

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041918\
 Data File : BF104657.D
 Acq On : 20 Apr 2018 4:13
 Operator : JU/SJ
 Sample : PB108328BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Manual Integrations
 APPROVED

Sohil
 4/20/2018 3:05:49 PM

Quant Time: Apr 20 05:20:26 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 14:44:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	142081	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	575298	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	248940	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	399380	20.00	ng	0.00
75) Chrysene-d12	13.98	240	268156	20.00	ng	0.00
86) Perylene-d12	15.43	264	229301	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	698678	75.19	ng	0.01
7) Phenol-d6	6.45	99	861721	75.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	772546	87.69	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	203341	78.74	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1315461	83.48	ng	0.00
78) Terphenyl-d14	12.92	244	1021094	86.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	135007	31.182	ng	# 89
3) Pyridine	3.32	79	388283	31.896	ng	87
4) n-Nitrosodimethylamine	3.28	42	153257	36.015	ng	# 77
6) Aniline	6.47	93	209929	13.235	ng	98
8) 2-Chlorophenol	6.59	128	384289	39.183	ng	95
9) Benzaldehyde	6.35	77	223416	38.074	ng	98
10) Phenol	6.46	94	449211	37.083	ng	94
11) bis(2-Chloroethyl)ether	6.54	93	350910	36.300	ng	96
12) 1,3-Dichlorobenzene	6.75	146	395683	35.612	ng	98
13) 1,4-Dichlorobenzene	6.82	146	400480	36.159	ng	99
14) 1,2-Dichlorobenzene	6.97	146	369730	36.023	ng	99
15) Benzyl Alcohol	6.95	79	304237	35.085	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	443671	34.175	ng	87
17) 2-Methylphenol	7.06	107	316162	37.085	ng	96
18) Hexachloroethane	7.31	117	126040	31.918	ng	93
19) n-Nitroso-di-n-propylamine	7.22	70	245812	32.948	ng	94
20) 3+4-Methylphenols	7.22	107	372603	35.240	ng	# 56
22) Acetophenone	7.22	105	493912	34.872	ng	98
24) Nitrobenzene	7.39	77	388197	39.908	ng	98
25) Isophorone	7.63	82	704818	37.831	ng	98
26) 2-Nitrophenol	7.70	139	195299	49.318	ng	98
27) 2,4-Dimethylphenol	7.75	122	332266	40.410	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	458795	40.277	ng	99
29) 2,4-Dichlorophenol	7.95	162	313791	39.997	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	317191	36.840	ng	97
31) Naphthalene	8.11	128	1050750	36.680	ng	100
32) Benzoic acid	7.87	122	224151	34.167	ng	97
33) 4-Chloroaniline	8.16	127	80501	6.559	ng	95
34) Hexachlorobutadiene	8.22	225	167813	35.584	ng	99
35) Caprolactam	8.55	113	105543m	38.564	ng	
36) 4-Chloro-3-methylphenol	8.65	107	333628	39.660	ng	98
37) 2-Methylnaphthalene	8.80	142	695600	37.539	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	297769	41.786	ng	99
40) Hexachlorocyclopentadiene	8.95	237	79461	19.918	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	205582	41.558	nq	98
43) 2,4,5-Trichlorophenol	9.13	196	218479	39.467	nq	98
45) 1,1'-Biphenyl	9.27	154	811603	38.809	nq	99
46) 2-Chloronaphthalene	9.29	162	633453	38.348	nq	99
47) 2-Nitroaniline	9.39	65	198639	48.627	nq	99
48) Acenaphthylene	9.71	152	949508	36.637	nq	99
49) Dimethylphthalate	9.57	163	783178	39.895	nq	100
50) 2,6-Dinitrotoluene	9.63	165	168352	46.346	nq	94
51) Acenaphthene	9.88	154	547390	34.617	nq	100
52) 3-Nitroaniline	9.80	138	87085	20.478	nq	99
53) 2,4-Dinitrophenol	9.91	184	51937	44.706	nq	# 20
54) Dibenzofuran	10.05	168	830169	37.672	nq	98
55) 4-Nitrophenol	9.97	139	255331	76.435	nq	97
56) 2,4-Dinitrotoluene	10.04	165	207091	43.463	nq	97
57) Fluorene	10.40	166	629506	39.246	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	162255	39.288	nq	94
59) Diethylphthalate	10.27	149	739519	37.825	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	295465	41.362	nq	96
61) 4-Nitroaniline	10.42	138	147412	35.452	nq	97
62) Azobenzene	10.55	77	669964	35.868	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	40420	24.947	nq	86
65) n-Nitrosodiphenylamine	10.50	169	591303	42.701	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	179508	42.256	nq	94
67) Hexachlorobenzene	10.94	284	192393	40.249	nq	94
68) Atrazine	11.03	200	186082	44.519	nq	99
69) Pentachlorophenol	11.14	266	173995	58.838	nq	98
70) Phenanthrene	11.36	178	847346	38.098	nq	99
71) Anthracene	11.41	178	865668	38.290	nq	100
72) Carbazole	11.57	167	780848	35.345	nq	100
73) Di-n-butylphthalate	11.89	149	1072142	39.728	nq	99
74) Fluoranthene	12.55	202	783421	33.713	nq	100
76) Benzidine	12.67	184	443661	53.429	nq	97
77) Pyrene	12.77	202	763295	38.402	nq	99
79) Butylbenzylphthalate	13.39	149	389540	41.599	nq	100
80) Benzo(a)anthracene	13.97	228	660168	41.209	nq	99
81) 3,3'-Dichlorobenzidine	13.93	252	228431	38.243	nq	# 97
82) Chrysene	14.00	228	632707	38.451	nq	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	532039	44.172	nq	99
84) Di-n-octyl phthalate	14.57	149	845644	42.018	nq	# 95
85) Indeno(1,2,3-cd)pyrene	16.89	276	514409	36.801	nq	98
87) Benzo(b)fluoranthene	15.02	252	583902	40.318	nq	99
88) Benzo(k)fluoranthene	15.04	252	568830	41.604	nq	98
89) Benzo(a)pyrene	15.37	252	531113	40.987	nq	97
90) Dibenzo(a,h)anthracene	16.91	278	433659	40.748	nq	97
91) Benzo(g,h,i)perylene	17.33	276	413430	40.097	nq	98

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



#1

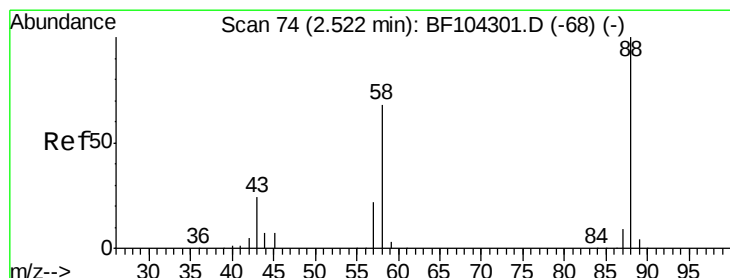
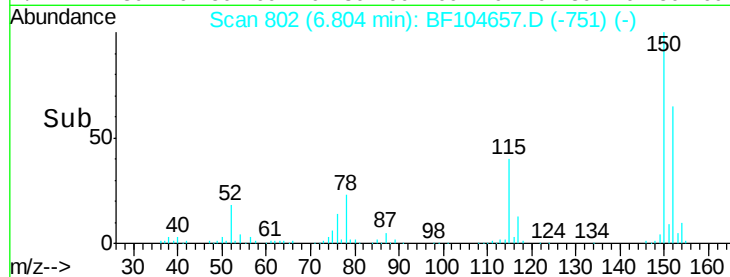
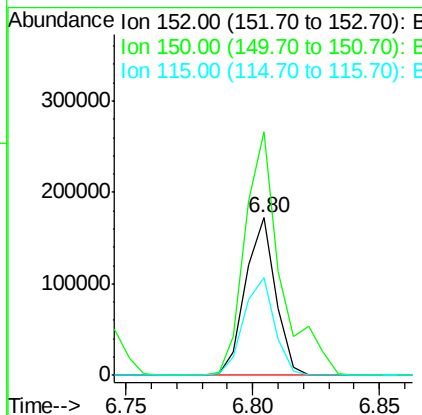
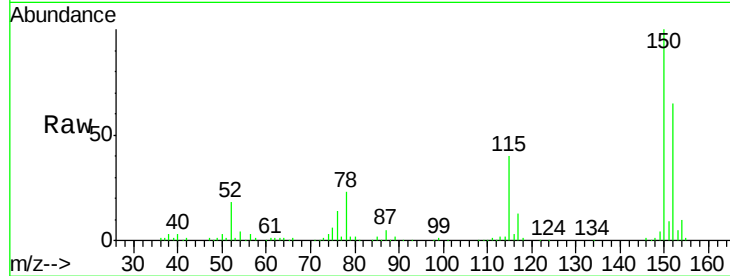
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	124.6	186.8
115	61.7	50.1	75.1

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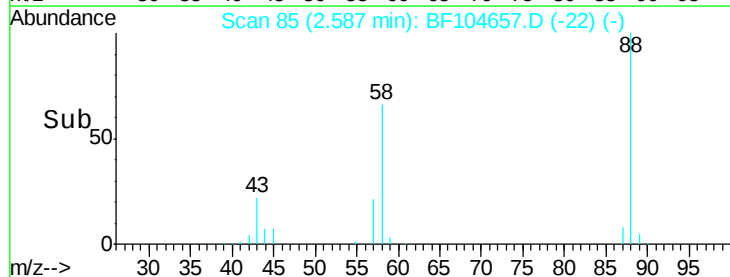
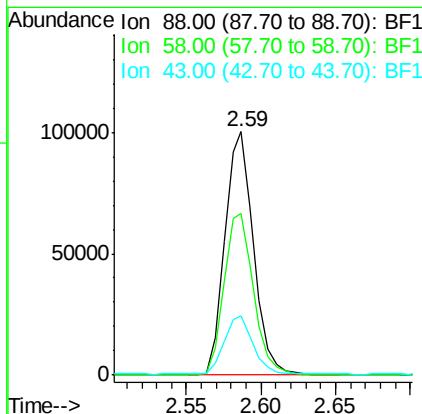
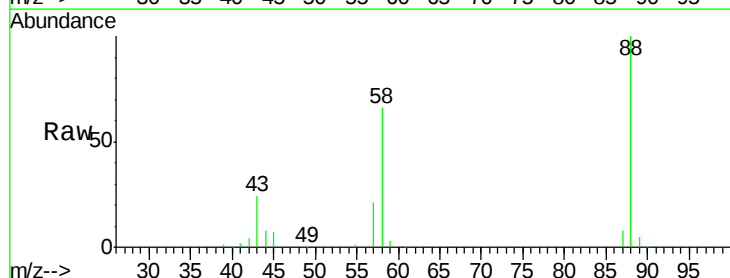
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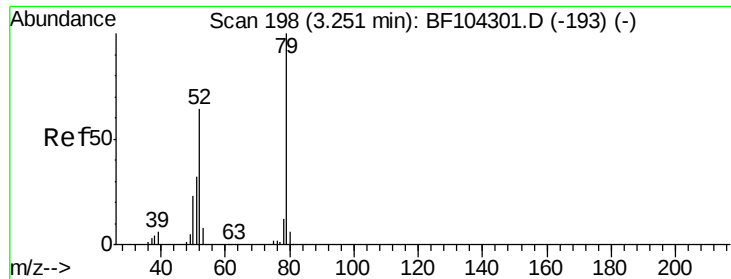


