	35.5

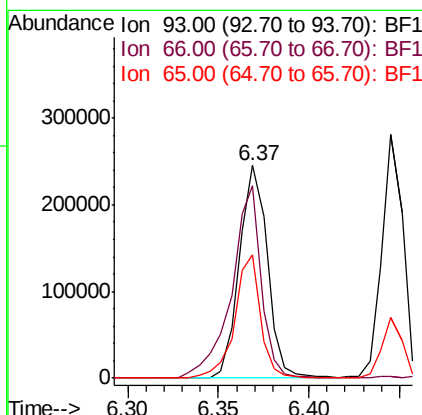
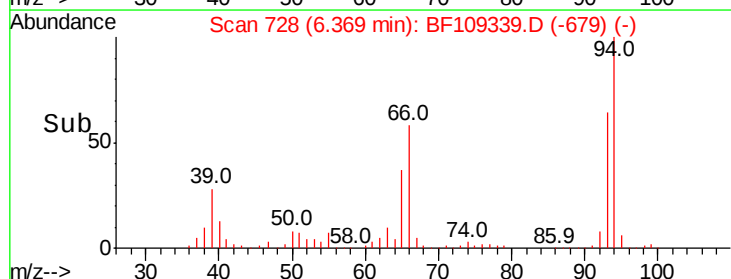
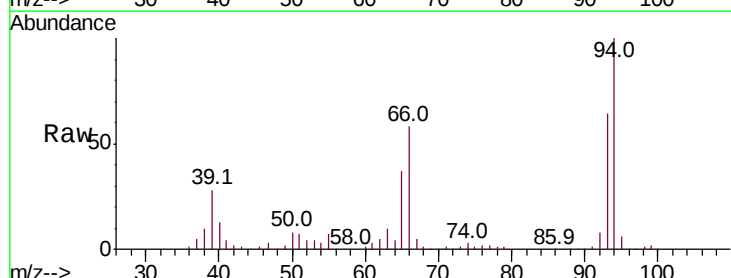
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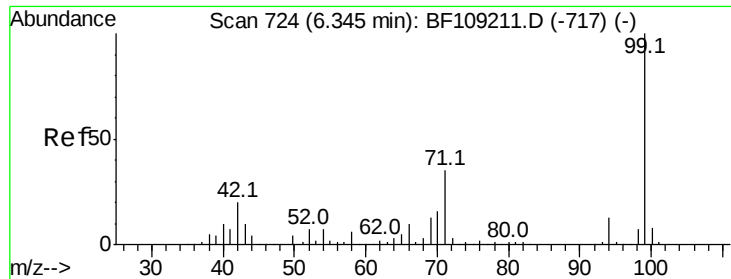
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#6
 Aniline
 Concen: 25.515 ng
 RT: 6.37 min Scan# 728
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion:	93	Resp:	265129
Ion Ratio	Lower	Upper	
93	100		
66	90.7	32.2	48.2#
65	58.1	16.4	24.6#





#7

Phenol-d6

Concen: 114.052 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

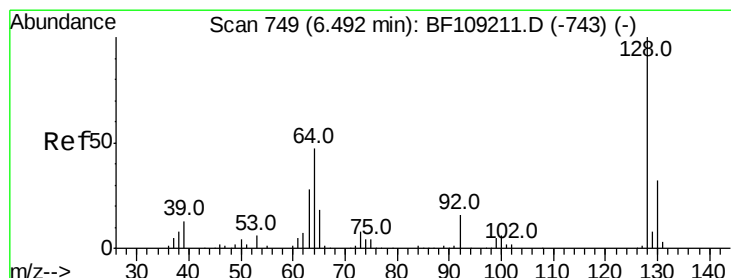
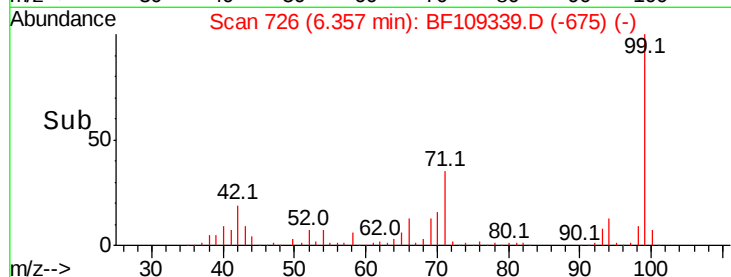
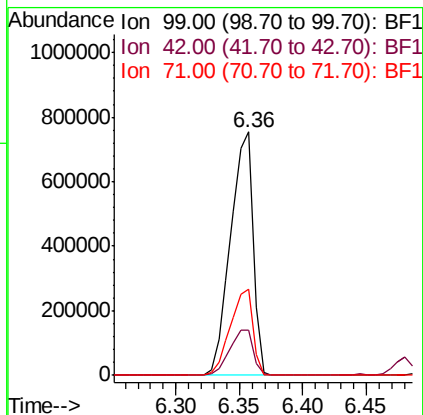
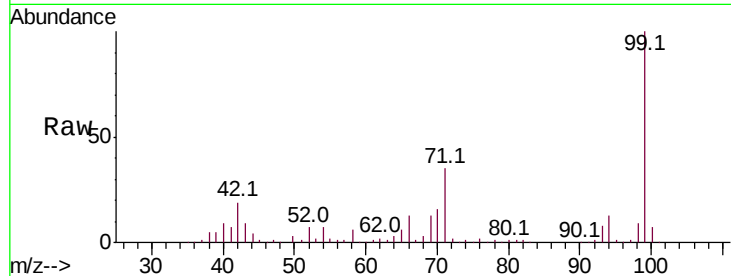
ClientSampleId :

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Tot Ion	99	Resp	926317
Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.5	21.7
71	35.2	25.4	38.0

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#8

2-Chlorophenol

Concen: 33.598 ng

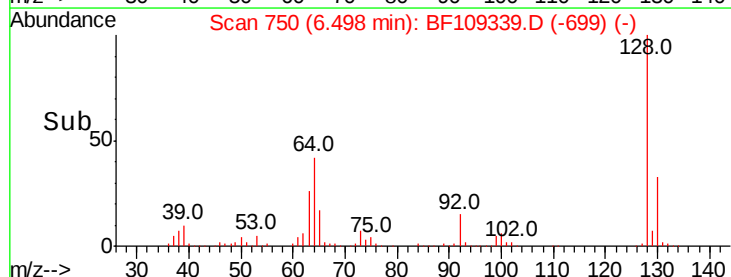
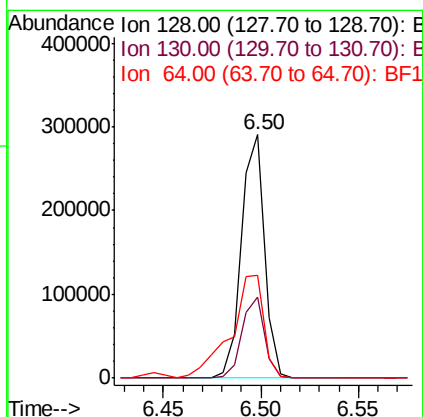
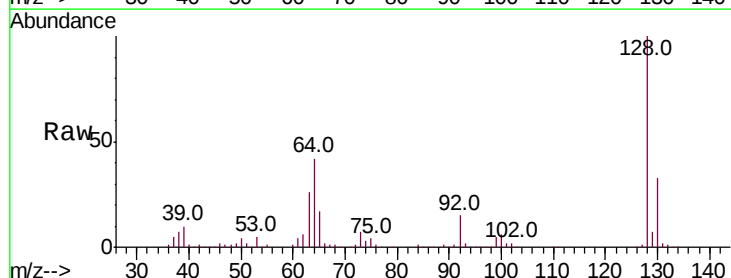
RT: 6.50 min Scan# 750

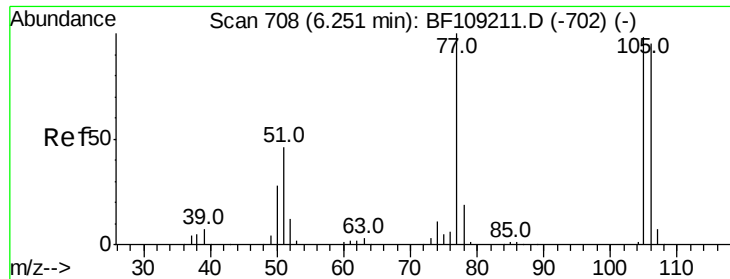
Delta R.T. 0.00 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion	128	Resp	237808
Ion	Ratio	Lower	Upper
128	100		
130	33.3	13.0	53.0
64	42.3	29.4	69.4





#9

Benzaldehyde

Concen: 27.564 ng

RT: 6.25 min Scan# 708

Delta R.T. -0.00 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

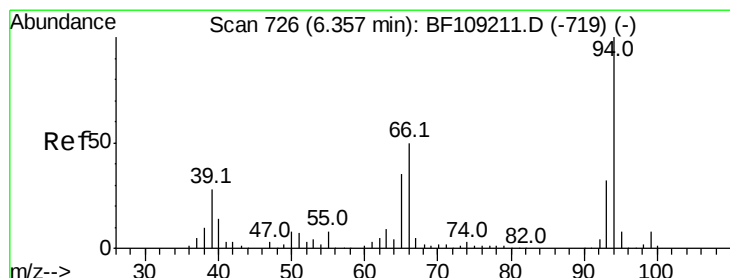
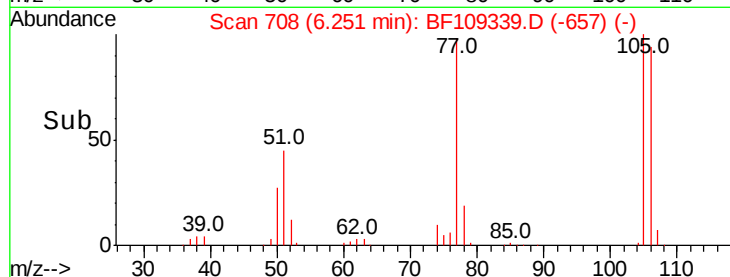
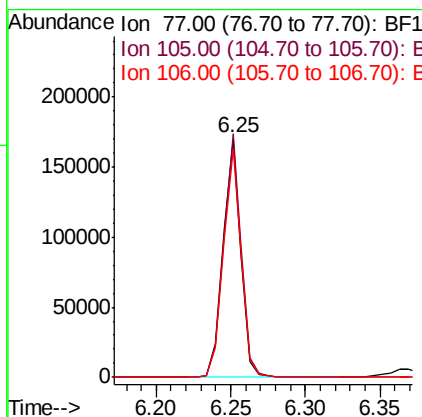
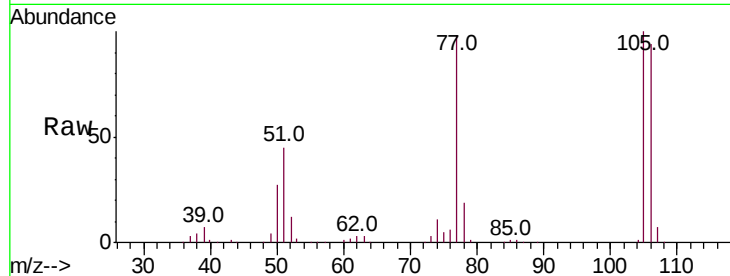
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	101.9	81.1	121.1
106	95.5	74.5	114.5

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#10

Phenol

Concen: 34.101 ng

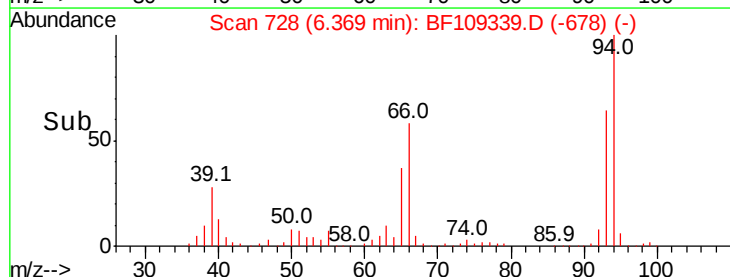
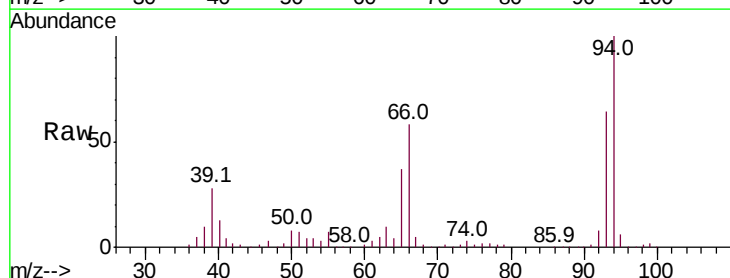
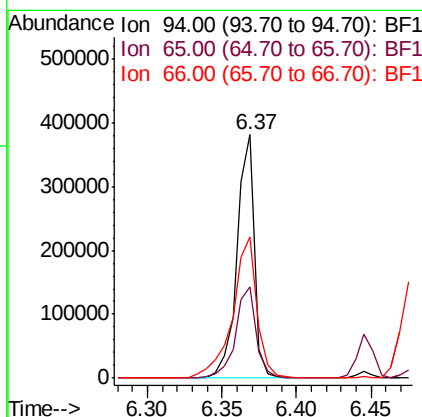
RT: 6.37 min Scan# 728

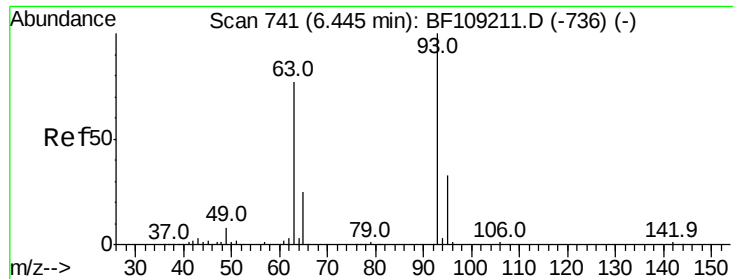
Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.3	7.9	47.9
66	58.3	16.2	56.2





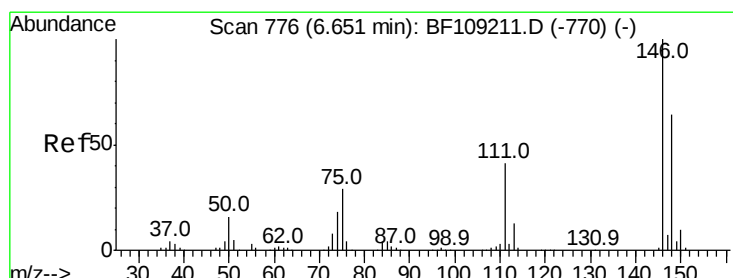
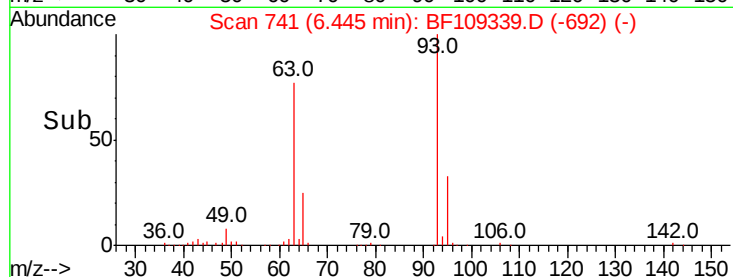
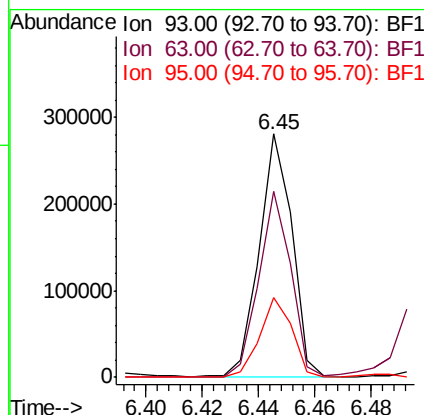
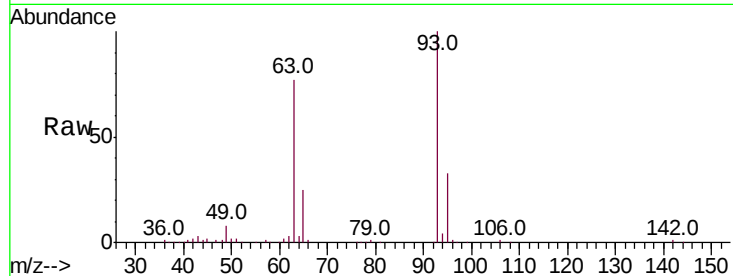
#11
 bis(2-Chloroethyl)ether
 Concen: 31.259 ng
 RT: 6.45 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion:	93	Resp:	224977
Ion Ratio	Lower	Upper	
93	100		
63	76.6	58.6	98.6
95	32.5	11.8	51.8

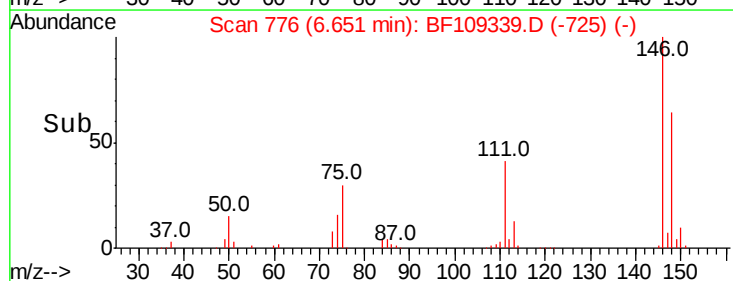
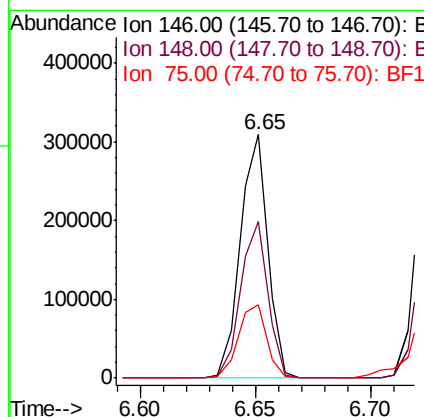
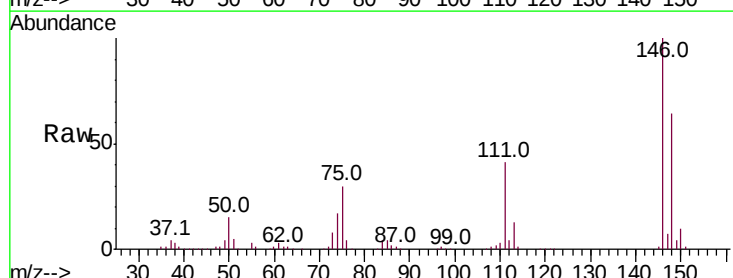
Manual Integrations
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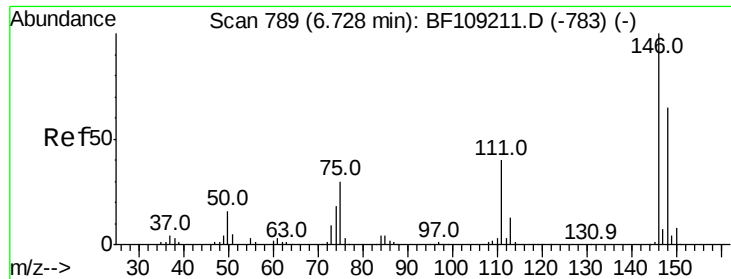
Sohil
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#12
 1,3-Dichlorobenzene
 Concen: 31.522 ng
 RT: 6.65 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion:	146	Resp:	256884
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	29.9	24.2	36.4





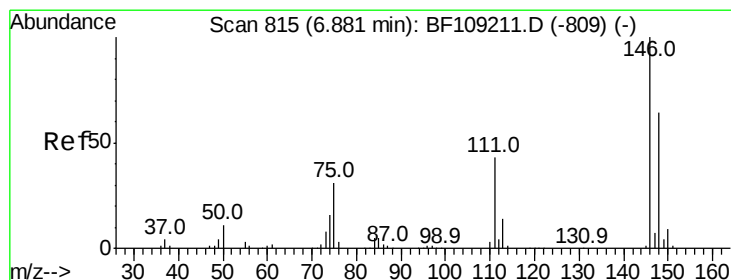
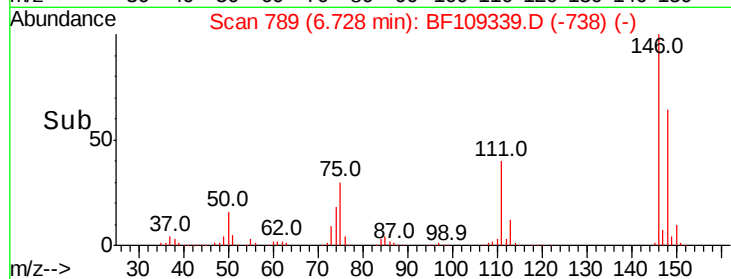
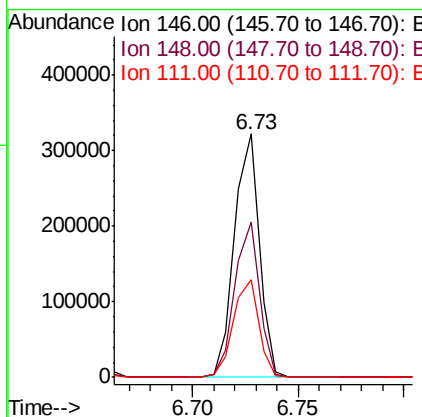
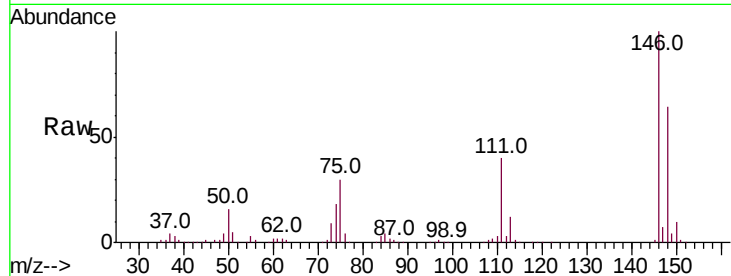
#13
 1,4-Dichlorobenzene
 Concen: 31.976 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	40.3	34.2	51.2

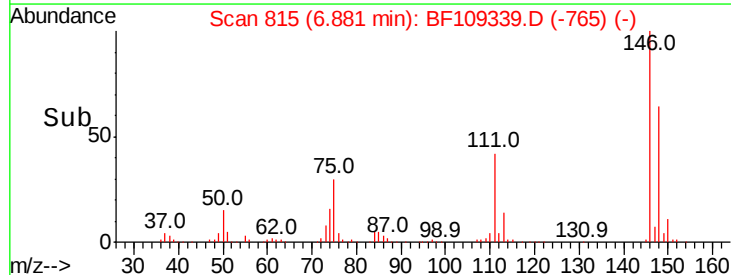
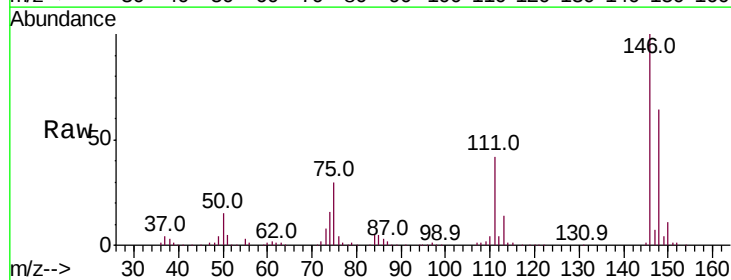
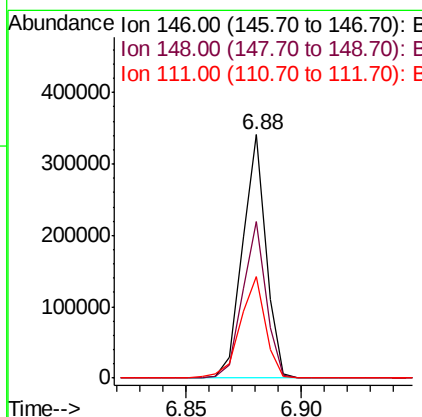
Manual Integrations
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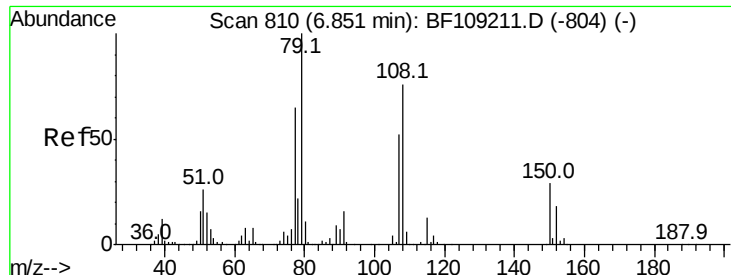
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 32.110 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	41.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 34.410 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

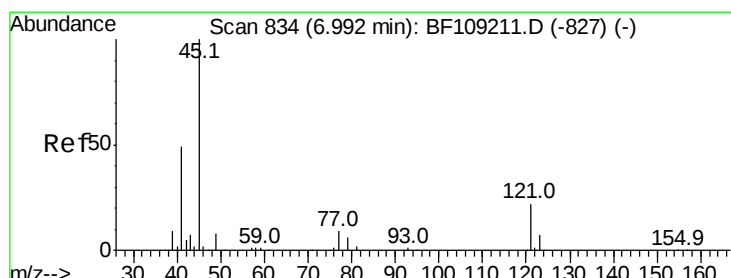
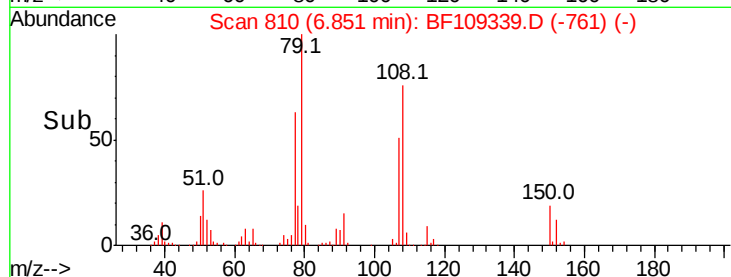
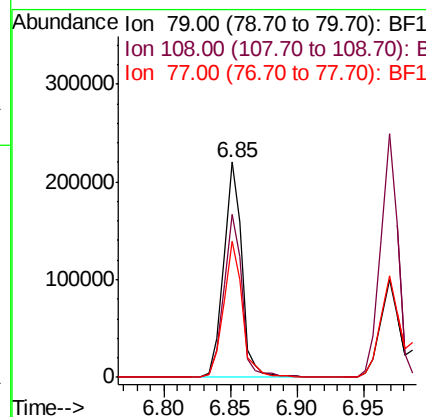
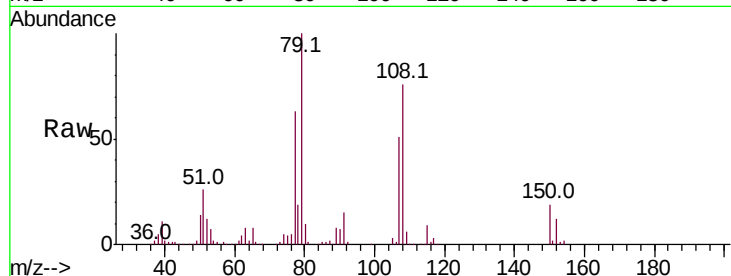
ClientSampleId :

CS-RBR-200027MS

Tot Ion:	79	Resp:	213923
Ion Ratio	Lower	Upper	
79	100		
108	75.6	65.1	97.7
77	63.3	50.6	75.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.161 ng

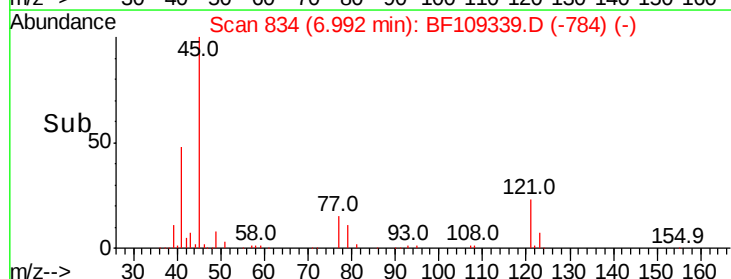
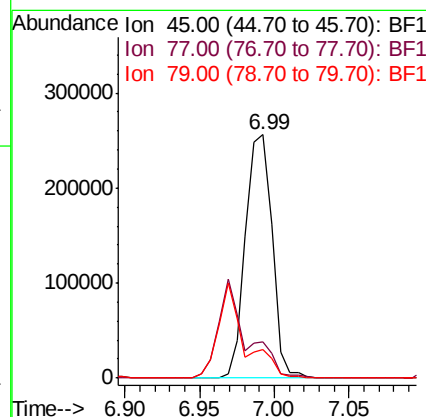
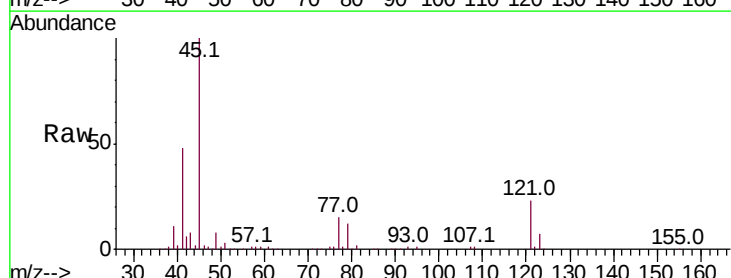
RT: 6.99 min Scan# 834

