

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
 Data File : BF101518.D
 Acq On : 19 Dec 2017 13:23
 Operator : SJ/JU
 Sample : PB105116BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:47:42 PM

Quant Time: Dec 19 15:03:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	115744	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	463721	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	214138	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	404852	20.00	ng	0.00
75) Chrysene-d12	13.99	240	279647	20.00	ng	0.00
86) Perylene-d12	15.46	264	228448	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	886726	114.12	ng	0.02
7) Phenol-d6	6.46	99	1024679	105.96	ng	0.00
23) Nitrobenzene-d5	7.38	82	658616	79.06	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	260636	126.31	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1170243	84.77	ng	0.00
78) Terphenyl-d14	12.92	244	1171439	100.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	132225	33.117	ng	94
3) Pyridine	3.39	79	350848	31.628	ng	93
4) n-Nitrosodimethylamine	3.33	42	172212	33.717	ng	99
6) Aniline	6.48	93	275341	20.489	ng	# 81
8) 2-Chlorophenol	6.60	128	309982	37.924	ng	97
9) Benzaldehyde	6.37	77	181040	25.349	ng	96
10) Phenol	6.47	94	376394	34.149	ng	86
11) bis(2-Chloroethyl)ether	6.55	93	308290	35.659	ng	96
12) 1,3-Dichlorobenzene	6.75	146	345145	37.413	ng	98
13) 1,4-Dichlorobenzene	6.83	146	351199	37.280	ng	98
14) 1,2-Dichlorobenzene	6.98	146	321755	37.944	ng	97
15) Benzyl Alcohol	6.96	79	233079	35.017	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	506894	38.309	ng	55
17) 2-Methylphenol	7.07	107	249753	33.217	ng	# 90
18) Hexachloroethane	7.31	117	121355	37.052	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	215644	33.956	ng	94
20) 3+4-Methylphenols	7.23	107	331126	41.560	ng	92
22) Acetophenone	7.22	105	428478	40.495	ng	# 95
24) Nitrobenzene	7.40	77	328993	35.684	ng	99
25) Isophorone	7.63	82	601208	35.976	ng	99
26) 2-Nitrophenol	7.72	139	170643	43.081	ng	94
27) 2,4-Dimethylphenol	7.75	122	282632	42.001	ng	97
28) bis(2-Chloroethoxy)methane	7.84	93	387499	36.503	ng	99
29) 2,4-Dichlorophenol	7.96	162	272877	41.046	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	273875	39.037	ng	97
31) Naphthalene	8.12	128	871383	37.326	ng	99
32) Benzoic acid	7.88	122	43220	15.912	ng	94
33) 4-Chloroaniline	8.17	127	166014	16.361	ng	99
34) Hexachlorobutadiene	8.22	225	156088	38.467	ng	99
35) Caprolactam	8.55	113	86405m	37.430	ng	
36) 4-Chloro-3-methylphenol	8.66	107	275497	37.703	ng	99
37) 2-Methylnaphthalene	8.80	142	591337	38.878	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	286244	39.592	ng	97
40) Hexachlorocyclopentadiene	8.95	237	87997	64.077	ng	97

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
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 Sample : PB105116BS
 Misc :
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:47:42 PM

Quant Time: Dec 19 15:03:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 18 15:38:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	175225	40.258	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	178295	37.411	nq	96
45) 1,1'-Biphenyl	9.27	154	723359	38.090	nq	97
46) 2-Chloronaphthalene	9.30	162	541821	37.287	nq	97
47) 2-Nitroaniline	9.40	65	182537	36.364	nq	96
48) Acenaphthylene	9.71	152	814908	35.506	nq	100
49) Dimethylphthalate	9.57	163	605024	35.126	nq	100
50) 2,6-Dinitrotoluene	9.65	165	137576	39.299	nq	96
51) Acenaphthene	9.88	154	492866	35.743	nq	100
52) 3-Nitroaniline	9.82	138	112362	25.744	nq	98
53) 2,4-Dinitrophenol	9.95	184	24627	27.913	nq #	13
54) Dibenzofuran	10.06	168	694012	39.604	nq	100
55) 4-Nitrophenol	10.00	139	129219	67.898	nq	89
56) 2,4-Dinitrotoluene	10.06	165	169945	43.087	nq #	86
57) Fluorene	10.40	166	579299	39.078	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.19	232	142340	41.571	nq #	85
59) Diethylphthalate	10.27	149	631268	37.009	nq	97
60) 4-Chlorophenyl-phenylether	10.39	204	281953	39.686	nq	91
61) 4-Nitroaniline	10.43	138	143483	32.706	nq	94
62) Azobenzene	10.54	77	605892	34.290	nq	96
64) 4,6-Dinitro-2-methylphenol	10.47	198	39667	19.200	nq	87
65) n-Nitrosodiphenylamine	10.51	169	540536	36.159	nq	95
66) 4-Bromophenyl-phenylether	10.87	248	180006	39.570	nq	91
67) Hexachlorobenzene	10.95	284	187831	39.013	nq #	90
68) Atrazine	11.04	200	182312	40.901	nq	97
69) Pentachlorophenol	11.16	266	96971	54.105	nq	99
70) Phenanthrene	11.36	178	836964	37.175	nq	99
71) Anthracene	11.42	178	877386	38.151	nq	100
72) Carbazole	11.58	167	768082	35.672	nq	99
73) Di-n-butylphthalate	11.89	149	981171	37.544	nq	99
74) Fluoranthene	12.56	202	877859	37.147	nq	99
76) Benzidine	12.68	184	307808	26.061	nq	99
77) Pyrene	12.79	202	894784	42.634	nq	99
79) Butylbenzylphthalate	13.39	149	383498	40.384	nq	95
80) Benzo(a)anthracene	13.98	228	696629	37.726	nq	100
81) 3,3'-Dichlorobenzidine	13.94	252	149579	24.843	nq #	97
82) Chrysene	14.02	228	667940	38.311	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	480306	39.932	nq	98
84) Di-n-octyl phthalate	14.56	149	735977	34.309	nq	99
85) Indeno(1,2,3-cd)pyrene	16.95	276	587899	37.866	nq	96
87) Benzo(b)fluoranthene	15.03	252	533313	38.301	nq	98
88) Benzo(k)fluoranthene	15.06	252	514036m	37.969	nq	
89) Benzo(a)pyrene	15.40	252	501531	39.071	nq	98
90) Dibenzo(a,h)anthracene	16.95	278	486331	44.127	nq	97
91) Benzo(g,h,i)perylene	17.40	276	536160	49.129	nq	94

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

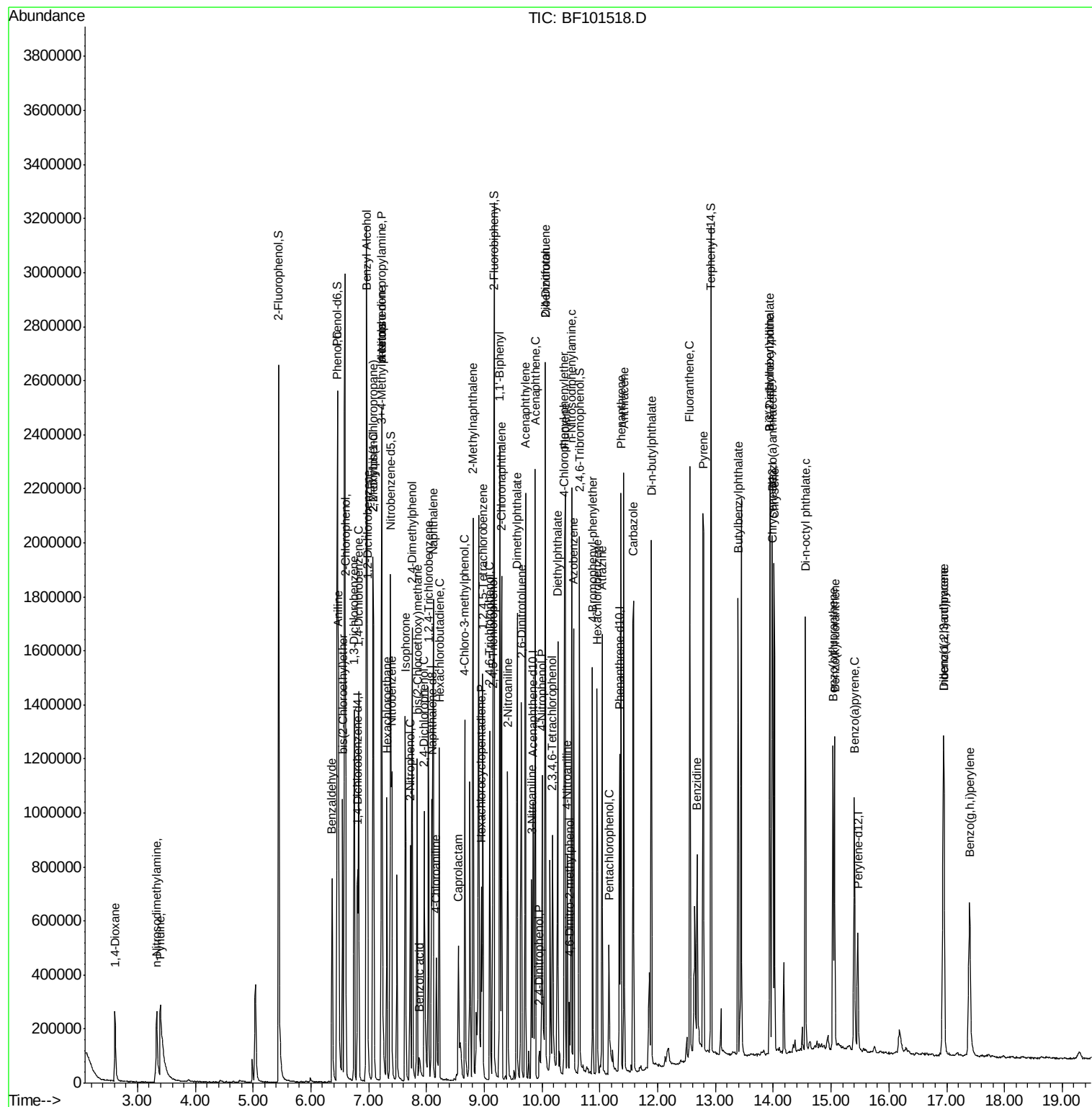
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101518.D
Acq On : 19 Dec 2017 13:23
Operator : SJ/JU
Sample : PB105116BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

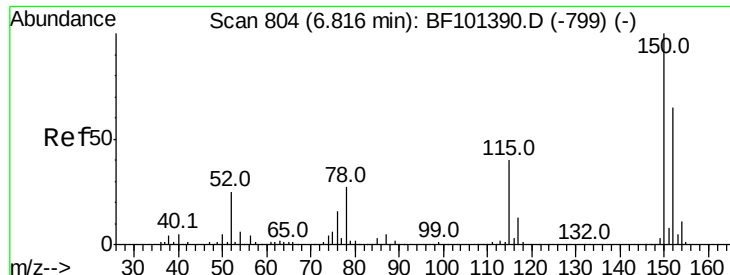
Instrument :
BNA_F
ClientSampleId :
PB105116BS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

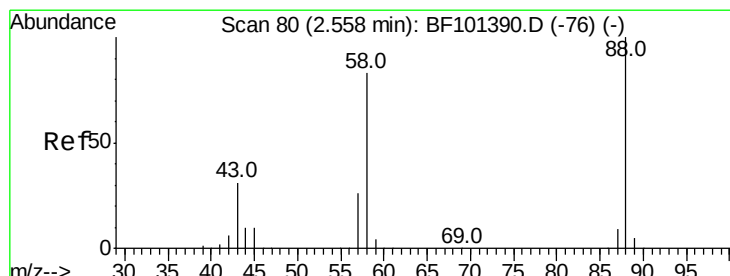
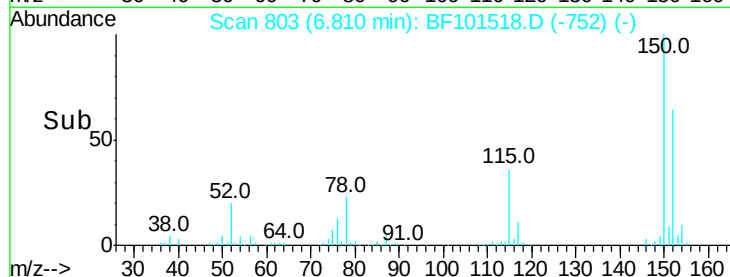
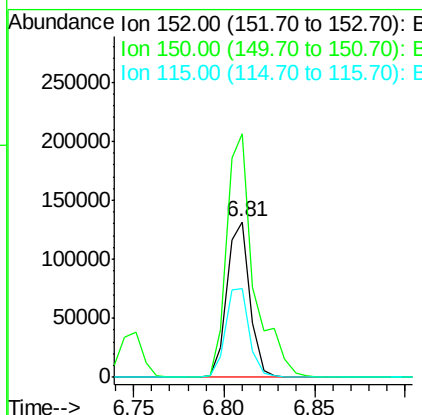
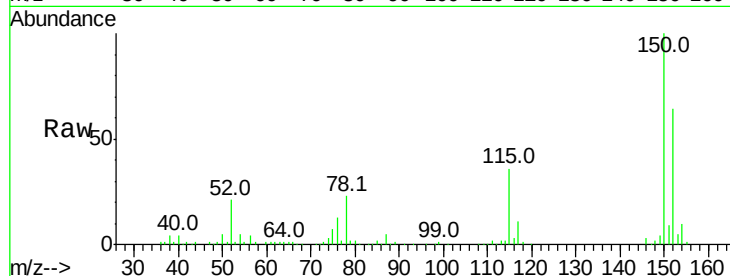
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	124.6	186.8
115	56.8	50.1	75.1

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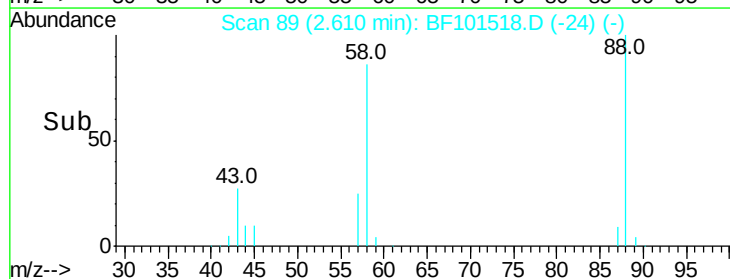
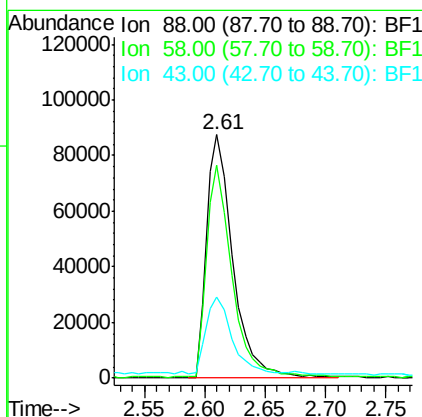
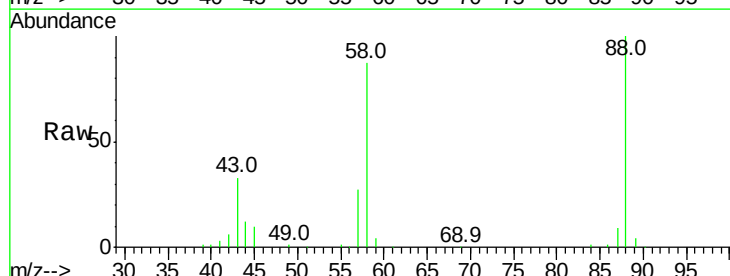
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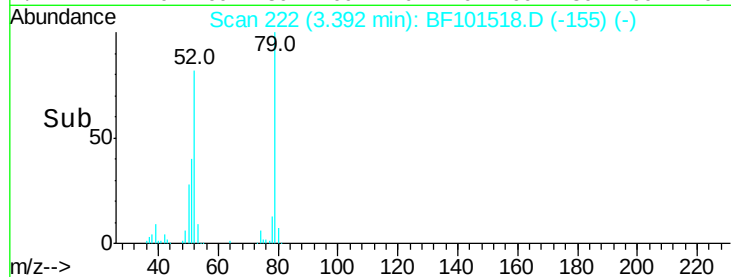
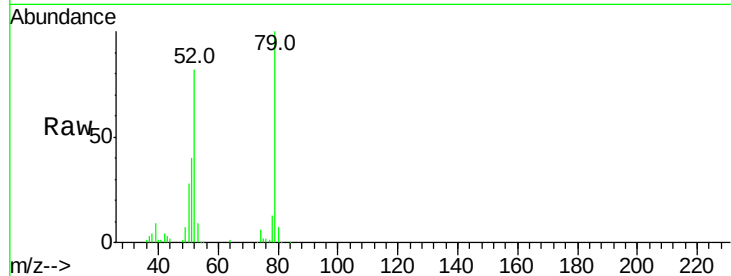
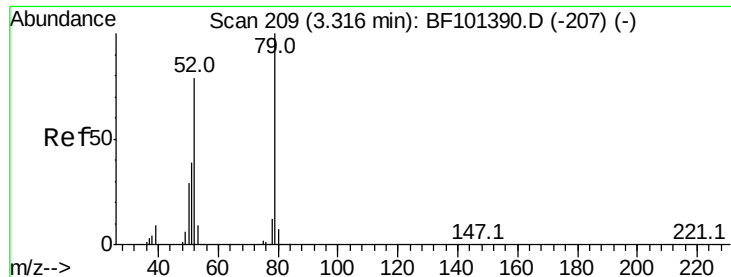


#2

1,4-Dioxane
Concen: 33.117 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.8	62.6	93.8
43	33.0	24.6	37.0





#3

Pvridine

Concen: 31.628 ng

RT: 3.39 min Scan# 222

Delta R.T. 0.09 min

Lab File: BF101518.D

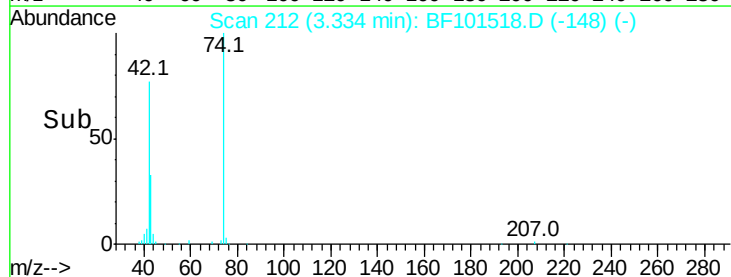
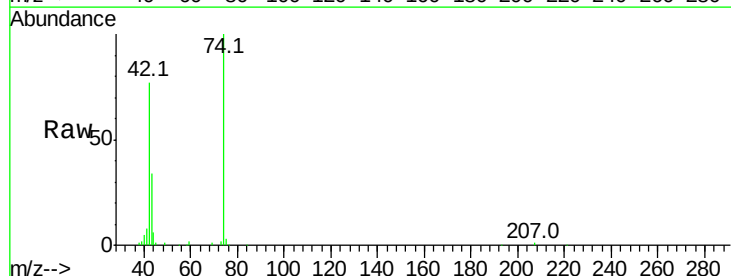
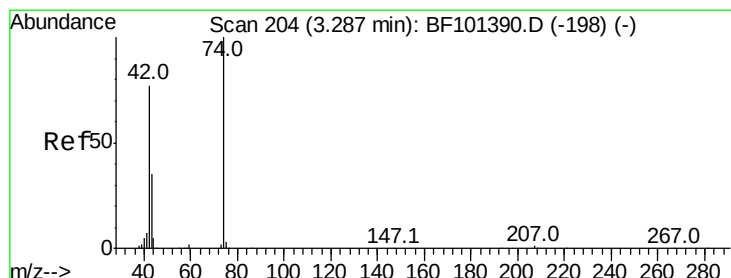
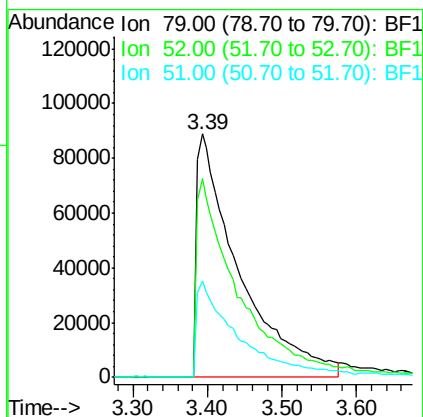
Acq: 19 Dec 2017 13:23

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		350848		
52	81.6	59.8	89.6		
51	39.8	29.8	44.8		

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 33.717 ng

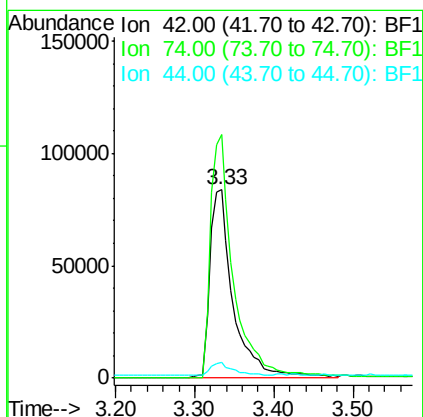
RT: 3.33 min Scan# 212

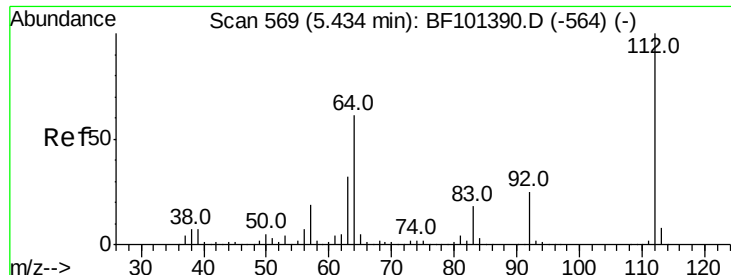
Delta R.T. 0.08 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		172212		
74	129.3	104.9	157.3		
44	8.3	6.9	10.3		





#5

2-Fluorophenol

Concen: 114.118 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

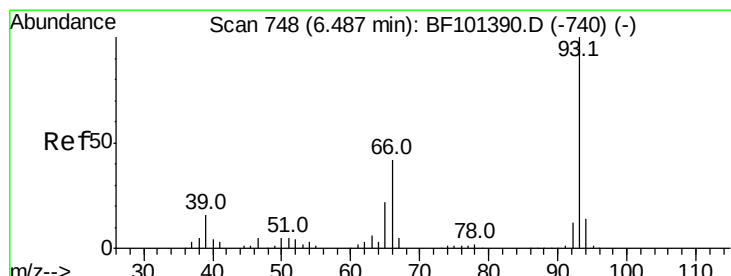
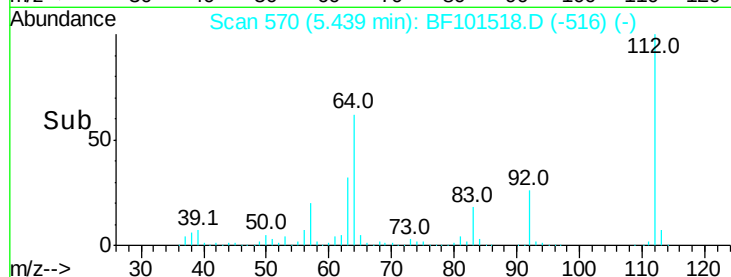
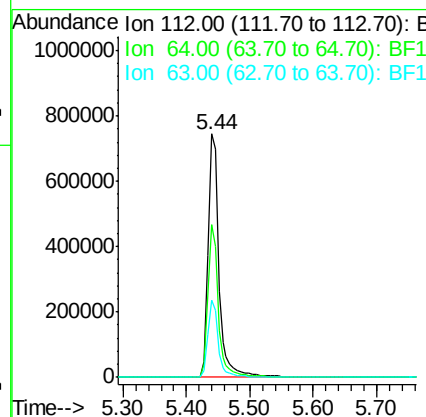
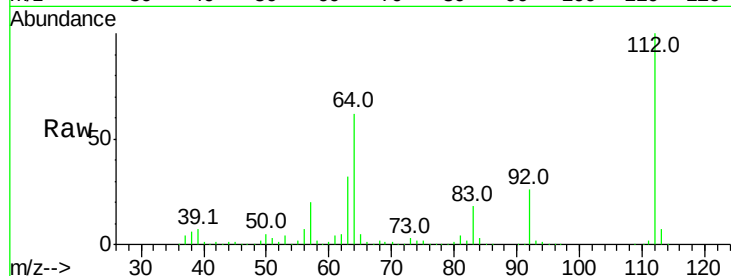
ClientSampleID :

PB105116BS

Tot Ion:	112	Resp:	886726
Ion Ratio	Lower	Upper	
112	100		
64	62.5	47.9	71.9
63	31.9	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 20.489 ng

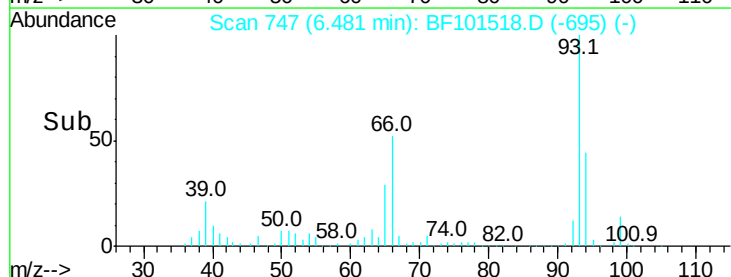
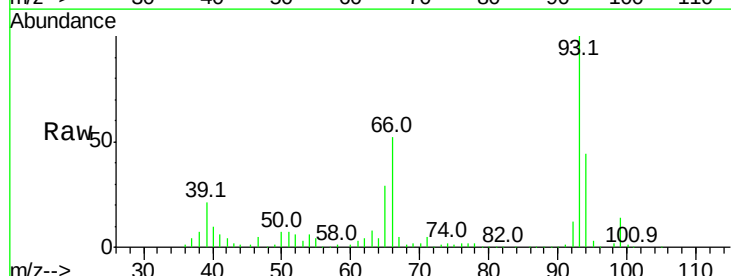
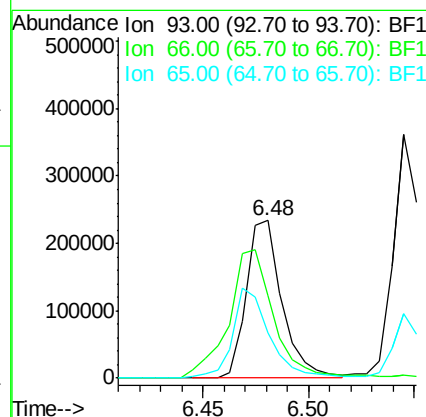
RT: 6.48 min Scan# 747

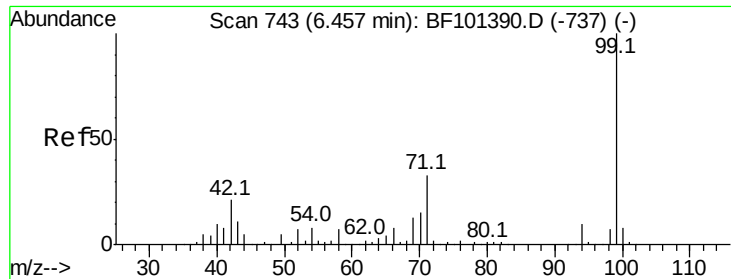
Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	93	Resp:	275341
Ion Ratio	Lower	Upper	
93	100		
66	52.1	32.2	48.2#
65	28.8	16.4	24.6#





#7

Phenol-d6

Concen: 105.961 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tot Ion: 99 Resp: 1024679

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

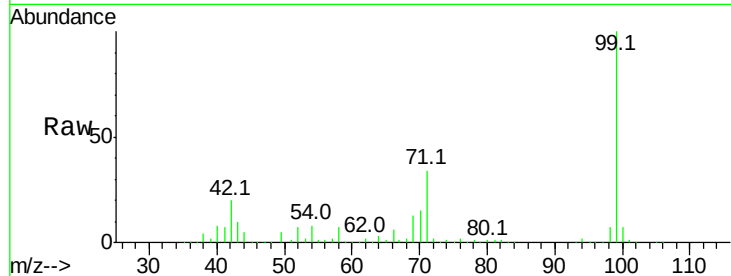
71 33.5 25.4 38.0

Manual Integrations

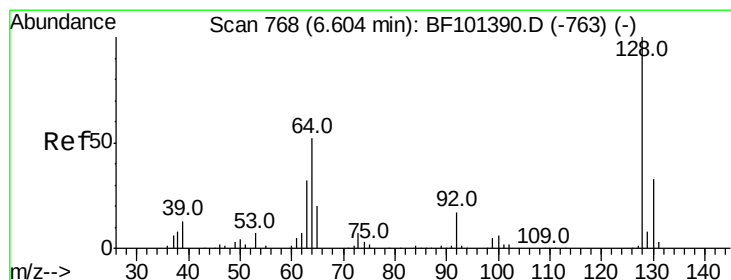
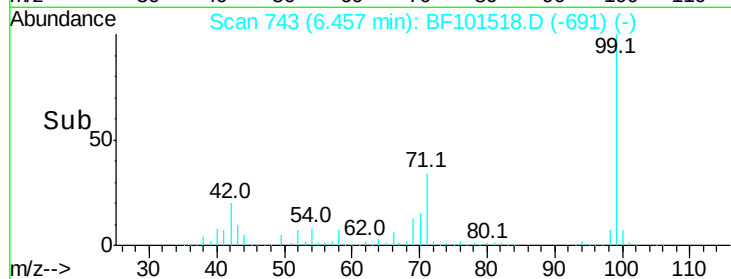
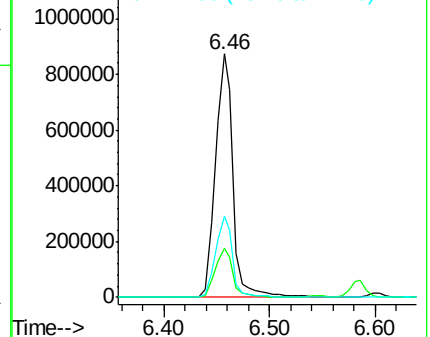
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.924 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

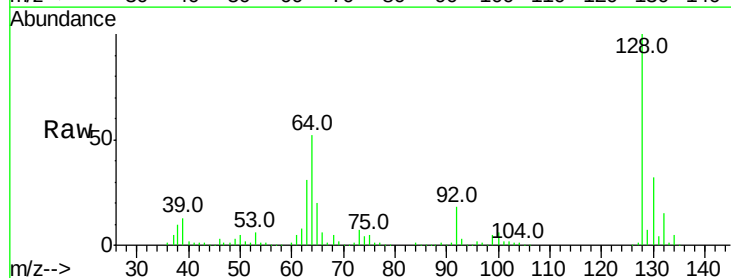
Tgt Ion: 128 Resp: 309982

Ion Ratio Lower Upper

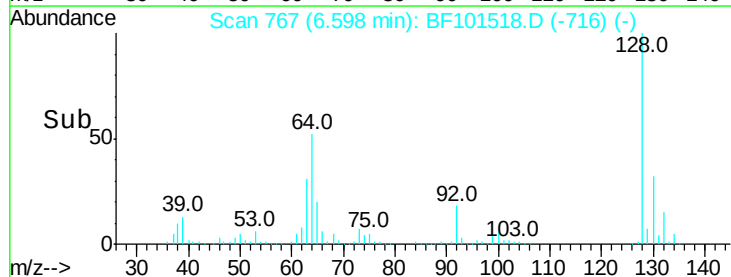
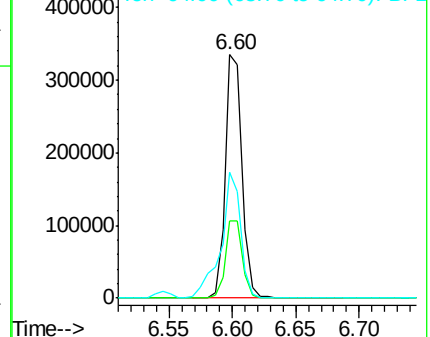
128 100