#2

1,4-Dioxane
Concen: 31.182 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.07 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.5	62.6	93.8
43	24.2	24.6	37.0





#3

Pvridine

Concen: 31.896 ng

RT: 3.32 min Scan# 209

Delta R.T. 0.06 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

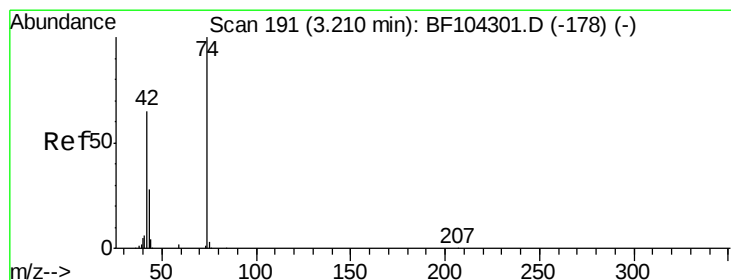
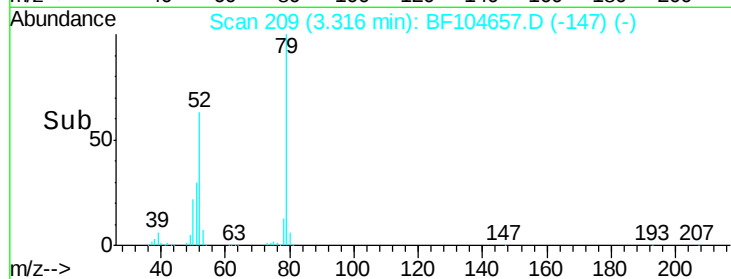
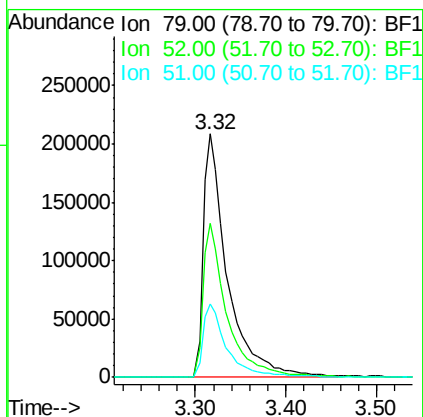
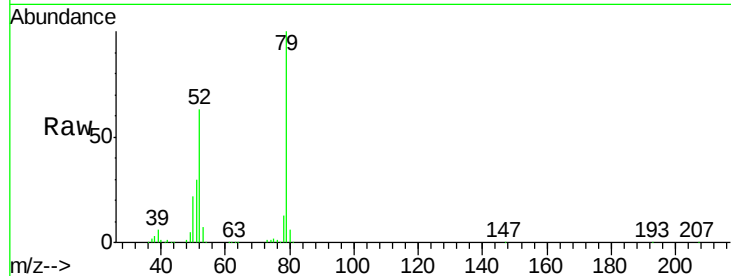
ClientSampleId :

PB108328BSD

Tot Ion:	79	Resp:	388283
Ion Ratio	Lower	Upper	
79	100		
52	63.4	59.8	89.6
51	30.4	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 36.015 ng

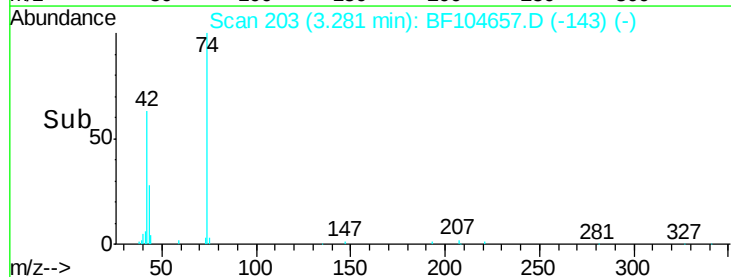
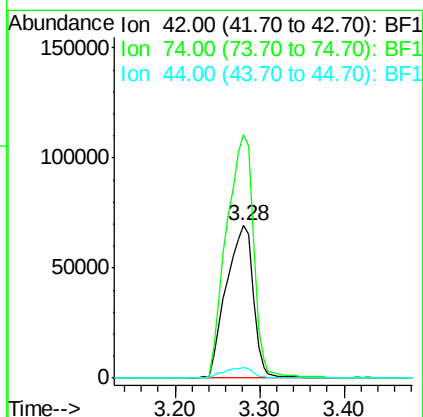
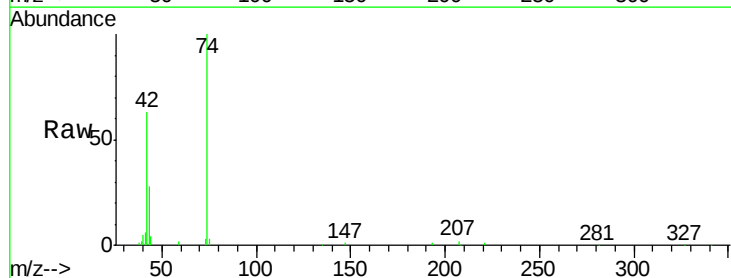
RT: 3.28 min Scan# 203

Delta R.T. 0.05 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	42	Resp:	153257
Ion Ratio	Lower	Upper	
42	100		
74	159.7	104.9	157.3#
44	6.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 75.191 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

ClientSampleId :

PB108328BSD

Tot Ion: 112 Resp: 698678
Ion Ratio Lower Upper

112 100

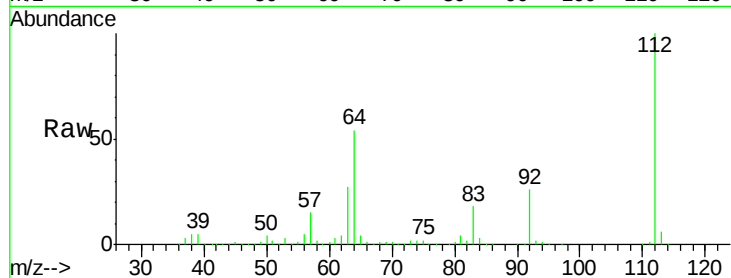
64 54.0 47.9 71.9

63 27.0 23.7 35.5

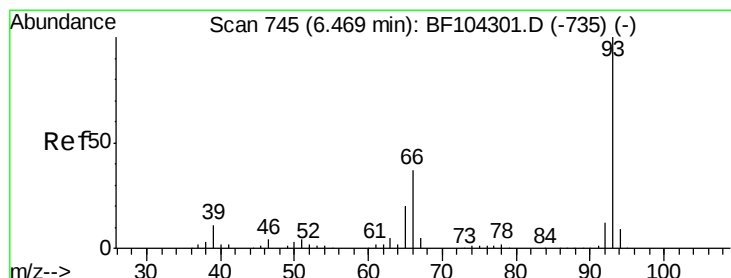
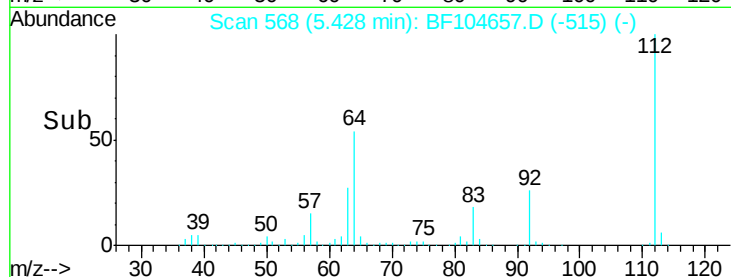
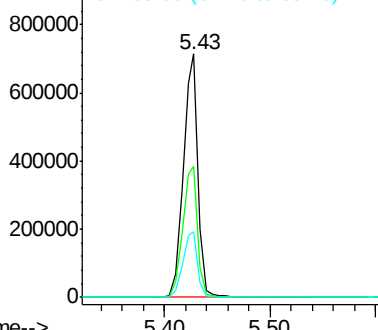
Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.235 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF104657.D

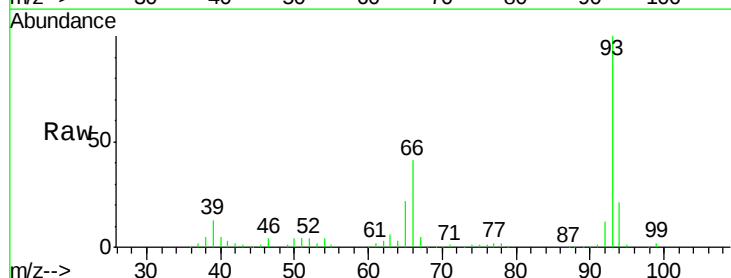
Acq: 20 Apr 2018 4:13

Tgt Ion: 93 Resp: 209929
Ion Ratio Lower Upper

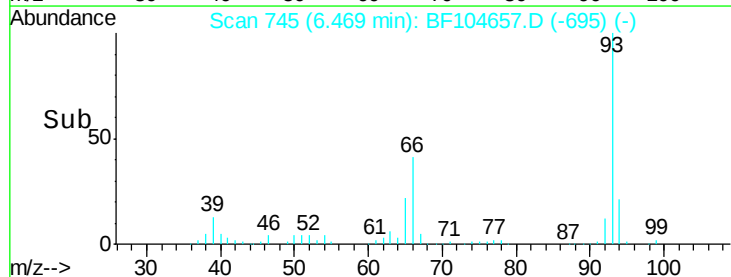
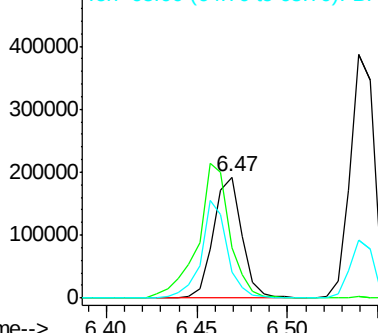
93 100

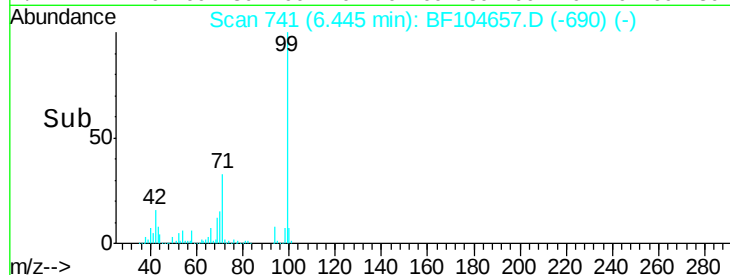
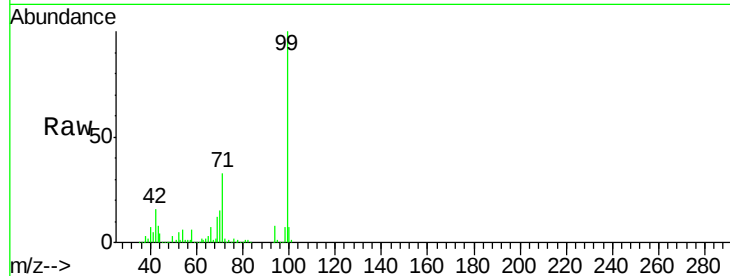
66 41.4 32.2 48.2

65 21.8 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 75.477 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tot Ion:	99	Resp:	861721
Ion Ratio	Lower	Upper	
99	100		
42	15.6	14.5	21.7
71	32.8	25.4	38.0