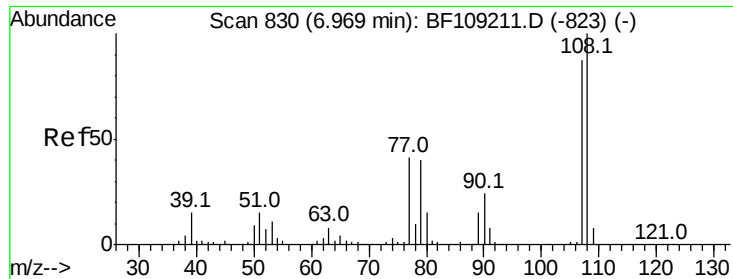
Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion:	45	Resp:	318114
Ion Ratio	Lower	Upper	
45	100		
77	15.0	0.0	32.9
79	11.5	0.0	29.6





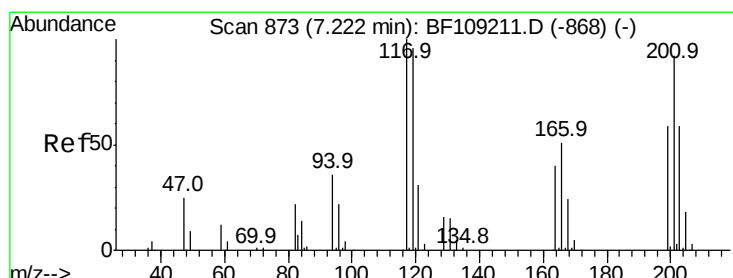
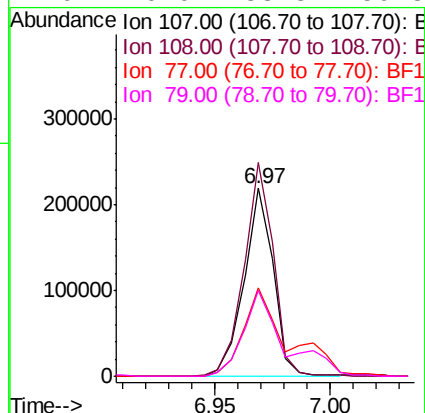
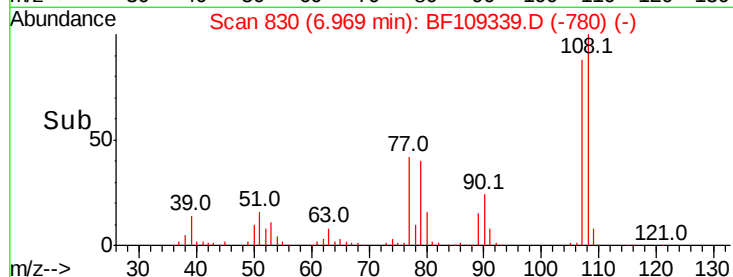
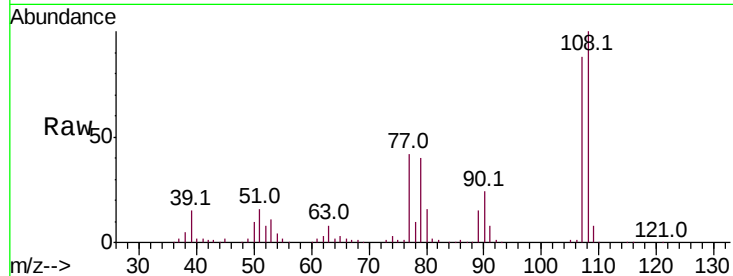
#17
2-Methylphenol
Concen: 33.674 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampled :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	192851		
108	113.9	91.7	137.5	
77	47.4	33.8	50.8	
79	46.0	33.8	50.8	

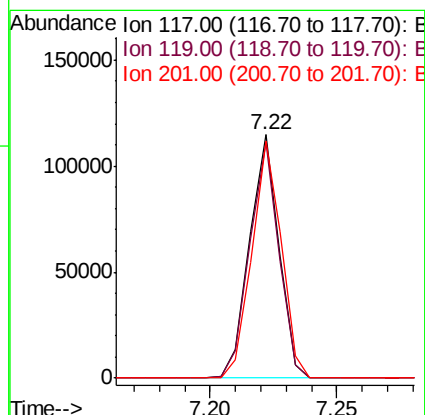
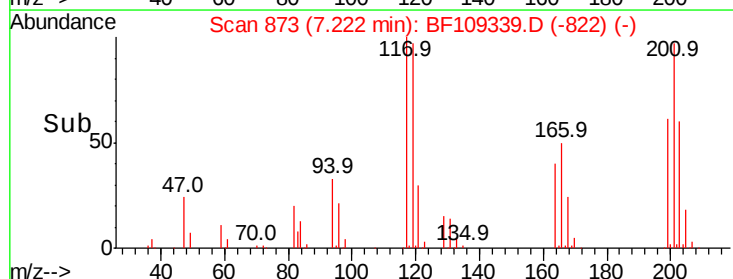
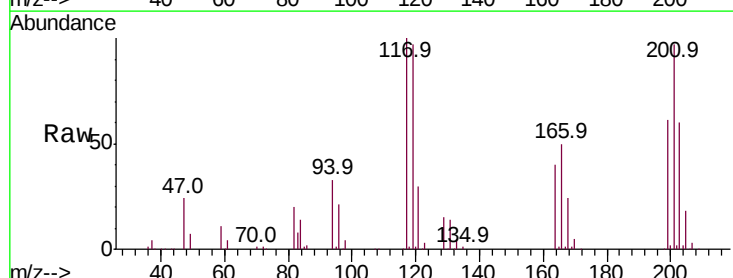
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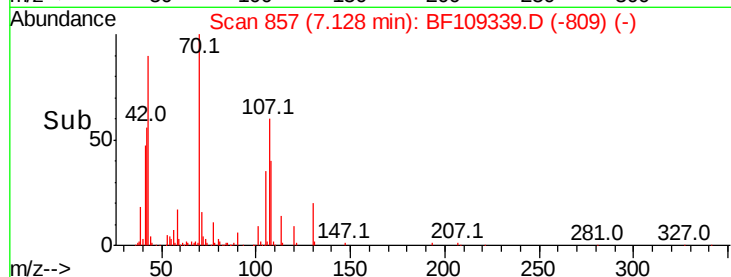
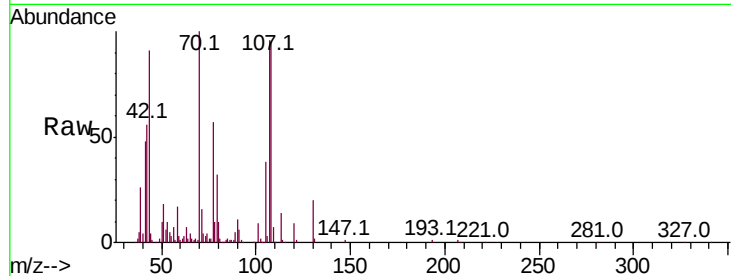
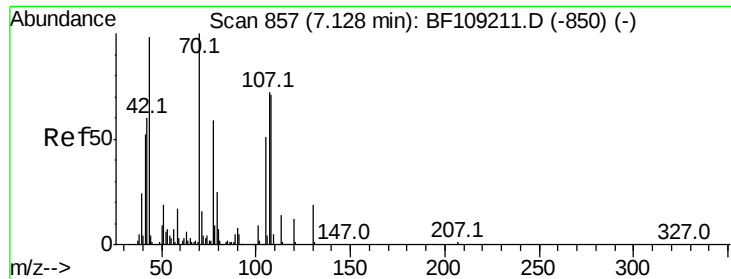
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#18
Hexachloroethane
Concen: 32.081 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	92793		
119	96.8	75.8	113.8	
201	97.3	75.7	113.5	





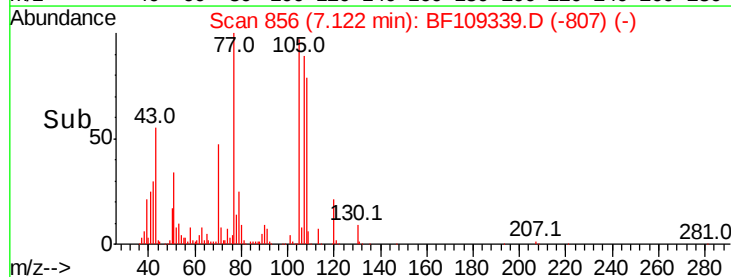
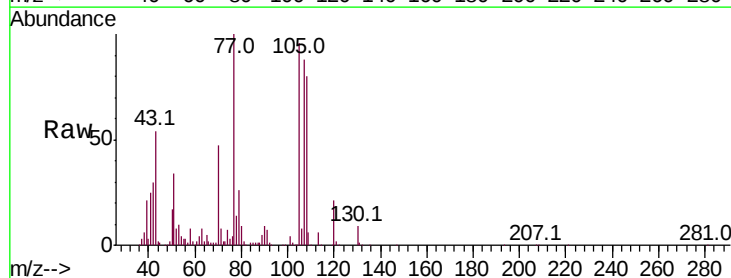
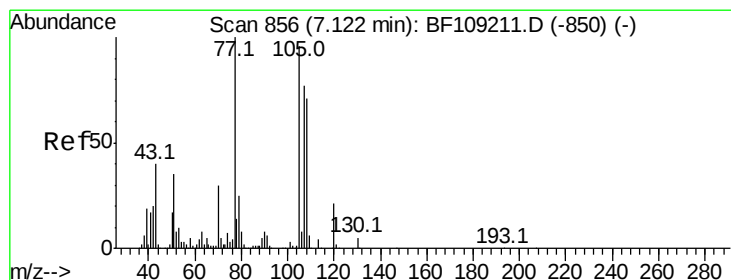
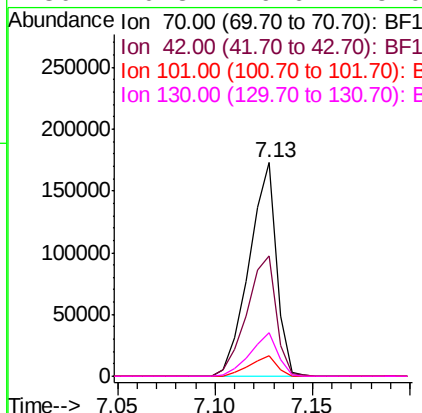
#19
n-Nitroso-di-n-propylamine
Concen: 31.656 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.02 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	56.1	47.5	71.3
101	9.4	7.4	11.2
130	20.3	16.6	25.0

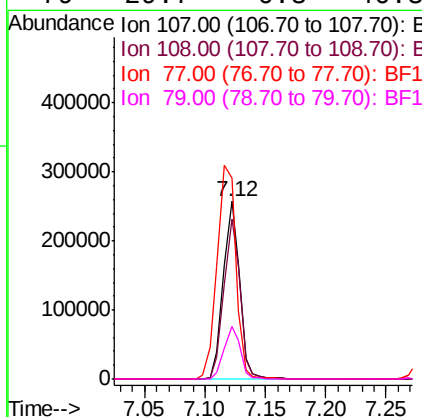
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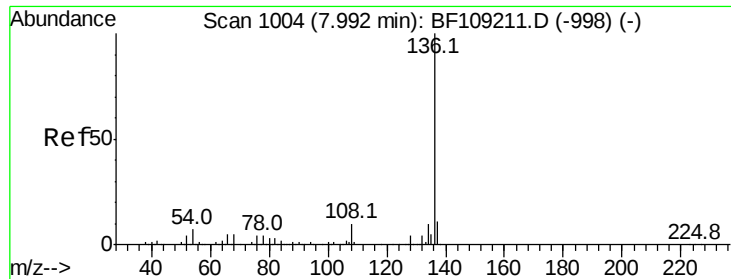
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#20
3+4-Methylphenols
Concen: 34.756 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	68.2	108.2
77	113.4	26.7	66.7#
79	29.7	6.3	46.3





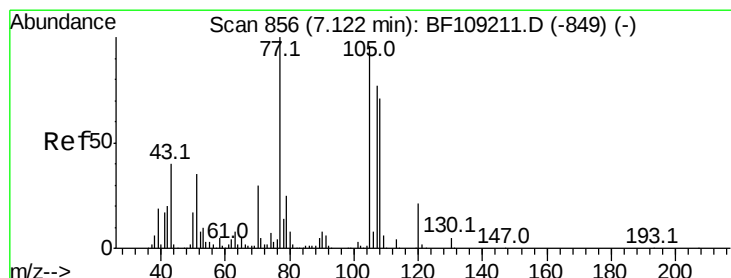
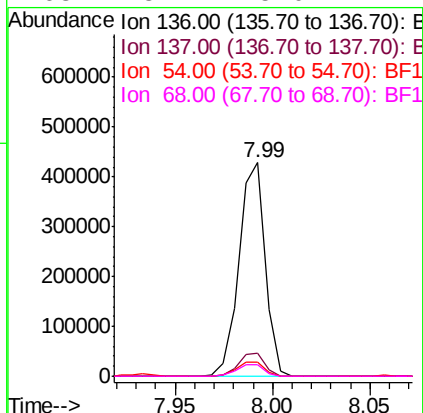
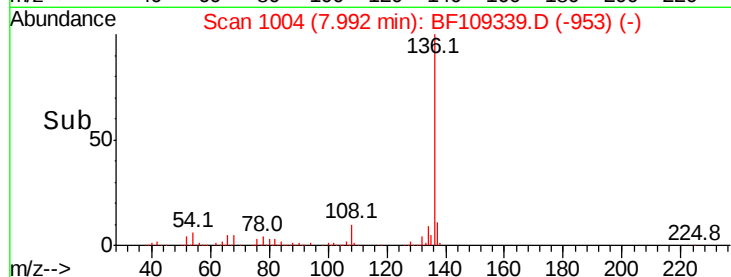
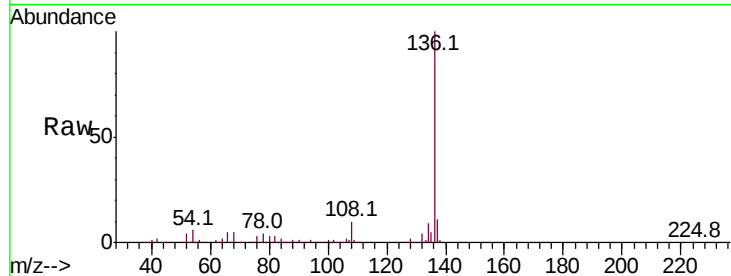
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	6.5	6.6	9.8	
68	5.2	5.0	7.4	

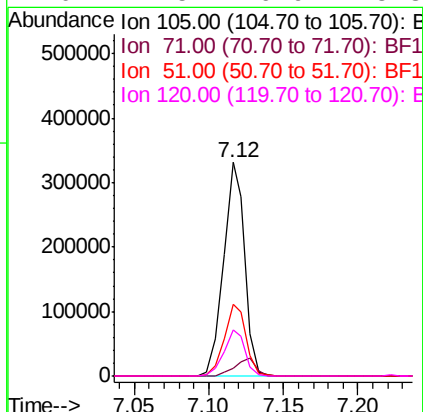
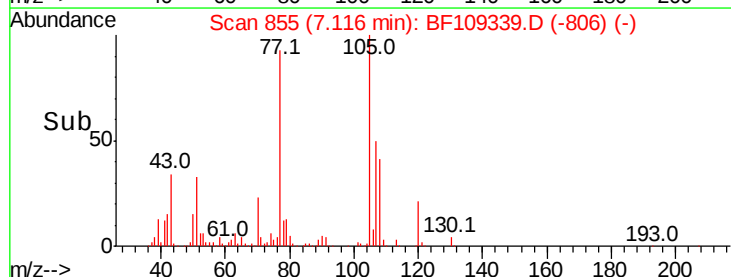
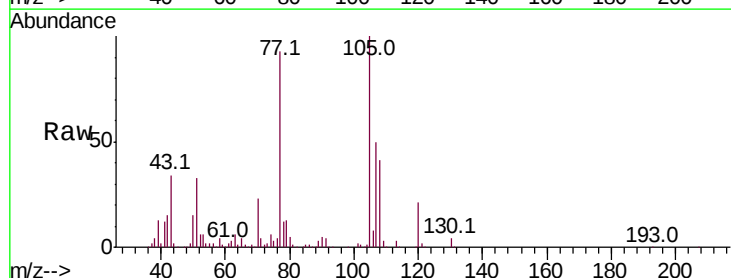
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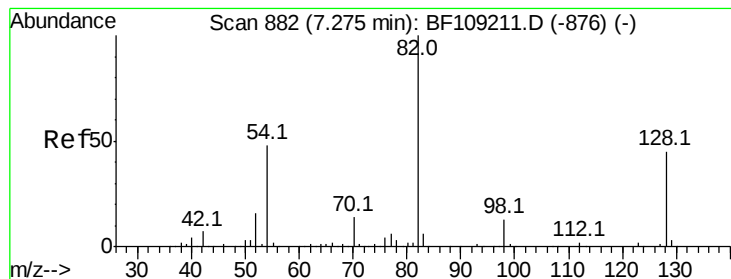
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#22
Acetophenone
Concen: 36.017 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.8	4.4	6.6	
51	33.4	22.3	33.5	
120	21.5	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 86.052 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

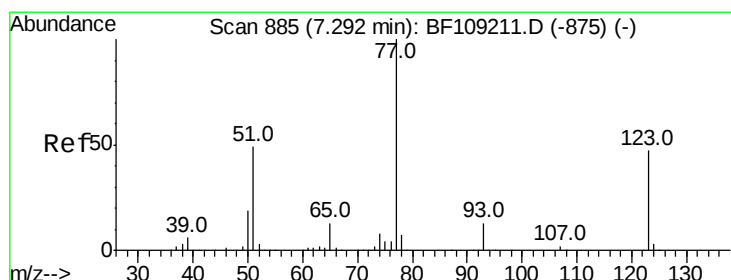
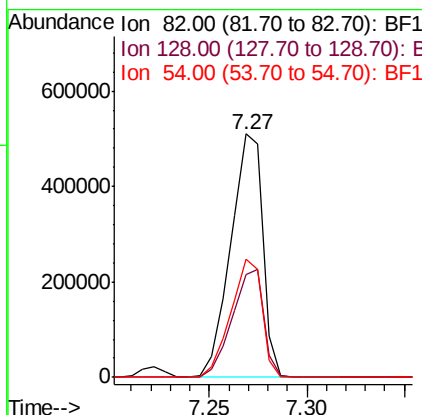
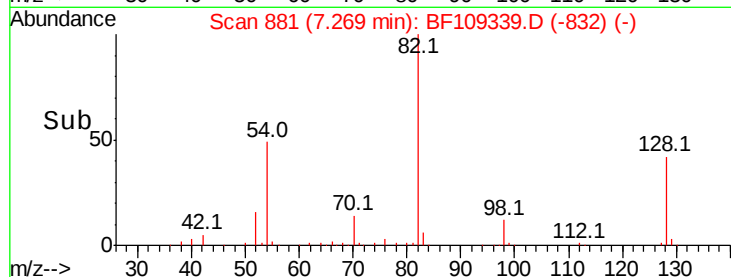
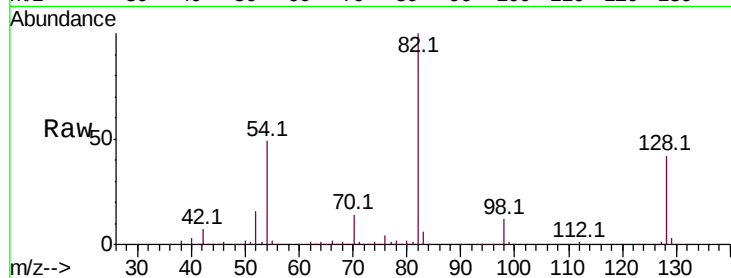
ClientSampleId :

CS-RBR-200027MS

Tot Ion:	82	Resp:	579493
Ion Ratio	Lower	Upper	
82	100		
128	42.4	36.1	54.1
54	48.7	41.4	62.2

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#24

Nitrobenzene

Concen: 35.343 ng

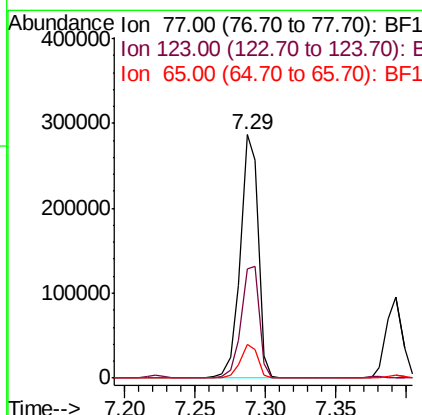
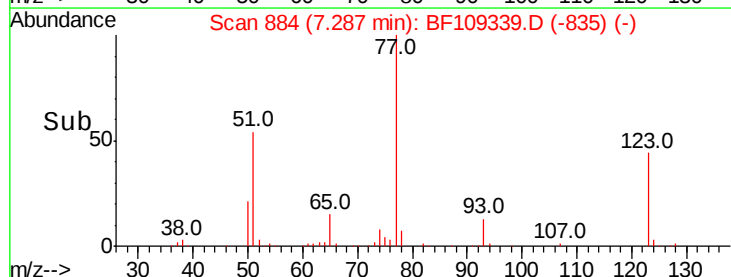
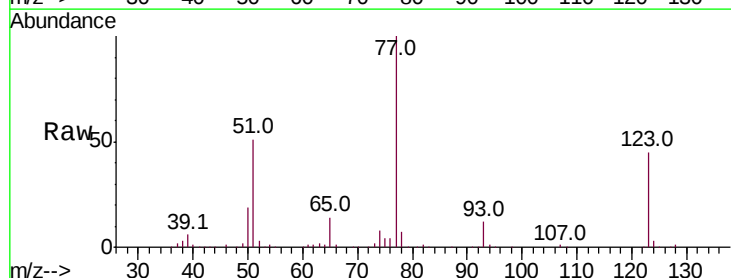
RT: 7.29 min Scan# 884

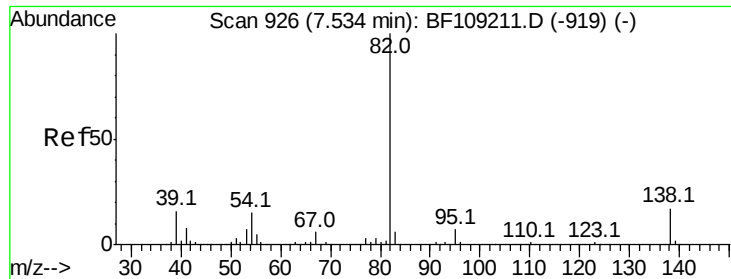
Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion:	77	Resp:	253069
Ion Ratio	Lower	Upper	
77	100		
123	44.8	37.9	56.9
65	14.0	11.0	16.4





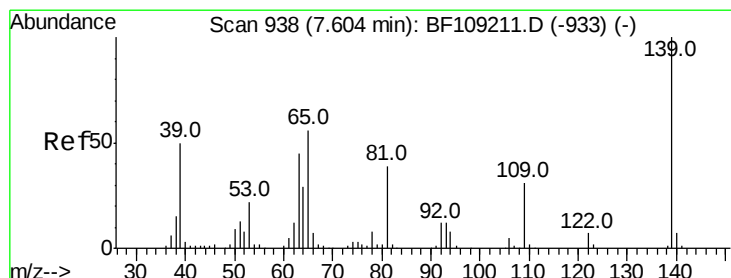
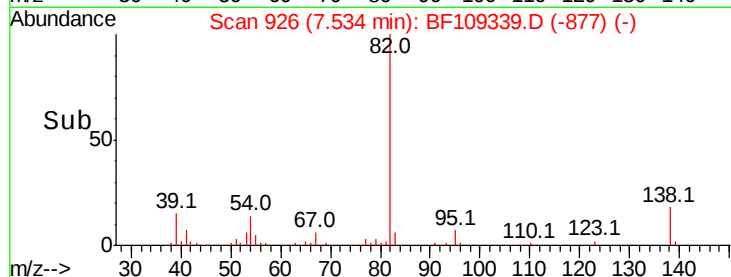
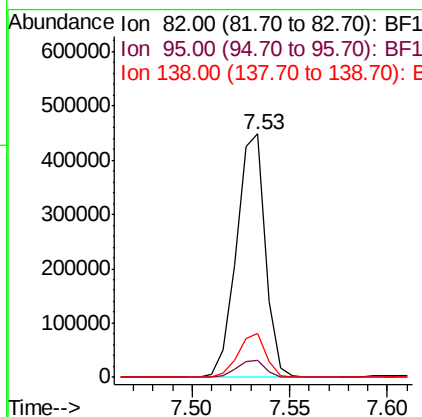
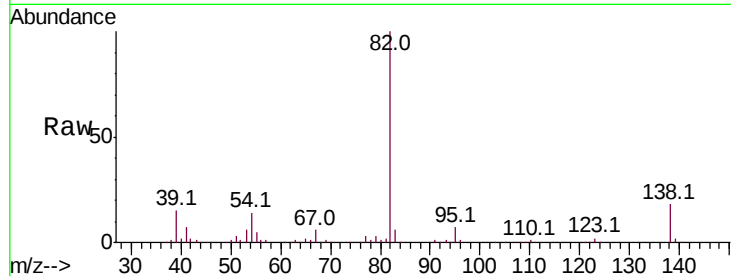
#25
Isophorone
Concen: 37.885 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	459413		
95	7.1	5.2	7.8	
138	18.1	14.9	22.3	

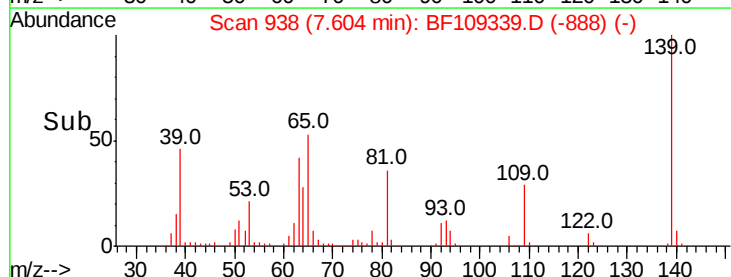
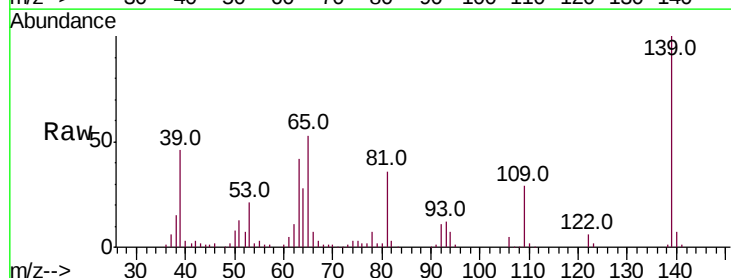
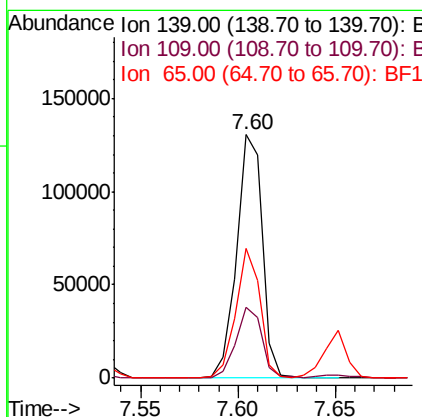
Manual Integrations
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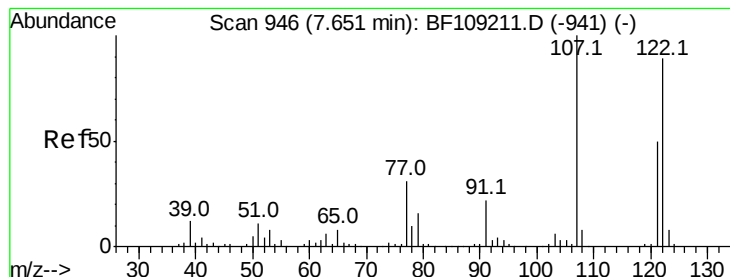
Sohil
9/27/2018 1:31:13 PM



#26
2-Nitrophenol
Concen: 42.103 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119223		
109	28.9	22.7	34.1	
65	53.4	40.5	60.7	





