

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091718\
 Data File : BF109059.D
 Acq On : 17 Sep 2018 20:13
 Operator : JU/SJ
 Sample : J4946-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Manual Integrations
 APPROVED

Sohil
 9/18/2018 6:00:18 PM

Quant Time: Sep 18 04:24:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	136591	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	499818	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	210146	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	385389	20.00	ng	0.00
75) Chrysene-d12	13.86	240	344257	20.00	ng	0.00
86) Perylene-d12	15.26	264	291961	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	469808	57.13	ng	0.00
7) Phenol-d6	6.35	99	584892	55.16	ng	0.00
23) Nitrobenzene-d5	7.28	82	346246	38.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	120212	52.71	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	540281	40.28	ng	0.00
78) Terphenyl-d14	12.81	244	528348	36.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	57590	14.711	ng	93
3) Pyridine	3.12	79	168641	16.250	ng	91
4) n-Nitrosodimethylamine	3.02	42	74430	18.990	ng	94
6) Aniline	6.38	93	208906	15.241	ng	99
8) 2-Chlorophenol	6.51	128	162197	17.624	ng	93
9) Benzaldehyde	6.26	77	64375	9.505	ng	98
10) Phenol	6.37	94	227279	19.048	ng	97
11) bis(2-Chloroethyl)ether	6.45	93	162716	17.334	ng	98
12) 1,3-Dichlorobenzene	6.66	146	175731	16.696	ng	98
13) 1,4-Dichlorobenzene	6.74	146	177915	16.850	ng	99
14) 1,2-Dichlorobenzene	6.89	146	169352	17.300	ng	98
15) Benzyl Alcohol	6.86	79	143315	17.802	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.00	45	228936	17.021	ng	97
17) 2-Methylphenol	6.98	107	127495	16.980	ng	96
18) Hexachloroethane	7.24	117	51344	13.389	ng	98
19) n-Nitroso-di-n-propylamine	7.13	70	114221	16.295	ng	99
20) 3+4-Methylphenols	7.13	107	166618	18.425	ng	# 67
22) Acetophenone	7.12	105	217914	19.198	ng	# 93
24) Nitrobenzene	7.30	77	164655	17.921	ng	96
25) Isophorone	7.54	82	300209	19.598	ng	99
26) 2-Nitrophenol	7.62	139	62609	14.594	ng	96
27) 2,4-Dimethylphenol	7.66	122	136278	20.251	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	191579	18.585	ng	99
29) 2,4-Dichlorophenol	7.86	162	121636	16.962	ng	97
30) 1,2,4-Trichlorobenzene	7.95	180	130329	16.812	ng	95
31) Naphthalene	8.02	128	436630	18.822	ng	99
33) 4-Chloroaniline	8.07	127	161283	15.636	ng	97
34) Hexachlorobutadiene	8.15	225	79170	16.729	ng	98
35) Caprolactam	8.41	113	37540	16.056	ng	93
36) 4-Chloro-3-methylphenol	8.55	107	121372	16.077	ng	98
37) 2-Methylnaphthalene	8.71	142	277177	18.329	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	124005	18.748	ng	97
40) Hexachlorocyclopentadiene	8.87	237	16309	4.894	ng	98
42) 2,4,6-Trichlorophenol	9.00	196	78108	17.569	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.03	196	81883	17.625	nq	95
45) 1,1'-Biphenyl	9.18	154	319587	19.009	nq	98
46) 2-Chloronaphthalene	9.20	162	244133	18.132	nq	96
47) 2-Nitroaniline	9.29	65	77745	18.782	nq	94
48) Acenaphthylene	9.61	152	382853	18.859	nq	100
49) Dimethylphthalate	9.48	163	354839	23.625	nq	99
50) 2,6-Dinitrotoluene	9.53	165	55795	16.751	nq	96
51) Acenaphthene	9.78	154	218664	17.298	nq	99
52) 3-Nitroaniline	9.70	138	68605	17.491	nq	91
54) Dibenzofuran	9.95	168	320013	17.518	nq	99
55) 4-Nitrophenol	9.86	139	95250	32.961	nq	99
56) 2,4-Dinitrotoluene	9.93	165	69174	15.880	nq #	97
57) Fluorene	10.30	166	241528	19.841	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	65681	17.074	nq #	88
59) Diethylphthalate	10.18	149	270396	17.827	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	115615	17.737	nq	92
61) 4-Nitroaniline	10.30	138	66221	17.771	nq	97
62) Azobenzene	10.45	77	261867	16.867	nq	93
64) 4,6-Dinitro-2-methylphenol	10.34	198	4322	2.344	nq #	69
65) n-Nitrosodiphenylamine	10.41	169	232770	18.465	nq	95
66) 4-Bromophenyl-phenylether	10.78	248	74706	17.195	nq	93
67) Hexachlorobenzene	10.85	284	79003	17.000	nq	93
68) Atrazine	10.94	200	75809	18.786	nq	96
69) Pentachlorophenol	11.04	266	81058	27.262	nq	97
70) Phenanthrene	11.25	178	383038	20.275	nq	100
71) Anthracene	11.31	178	376003	19.634	nq	99
72) Carbazole	11.46	167	348112	18.363	nq	99
73) Di-n-butylphthalate	11.80	149	417646	18.821	nq	99
74) Fluoranthene	12.44	202	472281	23.680	nq	97
76) Benzidine	12.56	184	316546	25.976	nq	98
77) Pyrene	12.67	202	468206	18.310	nq	99
79) Butylbenzylphthalate	13.29	149	189170	16.563	nq	99
80) Benzo(a)anthracene	13.85	228	400073	19.195	nq	100
81) 3,3'-Dichlorobenzidine	13.81	252	137600	16.360	nq	100
82) Chrysene	13.88	228	392640	18.829	nq	98
83) Bis(2-ethylhexyl)phthalate	13.85	149	292037	21.118	nq	100
84) Di-n-octyl phthalate	14.46	149	458768	19.561	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	286922	17.210	nq	94
87) Benzo(b)fluoranthene	14.86	252	373233	23.108	nq	99
88) Benzo(k)fluoranthene	14.89	252	285296m	18.911	nq	
89) Benzo(a)pyrene	15.20	252	294014	20.497	nq	98
90) Dibenzo(a,h)anthracene	16.62	278	227160	18.850	nq	96
91) Benzo(g,h,i)perylene	17.01	276	233774	19.403	nq #	93

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

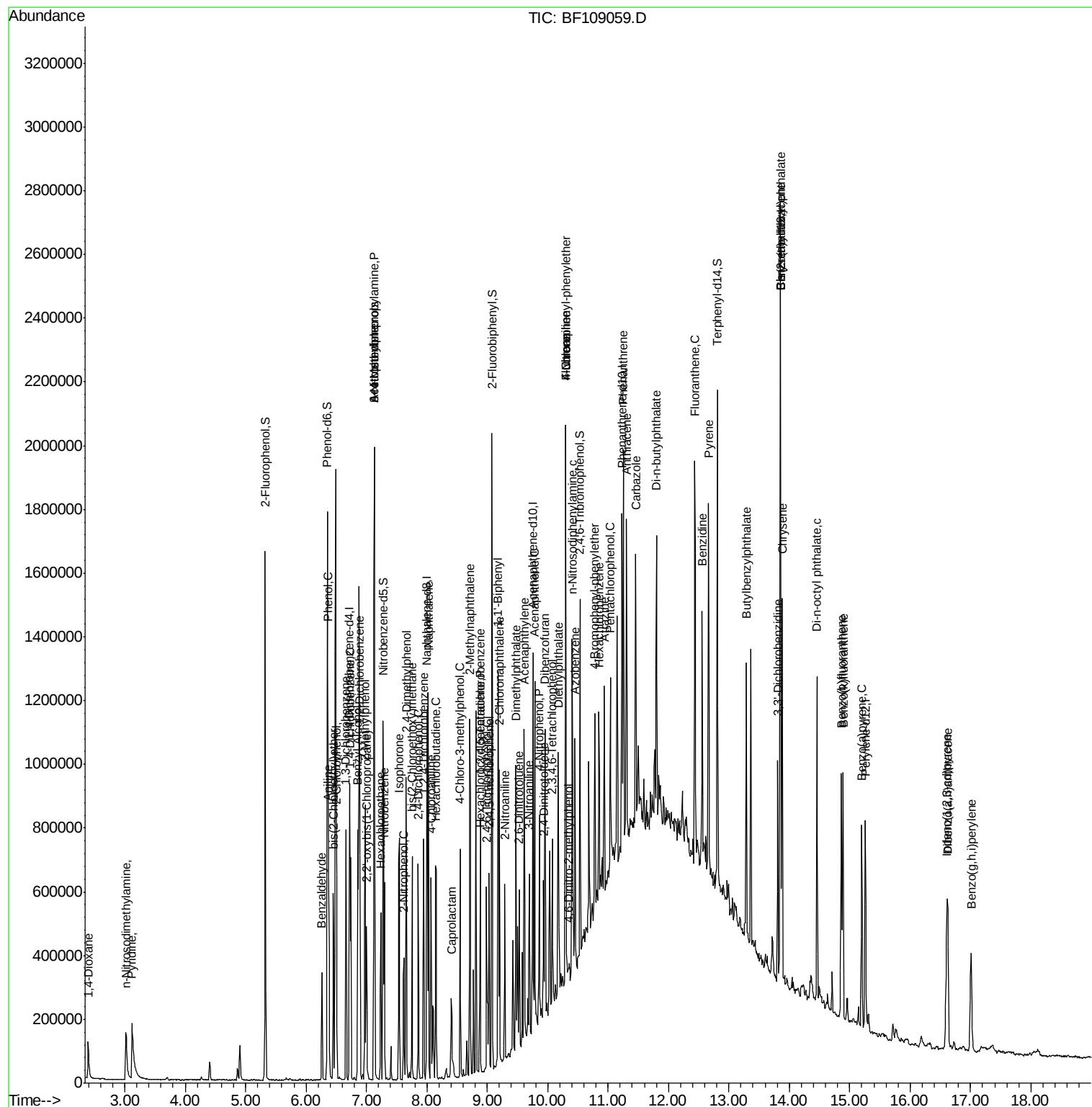
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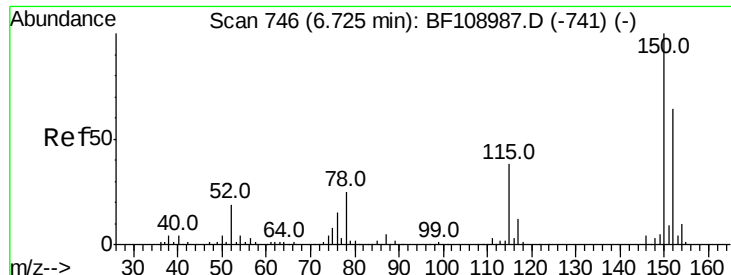
Instrument :
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#1

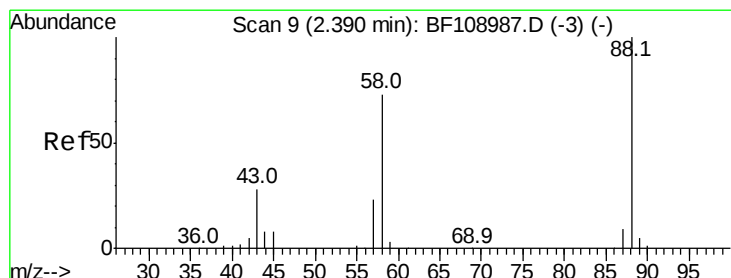
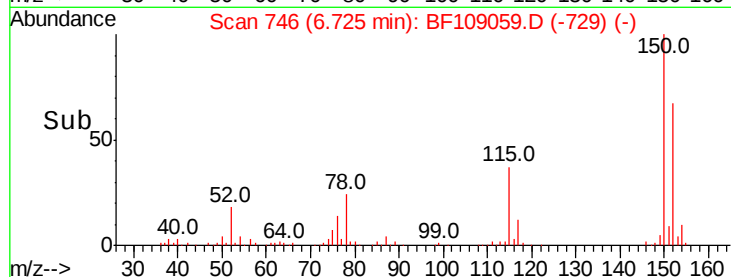
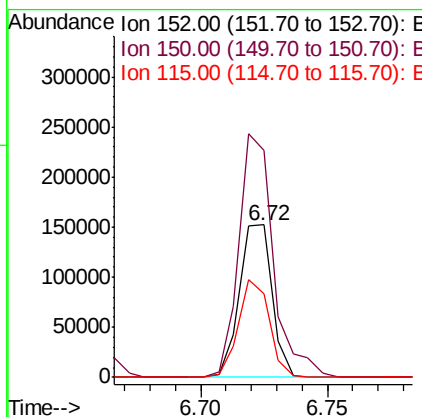
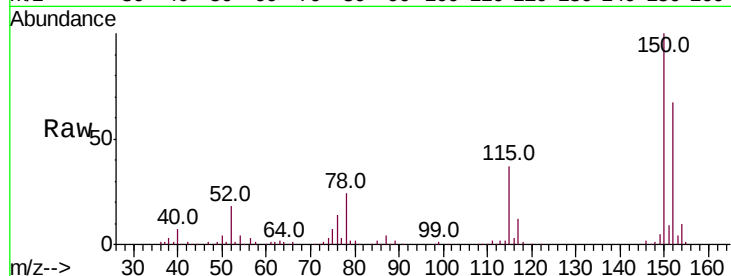
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.0	124.6	186.8
115	55.0	50.1	75.1

Manual Integrations
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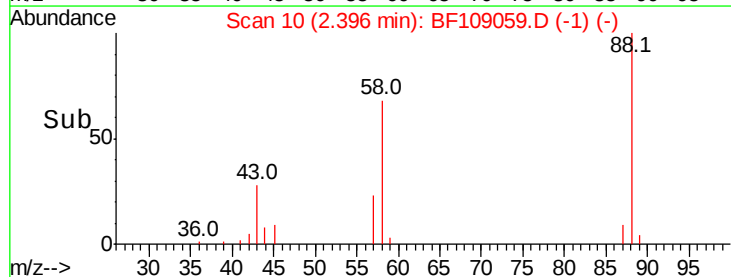
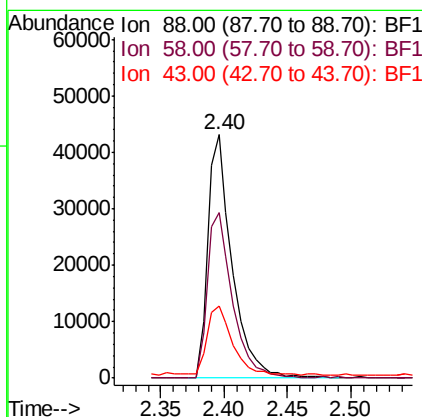
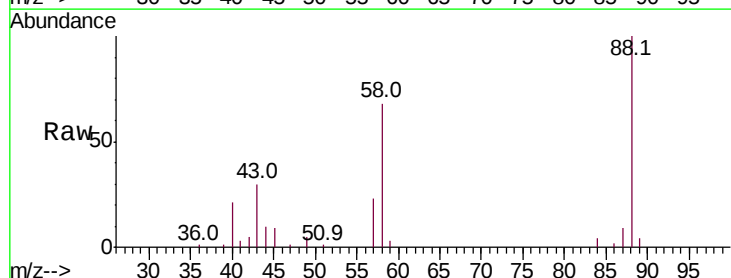
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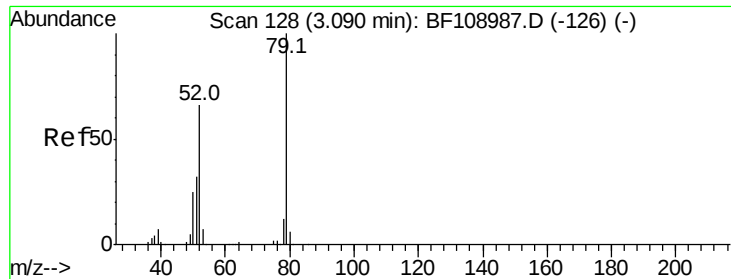


#2

1,4-Dioxane
Concen: 14.711 ng
RT: 2.40 min Scan# 10
Delta R.T. 0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.3	62.6	93.8
43	30.2	24.6	37.0





#3

Pvridine

Concen: 16.250 ng

RT: 3.12 min Scan# 133

Delta R.T. 0.03 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

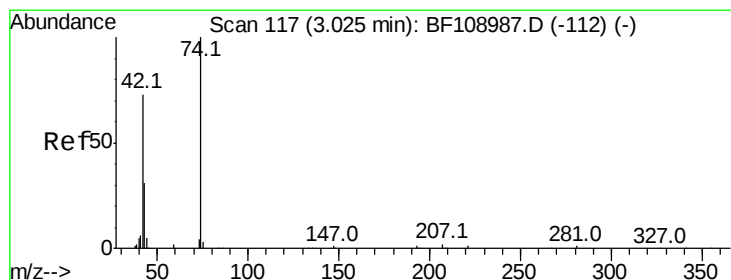
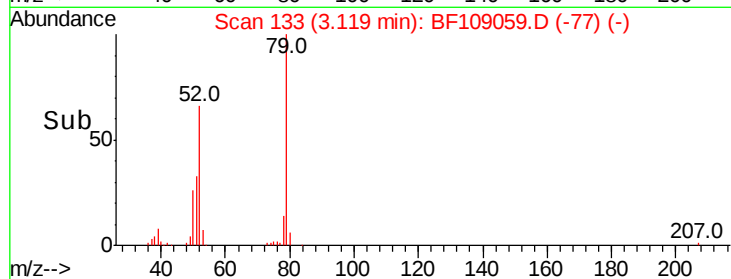
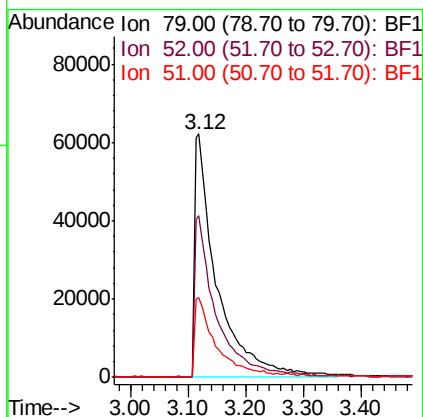
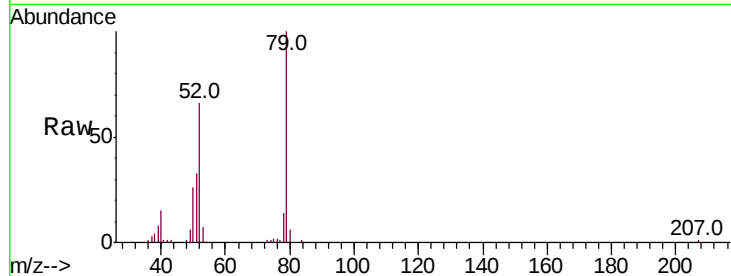
ClientSampleId :

RB12983RTMS

Tot Ion:	79	Resp:	168641
Ion Ratio	Lower	Upper	
79	100		
52	66.4	59.8	89.6
51	32.5	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 18.990 ng

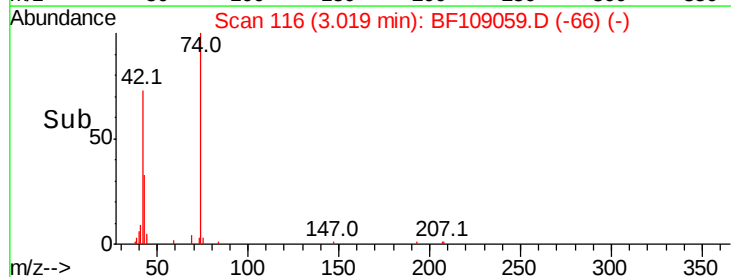
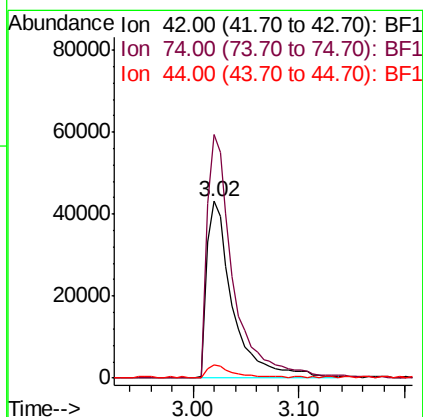
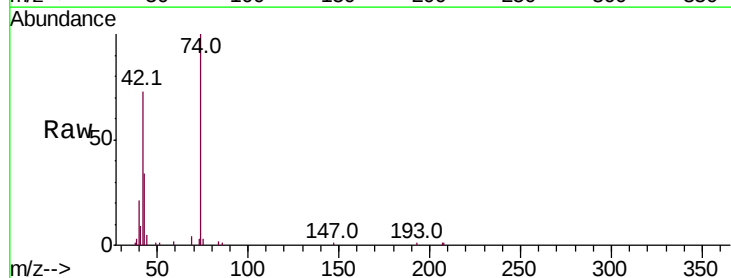
RT: 3.02 min Scan# 116

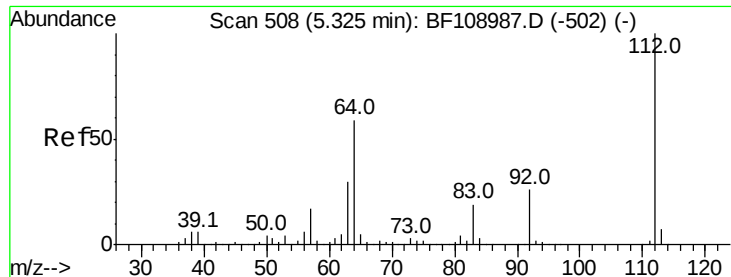
Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	42	Resp:	74430
Ion Ratio	Lower	Upper	
42	100		
74	137.9	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 57.126 ng

RT: 5.32 min Scan# 508

Delta R.T. 0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

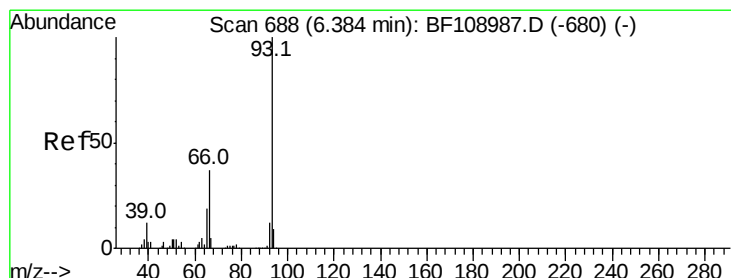
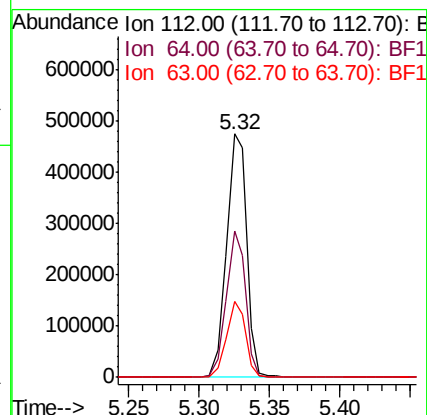
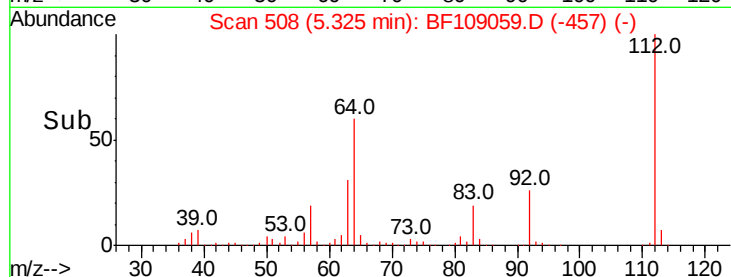
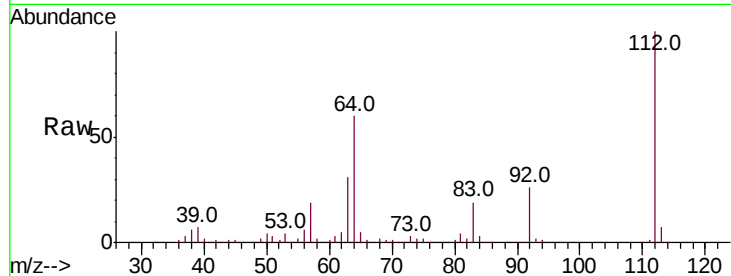
ClientSampleId :

RB12983RTMS

Tot Ion:	112	Resp:	469808
Ion Ratio	Lower	Upper	
112	100		
64	60.0	47.9	71.9
63	30.9	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 15.241 ng

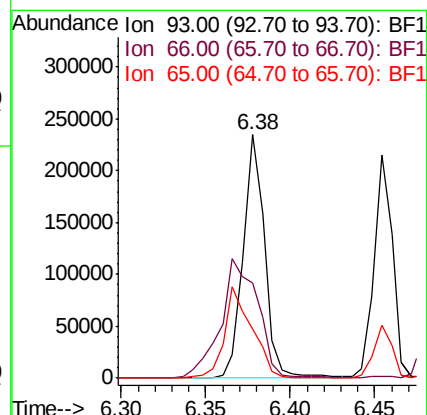
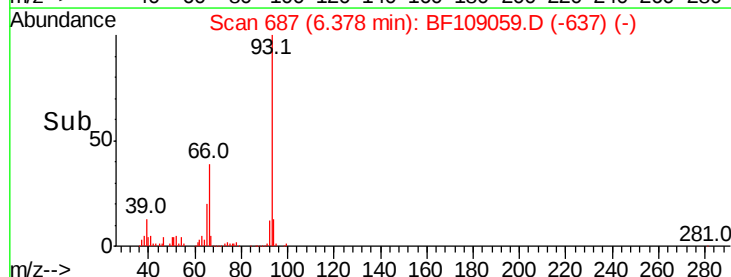
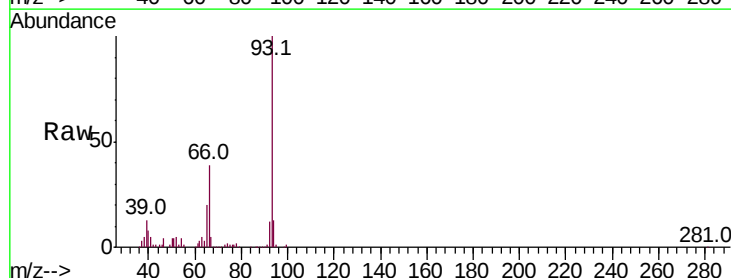
RT: 6.38 min Scan# 687

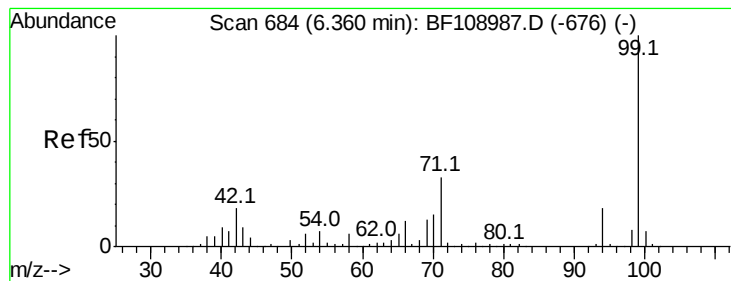
Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	93	Resp:	208906
Ion Ratio	Lower	Upper	
93	100		
66	39.3	32.2	48.2
65	20.4	16.4	24.6





#7

Phenol-d6

Concen: 55.155 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

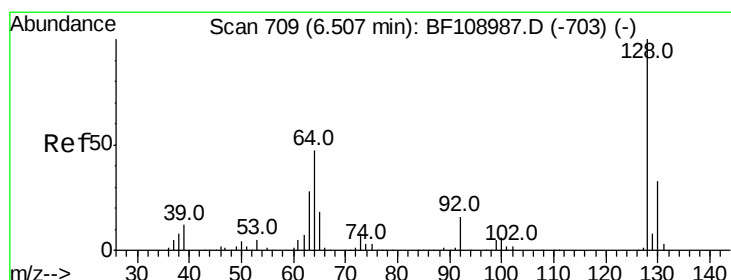
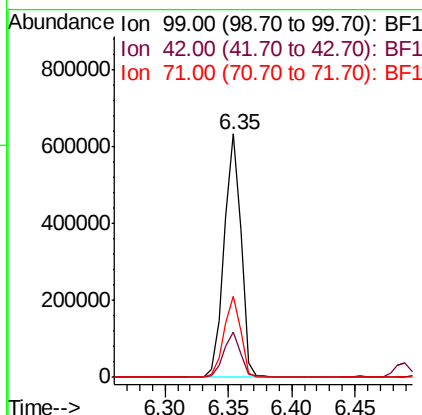
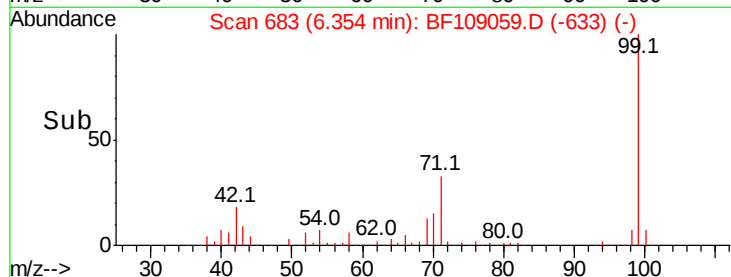
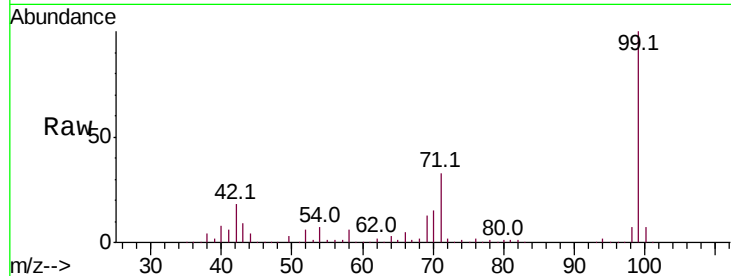
ClientSampleId :

RB12983RTMS

Tot Ion:	99	Resp:	584892
Ion Ratio	Lower	Upper	
99	100		
42	18.5	14.5	21.7
71	33.2	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 17.624 ng

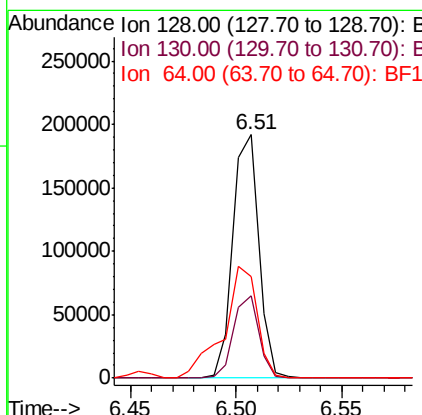
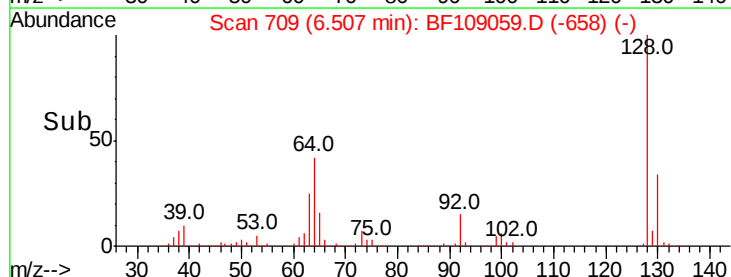
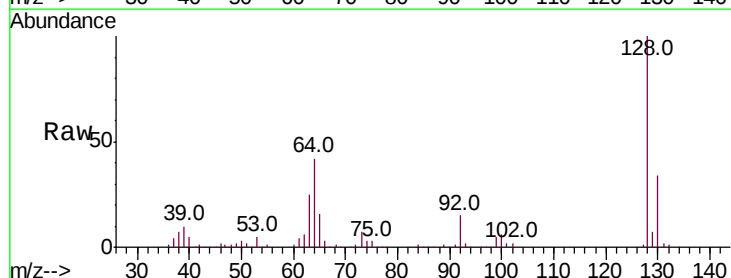
RT: 6.51 min Scan# 709