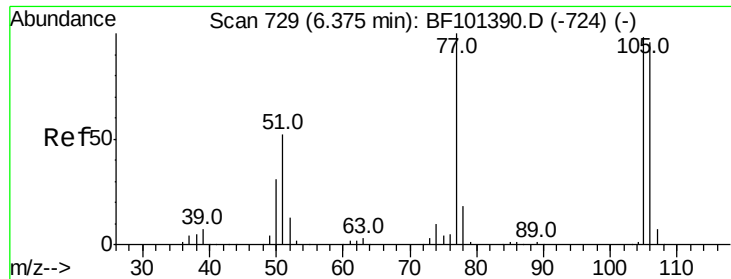
130 31.7 13.0 53.0

64 51.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.349 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

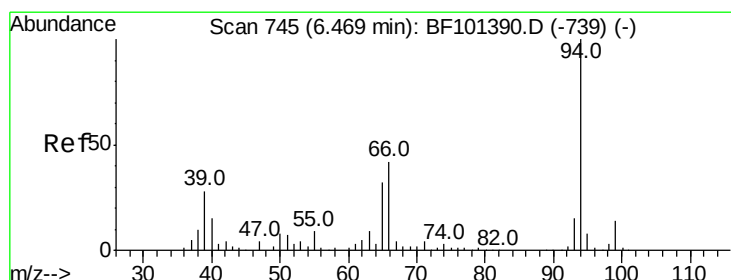
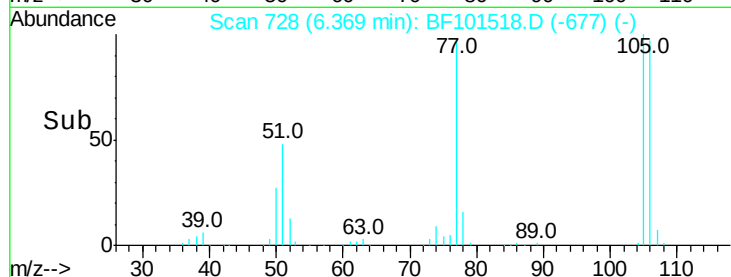
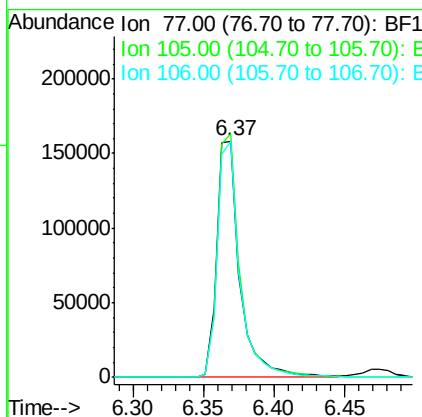
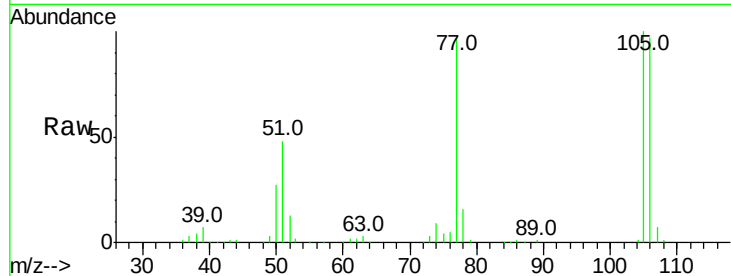
ClientSampled :

PB105116BS

Tot Ion:	77	Resp:	181040
Ion Ratio	Lower	Upper	
77	100		
105	103.0	81.1	121.1
106	100.0	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 34.149 ng

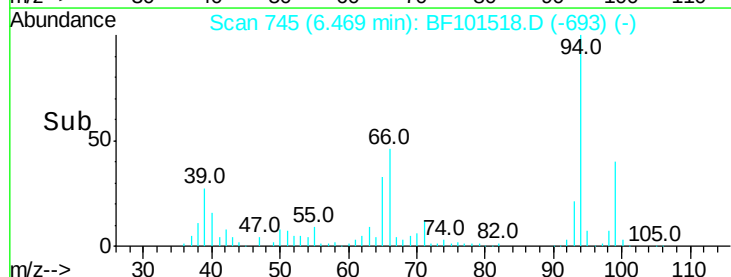
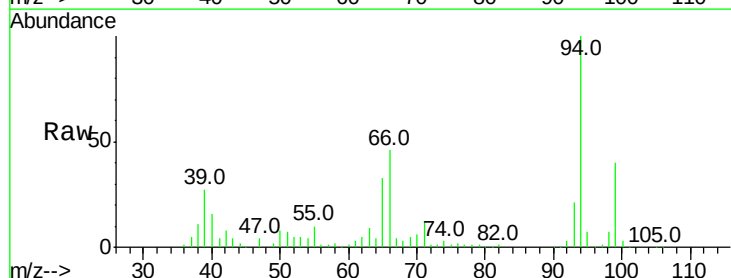
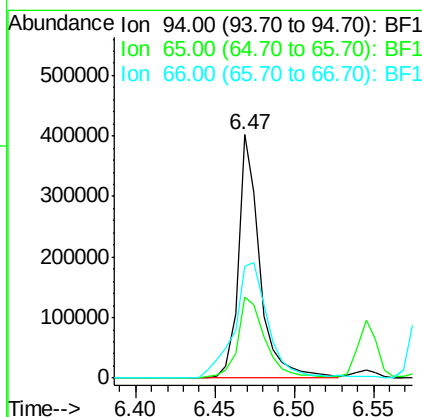
RT: 6.47 min Scan# 745

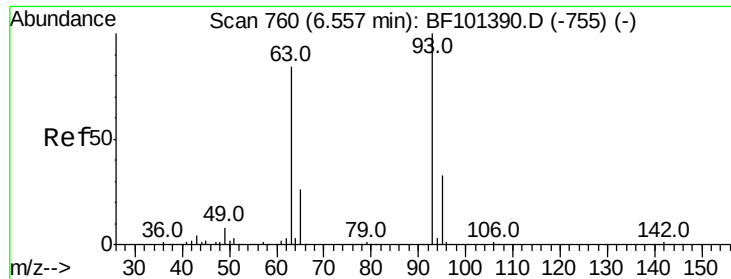
Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	94	Resp:	376394
Ion Ratio	Lower	Upper	
94	100		
65	33.1	7.9	47.9
66	45.8	16.2	56.2





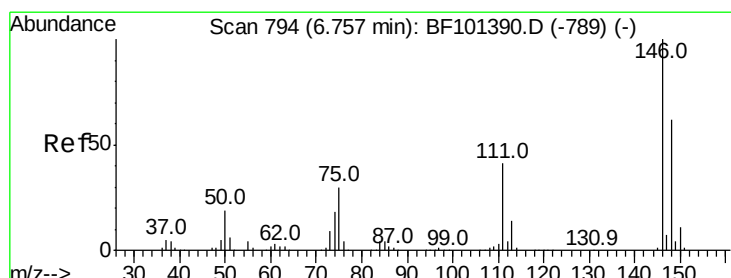
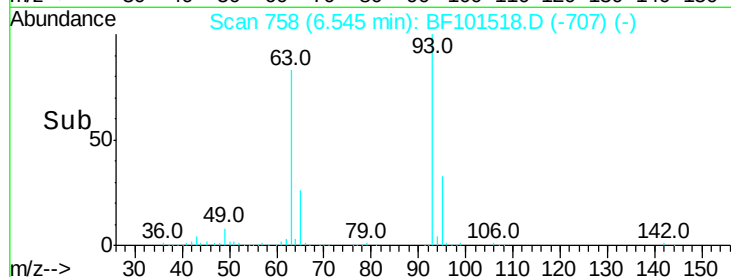
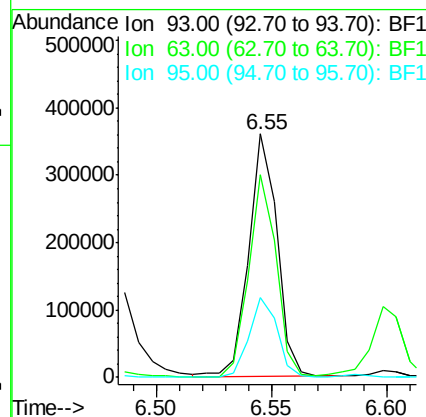
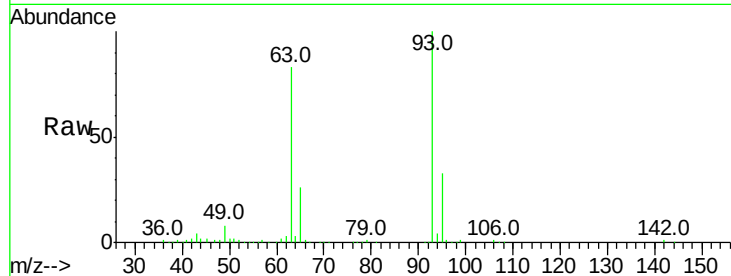
#11
bis(2-Chloroethyl)ether
Concen: 35.659 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	83.3	58.6	98.6
95	32.6	11.8	51.8

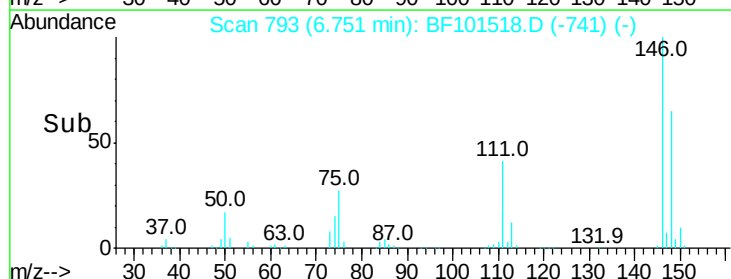
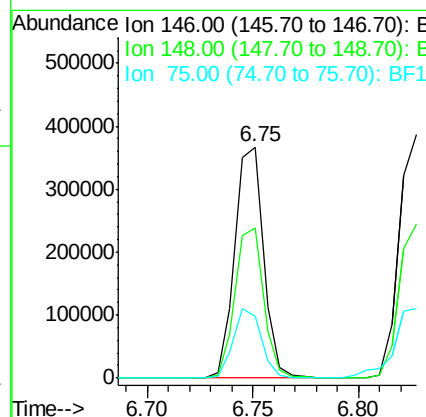
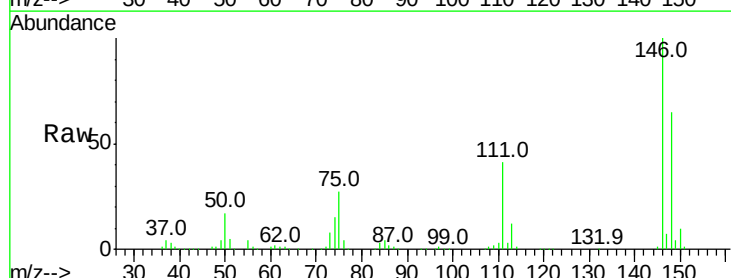
Manual Integrations
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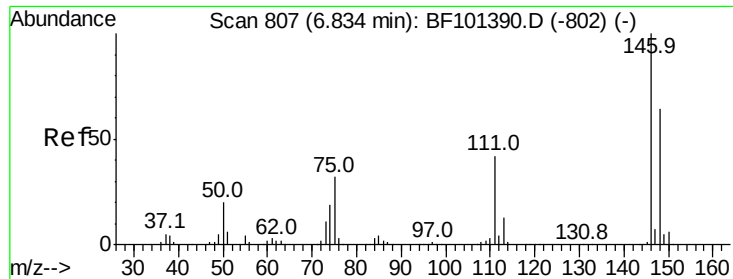
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.413 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
75	26.7	24.2	36.4





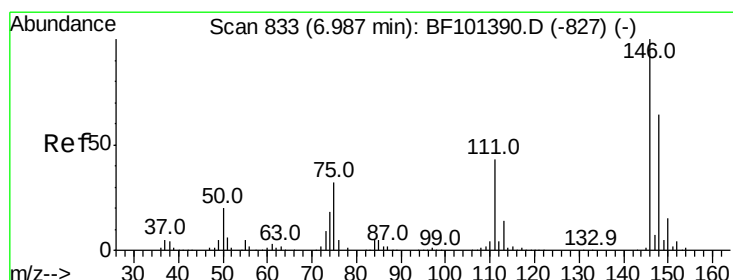
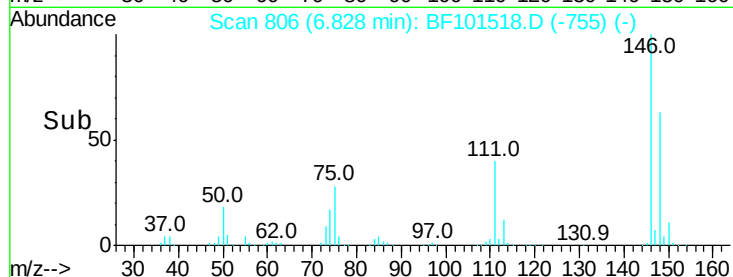
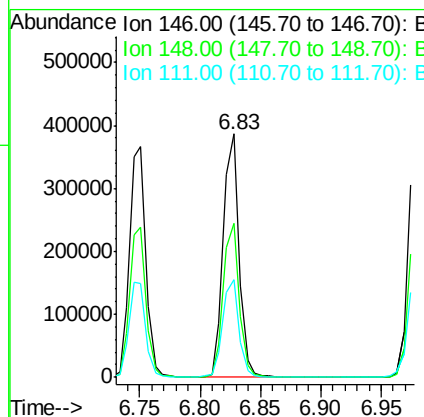
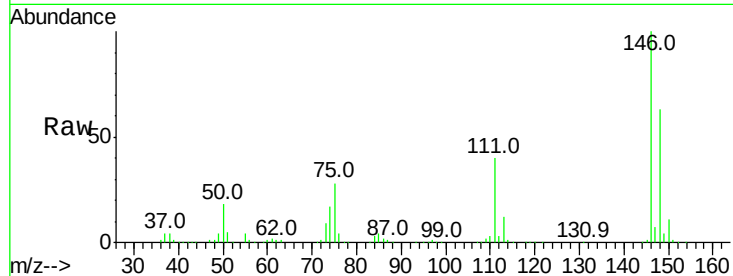
#13
 1,4-Dichlorobenzene
 Concen: 37.280 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleID :
 PB105116BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.8	76.2
111	40.1	34.2	51.2

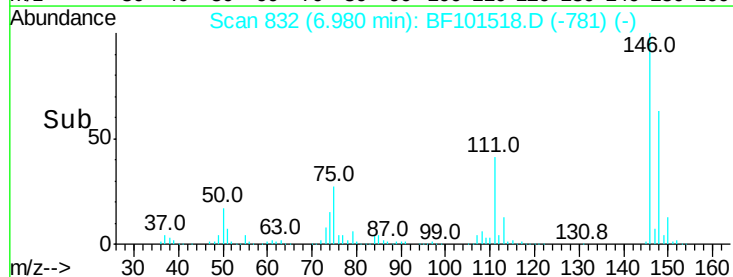
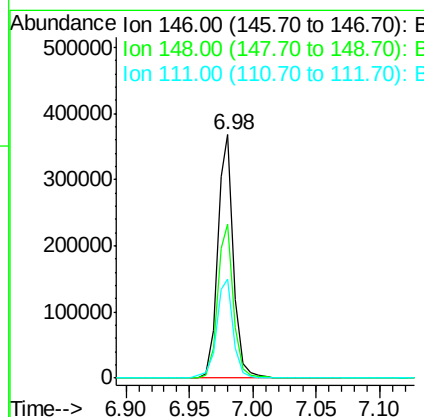
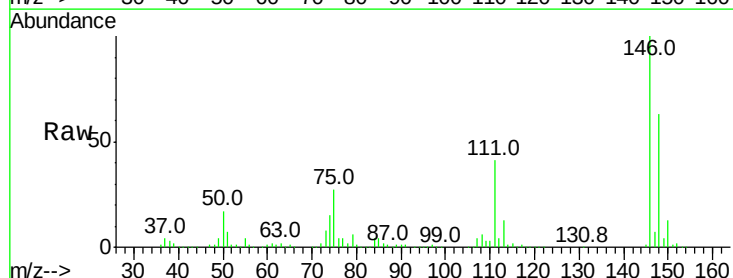
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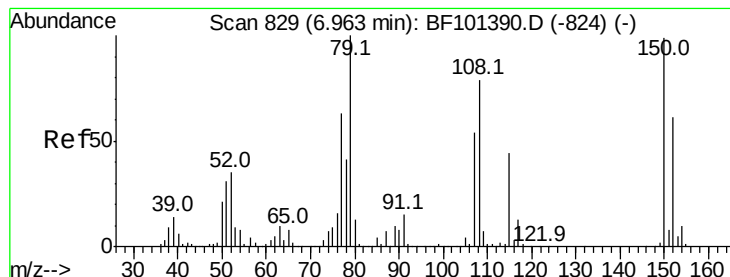
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#14
 1,2-Dichlorobenzene
 Concen: 37.944 ng
 RT: 6.98 min Scan# 832
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	40.9	36.0	54.0





#15

Benzyl Alcohol

Concen: 35.017 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tot Ion: 79 Resp: 233079

Ion Ratio Lower Upper

79 100

108 82.3 65.1 97.7

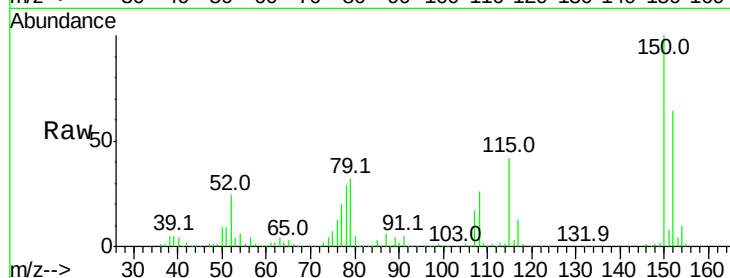
77 64.6 50.6 75.8

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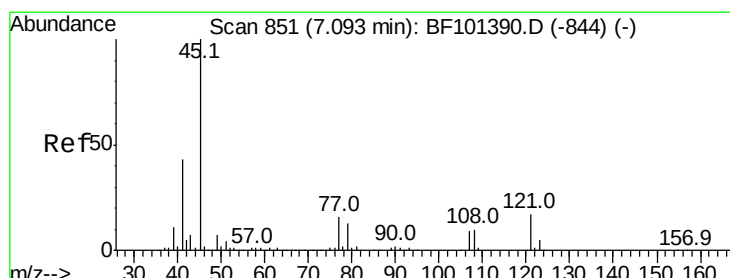
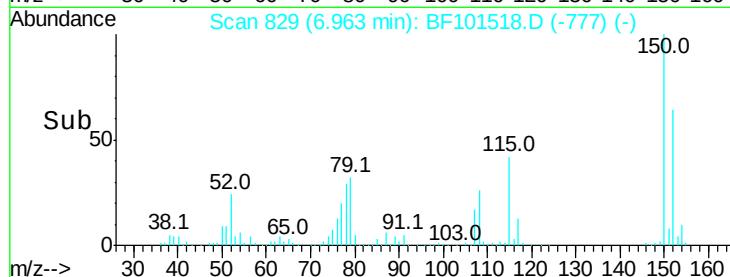
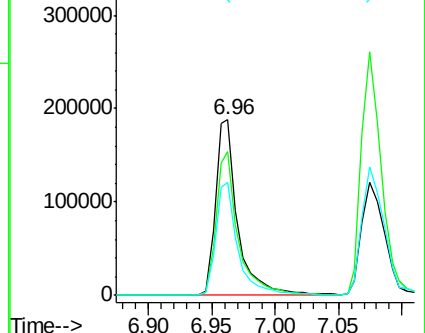
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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.309 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

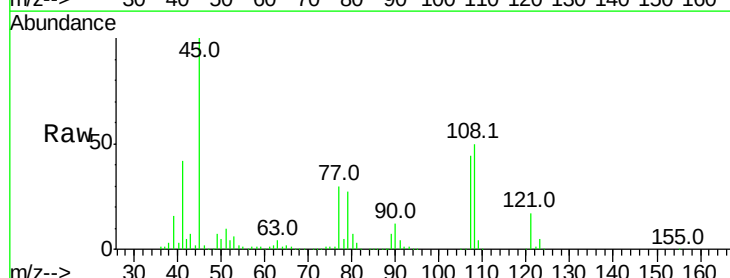
Tgt Ion: 45 Resp: 506894

Ion Ratio Lower Upper

45 100

77 29.7 0.0 32.9

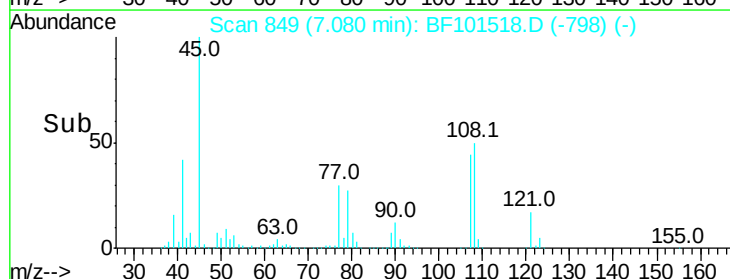
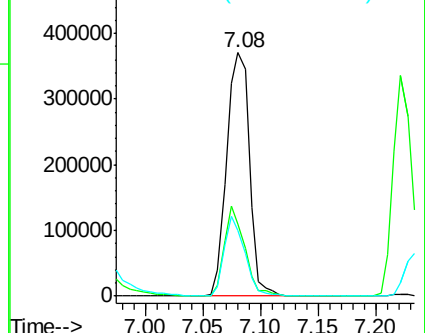
79 27.1 0.0 29.6

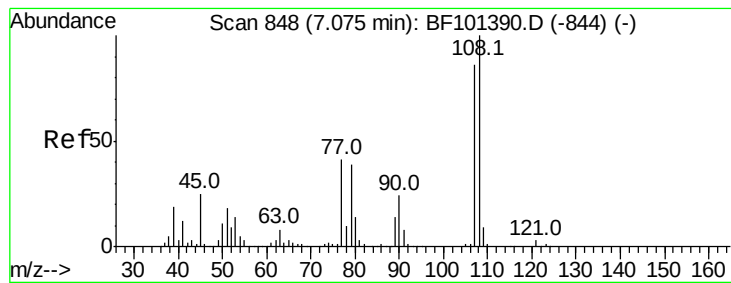


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





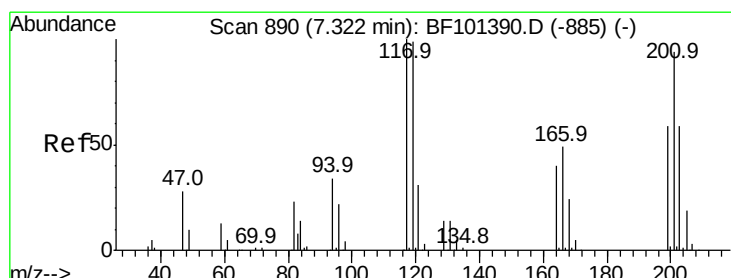
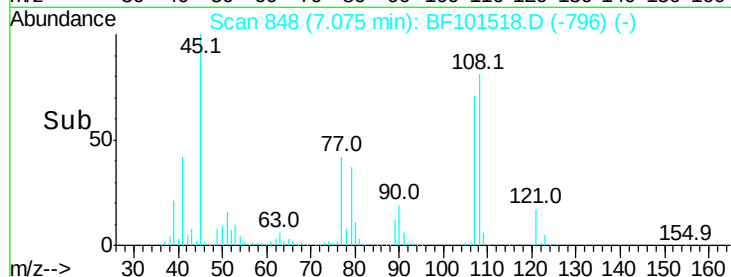
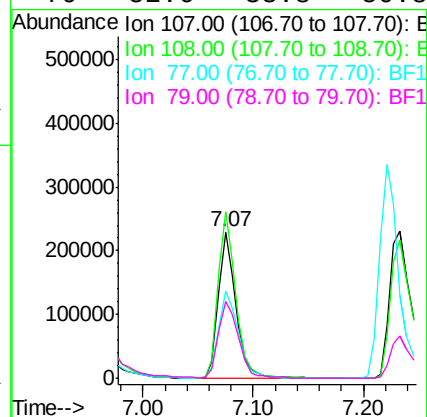
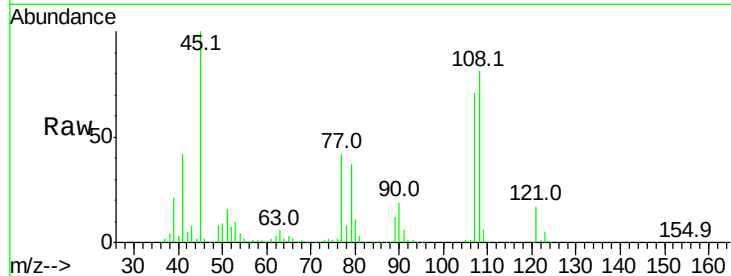
#17
2-Methylphenol
Concen: 33.217 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampled :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100	249753		
108	113.8	91.7	137.5	
77	60.0	33.8	50.8#	
79	52.6	33.8	50.8#	

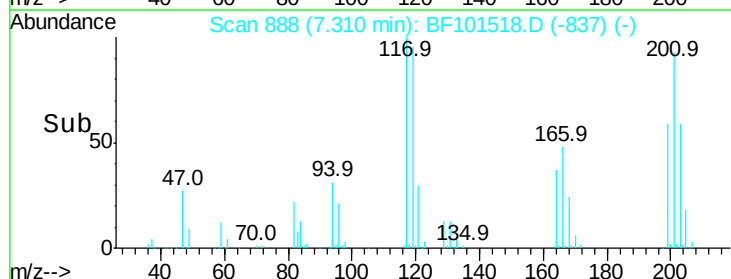
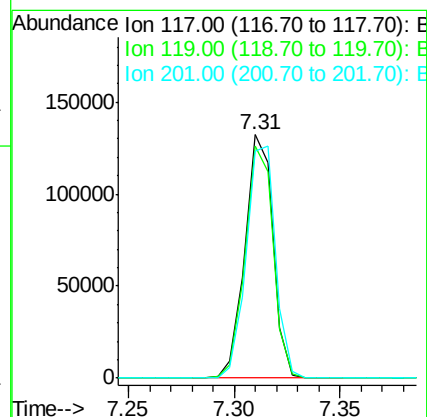
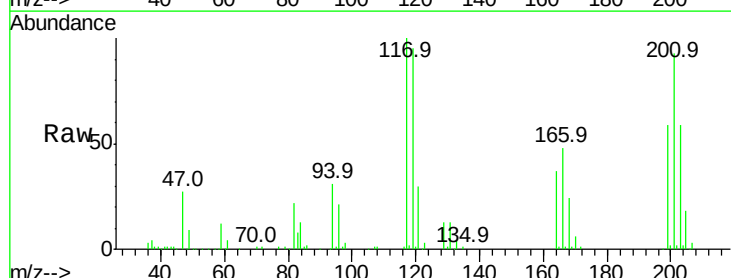
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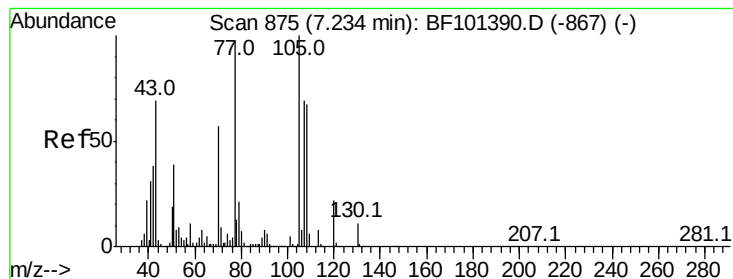
Sohil
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#18
Hexachloroethane
Concen: 37.052 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	121355		
119	95.5	75.8	113.8	
201	93.0	75.7	113.5	





#19

n-Nitroso-di-n-propylamine

Concen: 33.956 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

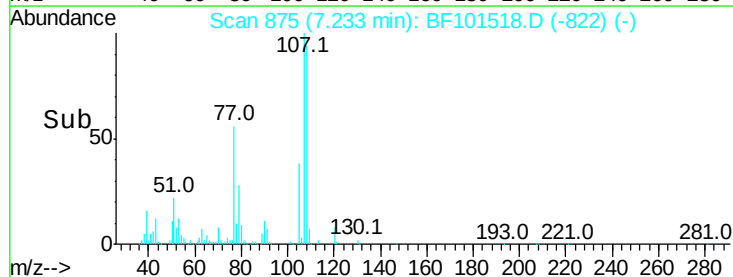
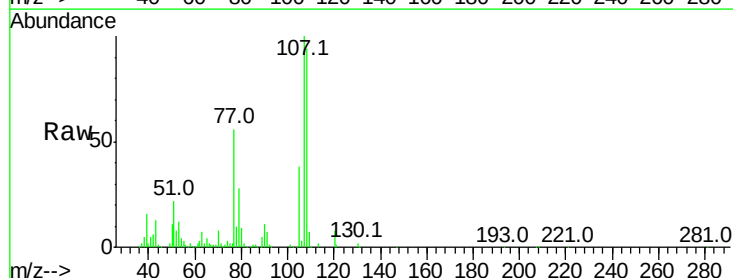
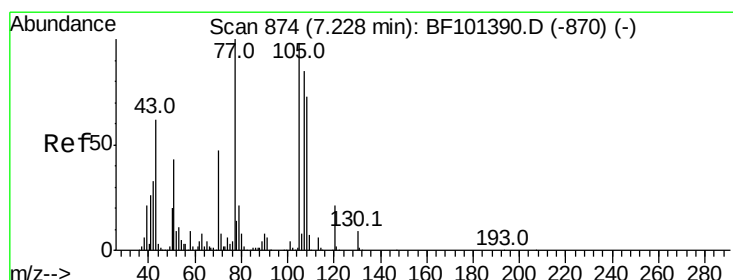
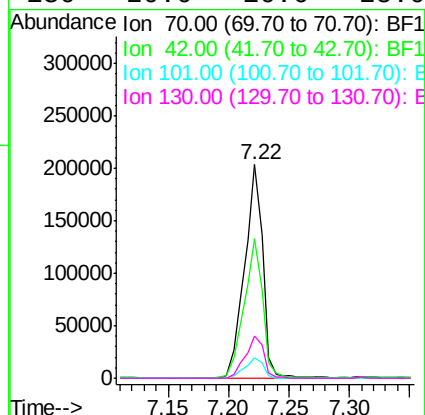
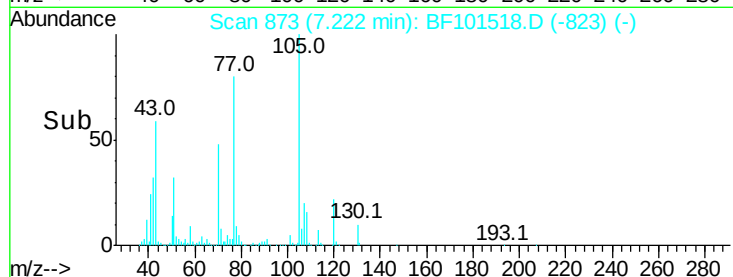
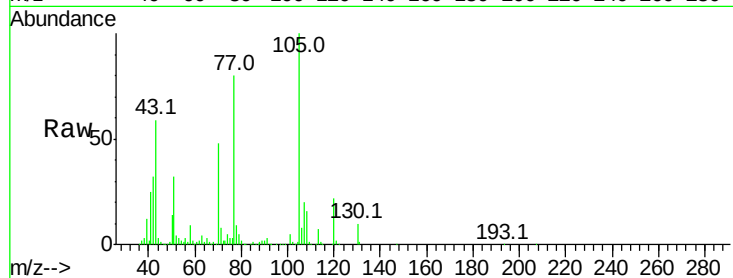
ClientSampleId :