#27

2,4-Dimethylphenol

Concen: 39.820 ng

RT: 7.65 min Scan# 946

Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

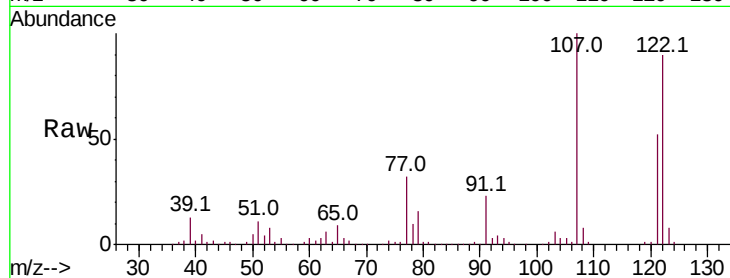
ClientSampleId :

CS-RBR-200027MS

Tot Ion:	122	Resp:	210405
Ion Ratio	Lower	Upper	
122	100		
107	111.3	91.2	136.8
121	58.0	47.2	70.8

Manual Integrations
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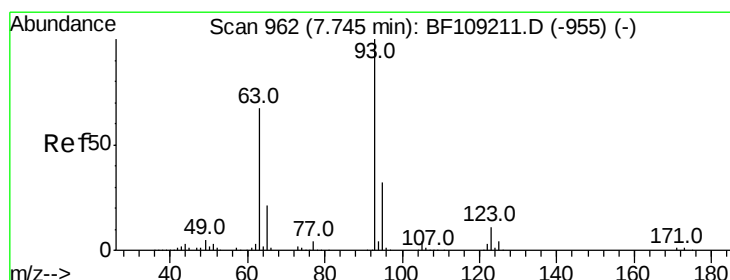
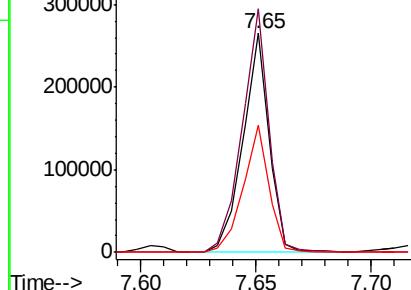
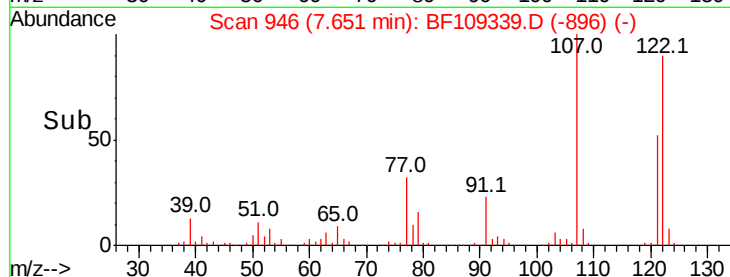
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 35.697 ng

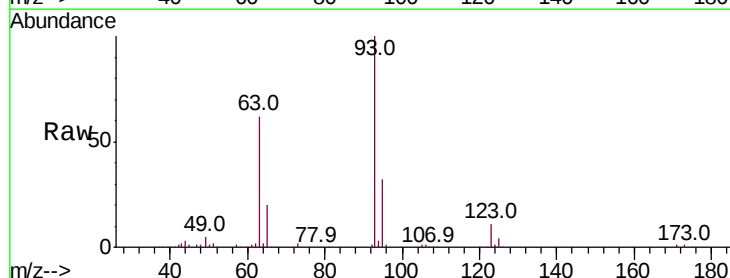
RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

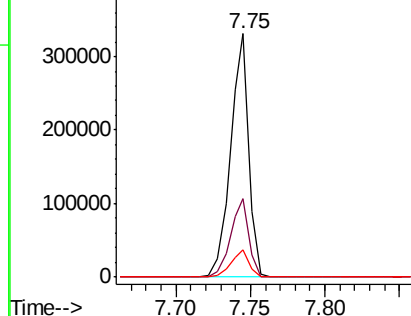
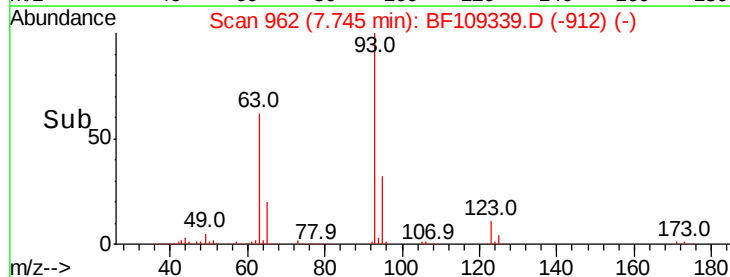
Tgt Ion:	93	Resp:	286551
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	11.0	9.8	14.6

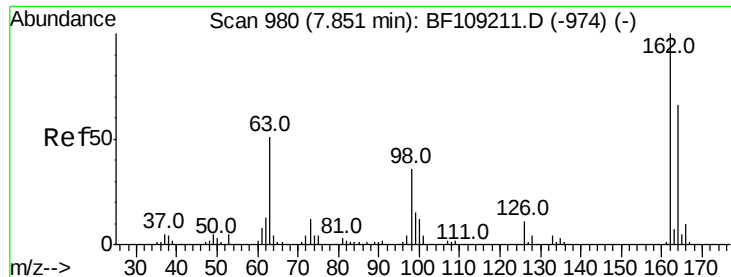


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





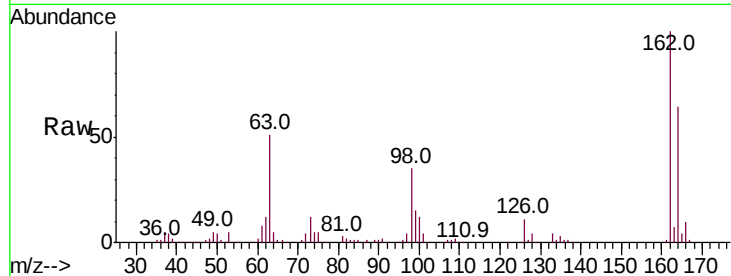
#29
 2,4-Dichlorophenol
 Concen: 36.245 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	201216		
164	64.0	42.7	82.7	
98	35.0	18.1	58.1	

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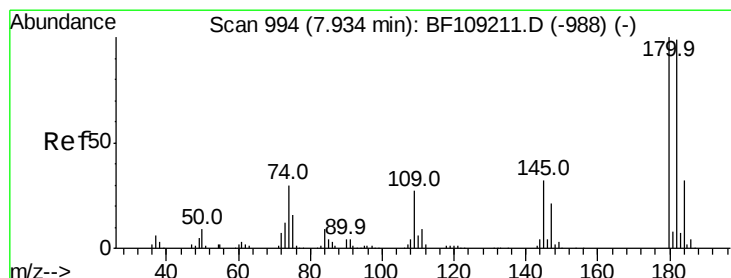
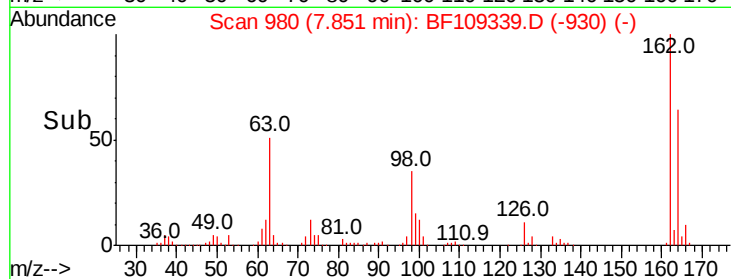
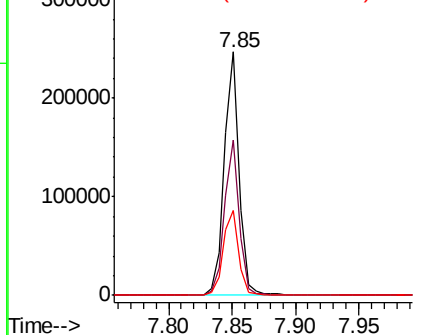


Abundance

Ion 162.00 (161.70 to 162.70): E

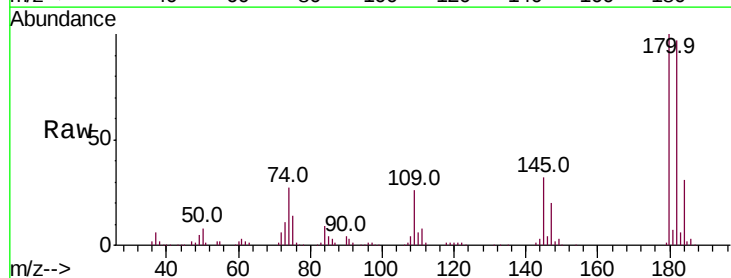
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 33.735 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	209269		
182	96.9	76.8	115.2	
145	32.0	26.5	39.7	

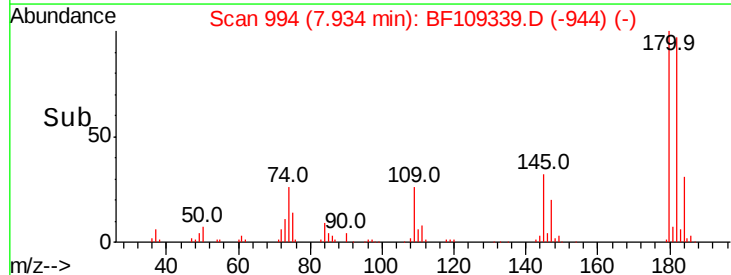
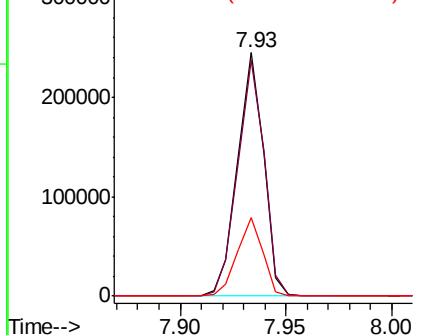


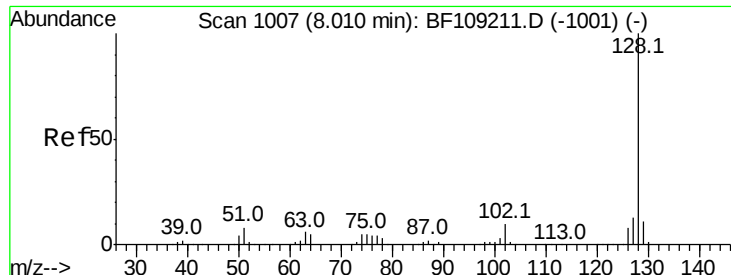
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





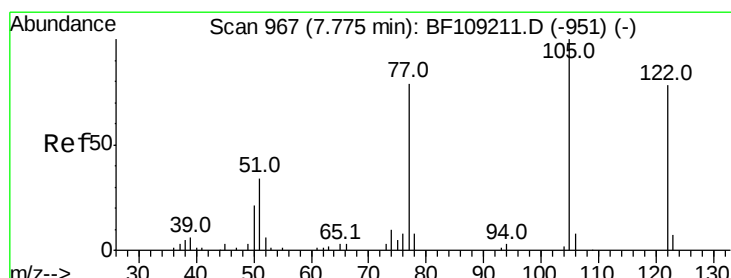
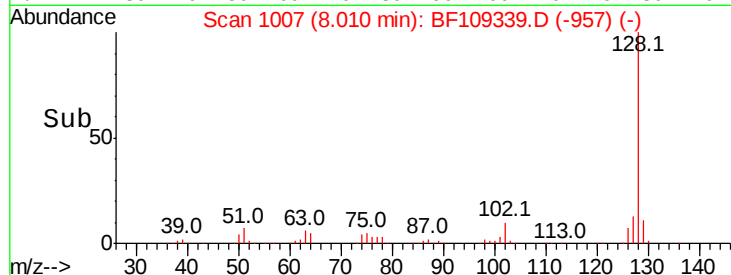
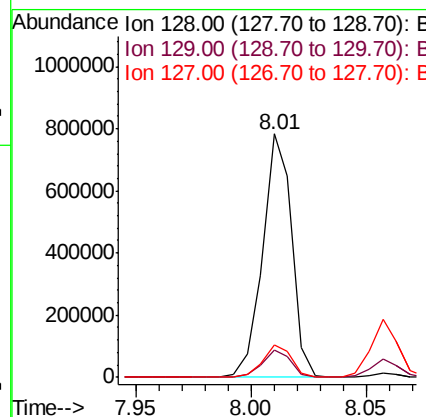
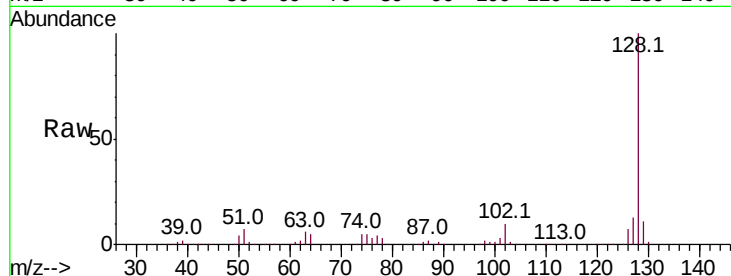
#31
Naphthalene
Concen: 36.926 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	685952		
129	11.3		8.8	13.2
127	13.3		10.9	16.3

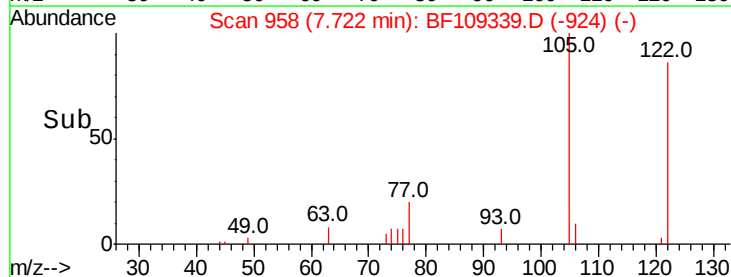
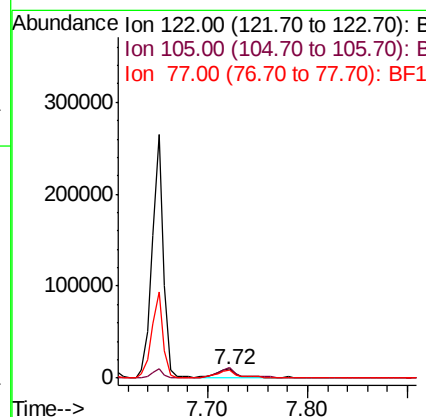
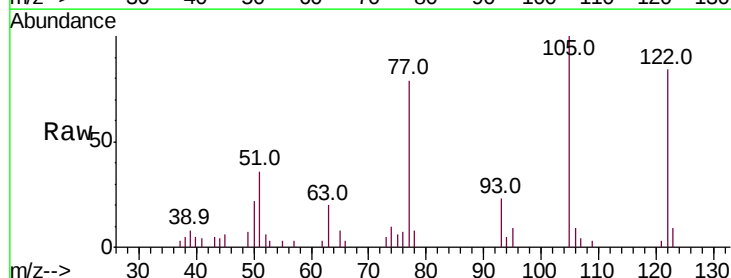
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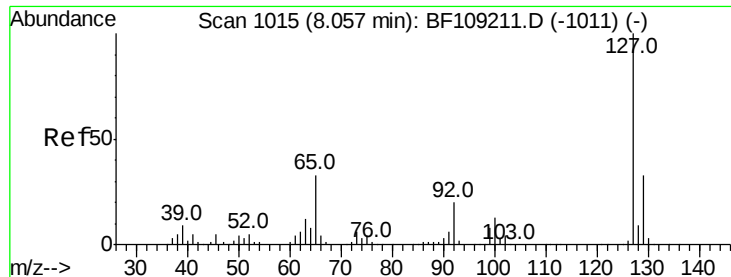
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#32
Benzoic acid
Concen: 11.173 ng m
RT: 7.72 min Scan# 958
Delta R.T. -0.10 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	18303		
105	119.3		101.1	141.1
77	94.5		70.7	110.7





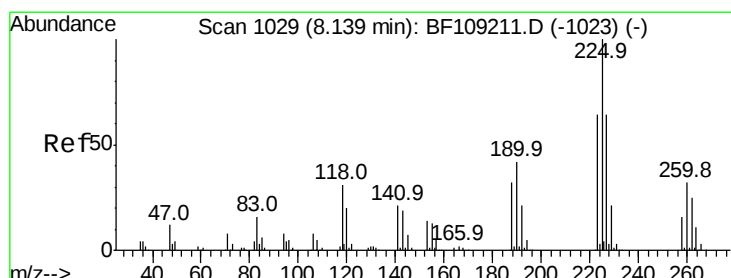
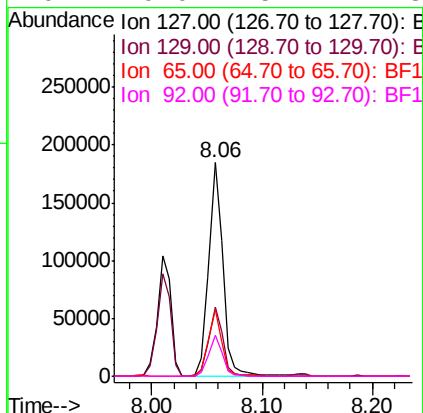
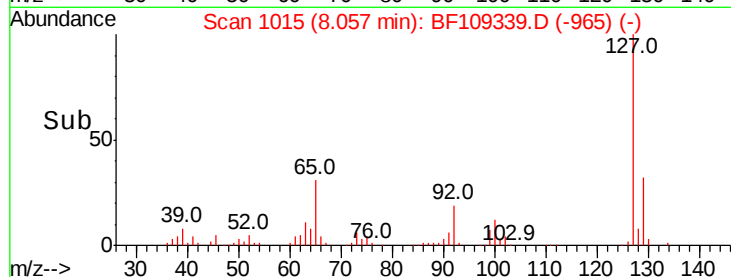
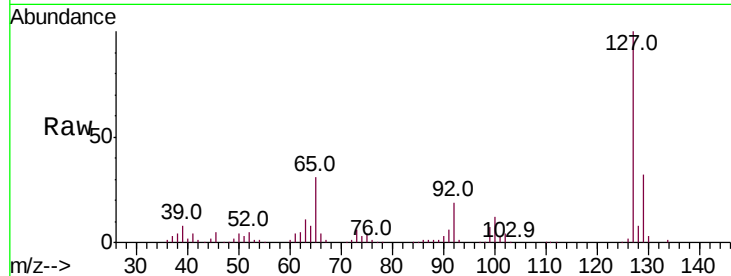
#33
4-Chloroaniline
Concen: 19.764 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	31.1	25.0	37.4	
92	19.0	15.2	22.8	

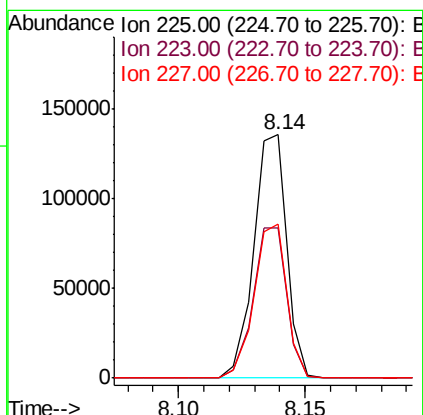
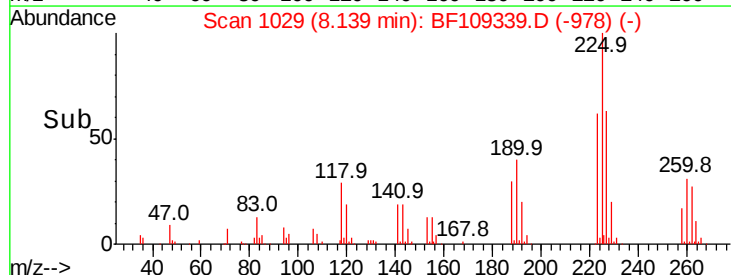
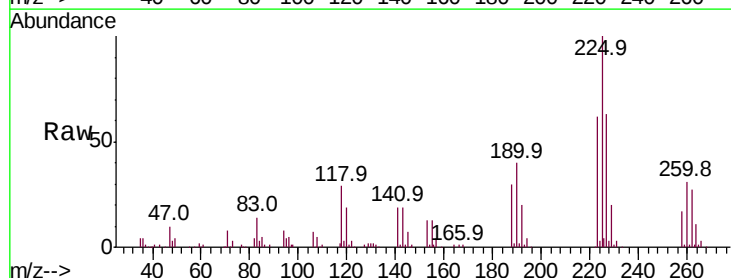
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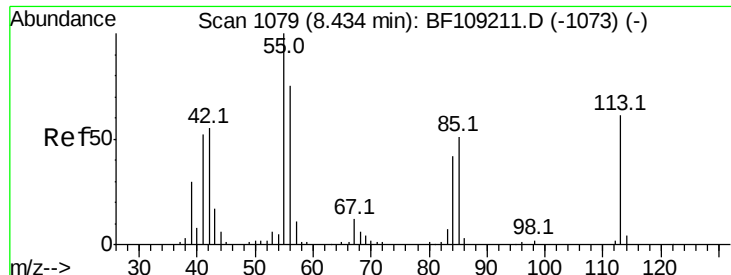
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#34
Hexachlorobutadiene
Concen: 32.960 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.9	50.6	76.0	
227	63.3	51.9	77.9	





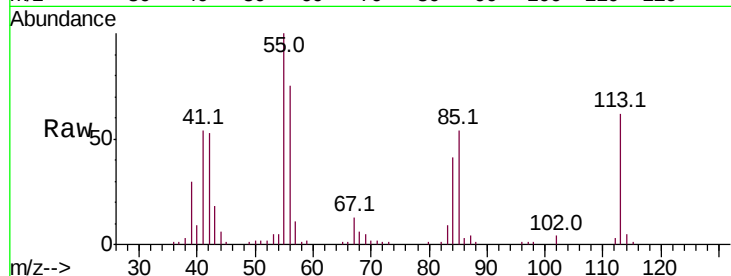
#35
 Caprolactam
 Concen: 35.068 ng/ml
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.05 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

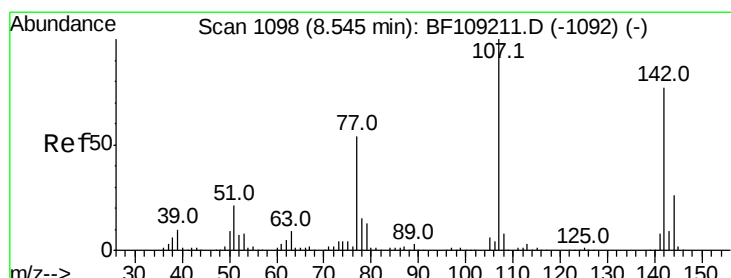
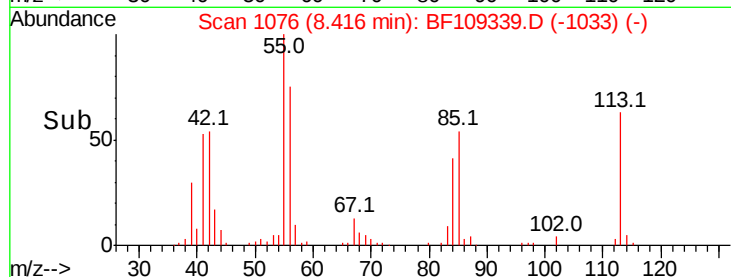
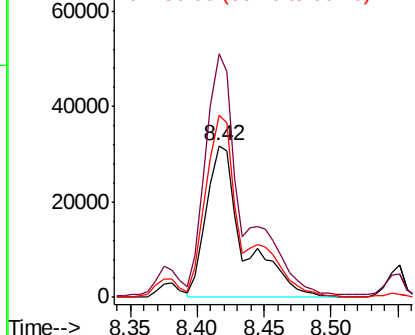
Tot Ion	Ratio	Lower	Upper
113	100		
55	160.4	163.3	203.3#
56	119.8	115.7	155.7

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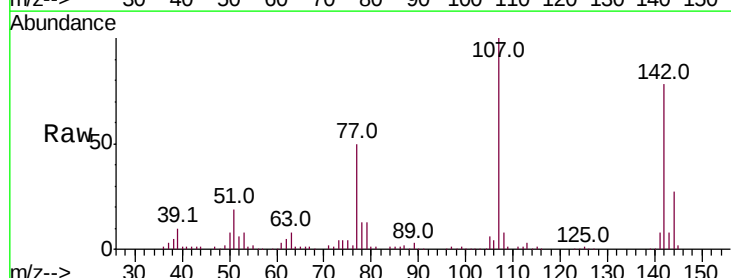


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

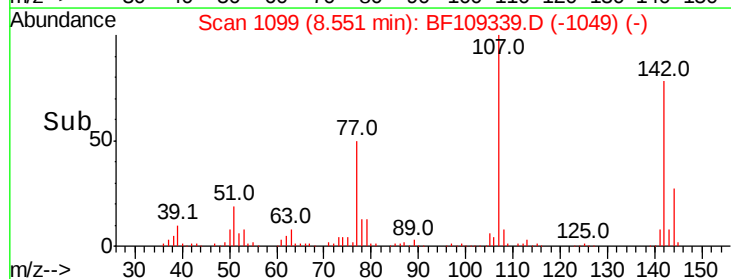
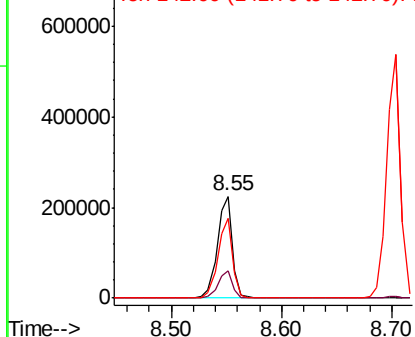


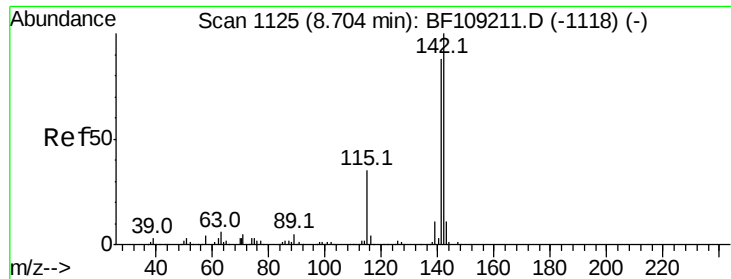
#36
 4-Chloro-3-methylphenol
 Concen: 35.768 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.5	30.7
142	78.0	62.0	93.0



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





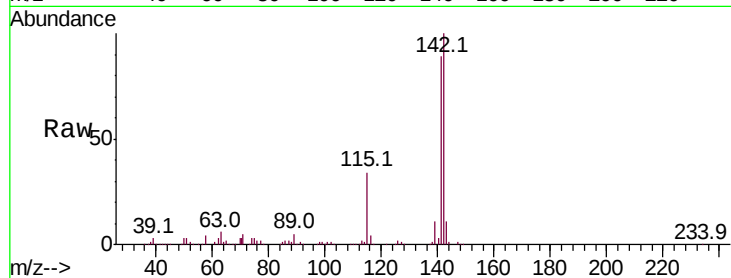
#37
2-Methylnaphthalene
Concen: 38.235 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.8	106.2
115	34.2	26.1	39.1

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9/27/2018 1:31:13 PM

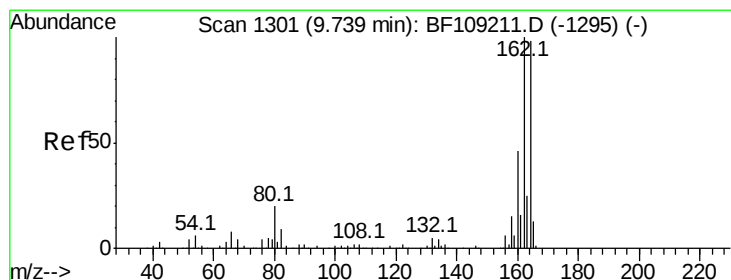
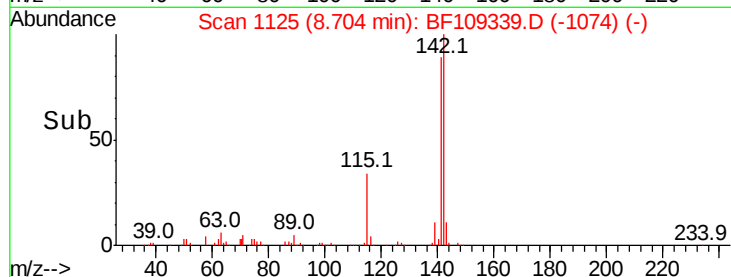
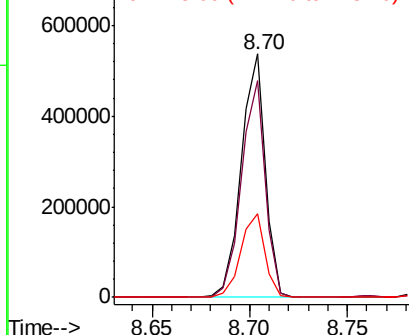