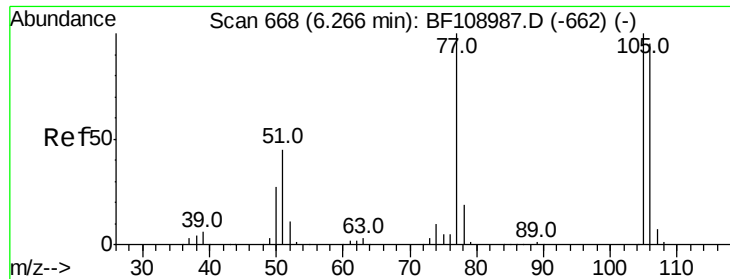
Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	128	Resp:	162197
Ion Ratio	Lower	Upper	
128	100		
130	33.7	13.0	53.0
64	41.6	29.4	69.4





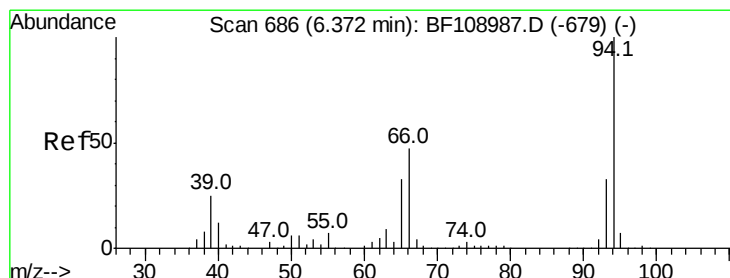
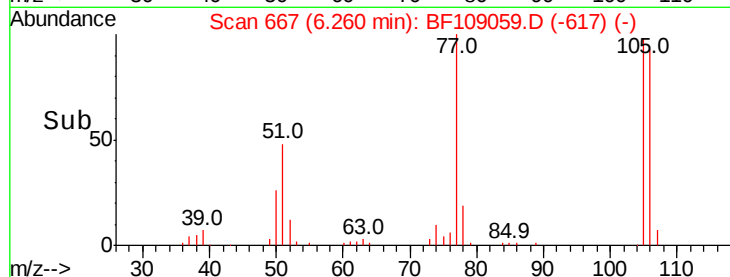
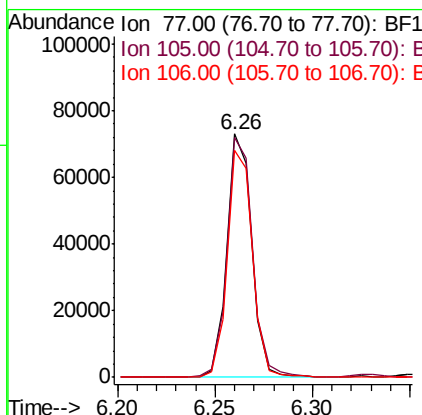
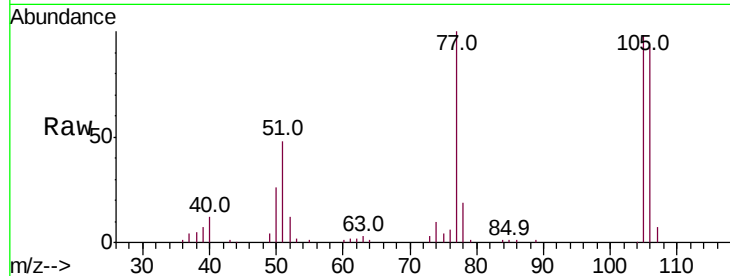
#9
Benzaldehyde
Concen: 9.505 ng
RT: 6.26 min Scan# 667
Delta R.T. -0.01 min
Lab File: BF109059.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	98.3	81.1	121.1
106	93.1	74.5	114.5

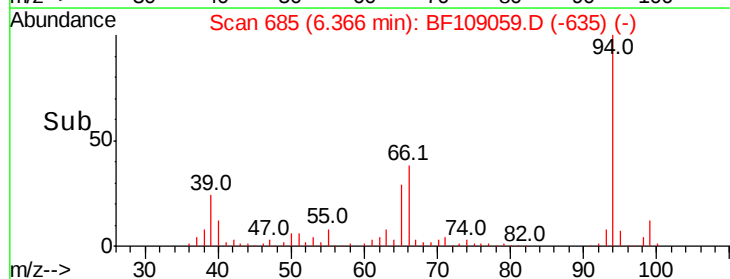
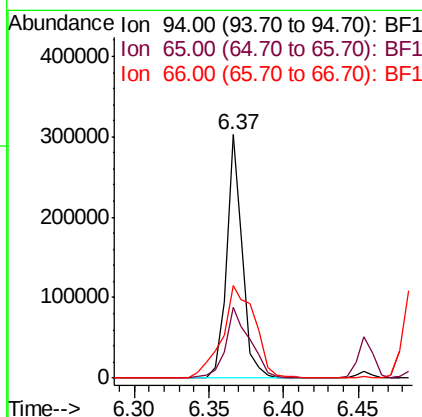
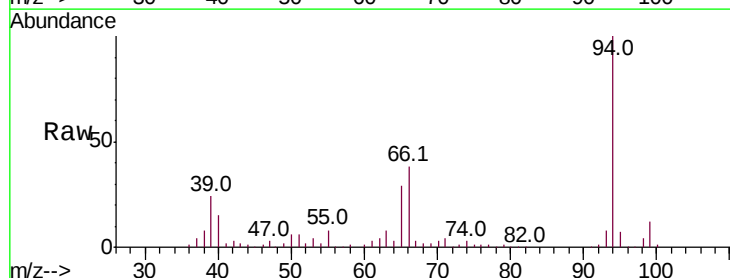
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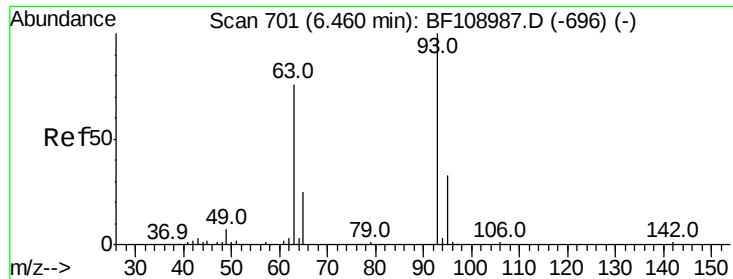
Sohil
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#10
Phenol
Concen: 19.048 ng
RT: 6.37 min Scan# 685
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.1	7.9	47.9
66	38.3	16.2	56.2





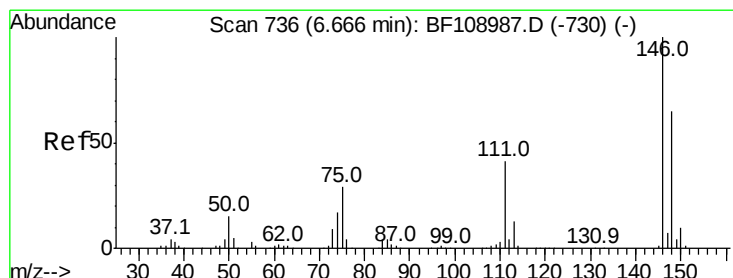
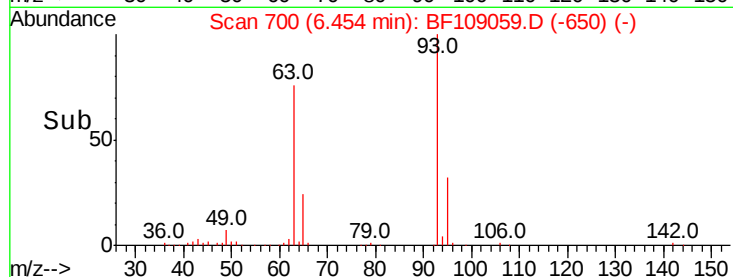
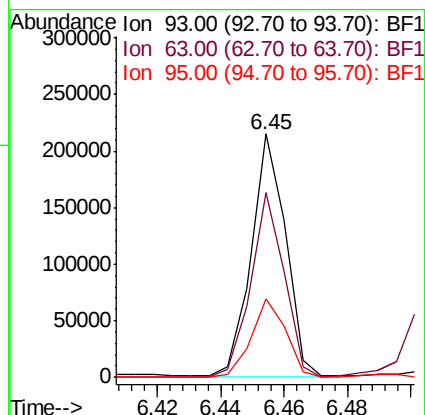
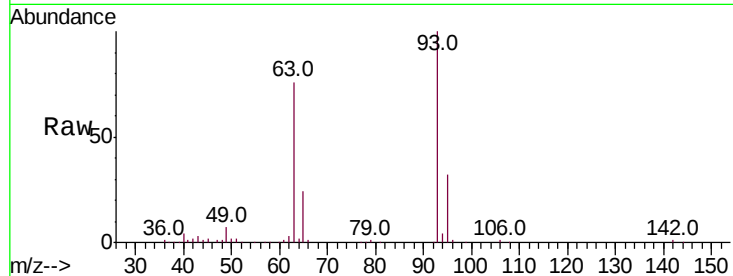
#11
bis(2-Chloroethyl)ether
Concen: 17.334 ng
RT: 6.45 min Scan# 700
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	93	Resp	162716
Ion Ratio	100	Lower	Upper
93	100		
63	75.9	58.6	98.6
95	32.1	11.8	51.8

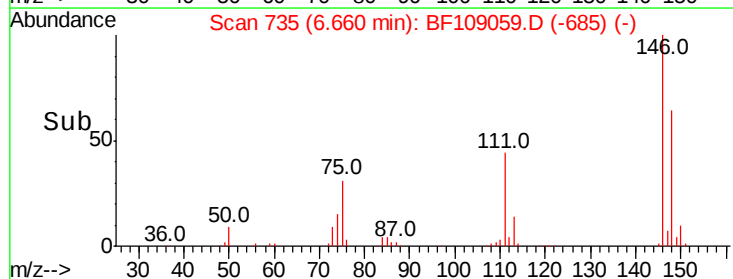
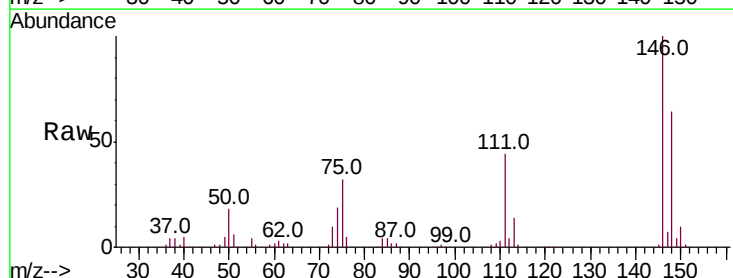
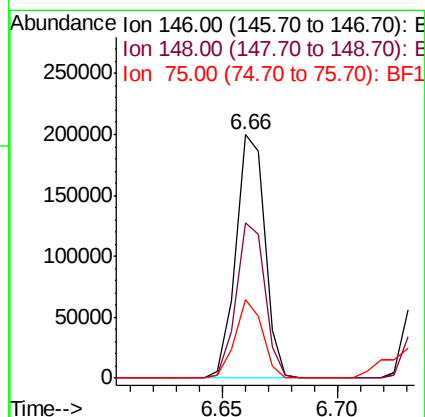
Manual Integrations
APPROVED

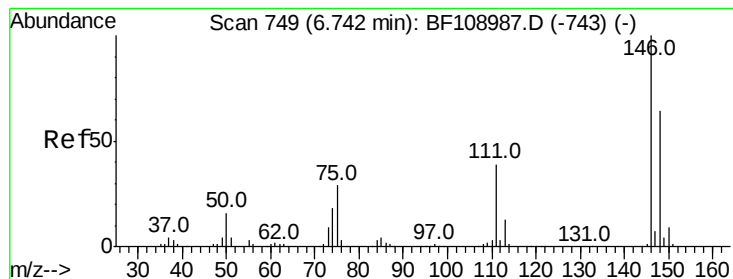
Sohil
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#12
1,3-Dichlorobenzene
Concen: 16.696 ng
RT: 6.66 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	146	Resp	175731
Ion Ratio	100	Lower	Upper
146	100		
148	63.9	51.8	77.8
75	32.4	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 16.850 ng

RT: 6.74 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

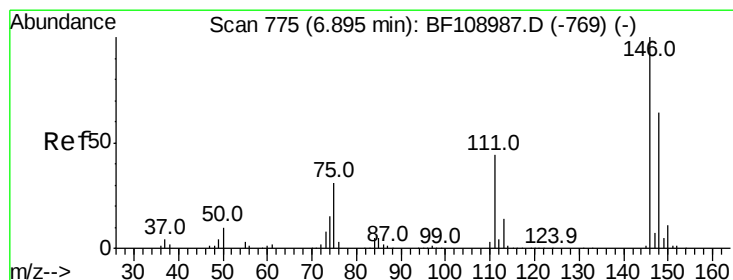
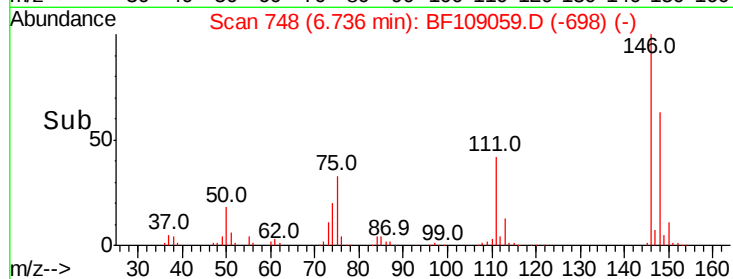
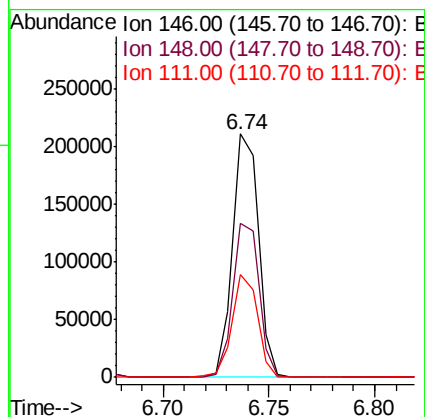
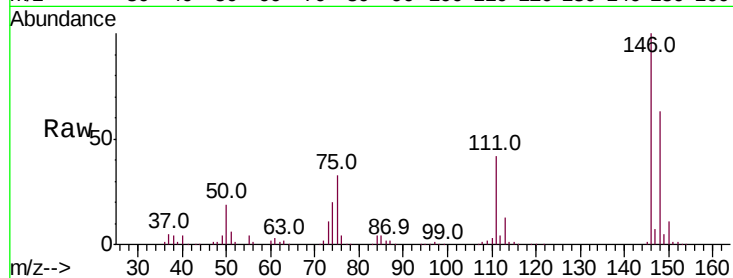
ClientSampleId :

RB12983RTMS

Tot Ion:	146	Resp:	177915
Ion Ratio	Lower	Upper	
146	100		
148	63.1	50.8	76.2
111	42.2	34.2	51.2

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 17.300 ng

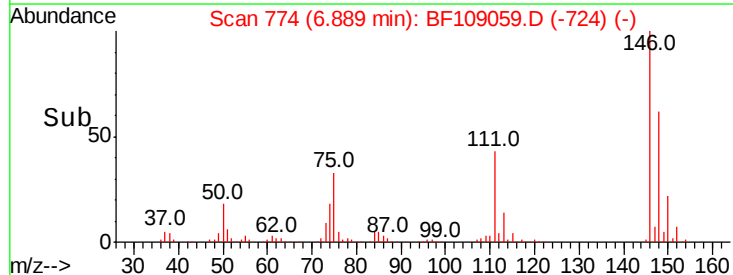
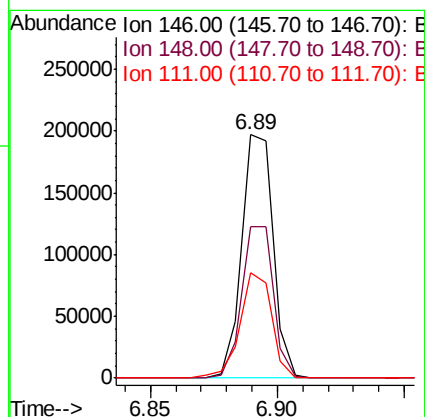
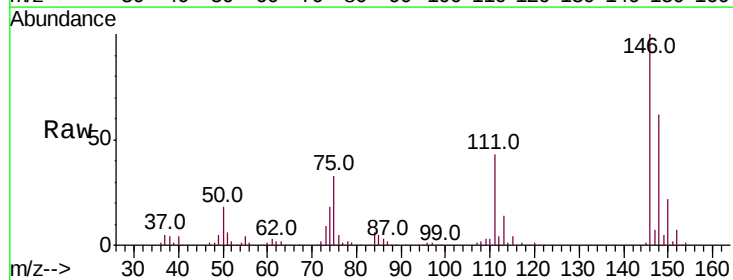
RT: 6.89 min Scan# 774

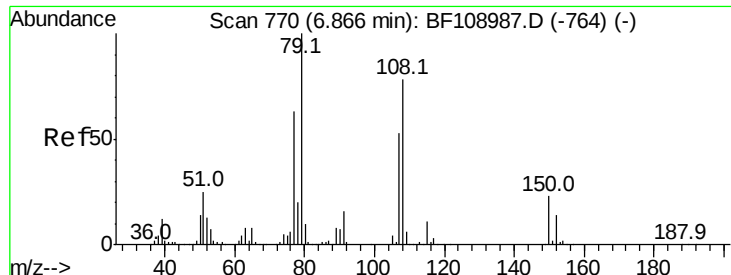
Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	146	Resp:	169352
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	75.8
111	43.5	36.0	54.0





#15

Benzyl Alcohol

Concen: 17.802 ng

RT: 6.86 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

ClientSampleId :

RB12983RTMS

Tot Ion: 79 Resp: 143315

Ion Ratio Lower Upper

79 100

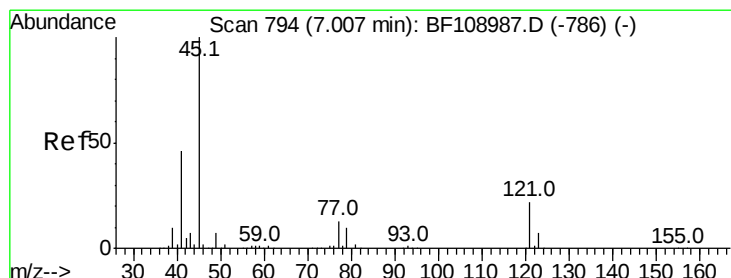
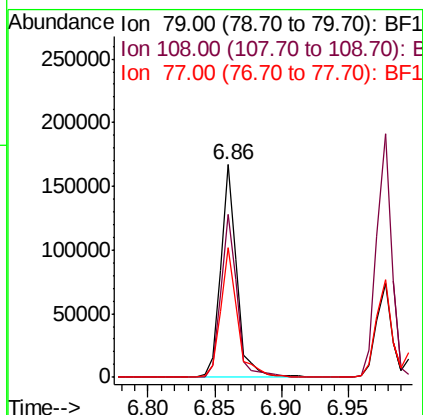
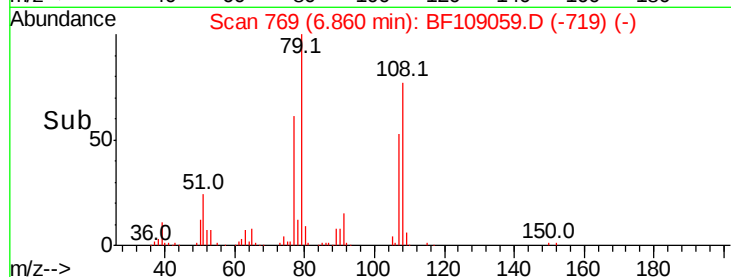
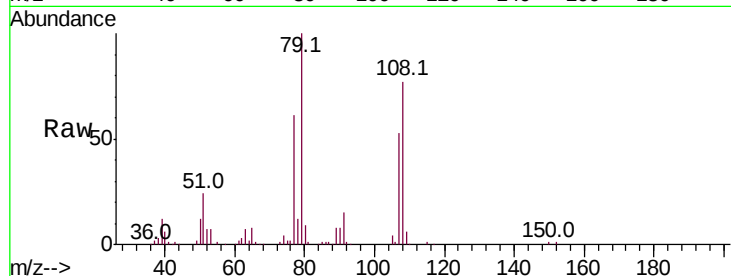
108 76.9 65.1 97.7

77 61.2 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.021 ng

RT: 7.00 min Scan# 793

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

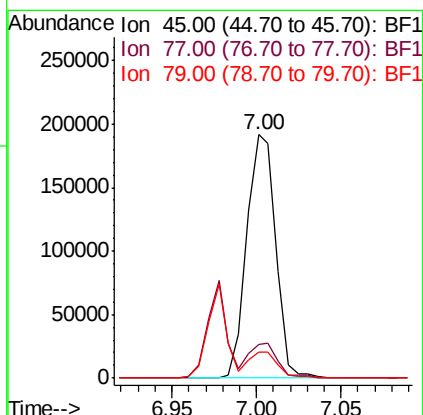
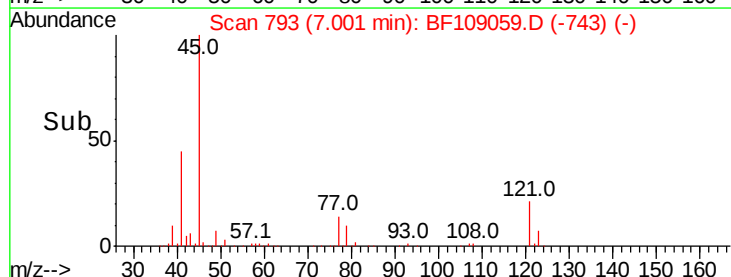
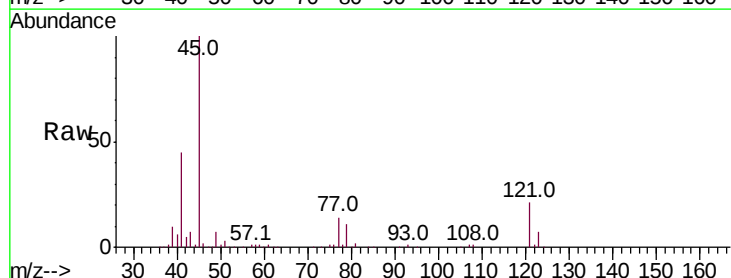
Tgt Ion: 45 Resp: 228936

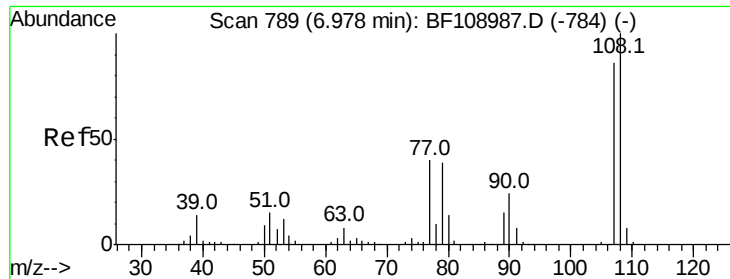
Ion Ratio Lower Upper

45 100

77 14.1 0.0 32.9

79 10.5 0.0 29.6





#17

2-Methylphenol

Concen: 16.980 ng

RT: 6.98 min Scan# 789

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

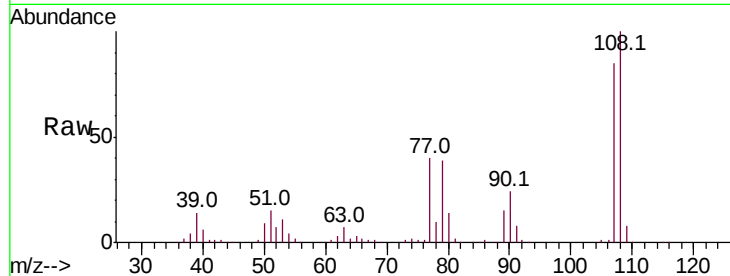
ClientSampleId :

RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	127495		
108	117.0	91.7	137.5	
77	47.0	33.8	50.8	
79	45.1	33.8	50.8	

Manual Integrations
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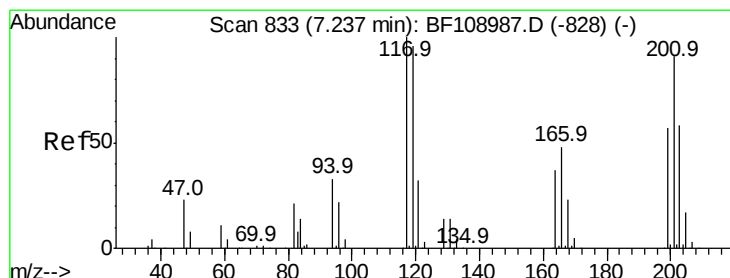
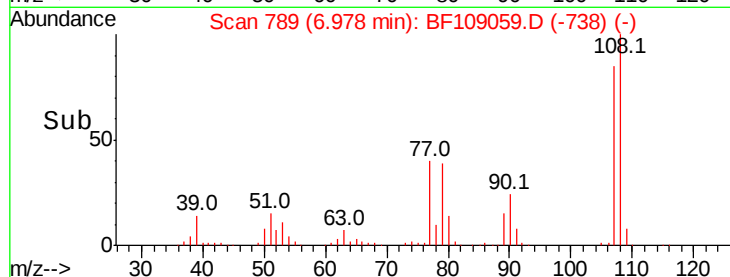
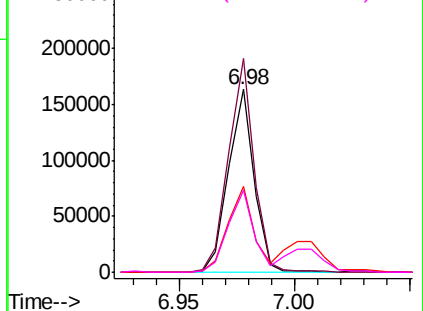
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 13.389 ng

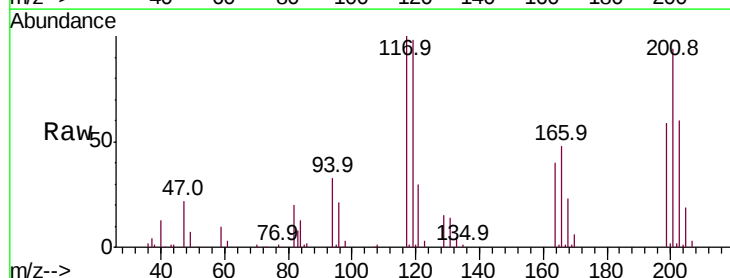
RT: 7.24 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	51344		
119	97.5	75.8	113.8	
201	93.6	75.7	113.5	

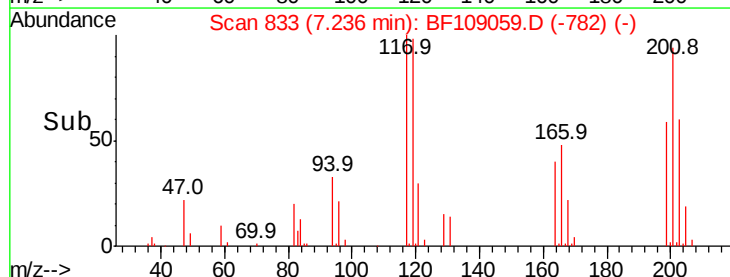
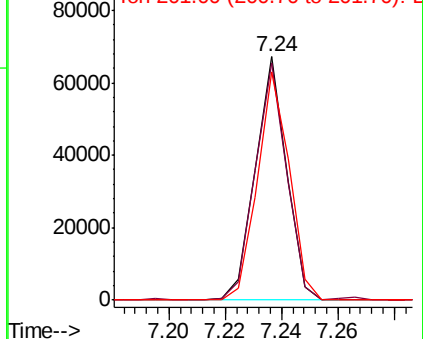


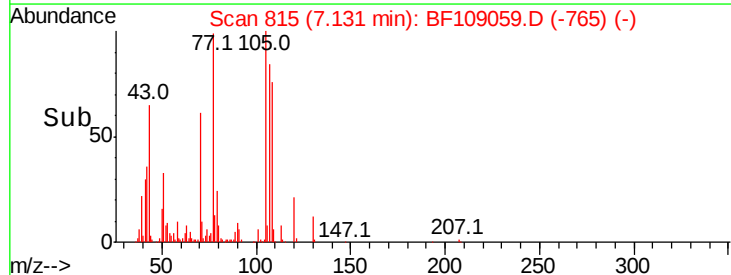
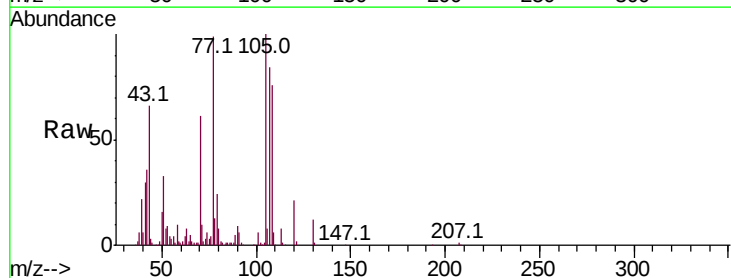
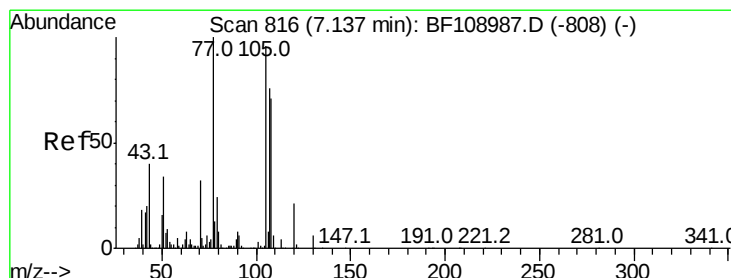
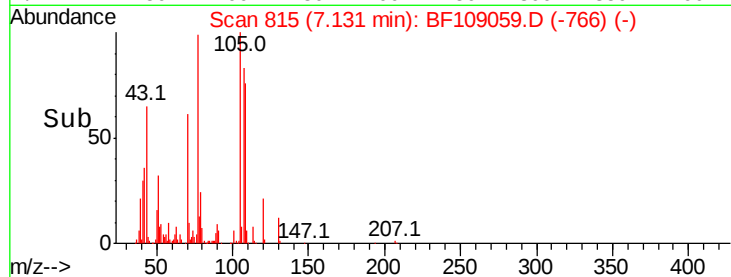
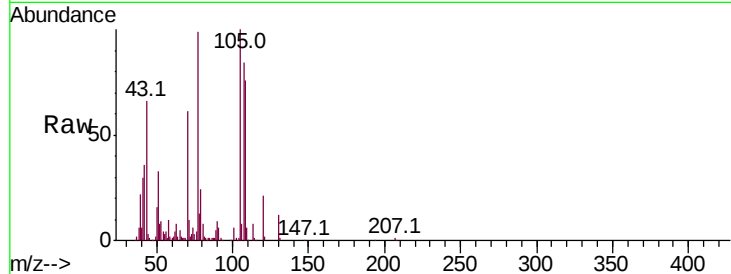
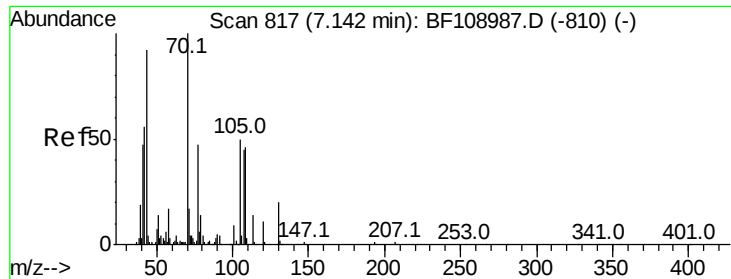
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