PB105116BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.5	47.5	71.3
101	9.6	7.4	11.2
130	20.0	16.6	25.0

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#20

3+4-Methylphenols

Concen: 41.560 ng

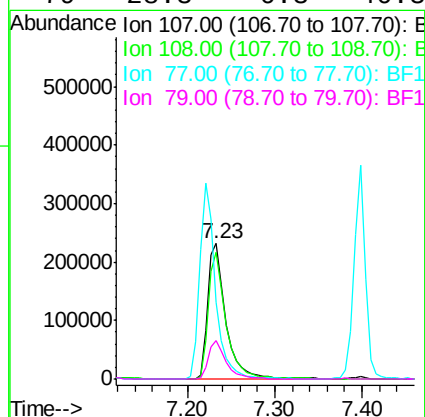
RT: 7.23 min Scan# 875

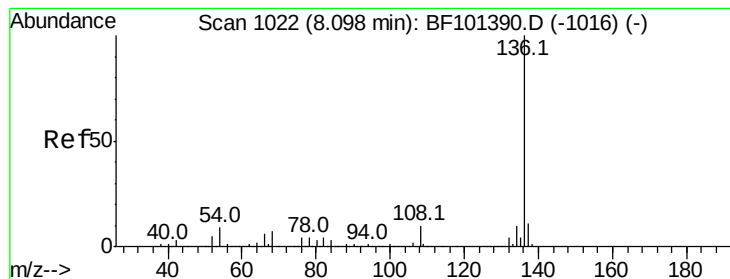
Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.5	68.2	108.2
77	56.3	26.7	66.7
79	28.3	6.3	46.3





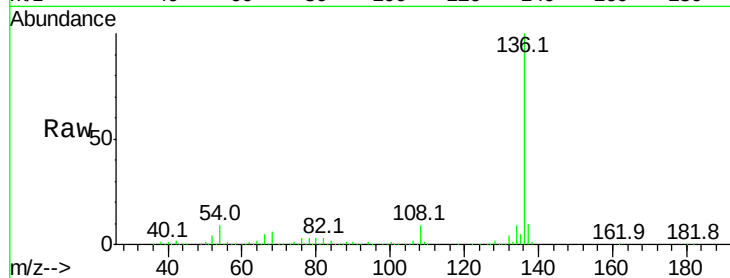
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

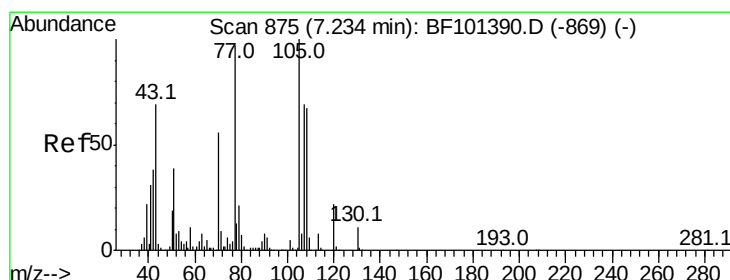
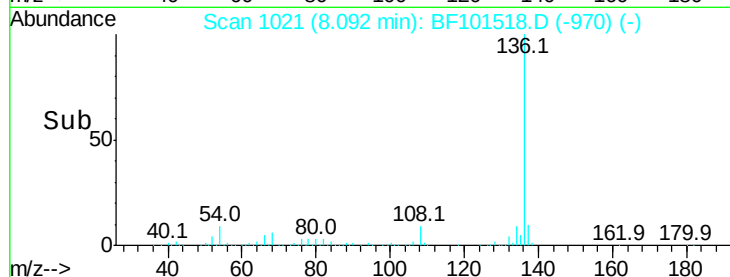
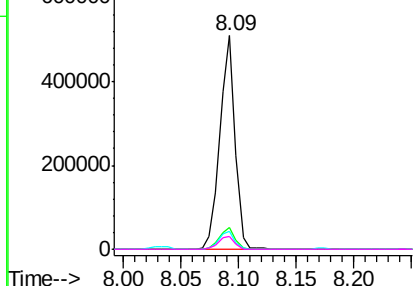
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.4	8.9	13.3	
54	8.7	6.6	9.8	
68	6.3	5.0	7.4	

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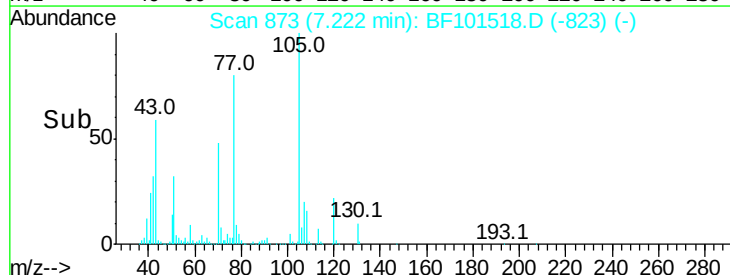
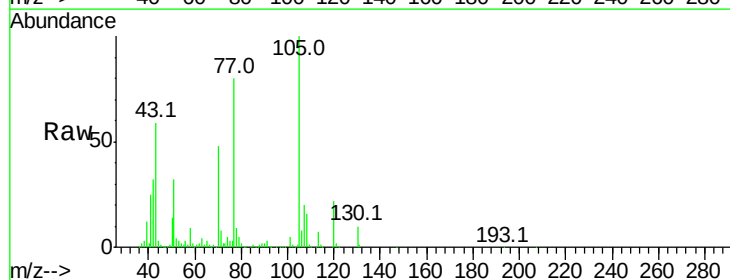
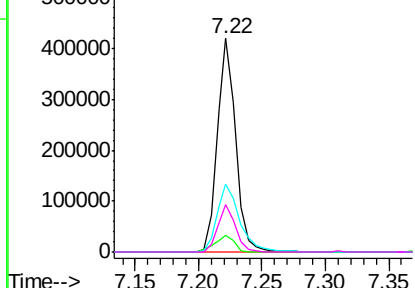
Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

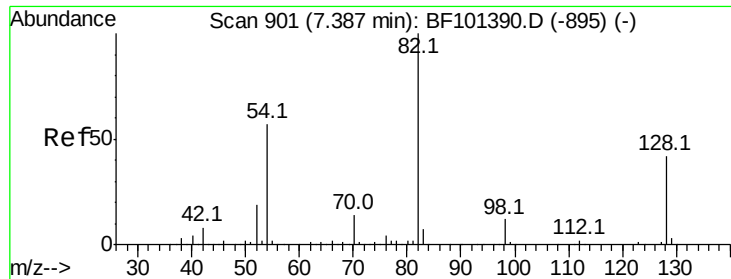


#22
Acetophenone
Concen: 40.495 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.0	4.4	6.6#	
51	31.8	22.3	33.5	
120	22.1	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
600000
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





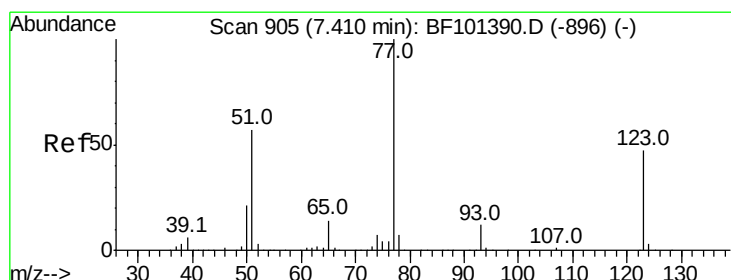
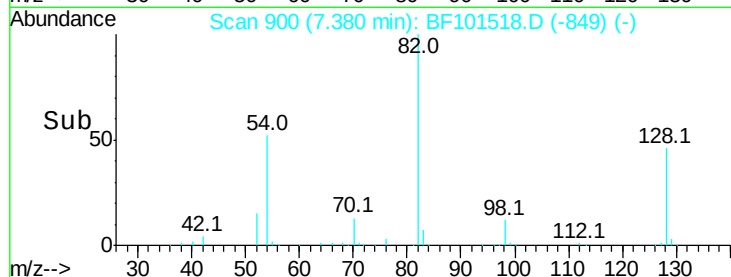
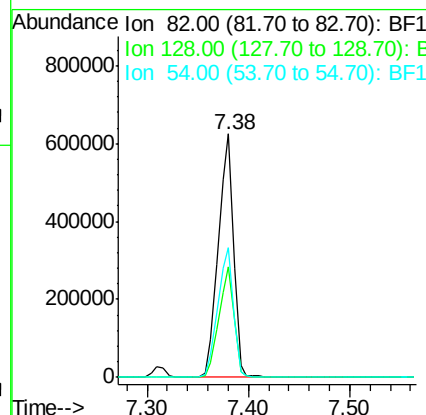
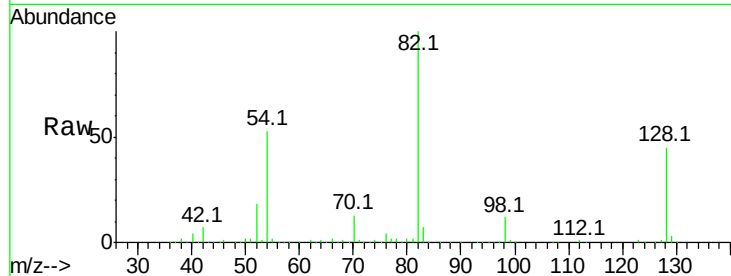
#23
 Nitrobenzene-d5
 Concen: 79.061 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.5	36.1	54.1	
54	53.1	41.4	62.2	

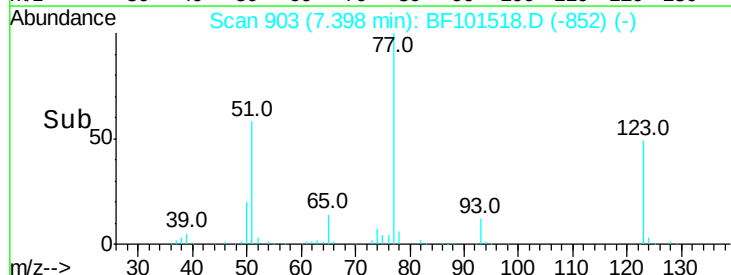
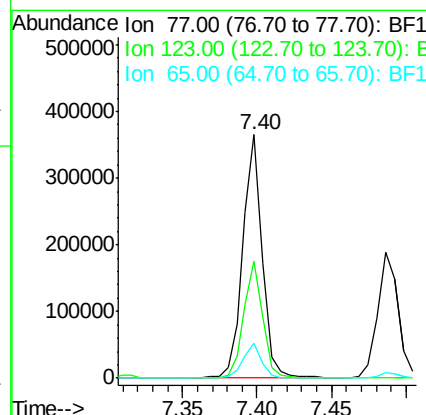
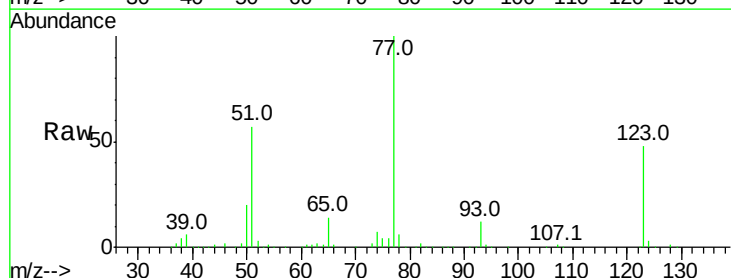
Manual Integrations
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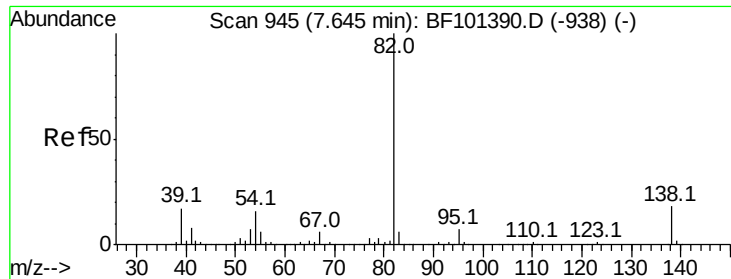
Sohil
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#24
 Nitrobenzene
 Concen: 35.684 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.0	37.9	56.9	
65	14.2	11.0	16.4	





#25

Isophorone

Concen: 35.976 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

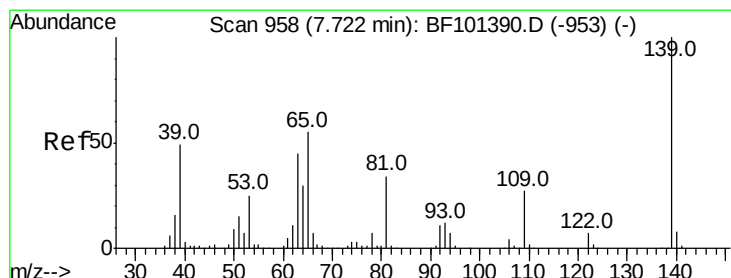
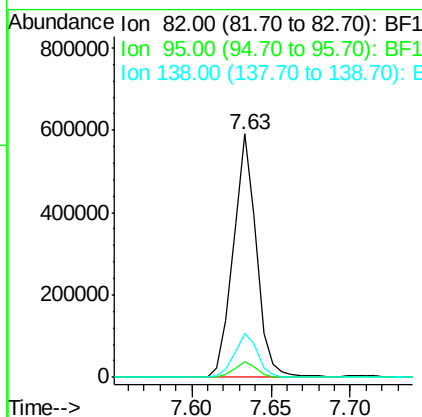
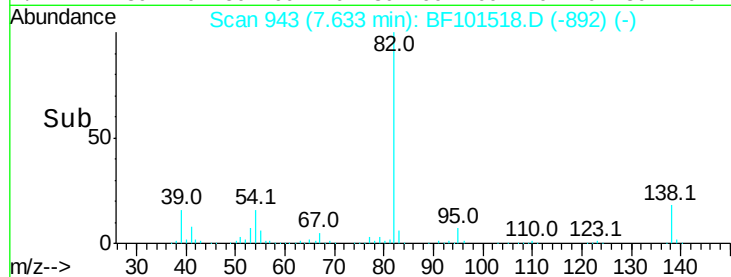
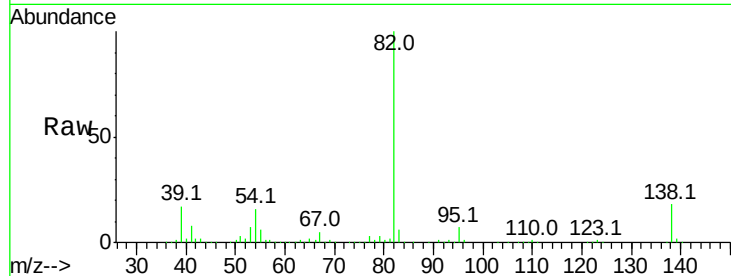
ClientSampleId :

PB105116BS

Tot Ion:	82	Resp:	601208
Ion Ratio		Lower	Upper
82	100		
95	6.7	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 43.081 ng

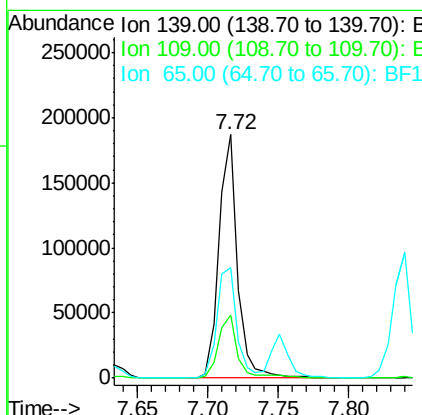
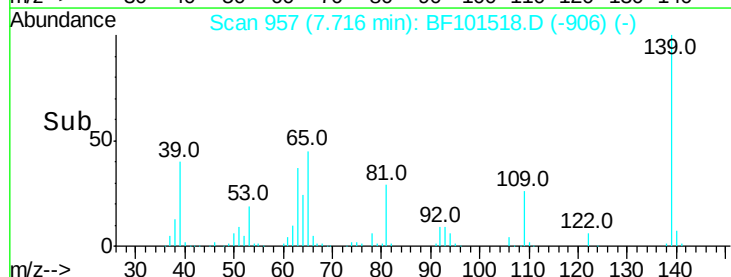
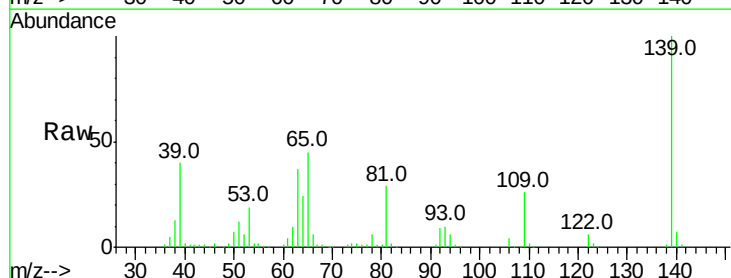
RT: 7.72 min Scan# 957

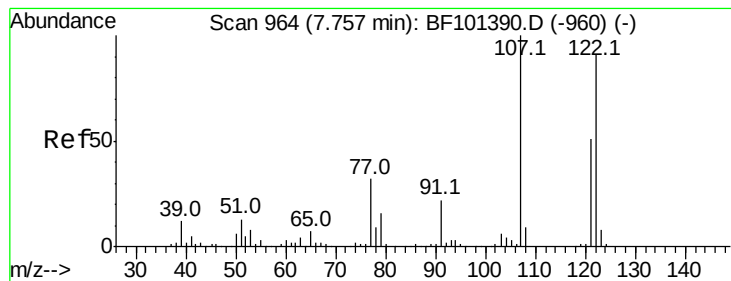
Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	139	Resp:	170643
Ion Ratio		Lower	Upper
139	100		
109	26.0	22.7	34.1
65	45.5	40.5	60.7





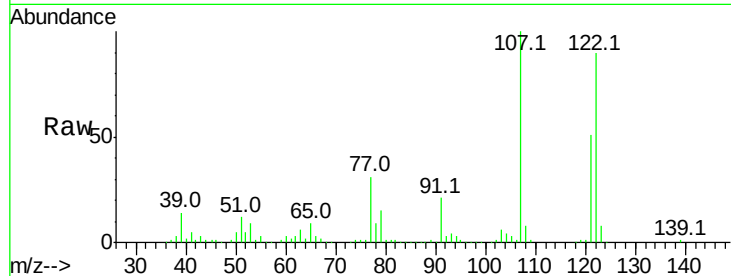
#27
2,4-Dimethylphenol
Concen: 42.001 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	282632		
107	110.9	91.2	136.8	
121	57.1	47.2	70.8	

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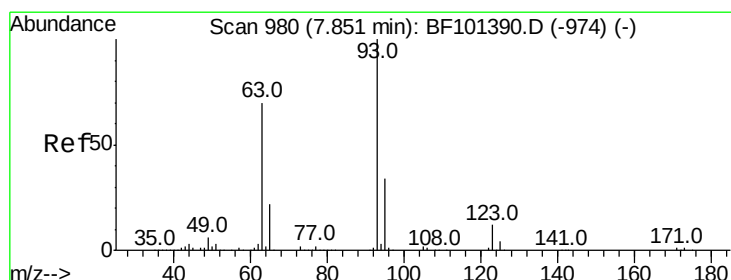
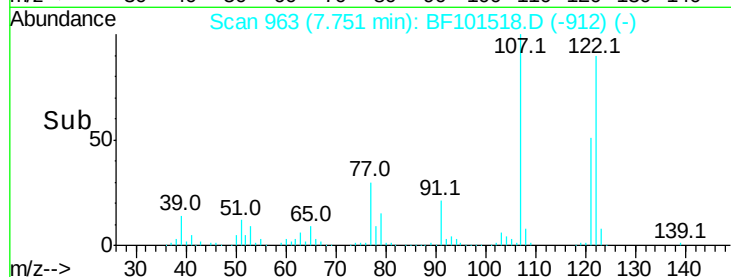
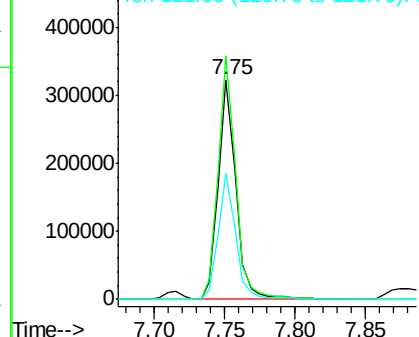


Abundance

Ion 122.00 (121.70 to 122.70): E

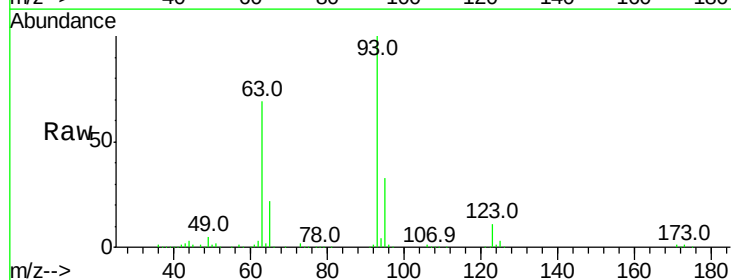
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 36.503 ng
RT: 7.84 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	387499		
95	32.5	26.3	39.5	
123	11.1	9.8	14.6	

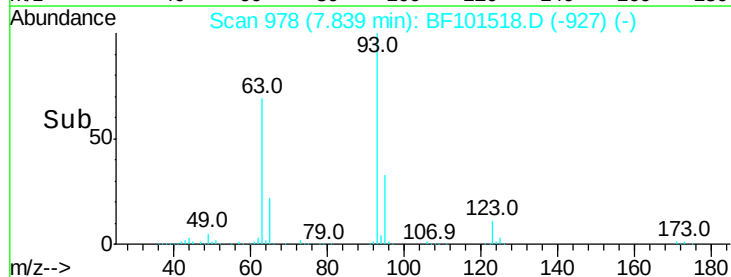
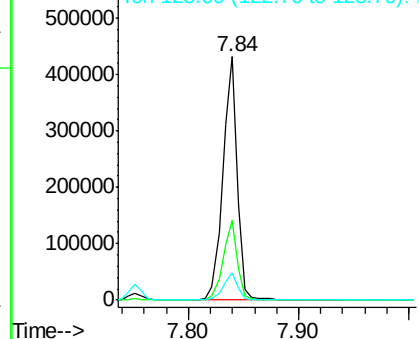


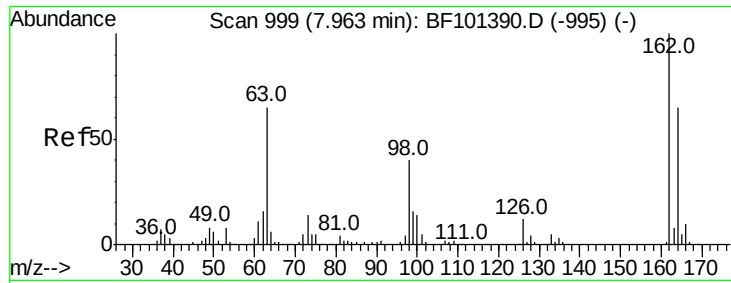
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





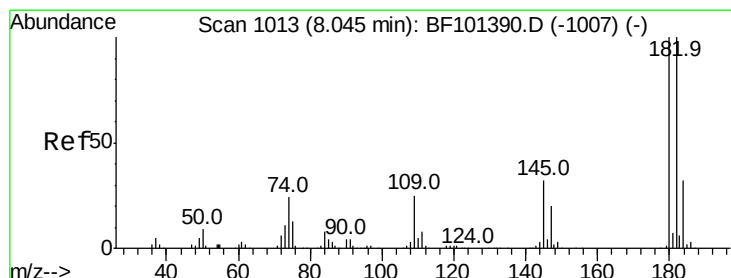
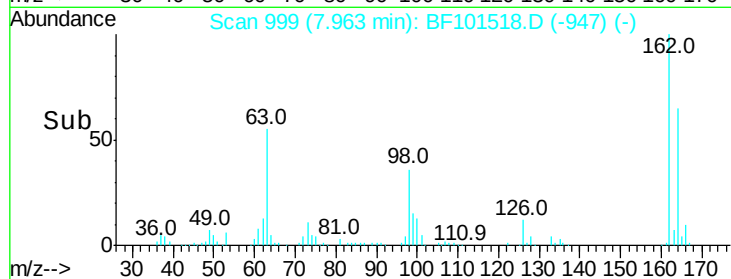
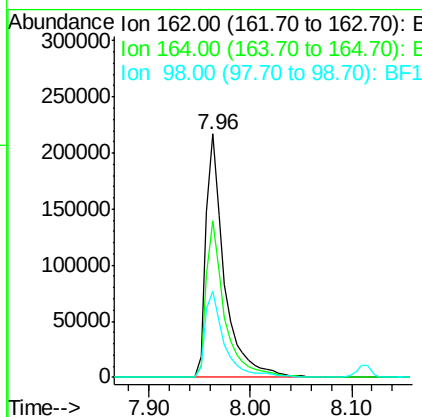
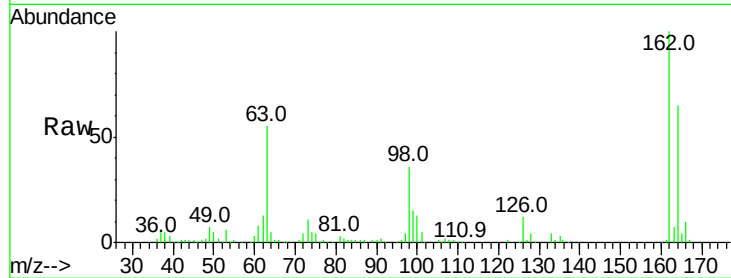
#29
2,4-Dichlorophenol
Concen: 41.046 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampled :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	272877		
164	64.5	42.7	82.7	
98	35.6	18.1	58.1	

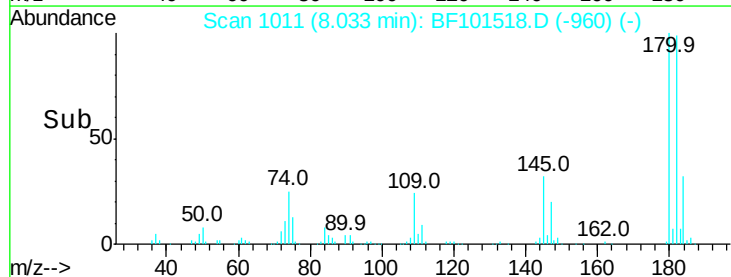
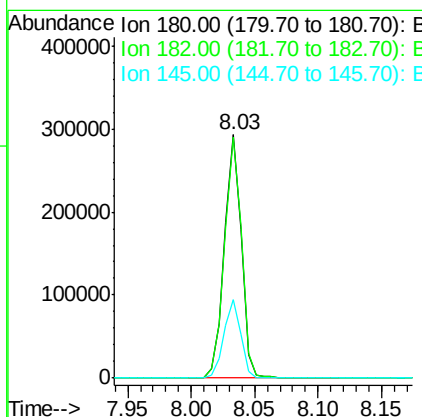
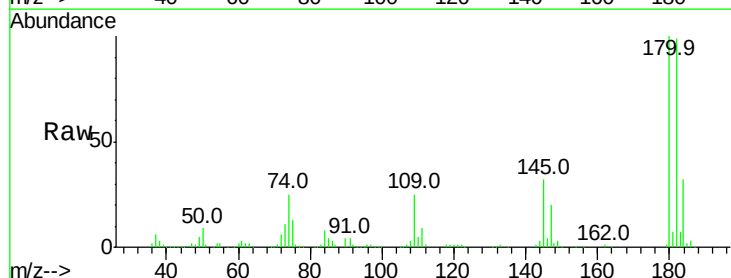
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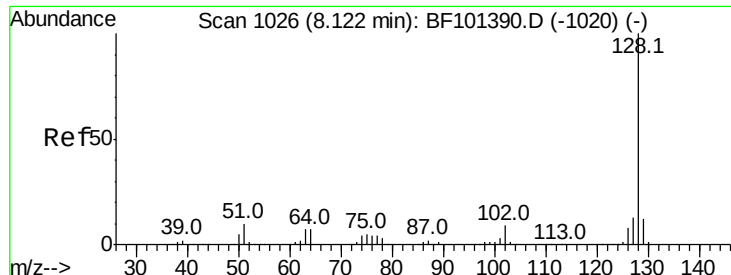
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#30
1,2,4-Trichlorobenzene
Concen: 39.037 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	273875		
182	98.8	76.8	115.2	
145	32.0	26.5	39.7	





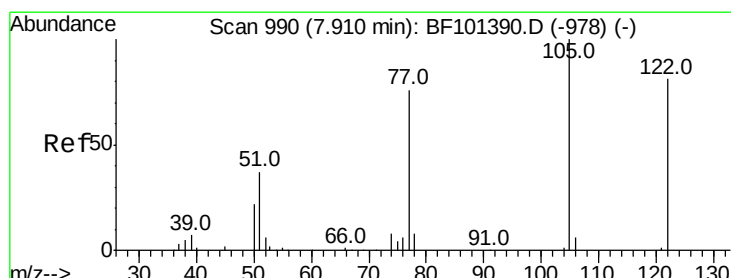
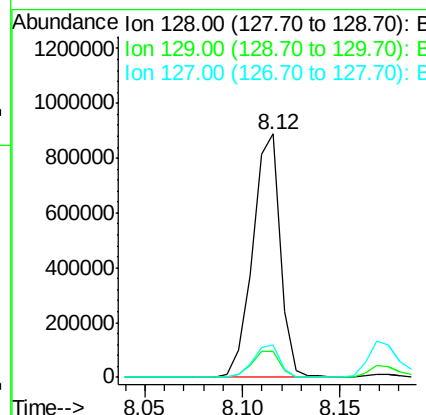
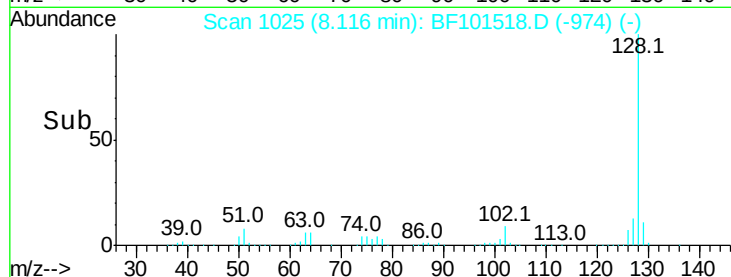
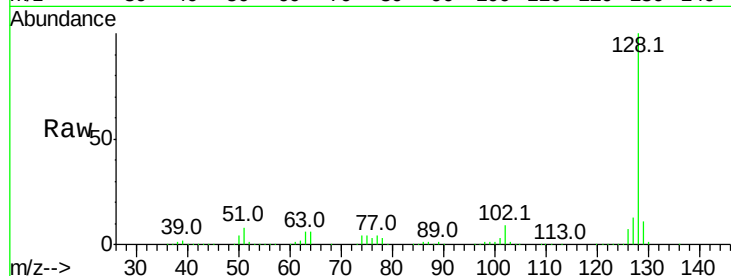
#31
Naphthalene
Concen: 37.326 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