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

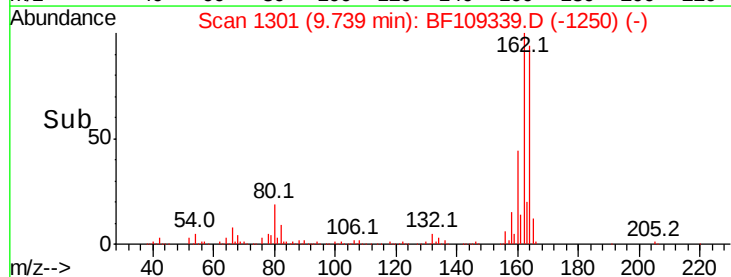
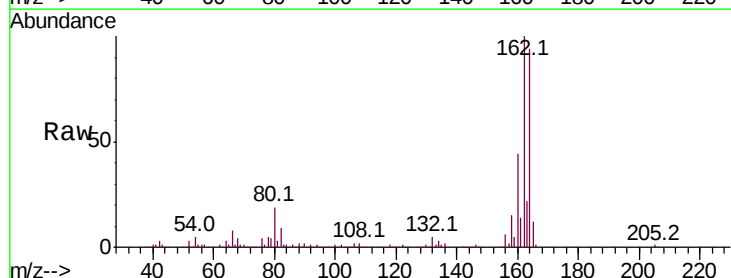
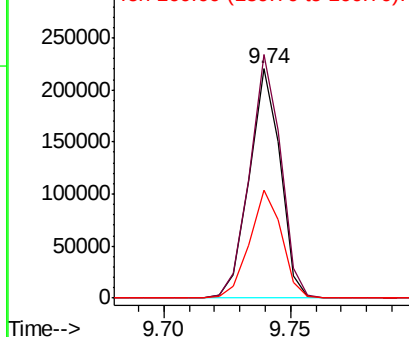
Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.3	86.1	129.1
160	47.1	38.3	57.5

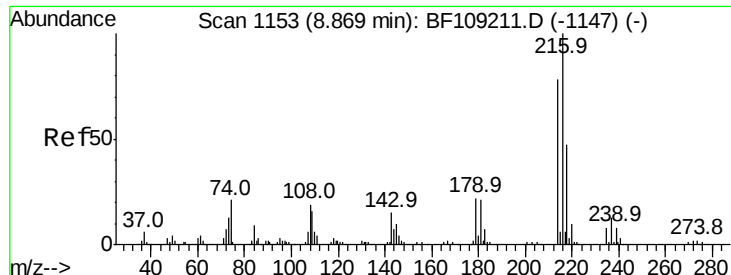
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





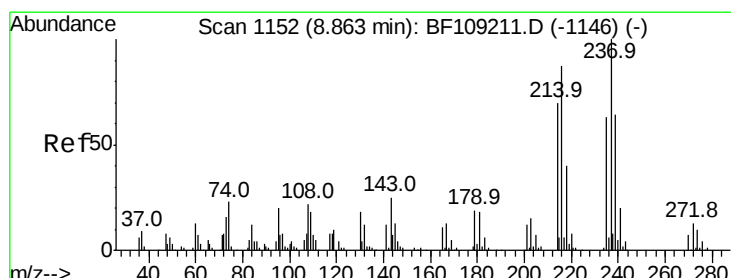
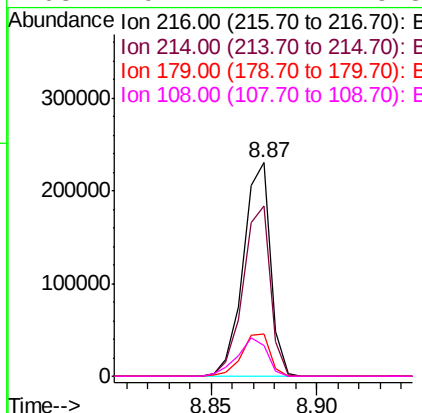
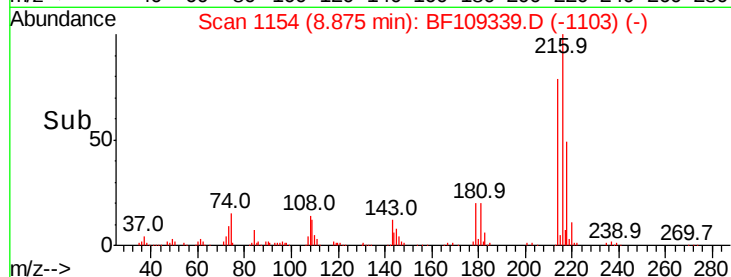
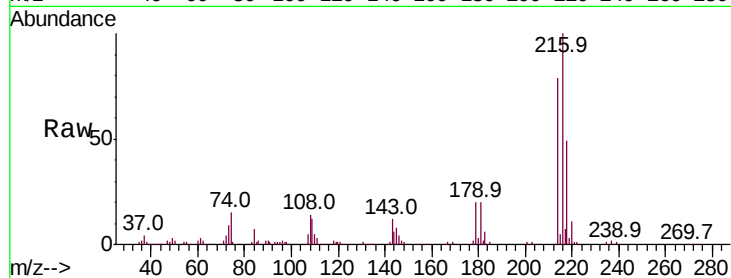
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 34.541 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	205440		
214	80.0	63.0	94.4	
179	20.7	18.1	27.1	
108	19.7	17.2	25.8	

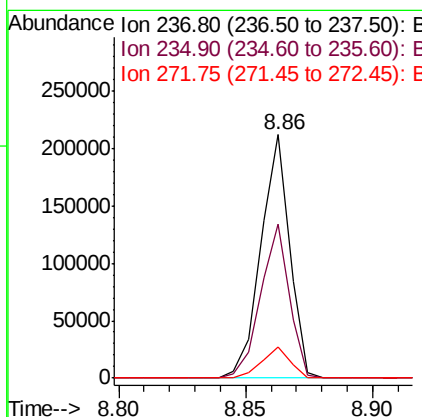
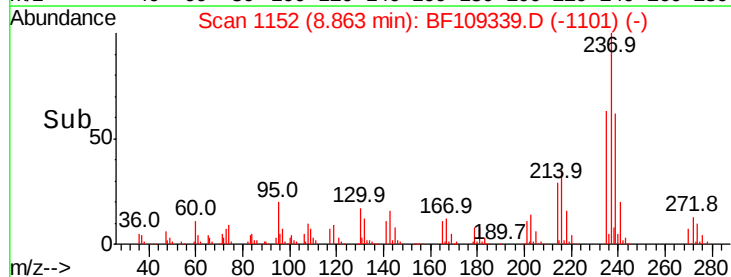
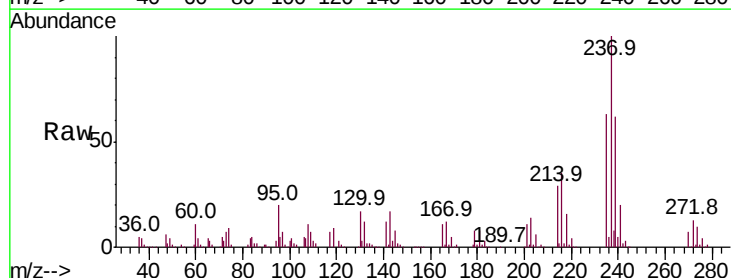
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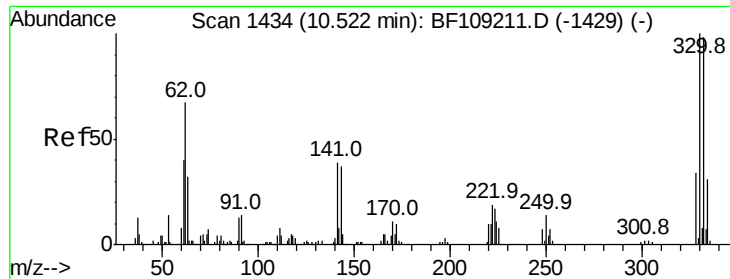
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#40
 Hexachlorocyclopentadiene
 Concen: 65.035 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	168715		
235	63.2	44.8	84.8	
272	12.9	0.0	33.3	





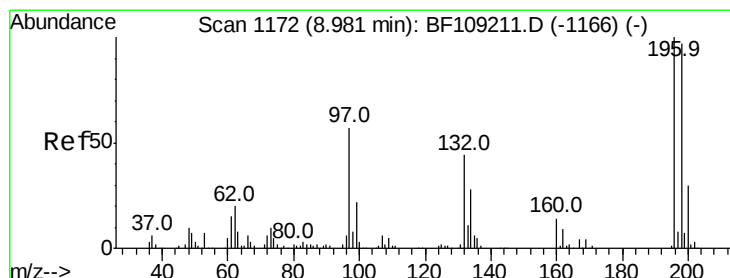
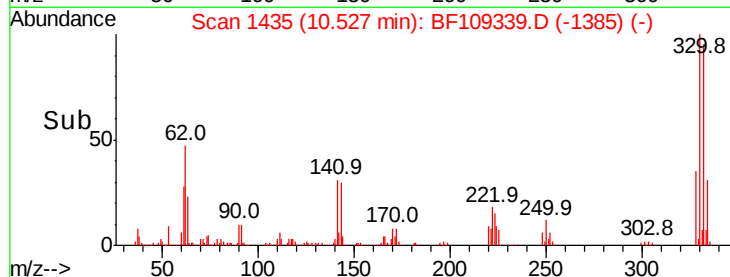
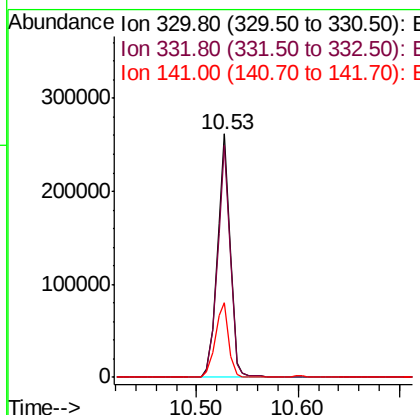
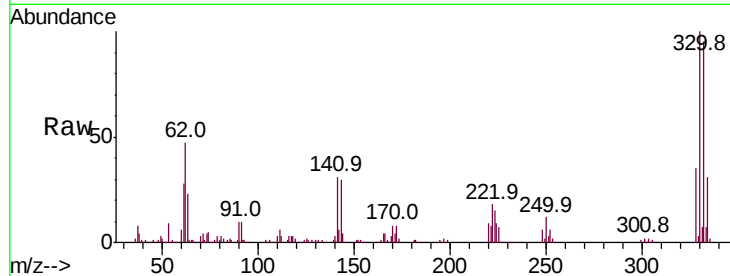
#41
 2,4,6-Tribromophenol
 Concen: 124.278 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion:	330	Resp:	228958
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	32.2	29.9	44.9

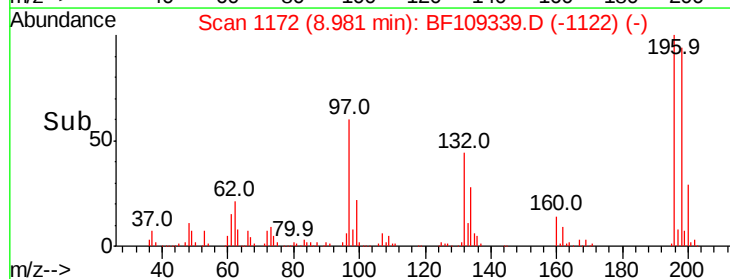
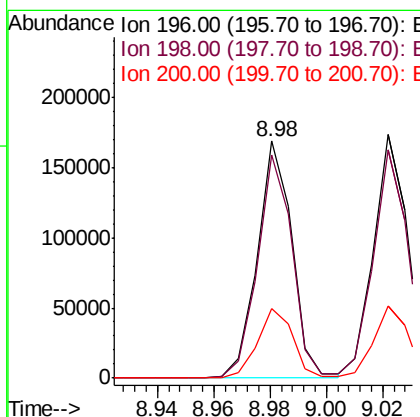
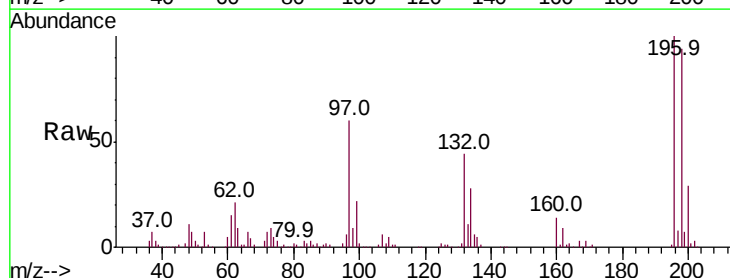
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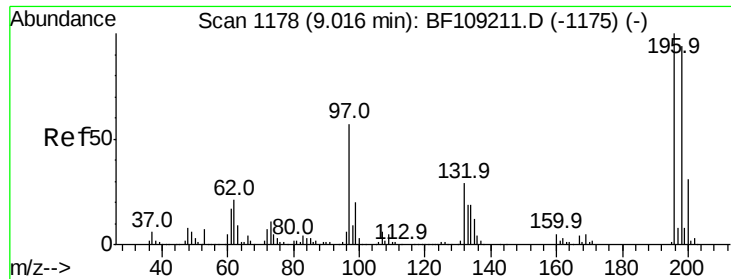
Sohil
 9/27/2018 1:31:13 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.806 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion:	196	Resp:	144316
Ion Ratio	Lower	Upper	
196	100		
198	94.1	75.7	113.5
200	29.2	24.5	36.7





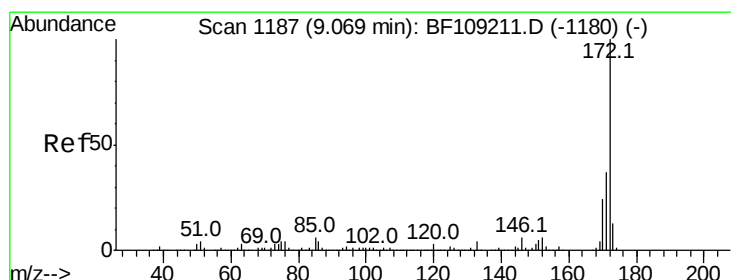
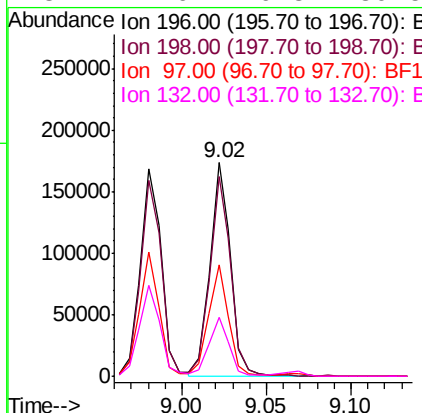
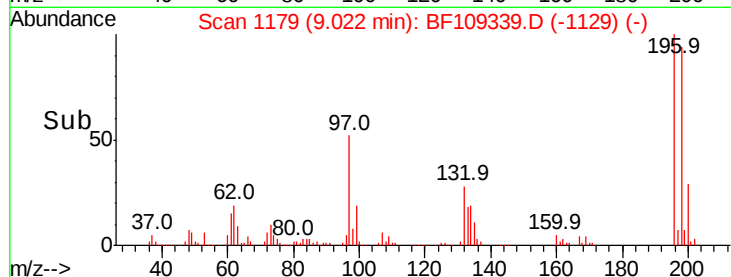
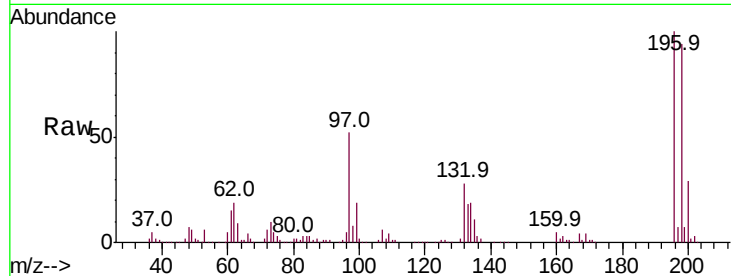
#43
 2,4,5-Trichlorophenol
 Concen: 36.780 ng
 RT: 9.02 min Scan# 1179
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	196	Resp	148281
Ion Ratio	Lower	Upper	
196	100		
198	93.5	74.6	112.0
97	52.4	42.9	64.3
132	27.6	26.3	39.5

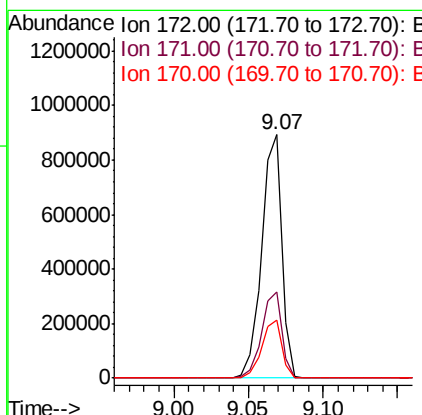
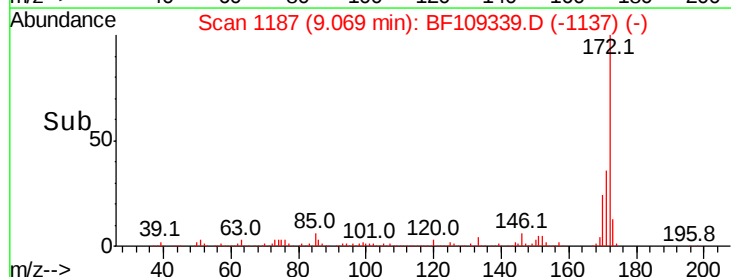
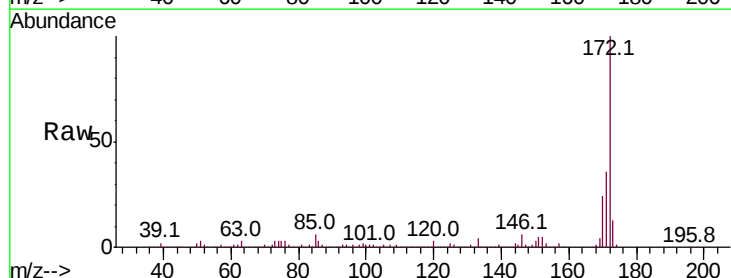
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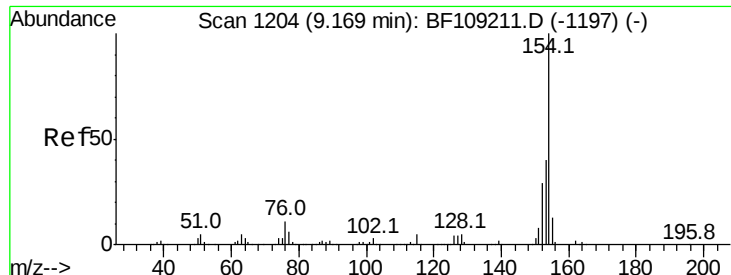
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 9/27/2018 1:31:13 PM



#44
 2-Fluorobiphenyl
 Concen: 66.160 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	172	Resp	819820
Ion Ratio	Lower	Upper	
172	100		
171	35.6	29.7	44.5
170	24.0	19.6	29.4





#45

1,1'-Biphenyl

Concen: 35.414 ng

RT: 9.16 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

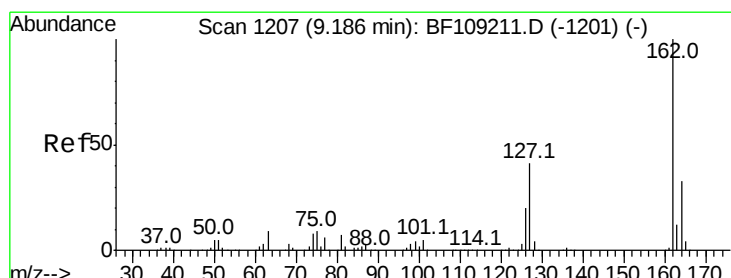
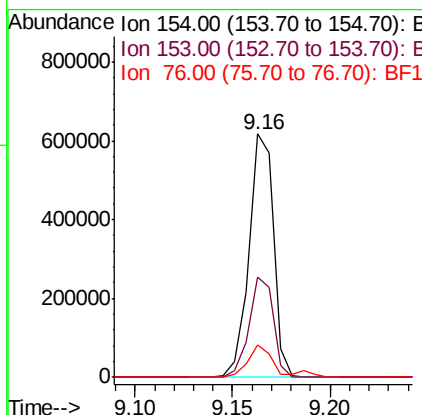
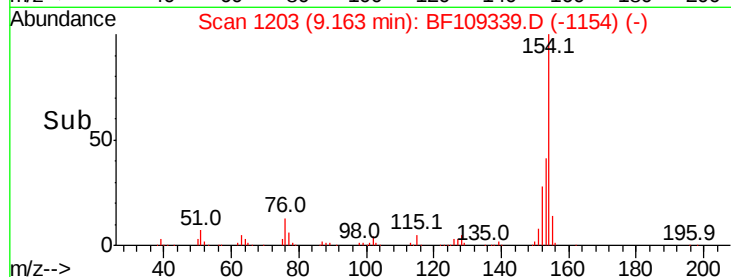
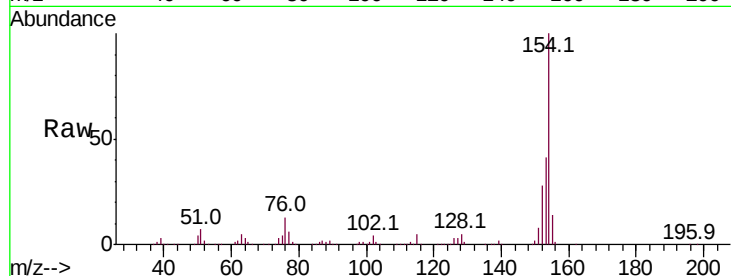
ClientSampleId :

CS-RBR-200027MS

Tot Ion:	154	Resp:	539238
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	13.2	0.0	34.0

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9/27/2018 1:31:13 PM



#46

2-Chloronaphthalene

Concen: 34.727 ng

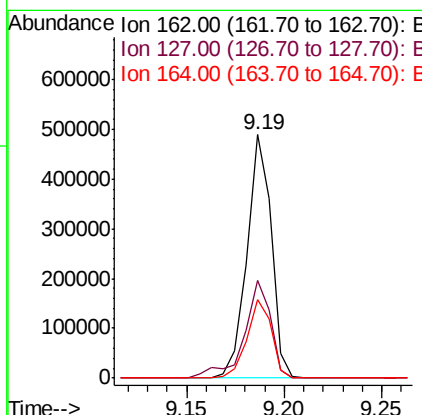
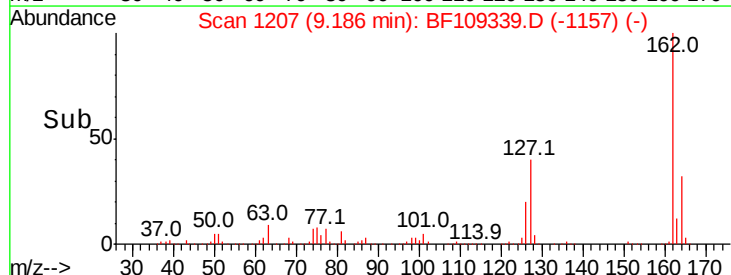
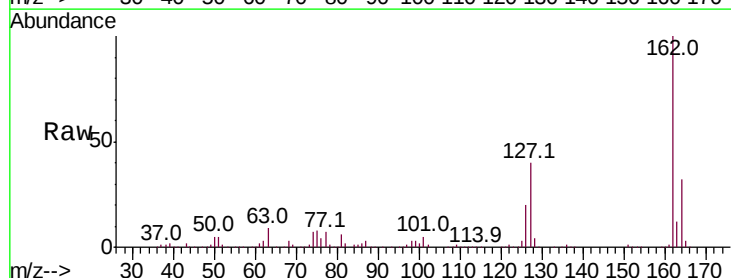
RT: 9.19 min Scan# 1207

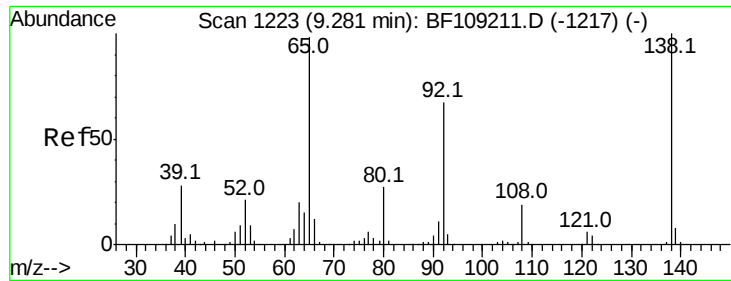
Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion:	162	Resp:	422429
Ion Ratio	Lower	Upper	
162	100		
127	40.2	33.9	50.9
164	32.1	26.5	39.7





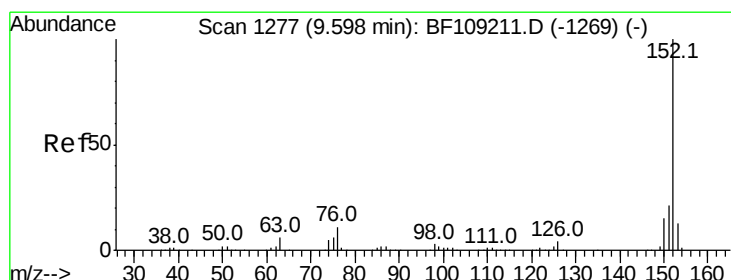
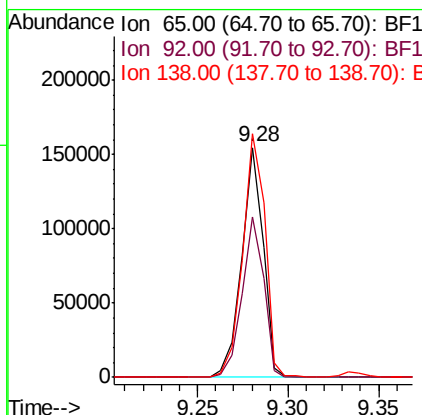
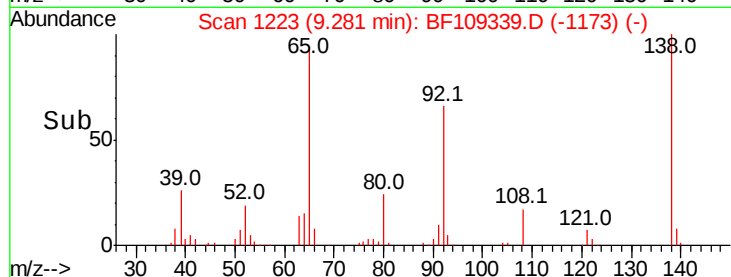
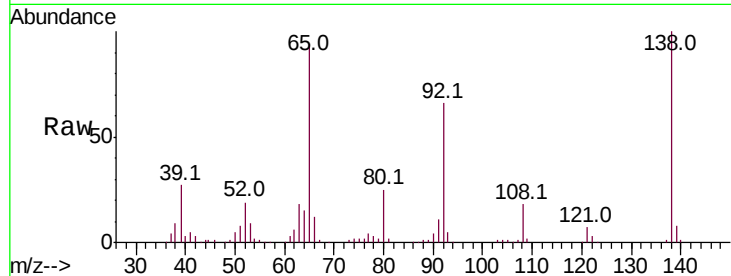
#47
 2-Nitroaniline
 Concen: 36.897 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion:	65	Resp:	127250
Ion Ratio	Lower	Upper	
65	100		
92	69.9	55.8	83.6
138	106.0	91.2	136.8