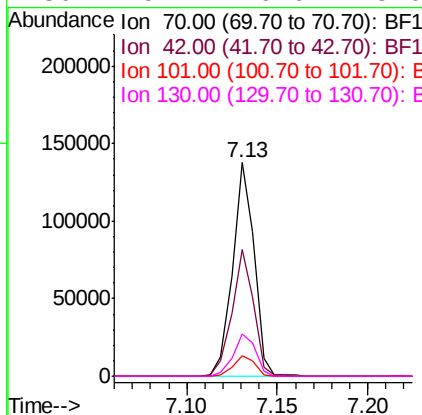
#19
n-Nitroso-di-n-propylamine
Concen: 16.295 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	59.2	47.5	71.3	
101	9.4	7.4	11.2	
130	19.7	16.6	25.0	

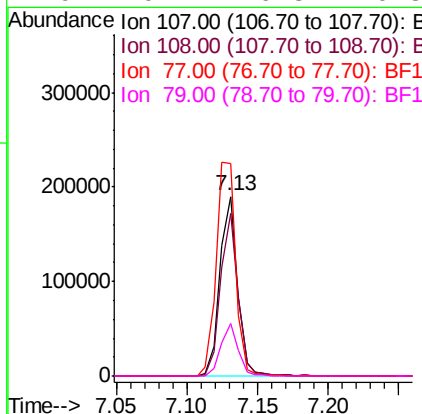
Manual Integrations
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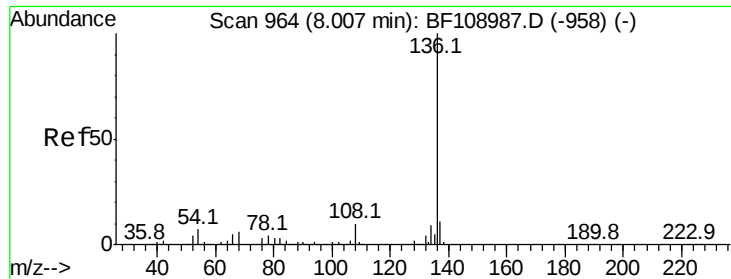
Sohil
9/18/2018 6:00:18 PM



#20
3+4-Methylphenols
Concen: 18.425 ng
RT: 7.13 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.5	68.2	108.2	
77	118.2	26.7	66.7#	
79	29.2	6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

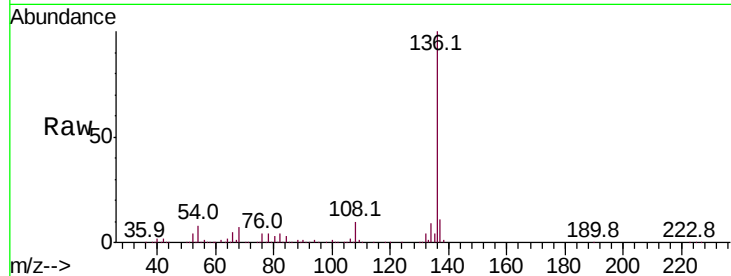
ClientSampleId :

RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	499818		
137	10.9	8.9	13.3	
54	7.8	6.6	9.8	
68	6.6	5.0	7.4	

Manual Integrations
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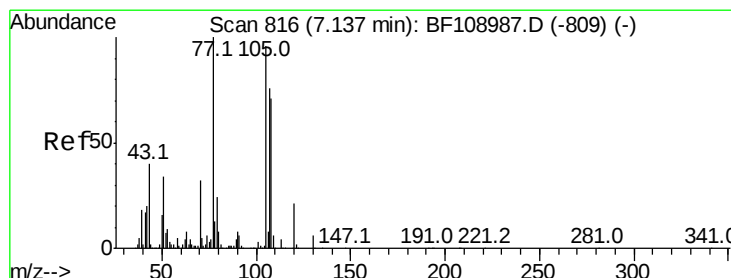
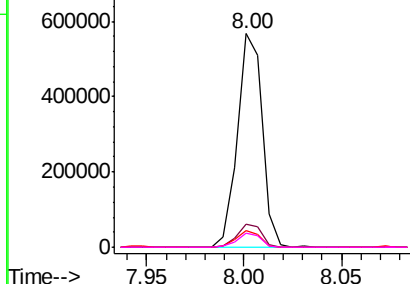
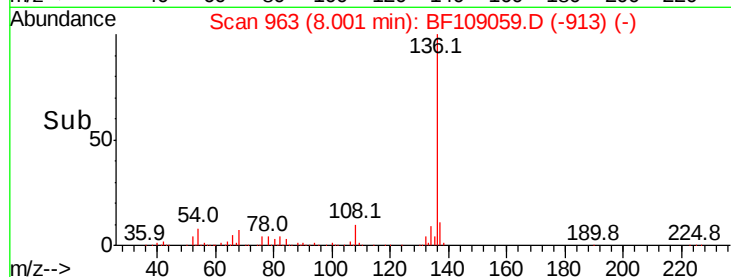
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 19.198 ng

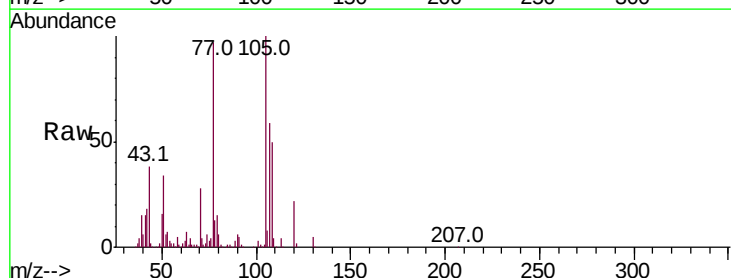
RT: 7.12 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	217914		
71	4.5	4.4	6.6	
51	34.4	22.3	33.5	
120	21.6	16.9	25.3	



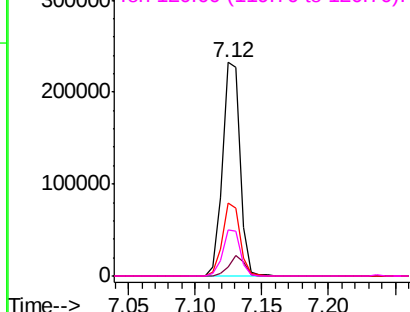
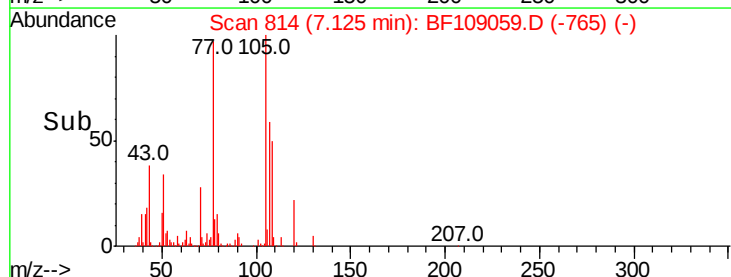
Abundance

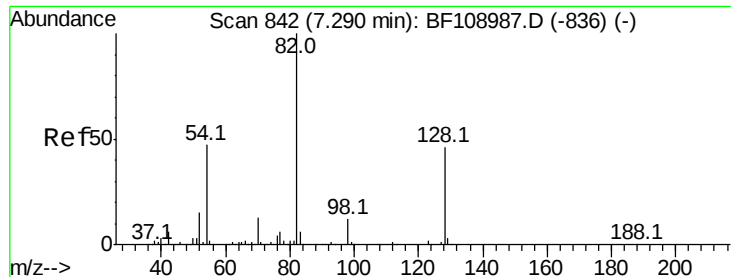
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





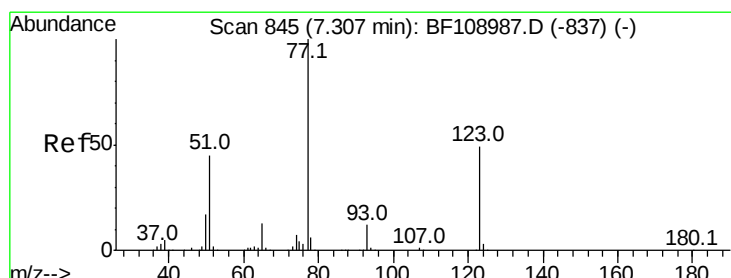
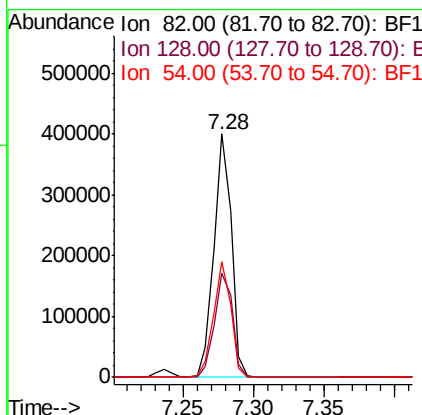
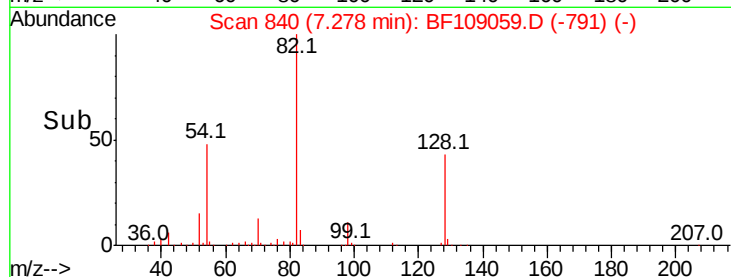
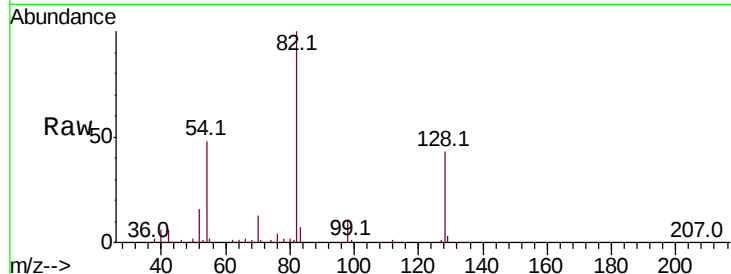
#23
Nitrobenzene-d5
Concen: 38.855 ng
RT: 7.28 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.5	36.1	54.1
54	47.7	41.4	62.2

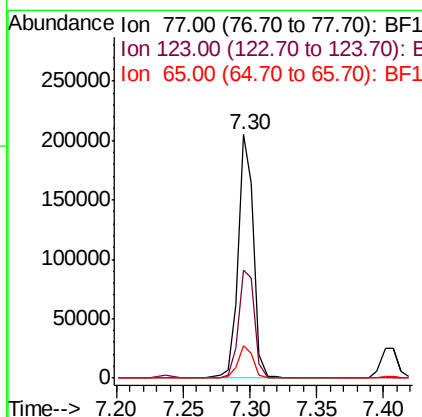
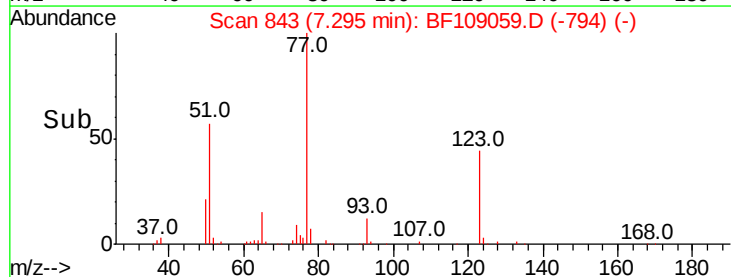
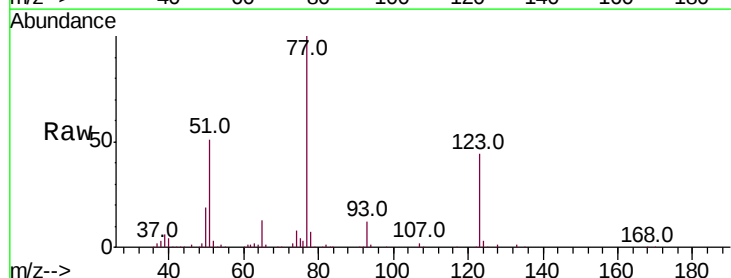
Manual Integrations
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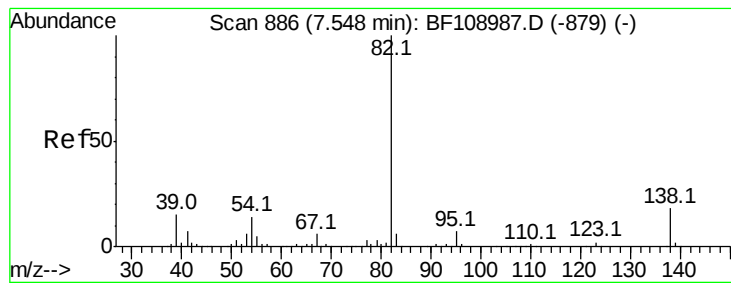
Sohil
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#24
Nitrobenzene
Concen: 17.921 ng
RT: 7.30 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 19.598 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

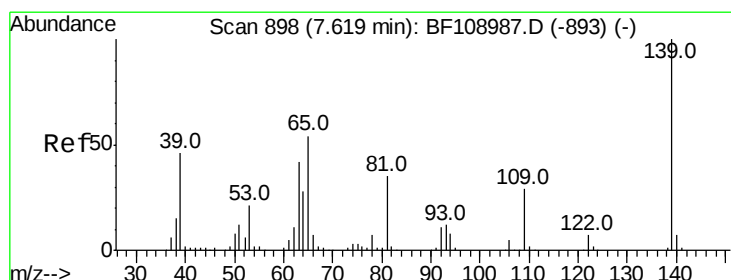
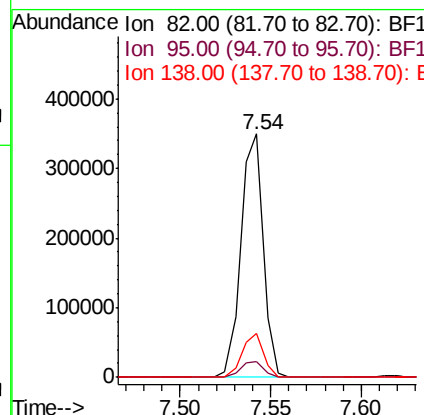
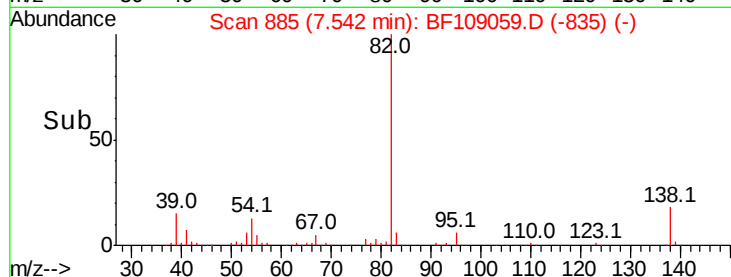
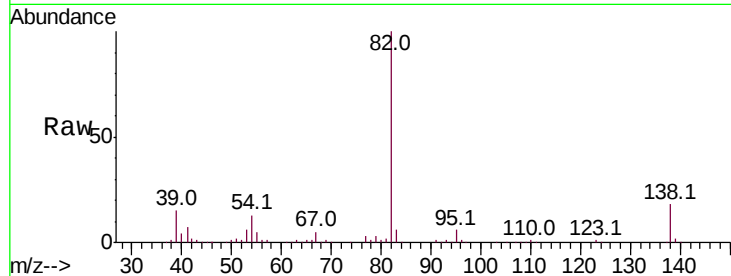
ClientSampleId :

RB12983RTMS

Tot Ion:	82	Resp:	300209
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	18.3	14.9	22.3

Manual Integrations
APPROVED

Sohil
9/18/2018 6:00:18 PM



#26

2-Nitrophenol

Concen: 14.594 ng

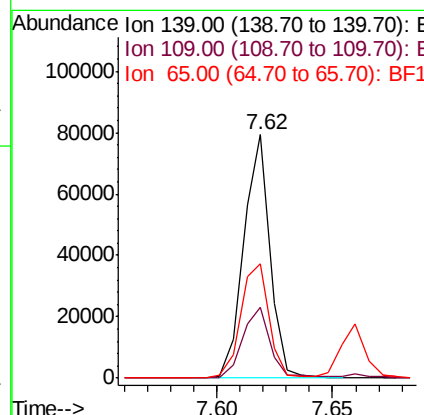
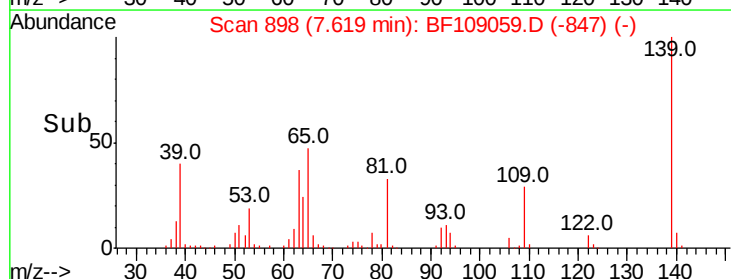
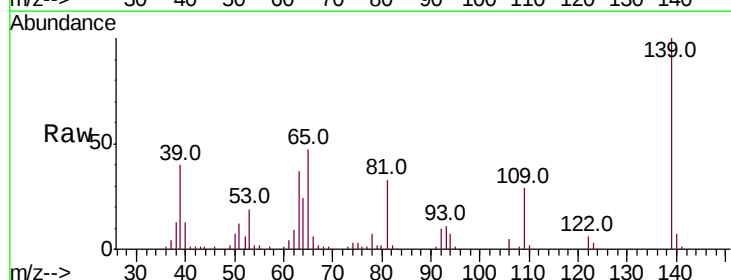
RT: 7.62 min Scan# 898

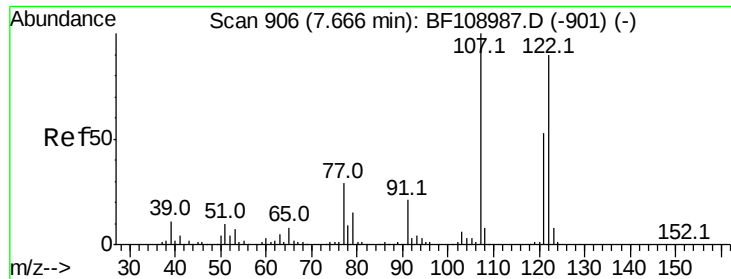
Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	139	Resp:	62609
Ion Ratio	Lower	Upper	
139	100		
109	29.2	22.7	34.1
65	46.9	40.5	60.7





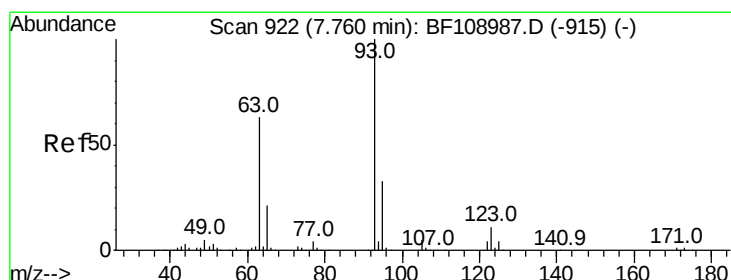
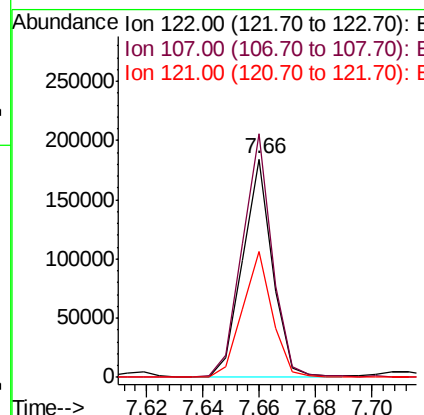
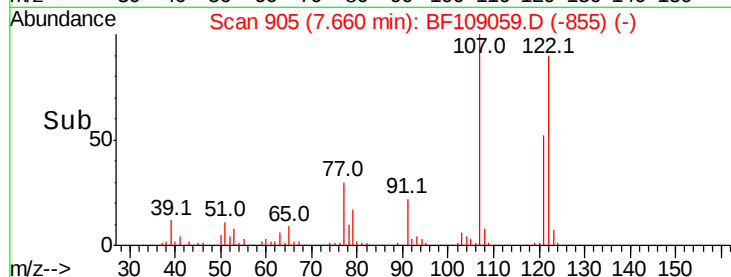
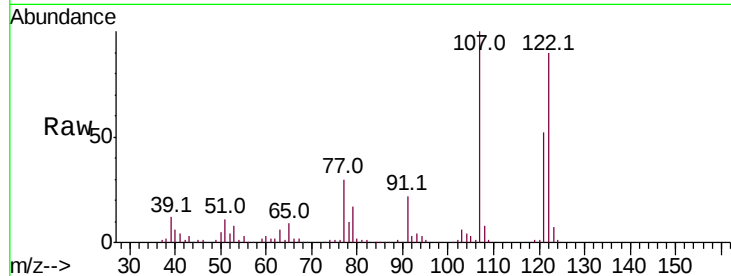
#27
2,4-Dimethylphenol
Concen: 20.251 ng
RT: 7.66 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	136278		
107	111.6	91.2	136.8	
121	57.9	47.2	70.8	

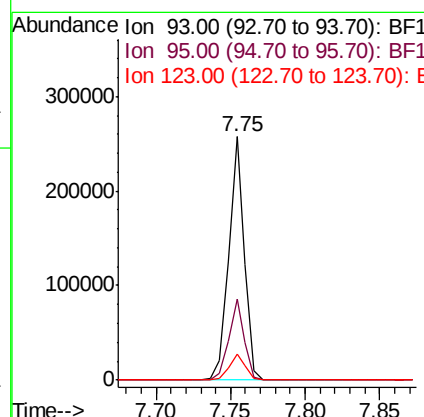
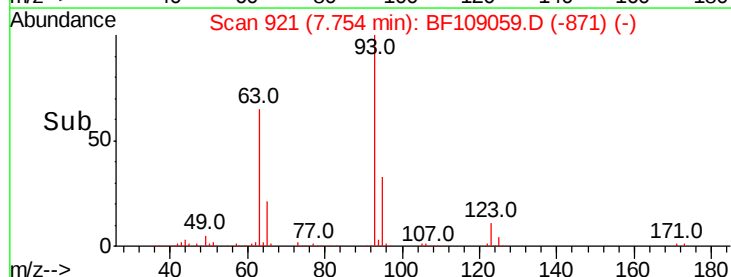
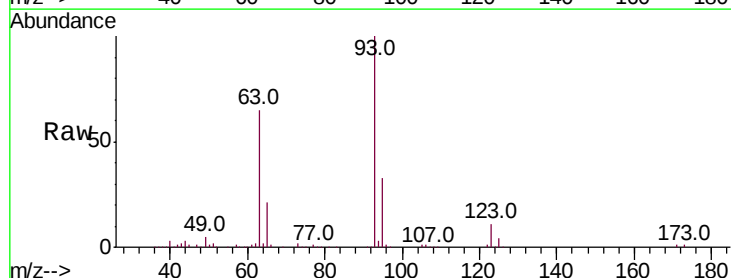
Manual Integrations
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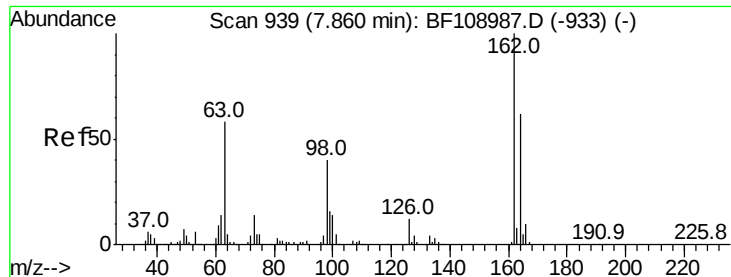
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 18.585 ng
RT: 7.75 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	191579		
95	33.0	26.3	39.5	
123	10.5	9.8	14.6	





#29

2,4-Dichlorophenol

Concen: 16.962 ng

RT: 7.86 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

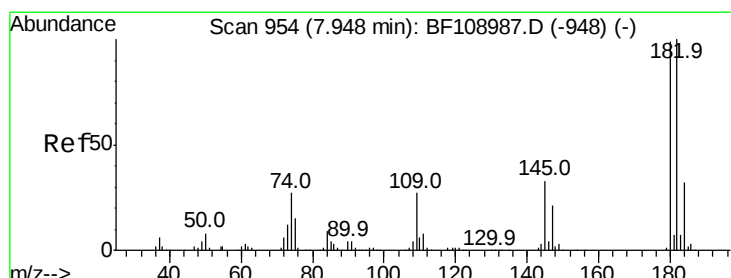
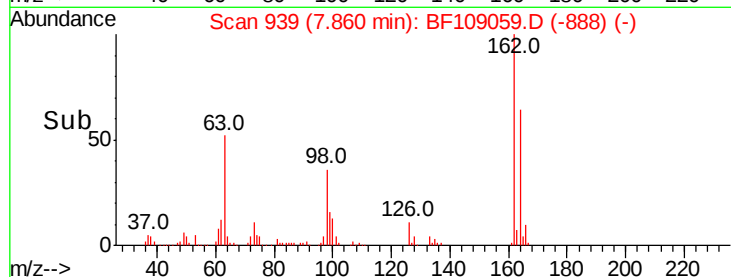
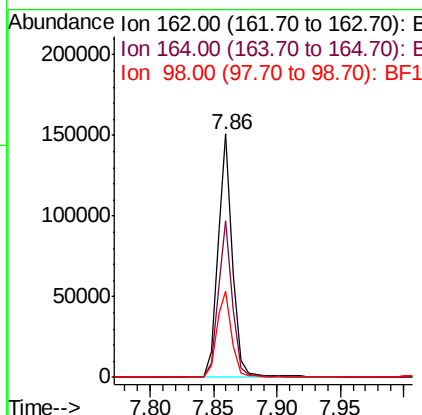
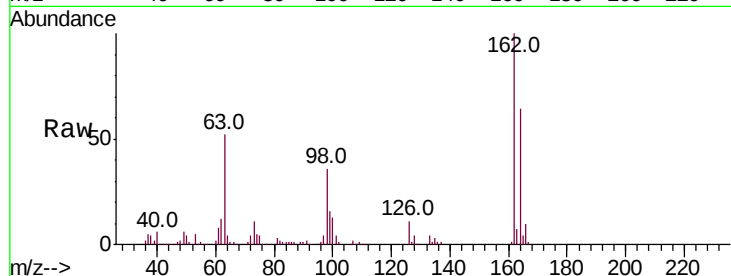
ClientSampleId :

RB12983RTMS

Tot Ion:	162	Resp:	121636
Ion Ratio	Lower	Upper	
162	100		
164	64.3	42.7	82.7
98	35.5	18.1	58.1

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9/18/2018 6:00:18 PM



#30

1,2,4-Trichlorobenzene

Concen: 16.812 ng

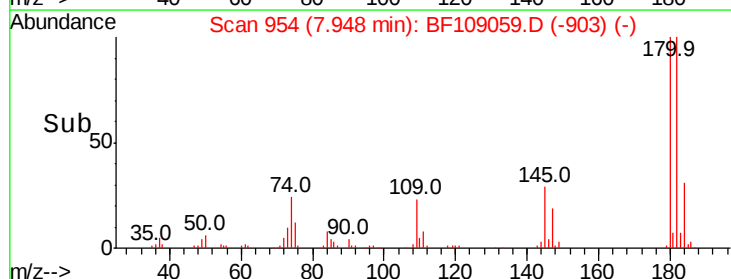
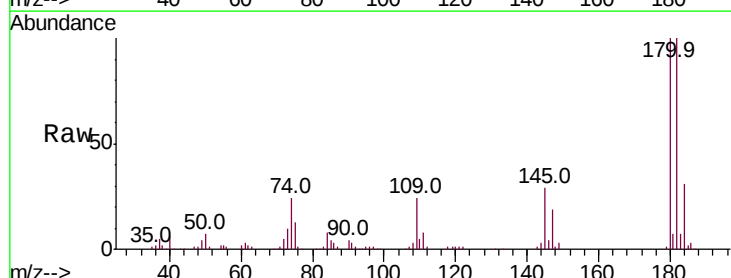
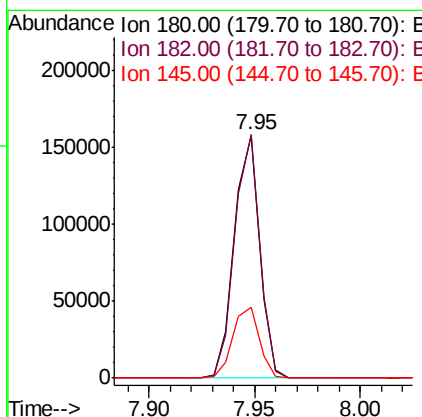
RT: 7.95 min Scan# 954

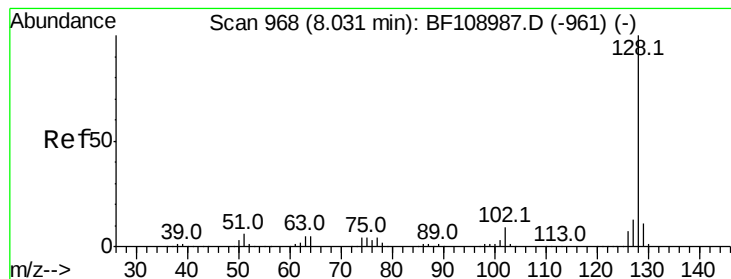
Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	180	Resp:	130329
Ion Ratio	Lower	Upper	
180	100		
182	100.3	76.8	115.2
145	29.0	26.5	39.7





#31

Naphthalene

Concen: 18.822 ng

RT: 8.02 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

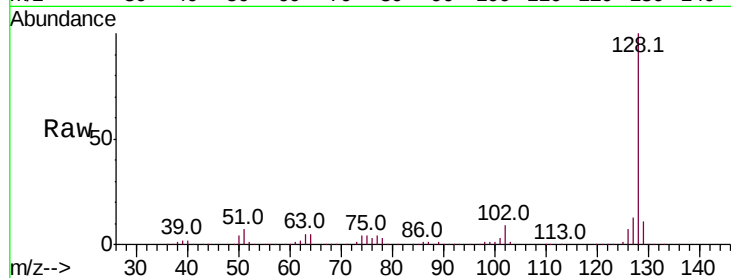
ClientSampleId :