Instrument :

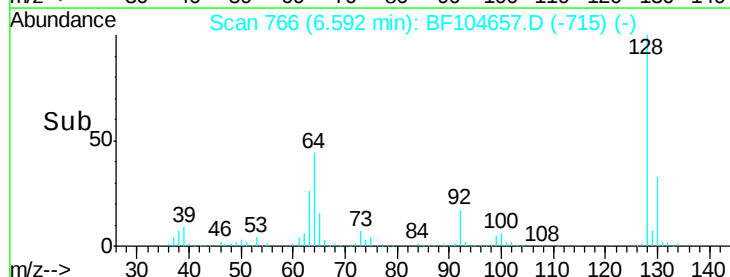
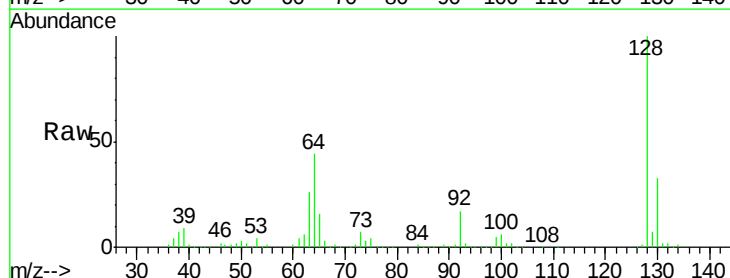
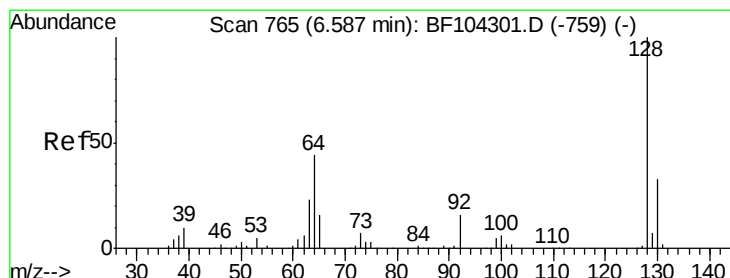
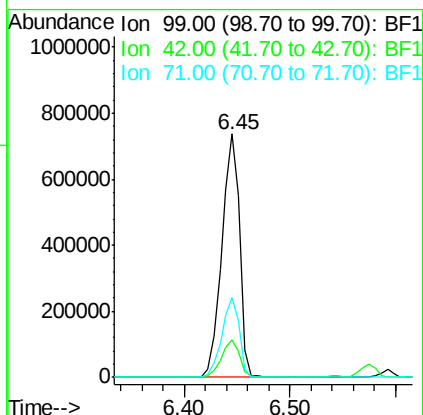
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#8

2-Chlorophenol

Concen: 39.183 ng

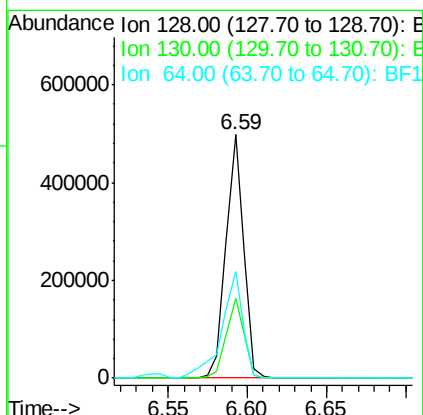
RT: 6.59 min Scan# 766

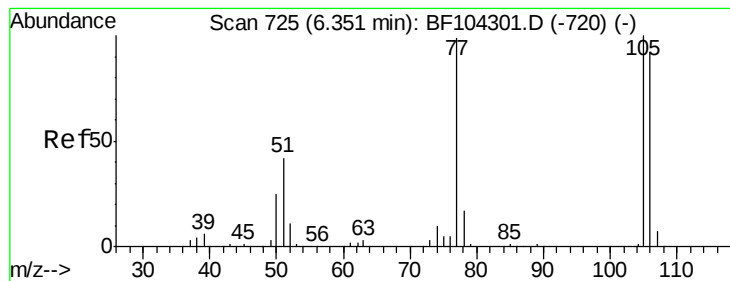
Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	128	Resp:	384289
Ion Ratio	Lower	Upper	
128	100		
130	32.7	13.0	53.0
64	43.8	29.4	69.4





#9

Benzaldehyde

Concen: 38.074 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

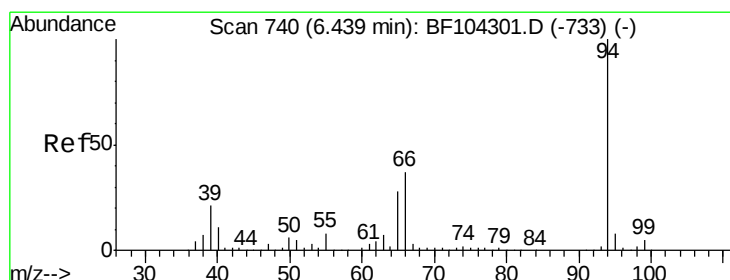
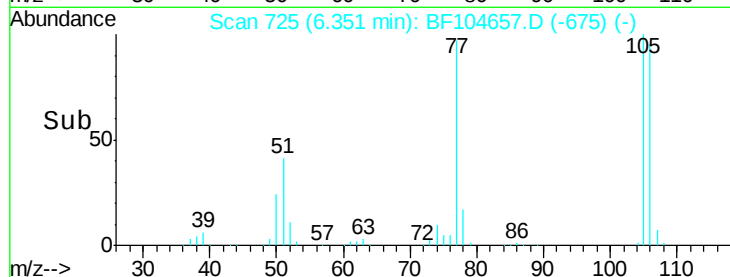
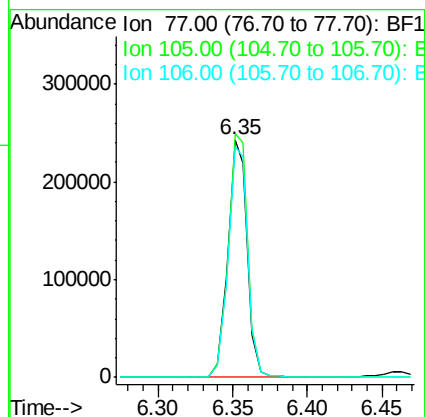
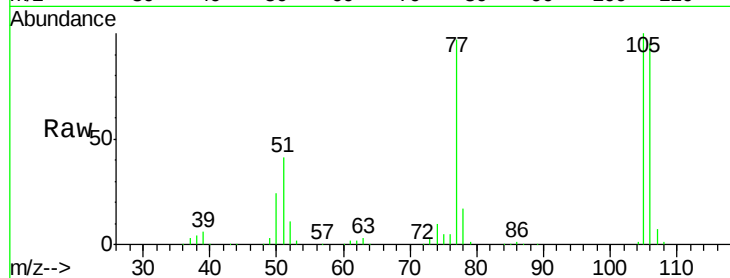
ClientSampleId :

PB108328BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.6	81.1	121.1
106	97.0	74.5	114.5

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#10

Phenol

Concen: 37.083 ng

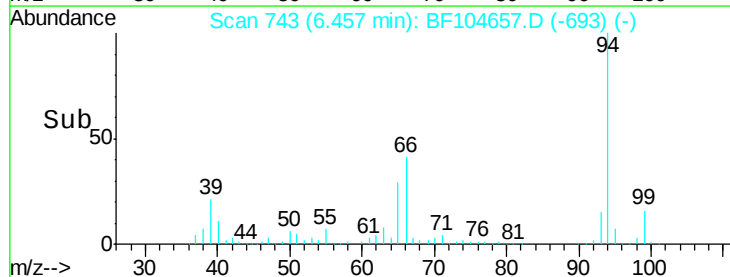
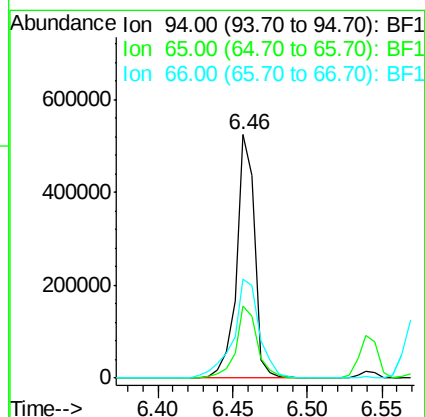
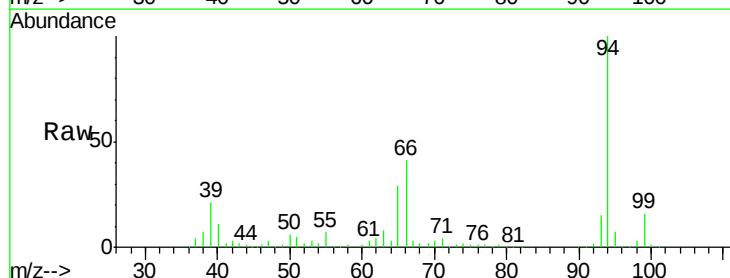
RT: 6.46 min Scan# 743

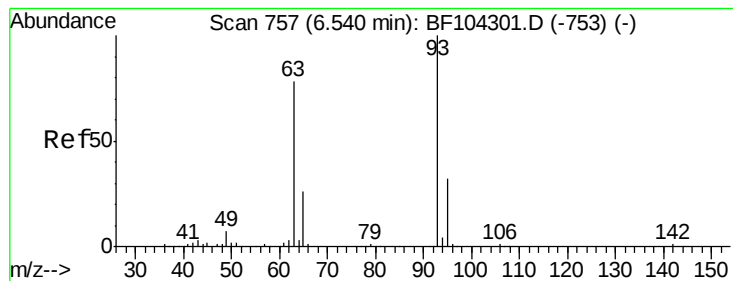
Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.5	7.9	47.9
66	40.9	16.2	56.2





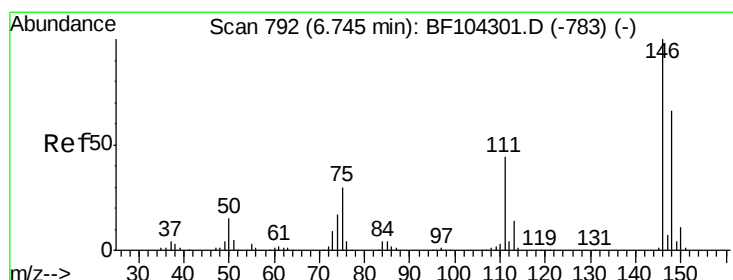
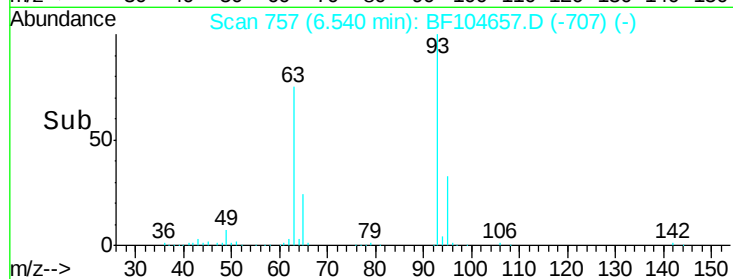
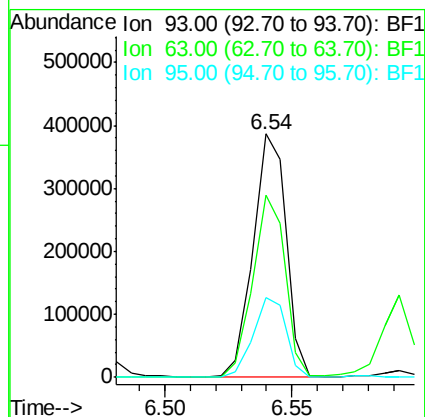
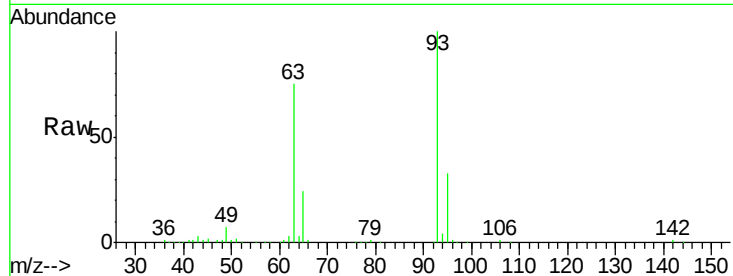
#11
bis(2-Chloroethyl)ether
Concen: 36.300 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.7	58.6	98.6
95	32.9	11.8	51.8