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

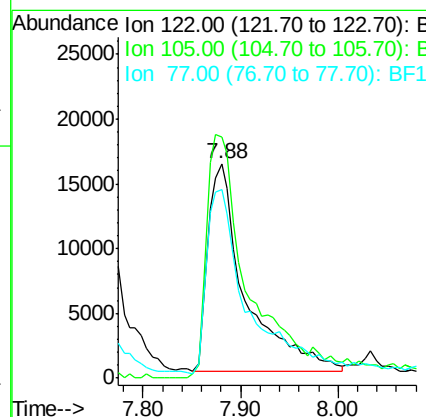
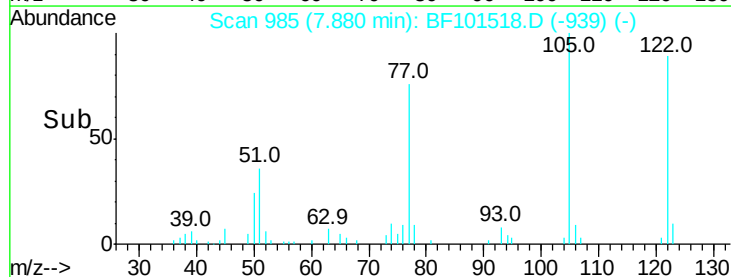
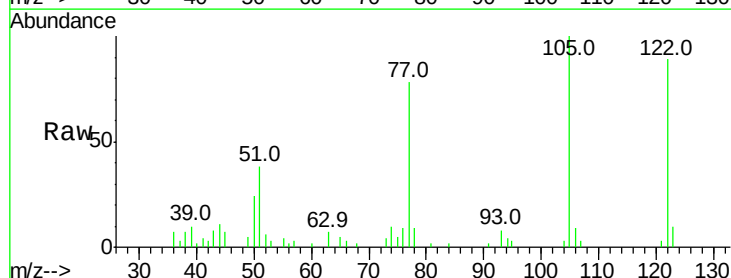
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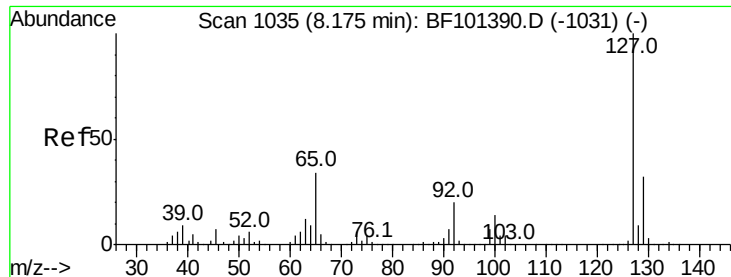
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#32
Benzoic acid
Concen: 15.912 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.03 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	112.1	101.1	141.1	
77	87.8	70.7	110.7	





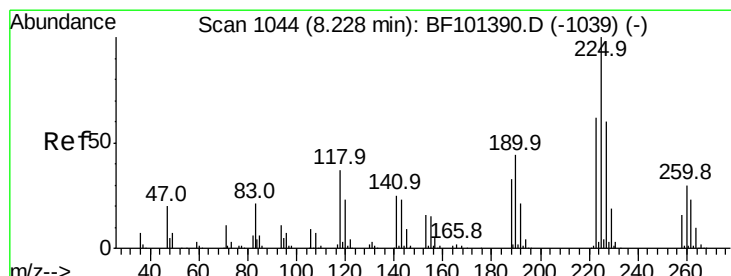
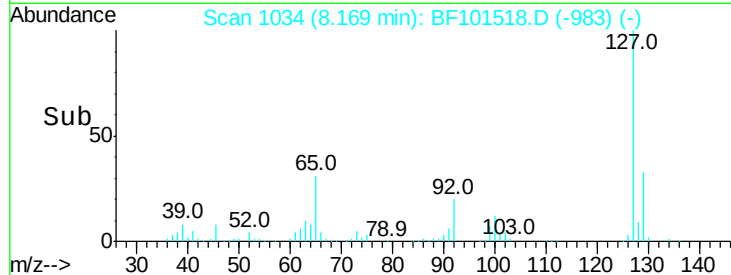
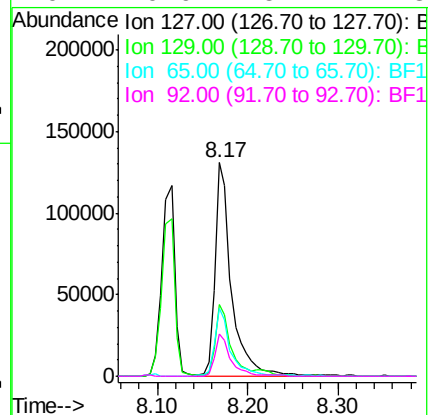
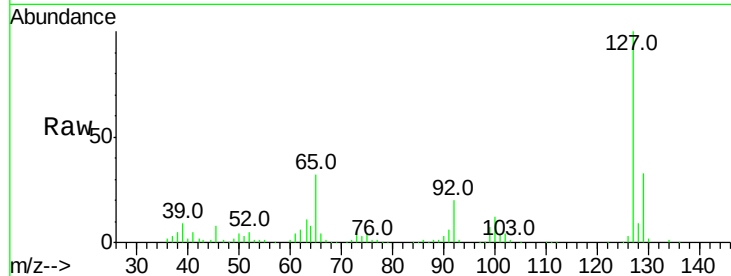
#33
 4-Chloroaniline
 Concen: 16.361 ng
 RT: 8.17 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	25.9	38.9		
65	31.6	25.0	37.4		
92	19.9	15.2	22.8		

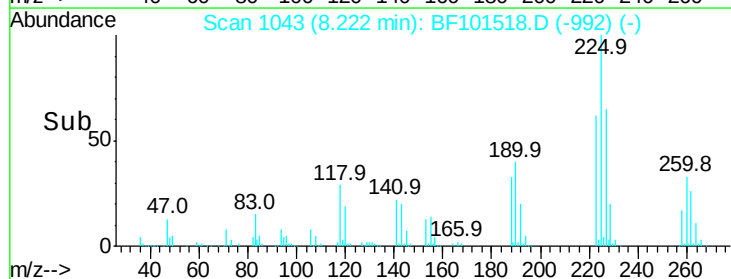
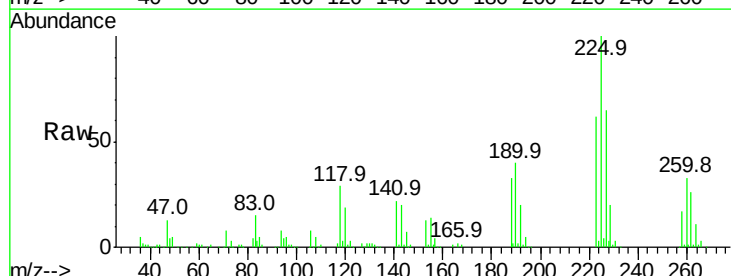
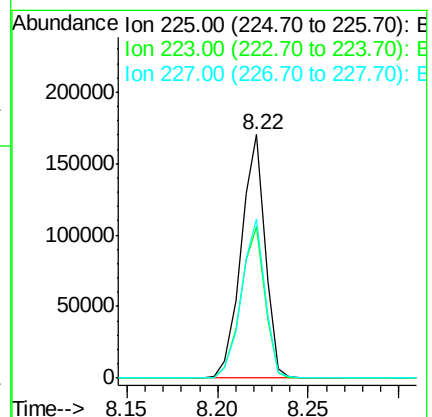
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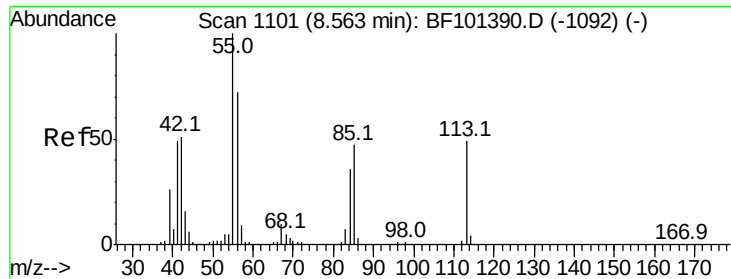
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#34
 Hexachlorobutadiene
 Concen: 38.467 ng
 RT: 8.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.4	50.6	76.0		
227	65.1	51.9	77.9		





#35

Caprolactam

Concen: 37.430 ng/mL

RT: 8.55 min Scan# 1099

Delta R.T. -0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampled :

PB105116BS

Tot Ion:113 Resp: 86405

Ion Ratio Lower Upper

113 100

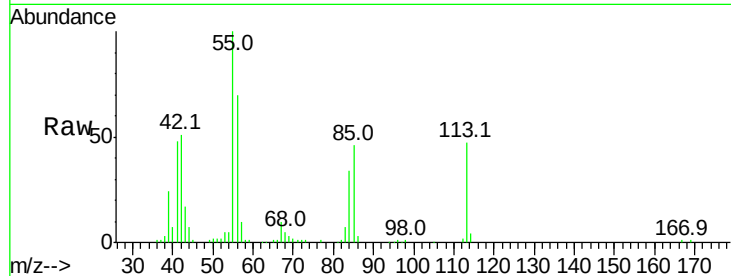
55 210.7 163.3 203.3#

56 146.7 115.7 155.7

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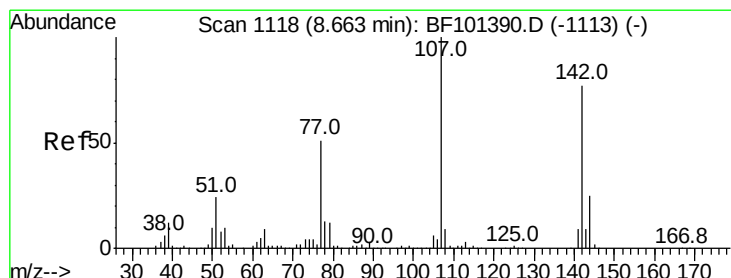
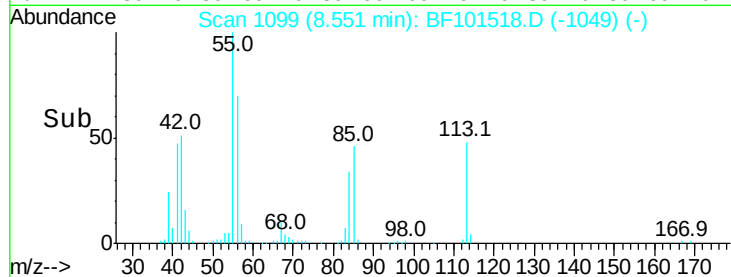
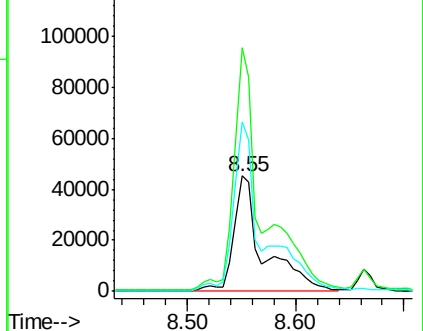
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 37.703 ng/mL

RT: 8.66 min Scan# 1118

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

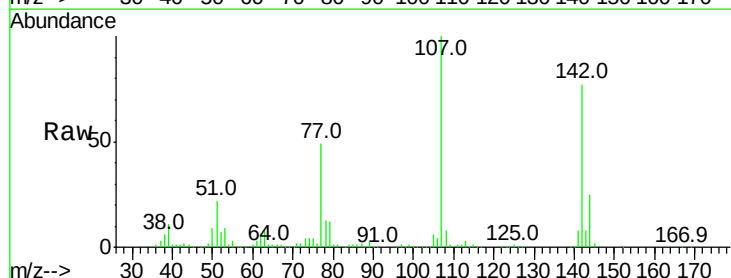
Tgt Ion:107 Resp: 275497

Ion Ratio Lower Upper

107 100

144 25.3 20.5 30.7

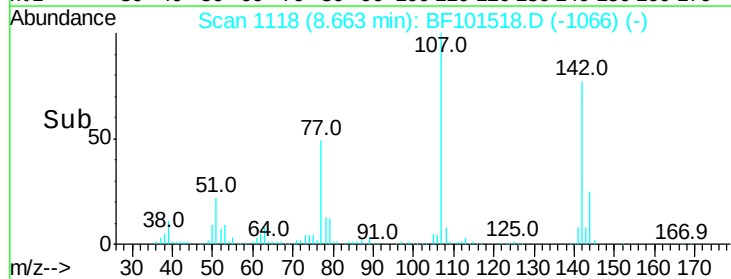
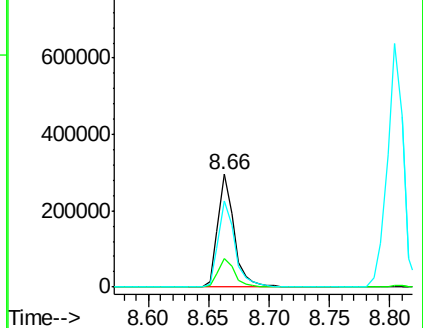
142 76.9 62.0 93.0

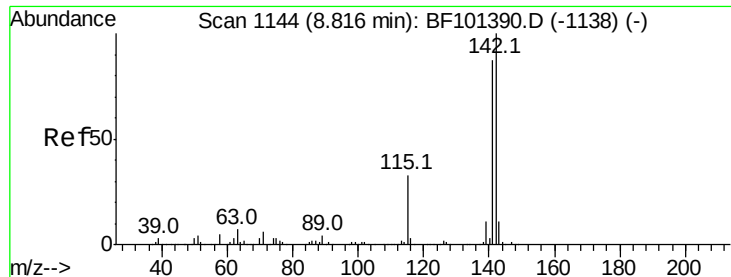


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





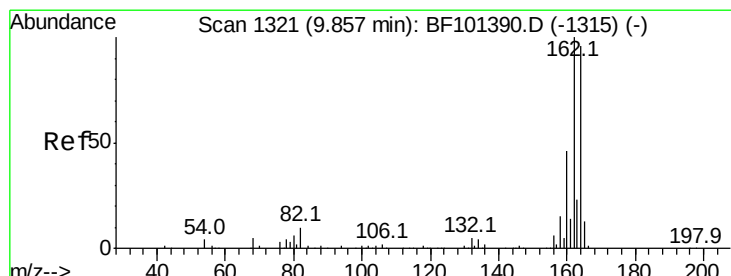
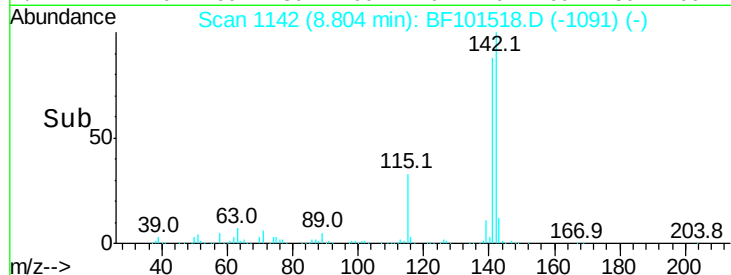
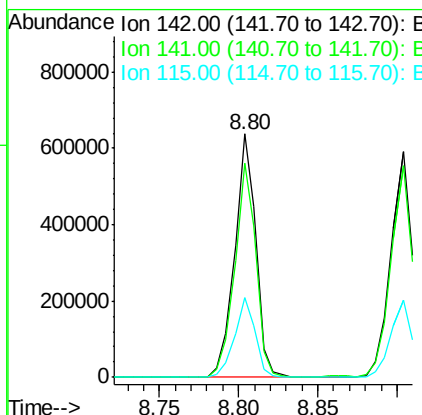
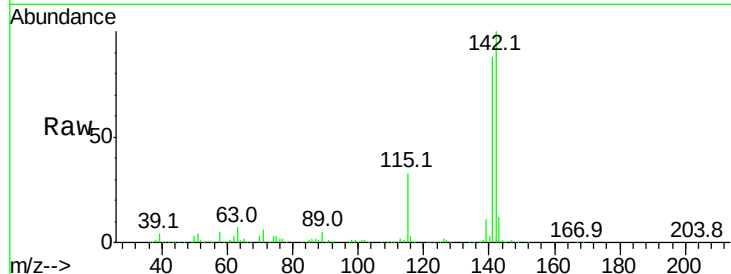
#37
2-Methylnaphthalene
Concen: 38.878 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	591337		
141	87.7	70.8	106.2	
115	32.5	26.1	39.1	

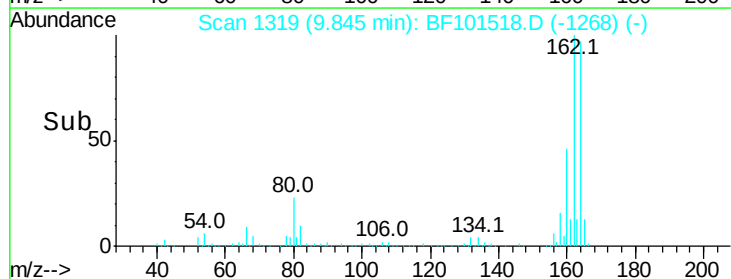
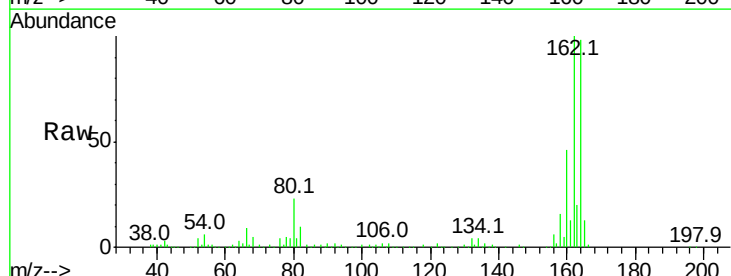
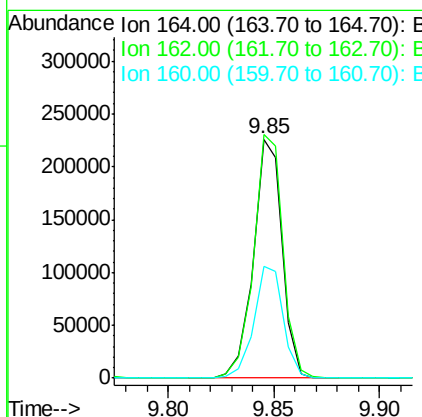
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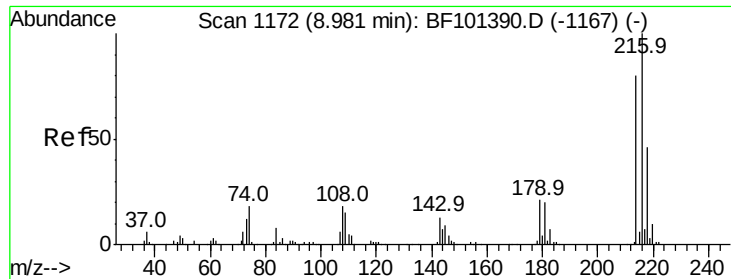
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	214138		
162	102.0	86.1	129.1	
160	46.9	38.3	57.5	





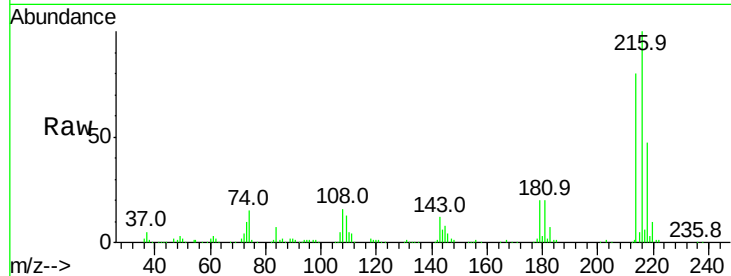
#39
1,2,4,5-Tetrachlorobenzene
Concen: 39.592 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

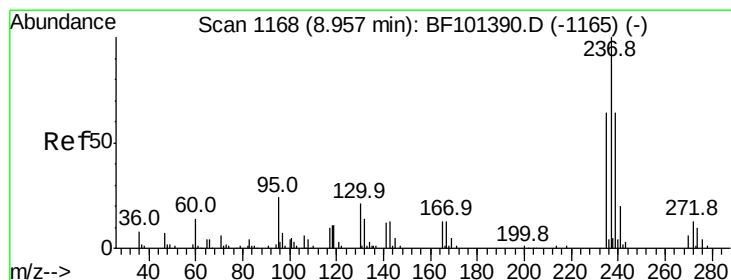
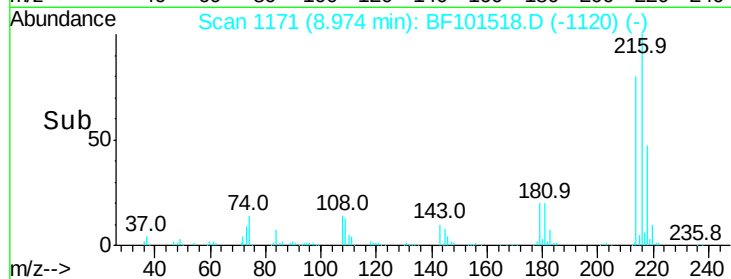
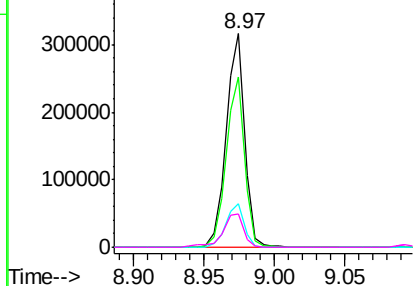
Tot Ion	Ratio	Resp	Lower	Upper
216	100	286244		
214	79.6	63.0	94.4	
179	20.3	18.1	27.1	
108	18.0	17.2	25.8	

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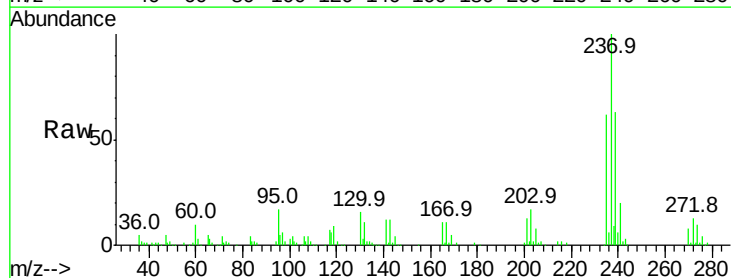


Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E

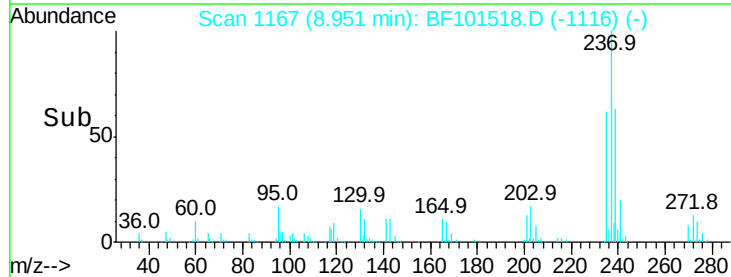
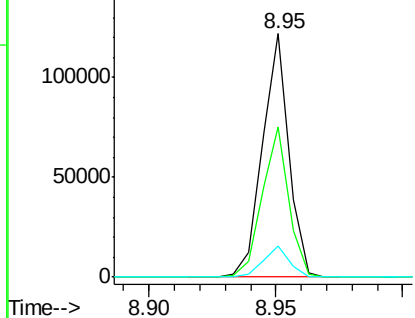


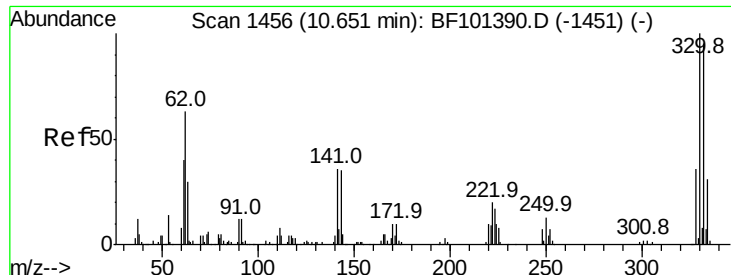
#40
Hexachlorocyclopentadiene
Concen: 64.077 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	87997		
235	61.9	44.8	84.8	
272	13.0	0.0	33.3	



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





#41

2,4,6-Tribromophenol

Concen: 126.315 ng

RT: 10.64 min Scan# 1455

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

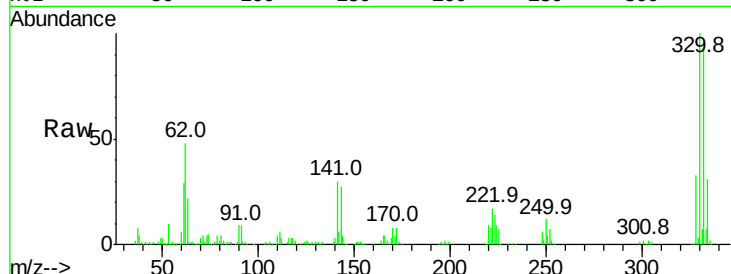
ClientSampleId :

PB105116BS

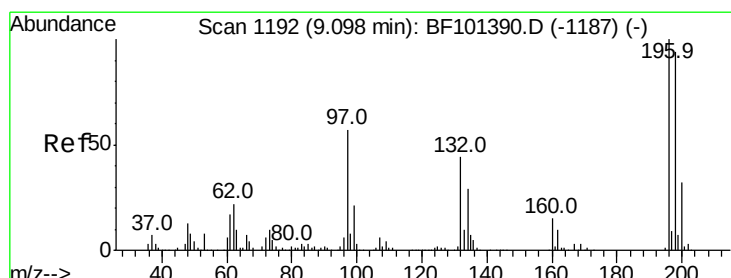
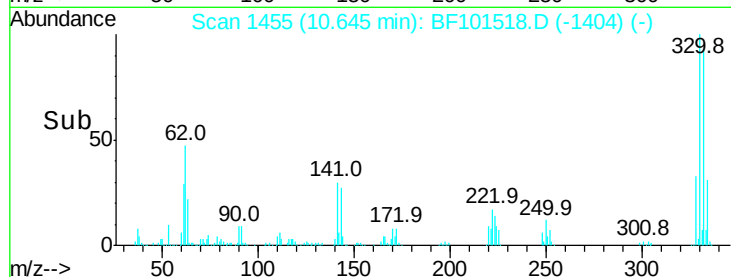
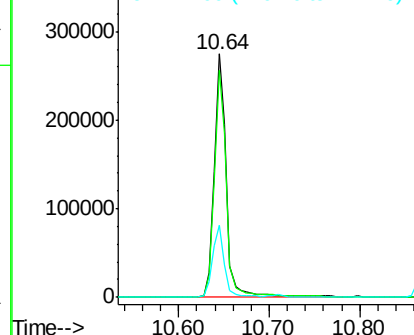
Tot Ion:	330	Resp:	260636
Ion Ratio	Lower	Upper	
330	100		
332	94.1	77.0	115.6
141	29.3	29.9	44.9#

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



#42

2,4,6-Trichlorophenol

Concen: 40.258 ng

RT: 9.09 min Scan# 1191

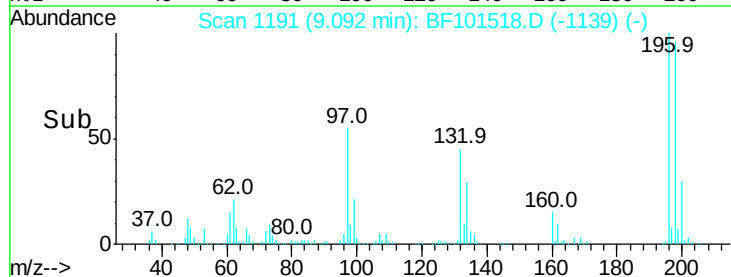
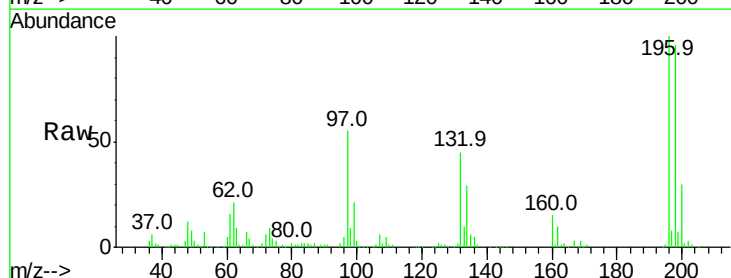
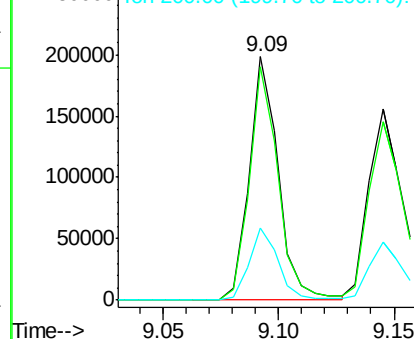
Delta R.T. 0.01 min

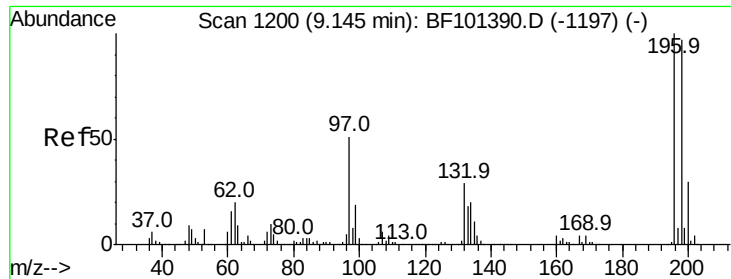
Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	196	Resp:	175225
Ion Ratio	Lower	Upper	
196	100		
198	95.7	75.7	113.5
200	29.6	24.5	36.7

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





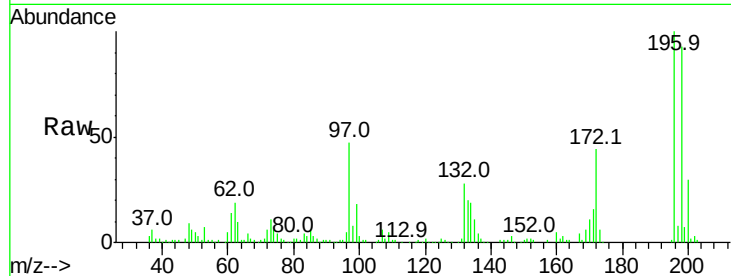
#43
2,4,5-Trichlorophenol
Concen: 37.411 ng
RT: 9.15 min Scan# 1200
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	178295		
198	93.4	74.6	112.0	
97	47.4	42.9	64.3	
132	28.5	26.3	39.5	

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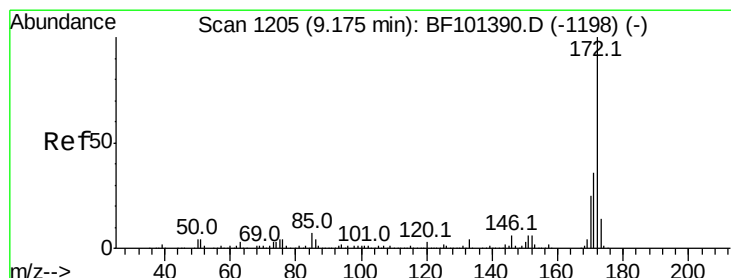
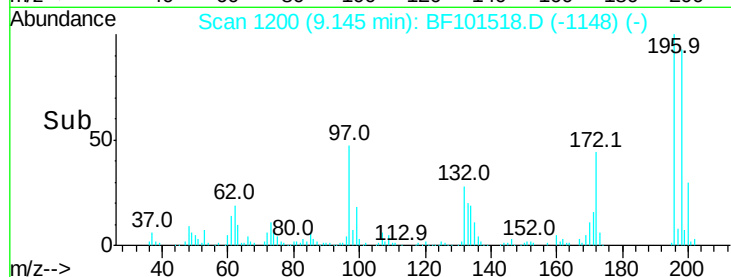
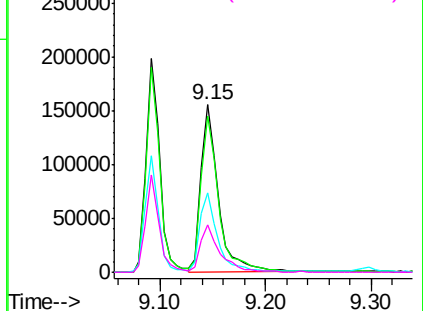
Abundance

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: 84.774 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