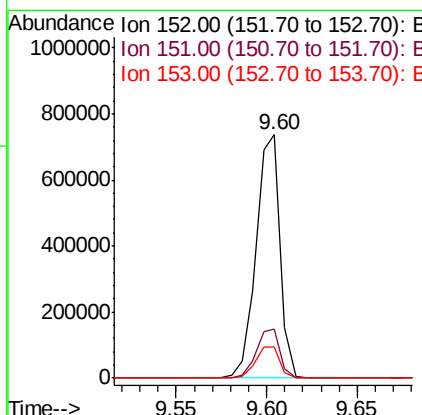
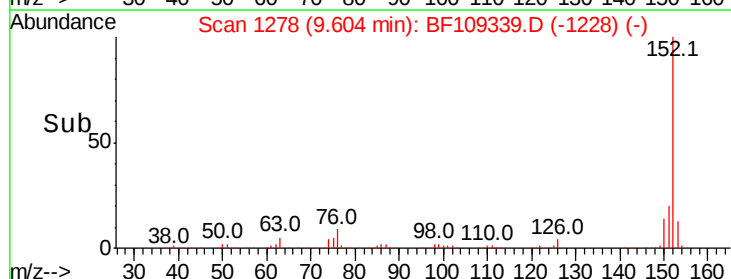
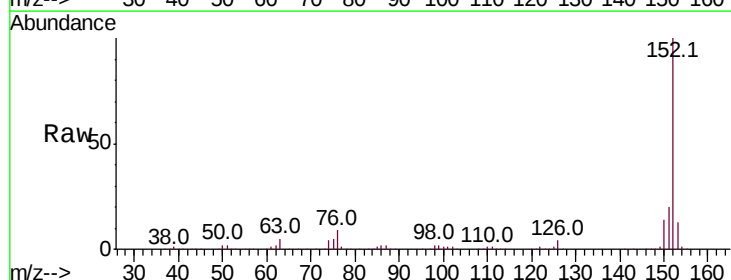
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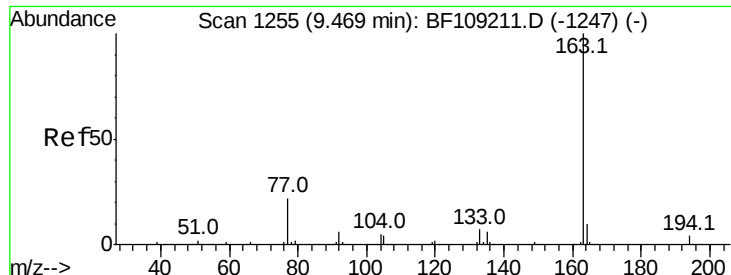
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 9/27/2018 1:31:13 PM



#48
 Acenaphthylene
 Concen: 36.687 ng
 RT: 9.60 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion:	152	Resp:	673236
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.3	24.5
153	13.0	10.7	16.1





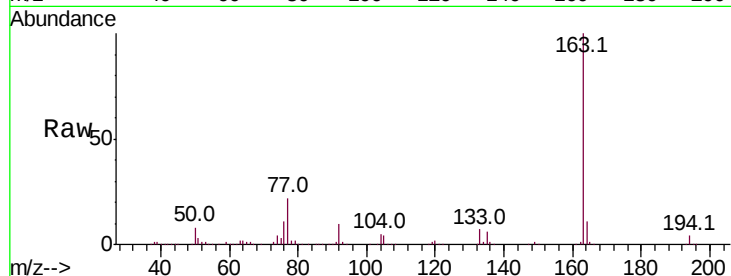
#49
 Dimethylphthalate
 Concen: 59.718 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

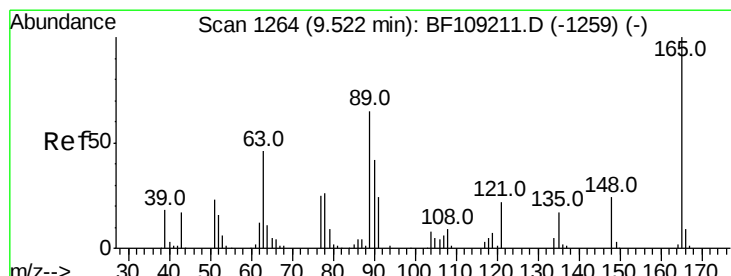
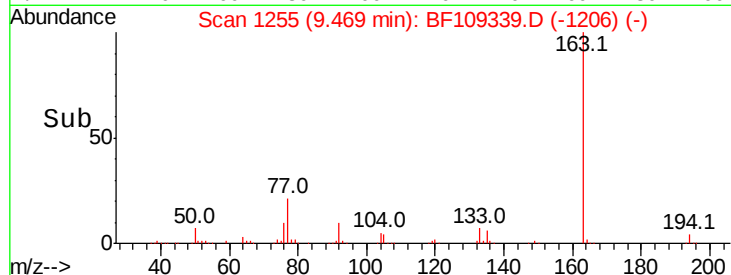
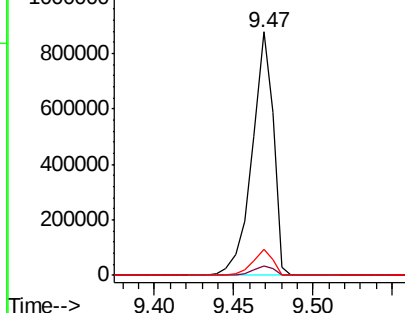
Tot Ion:	163	Resp:	811743
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.7	4.1
164	10.5	8.2	12.2

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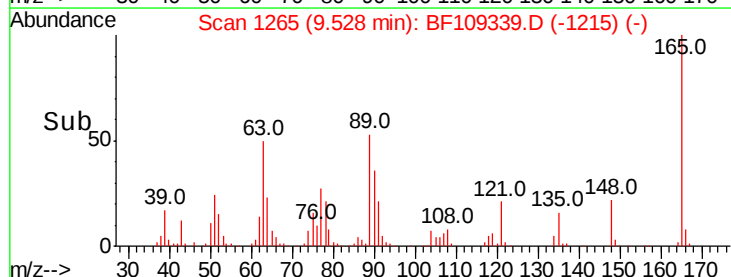
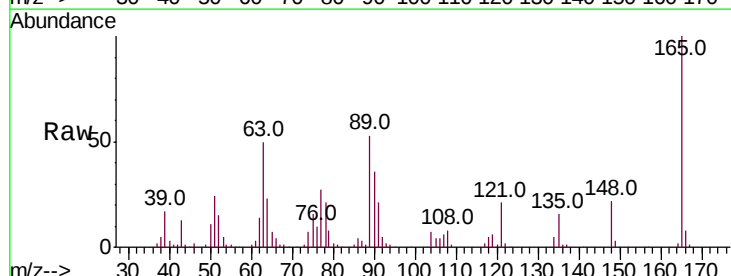
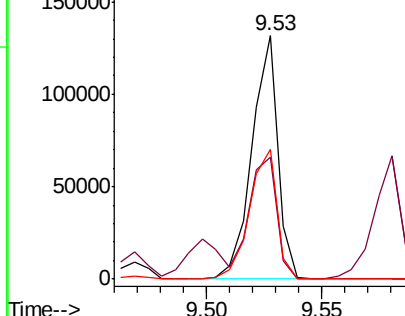
Abundance Ion 163.00 (162.70 to 163.70): E
 1200000
 Ion 194.00 (193.70 to 194.70): E
 1000000
 Ion 164.00 (163.70 to 164.70): E

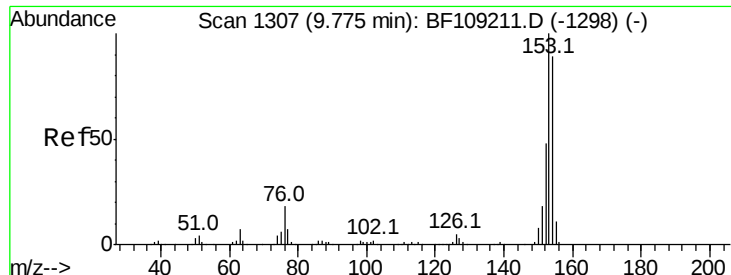


#50
 2,6-Dinitrotoluene
 Concen: 38.678 ng
 RT: 9.53 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion:	165	Resp:	104124
Ion Ratio	Lower	Upper	
165	100		
63	50.1	44.7	67.1
89	53.3	44.0	66.0

Abundance Ion 165.00 (164.70 to 165.70): E
 150000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 36.086 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

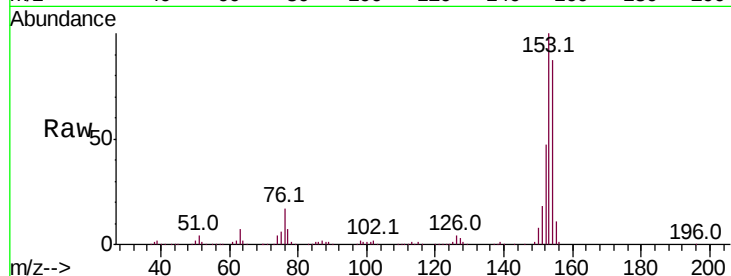
ClientSampleId :

CS-RBR-200027MS

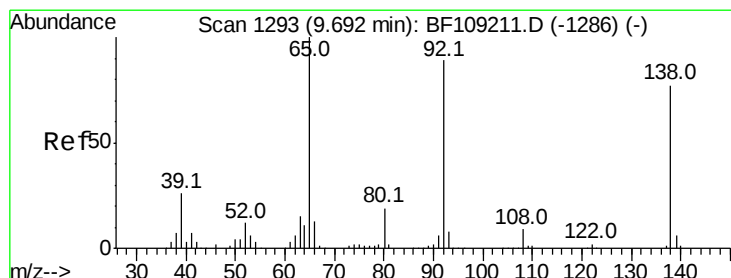
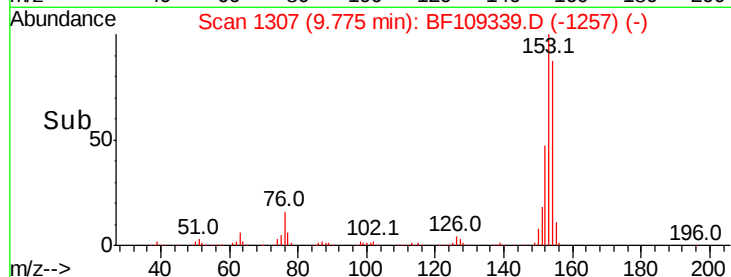
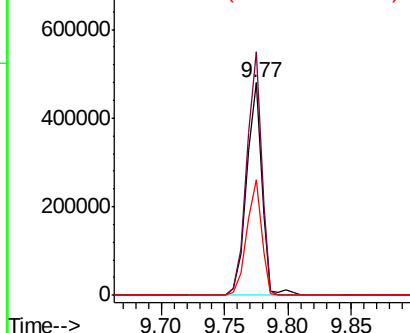
Tot Ion:	154	Resp:	400371
Ion Ratio	Lower	Upper	
154	100		
153	114.5	91.2	136.8
152	54.3	43.8	65.8

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9/27/2018 1:31:13 PM



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.667 ng

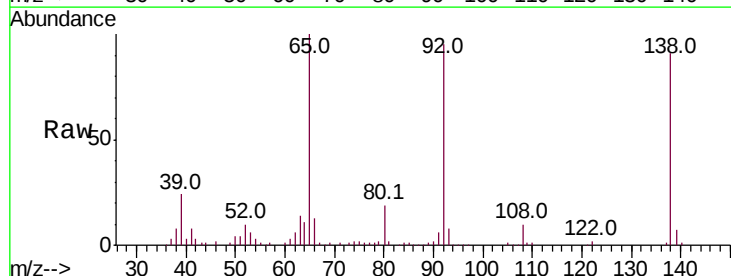
RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

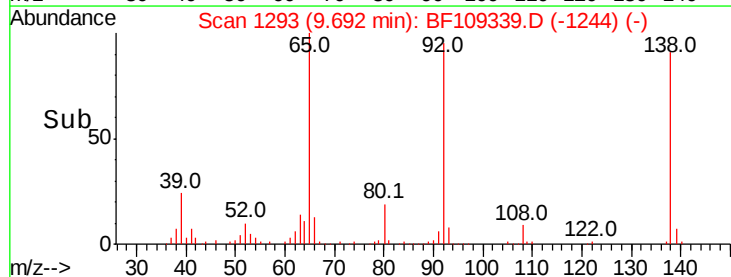
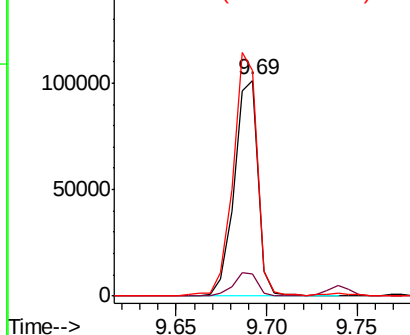
Lab File: BF109339.D

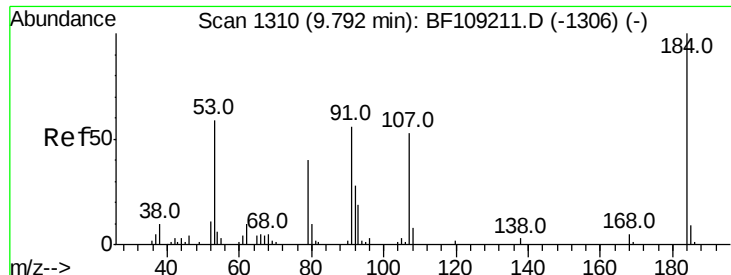
Acq: 26 Sep 2018 16:27

Tgt Ion:	138	Resp:	92493
Ion Ratio	Lower	Upper	
138	100		
108	10.5	9.4	14.0
92	104.3	89.4	134.2



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1





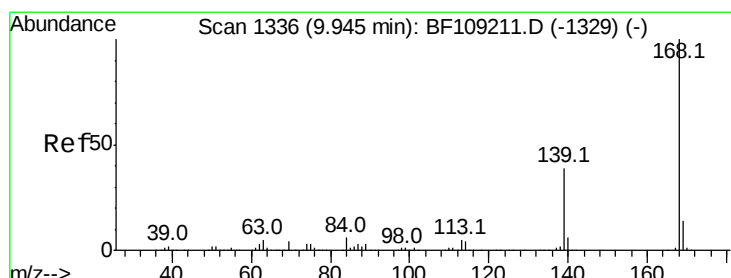
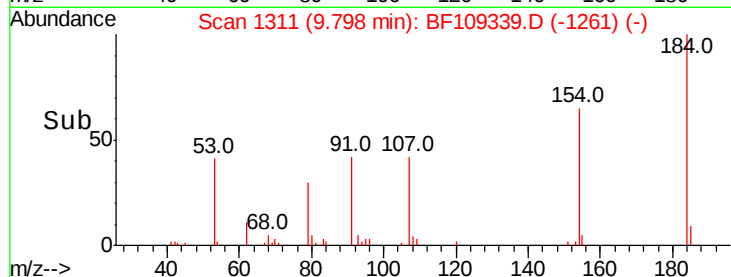
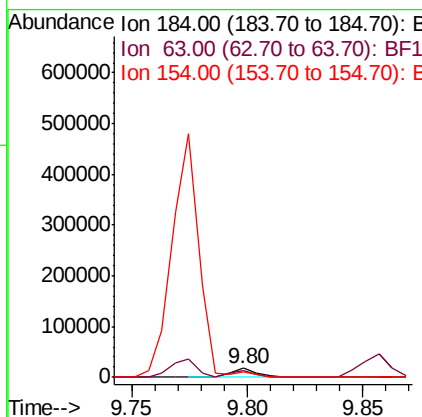
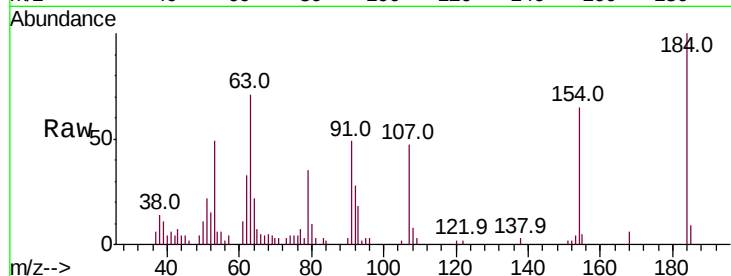
#53
2,4-Dinitrophenol
Concen: 22.360 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.6	54.2	81.2
154	65.1	184.0	276.0#

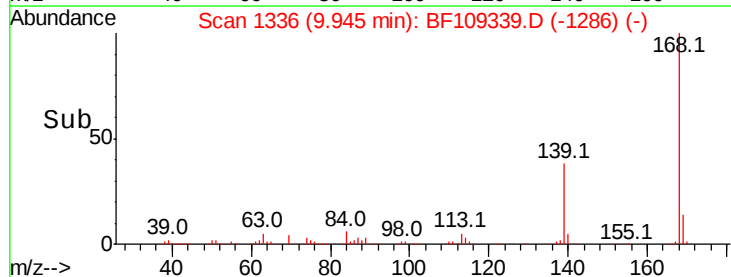
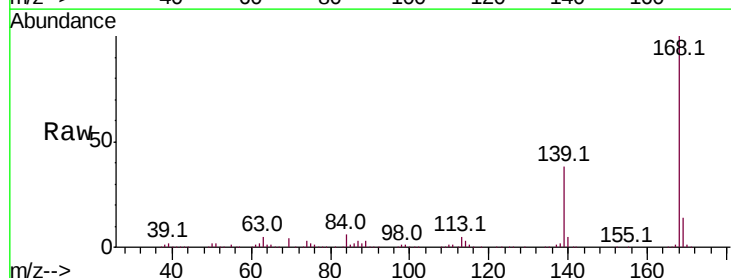
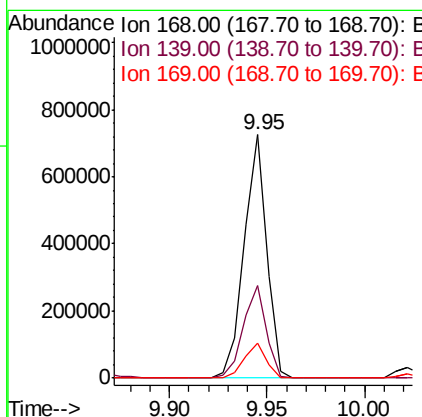
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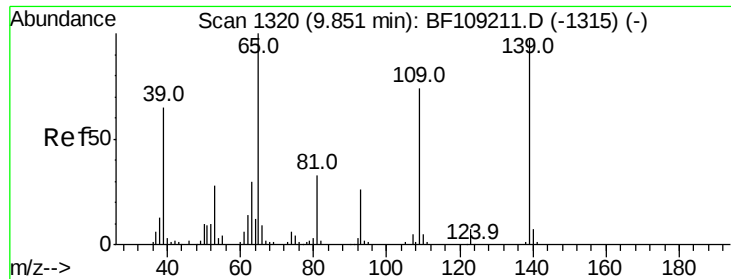
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9/27/2018 1:31:13 PM



#54
Dibenzofuran
Concen: 35.266 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	14.1	10.9	16.3





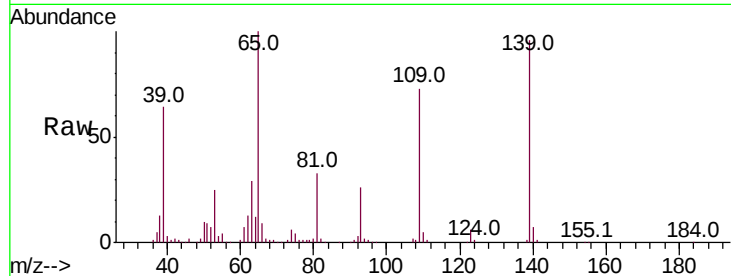
#55
4-Nitrophenol
Concen: 59.763 ng
RT: 9.86 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	75.3	48.4	88.4
65	103.7	72.6	112.6

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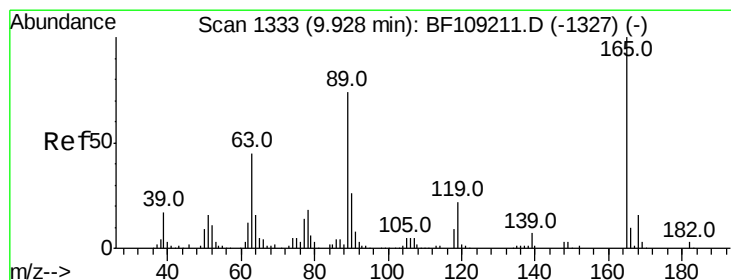
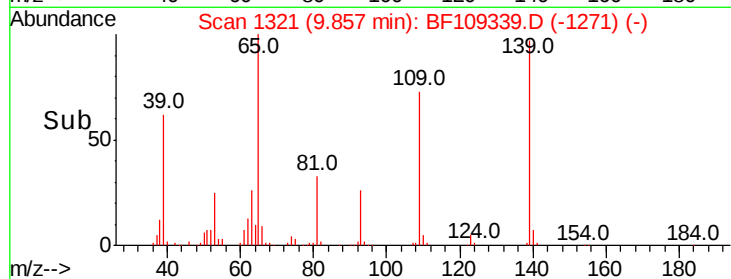
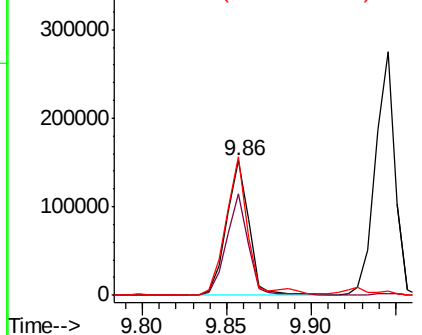


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 40.146 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	43.0	36.4	54.6
89	73.3	57.8	86.6
182	2.7	1.6	2.4#

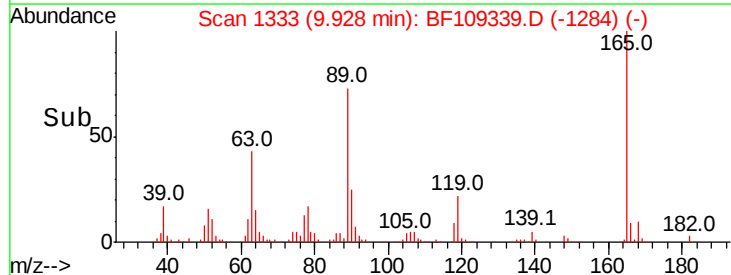
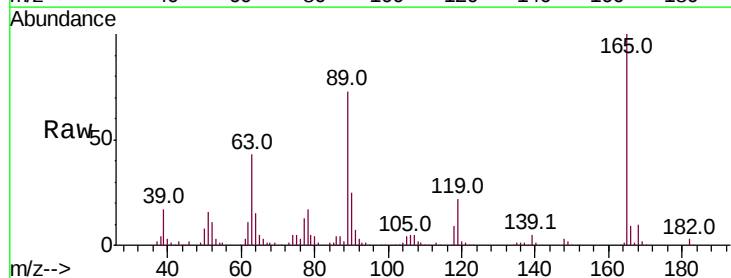
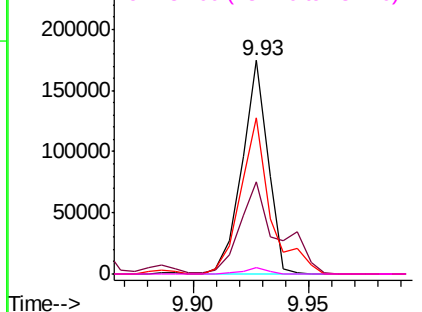
Abundance

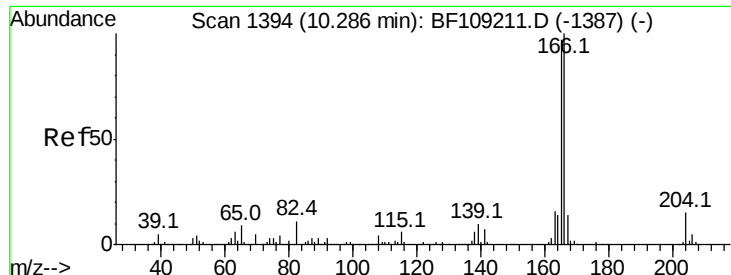
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





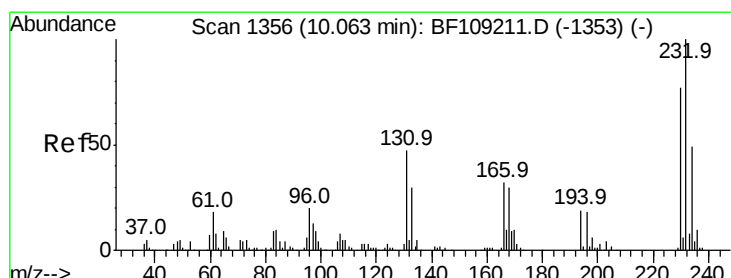
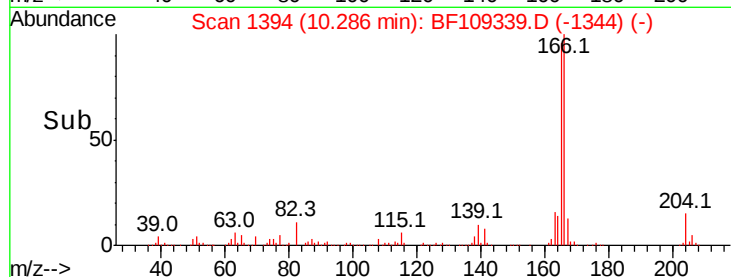
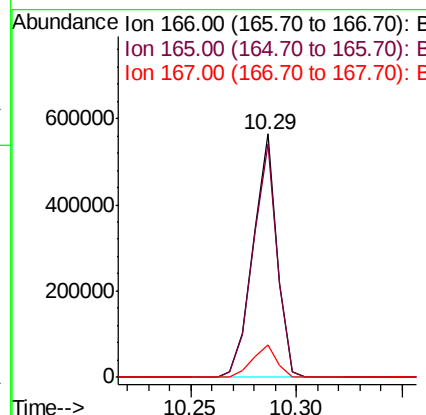
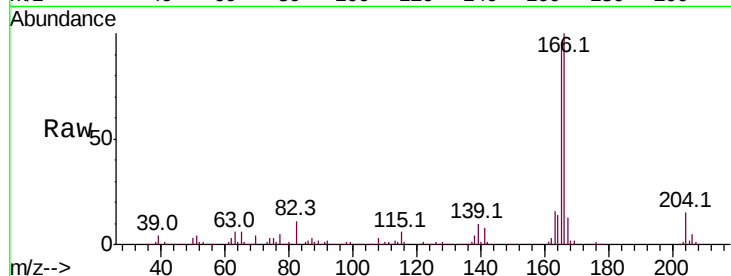
#57
 Fluorene
 Concen: 37.752 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	96.0	79.8	119.8	
167	13.3	10.6	16.0	

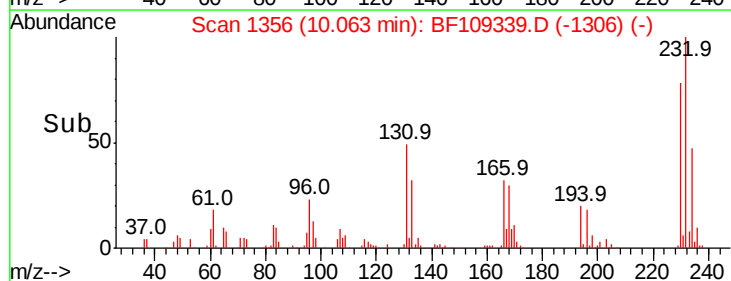
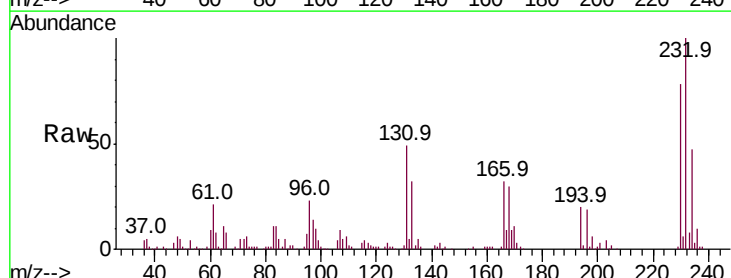
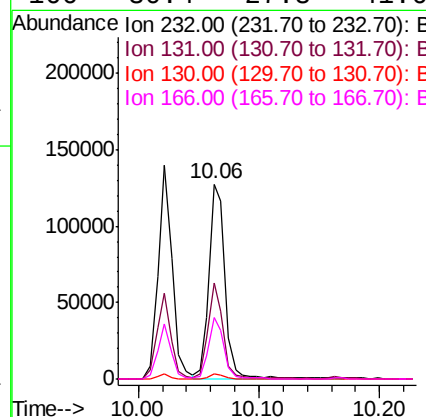
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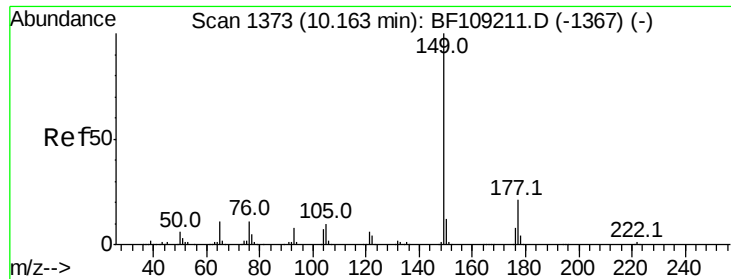
Sohil
 9/27/2018 1:31:13 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.057 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	46.6	43.8	65.8	
130	2.2	2.1	3.1	
166	30.4	27.8	41.6	