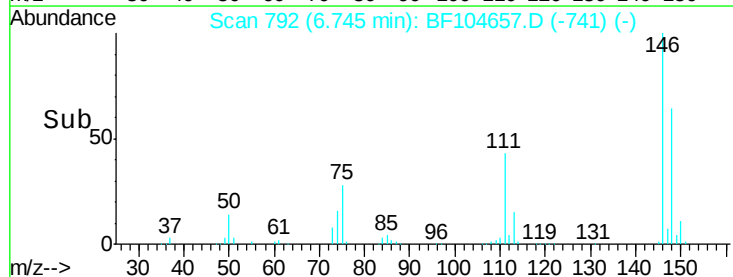
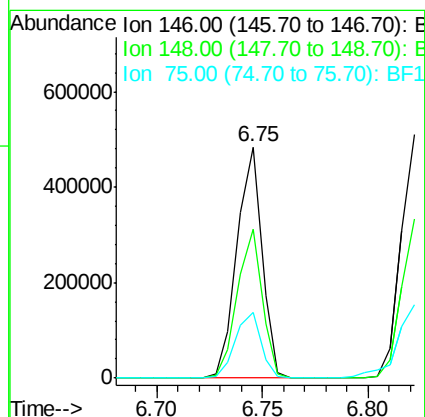
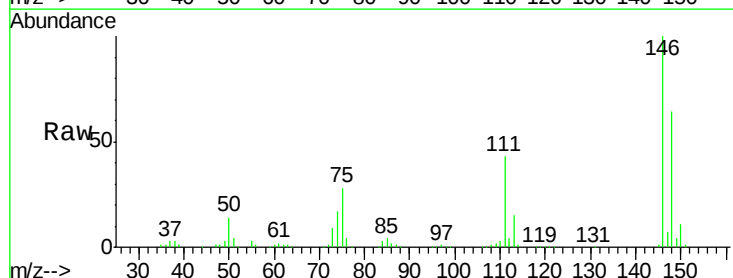
Manual Integrations
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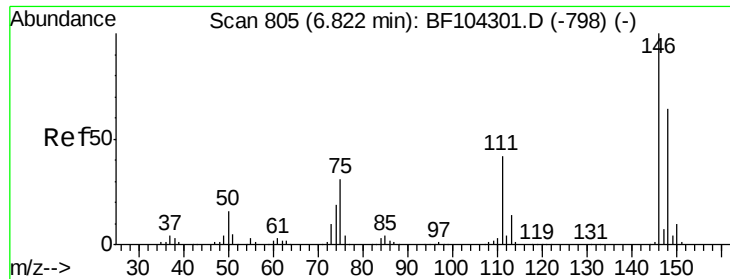
Sohil
4/20/2018 3:05:49 PM



#12
1,3-Dichlorobenzene
Concen: 35.612 ng
RT: 6.75 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.8	77.8
75	28.3	24.2	36.4





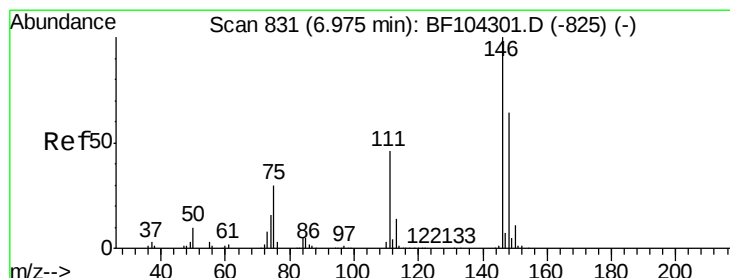
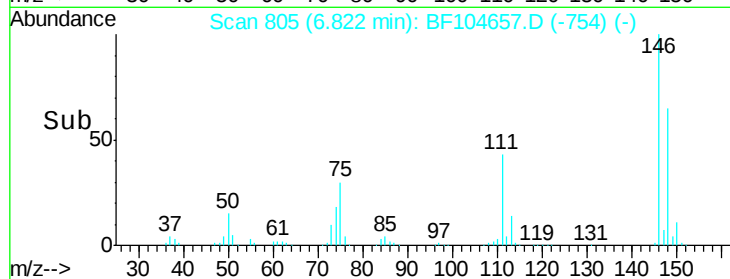
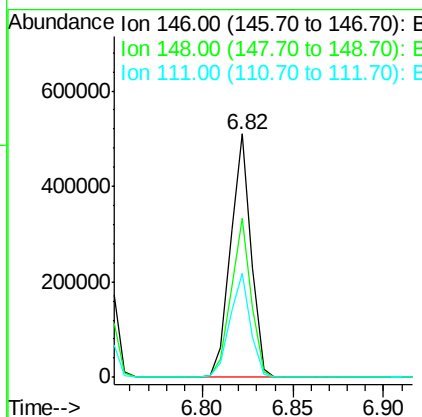
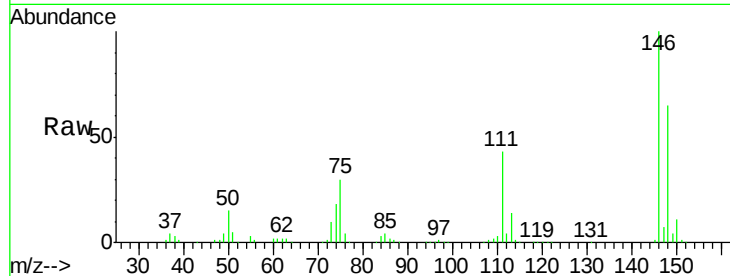
#13
 1,4-Dichlorobenzene
 Concen: 36.159 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		400480		
148	65.2	50.8	76.2		
111	42.5	34.2	51.2		

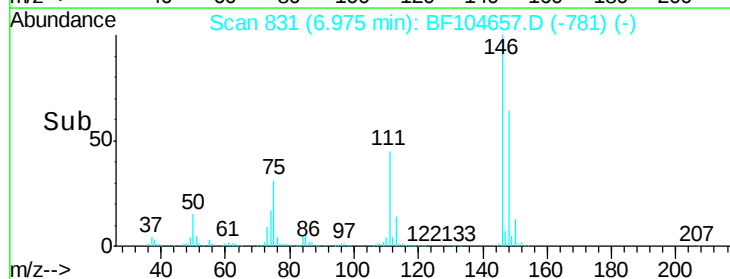
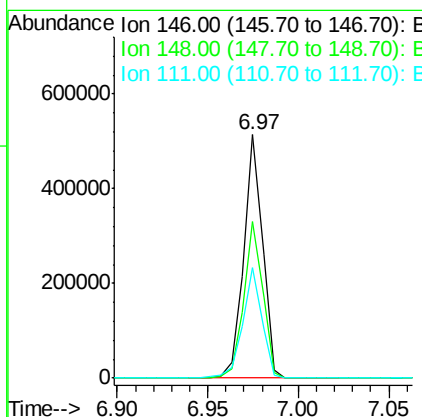
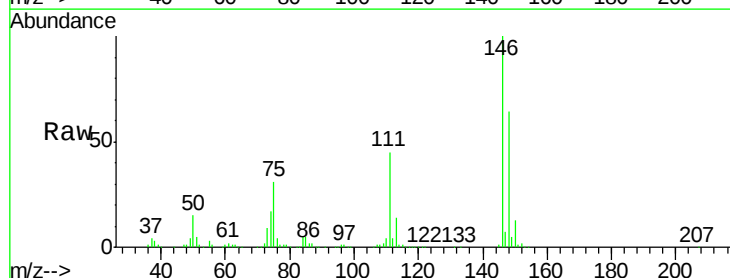
Manual Integrations
 APPROVED

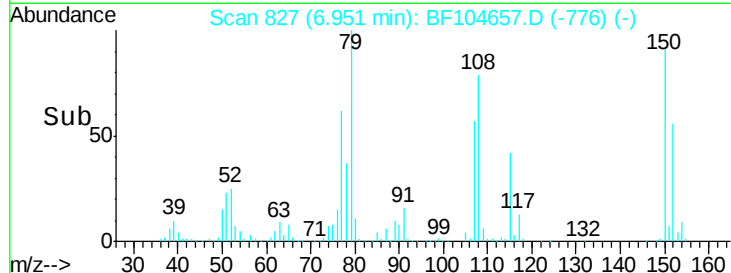
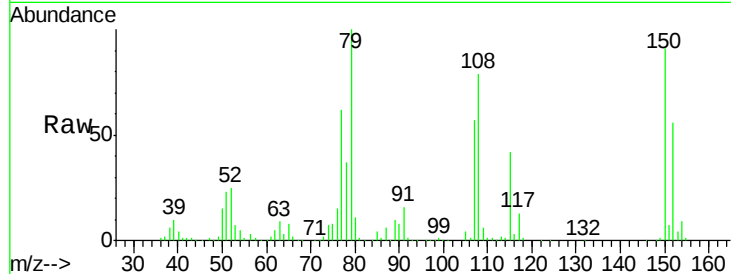
Sohil
 4/20/2018 3:05:49 PM



#14
 1,2-Dichlorobenzene
 Concen: 36.023 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		369730		
148	64.4	50.6	75.8		
111	45.4	36.0	54.0		