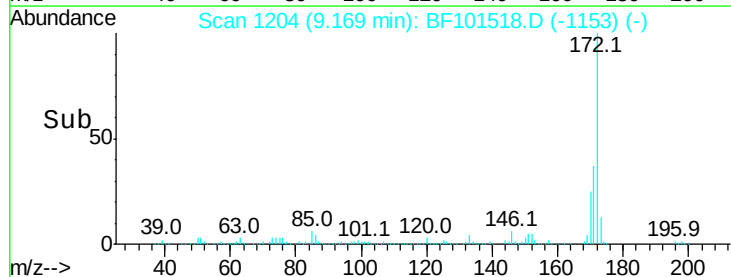
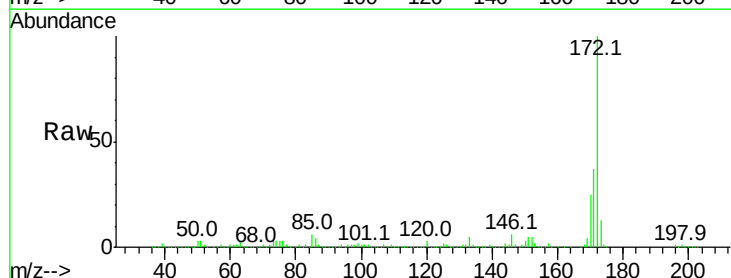
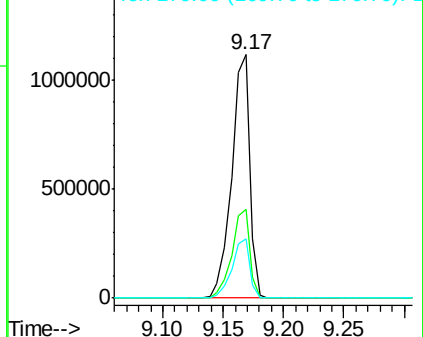
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1170243		
171	36.7	29.7	44.5	
170	24.5	19.6	29.4	

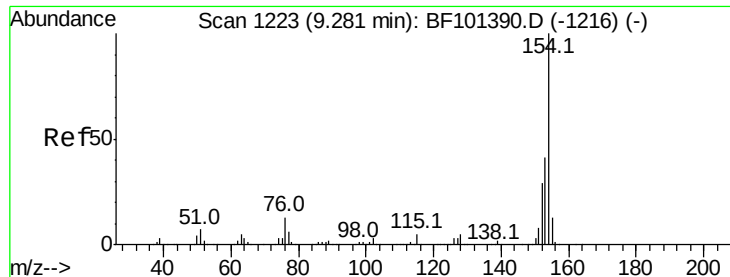
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





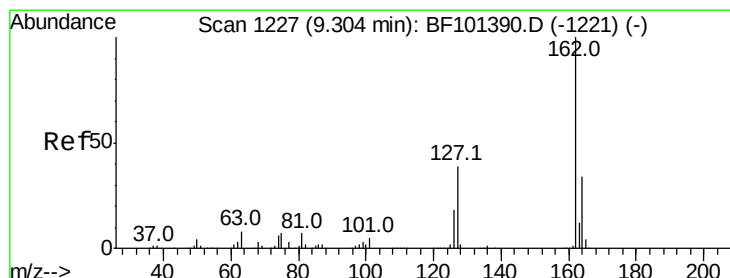
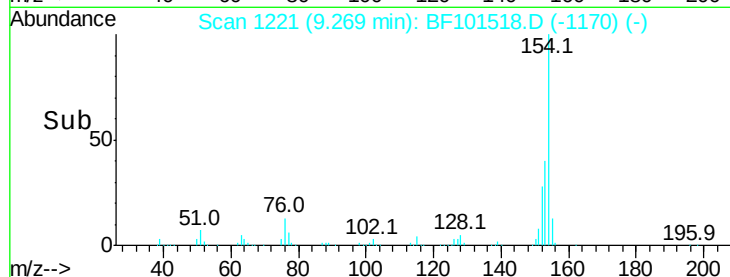
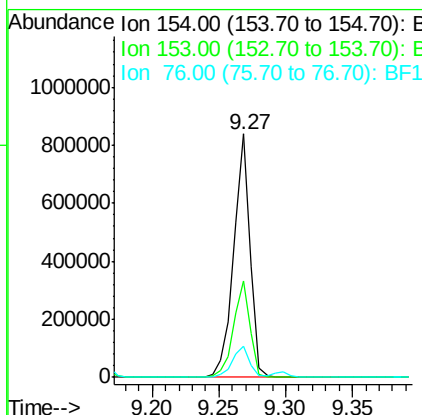
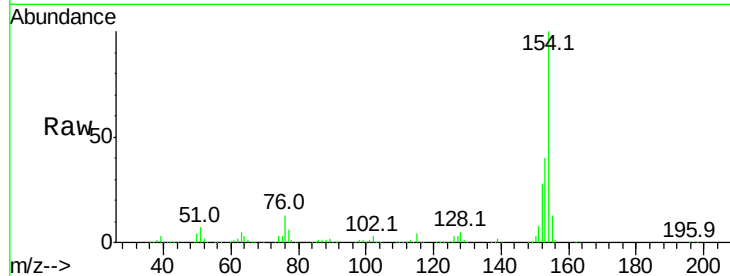
#45
 1,1'-Biphenyl
 Concen: 38.090 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	39.7	21.3	61.3		
76	12.7	0.0	34.0		

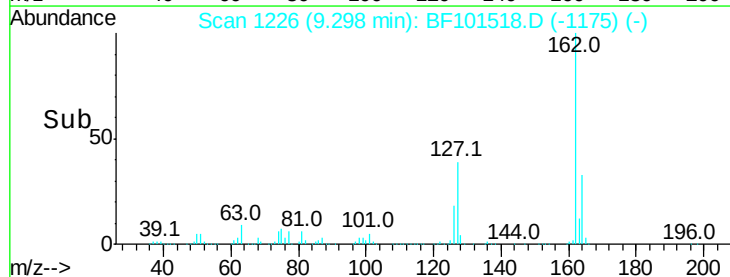
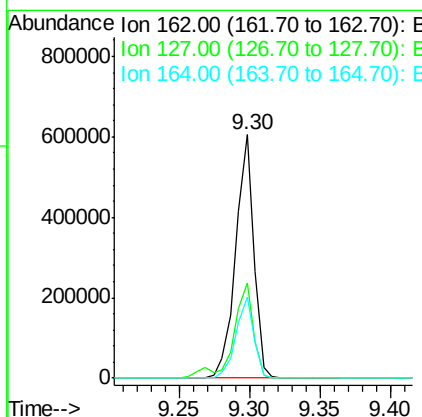
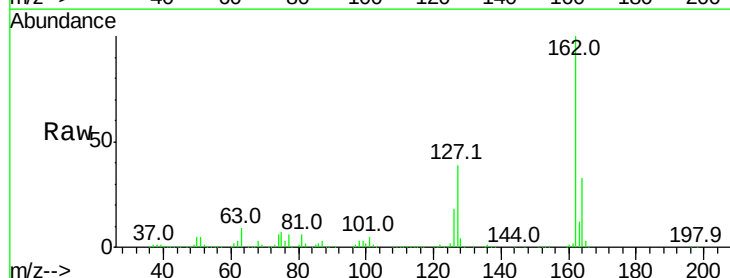
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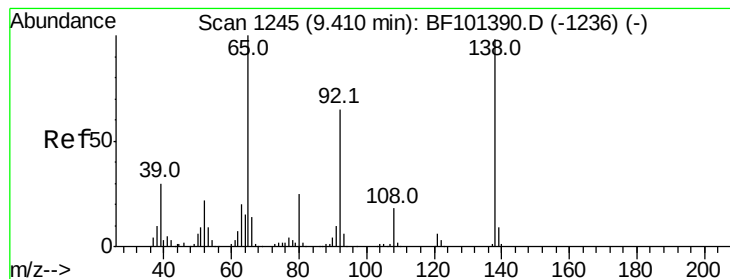
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#46
 2-Chloronaphthalene
 Concen: 37.287 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	39.0	33.9	50.9		
164	33.5	26.5	39.7		





#47

2-Nitroaniline

Concen: 36.364 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tot Ion: 65 Resp: 182537
Ion Ratio Lower Upper

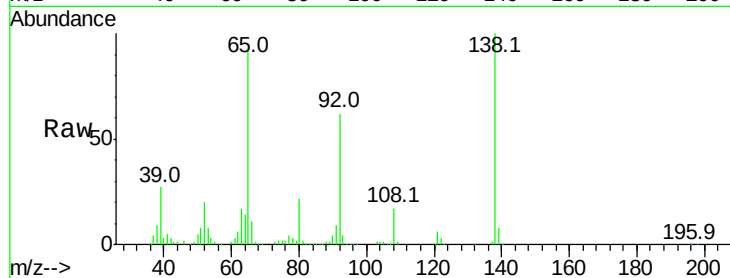
65 100

92 67.6 55.8 83.6

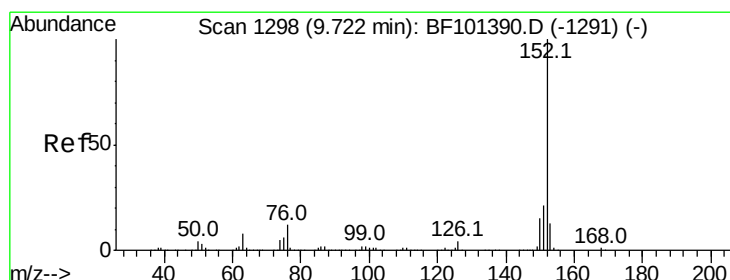
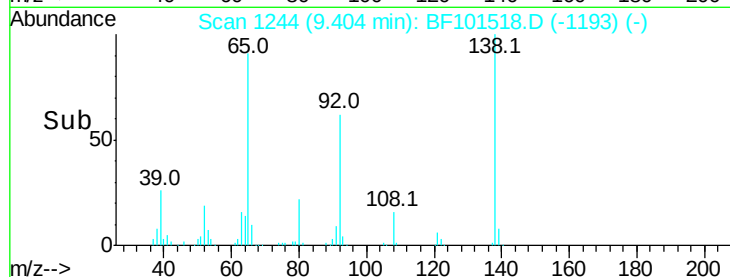
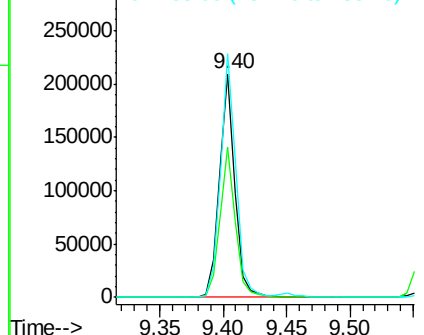
138 109.1 91.2 136.8

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Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#48

Acenaphthylene

Concen: 35.506 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF101518.D

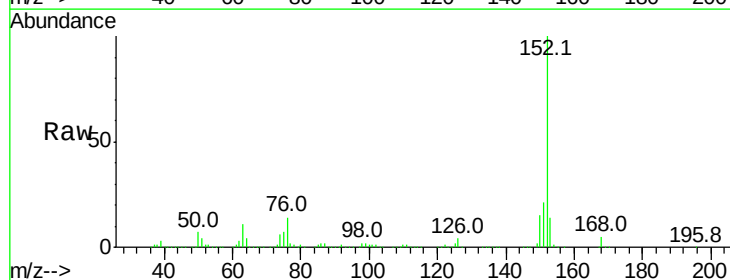
Acq: 19 Dec 2017 13:23

Tgt Ion: 152 Resp: 814908
Ion Ratio Lower Upper

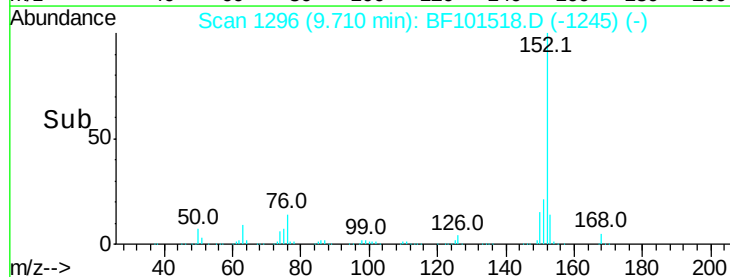
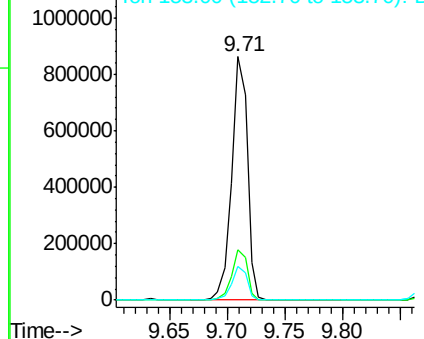
152 100

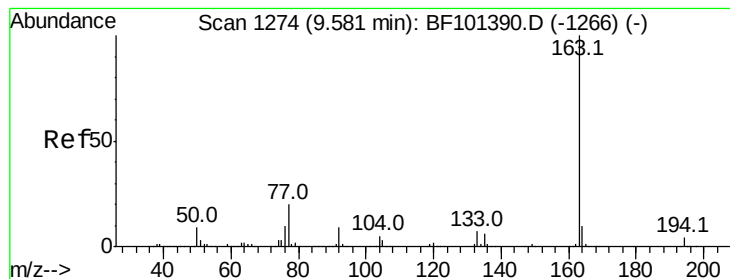
151 20.5 16.3 24.5

153 13.6 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 35.126 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

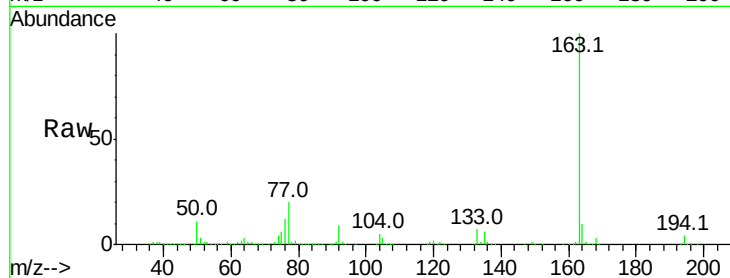
ClientSampleId :

PB105116BS

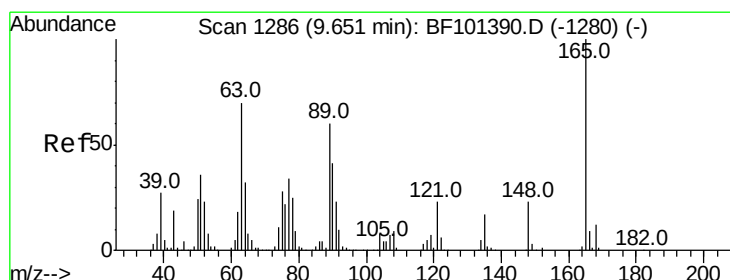
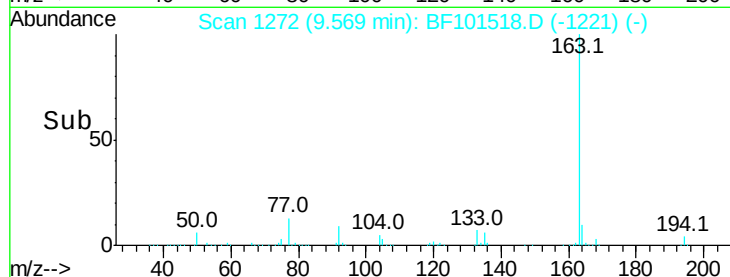
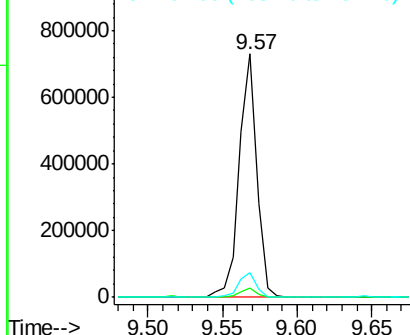
Tot Ion:	163	Resp:	605024
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2

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



#50

2,6-Dinitrotoluene

Concen: 39.299 ng

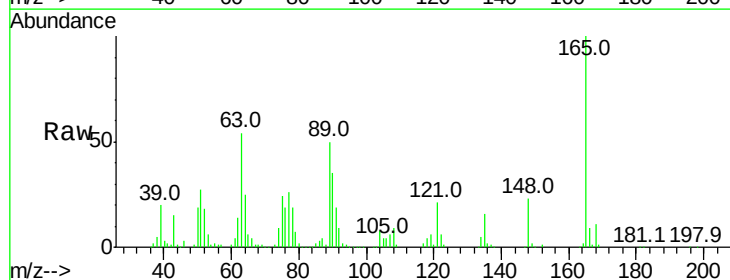
RT: 9.65 min Scan# 1285

Delta R.T. -0.00 min

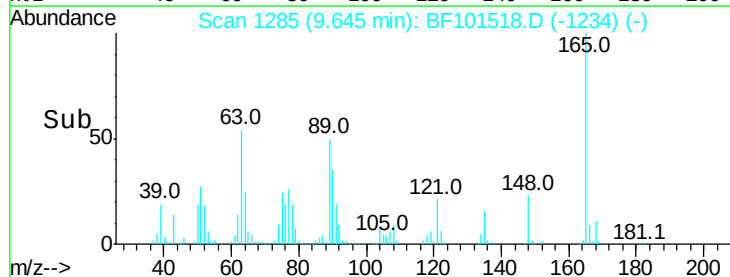
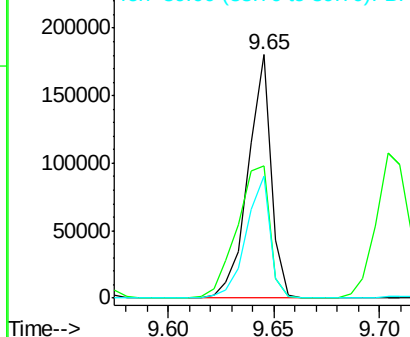
Lab File: BF101518.D

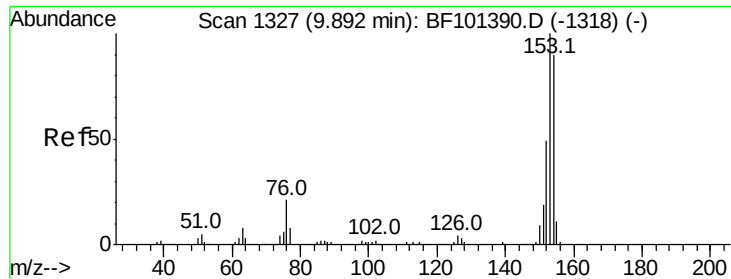
Acq: 19 Dec 2017 13:23

Tgt Ion:	165	Resp:	137576
Ion Ratio	Lower	Upper	
165	100		
63	54.2	44.7	67.1
89	50.3	44.0	66.0



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





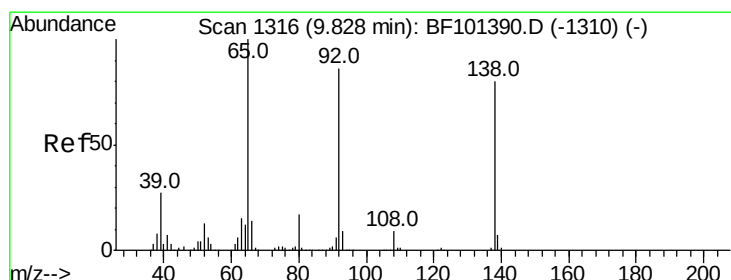
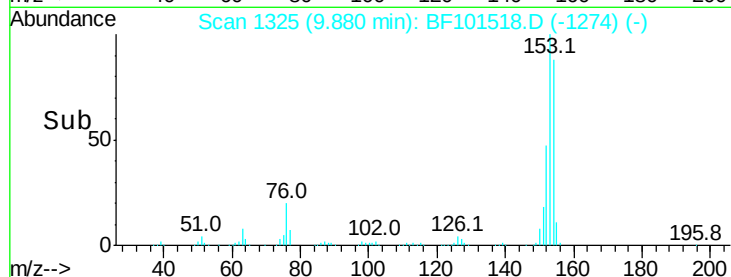
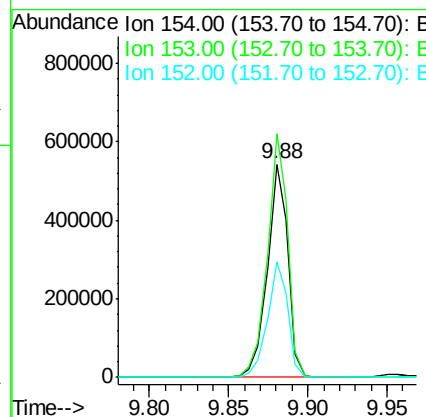
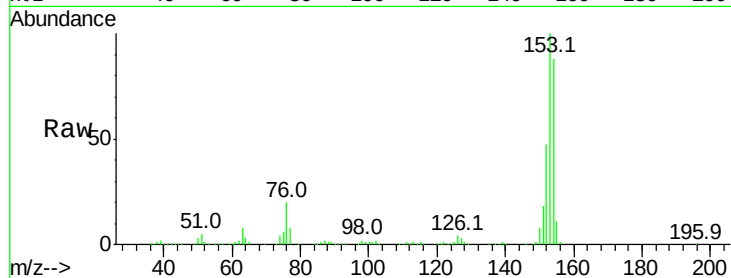
#51
Acenaphthene
Concen: 35.743 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.1	91.2	136.8	
152	54.1	43.8	65.8	

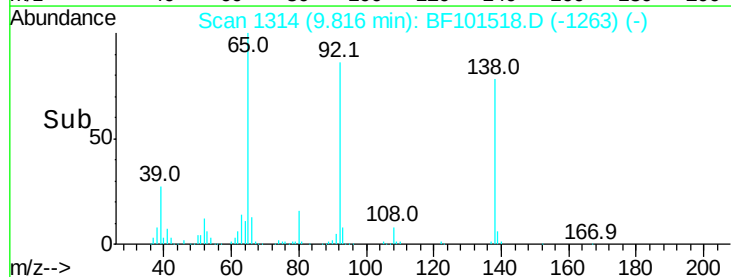
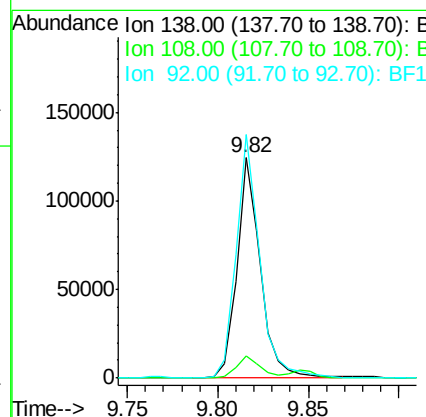
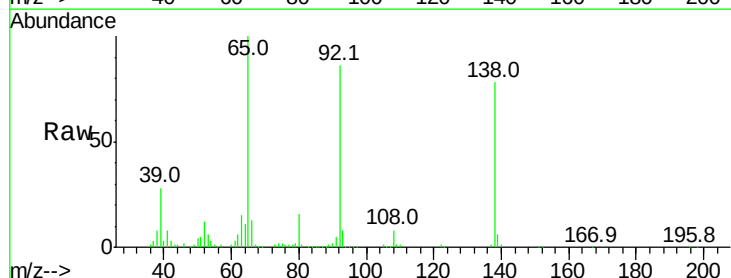
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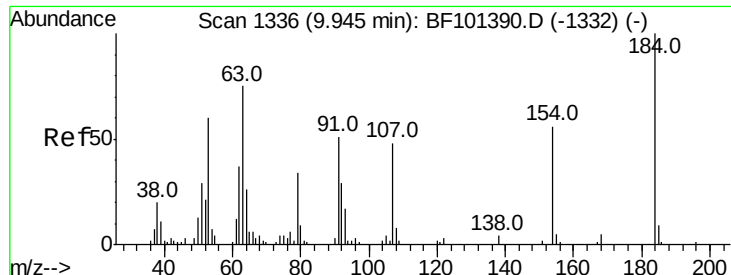
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#52
3-Nitroaniline
Concen: 25.744 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
108	9.8	9.4	14.0	
92	110.5	89.4	134.2	





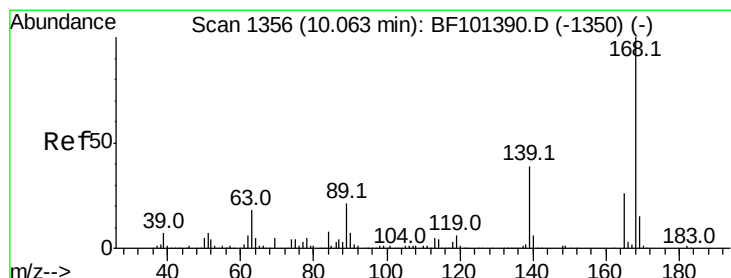
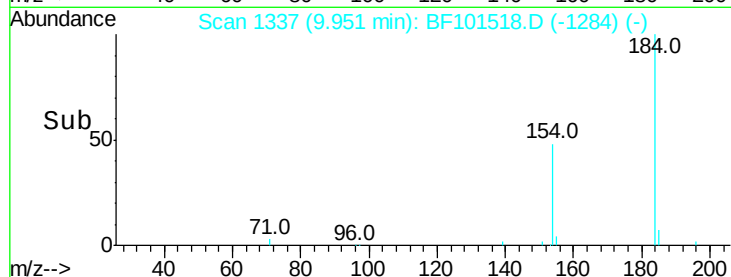
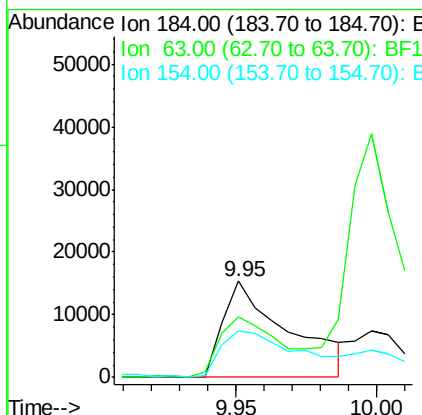
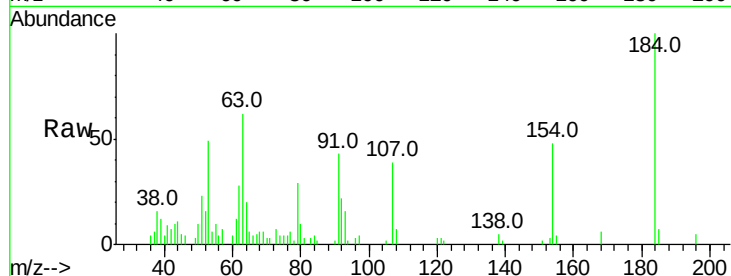
#53
2,4-Dinitrophenol
Concen: 27.913 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	62.4	54.2	81.2
154	48.0	184.0	276.0#

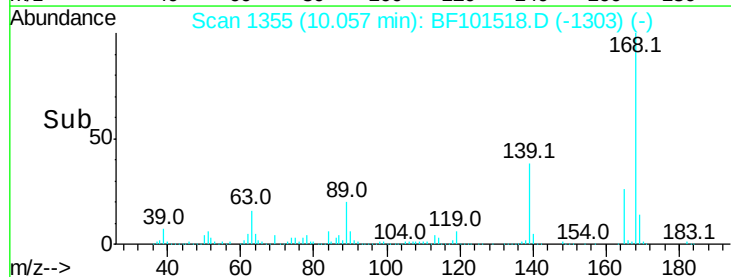
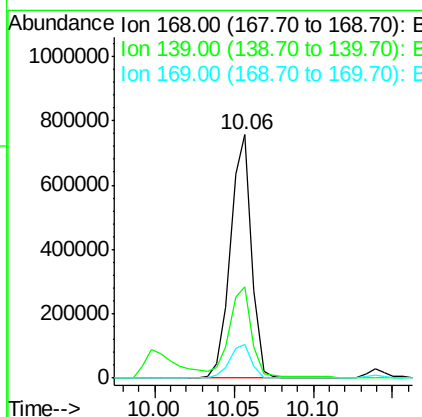
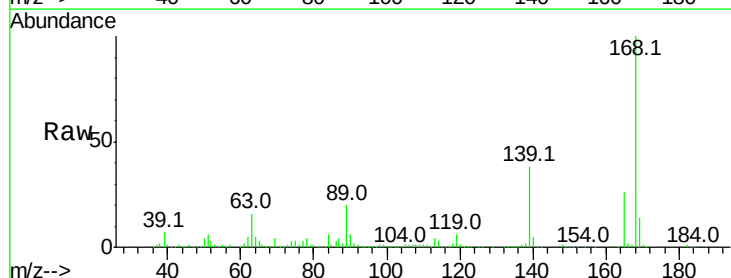
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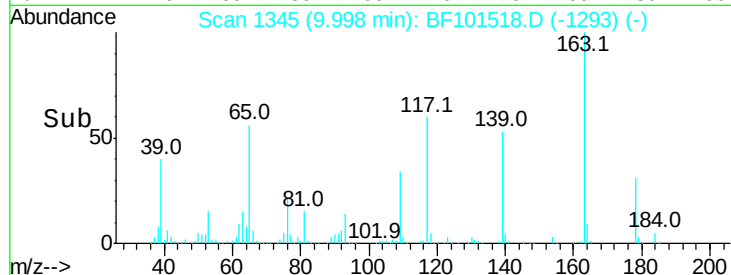
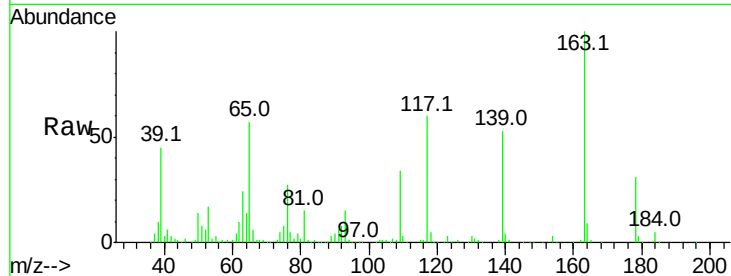
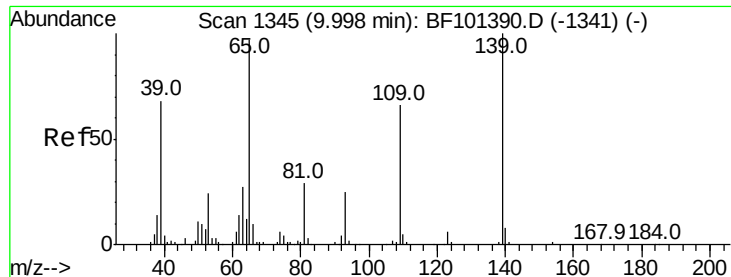
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#54
Dibenzofuran
Concen: 39.604 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.1	45.1
169	14.1	10.9	16.3





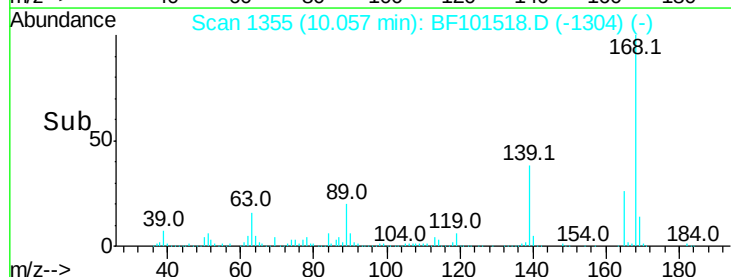
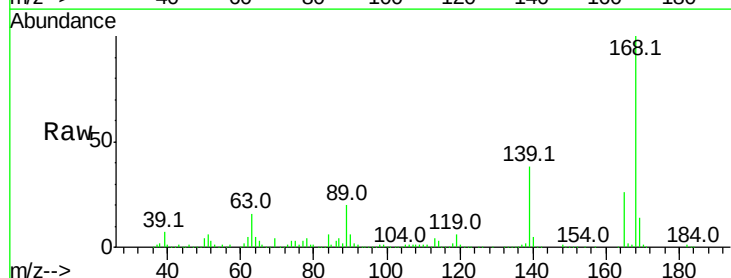
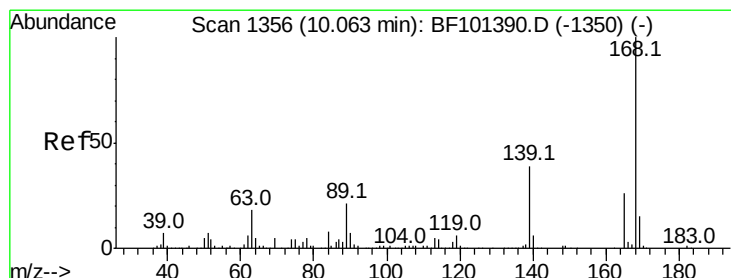
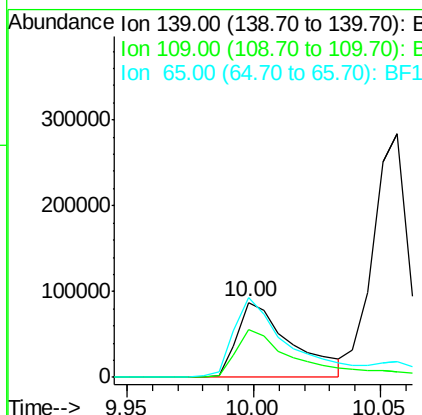
#55
4-Nitrophenol
Concen: 67.898 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	64.3	48.4	88.4
65	106.8	72.6	112.6