RB12983RTMS

Tot Ion:	128	Resp:	436630
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	12.9	10.9	16.3

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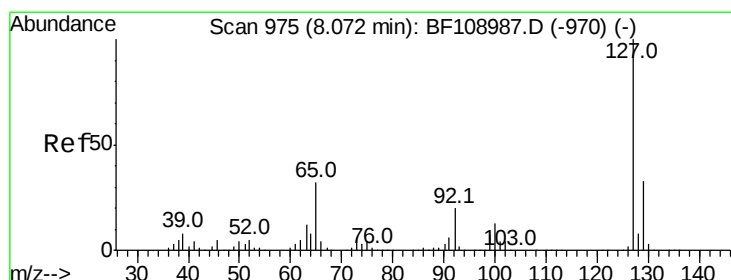
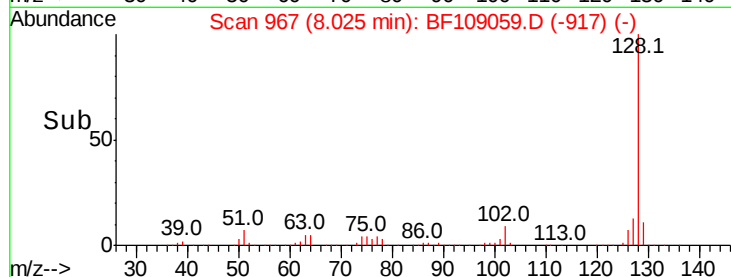
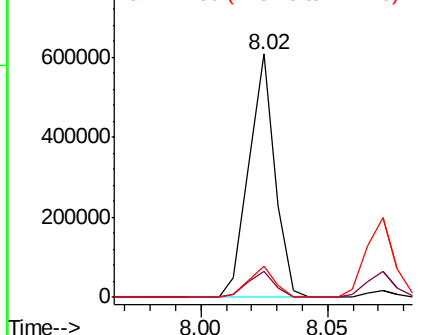


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 15.636 ng

RT: 8.07 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	127	Resp:	161283
Ion Ratio	Lower	Upper	
127	100		
129	32.1	25.9	38.9
65	28.0	25.0	37.4
92	17.8	15.2	22.8

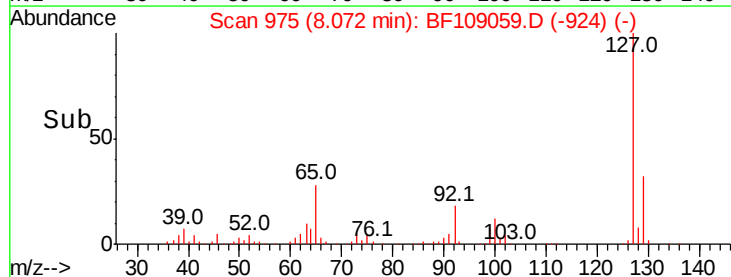
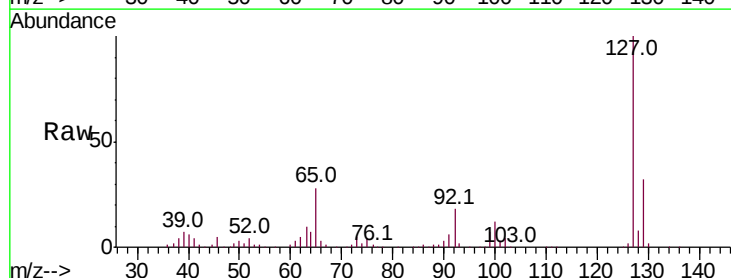
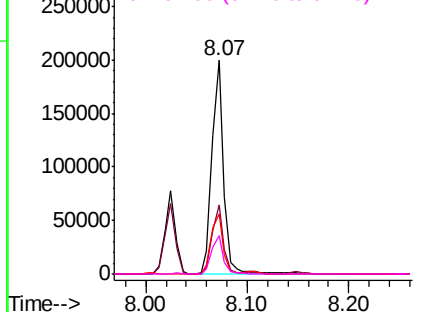
Abundance

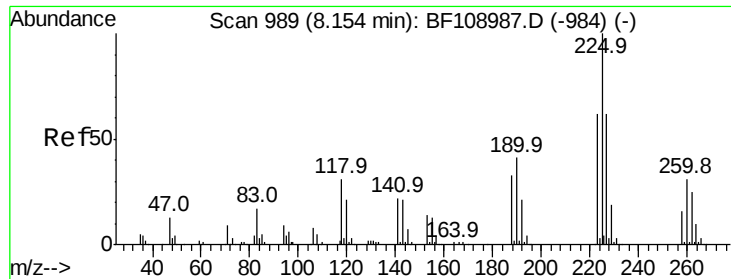
Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





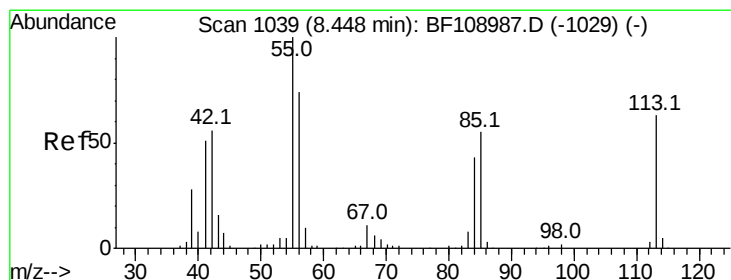
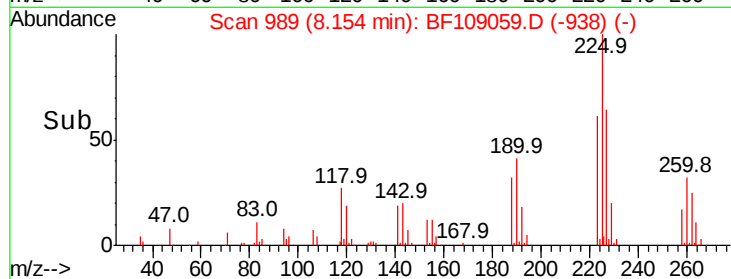
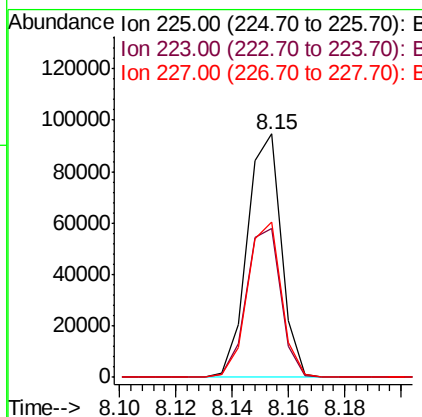
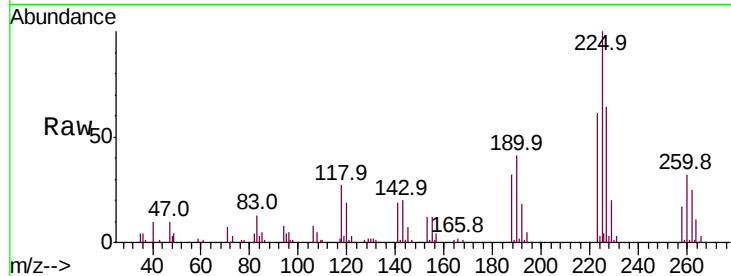
#34
Hexachlorobutadiene
Concen: 16.729 ng
RT: 8.15 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Lower	Upper
225	100		
223	60.9	50.6	76.0
227	64.0	51.9	77.9

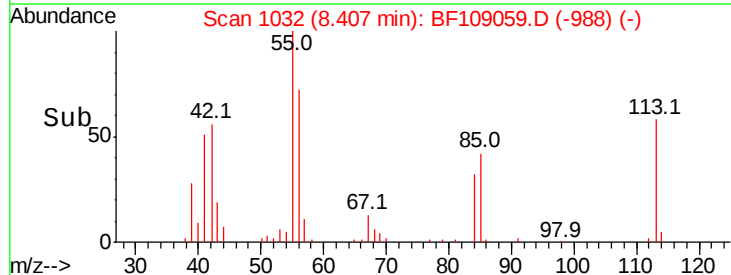
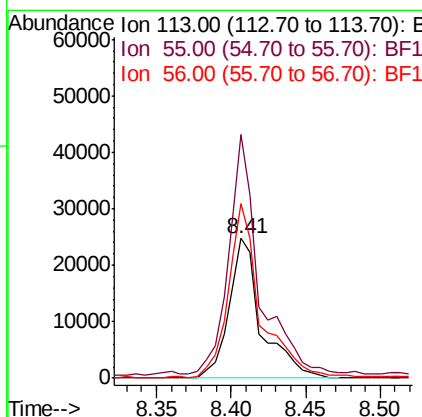
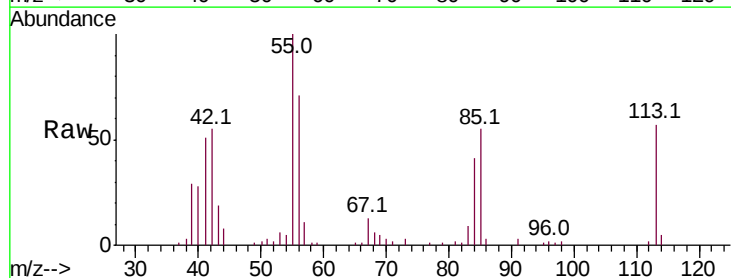
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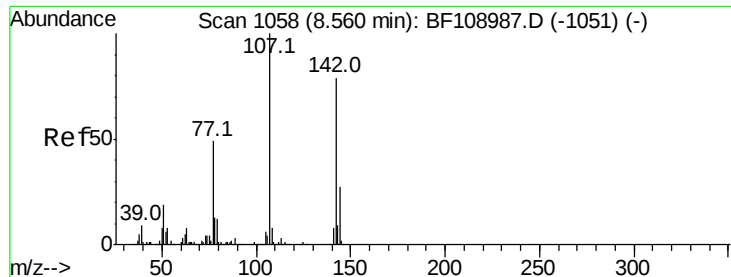
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#35
Caprolactam
Concen: 16.056 ng
RT: 8.41 min Scan# 1032
Delta R.T. -0.04 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
113	100		
55	174.6	163.3	203.3
56	124.7	115.7	155.7





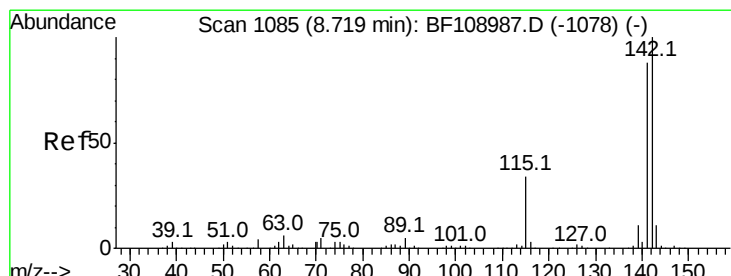
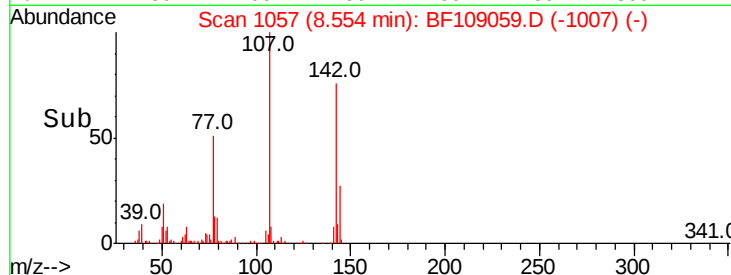
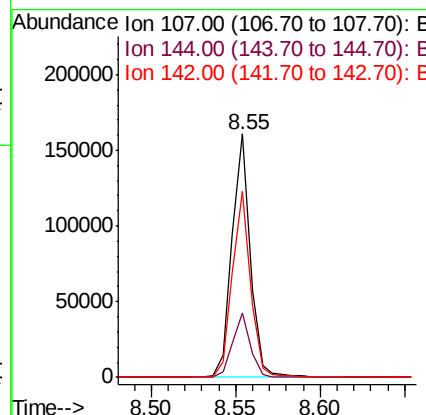
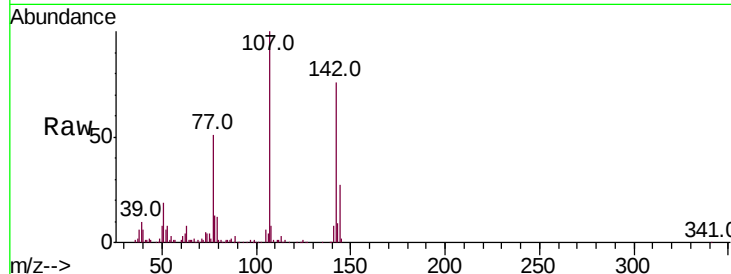
#36
4-Chloro-3-methylphenol
Concen: 16.077 ng
RT: 8.55 min Scan# 1057
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	121372		
144	26.5	20.5	30.7	
142	76.2	62.0	93.0	

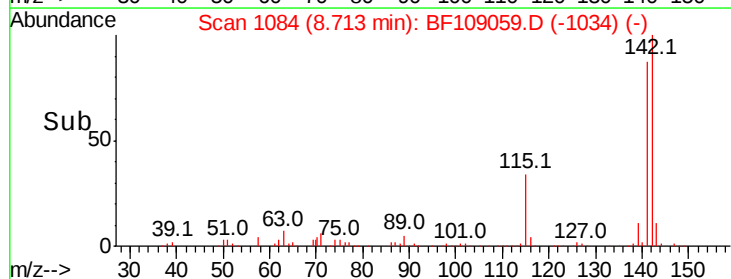
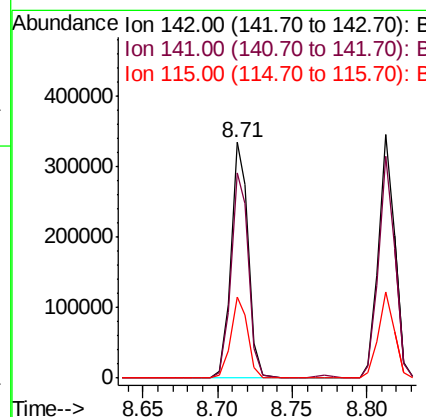
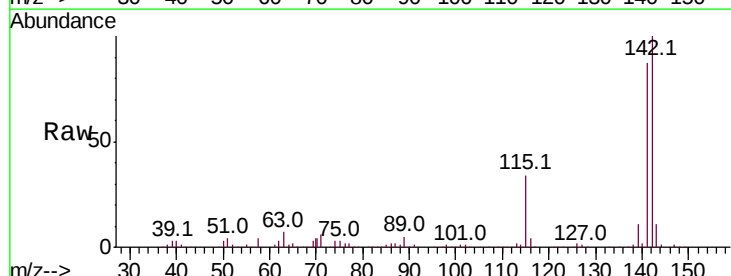
Manual Integrations
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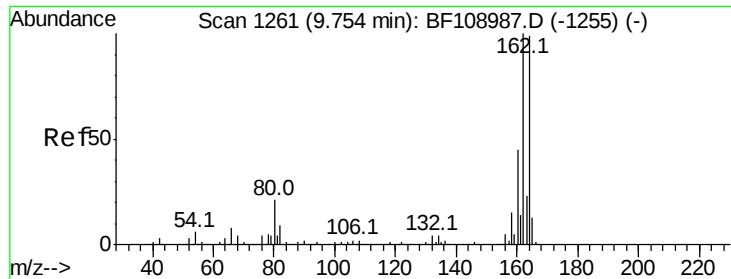
Sohil
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#37
2-Methylnaphthalene
Concen: 18.329 ng
RT: 8.71 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	277177		
141	86.9	70.8	106.2	
115	34.4	26.1	39.1	





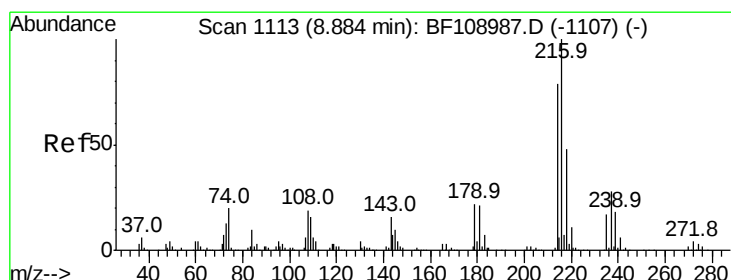
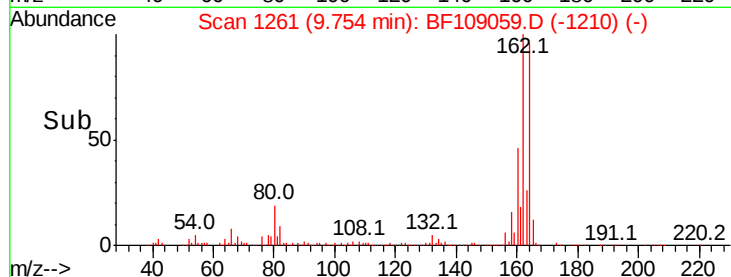
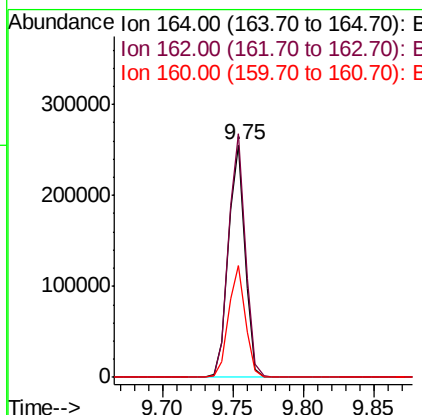
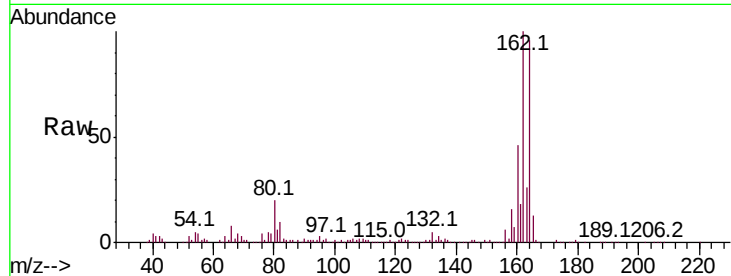
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	210146		
162	104.7	86.1	129.1	
160	48.1	38.3	57.5	

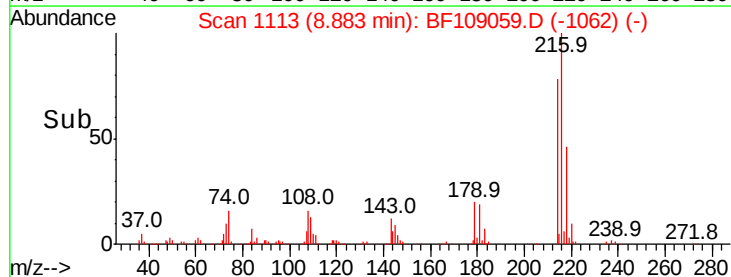
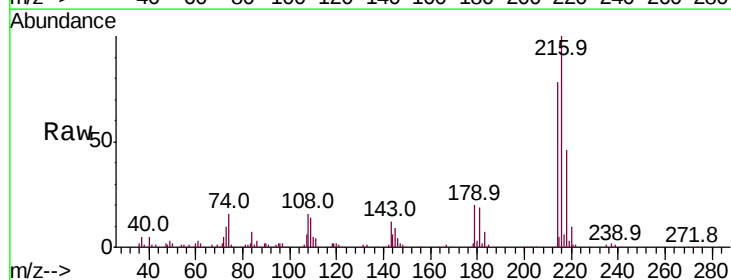
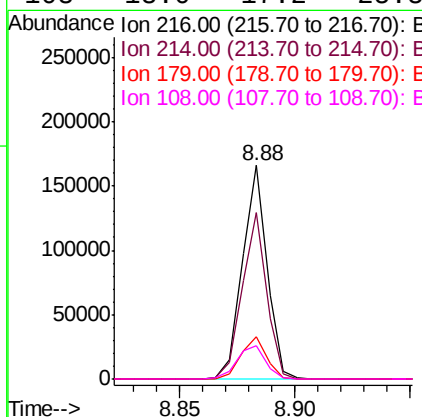
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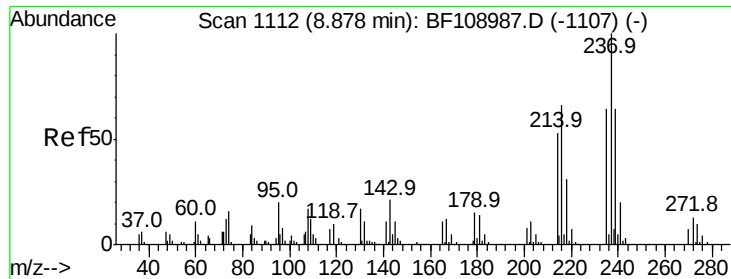
Sohil
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#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 18.748 ng
 RT: 8.88 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	124005		
214	77.4	63.0	94.4	
179	20.3	18.1	27.1	
108	18.0	17.2	25.8	





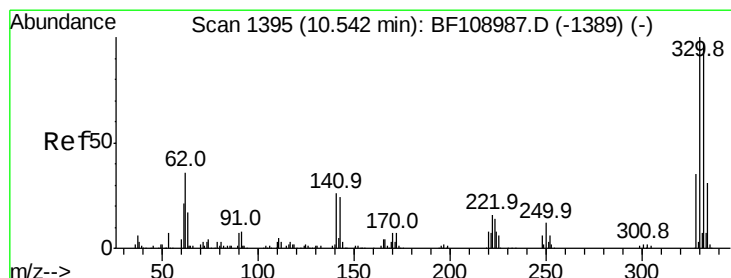
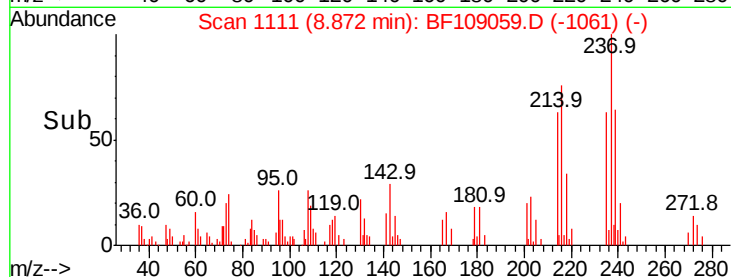
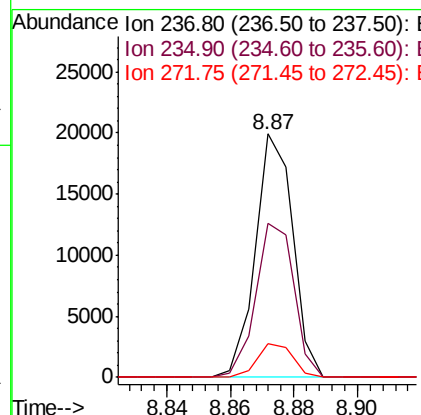
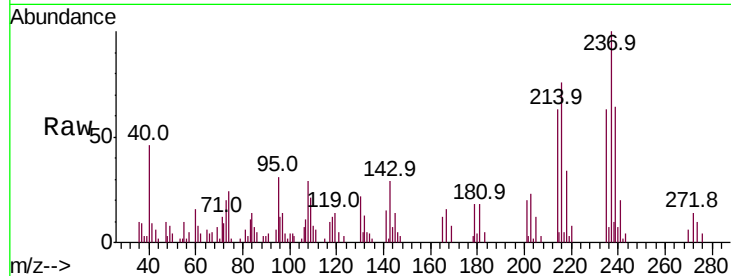
#40
 Hexachlorocyclopentadiene
 Concen: 4.894 ng
 RT: 8.87 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Tot Ion:	237	Resp:	16309
Ion Ratio	Lower	Upper	
237	100		
235	63.2	44.8	84.8
272	13.7	0.0	33.3

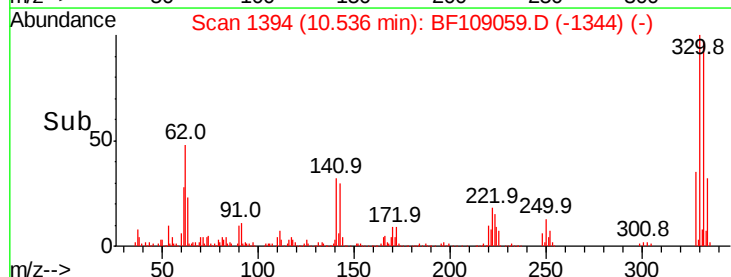
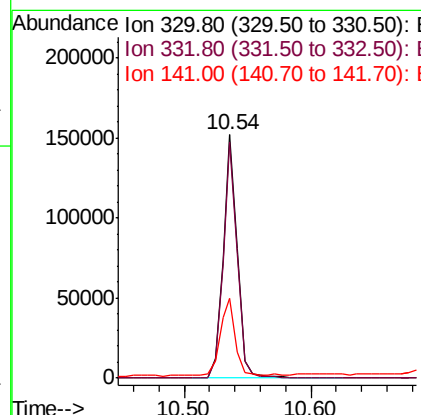
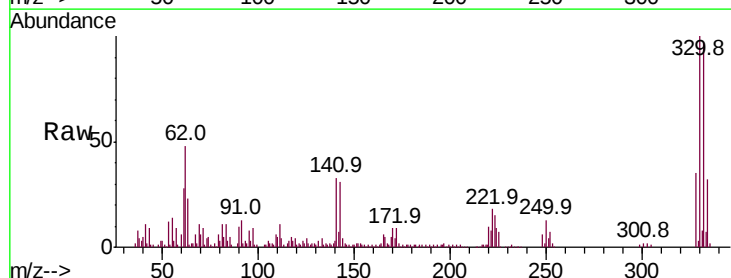
Manual Integrations
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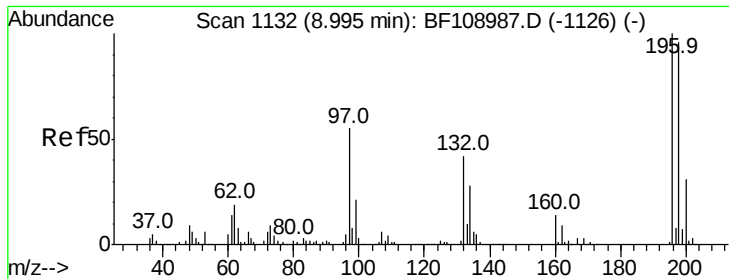
Sohil
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#41
 2,4,6-Tribromophenol
 Concen: 52.710 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.01 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion:	330	Resp:	120212
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.0	115.6
141	34.2	29.9	44.9





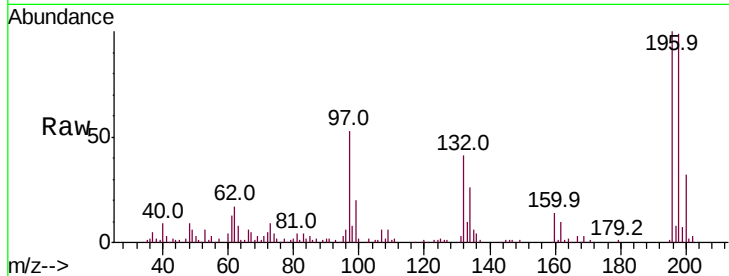
#42
 2,4,6-Trichlorophenol
 Concen: 17.569 ng
 RT: 9.00 min Scan# 1132
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampled :
 RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	78108		
198	99.0	75.7	113.5	
200	32.5	24.5	36.7	

Manual Integrations
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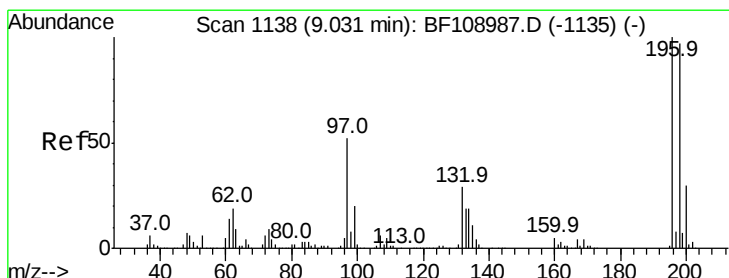
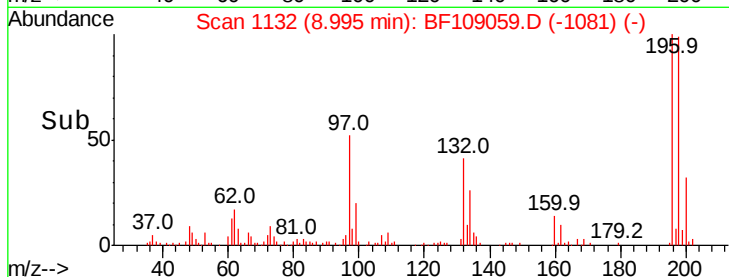
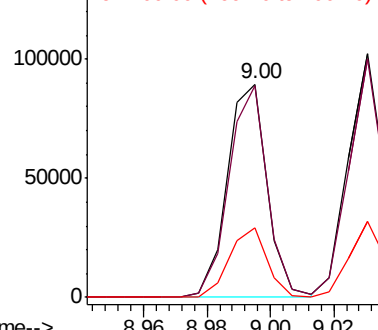


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#43
 2,4,5-Trichlorophenol
 Concen: 17.625 ng
 RT: 9.03 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	81883		
198	97.7	74.6	112.0	
97	52.4	42.9	64.3	
132	27.7	26.3	39.5	

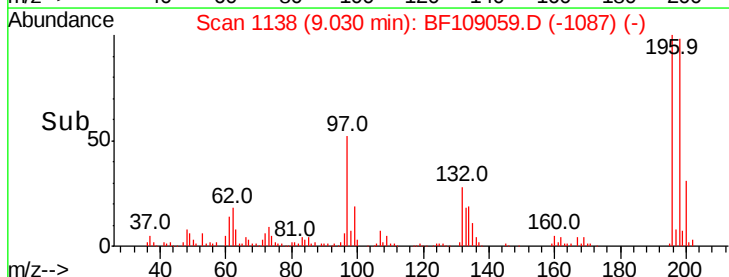
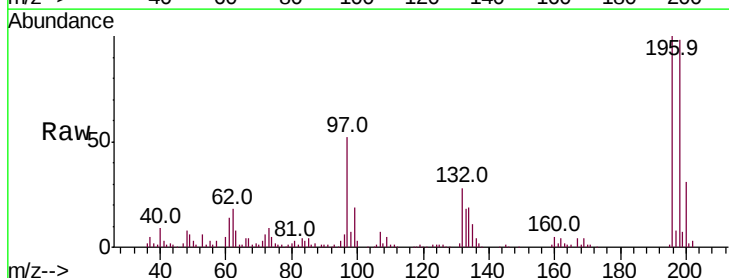
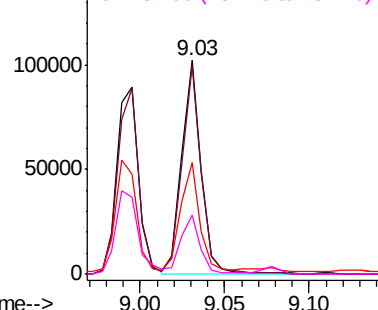
Abundance