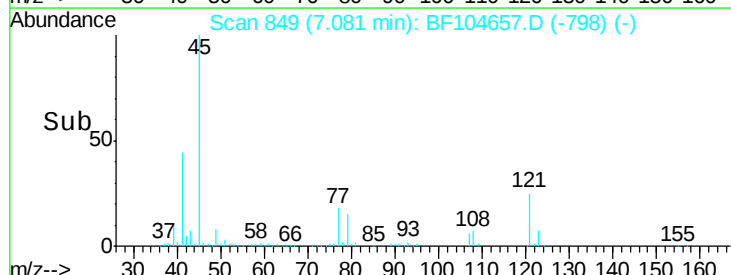
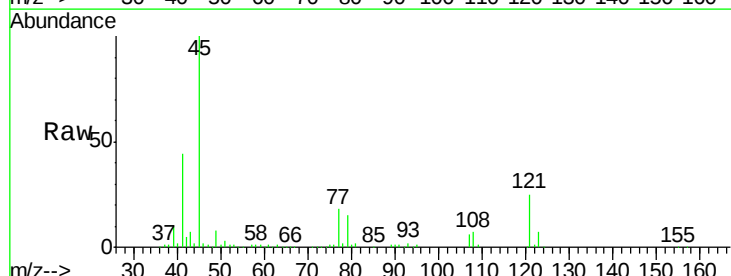
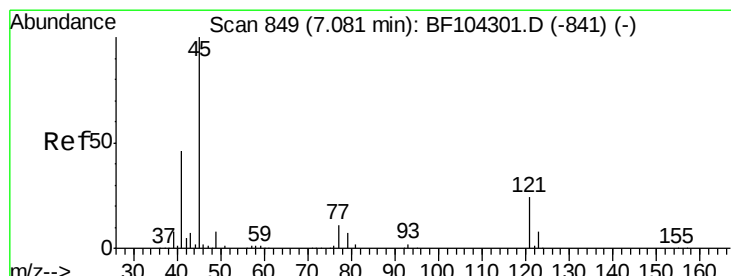
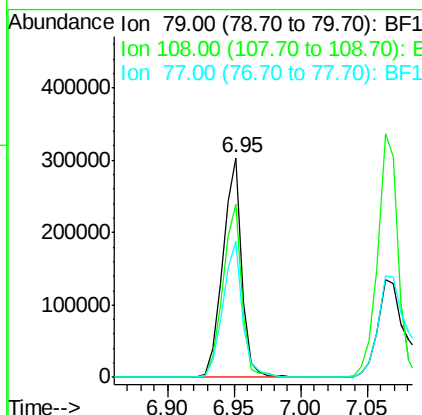
#15
Benzyl Alcohol
Concen: 35.085 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tot Ion	Ratio	Resp	Lower	Upper
79	100	304237		
108	79.2	65.1	97.7	
77	62.3	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

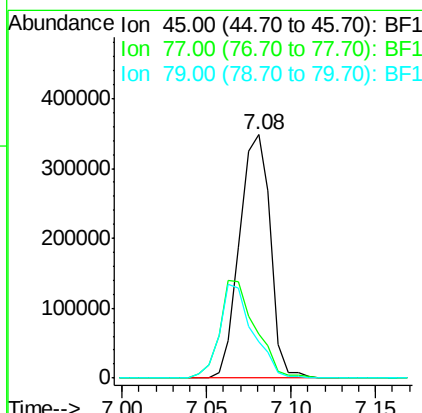
Manual Integrations
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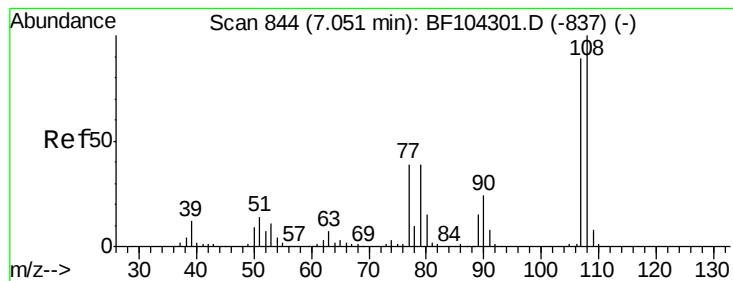
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.175 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	443671		
77	17.9	0.0	32.9	
79	14.6	0.0	29.6	





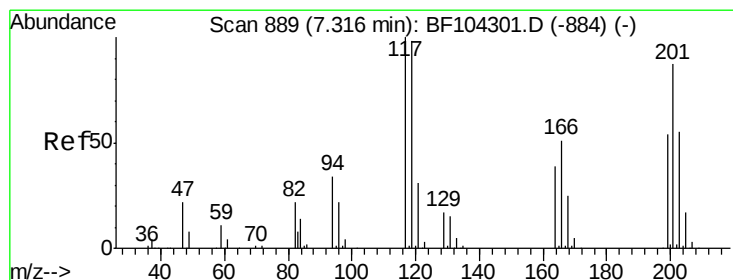
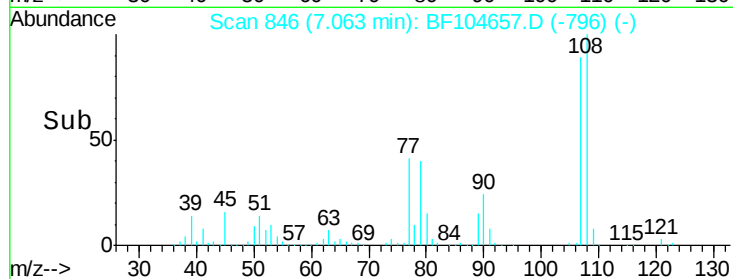
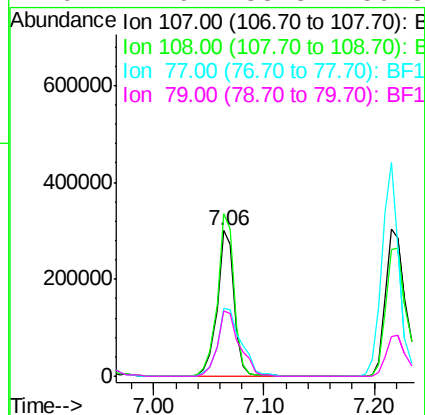
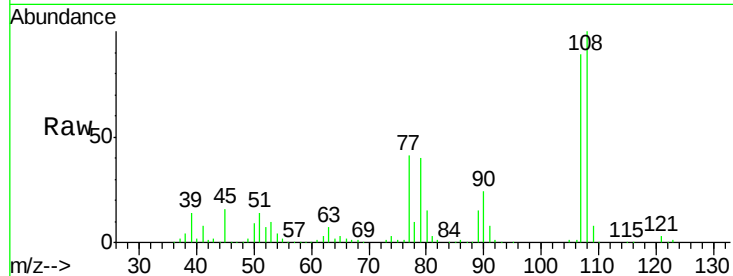
#17
2-Methylphenol
Concen: 37.085 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.0	91.7	137.5	
77	46.5	33.8	50.8	
79	44.9	33.8	50.8	

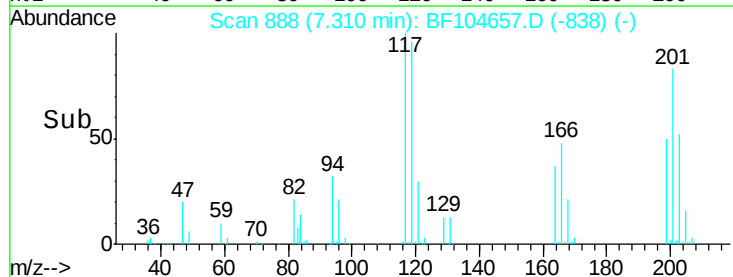
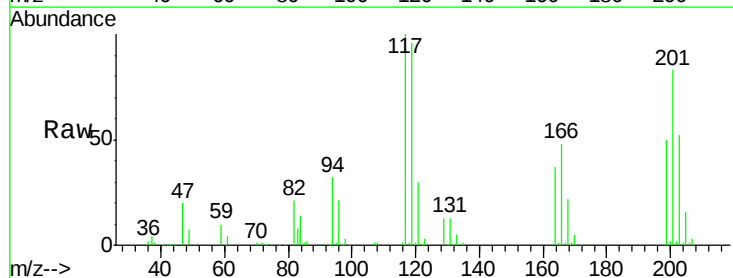
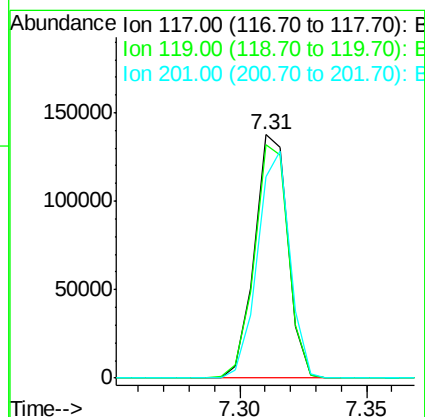
Manual Integrations
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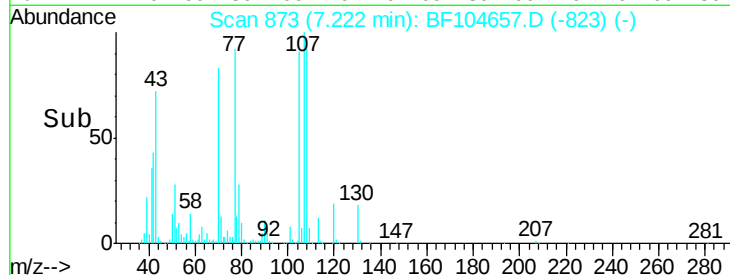
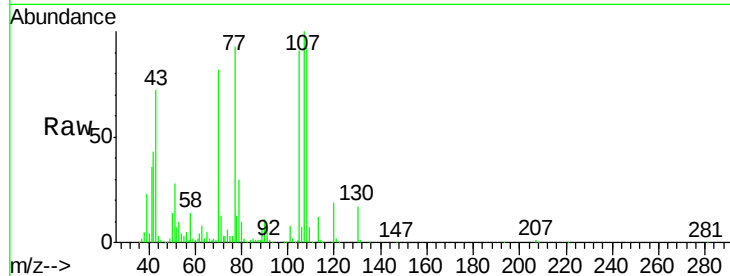
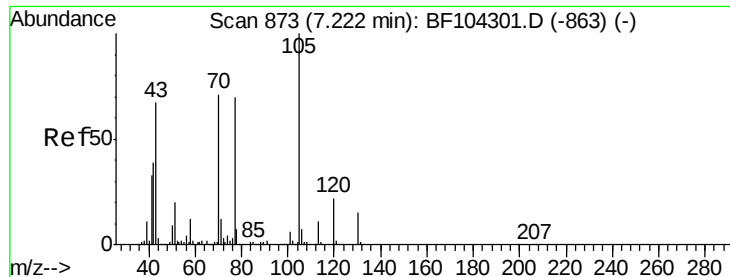
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#18
Hexachloroethane
Concen: 31.918 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.7	75.8	113.8	
201	82.5	75.7	113.5	





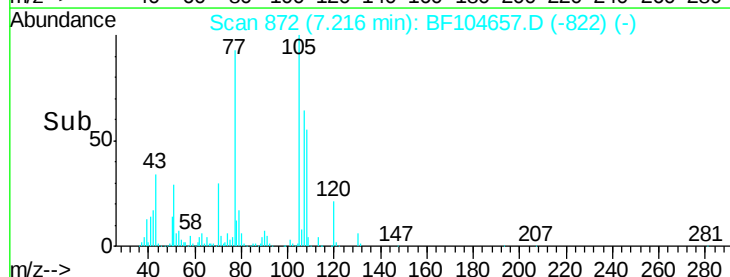
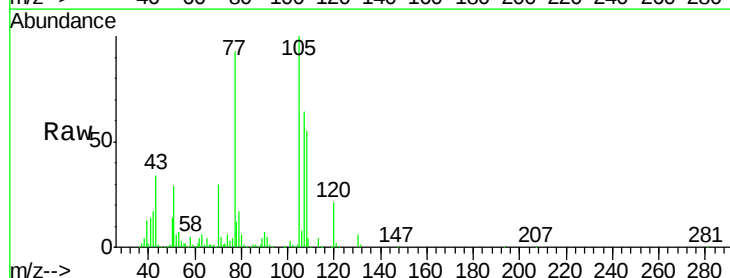
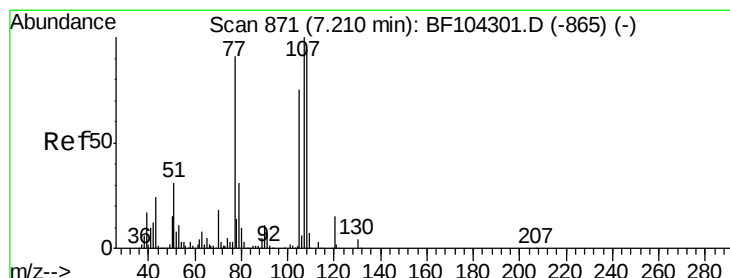
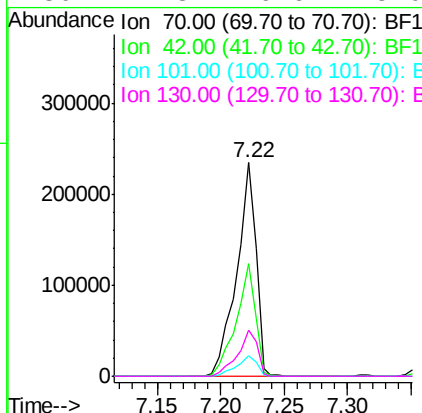
#19
n-Nitroso-di-n-propylamine
Concen: 32.948 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.5		47.5	71.3	
101	9.7		7.4	11.2	
130	21.3		16.6	25.0	