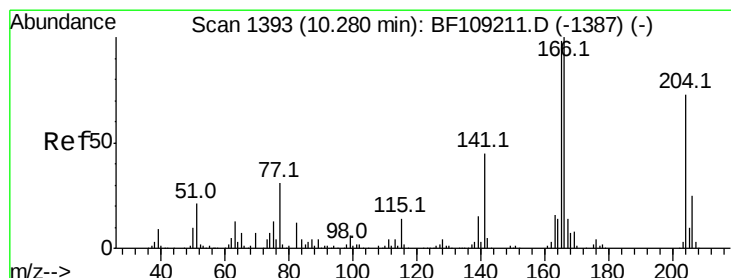
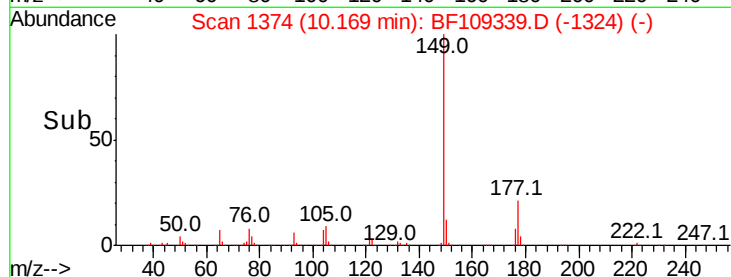
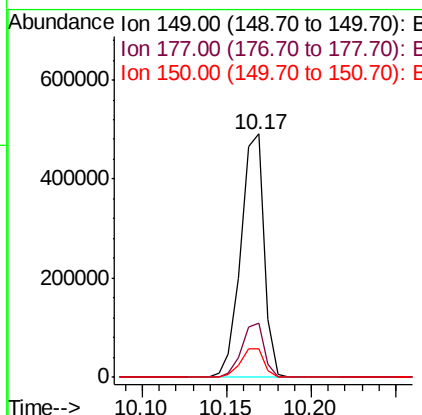
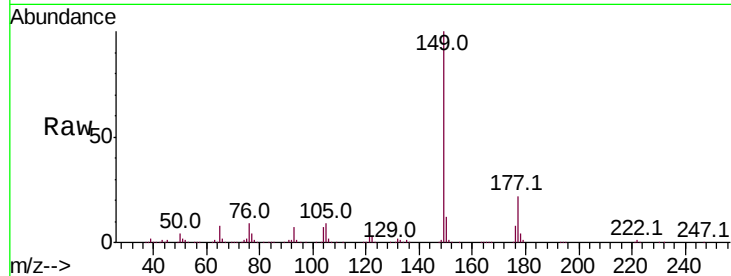
#59
Diethylphthalate
Concen: 34.421 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	473791		
177	22.0	16.1	24.1	
150	11.9	10.1	15.1	

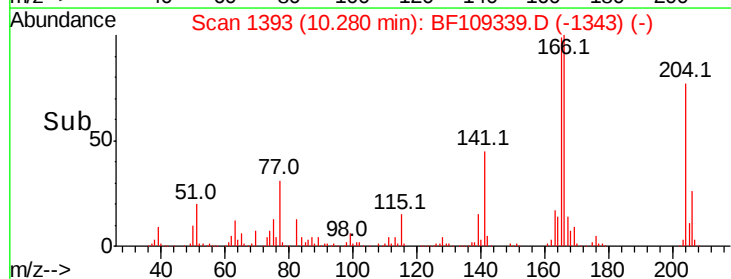
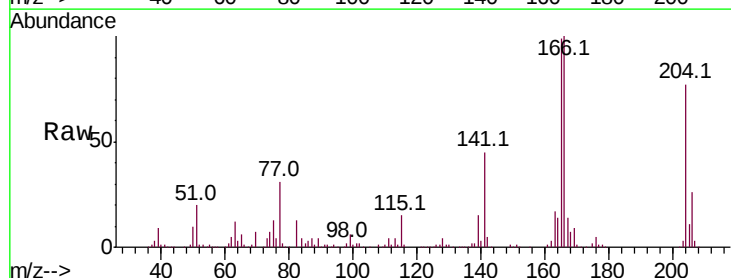
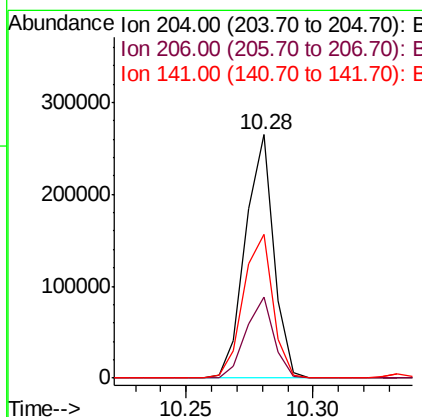
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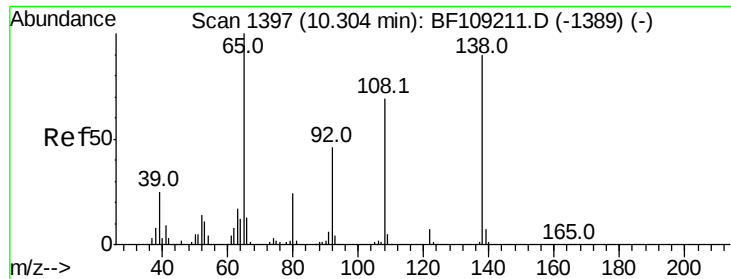
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 33.509 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	206048		
206	33.4	26.5	39.7	
141	58.9	54.6	81.8	





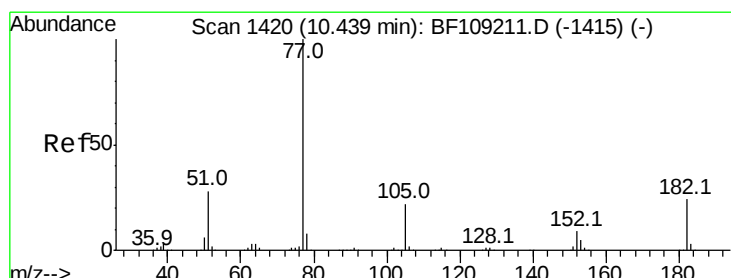
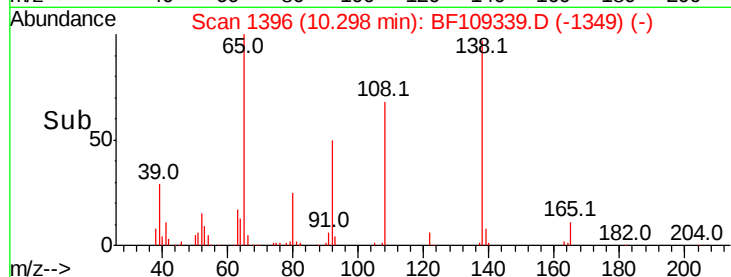
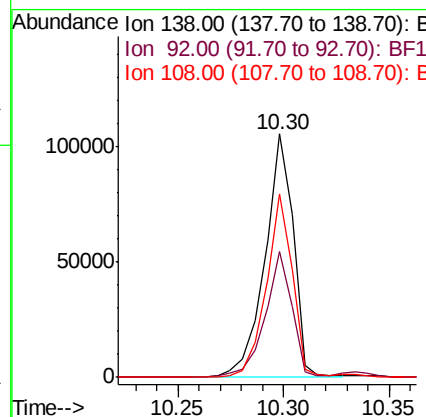
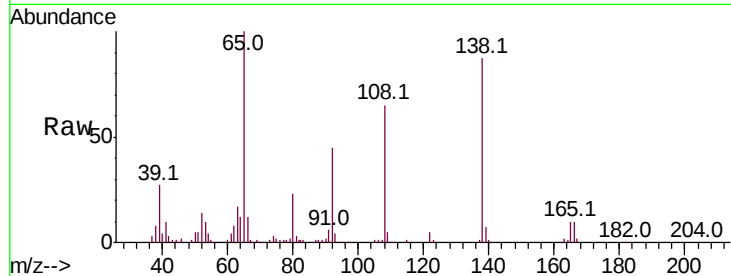
#61
4-Nitroaniline
Concen: 32.520 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.02 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.8	30.2	70.2
108	75.4	52.5	92.5

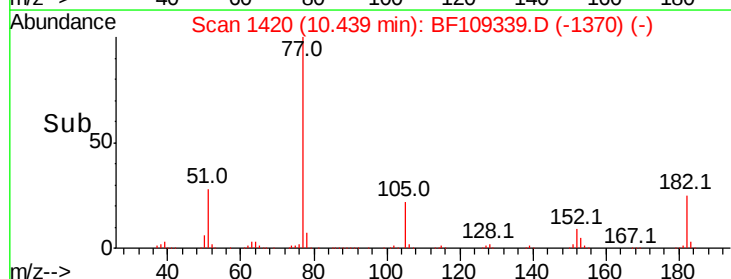
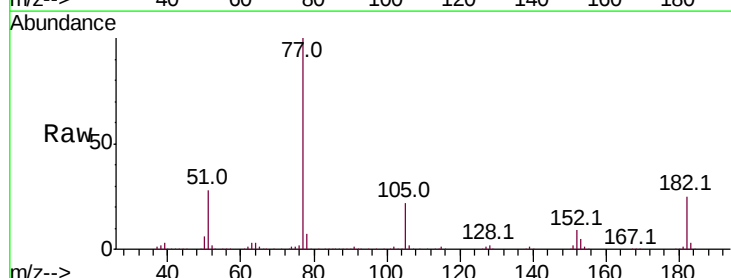
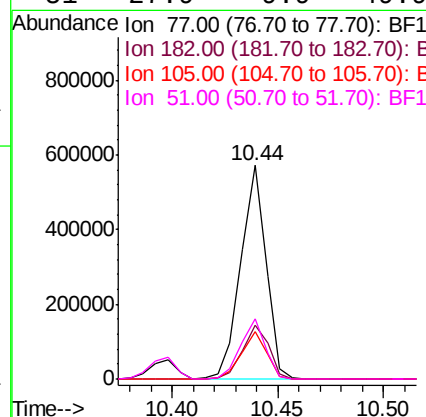
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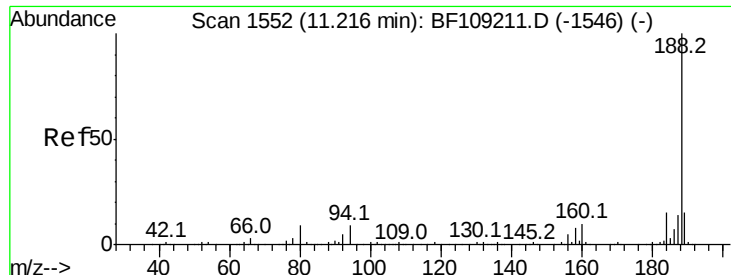
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#62
Azobenzene
Concen: 32.962 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	1.7	41.7
105	22.1	3.0	43.0
51	27.9	9.9	49.9





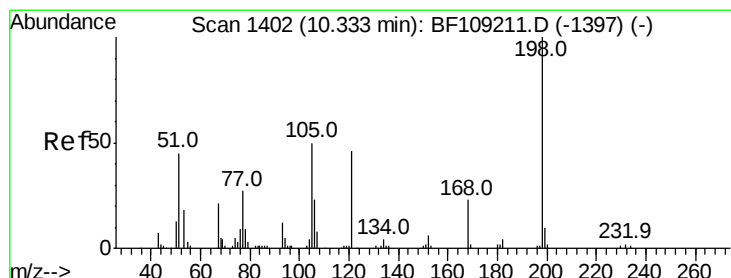
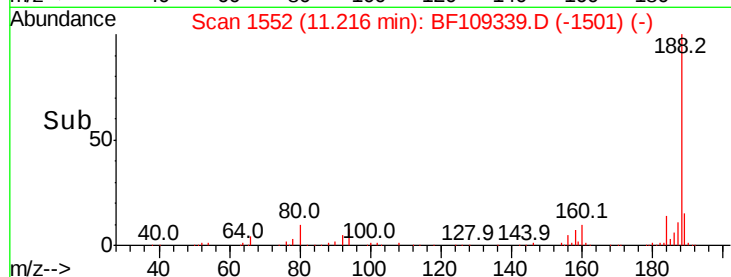
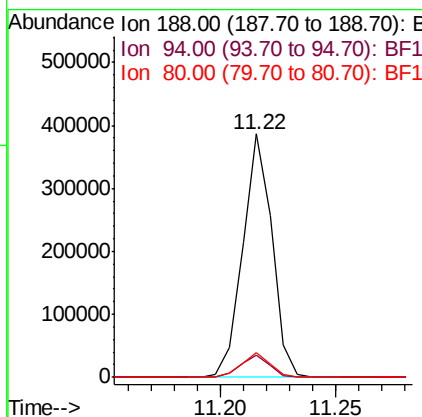
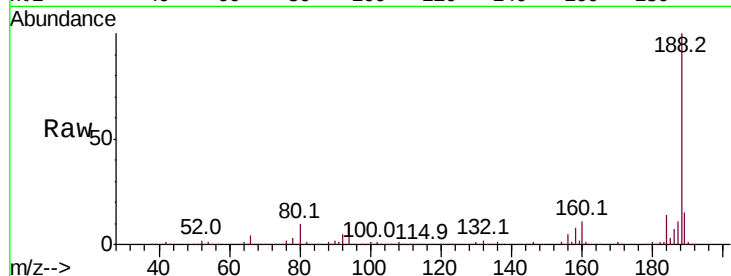
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.4	8.5	12.7	
80	9.9	9.2	13.8	

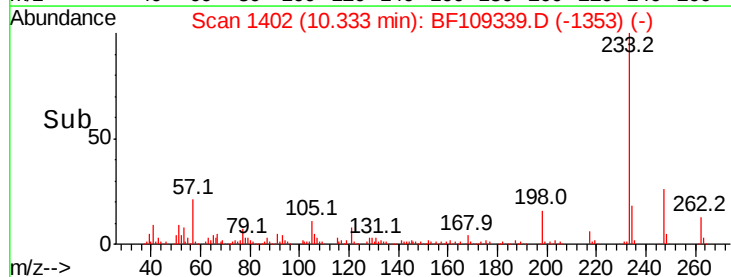
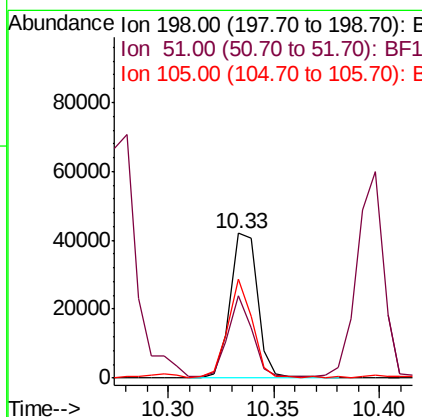
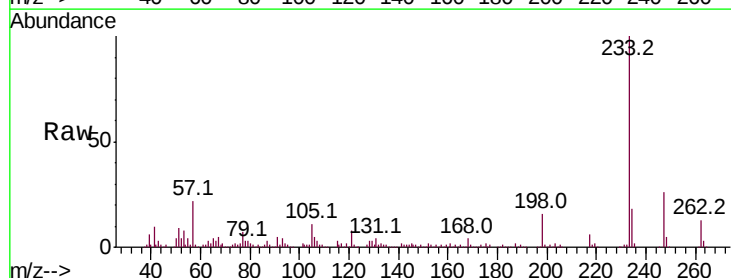
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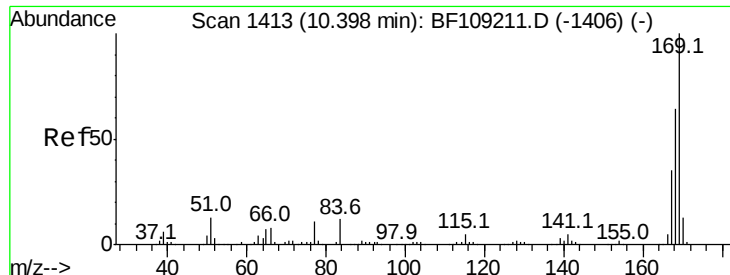
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.360 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	56.7	37.7	77.7	
105	68.4	36.3	76.3	





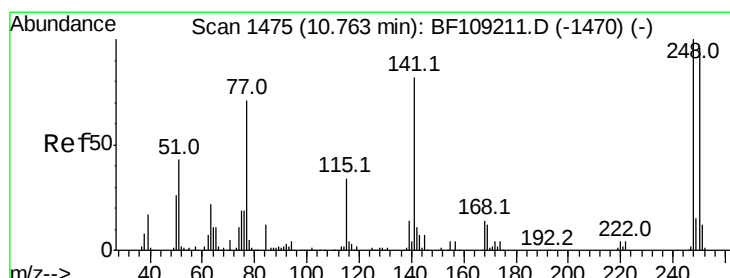
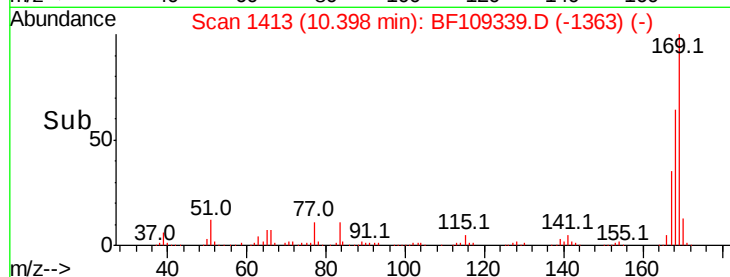
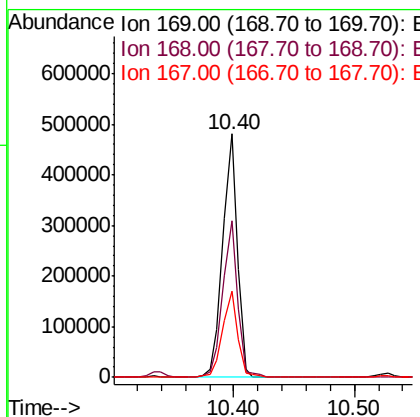
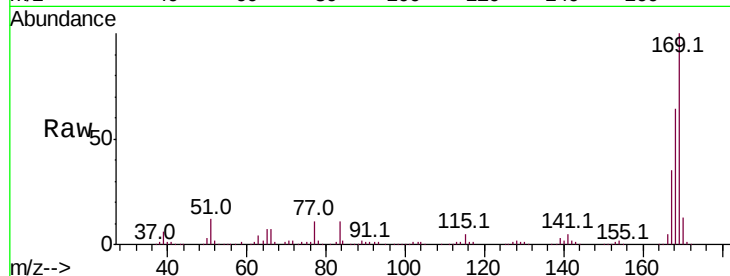
#65
 n-Nitrosodiphenylamine
 Concen: 35.907 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	64.2	54.4	81.6	
167	35.3	29.8	44.6	

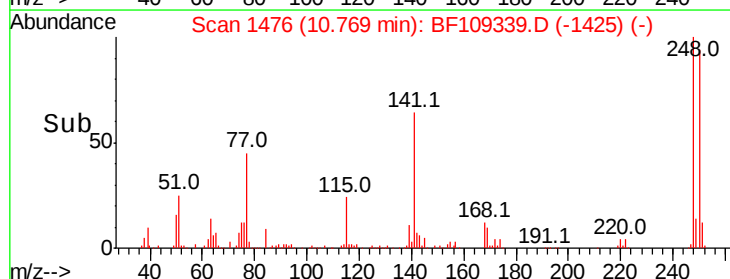
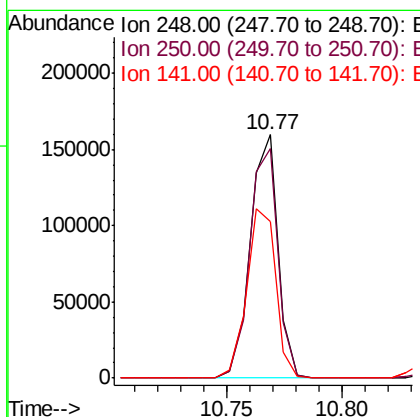
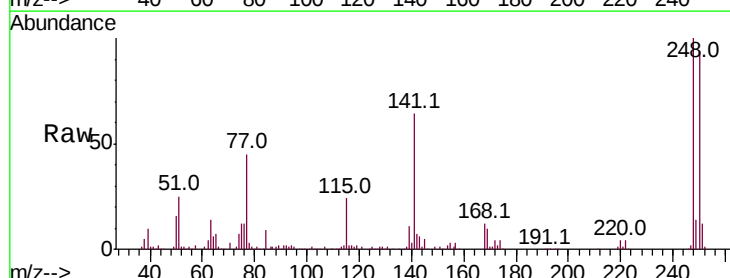
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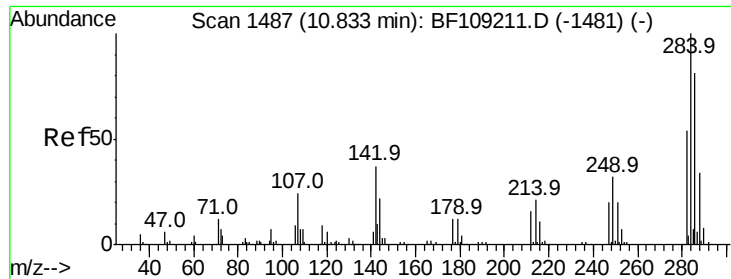
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 35.366 ng
 RT: 10.77 min Scan# 1476
 Delta R.T. 0.00 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	94.4	76.9	115.3	
141	64.1	74.4	111.6	





#67

Hexachlorobenzene

Concen: 35.493 ng

RT: 10.84 min Scan# 1488

Delta R.T. 0.00 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

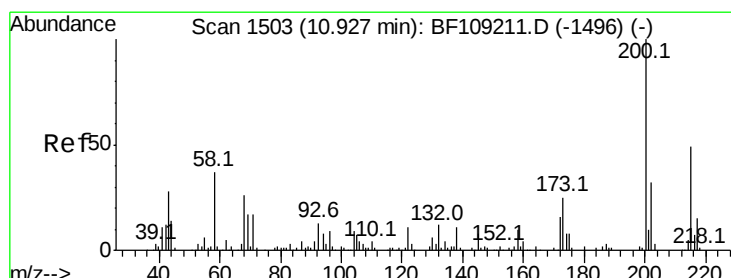
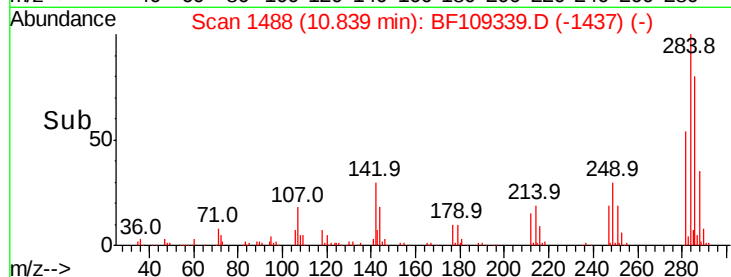
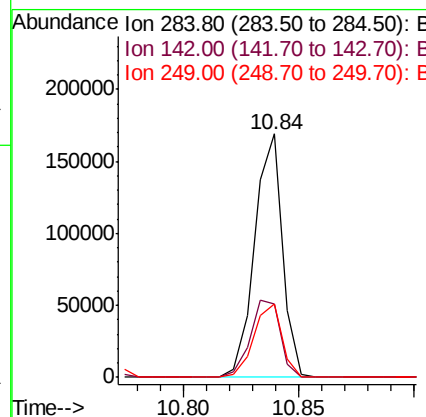
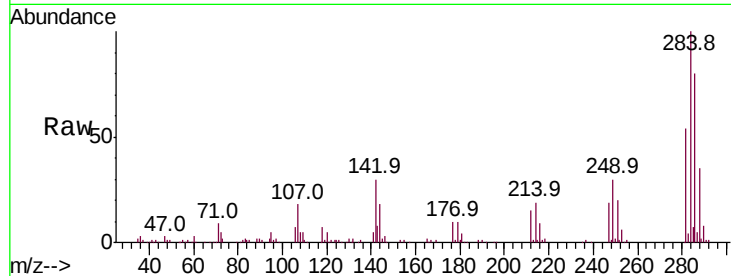
ClientSampleId :

CS-RBR-200027MS

Tot Ion:	284	Resp:	142881
Ion Ratio	Lower	Upper	
284	100		
142	30.2	34.6	52.0#
249	30.3	24.8	37.2

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#68

Atrazine

Concen: 35.725 ng

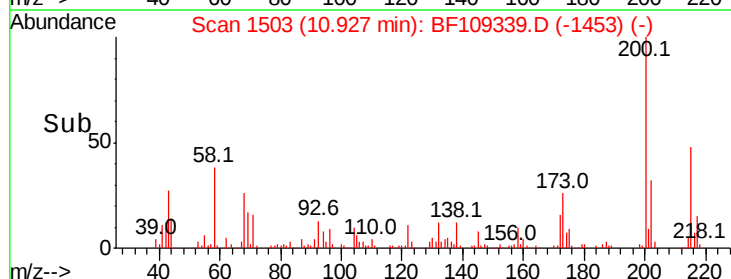
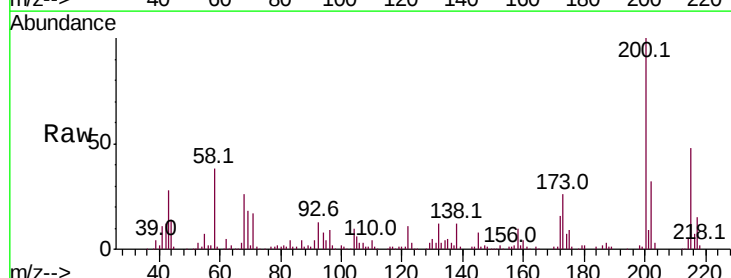
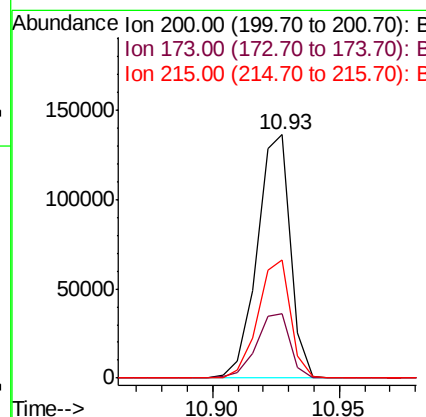
RT: 10.93 min Scan# 1503

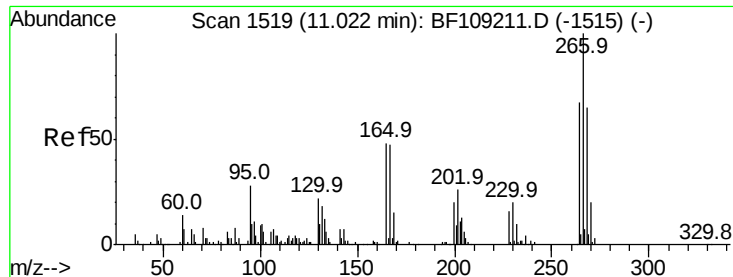
Delta R.T. -0.01 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion:	200	Resp:	123908
Ion Ratio	Lower	Upper	
200	100		
173	26.3	8.6	48.6
215	48.3	25.1	65.1





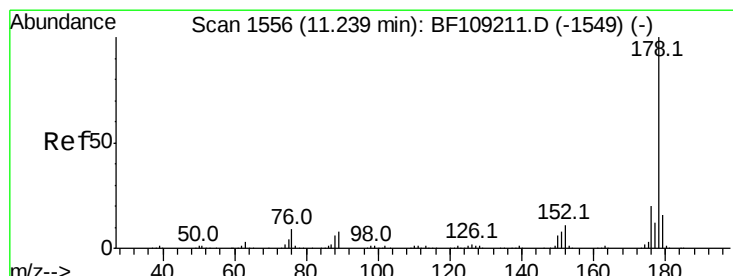
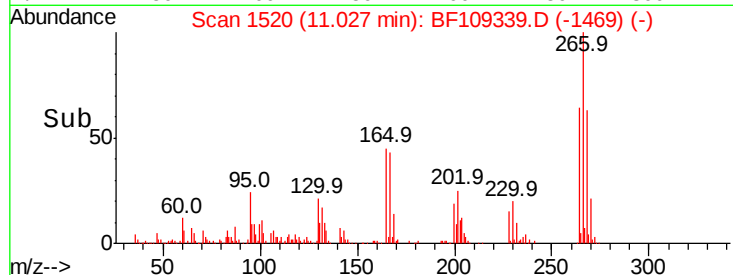
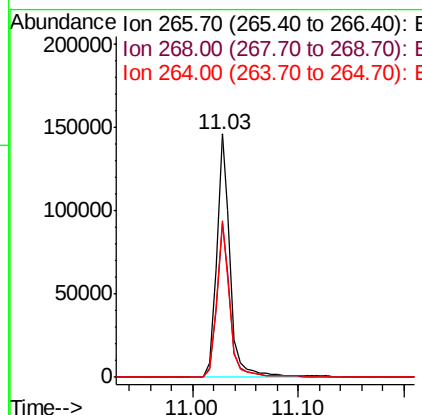
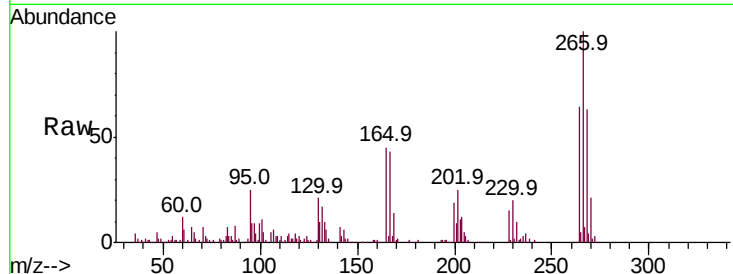
#69
 Pentachlorophenol
 Concen: 55.212 ng
 RT: 11.03 min Scan# 1520
 Delta R.T. 0.00 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	63.5	51.1	76.7	
264	64.4	49.5	74.3	