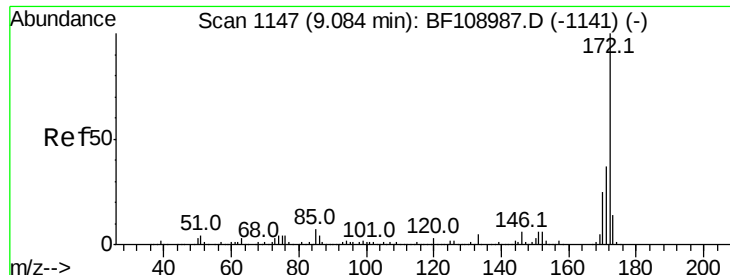
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





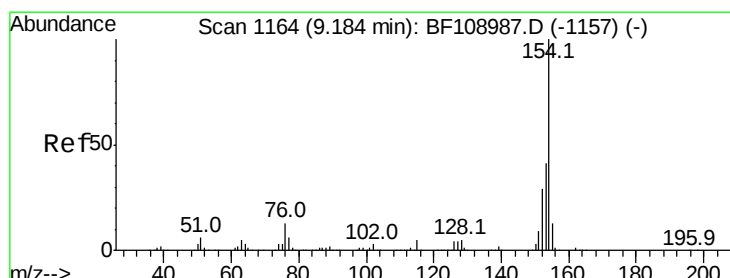
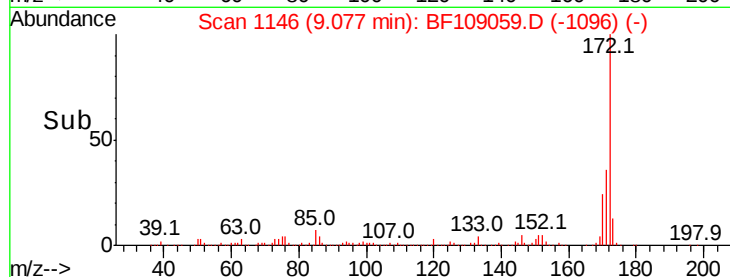
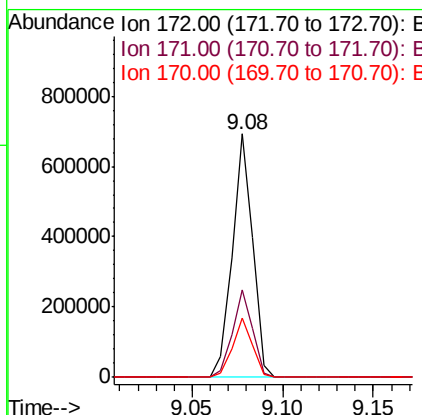
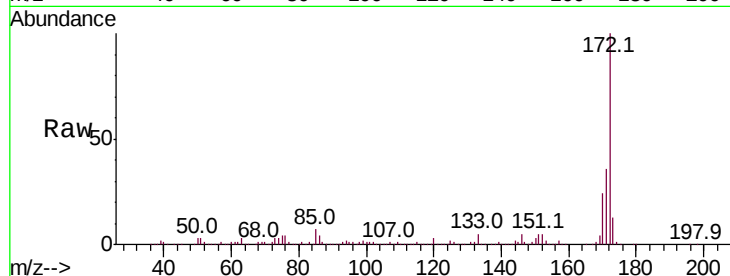
#44
2-Fluorobiphenyl
Concen: 40.280 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.7	29.7	44.5	
170	24.1	19.6	29.4	

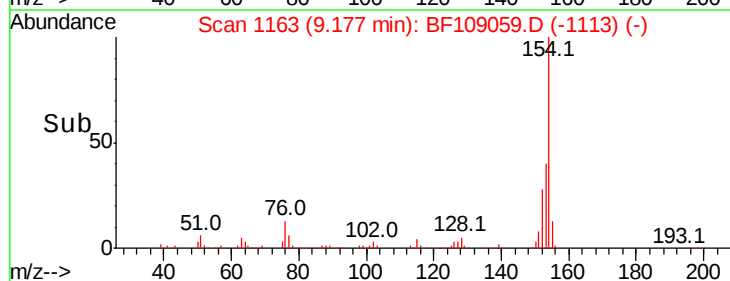
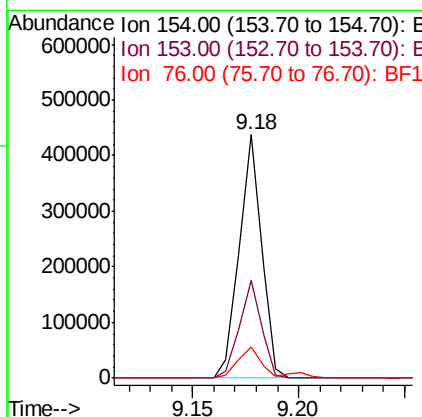
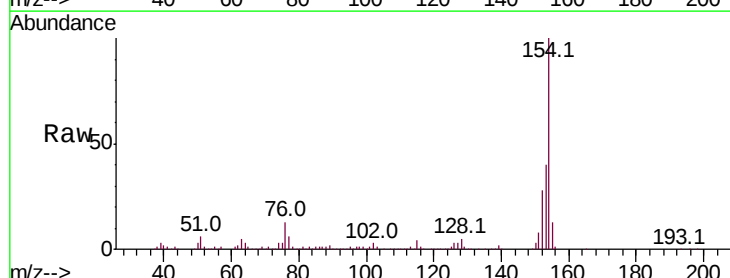
Manual Integrations
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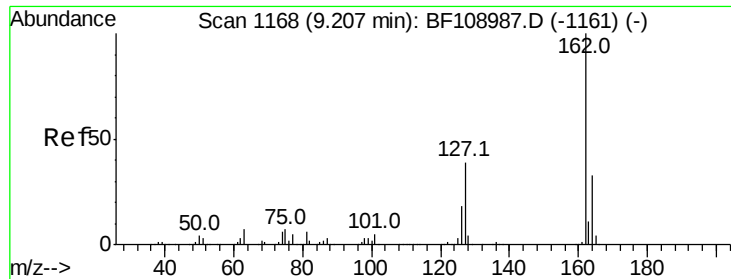
Sohil
9/18/2018 6:00:18 PM



#45
1,1'-Biphenyl
Concen: 19.009 ng
RT: 9.18 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	40.2	21.3	61.3	
76	12.6	0.0	34.0	





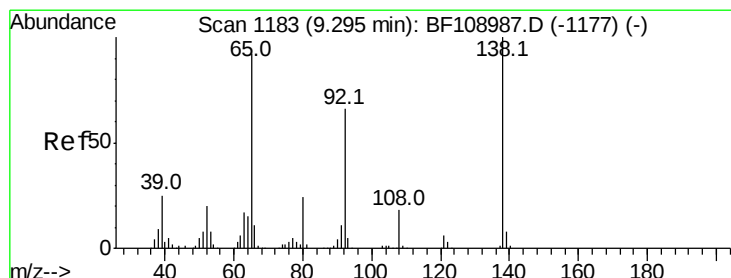
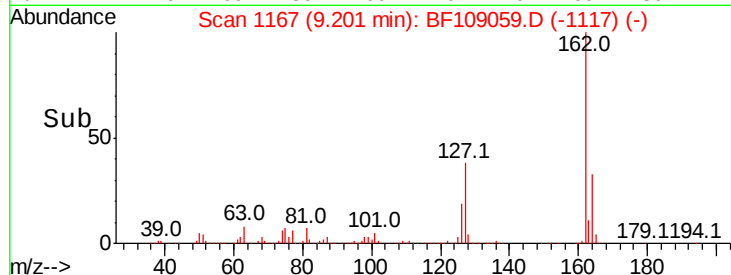
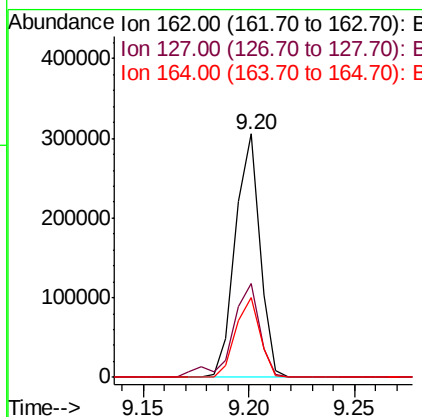
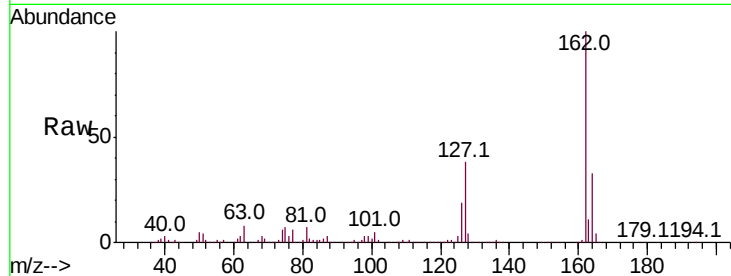
#46
2-Chloronaphthalene
Concen: 18.132 ng
RT: 9.20 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	244133		
127	38.3		33.9	50.9
164	32.5		26.5	39.7

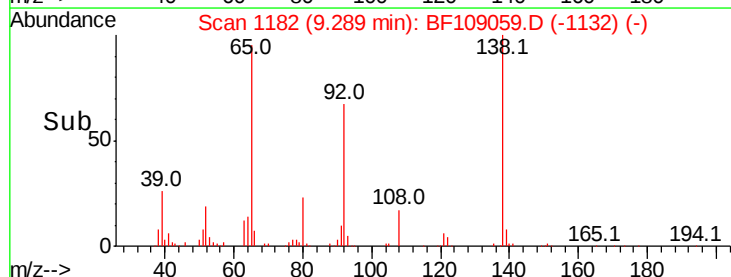
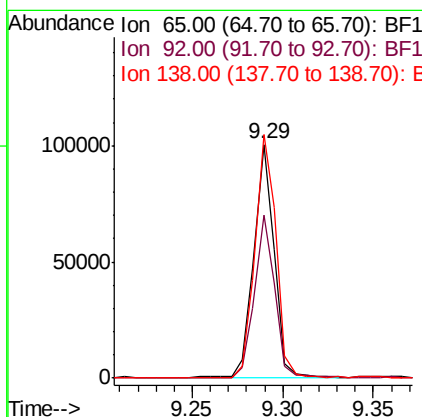
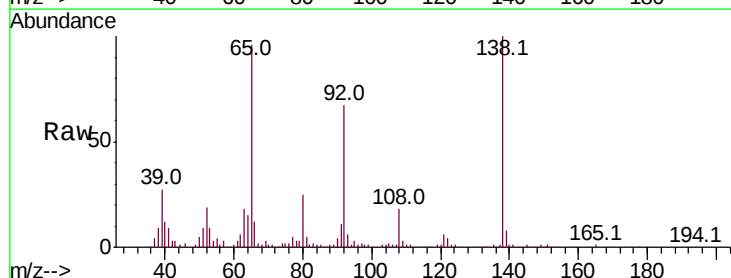
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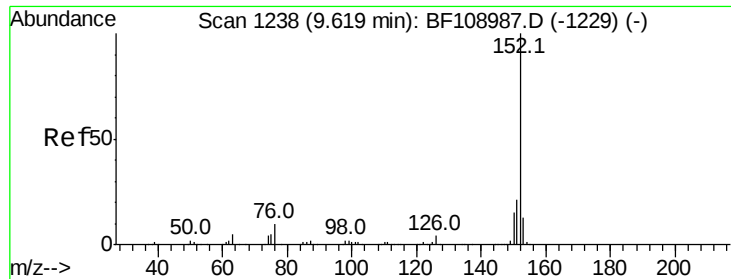
Sohil
9/18/2018 6:00:18 PM



#47
2-Nitroaniline
Concen: 18.782 ng
RT: 9.29 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	77745		
92	69.6		55.8	83.6
138	104.2		91.2	136.8





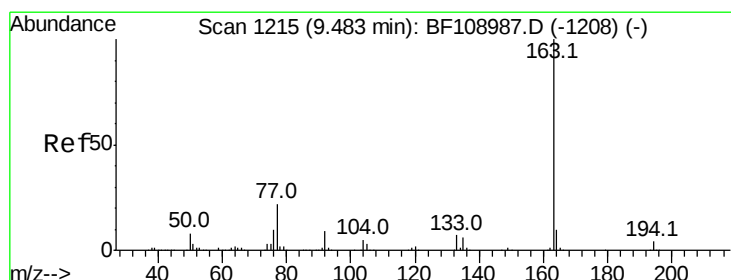
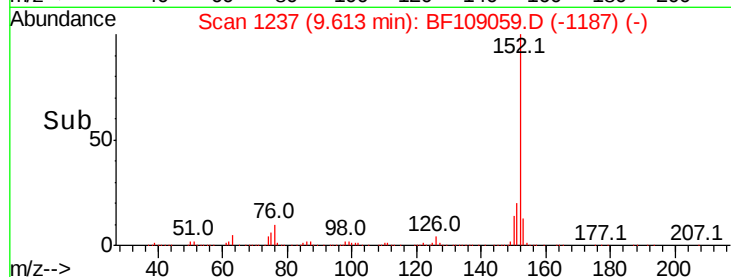
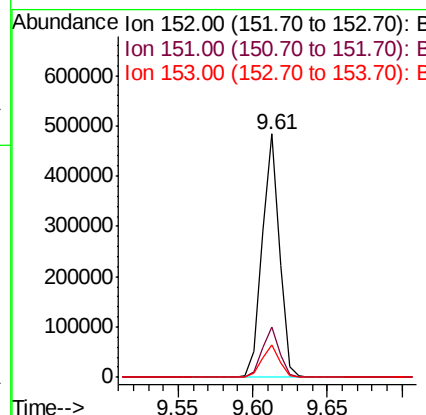
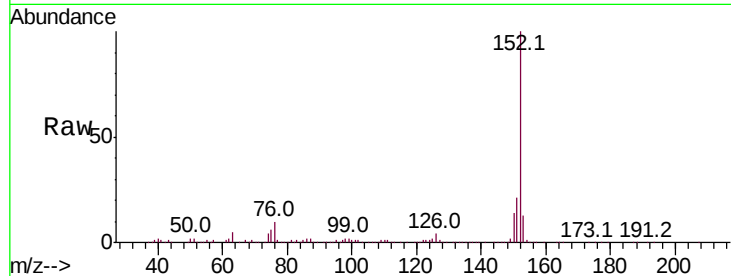
#48
Acenaphthylene
Concen: 18.859 ng
RT: 9.61 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	382853		
151	20.6		16.3	24.5
153	13.3		10.7	16.1

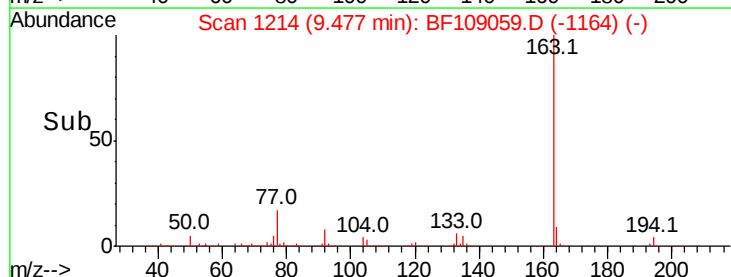
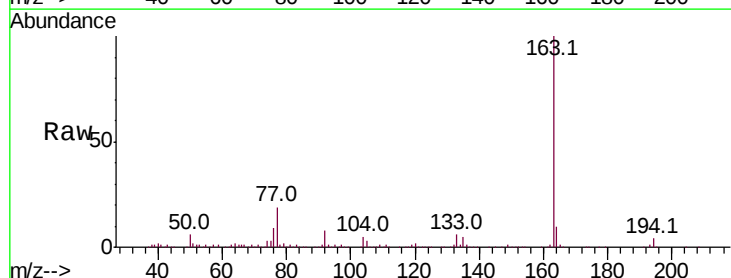
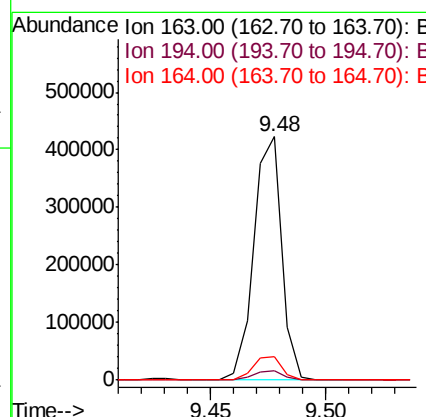
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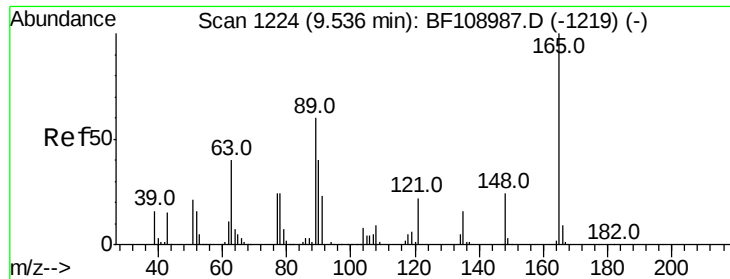
Sohil
9/18/2018 6:00:18 PM



#49
Dimethylphthalate
Concen: 23.625 ng
RT: 9.48 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	354839		
194	3.9		2.7	4.1
164	9.7		8.2	12.2





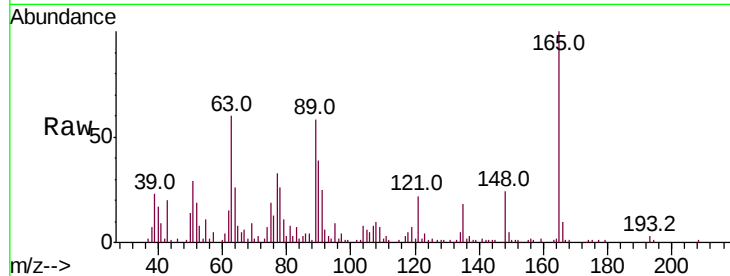
#50
 2,6-Dinitrotoluene
 Concen: 16.751 ng
 RT: 9.53 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

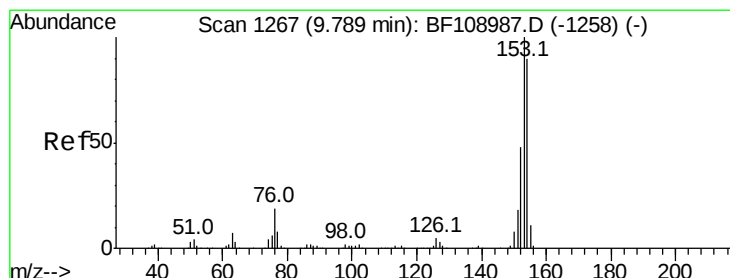
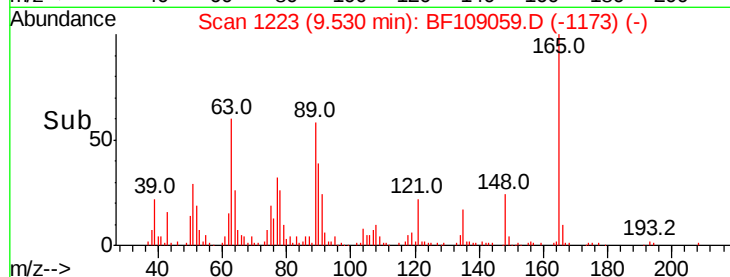
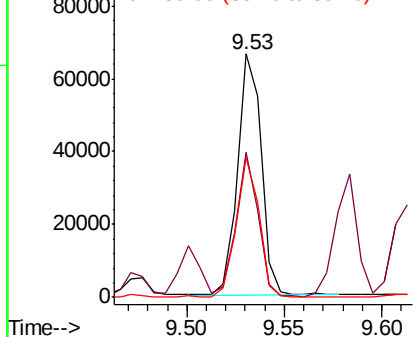
Tot Ion	Ratio	Resp	Lower	Upper
165	100	55795		
63	59.7		44.7	67.1
89	57.7		44.0	66.0

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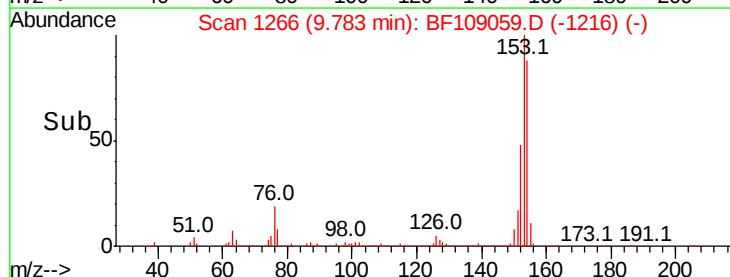
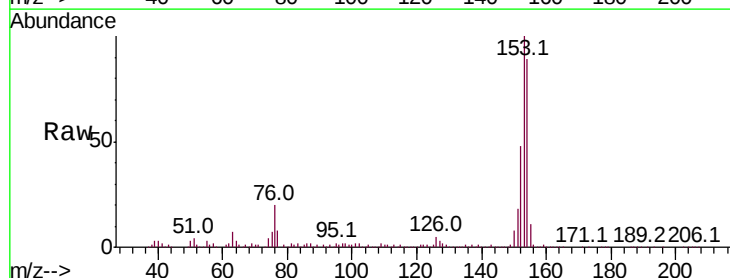
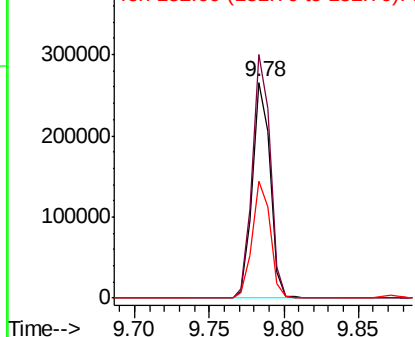
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

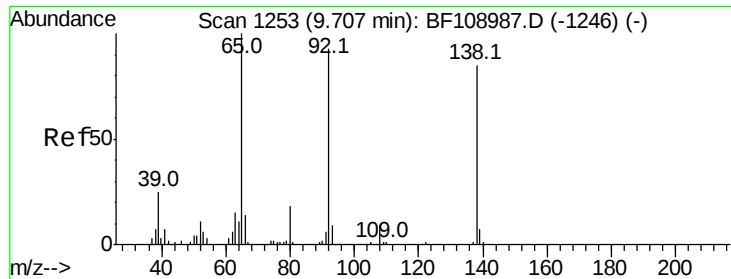


#51
 Acenaphthene
 Concen: 17.298 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	218664		
153	112.9		91.2	136.8
152	54.1		43.8	65.8

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





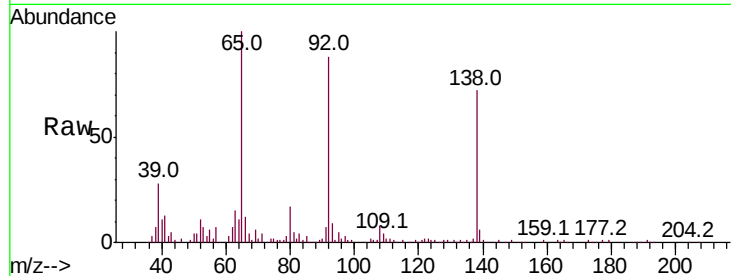
#52
3-Nitroaniline
Concen: 17.491 ng
RT: 9.70 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.0
92	122.3	89.4	134.2

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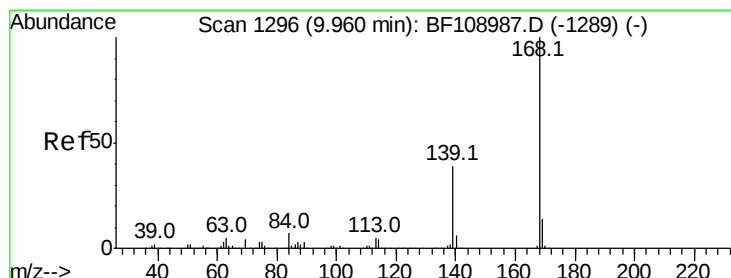
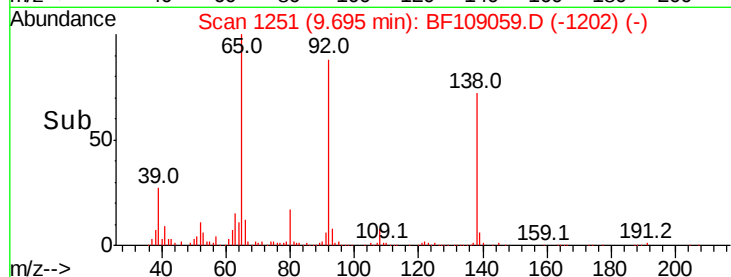
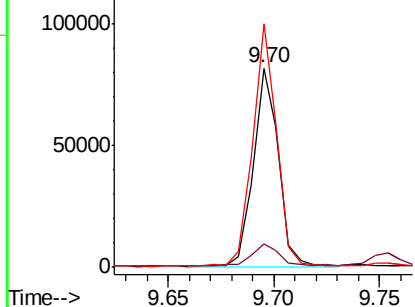


Abundance

Ion 138.00 (137.70 to 138.70): E

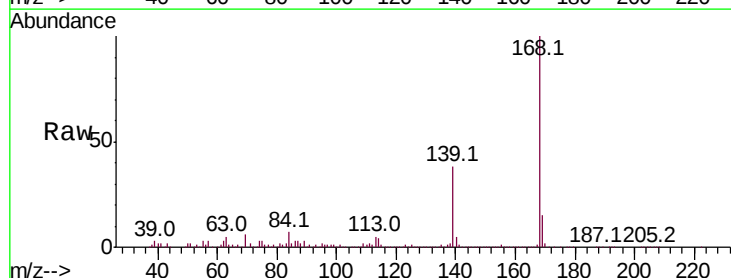
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
Dibenzofuran
Concen: 17.518 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.9	30.1	45.1
169	14.7	10.9	16.3

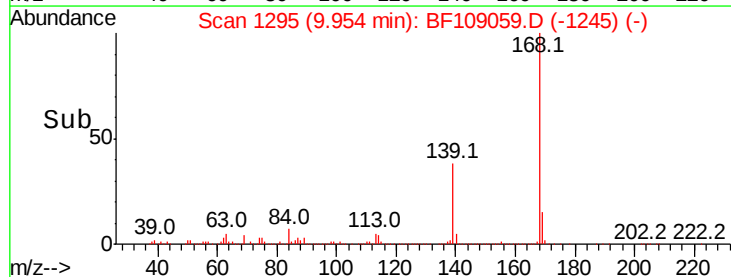
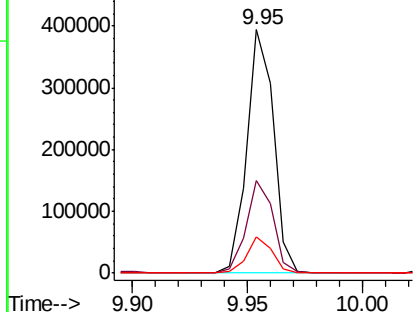


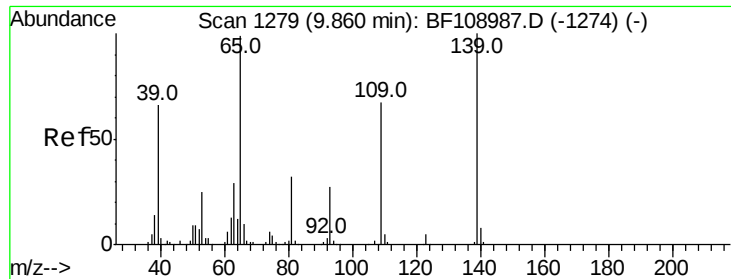
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





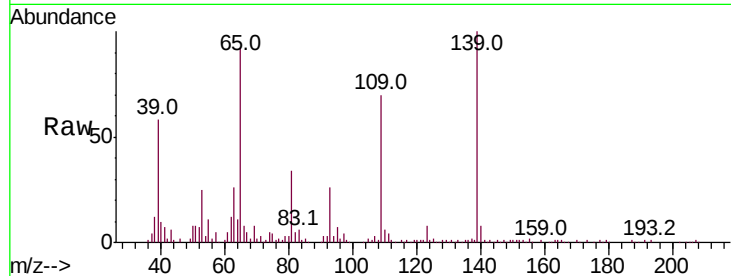
#55
4-Nitrophenol
Concen: 32.961 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	70.1	48.4	88.4	
65	91.8	72.6	112.6	

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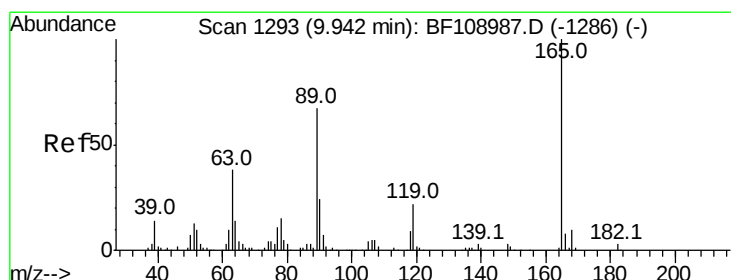
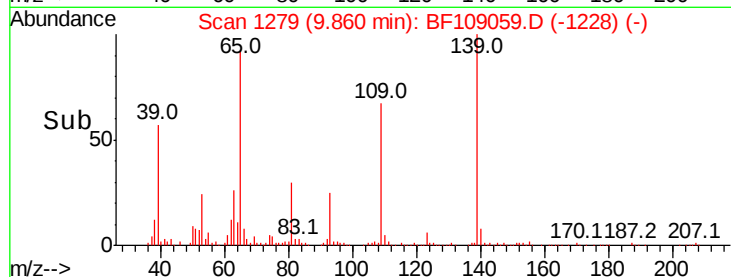
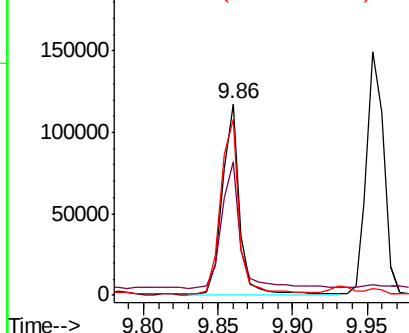


Abundance

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: 15.880 ng
RT: 9.93 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	45.7	36.4	54.6	
89	76.5	57.8	86.6	
182	3.0	1.6	2.4	#

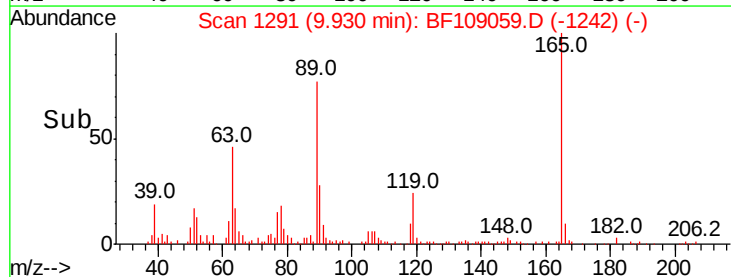
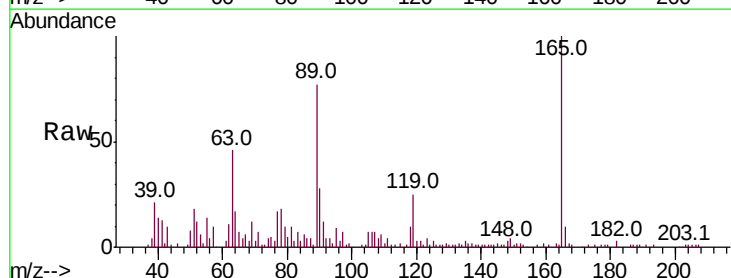
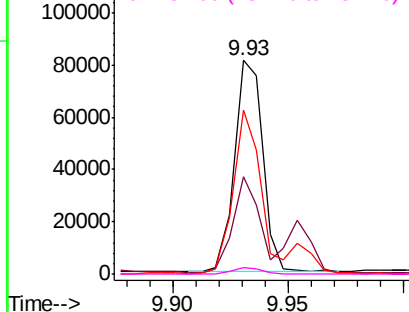
Abundance