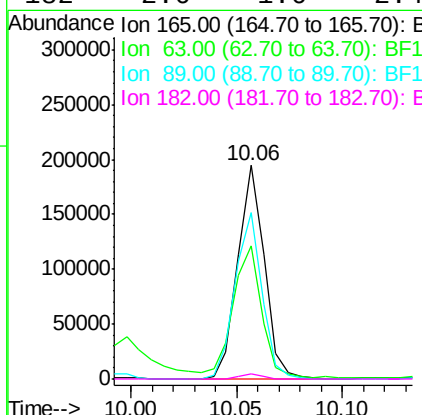
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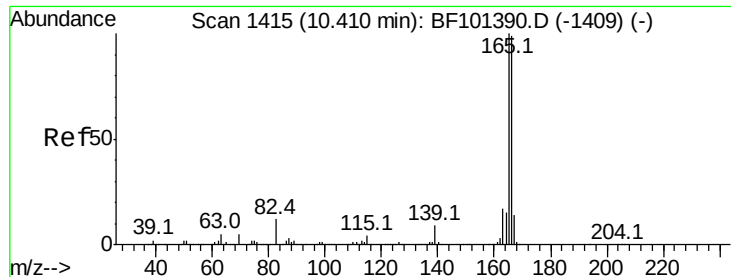
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#56
2,4-Dinitrotoluene
Concen: 43.087 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	62.5	36.4	54.6#
89	78.2	57.8	86.6
182	2.6	1.6	2.4#





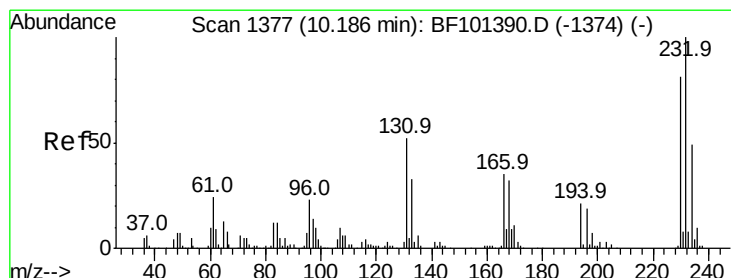
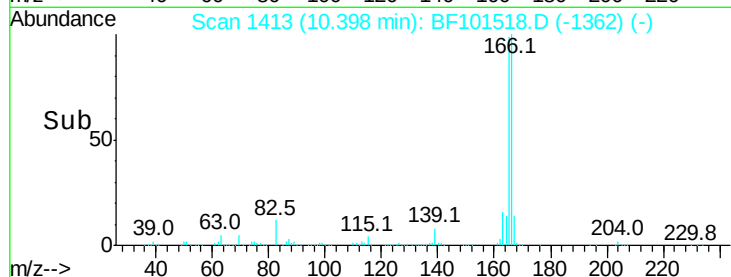
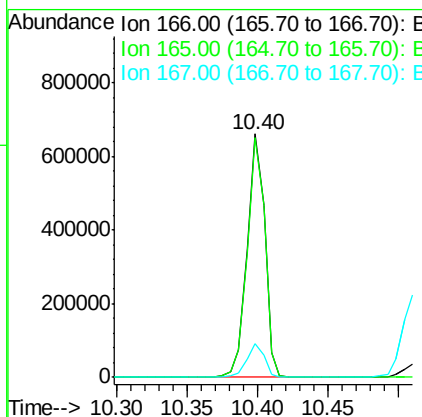
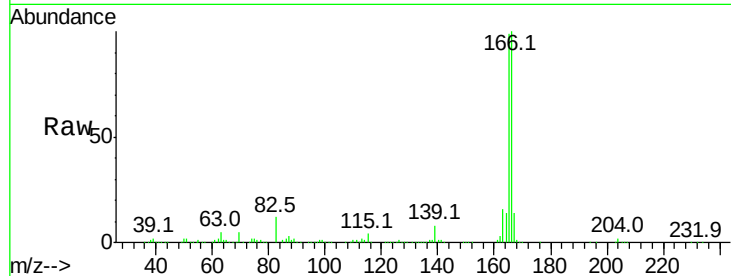
#57
 Fluorene
 Concen: 39.078 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.7	79.8	119.8
167	13.6	10.6	16.0

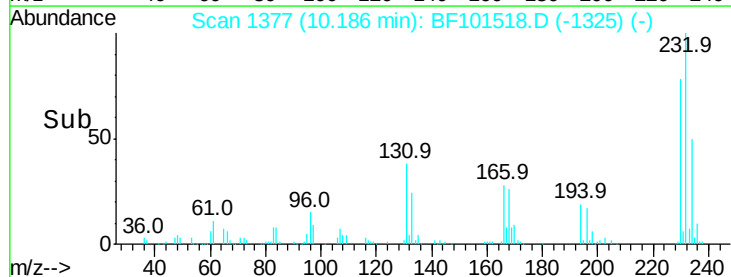
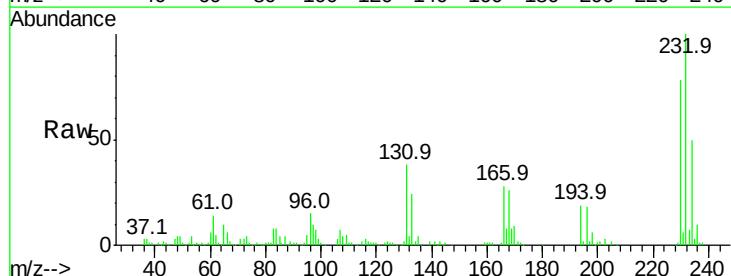
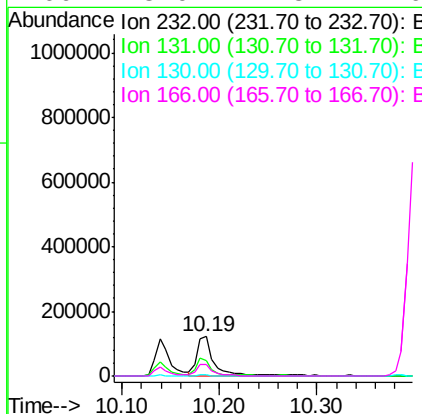
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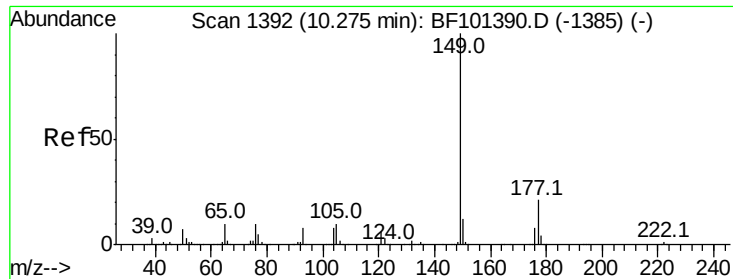
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.571 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
232	100		
131	41.6	43.8	65.8#
130	2.2	2.1	3.1
166	28.0	27.8	41.6





#59

Diethylphthalate

Concen: 37.009 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

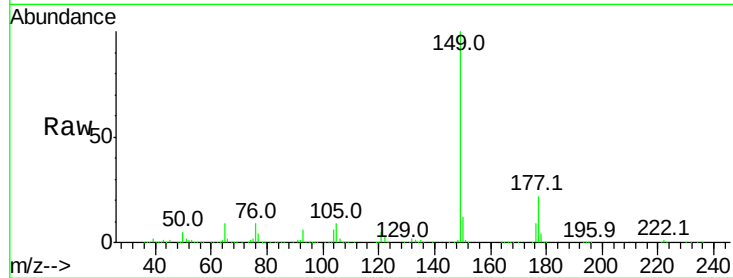
ClientSampleId :

PB105116BS

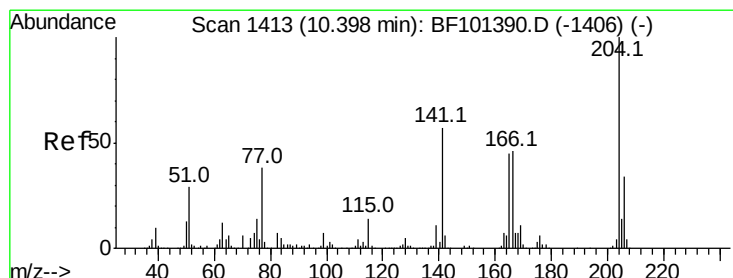
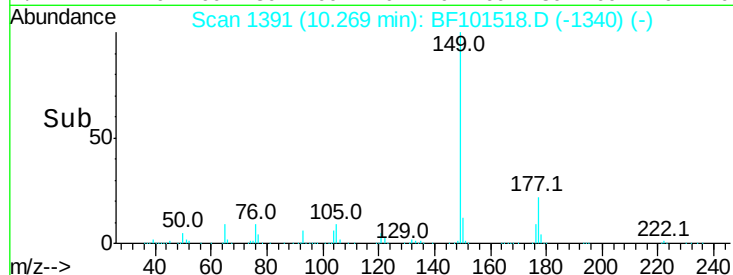
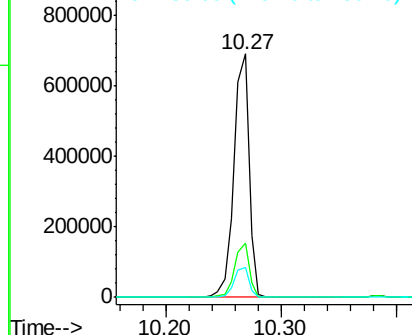
Tot Ion:	149	Resp:	631268
Ion Ratio	Lower	Upper	
149	100		
177	22.1	16.1	24.1
150	12.1	10.1	15.1

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.686 ng

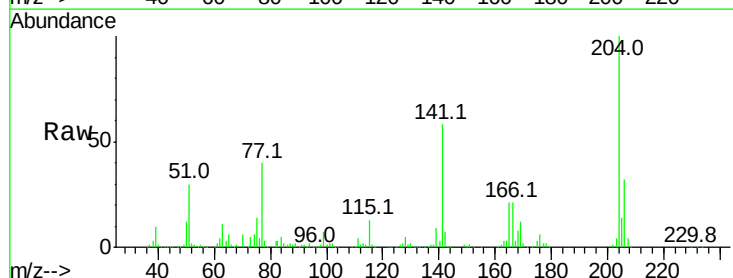
RT: 10.39 min Scan# 1411

Delta R.T. -0.00 min

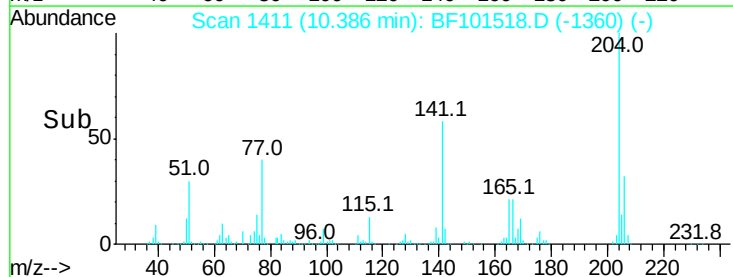
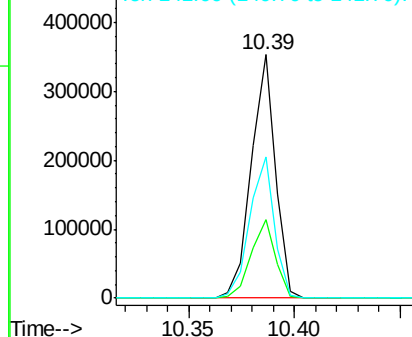
Lab File: BF101518.D

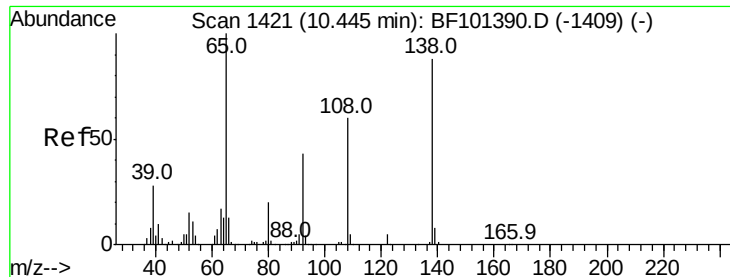
Acq: 19 Dec 2017 13:23

Tgt Ion:	204	Resp:	281953
Ion Ratio	Lower	Upper	
204	100		
206	32.5	26.5	39.7
141	57.9	54.6	81.8



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





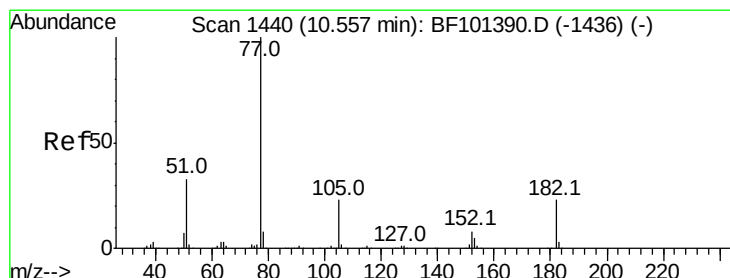
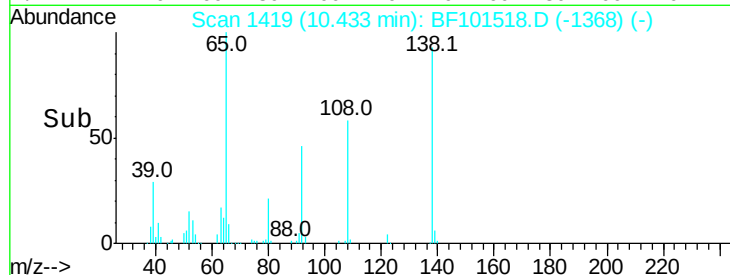
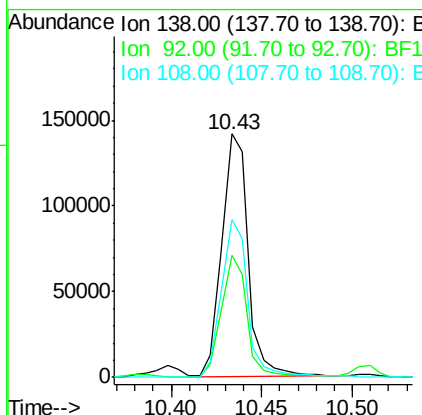
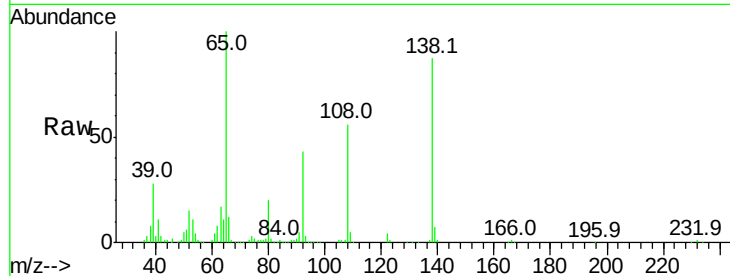
#61
4-Nitroaniline
Concen: 32.706 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	143483		
92	49.9	30.2	70.2	
108	64.6	52.5	92.5	

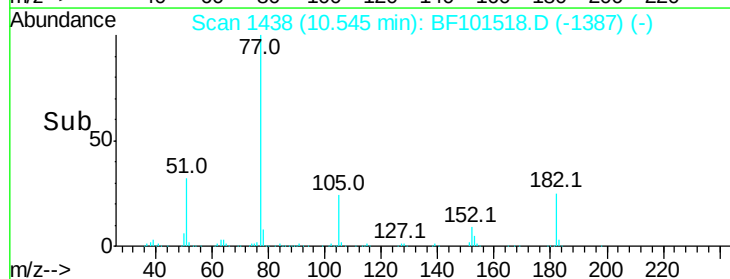
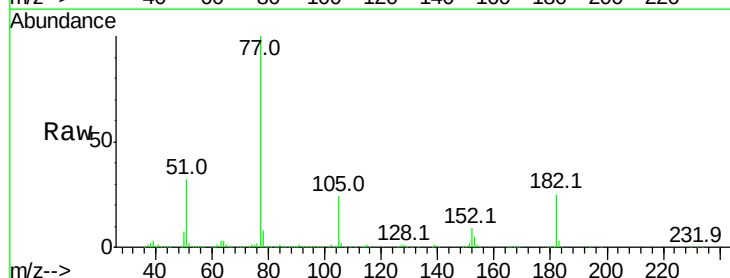
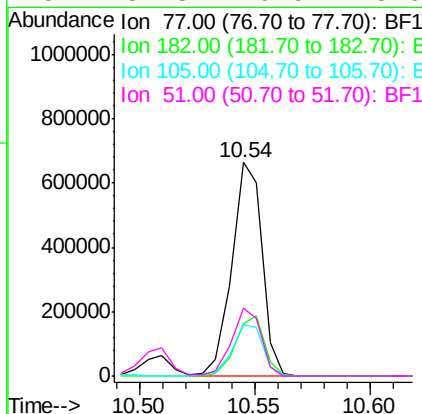
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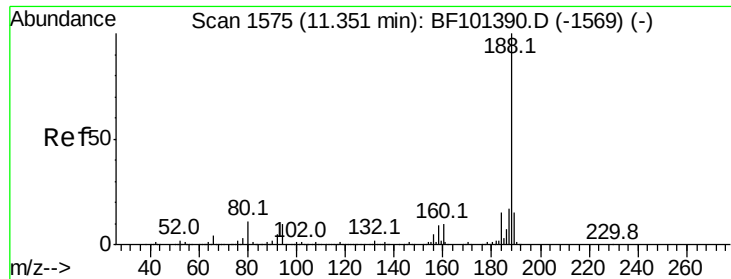
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#62
Azobenzene
Concen: 34.290 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	605892		
182	24.9	1.7	41.7	
105	24.0	3.0	43.0	
51	31.8	9.9	49.9	





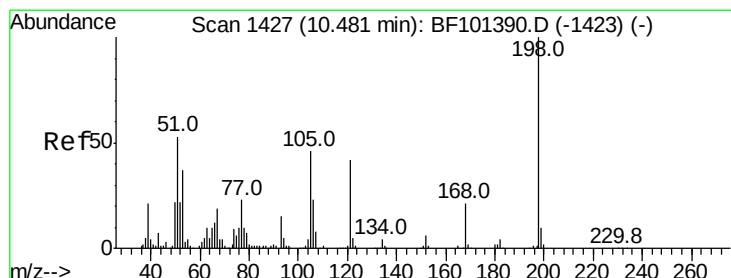
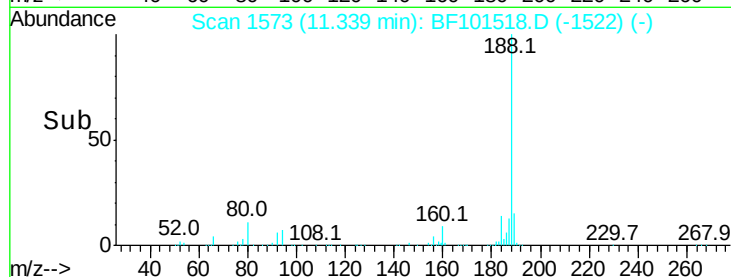
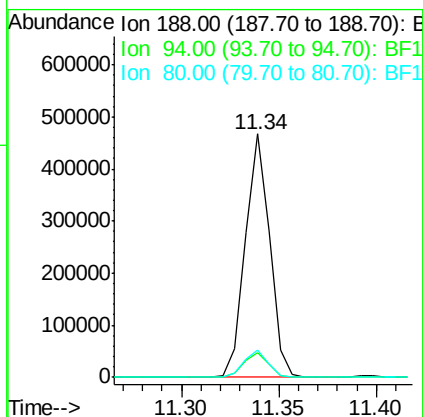
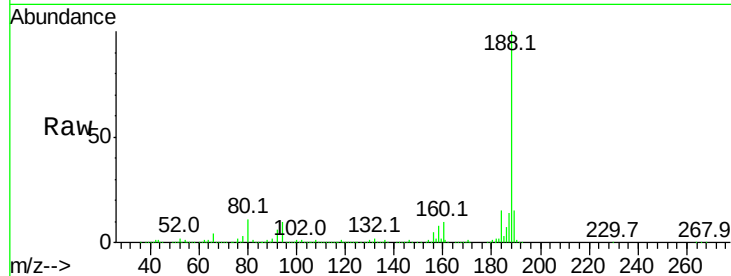
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	8.5	12.7	
80	11.2	9.2	13.8	

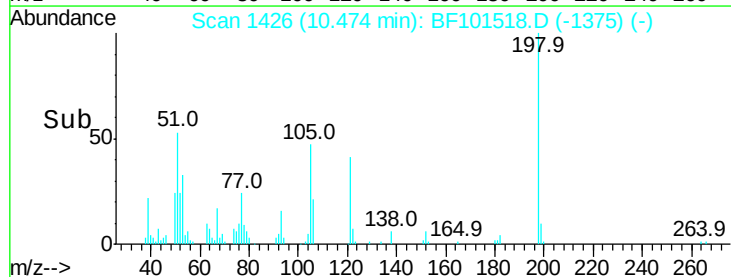
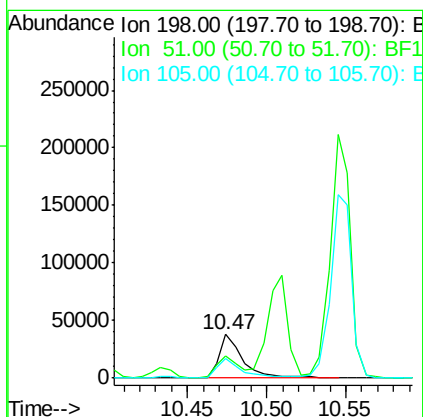
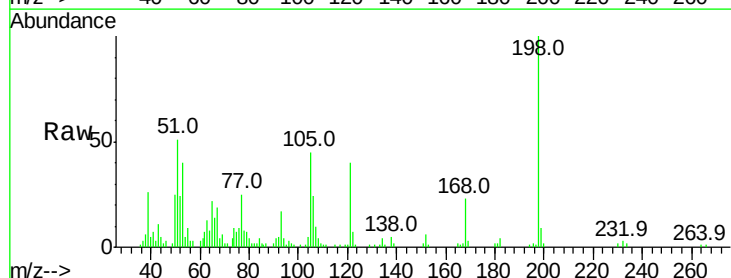
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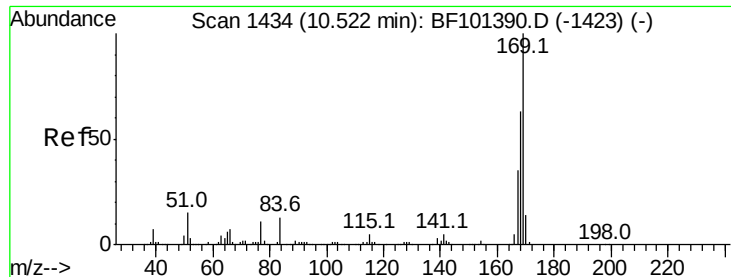
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#64
4,6-Dinitro-2-methylphenol
Concen: 19.200 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	50.7	37.7	77.7	
105	44.5	36.3	76.3	





#65

n-Nitrosodiphenylamine

Concen: 36.159 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

ClientSampleId :

PB105116BS

Tot Ion:169 Resp: 540536

Ion Ratio Lower Upper

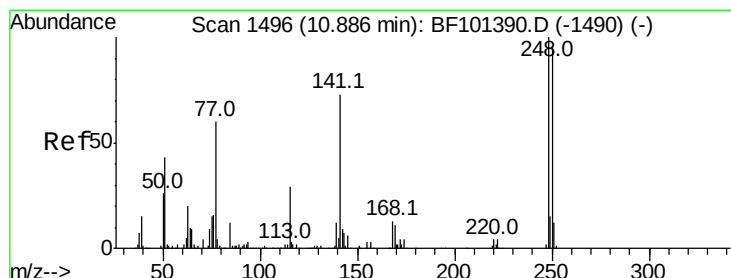
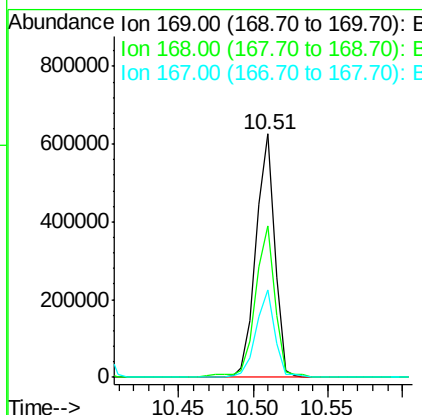
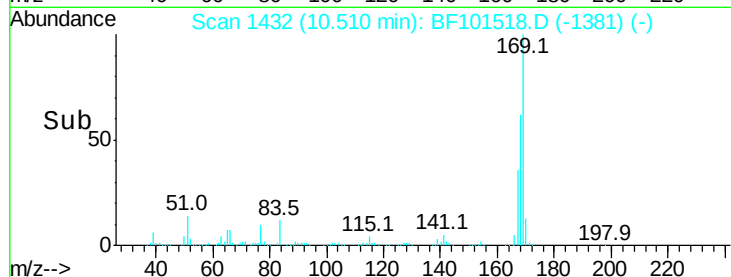
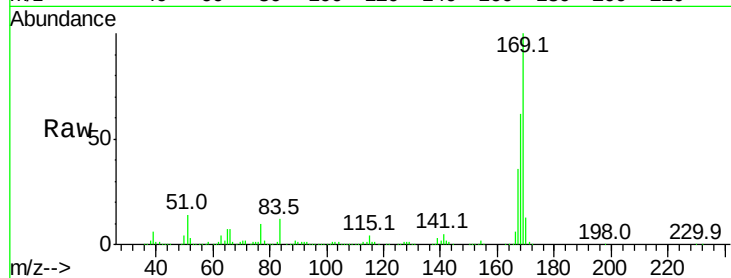
169 100

168 62.4 54.4 81.6

167 35.8 29.8 44.6

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#66

4-Bromophenyl-phenylether

Concen: 39.570 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

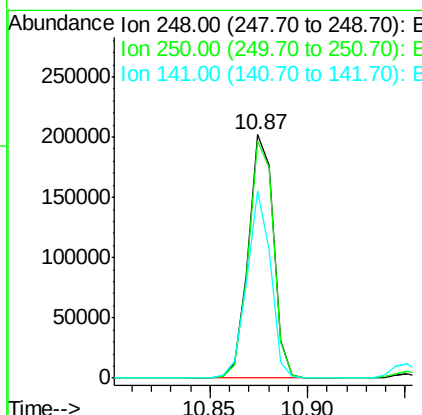
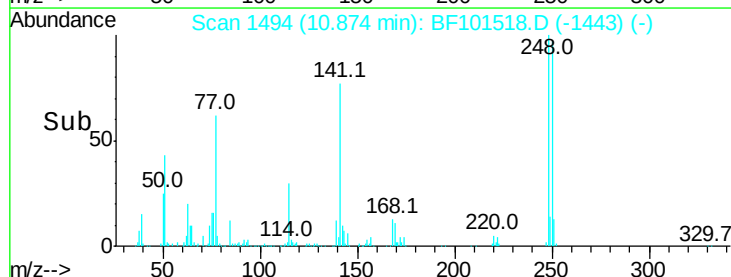
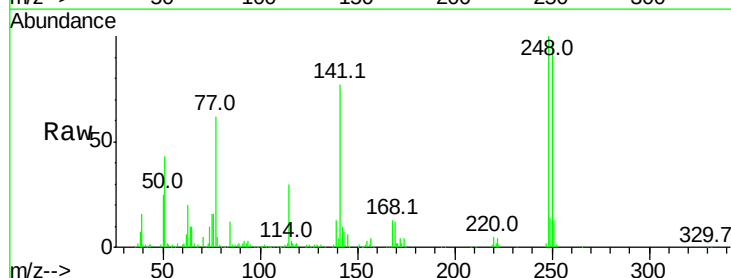
Tgt Ion:248 Resp: 180006

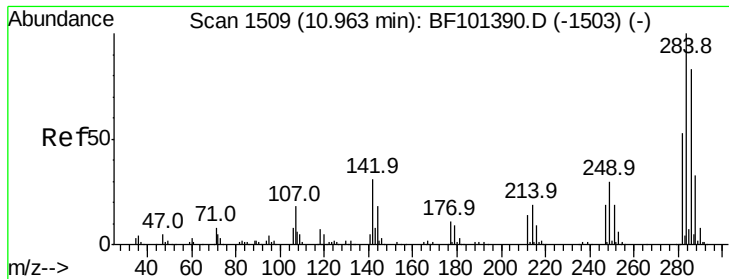
Ion Ratio Lower Upper

248 100

250 97.2 76.9 115.3

141 76.9 74.4 111.6





#67

Hexachlorobenzene

Concen: 39.013 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

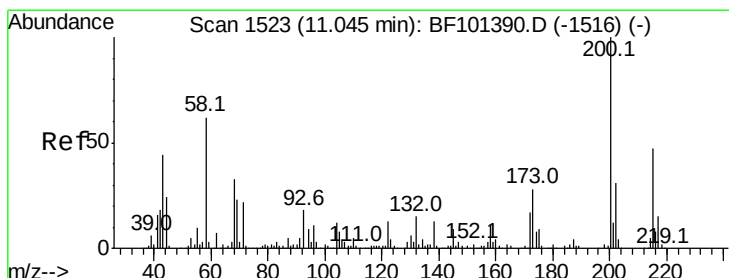
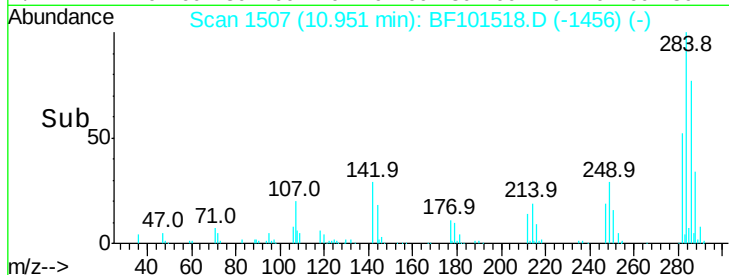
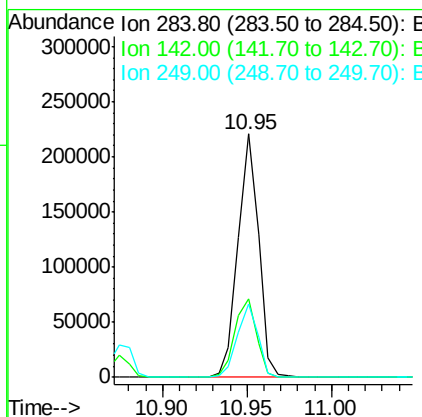
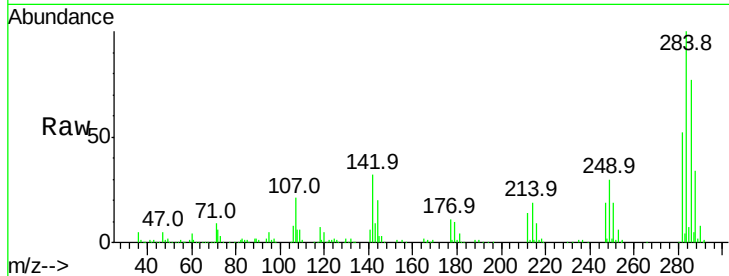
ClientSampleId :