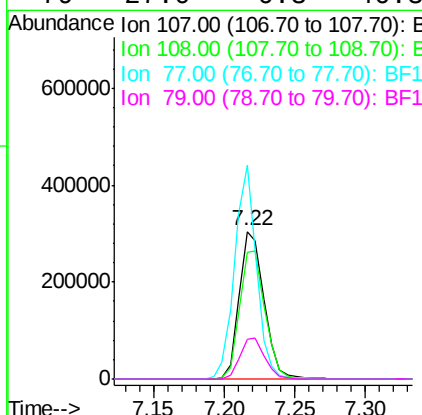
Manual Integrations
APPROVED

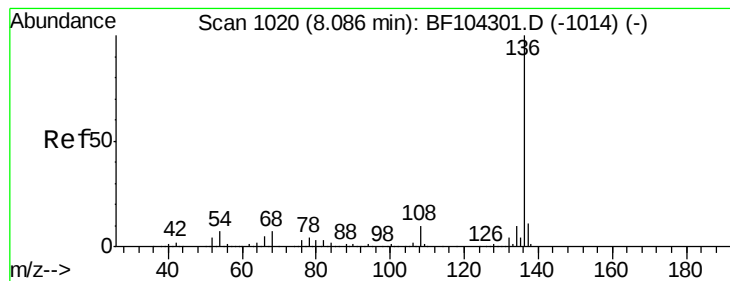
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#20
3+4-Methylphenols
Concen: 35.240 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.8		68.2	108.2	
77	144.6		26.7	66.7#	
79	27.0		6.3	46.3	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

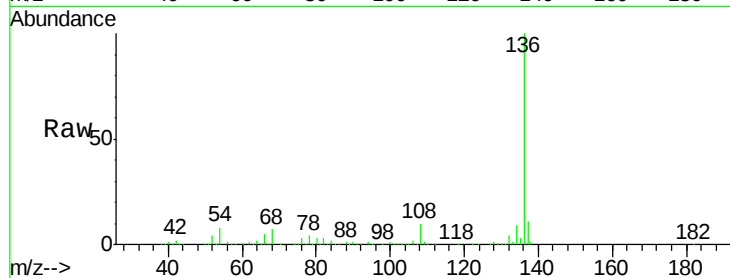
ClientSampleId :

PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	575298		
137	11.2		8.9	13.3
54	7.7		6.6	9.8
68	6.8		5.0	7.4

Manual Integrations
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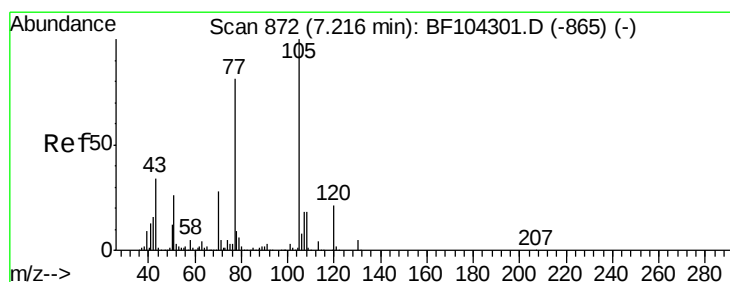
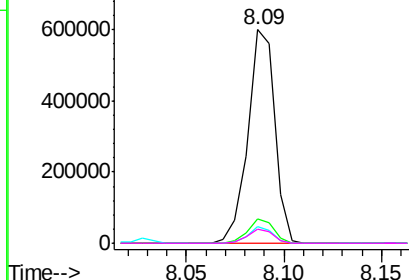
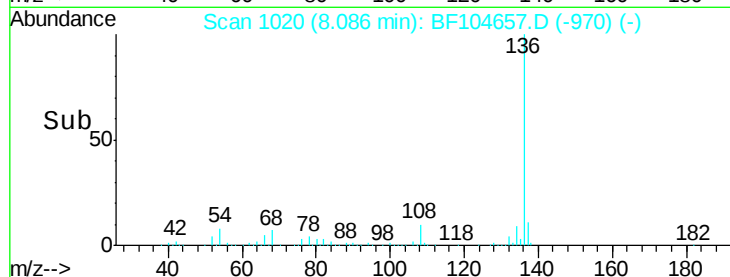


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 34.872 ng

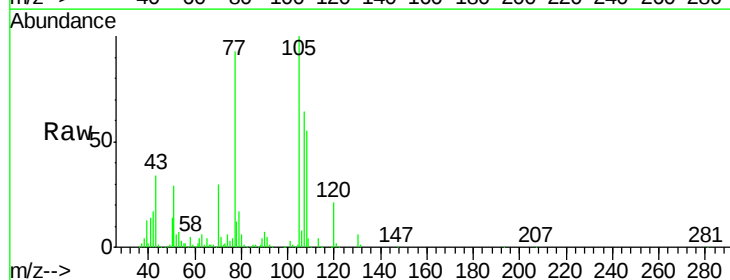
RT: 7.22 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	493912		
71	5.0		4.4	6.6
51	29.1		22.3	33.5
120	20.7		16.9	25.3

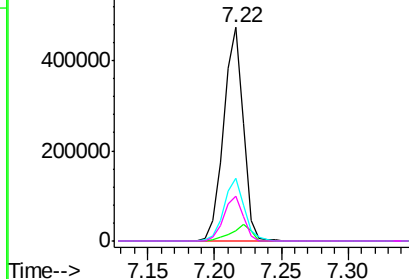
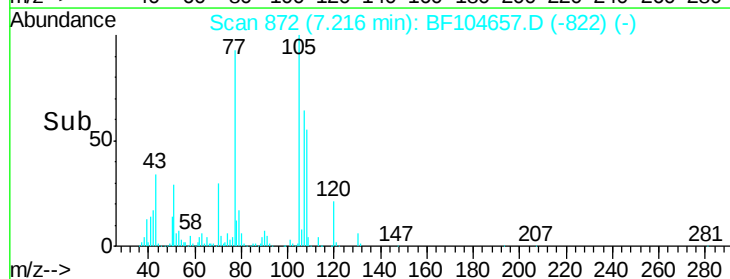


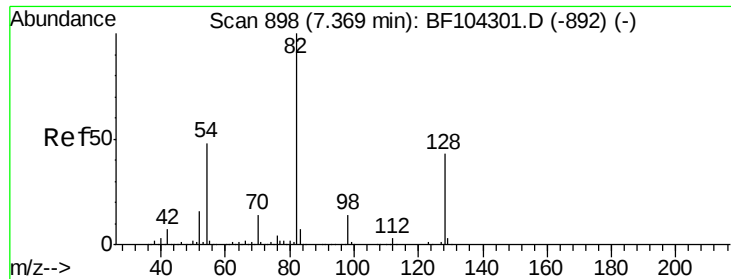
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





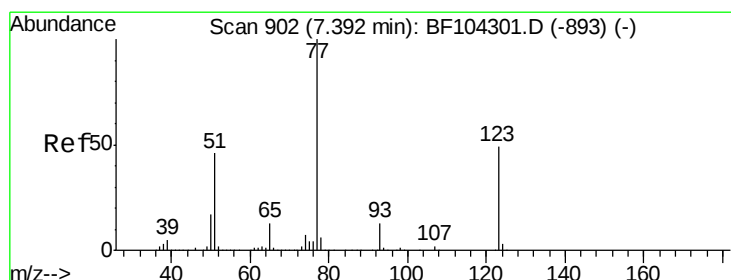
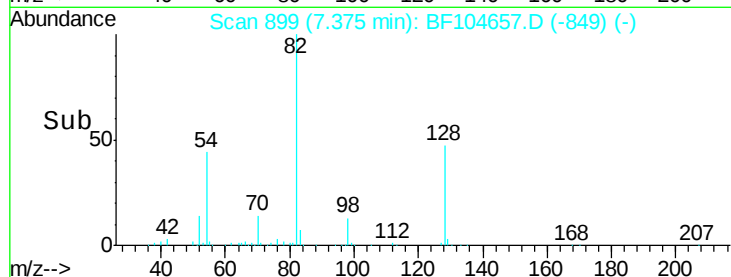
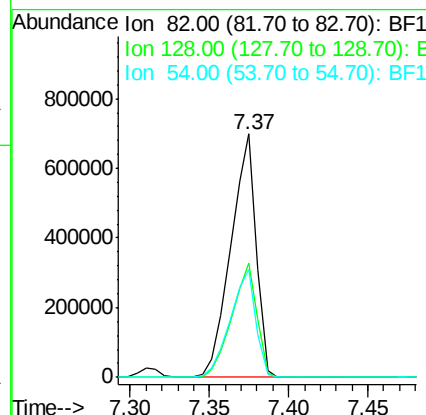
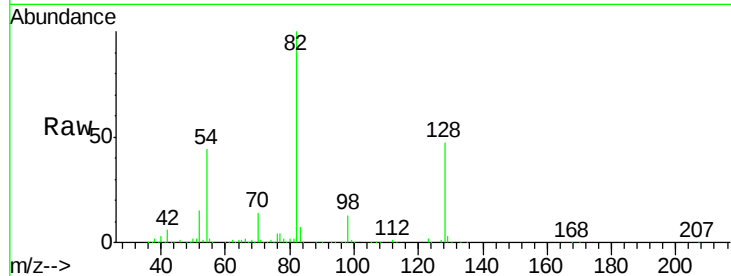
#23
 Nitrobenzene-d5
 Concen: 87.686 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	82	Resp	772546
Ion Ratio	100	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	44.5	41.4	62.2