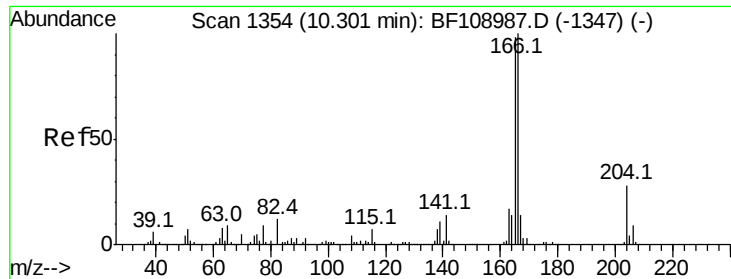
Ion 165.00 (164.70 to 165.70): E

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: 19.841 ng

RT: 10.30 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

ClientSampleId :

RB12983RTMS

Tot Ion:166 Resp: 241528

Ion Ratio Lower Upper

166 100

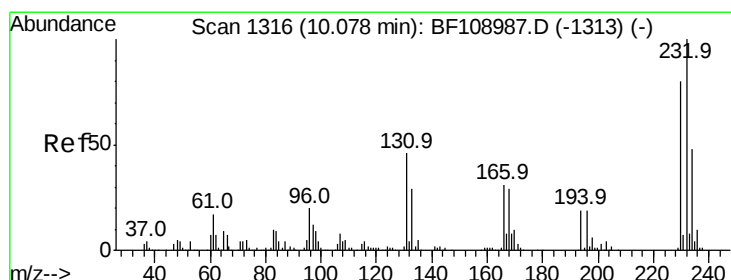
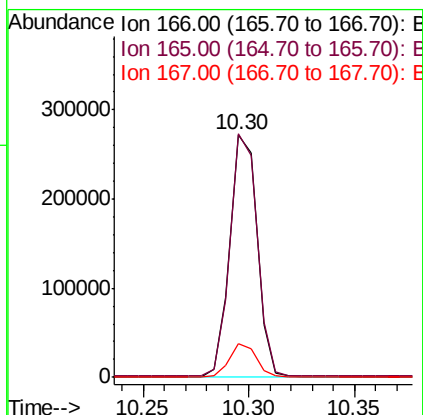
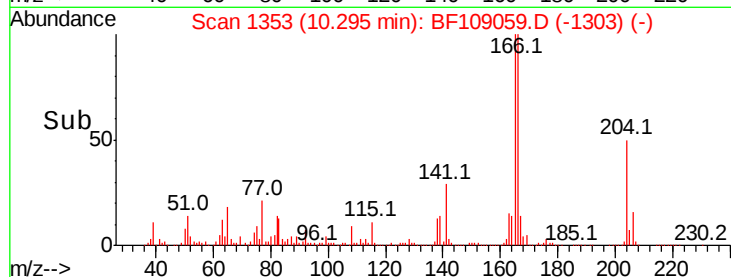
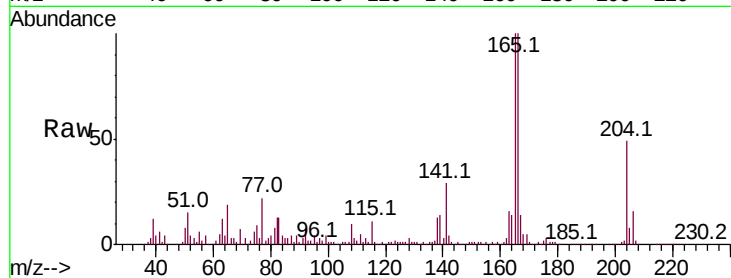
165 100.3 79.8 119.8

167 14.0 10.6 16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 17.074 ng

RT: 10.08 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:232 Resp: 65681

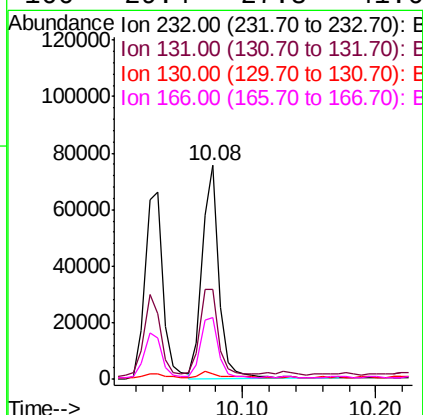
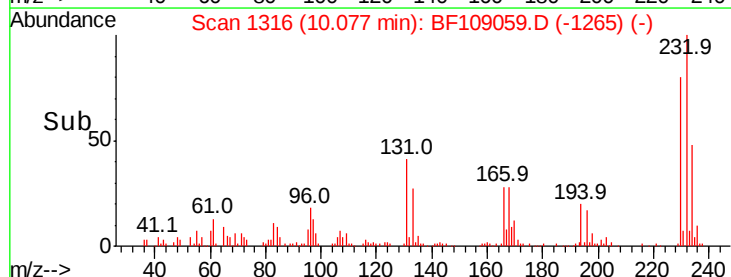
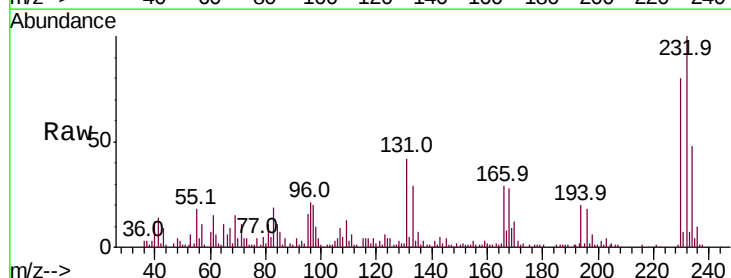
Ion Ratio Lower Upper

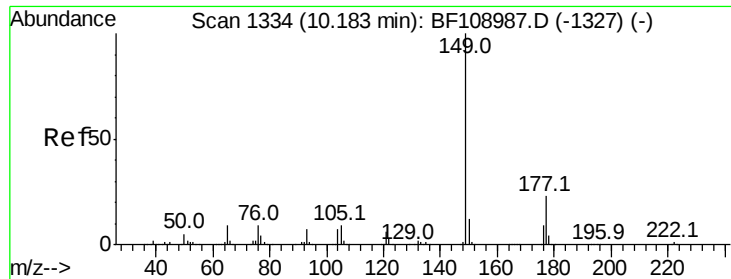
232 100

131 44.4 43.8 65.8

130 3.8 2.1 3.1#

166 29.4 27.8 41.6





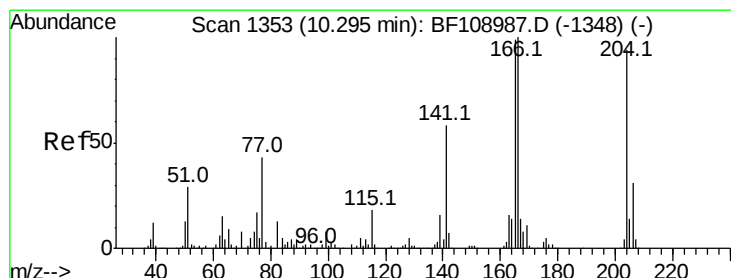
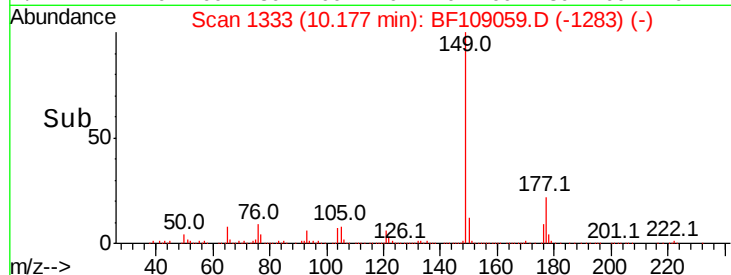
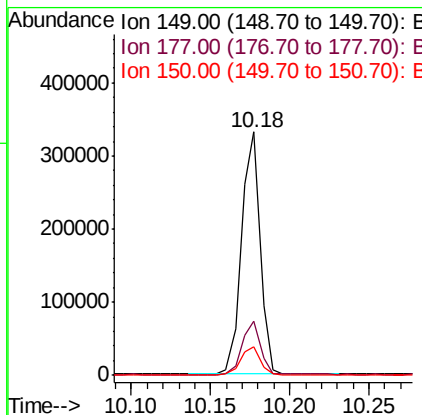
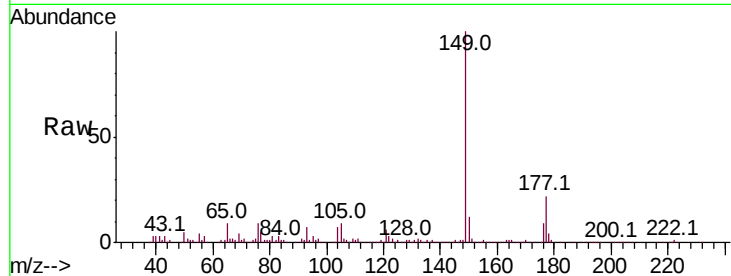
#59
Diethylphthalate
Concen: 17.827 ng
RT: 10.18 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion:	149	Resp:	270396
Ion Ratio	Lower	Upper	
149	100		
177	22.4	16.1	24.1
150	11.7	10.1	15.1

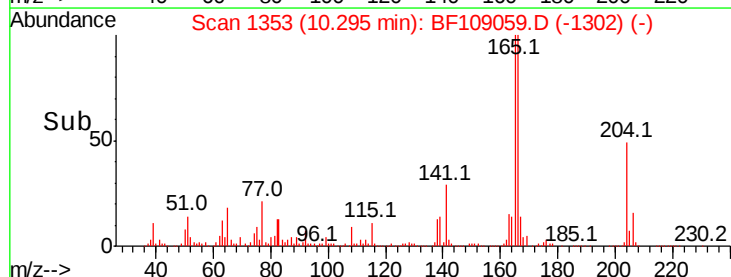
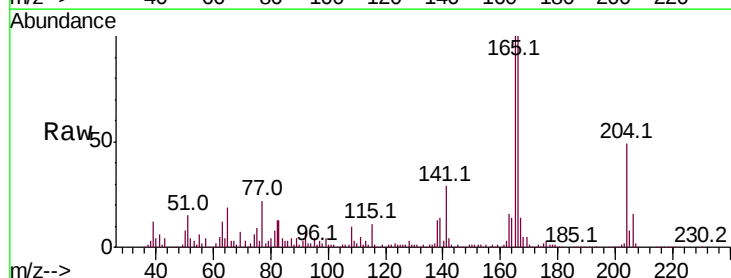
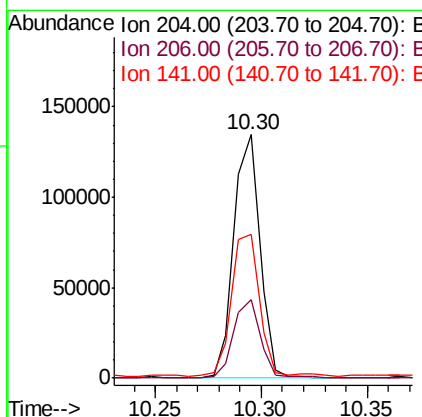
Manual Integrations
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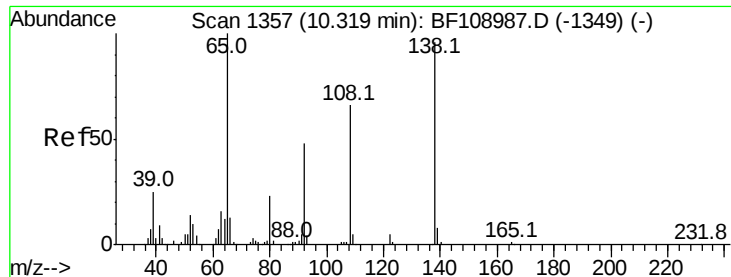
Sohil
9/18/2018 6:00:18 PM



#60
4-Chlorophenyl-phenylether
Concen: 17.737 ng
RT: 10.30 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion:	204	Resp:	115615
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.5	39.7
141	58.9	54.6	81.8





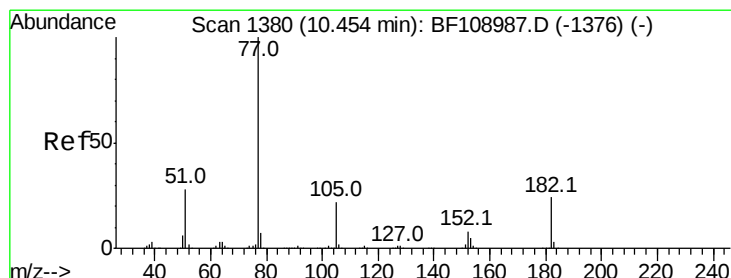
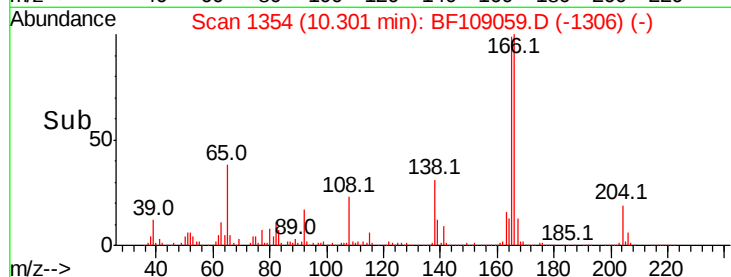
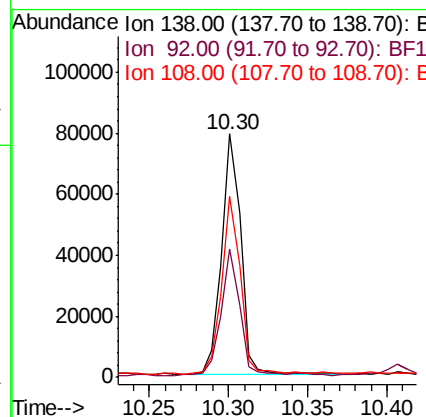
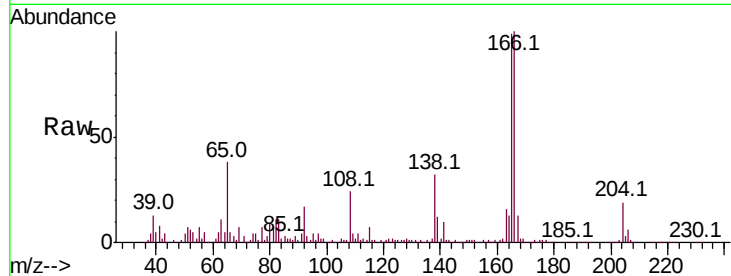
#61
4-Nitroaniline
Concen: 17.771 ng
RT: 10.30 min Scan# 1354
Delta R.T. -0.02 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampled :
RB12983RTMS

Tot Ion	Ratio	Lower	Upper
138	100		
92	52.8	30.2	70.2
108	74.1	52.5	92.5

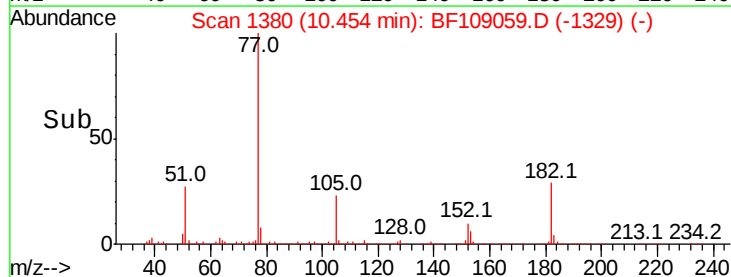
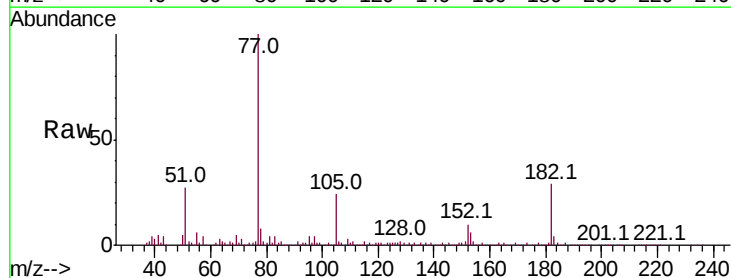
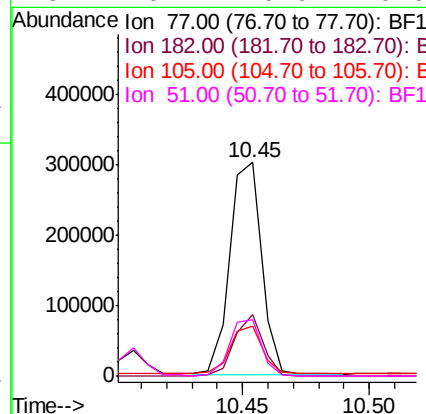
Manual Integrations
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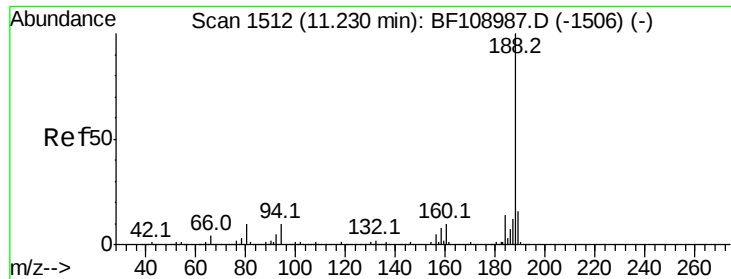
Sohil
9/18/2018 6:00:18 PM



#62
Azobenzene
Concen: 16.867 ng
RT: 10.45 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	23.5	3.0	43.0
51	26.7	9.9	49.9





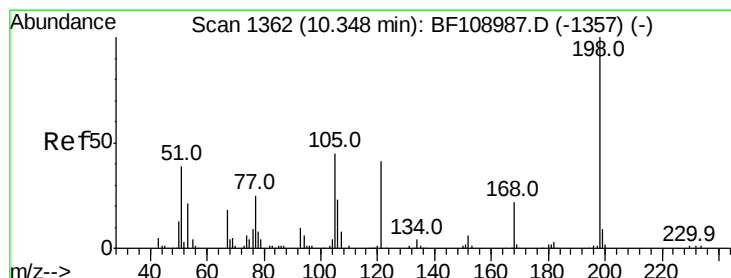
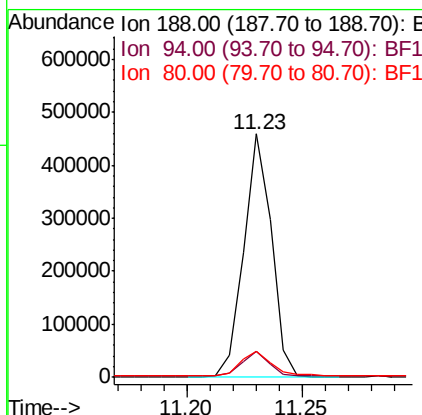
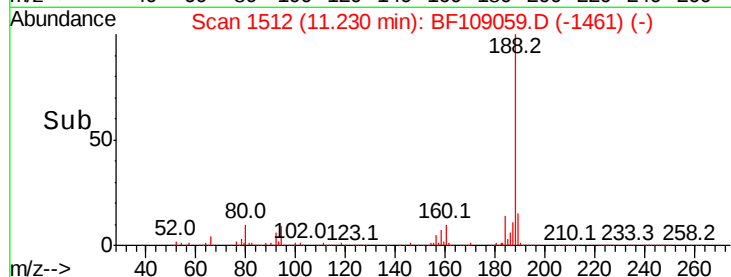
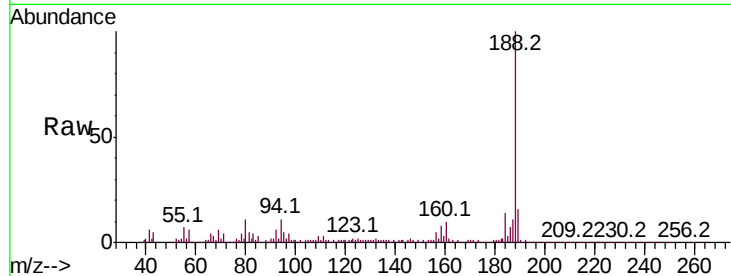
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.6	8.5	12.7
80	10.9	9.2	13.8

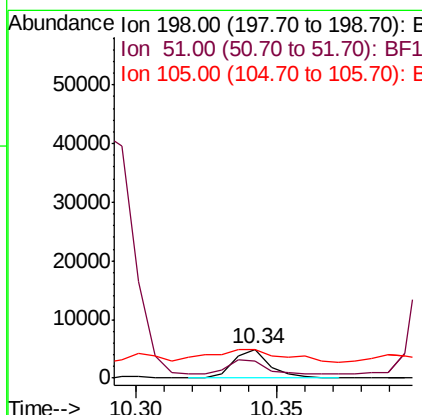
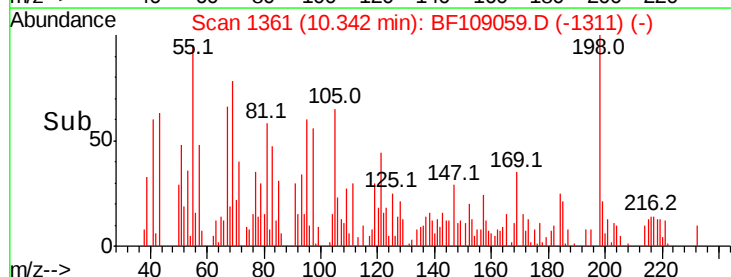
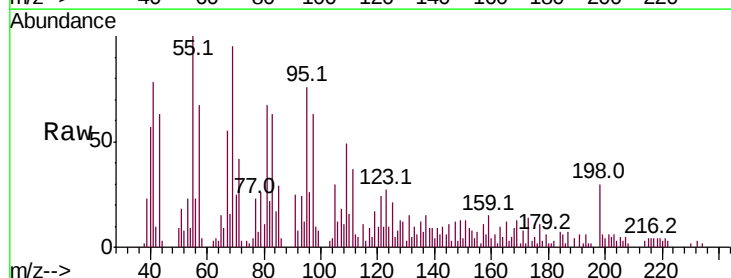
Manual Integrations
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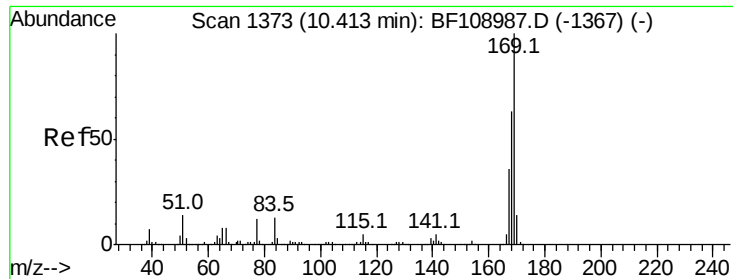
Sohil
9/18/2018 6:00:18 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 2.344 ng
RT: 10.34 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	58.6	37.7	77.7
105	100.7	36.3	76.3#





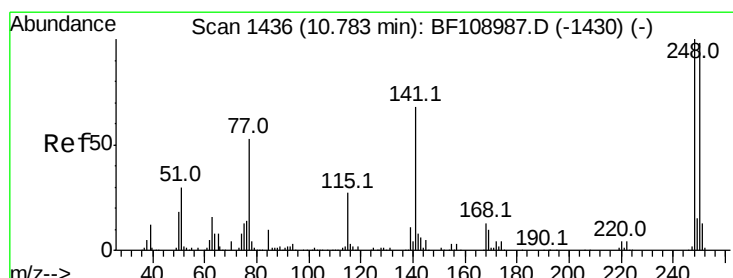
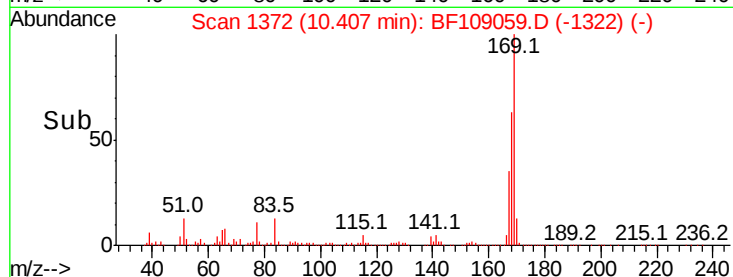
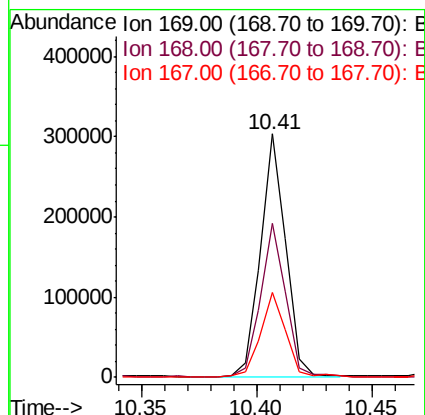
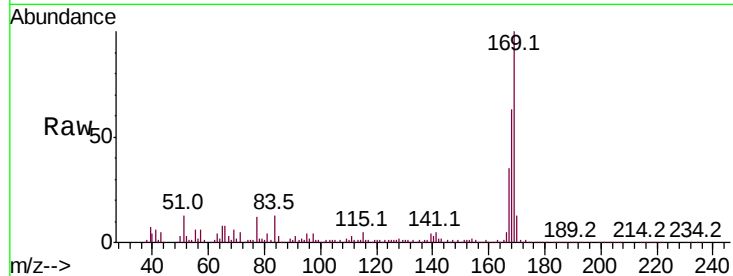
#65
n-Nitrosodiphenylamine
Concen: 18.465 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	232770		
168	63.4		54.4	81.6
167	34.9		29.8	44.6

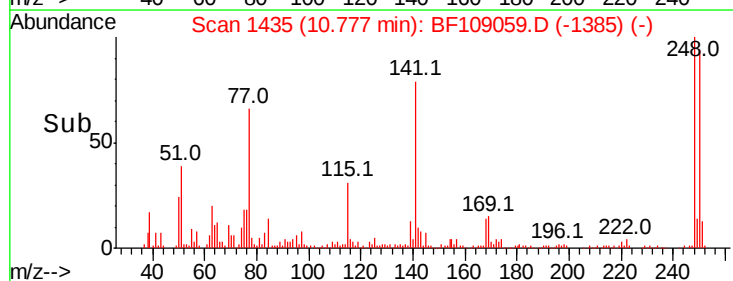
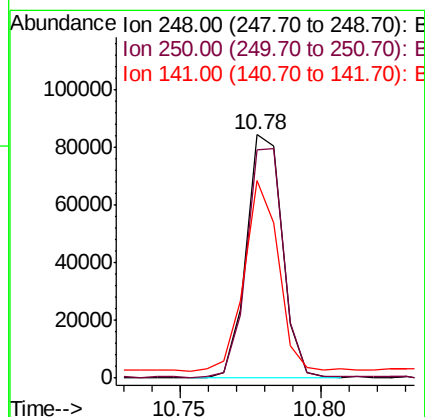
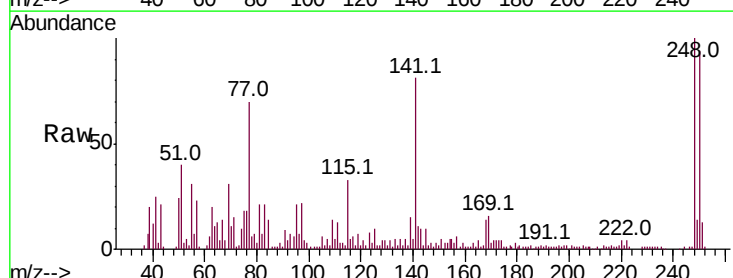
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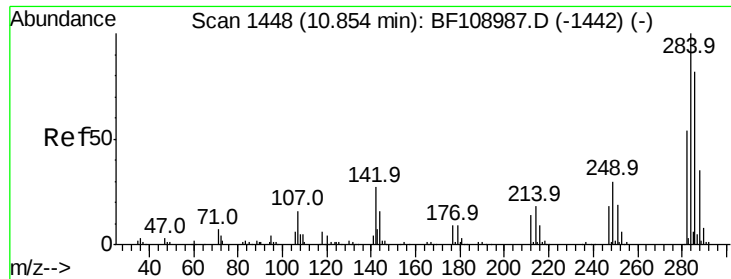
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 17.195 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	74706		
250	93.9		76.9	115.3
141	81.0		74.4	111.6





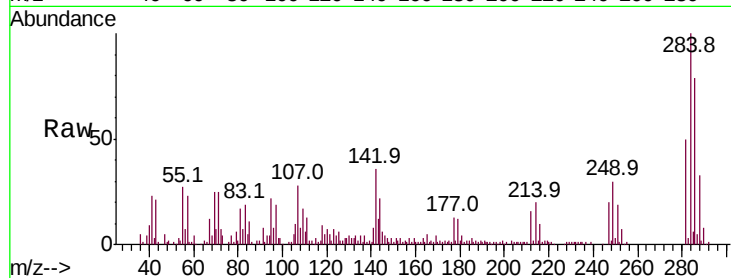
#67
Hexachlorobenzene
Concen: 17.000 ng
RT: 10.85 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	36.1	34.6	52.0	
249	30.5	24.8	37.2	

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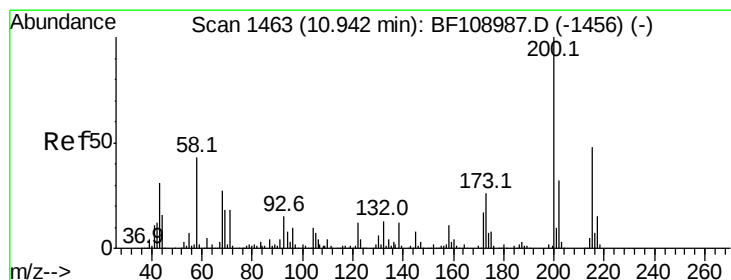
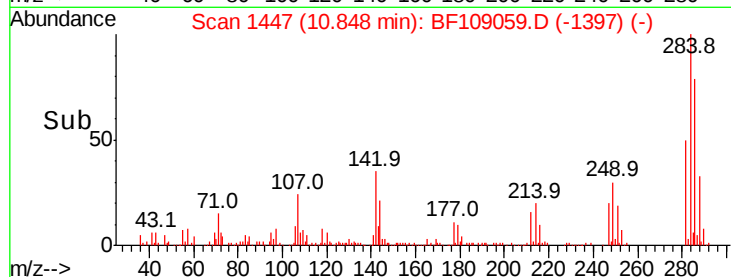
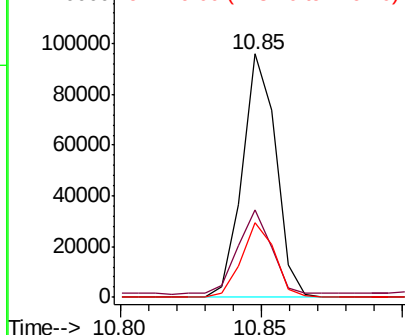