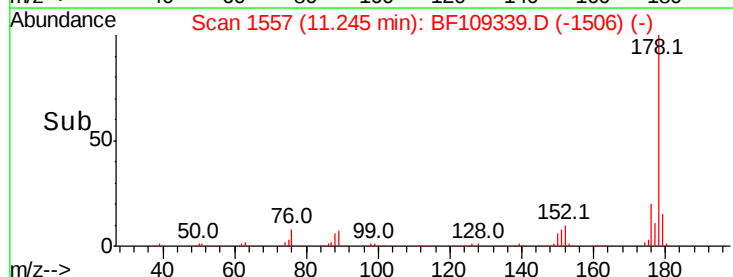
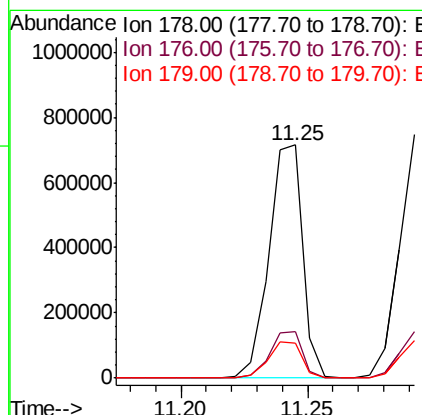
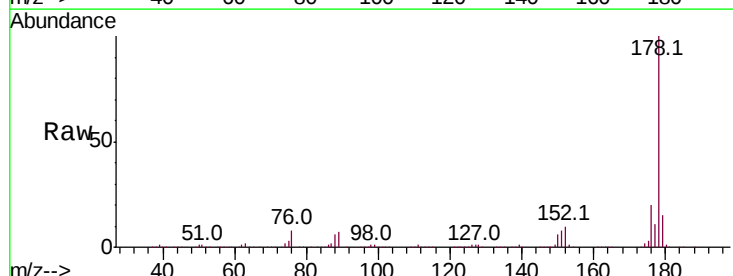
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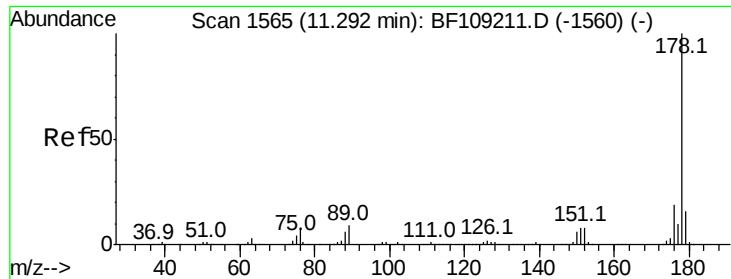
Sohil
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#70
 Phenanthrene
 Concen: 39.184 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.8	15.8	23.8	
179	15.2	13.0	19.6	





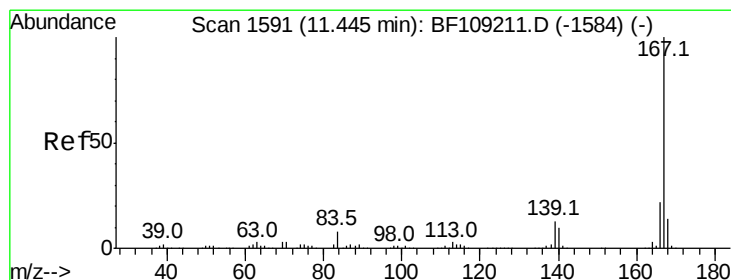
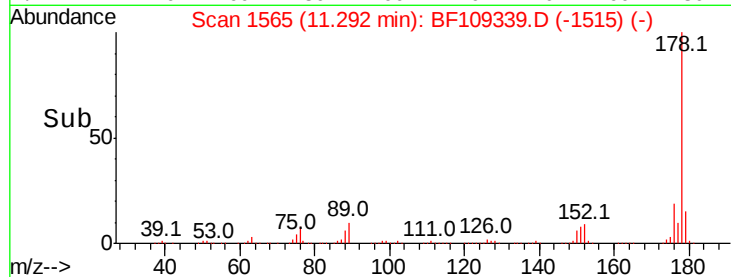
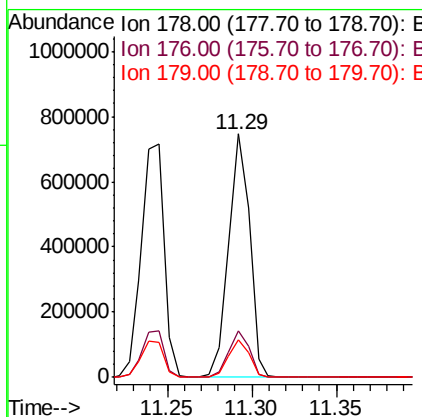
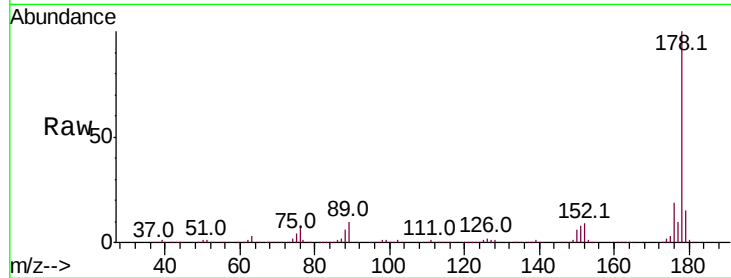
#71
 Anthracene
 Concen: 37.238 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.4	12.6	19.0

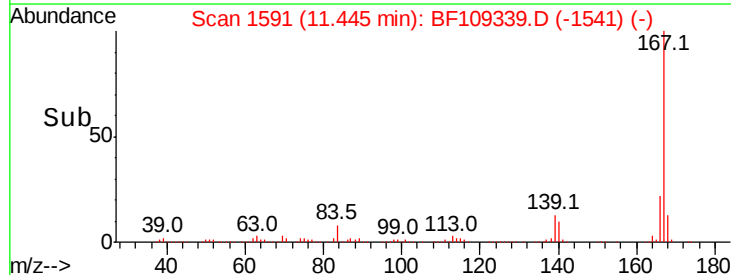
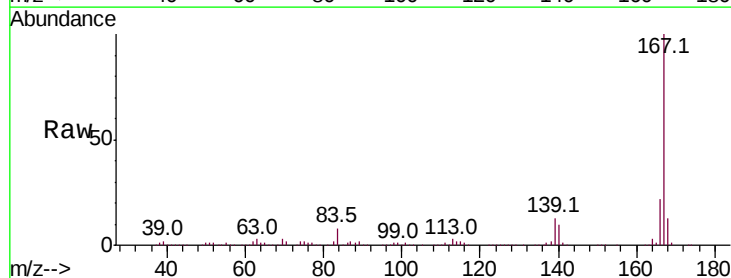
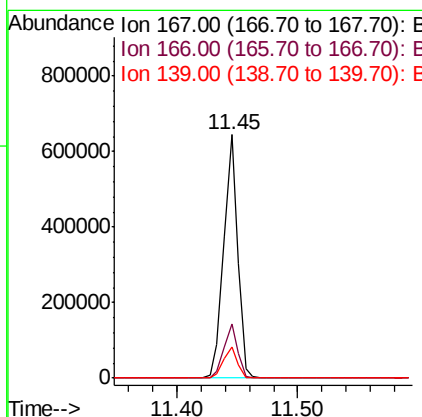
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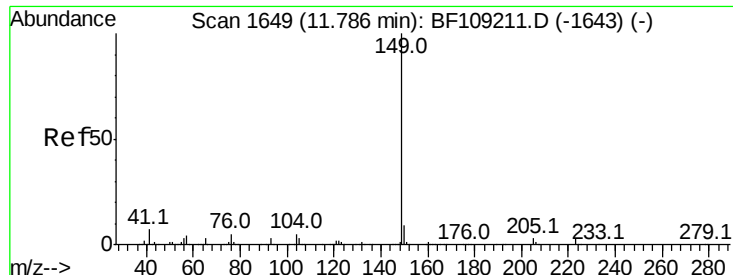
Sohil
 9/27/2018 1:31:13 PM



#72
 Carbazole
 Concen: 29.966 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.8	10.9	16.3





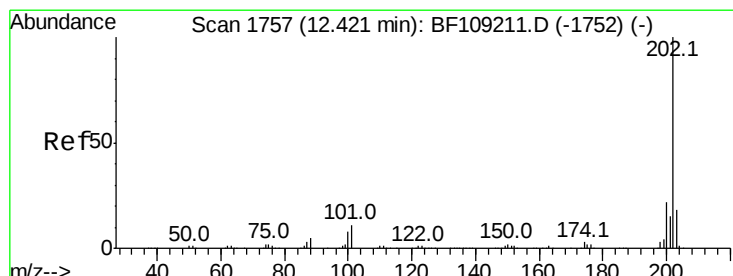
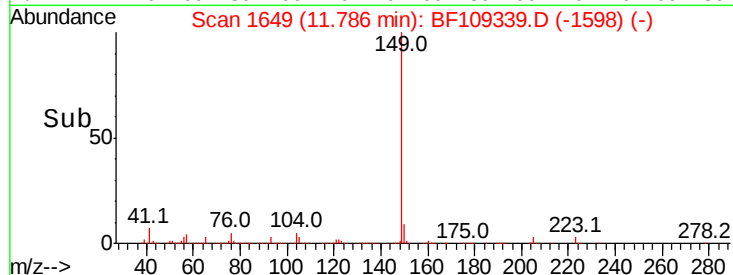
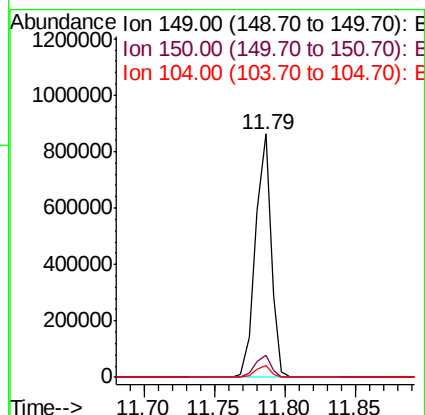
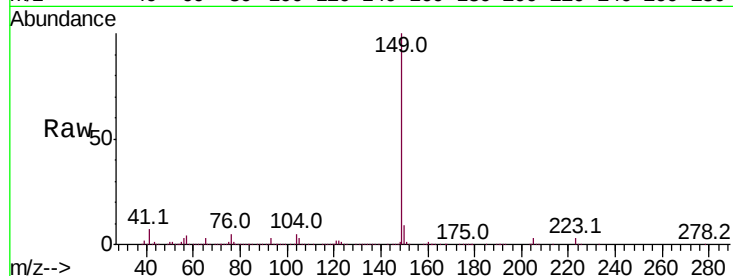
#73
Di-n-butylphthalate
Concen: 34.211 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion:	149	Resp:	677344
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.9	3.8	5.8

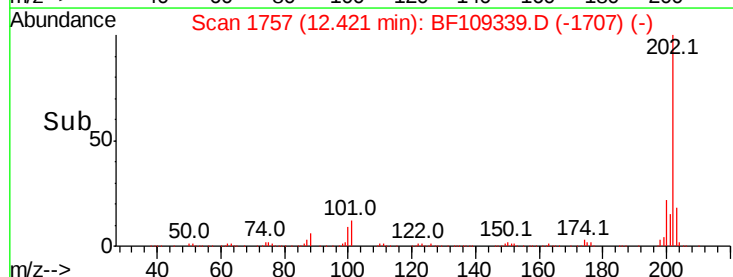
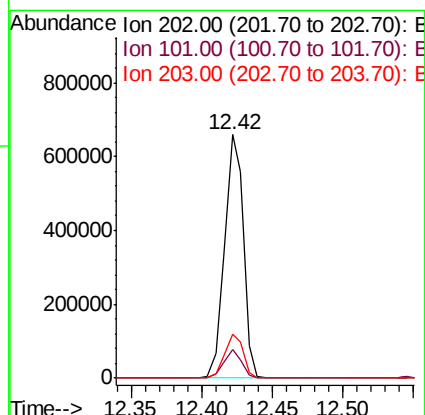
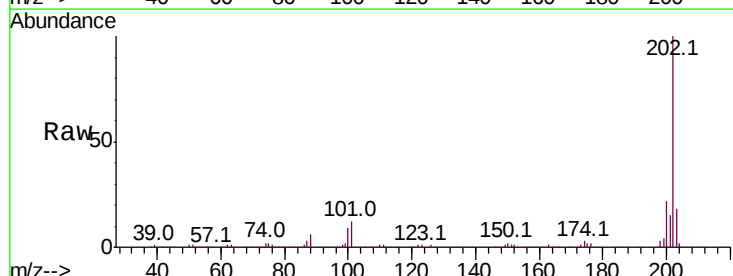
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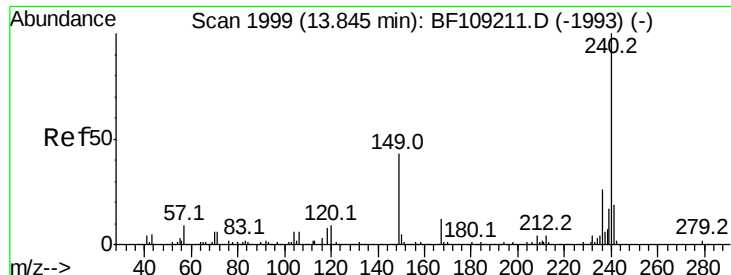
Sohil
9/27/2018 1:31:13 PM



#74
Fluoranthene
Concen: 33.291 ng
RT: 12.42 min Scan# 1757
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion:	202	Resp:	606338
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	34.1
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

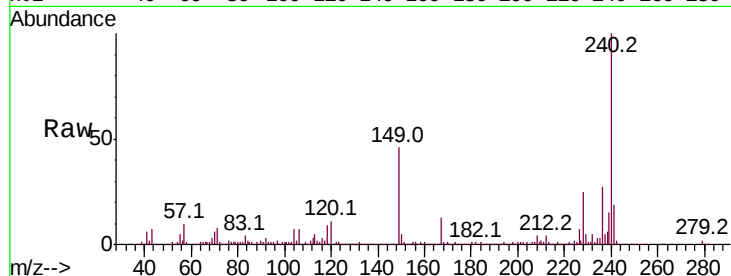
ClientSampleId :

CS-RBR-200027MS

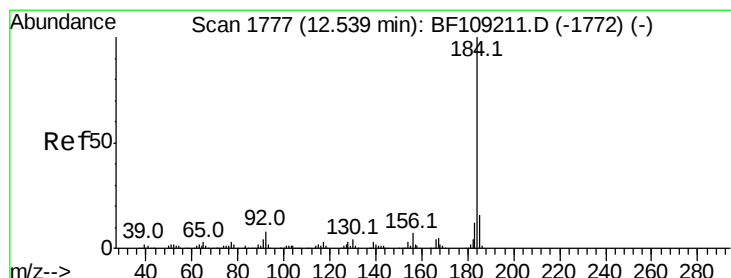
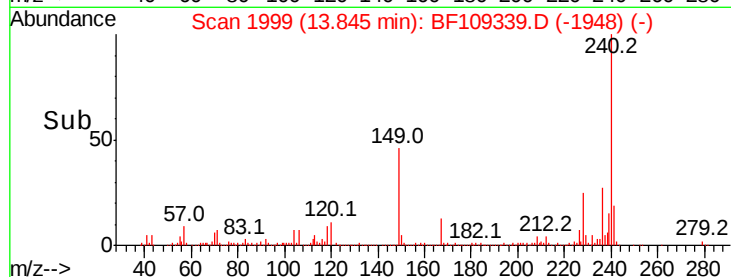
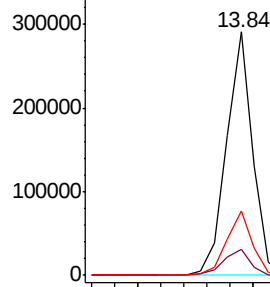
Tot Ion:	240	Resp:	229986
Ion Ratio	Lower	Upper	
240	100		
120	10.8	9.5	14.3
236	26.6	20.7	31.1

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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



#76

Benzidine

Concen: 40.683 ng

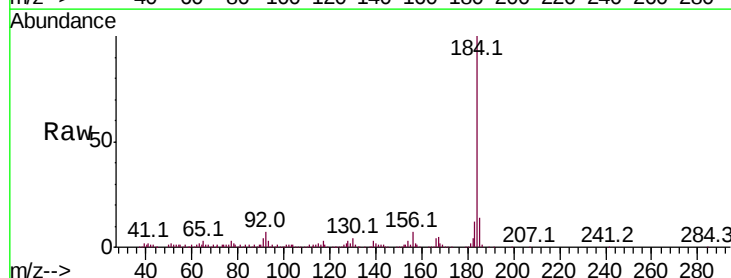
RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

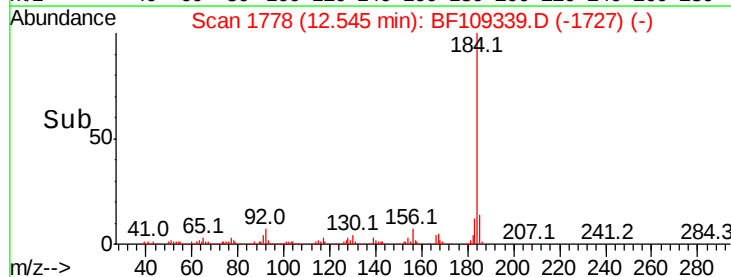
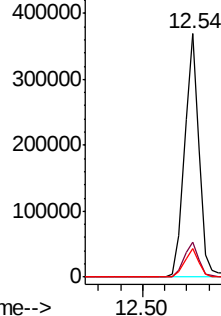
Lab File: BF109339.D

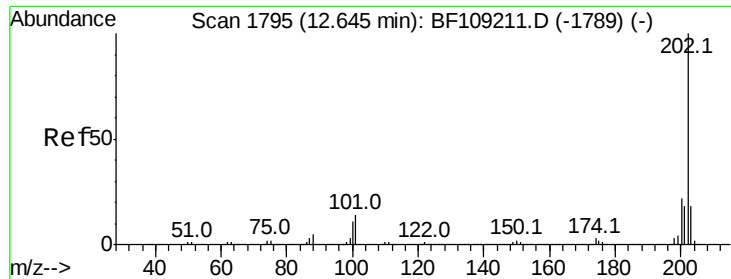
Acq: 26 Sep 2018 16:27

Tgt Ion:	184	Resp:	337344
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.6	18.8
183	11.7	9.3	13.9



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





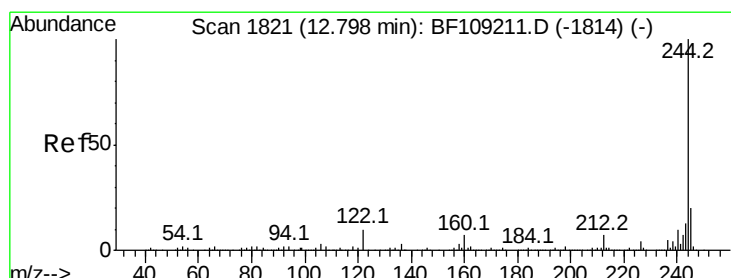
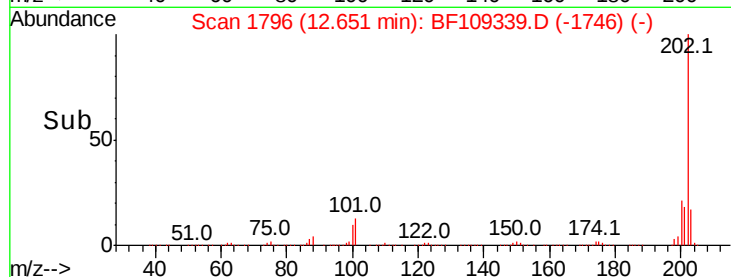
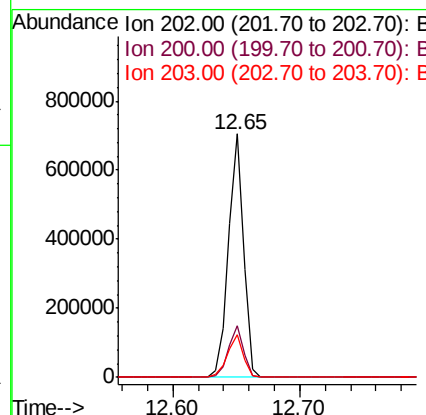
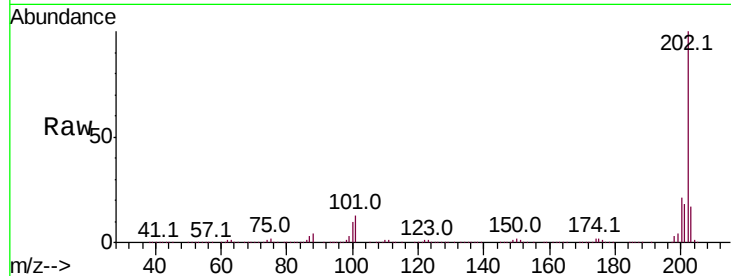
#77
Pvrene
Concen: 35.669 ng
RT: 12.65 min Scan# 1796
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.2		17.4	26.2
203	17.5		14.3	21.5

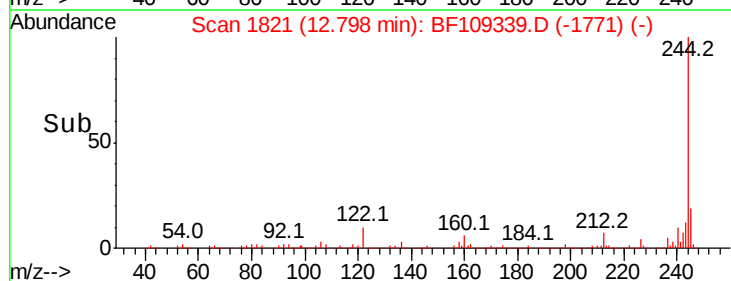
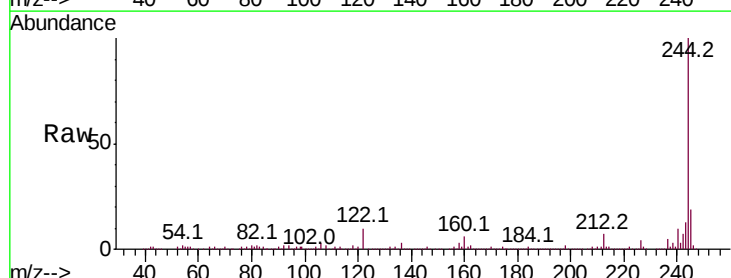
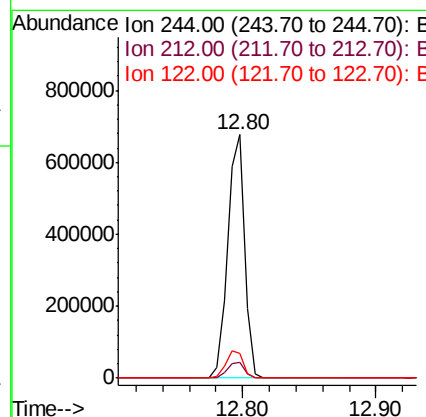
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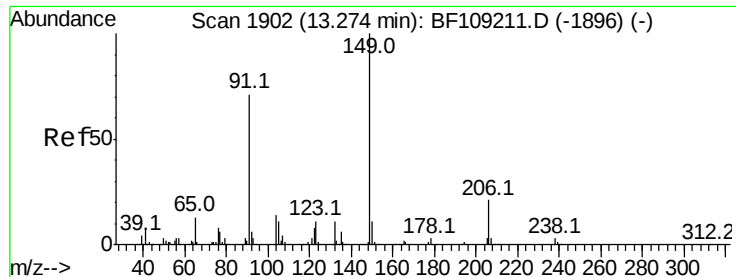
Sohil
9/27/2018 1:31:13 PM



#78
Terphenyl-d14
Concen: 64.837 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.7		5.4	8.0
122	10.0		11.0	16.4#





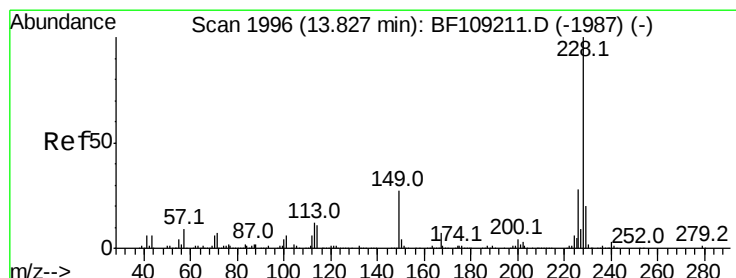
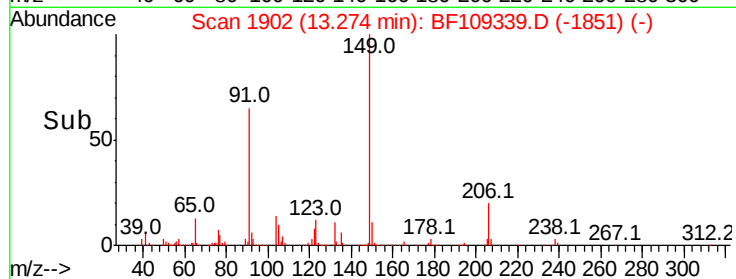
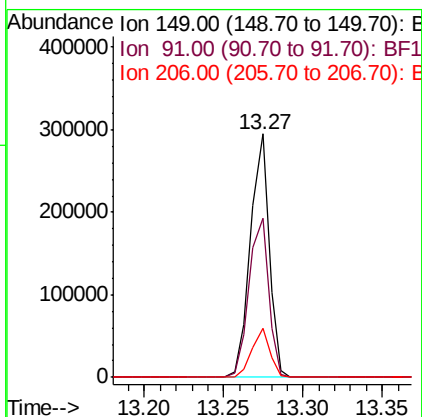
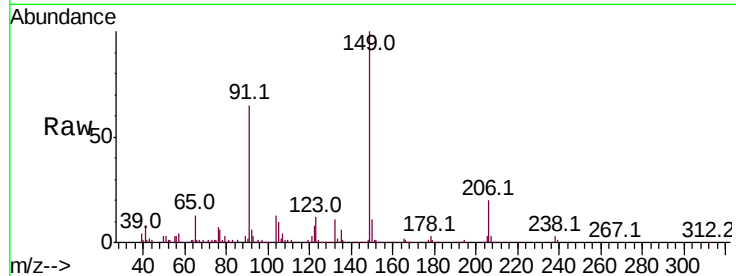
#79
Butylbenzylphthalate
Concen: 34.467 ng
RT: 13.27 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	241694		
91	65.3	56.8	85.2	
206	20.0	14.1	21.1	

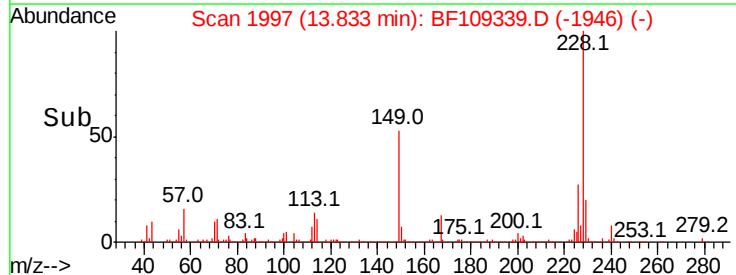
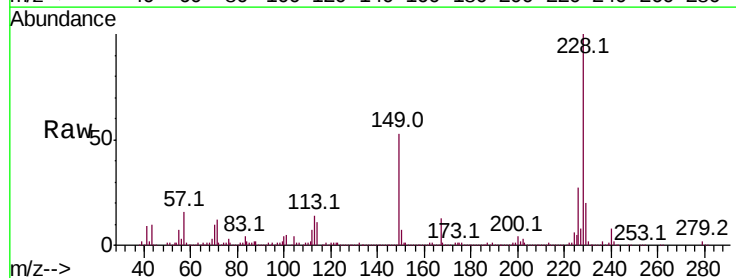
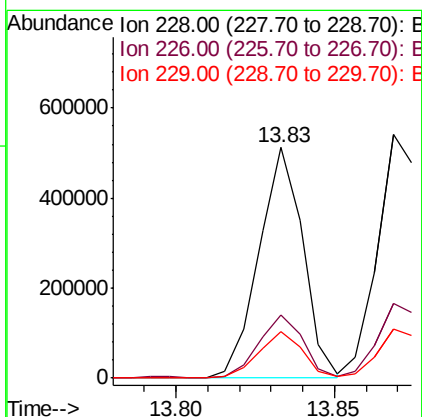
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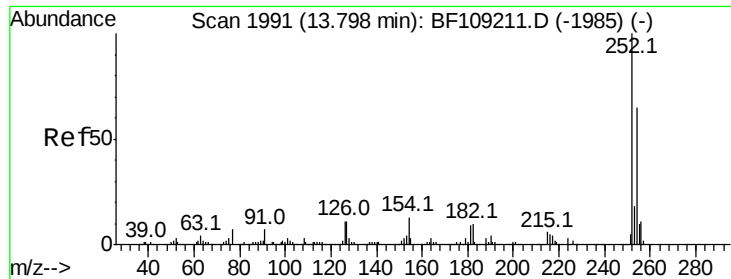
Sohil
9/27/2018 1:31:13 PM