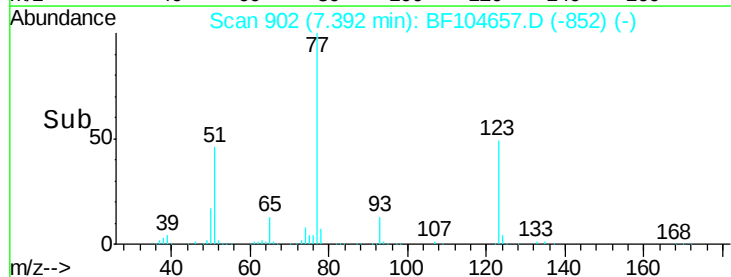
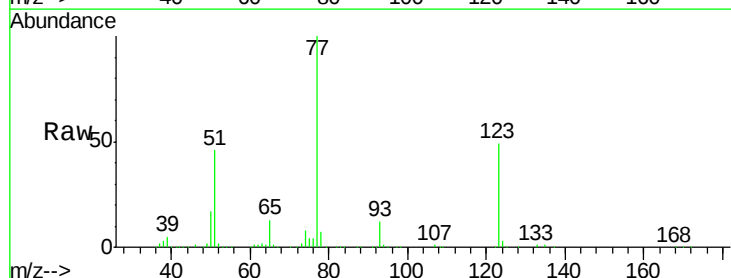
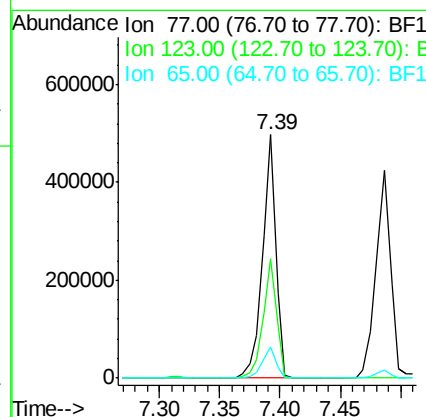
Manual Integrations
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#24
 Nitrobenzene
 Concen: 39.908 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	77	Resp	388197
Ion Ratio	100	Lower	Upper
77	100		
123	48.9	37.9	56.9
65	12.9	11.0	16.4





#25

Isophorone

Concen: 37.831 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

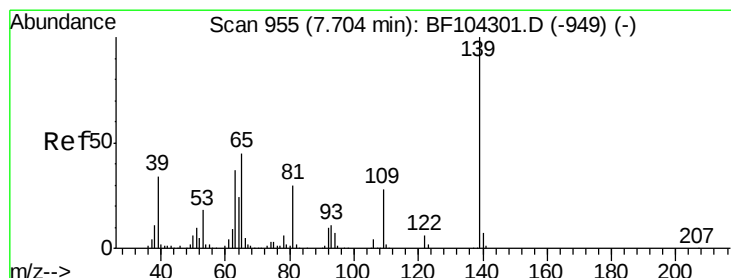
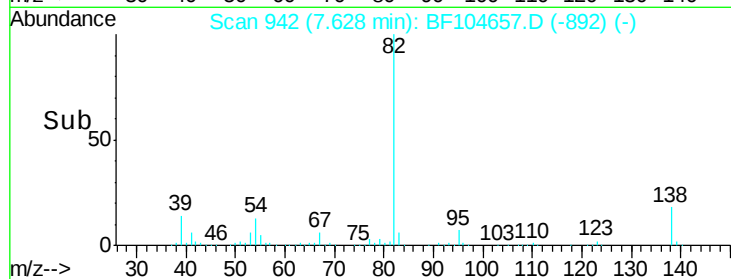
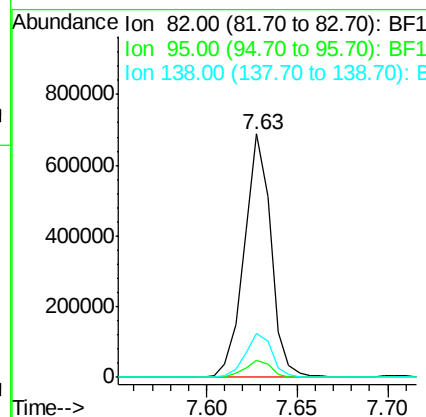
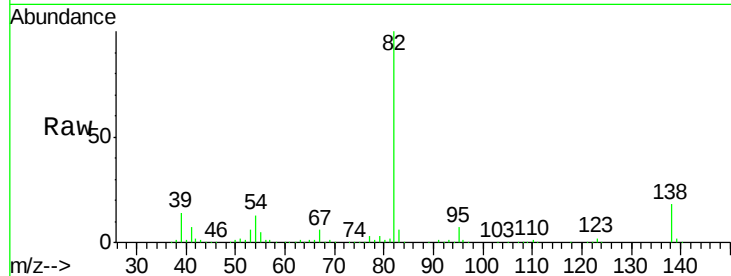
ClientSampleId :

PB108328BSD

Tot Ion:	82	Resp:	704818
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.2	7.8
138	17.8	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 49.318 ng

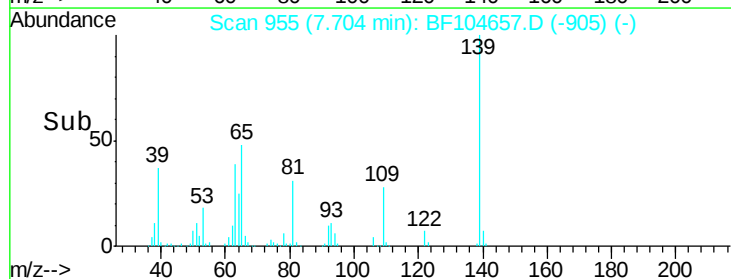
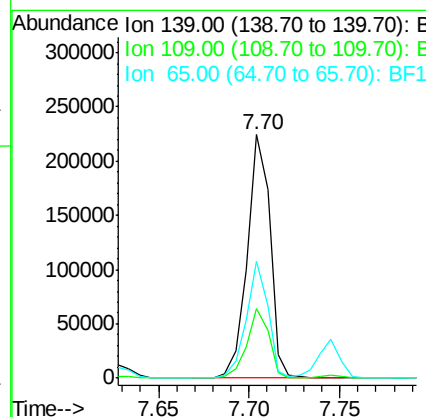
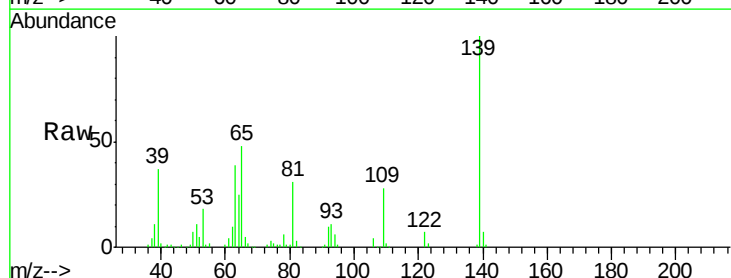
RT: 7.70 min Scan# 955

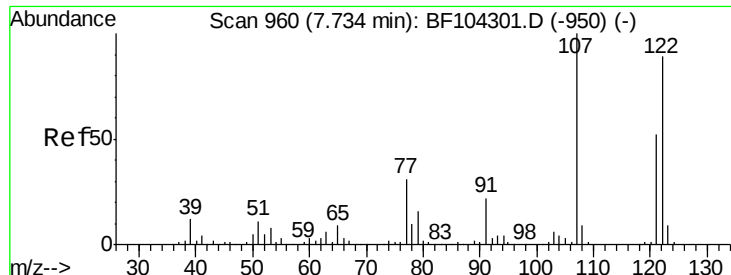
Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	139	Resp:	195299
Ion Ratio	Lower	Upper	
139	100		
109	28.4	22.7	34.1
65	48.1	40.5	60.7





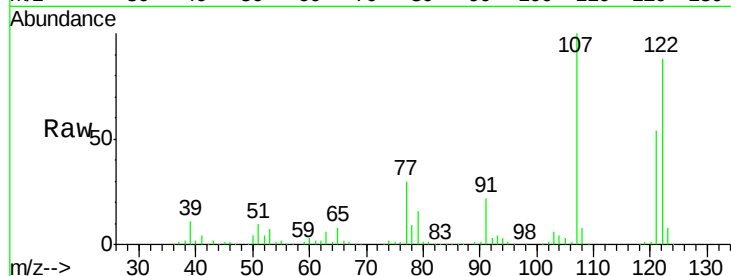
#27
2,4-Dimethylphenol
Concen: 40.410 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

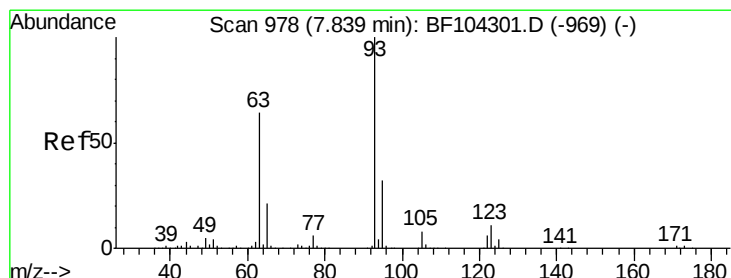
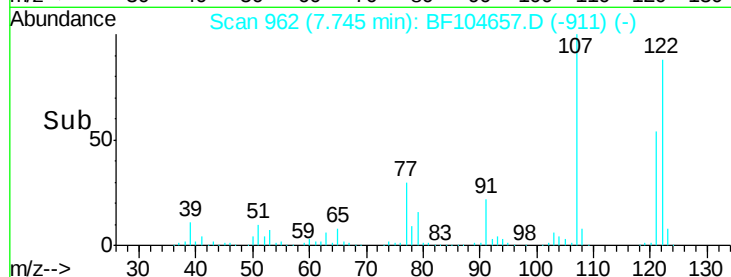
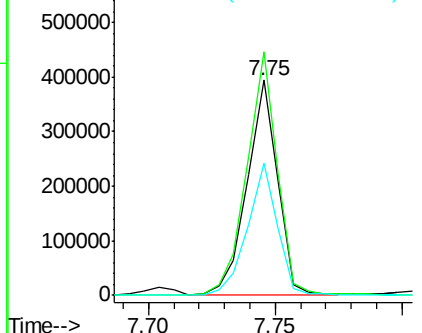
Tot Ion	Ratio	Lower	Upper
122	100		
107	113.0	91.2	136.8
121	61.3	47.2	70.8

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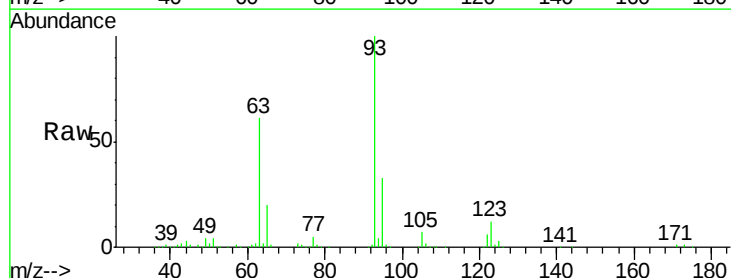


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

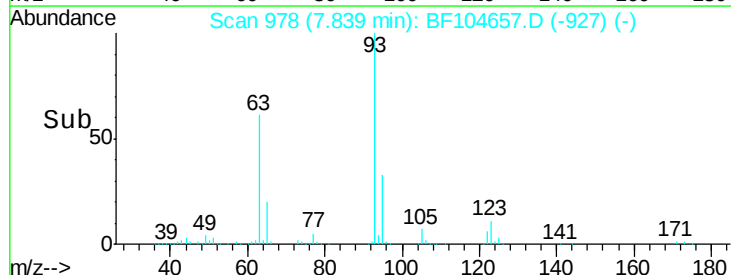
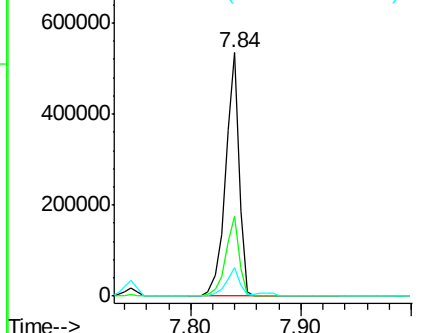