Abundance

Ion 283.80 (283.50 to 284.50): E

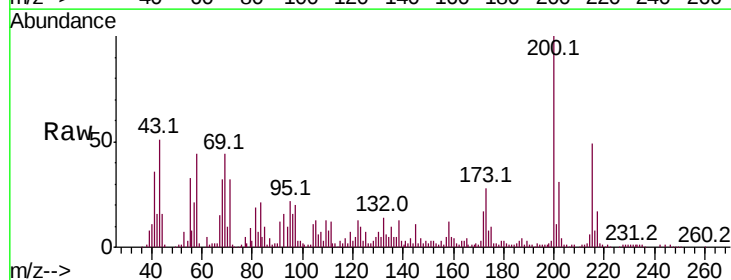
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68
Atrazine
Concen: 18.786 ng
RT: 10.94 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	27.7	8.6	48.6	
215	48.7	25.1	65.1	

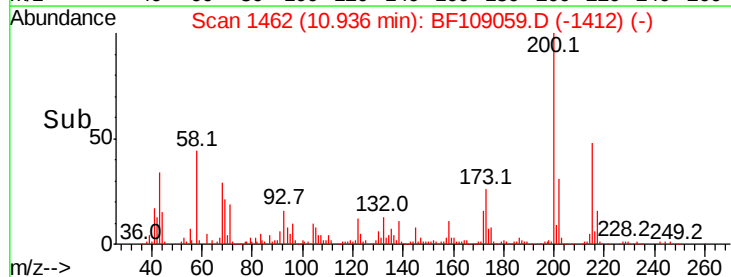
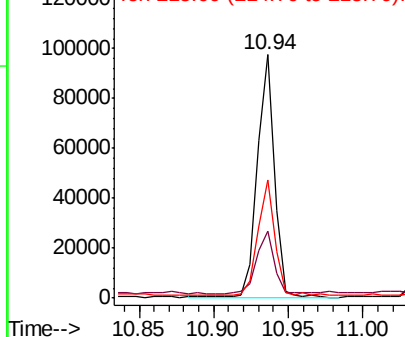


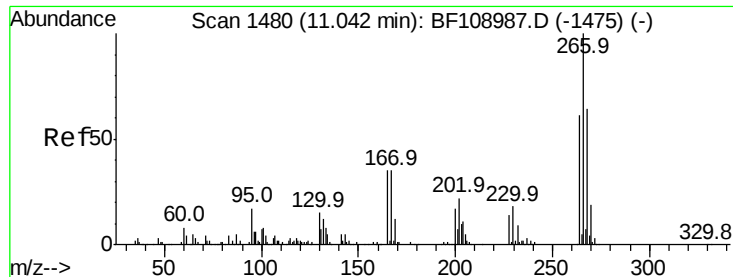
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





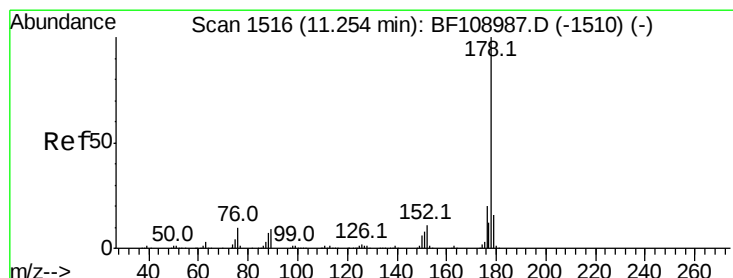
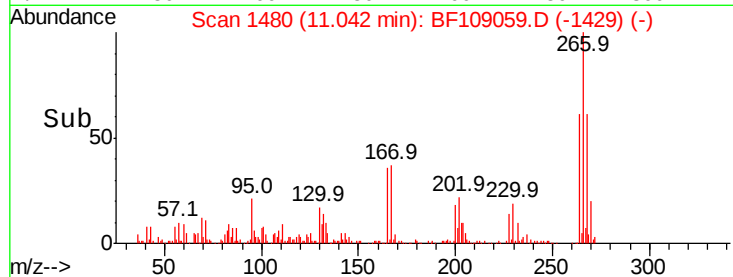
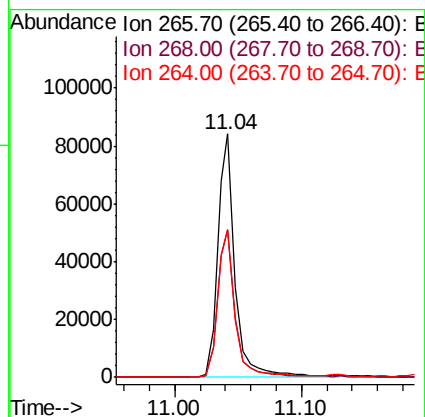
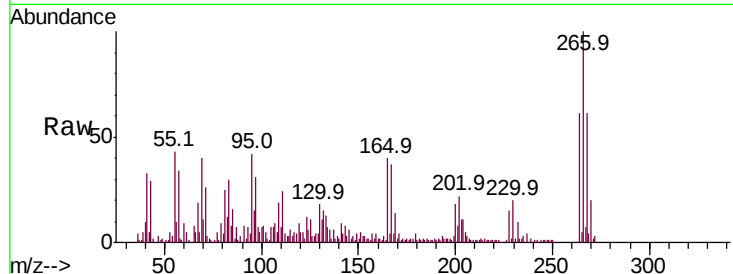
#69
 Pentachlorophenol
 Concen: 27.262 ng
 RT: 11.04 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Tot Ion:	266	Resp:	81058
Ion Ratio	Lower	Upper	
266	100		
268	60.7	51.1	76.7
264	60.8	49.5	74.3

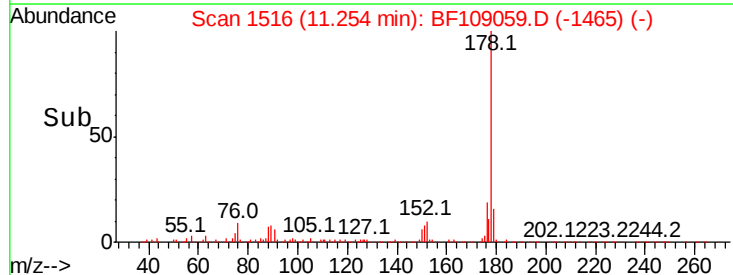
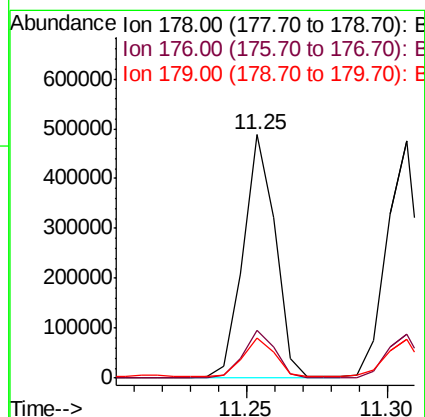
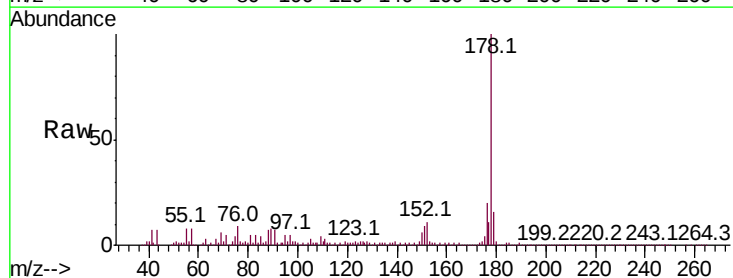
Manual Integrations
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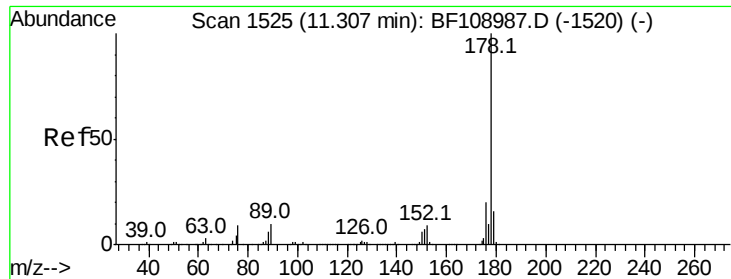
Sohil
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#70
 Phenanthrene
 Concen: 20.275 ng
 RT: 11.25 min Scan# 1516
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion:	178	Resp:	383038
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.8	23.8
179	16.2	13.0	19.6





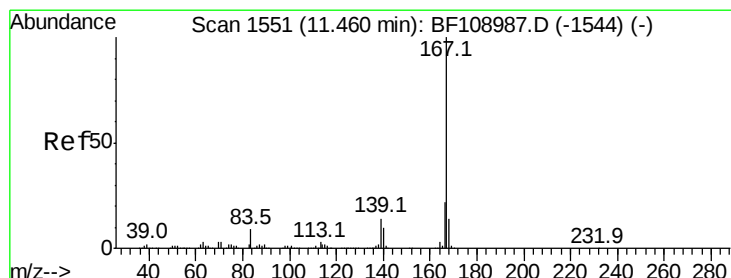
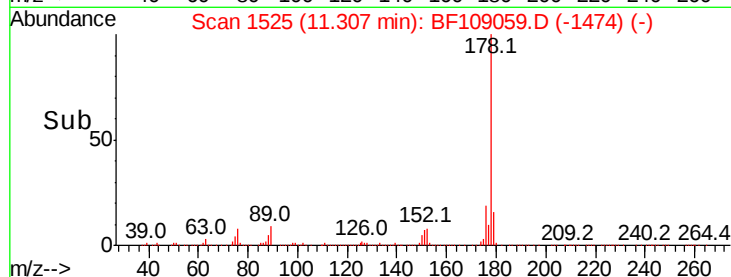
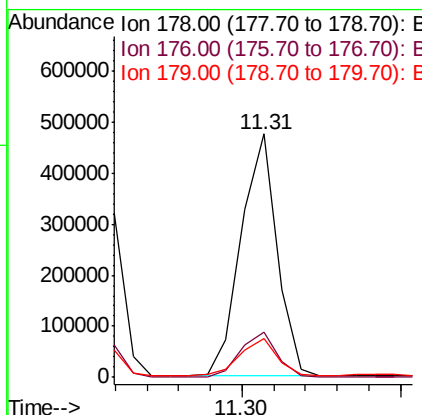
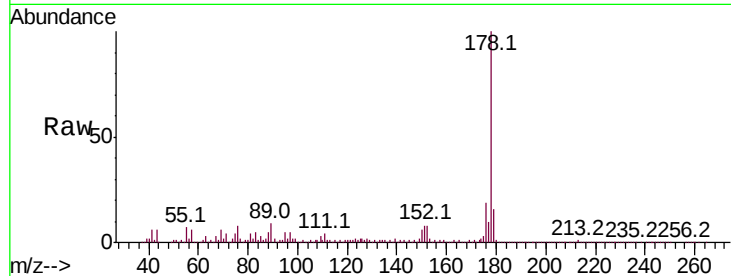
#71
 Anthracene
 Concen: 19.634 ng
 RT: 11.31 min Scan# 1525
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	16.1	12.6	19.0

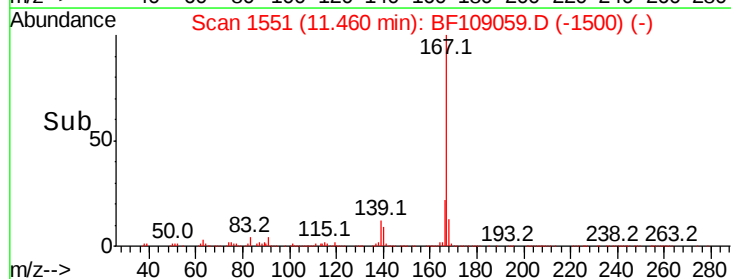
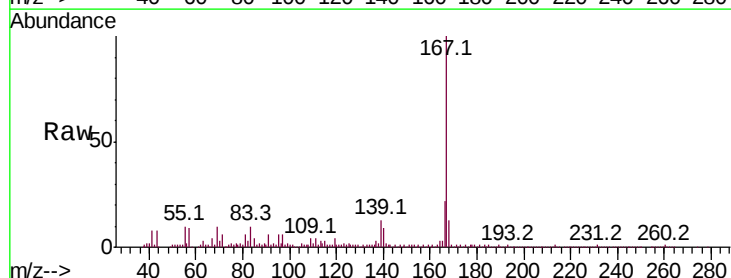
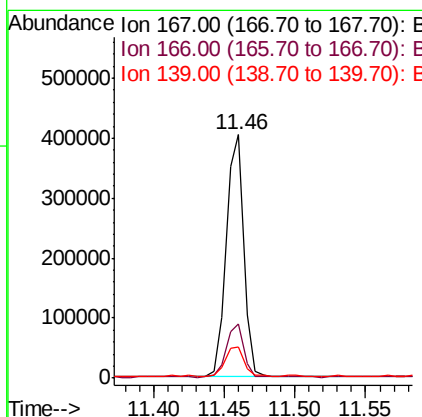
Manual Integrations
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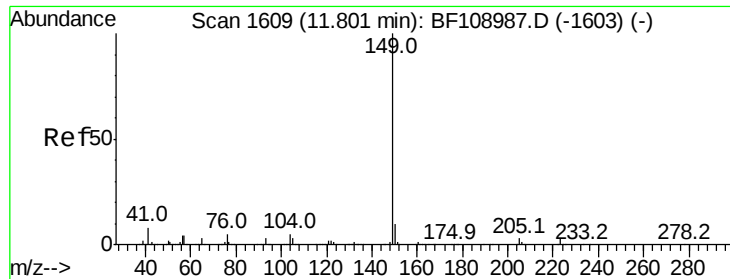
Sohil
 9/18/2018 6:00:18 PM



#72
 Carbazole
 Concen: 18.363 ng
 RT: 11.46 min Scan# 1551
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	13.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 18.821 ng

RT: 11.80 min Scan# 1609

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

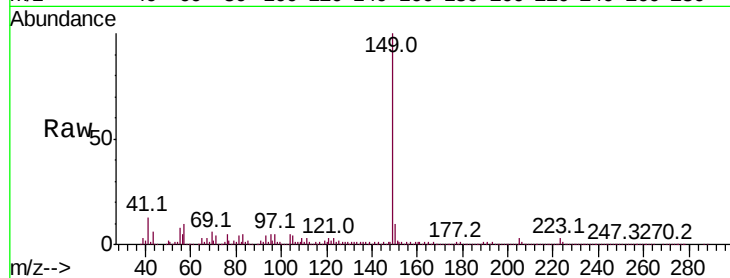
ClientSampleId :

RB12983RTMS

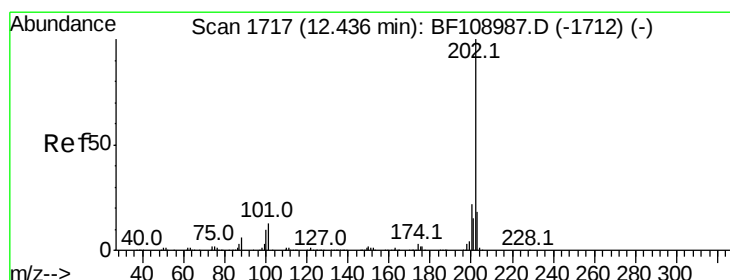
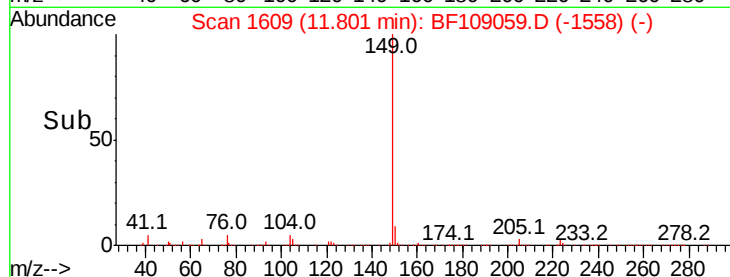
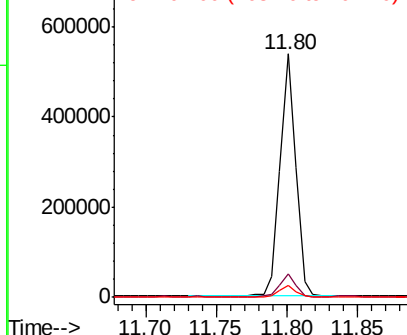
Tot Ion:	149	Resp:	417646
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.8	11.6
104	5.0	3.8	5.8

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



#74

Fluoranthene

Concen: 23.680 ng

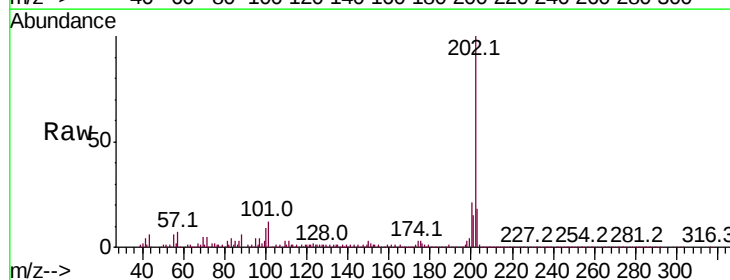
RT: 12.44 min Scan# 1717

Delta R.T. -0.00 min

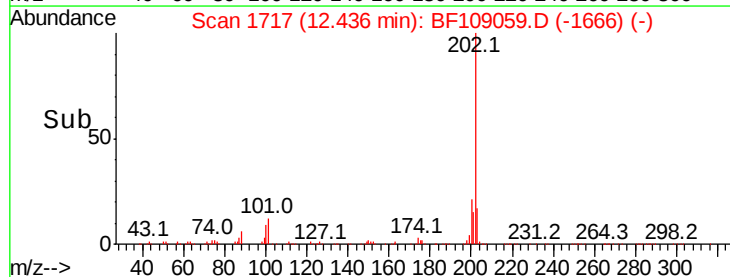
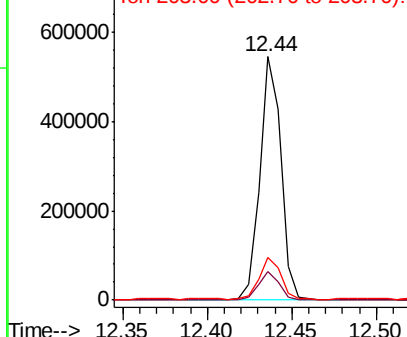
Lab File: BF109059.D

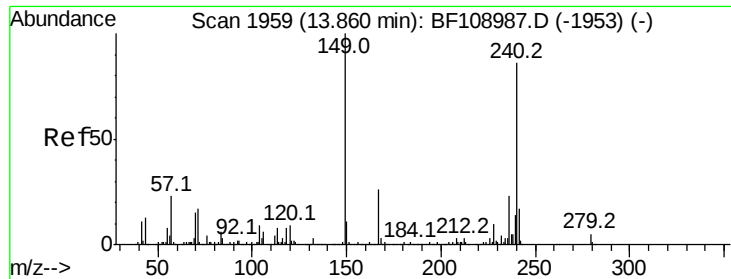
Acq: 17 Sep 2018 20:13

Tgt Ion:	202	Resp:	472281
Ion Ratio	Lower	Upper	
202	100		
101	11.7	0.0	34.1
203	17.7	0.0	38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

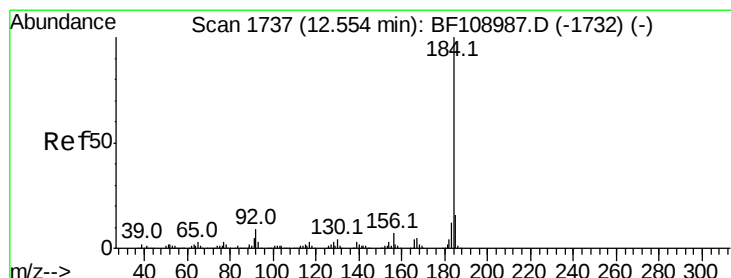
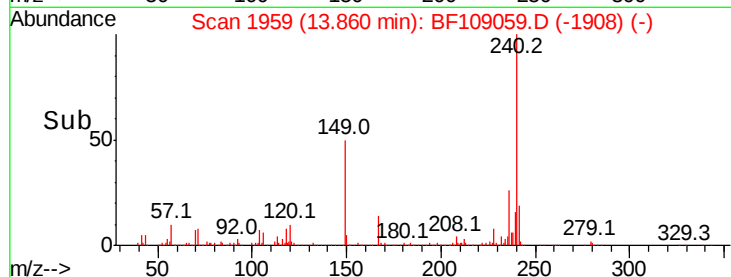
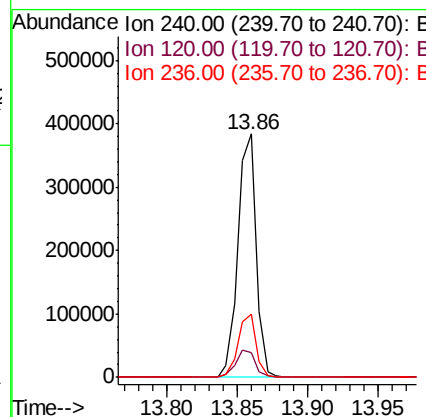
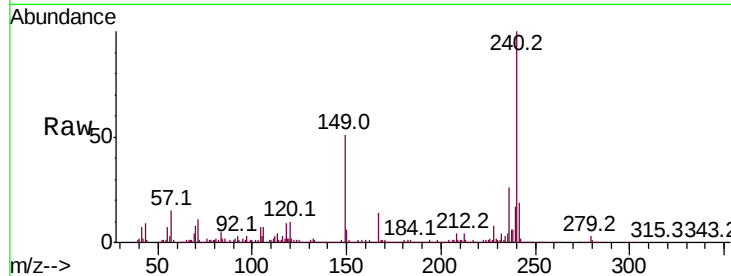
ClientSampled :

RB12983RTMS

Tot Ion:	240	Resp:	344257
Ion Ratio	Lower	Upper	
240	100		
120	10.0	9.5	14.3
236	25.8	20.7	31.1

Manual Integrations
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#76

Benzidine

Concen: 25.976 ng

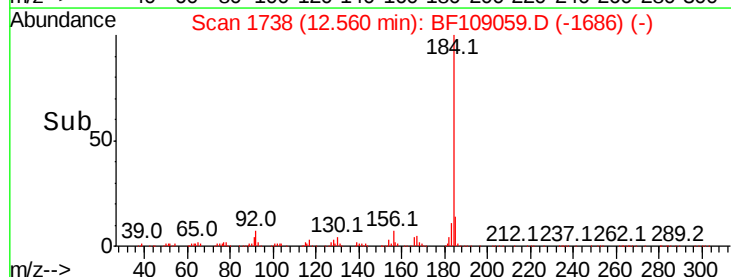
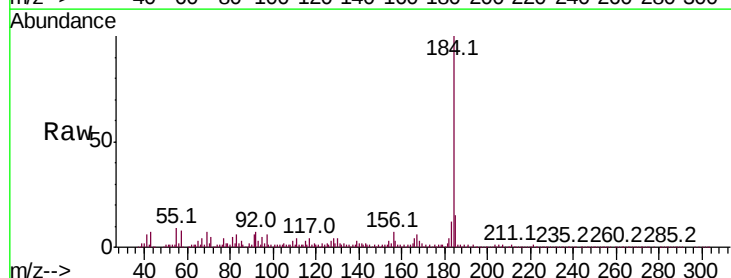
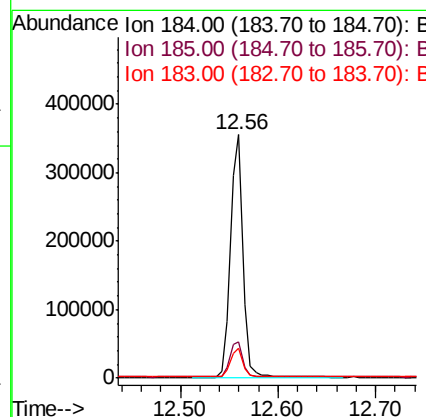
RT: 12.56 min Scan# 1738

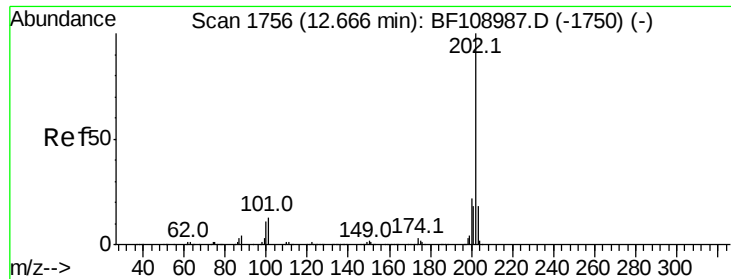
Delta R.T. 0.01 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion:	184	Resp:	316546
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.6	18.8
183	12.1	9.3	13.9





#77

Pvrene

Concen: 18.310 ng

RT: 12.67 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

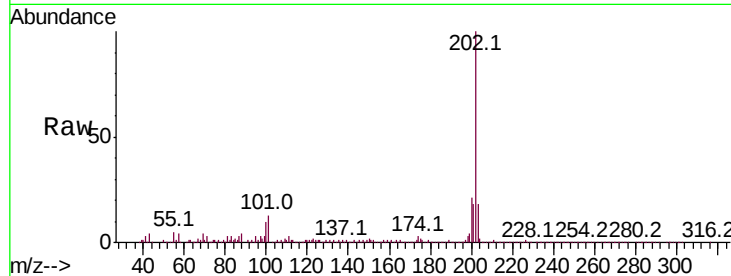
ClientSampleId :

RB12983RTMS

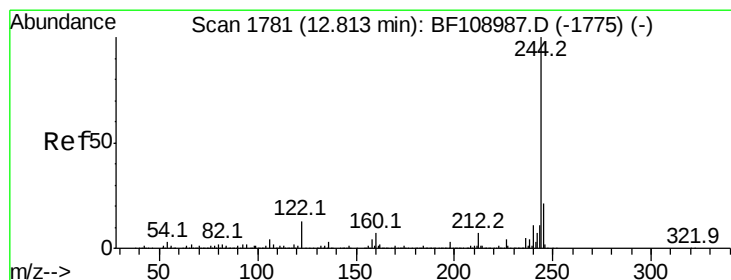
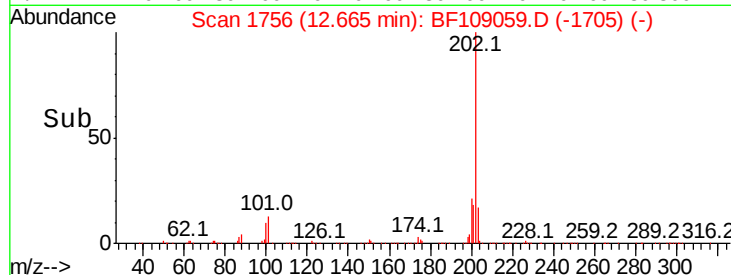
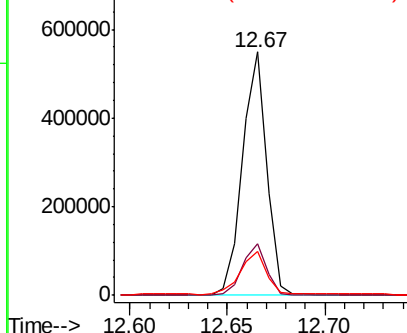
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.4	26.2
203	17.8	14.3	21.5

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



#78

Terphenyl-d14

Concen: 36.378 ng

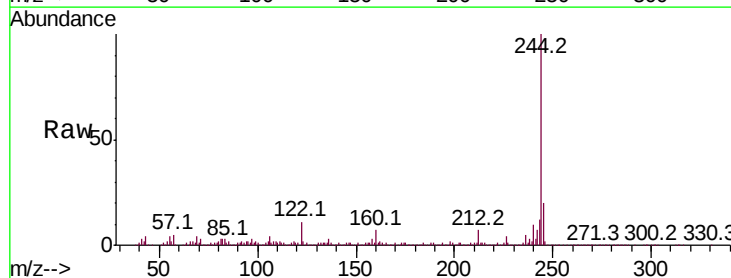
RT: 12.81 min Scan# 1781

Delta R.T. -0.00 min

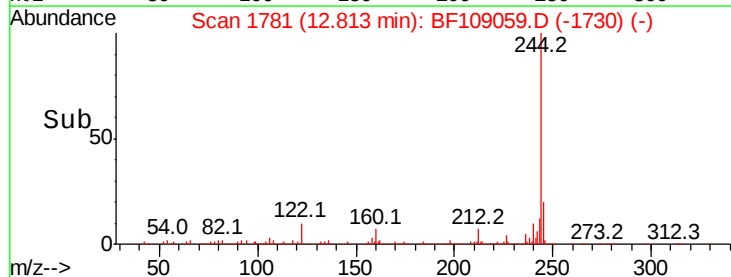
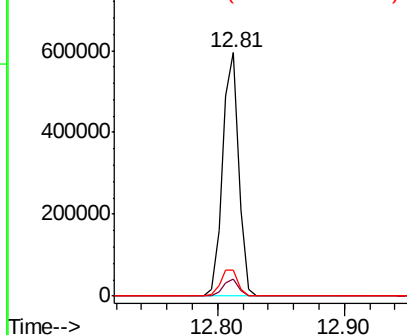
Lab File: BF109059.D

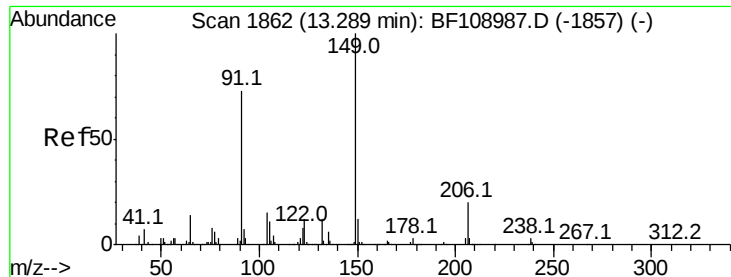
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.6	11.0	16.4#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