PB105116BS

Tot Ion:	284	Resp:	187831
Ion Ratio		Lower	Upper
284	100		
142	32.4	34.6	52.0#
249	30.3	24.8	37.2

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#68

Atrazine

Concen: 40.901 ng

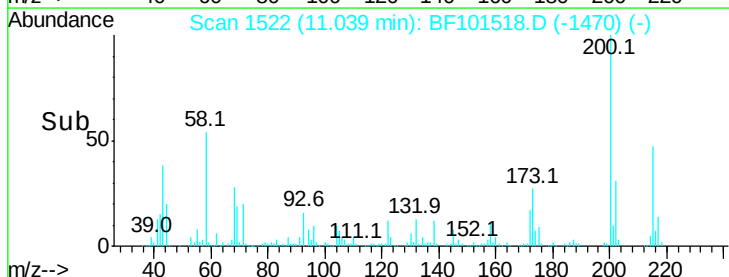
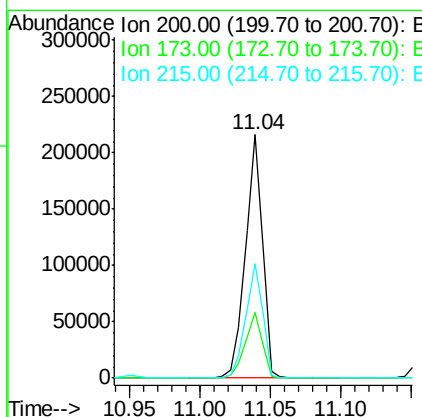
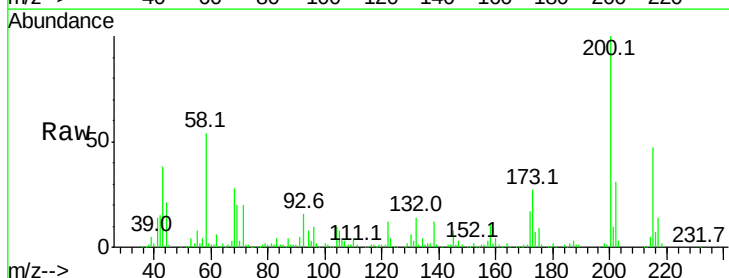
RT: 11.04 min Scan# 1522

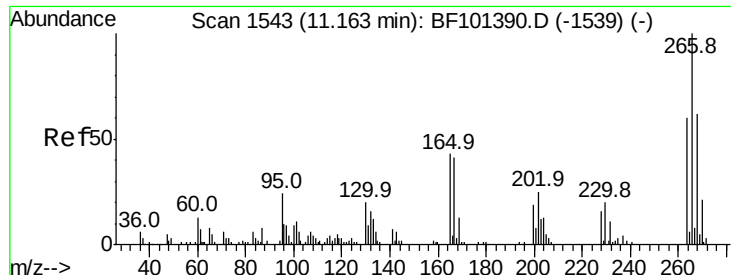
Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	200	Resp:	182312
Ion Ratio		Lower	Upper
200	100		
173	26.8	8.6	48.6
215	47.2	25.1	65.1





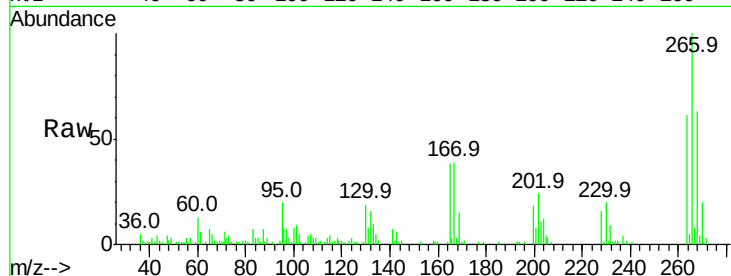
#69
 Pentachlorophenol
 Concen: 54.105 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	96971		
268	63.5		51.1	76.7
264	60.6		49.5	74.3

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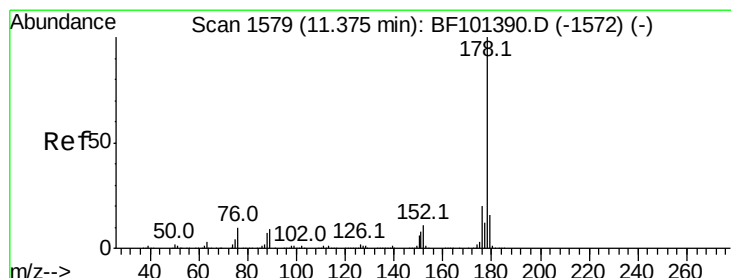
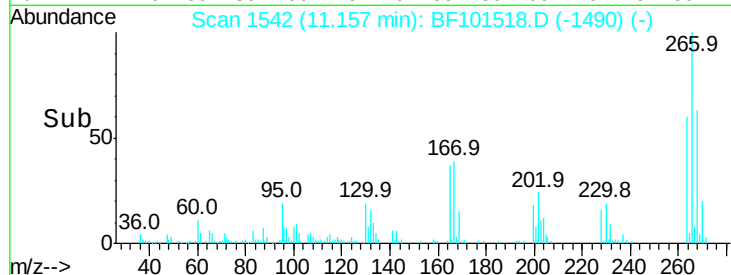
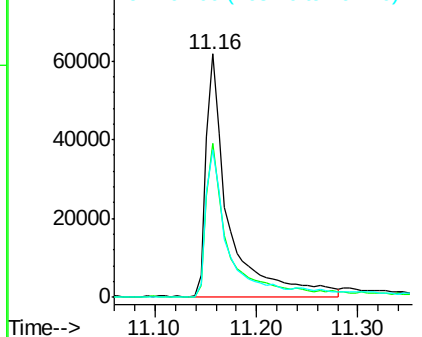


Abundance

Ion 265.70 (265.40 to 266.40): E

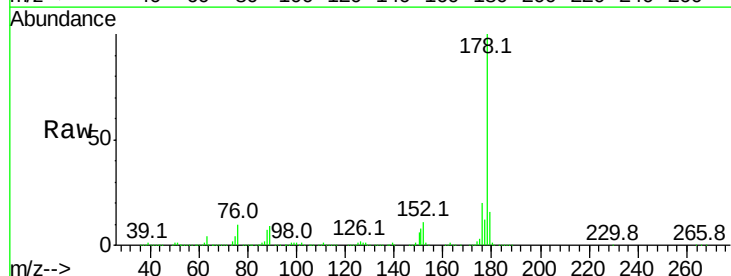
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 37.175 ng
 RT: 11.36 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	836964		
176	20.1		15.8	23.8
179	16.0		13.0	19.6

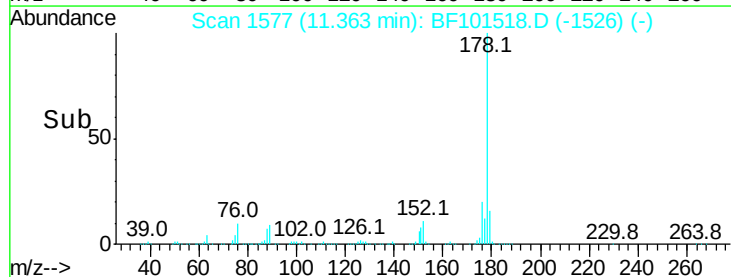
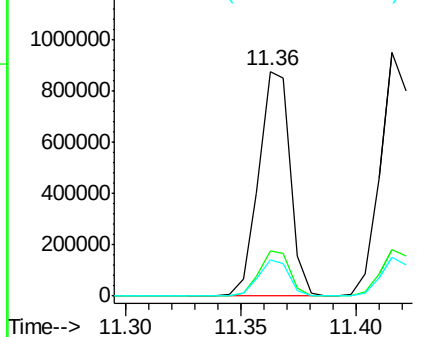


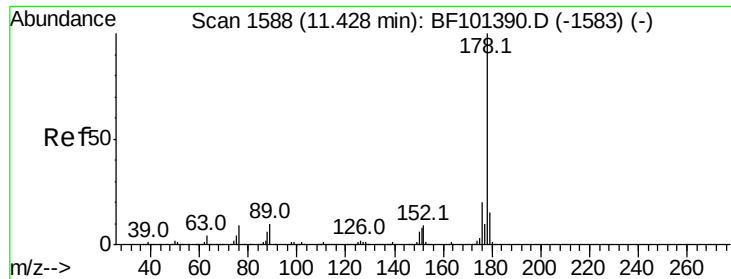
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





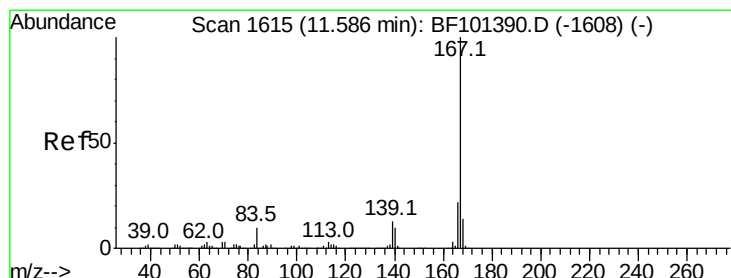
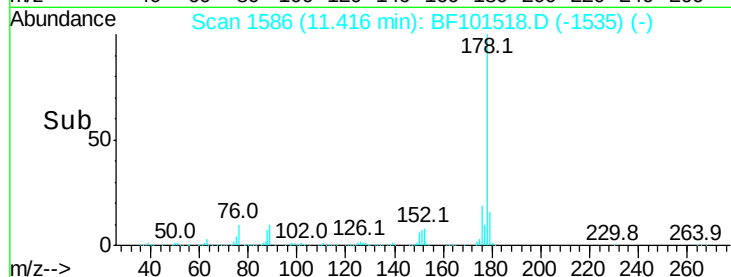
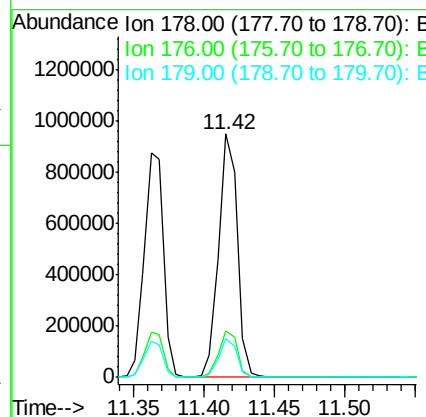
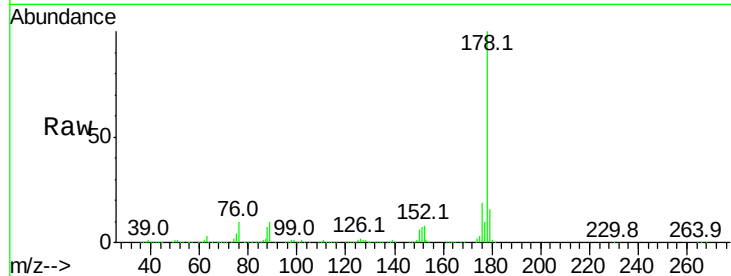
#71
 Anthracene
 Concen: 38.151 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.8	12.6	19.0

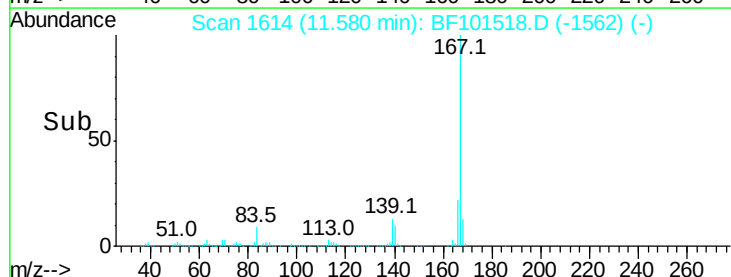
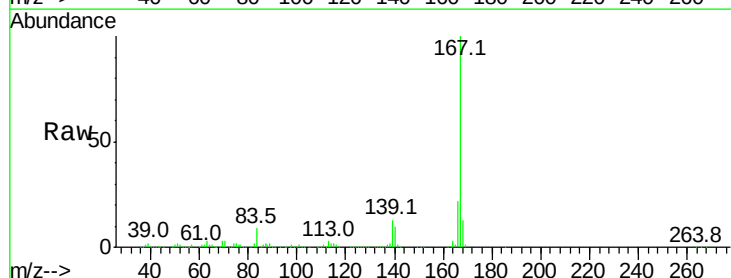
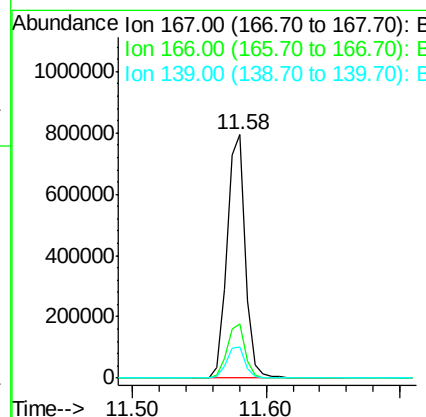
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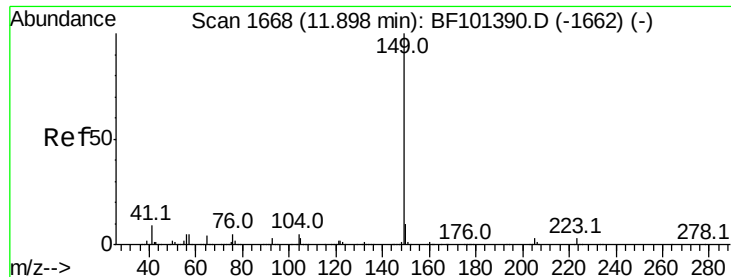
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#72
 Carbazole
 Concen: 35.672 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

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





#73

Di-n-butylphthalate

Concen: 37.544 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

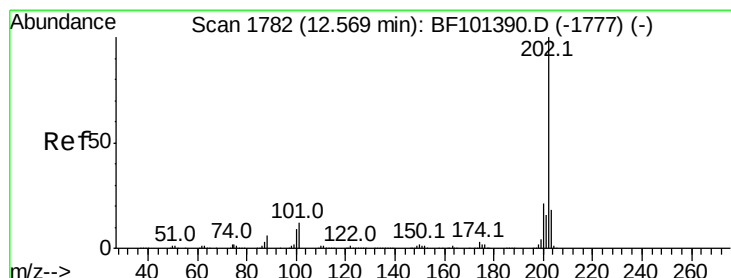
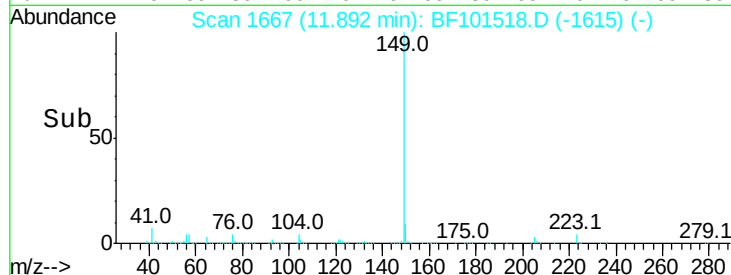
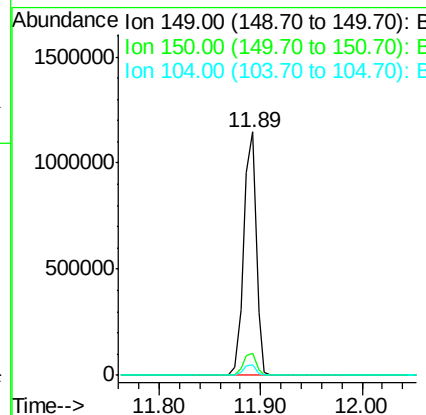
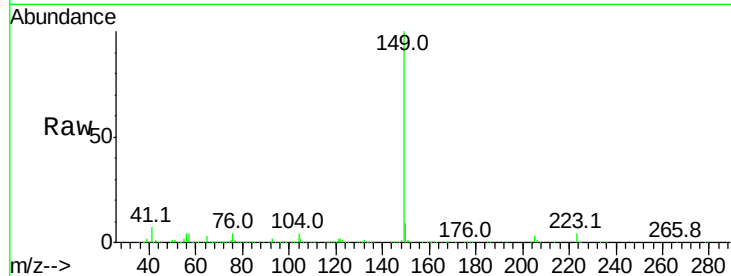
ClientSampleId :

PB105116BS

Tot Ion:	149	Resp:	981171
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.3	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 37.147 ng

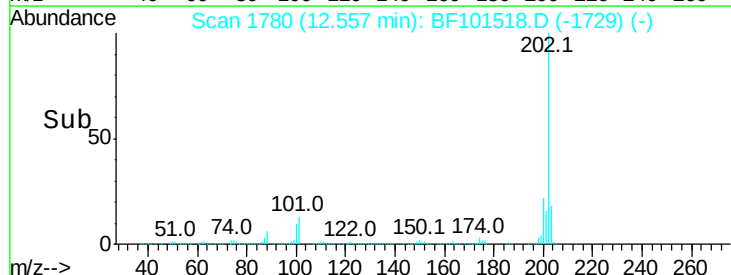
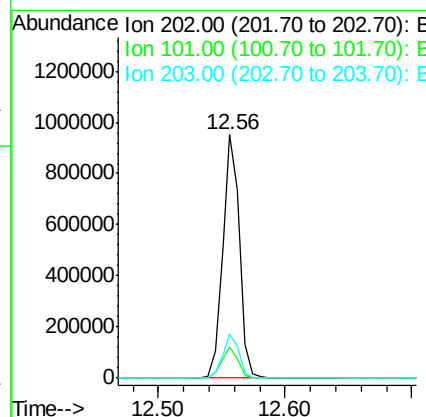
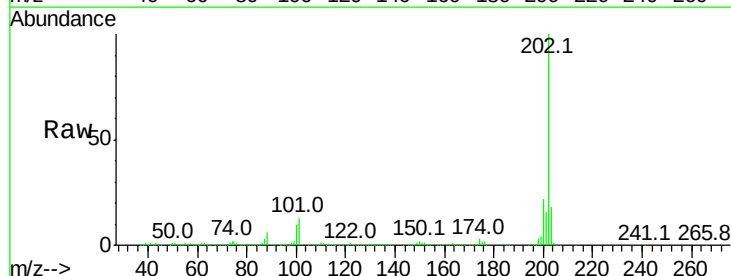
RT: 12.56 min Scan# 1780

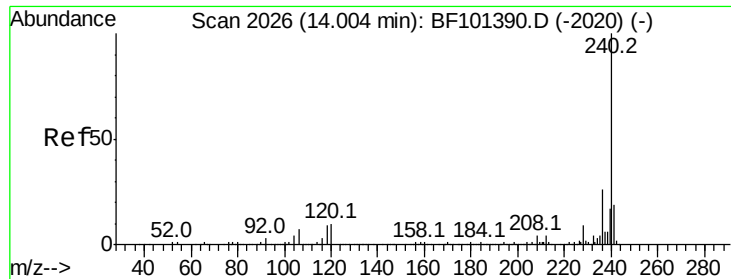
Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	202	Resp:	877859
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

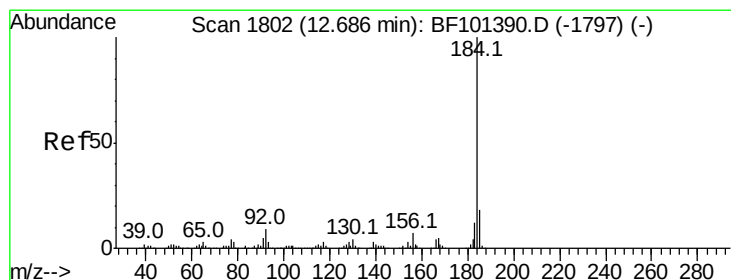
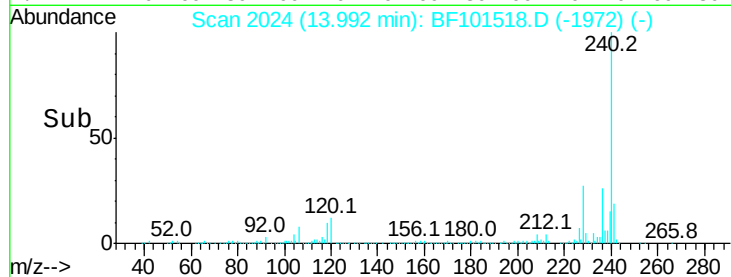
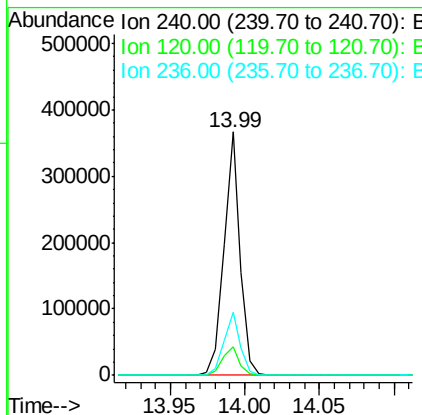
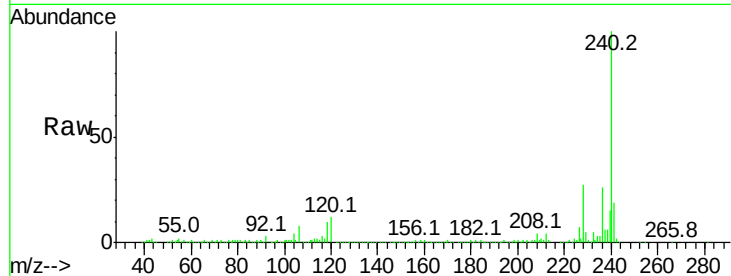
ClientSampleId :

PB105116BS

Tot Ion:	240	Resp:	279647
Ion Ratio	Lower	Upper	
240	100		
120	11.6	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 26.061 ng

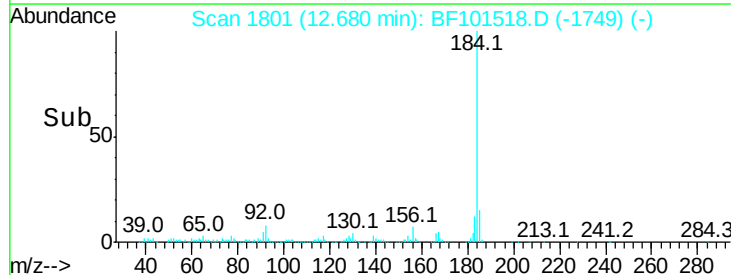
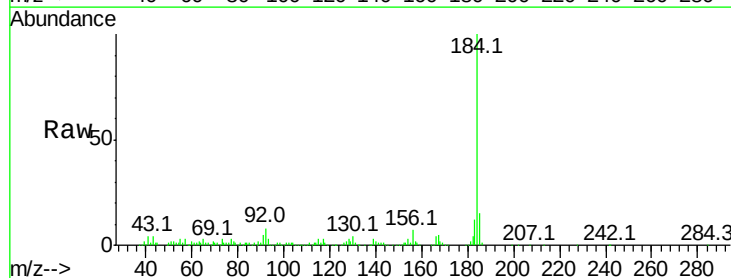
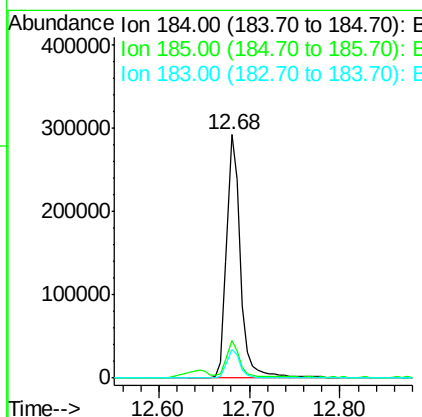
RT: 12.68 min Scan# 1801

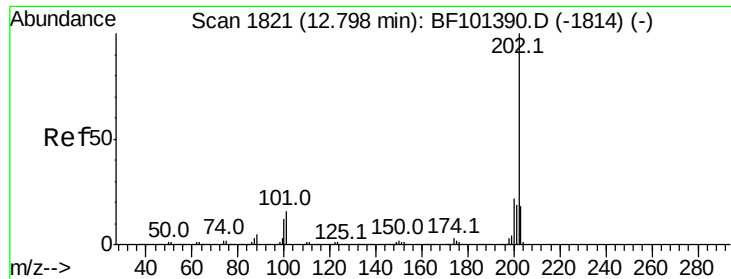
Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	184	Resp:	307808
Ion Ratio	Lower	Upper	
184	100		
185	15.3	12.6	18.8
183	11.8	9.3	13.9





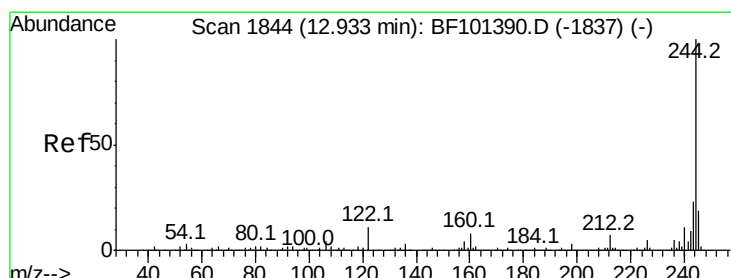
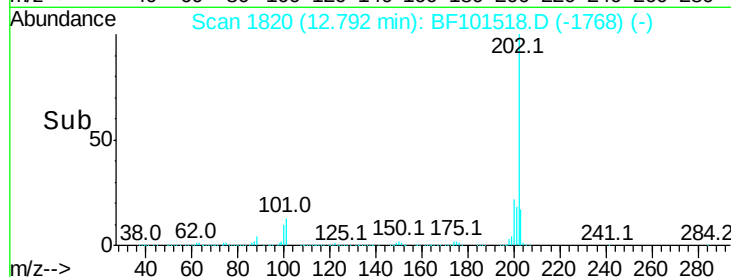
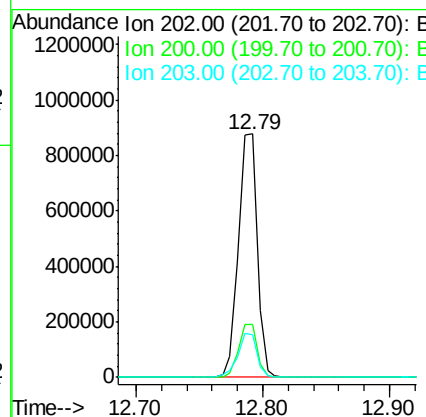
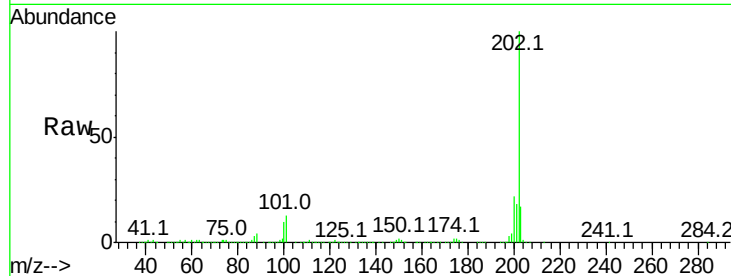
#77
Pvrene
Concen: 42.634 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampled :
PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	894784		
200	21.9		17.4	26.2
203	17.3		14.3	21.5

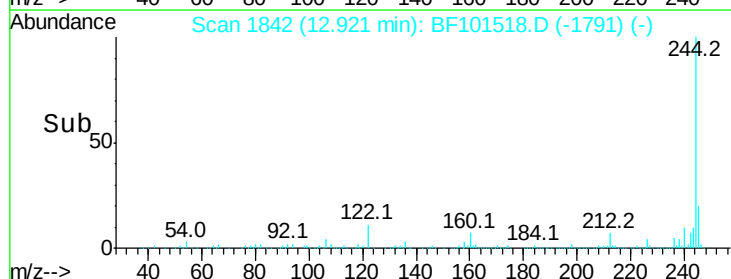
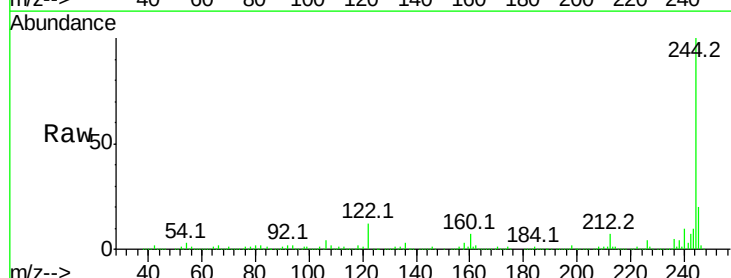
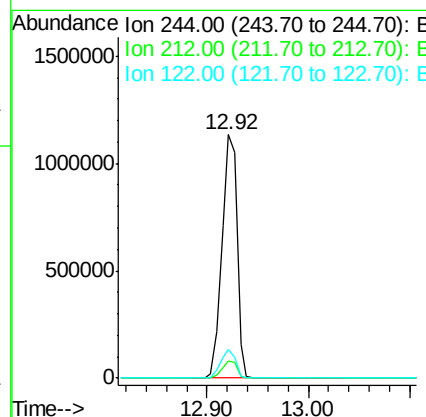
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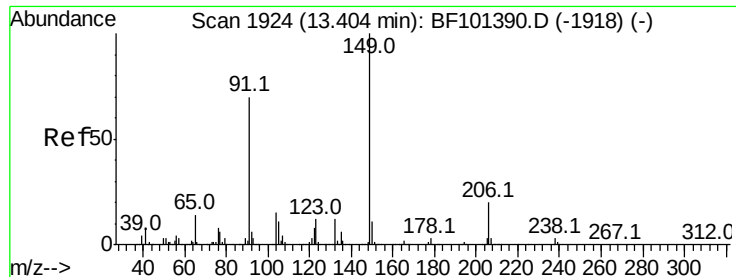
Sohil
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#78
Terphenyl-d14
Concen: 100.987 ng
RT: 12.92 min Scan# 1842
Delta R.T. -0.00 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1171439		
212	6.9		5.4	8.0
122	11.5		11.0	16.4