#80
Benzo(a)anthracene
Concen: 35.600 ng
RT: 13.83 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	493157		
226	27.4	22.6	33.8	
229	19.9	15.8	23.6	





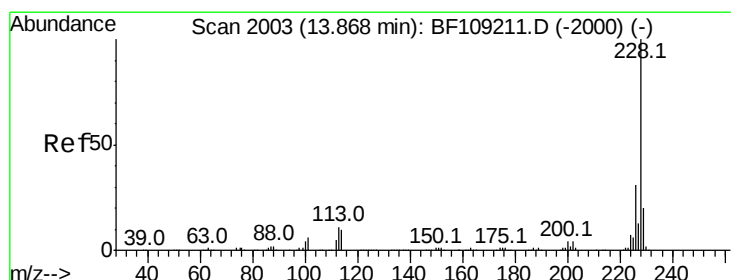
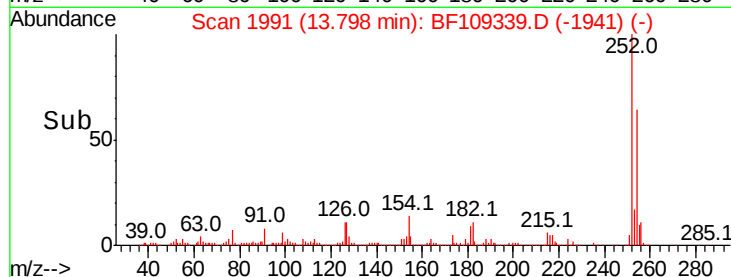
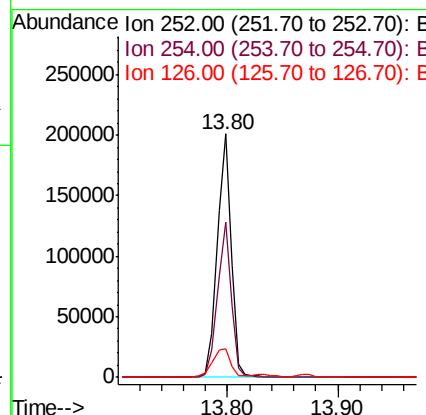
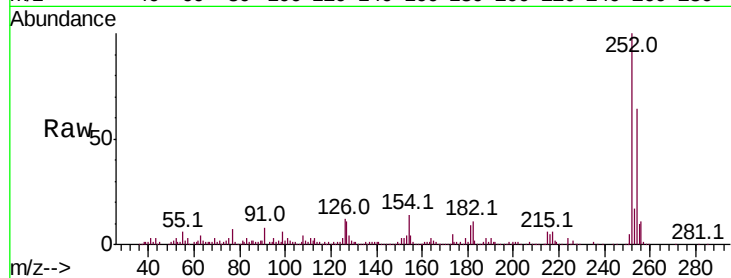
#81
 3,3'-Dichlorobenzidine
 Concen: 32.899 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	11.5	11.3	16.9

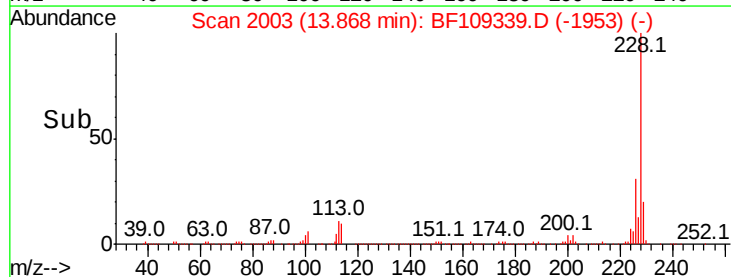
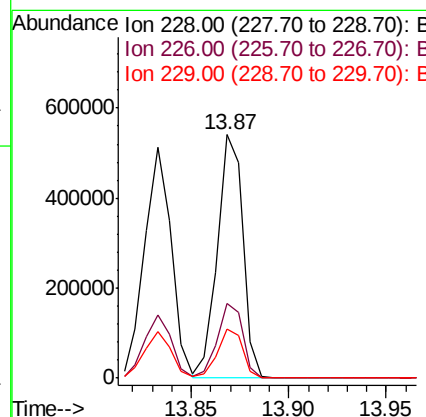
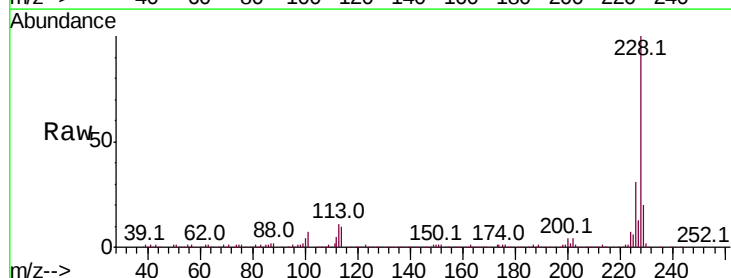
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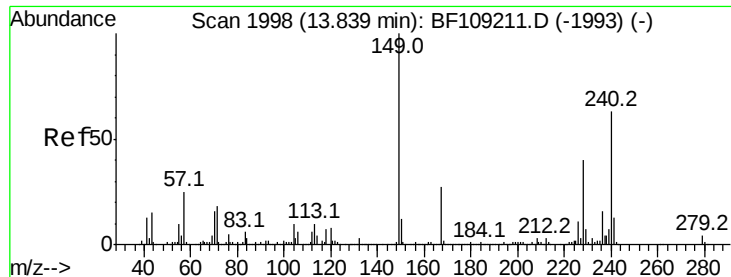
Sohil
 9/27/2018 1:31:13 PM



#82
 Chrysene
 Concen: 35.632 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.6
229	20.4	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.317 ng

RT: 13.84 min Scan# 1998

Delta R.T. 0.00 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Instrument :

BNA_F

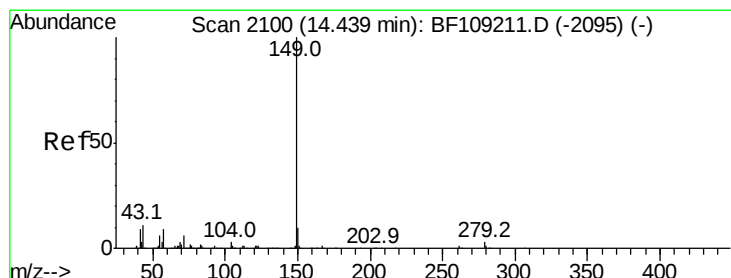
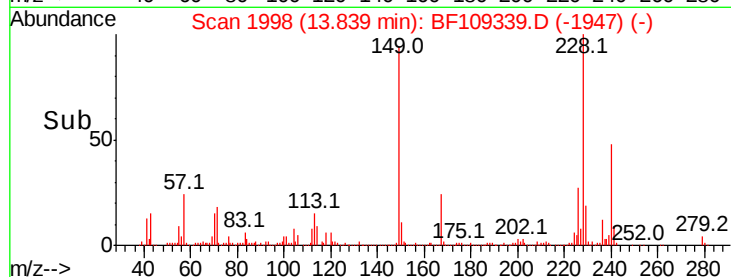
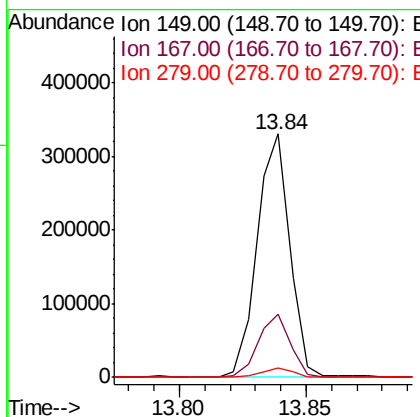
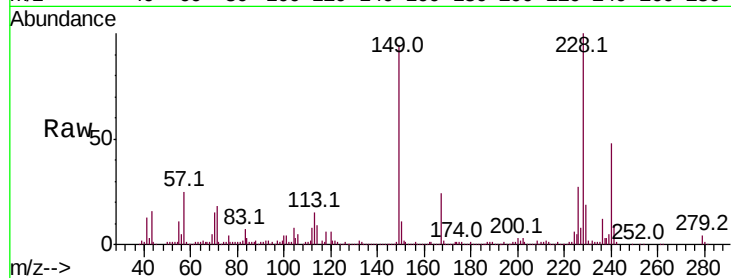
ClientSampleId :

CS-RBR-200027MS

Tot Ion:	149	Resp:	294649
Ion Ratio	Lower	Upper	
149	100		
167	25.9	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
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9/27/2018 1:31:13 PM



#84

Di-n-octyl phthalate

Concen: 37.032 ng

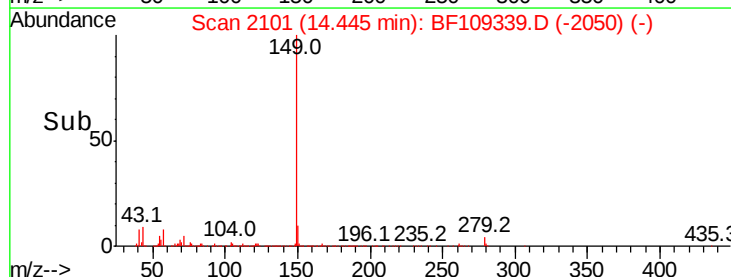
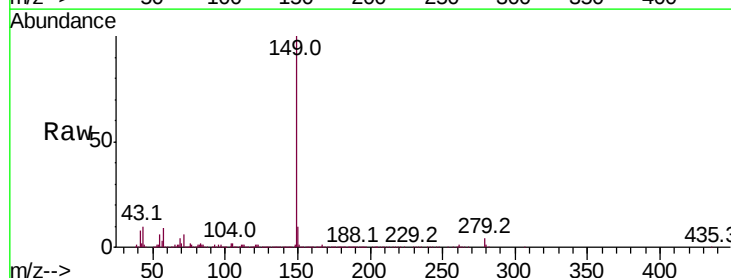
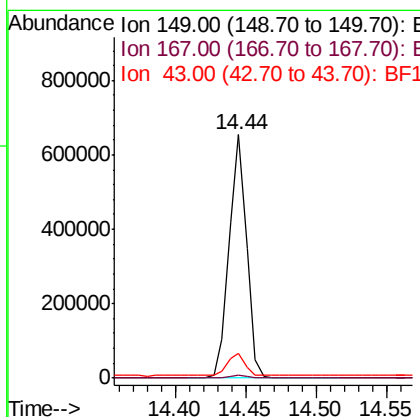
RT: 14.44 min Scan# 2101

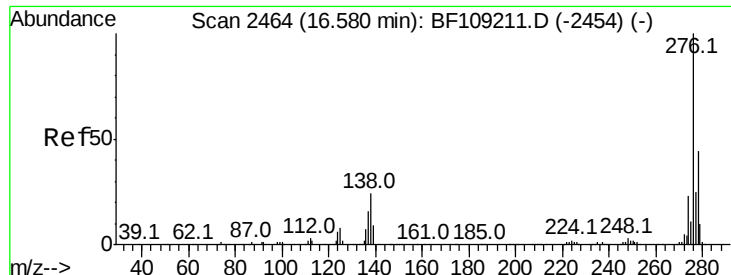
Delta R.T. 0.00 min

Lab File: BF109339.D

Acq: 26 Sep 2018 16:27

Tgt Ion:	149	Resp:	559969
Ion Ratio	Lower	Upper	
149	100		
167	1.3	1.2	1.8
43	9.2	8.4	12.6





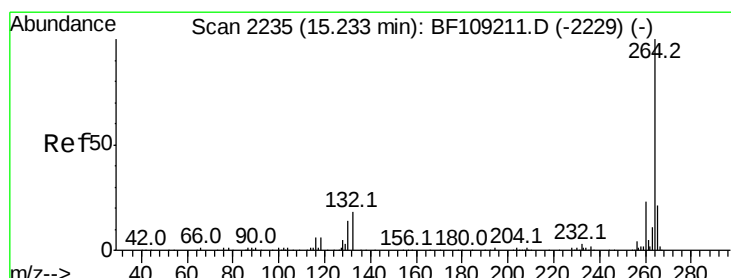
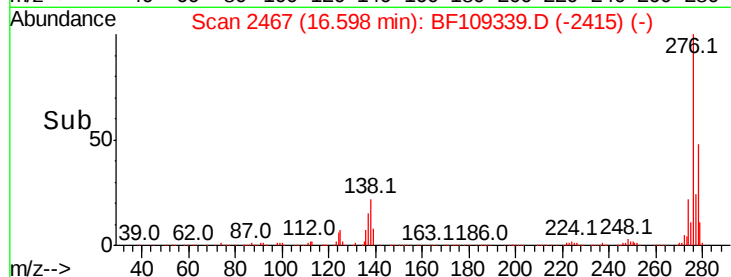
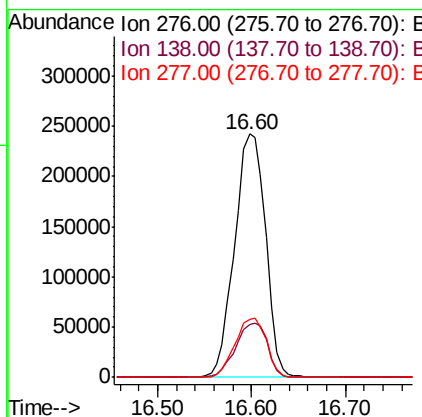
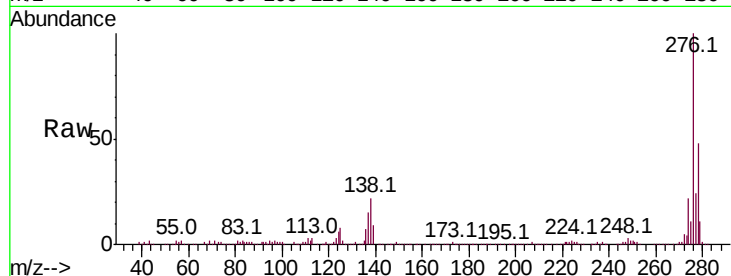
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 49.826 ng
 RT: 16.60 min Scan# 2467
 Delta R.T. 0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.8	25.0	37.6#
277	24.8	20.1	30.1

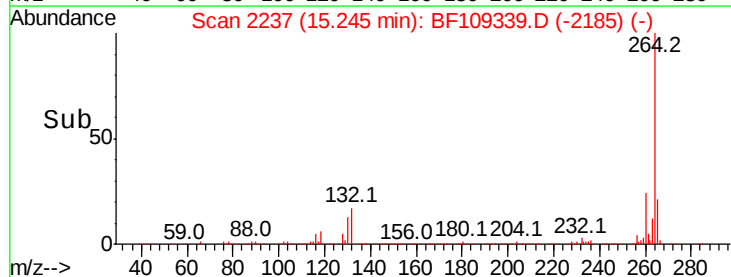
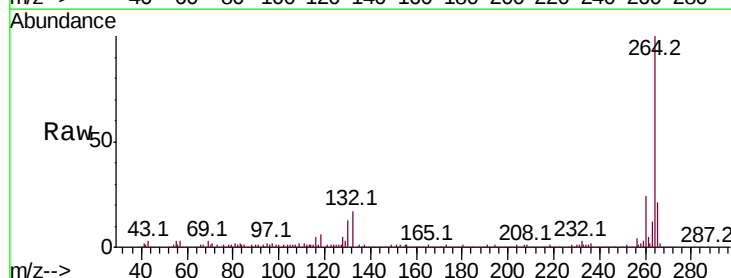
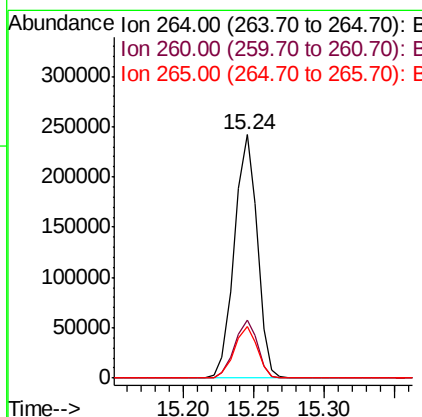
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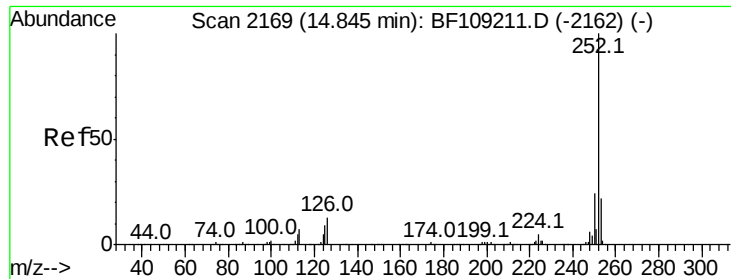
Sohil
 9/27/2018 1:31:13 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2237
 Delta R.T. 0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3





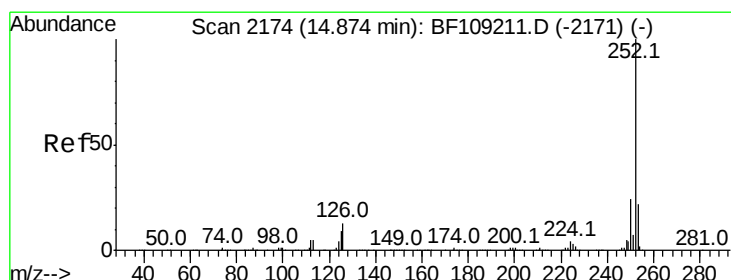
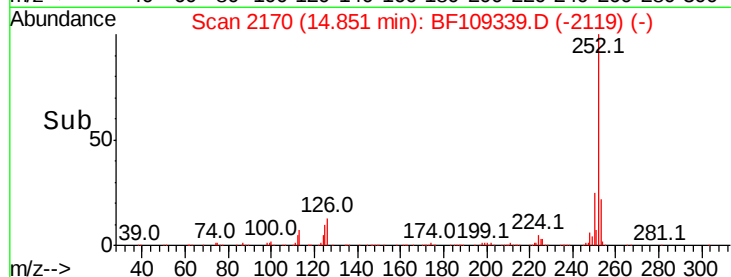
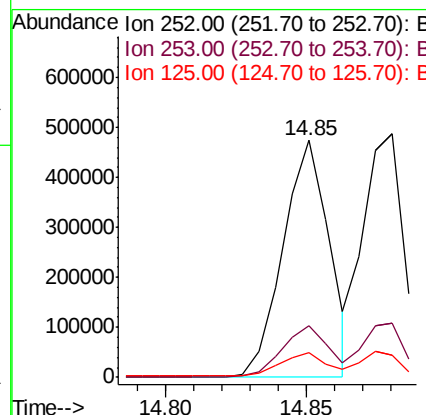
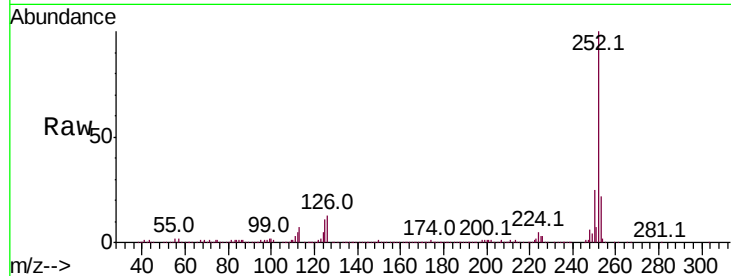
#87
Benzo(b)fluoranthene
Concen: 35.842 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	10.5	9.0	13.6

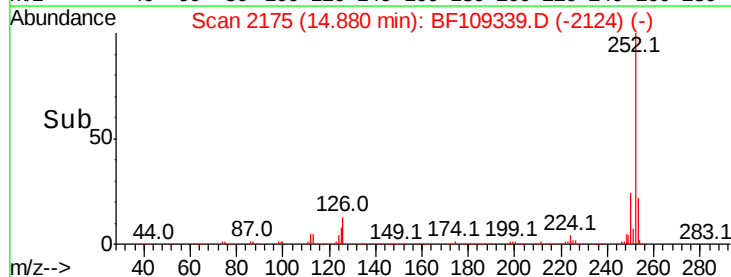
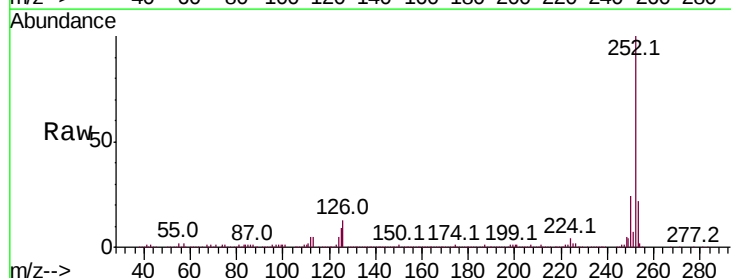
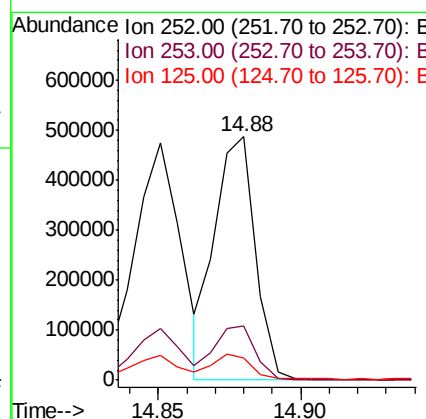
Manual Integrations
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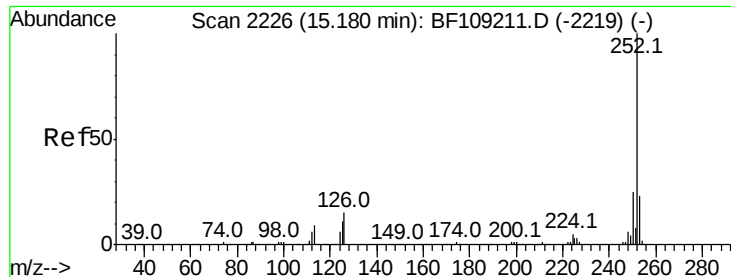
Sohil
9/27/2018 1:31:13 PM



#88
Benzo(k)fluoranthene
Concen: 33.966 ng m
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.0	10.2	15.2#





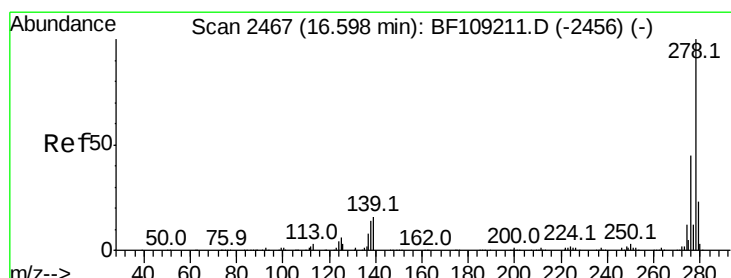
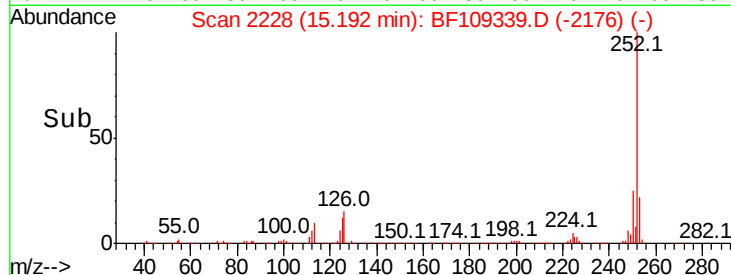
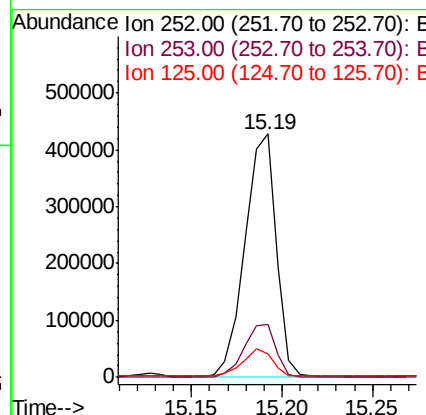
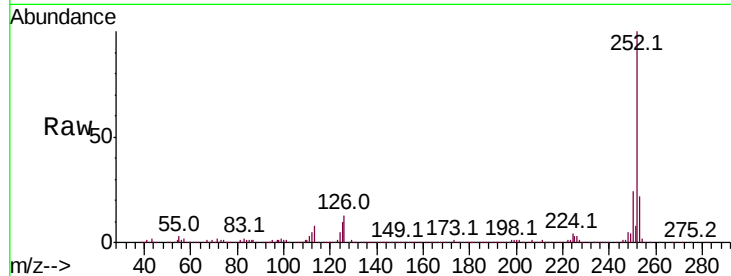
#89
Benzo(a)pyrene
Concen: 37.889 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Instrument :
BNA_F
ClientSampleId :
CS-RBR-200027MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	9.8	9.8	14.6

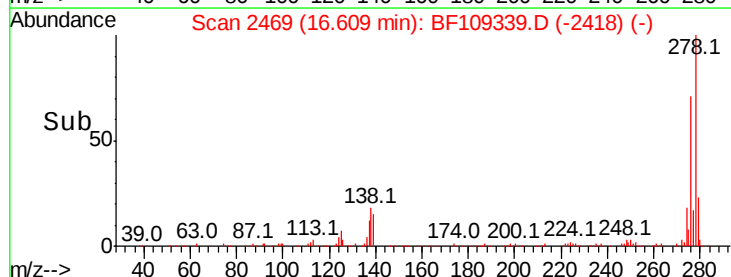
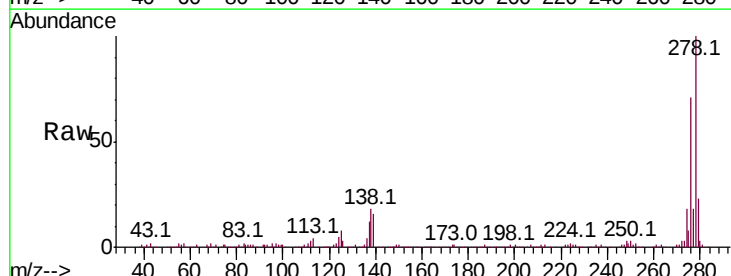
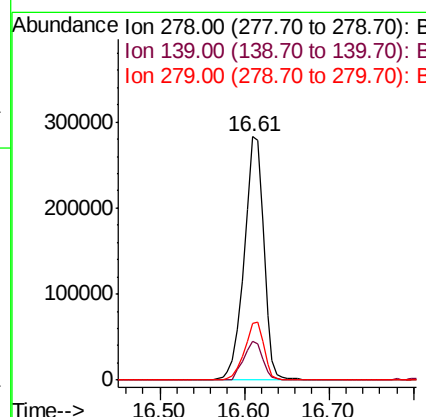
Manual Integrations
APPROVED

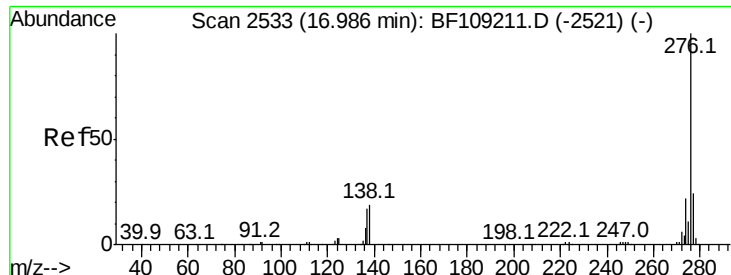
Sohil
9/27/2018 1:31:13 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.493 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.00 min
Lab File: BF109339.D
Acq: 26 Sep 2018 16:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.8	15.9	23.9#
279	23.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.633 ng
 RT: 17.00 min Scan# 2536
 Delta R.T. 0.01 min
 Lab File: BF109339.D
 Acq: 26 Sep 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :
 CS-RBR-200027MS

Tot Ion:	276	Resp:	444441
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	19.8	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 9/27/2018 1:31:13 PM