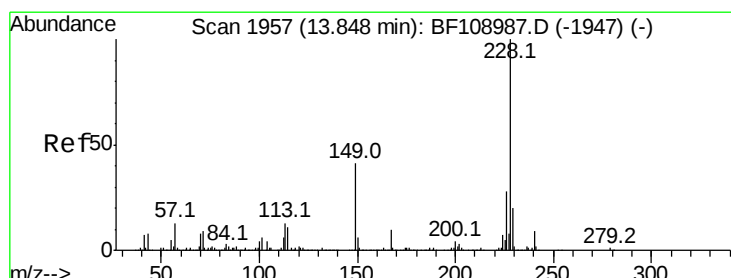
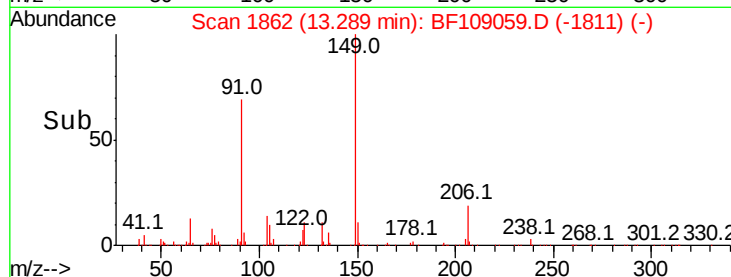
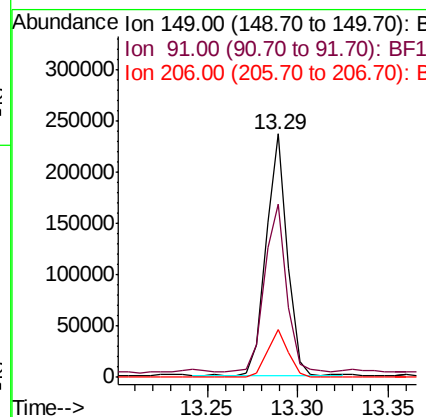
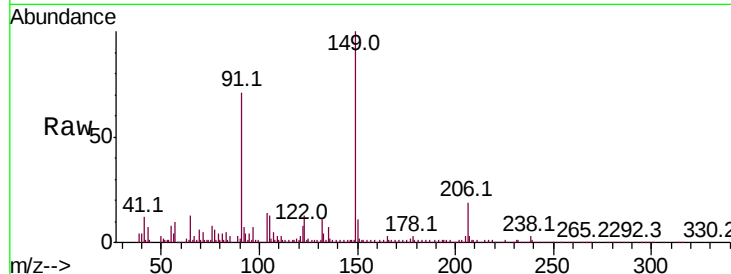
#79
Butylbenzylphthalate
Concen: 16.563 ng
RT: 13.29 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	189170		
91	71.3	56.8	85.2	
206	19.5	14.1	21.1	

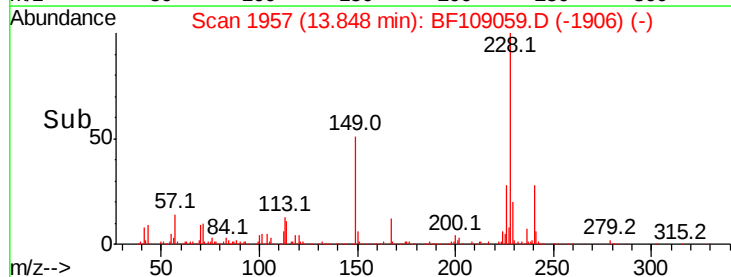
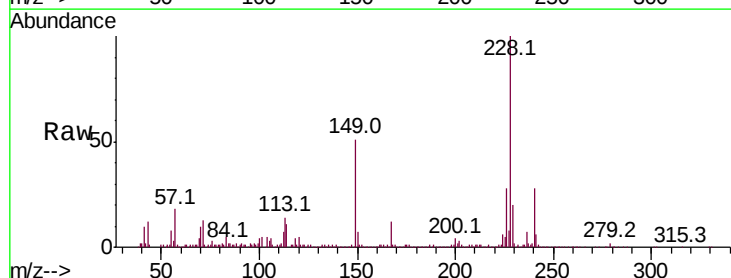
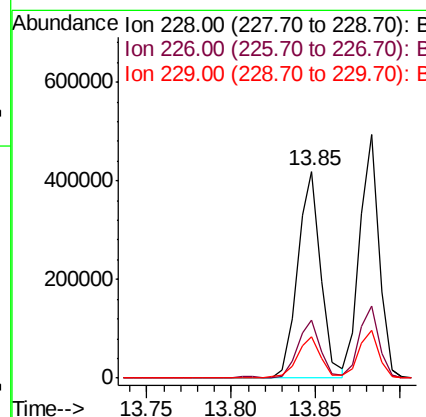
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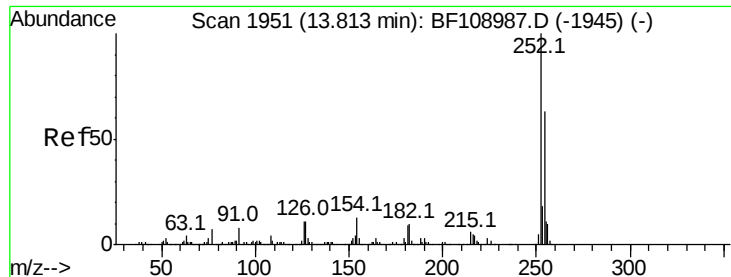
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#80
Benzo(a)anthracene
Concen: 19.195 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	400073		
226	28.2	22.6	33.8	
229	19.8	15.8	23.6	





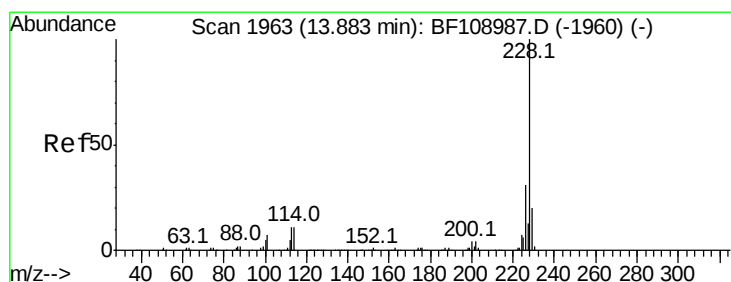
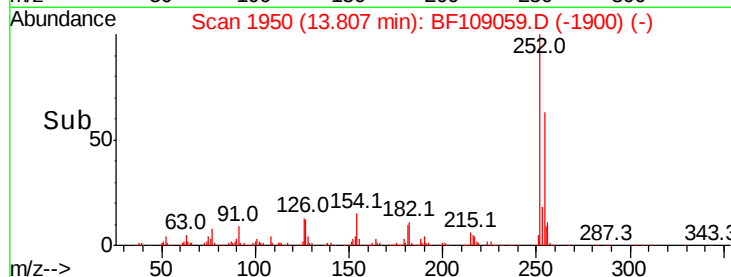
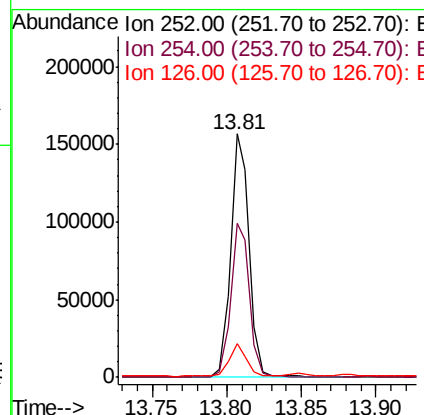
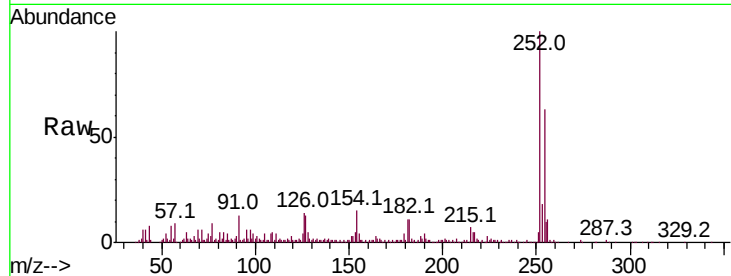
#81
 3,3'-Dichlorobenzidine
 Concen: 16.360 ng
 RT: 13.81 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	14.1	11.3	16.9

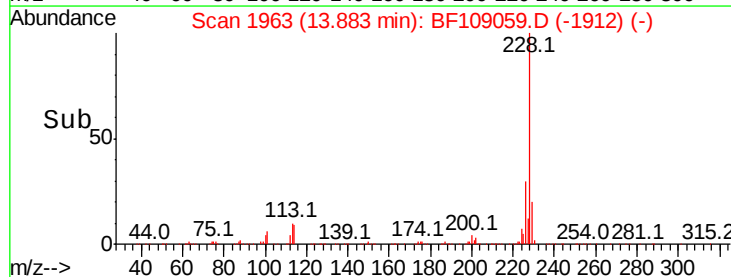
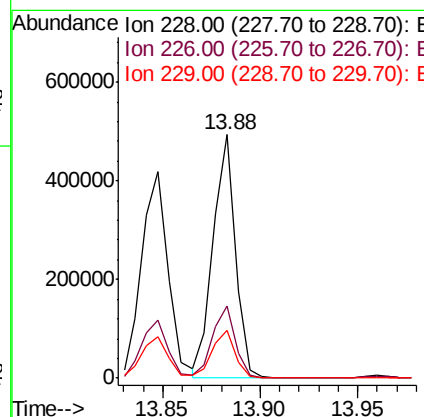
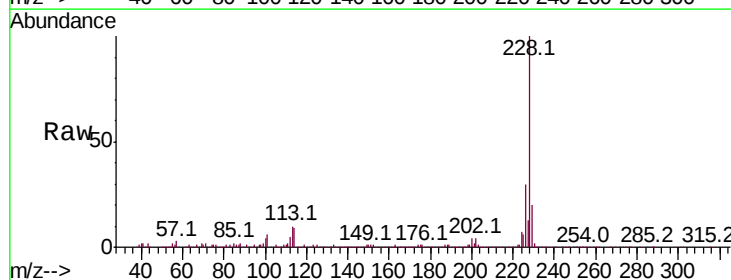
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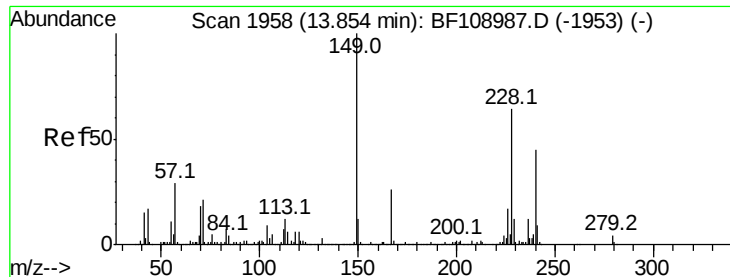
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#82
 Chrysene
 Concen: 18.829 ng
 RT: 13.88 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	25.0	37.6
229	19.8	16.2	24.4





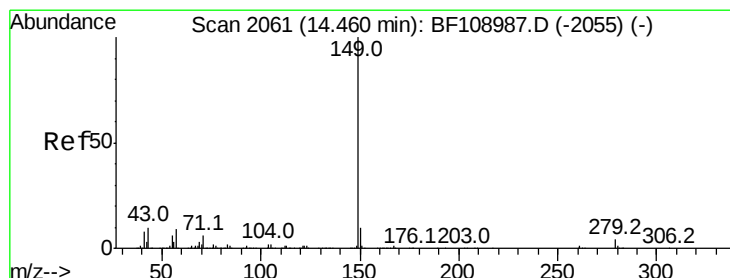
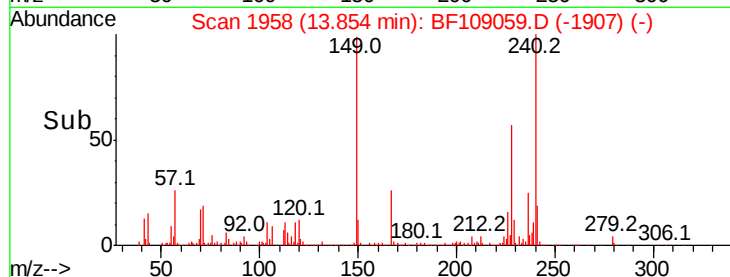
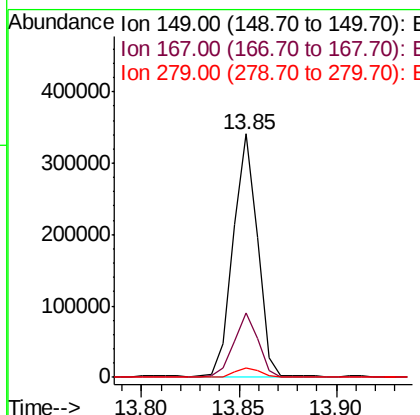
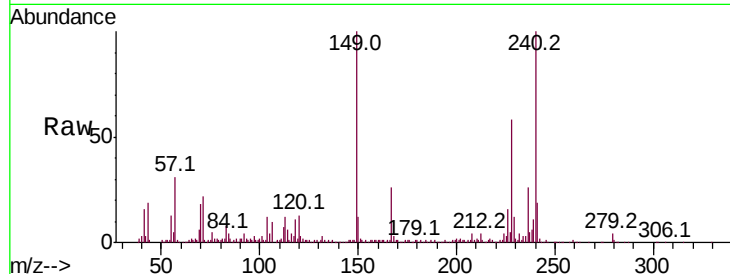
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.118 ng
 RT: 13.85 min Scan# 1958
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.3	31.9
279	3.8	3.0	4.4

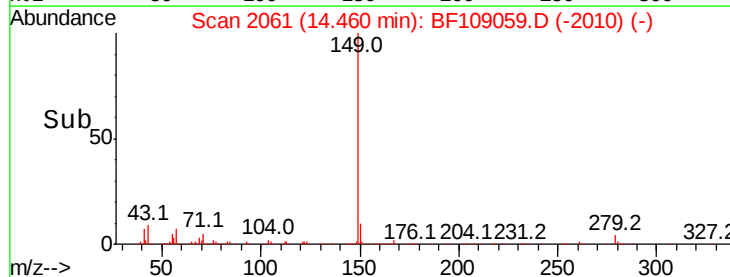
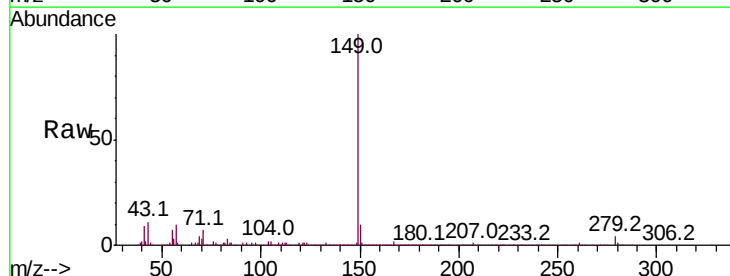
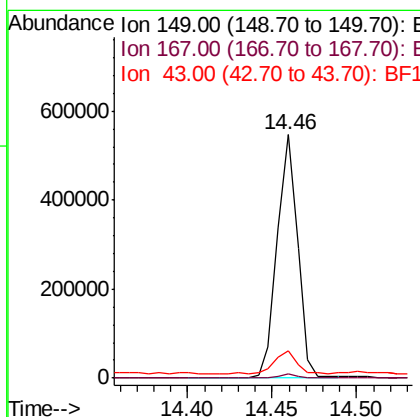
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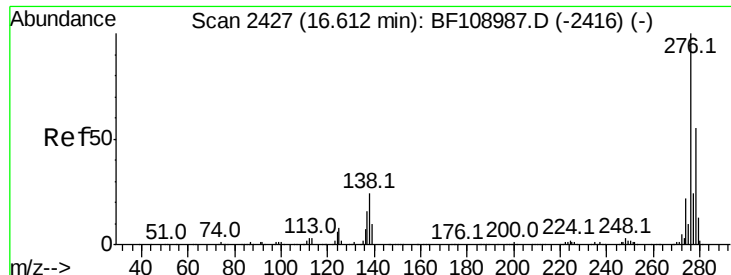
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#84
 Di-n-octyl phthalate
 Concen: 19.561 ng
 RT: 14.46 min Scan# 2061
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.2	1.8
43	10.0	8.4	12.6





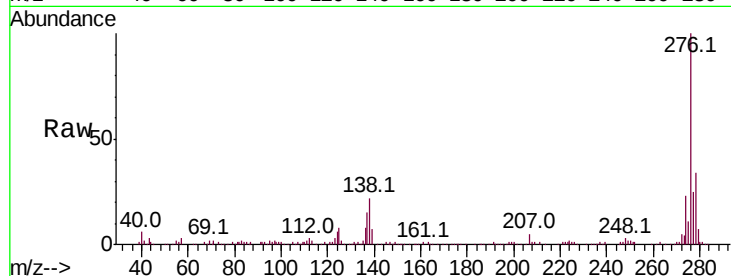
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.210 ng
 RT: 16.61 min Scan# 2426
 Delta R.T. -0.01 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

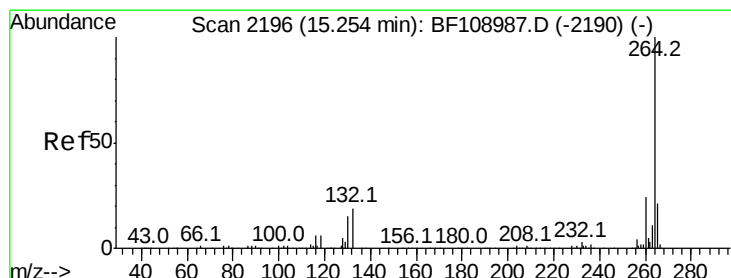
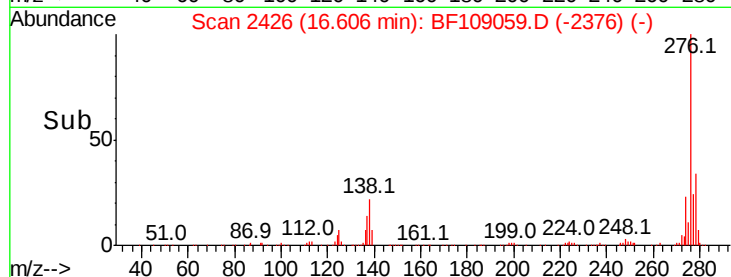
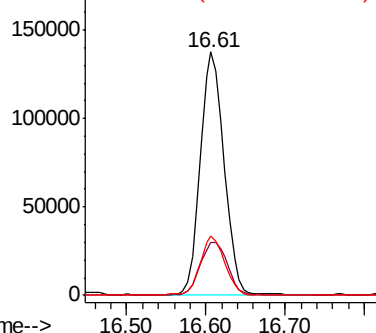
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.0	25.0	37.6
277	24.4	20.1	30.1

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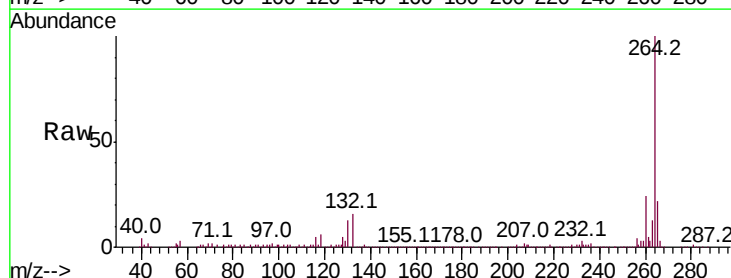


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

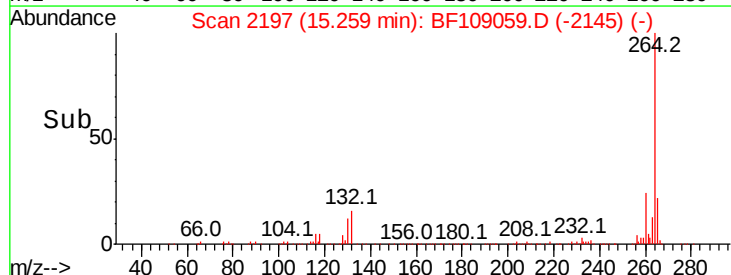
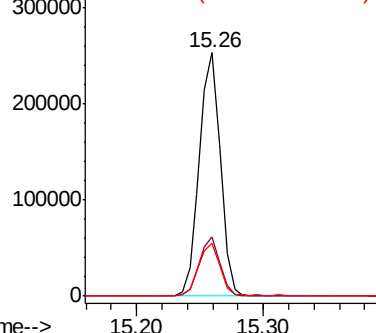


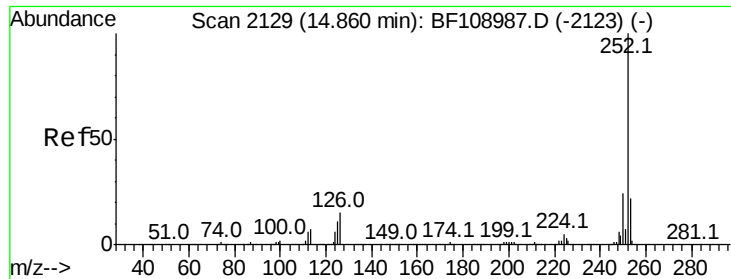
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2197
 Delta R.T. 0.01 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.9	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 23.108 ng

RT: 14.86 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Instrument :

BNA_F

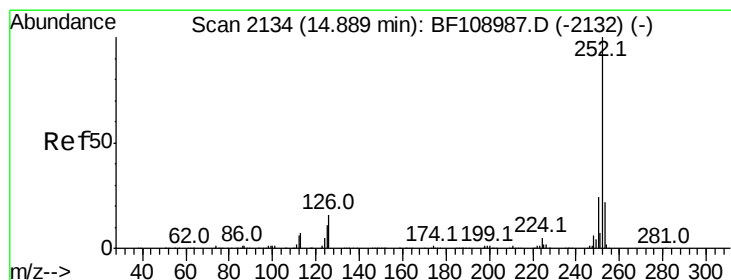
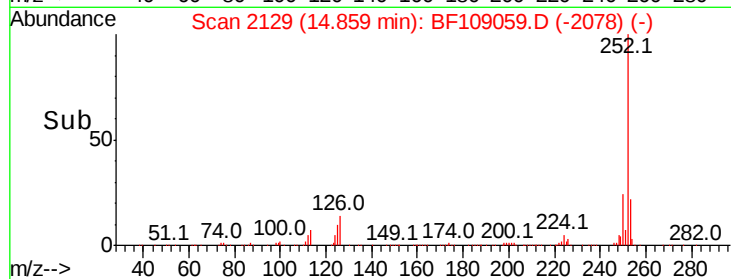
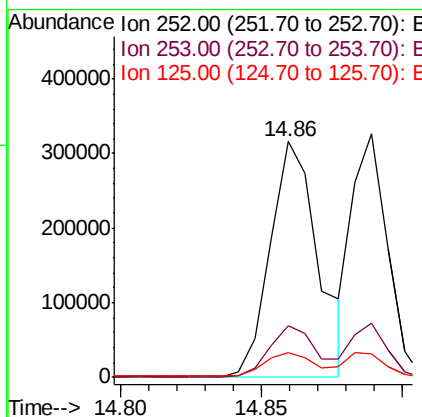
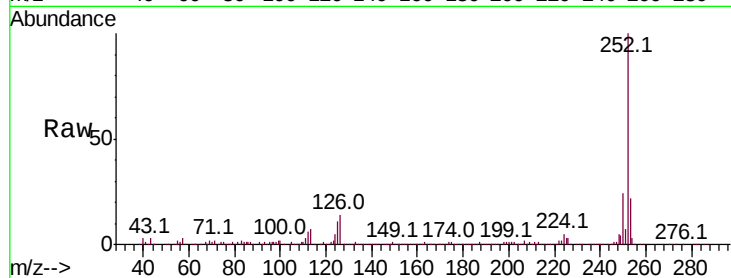
ClientSampleId :

RB12983RTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	10.8	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 18.911 ng m

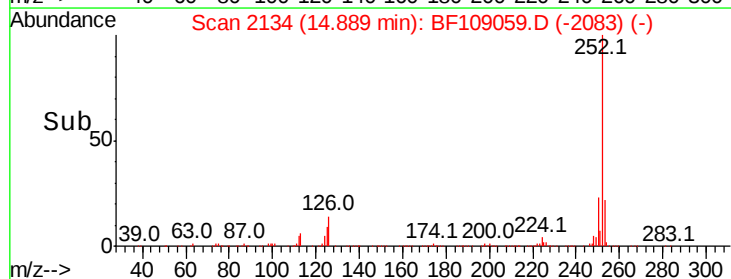
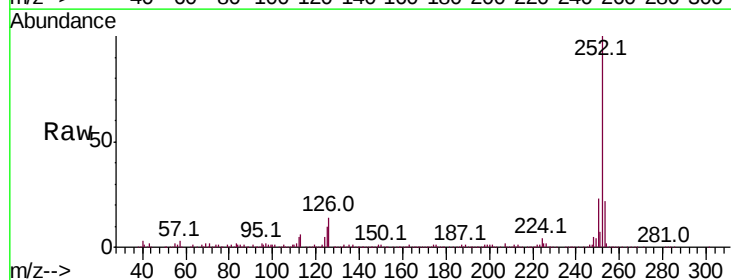
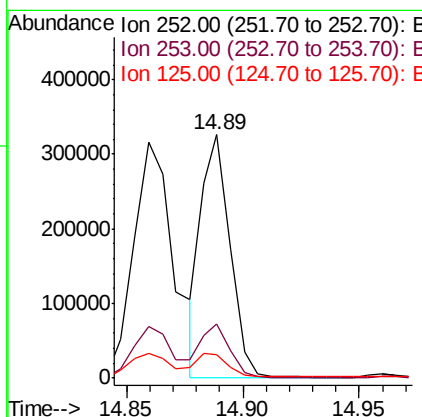
RT: 14.89 min Scan# 2134

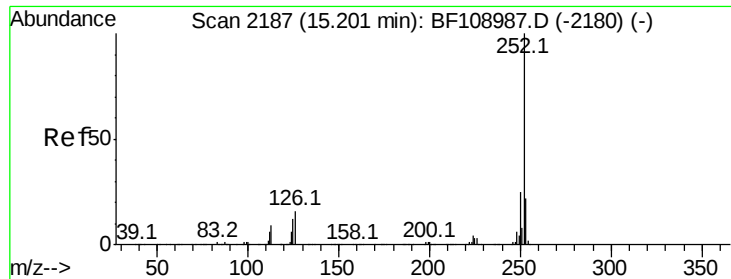
Delta R.T. -0.00 min

Lab File: BF109059.D

Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.9	26.9
125	9.7	10.2	15.2#





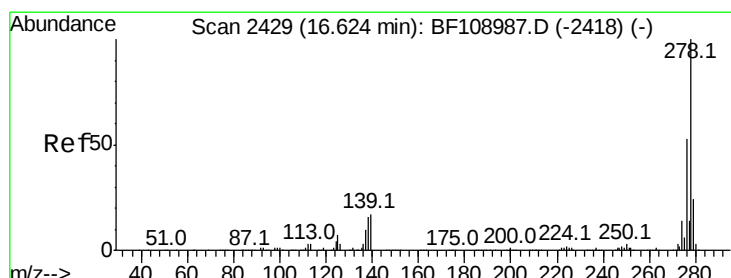
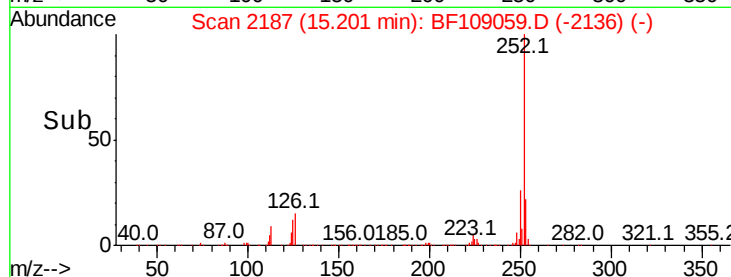
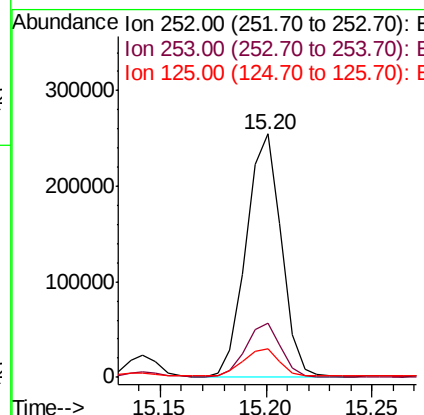
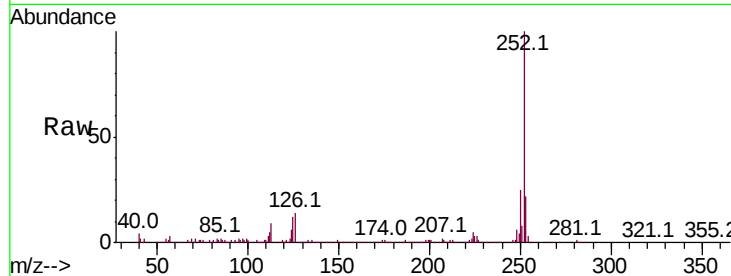
#89
Benzo(a)pyrene
Concen: 20.497 ng
RT: 15.20 min Scan# 2187
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Instrument :
BNA_F
ClientSampleId :
RB12983RTMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	11.9	9.8	14.6

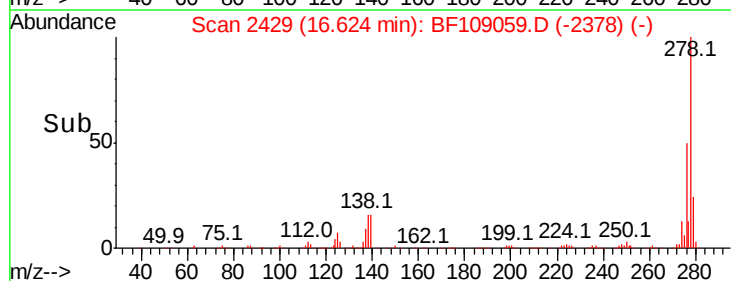
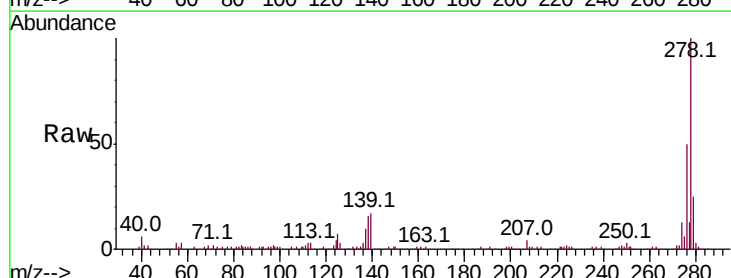
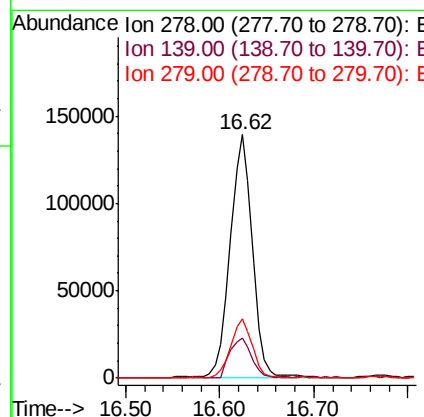
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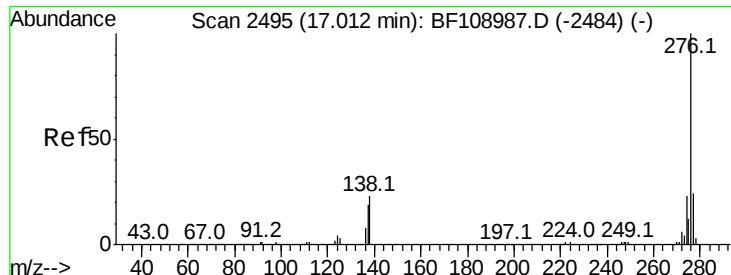
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#90
Dibenzo(a,h)anthracene
Concen: 18.850 ng
RT: 16.62 min Scan# 2429
Delta R.T. -0.00 min
Lab File: BF109059.D
Acq: 17 Sep 2018 20:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.6	15.9	23.9
279	24.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 19.403 ng
 RT: 17.01 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BF109059.D
 Acq: 17 Sep 2018 20:13

Instrument :
 BNA_F
 ClientSampleId :
 RB12983RTMS

Tot Ion:	276	Resp:	233774
Ion Ratio	Lower	Upper	
276	100		
277	23.0	17.9	26.9
138	21.5	21.8	32.8#

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