#79

Butylbenzylphthalate

Concen: 40.384 ng

RT: 13.39 min Scan# 1922

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

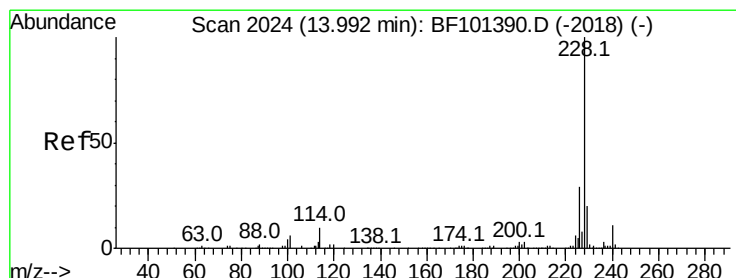
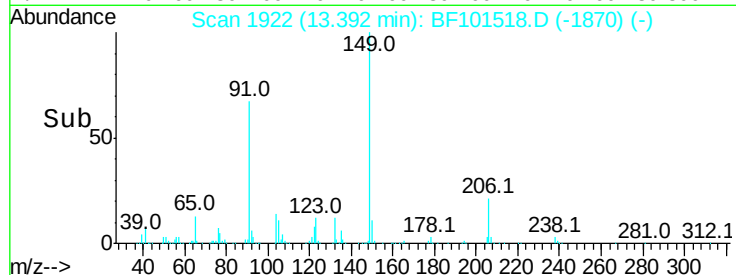
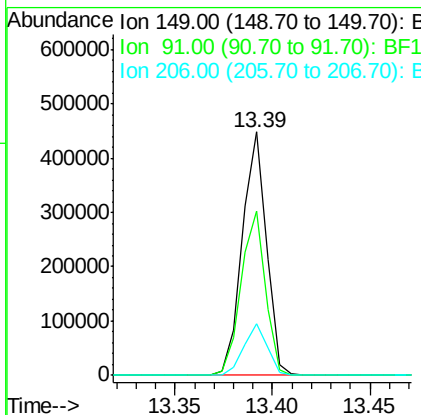
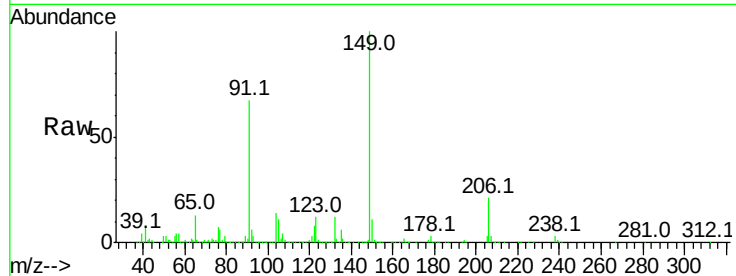
ClientSampleId :

PB105116BS

Tot Ion:	149	Resp:	383498
Ion Ratio	Lower	Upper	
149	100		
91	67.4	56.8	85.2
206	21.0	14.1	21.1

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 37.726 ng

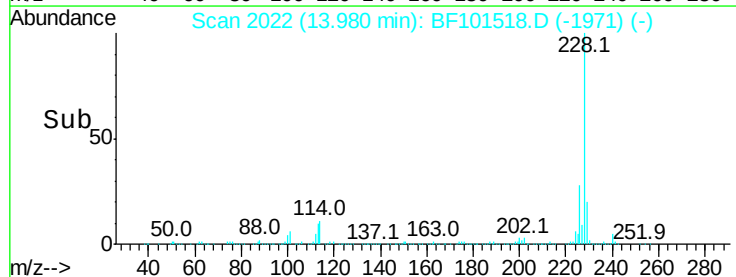
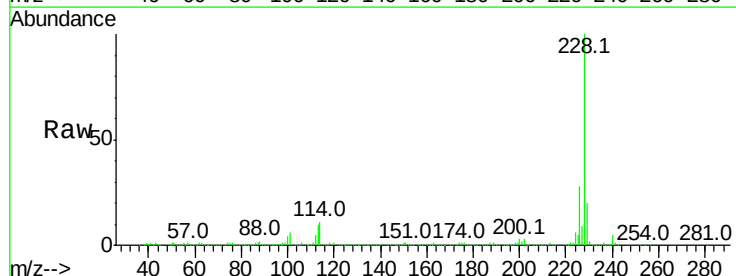
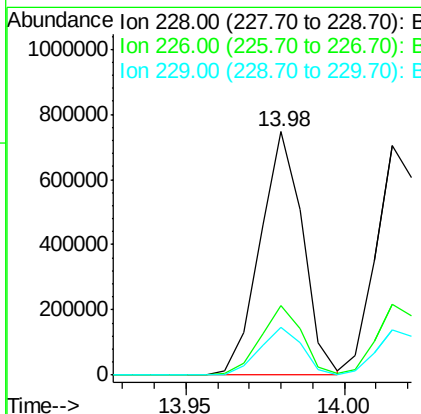
RT: 13.98 min Scan# 2022

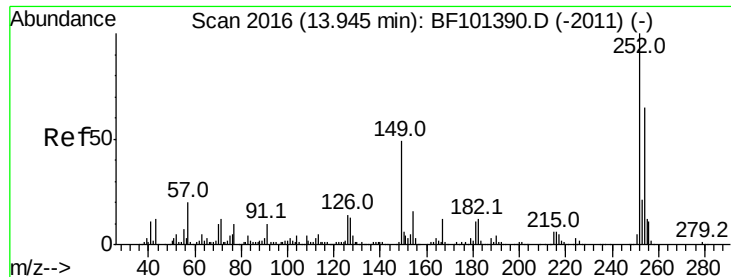
Delta R.T. -0.00 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	228	Resp:	696629
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	19.8	15.8	23.6





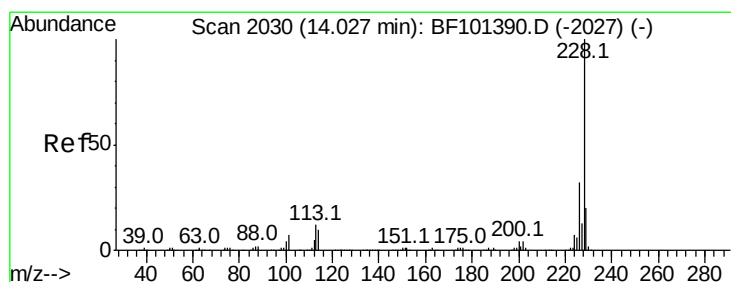
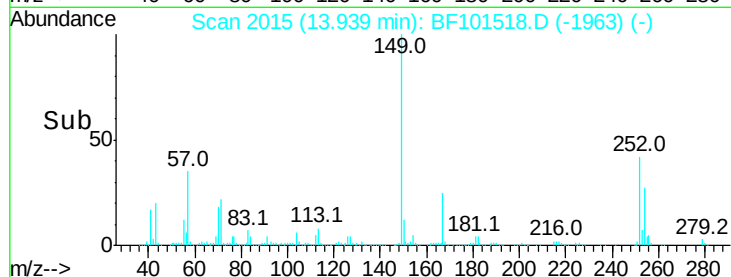
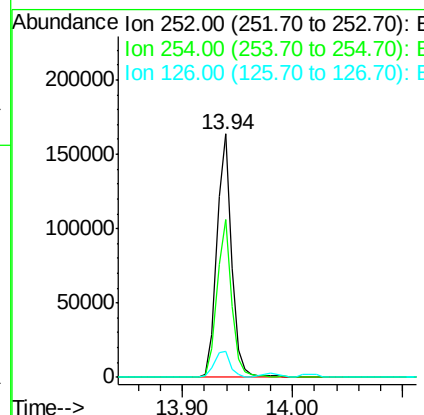
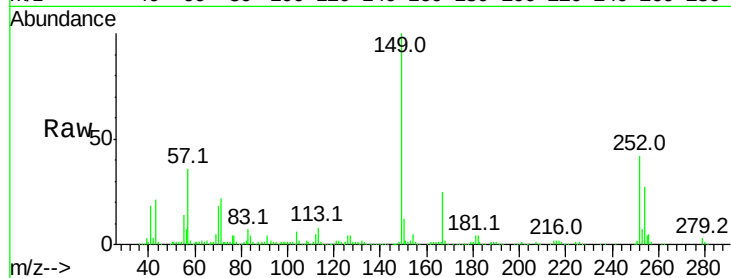
#81
 3,3'-Dichlorobenzidine
 Concen: 24.843 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	50.4	75.6
126	10.6	11.3	16.9

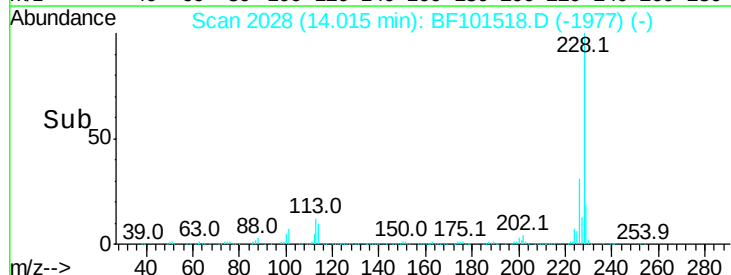
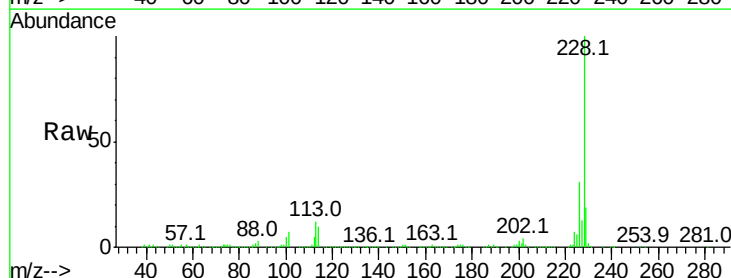
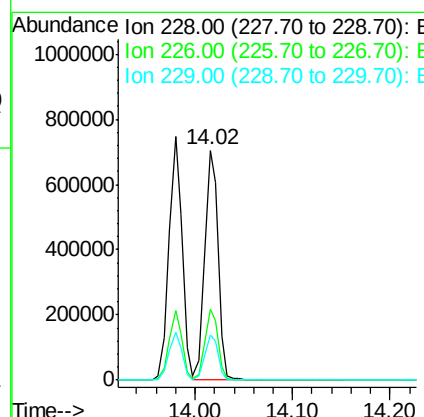
Manual Integrations
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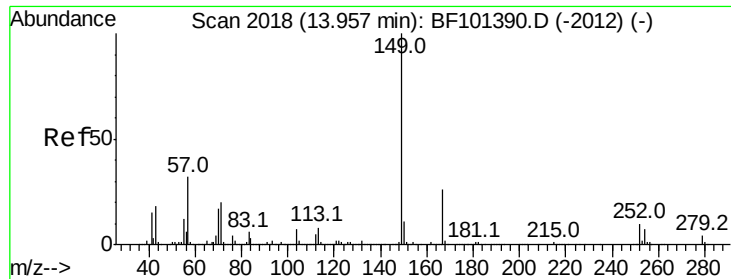
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#82
 Chrysene
 Concen: 38.311 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.00 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.8	25.0	37.6
229	19.5	16.2	24.4





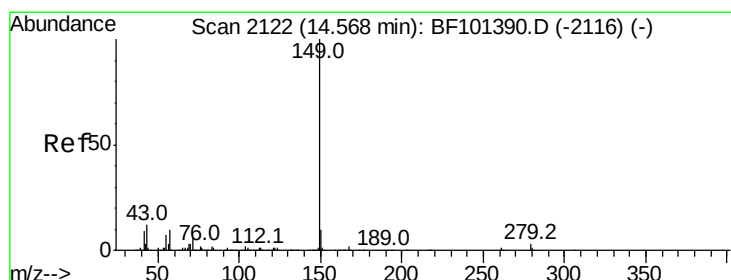
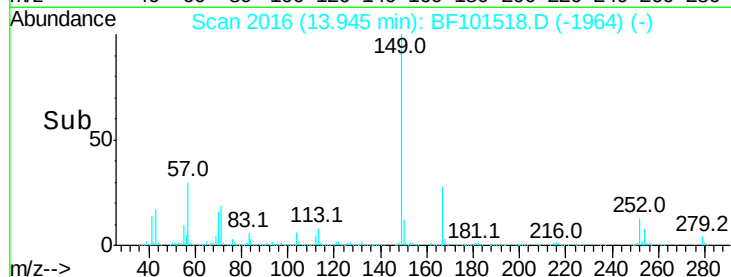
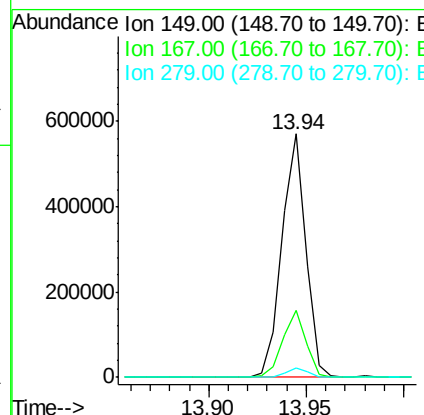
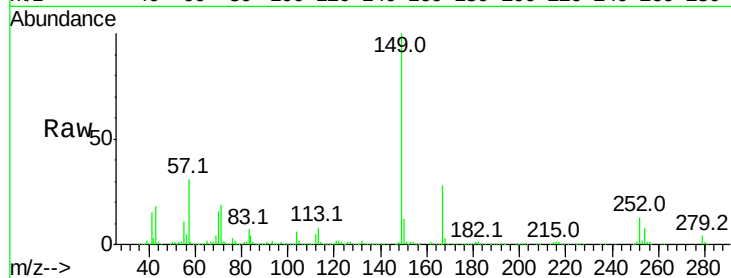
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.932 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.7	21.3	31.9	
279	3.9	3.0	4.4	

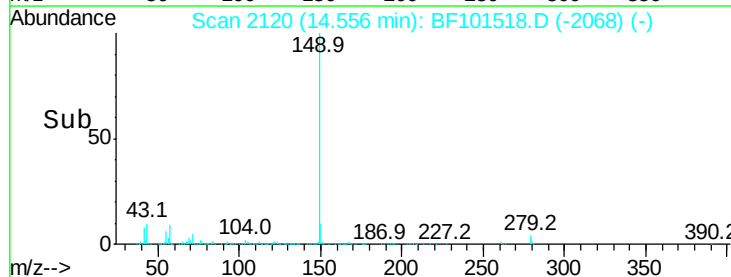
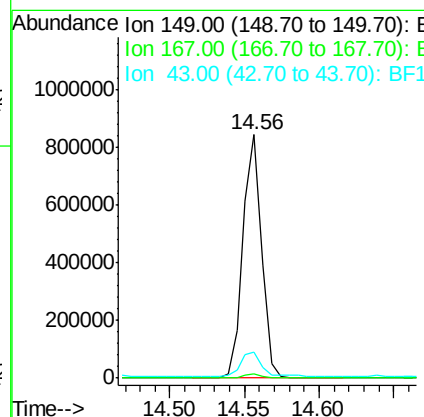
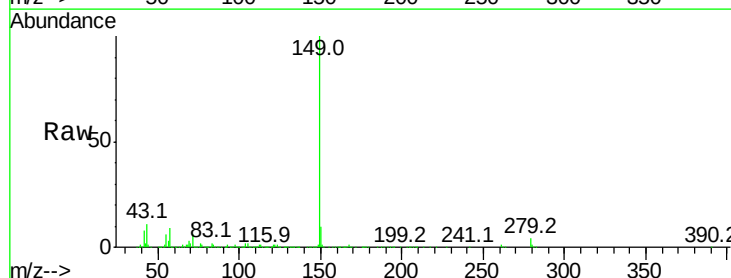
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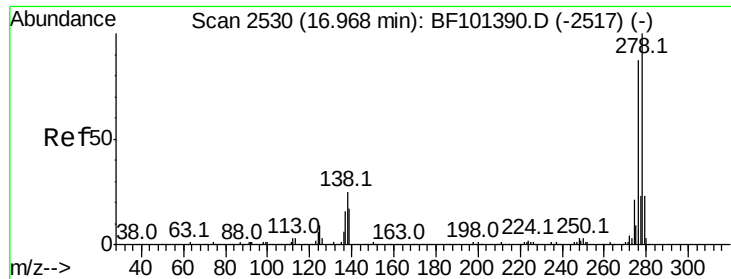
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 34.309 ng
 RT: 14.56 min Scan# 2120
 Delta R.T. 0.01 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.2	1.8	
43	11.0	8.4	12.6	





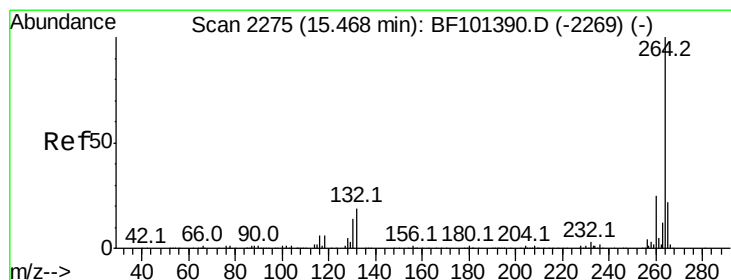
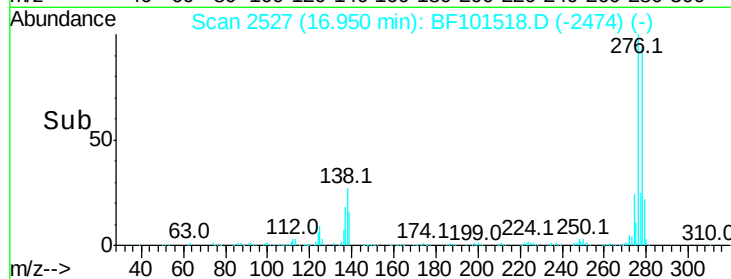
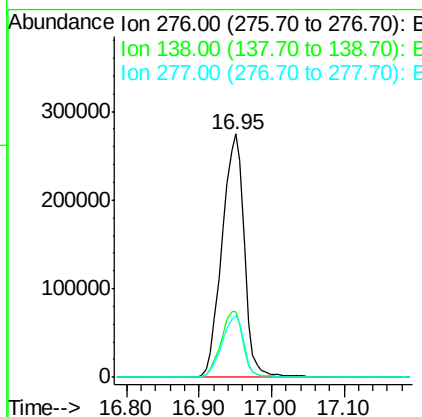
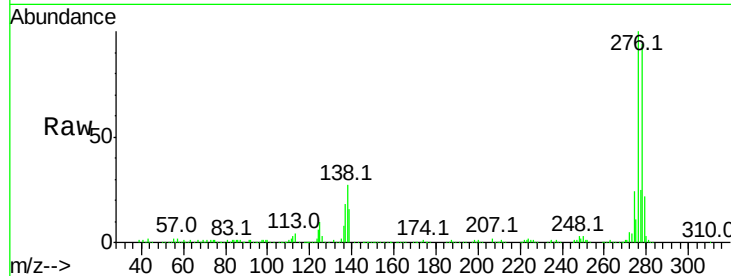
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.866 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	25.0	37.6
277	25.1	20.1	30.1

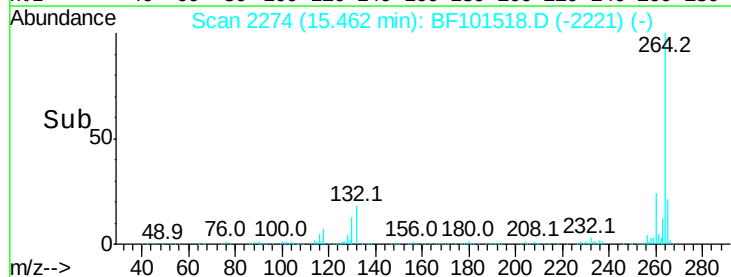
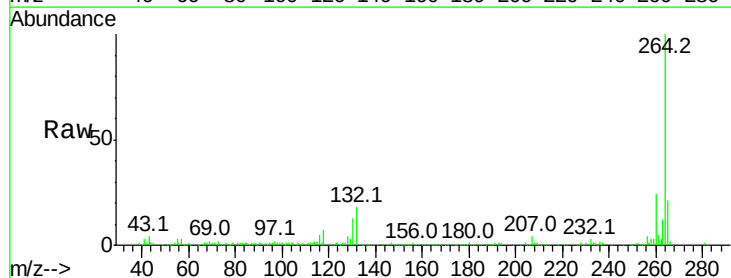
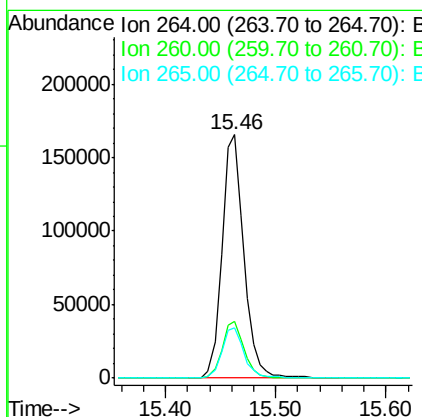
Manual Integrations
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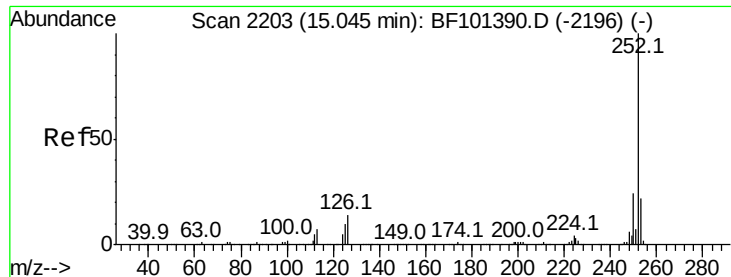
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.8	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 38.301 ng

RT: 15.03 min Scan# 2201

Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Instrument :

BNA_F

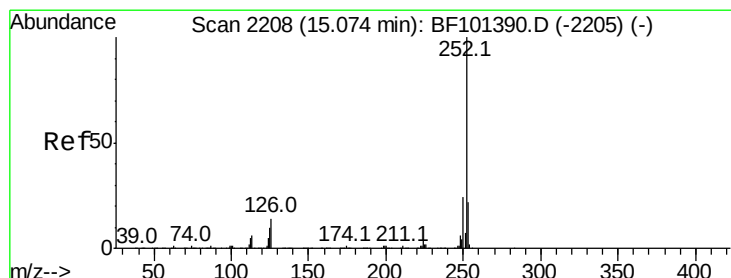
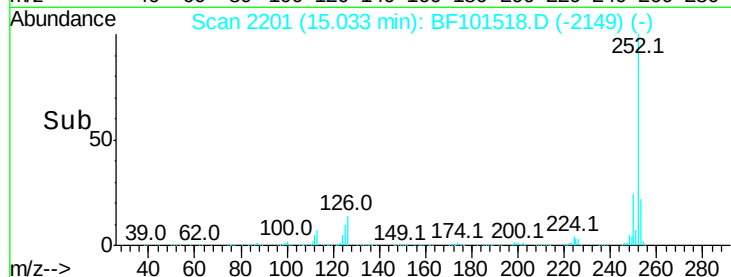
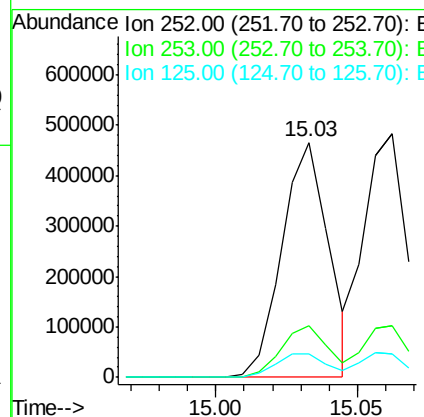
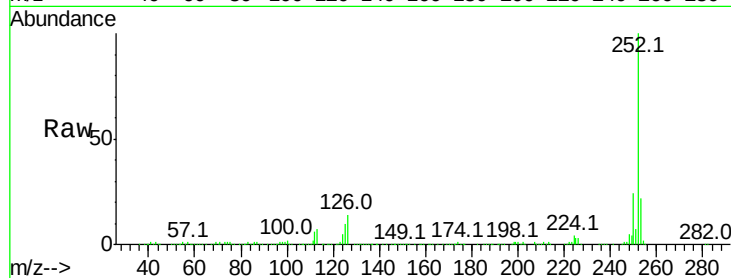
ClientSampleId :

PB105116BS

Tot Ion:	252	Resp:	533313
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	10.2	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 37.969 ng m

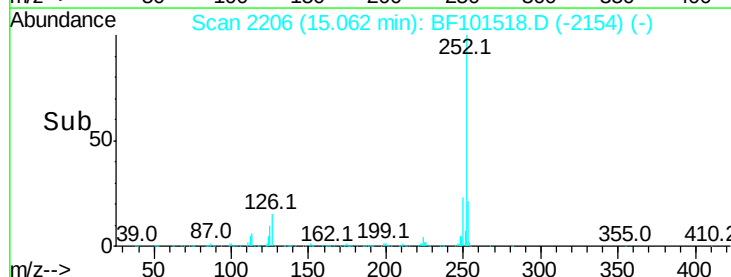
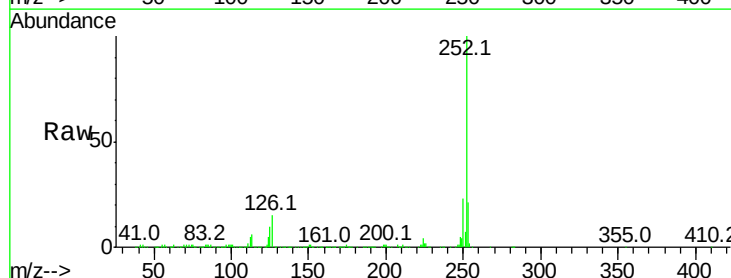
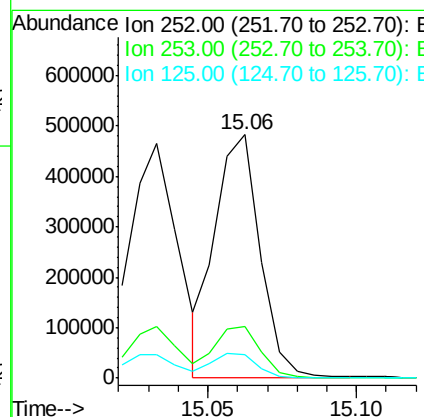
RT: 15.06 min Scan# 2206

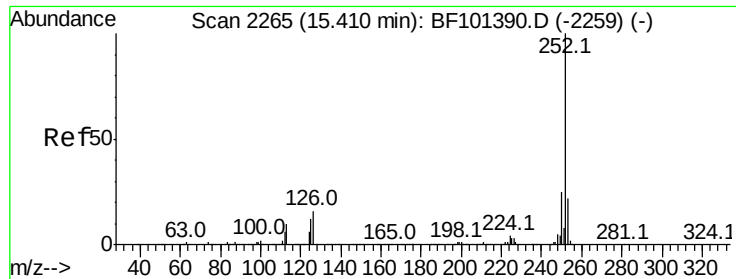
Delta R.T. 0.01 min

Lab File: BF101518.D

Acq: 19 Dec 2017 13:23

Tgt Ion:	252	Resp:	514036
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.9	26.9
125	9.7	10.2	15.2#





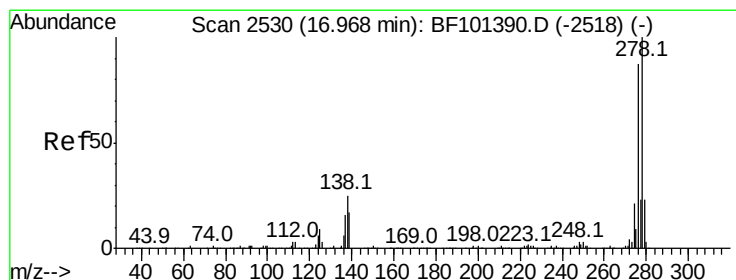
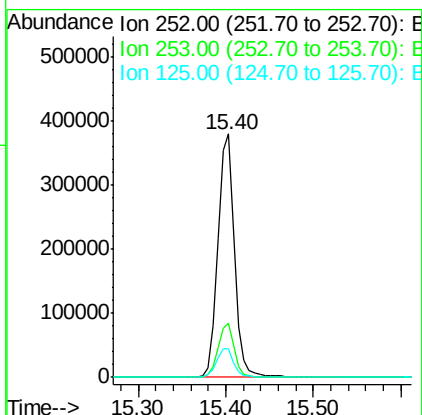
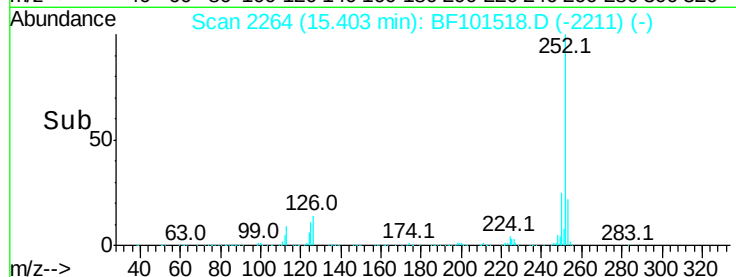
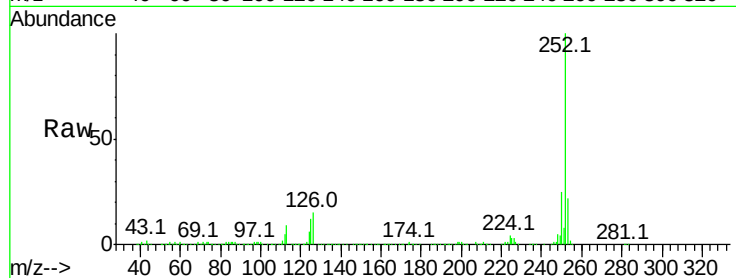
#89
Benzo(a)pyrene
Concen: 39.071 ng
RT: 15.40 min Scan# 2264
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Instrument :
BNA_F
ClientSampleId :
PB105116BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.5	9.8	14.6

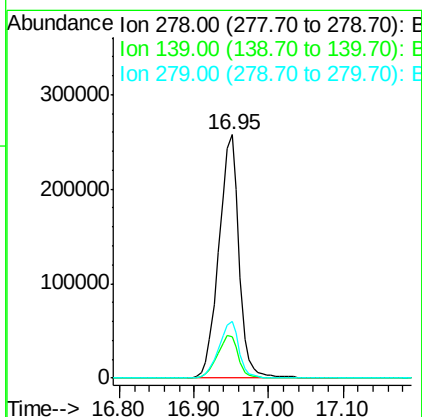
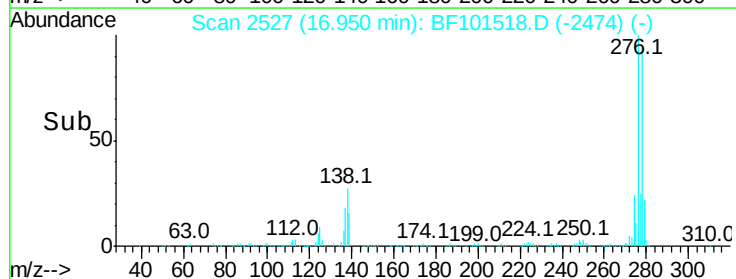
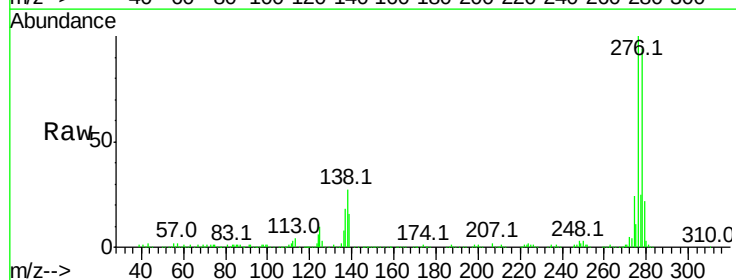
Manual Integrations
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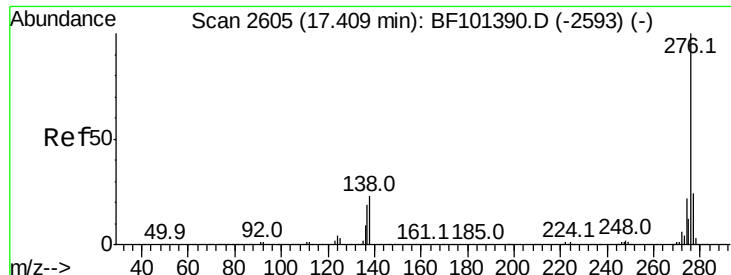
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 44.127 ng
RT: 16.95 min Scan# 2527
Delta R.T. 0.01 min
Lab File: BF101518.D
Acq: 19 Dec 2017 13:23

Tgt Ion	Ratio	Resp Lower	Upper
278	100		
139	16.8	15.9	23.9
279	23.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.129 ng
 RT: 17.40 min Scan# 2603
 Delta R.T. 0.02 min
 Lab File: BF101518.D
 Acq: 19 Dec 2017 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB105116BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	17.9	26.9
138	22.6	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 12/20/2017 3:47:42 PM