#28
bis(2-Chloroethoxy)methane
Concen: 40.277 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.6	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





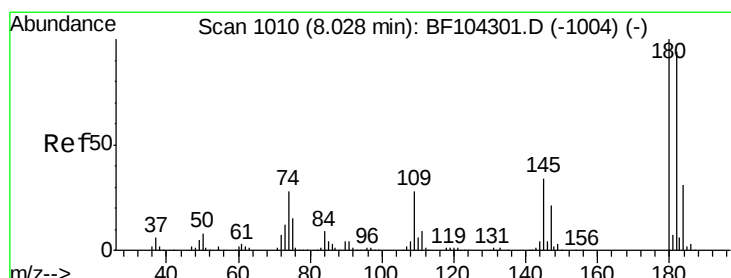
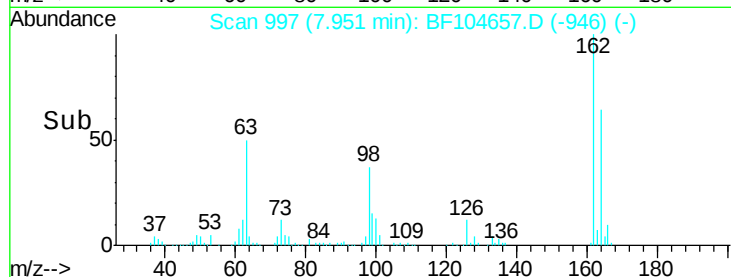
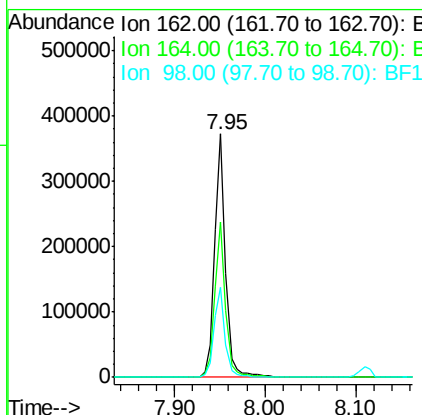
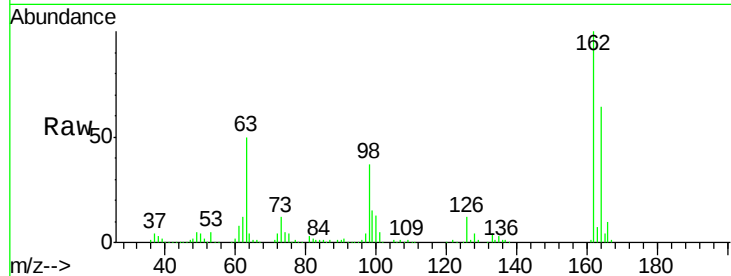
#29
2,4-Dichlorophenol
Concen: 39.997 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion:	162	Resp:	313791
Ion Ratio	Lower	Upper	
162	100		
164	63.6	42.7	82.7
98	36.8	18.1	58.1

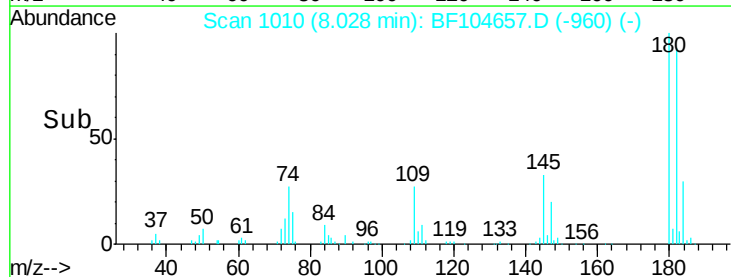
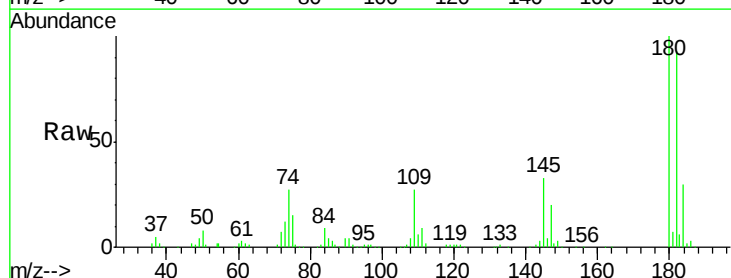
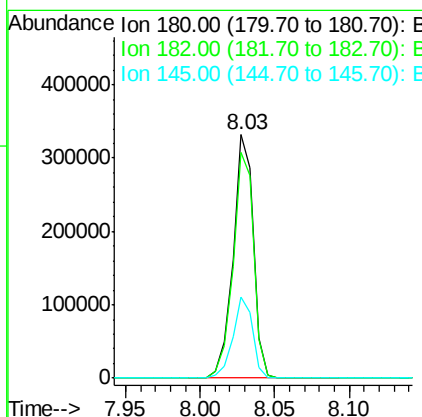
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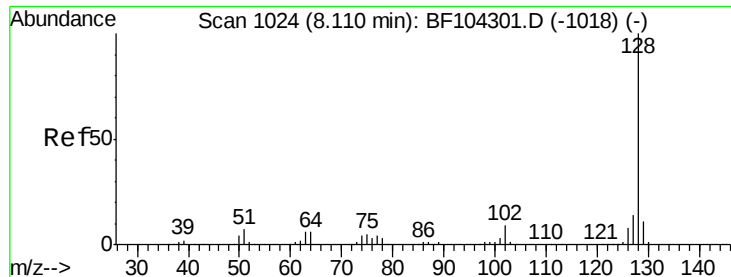
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#30
1,2,4-Trichlorobenzene
Concen: 36.840 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion:	180	Resp:	317191
Ion Ratio	Lower	Upper	
180	100		
182	92.8	76.8	115.2
145	33.4	26.5	39.7





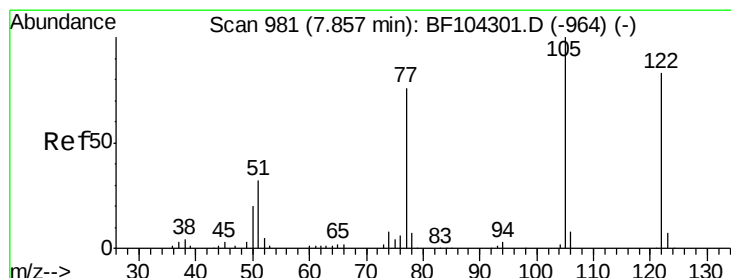
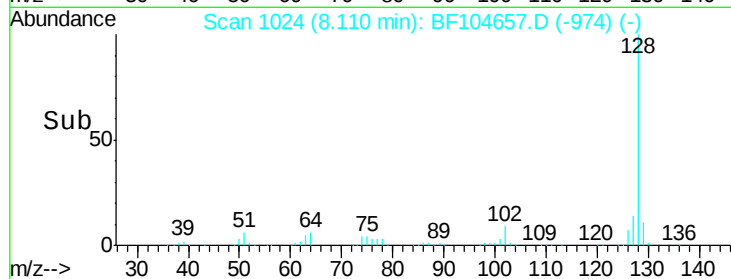
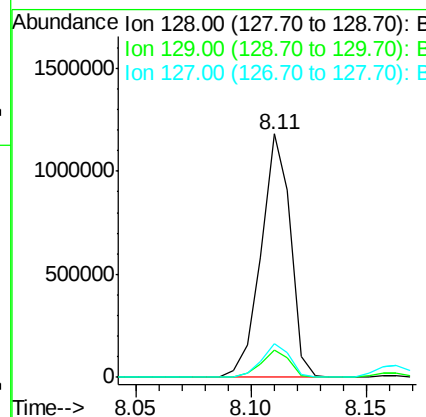
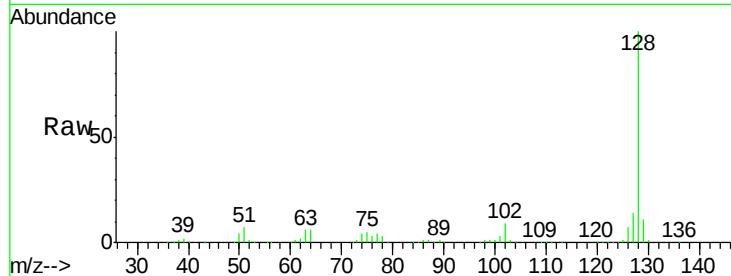
#31
Naphthalene
Concen: 36.680 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.7	10.9	16.3

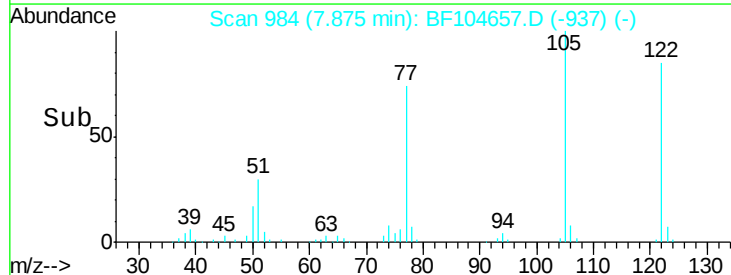
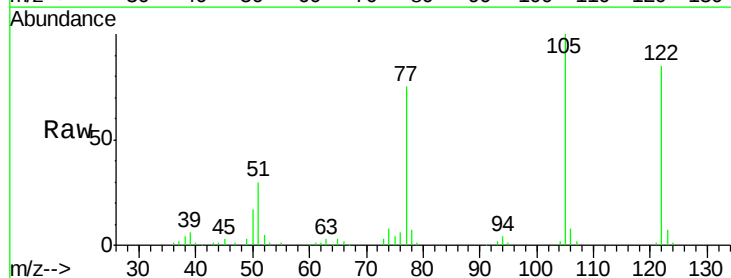
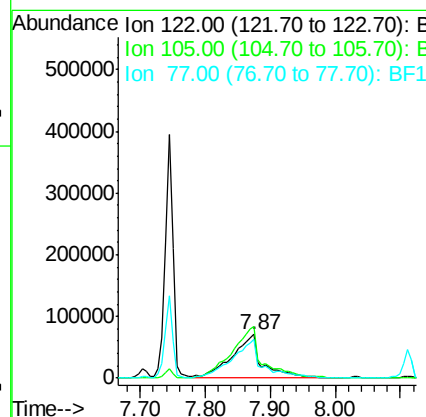
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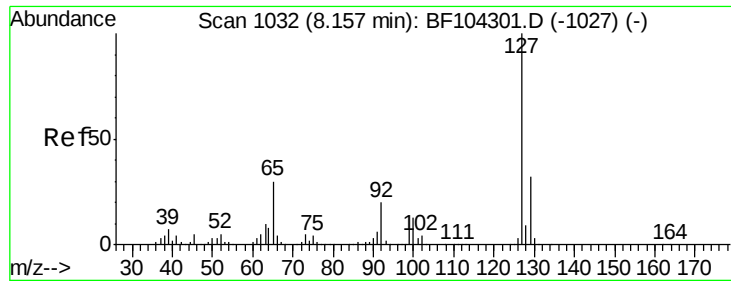
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#32
Benzoic acid
Concen: 34.167 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.4	101.1	141.1
77	87.6	70.7	110.7





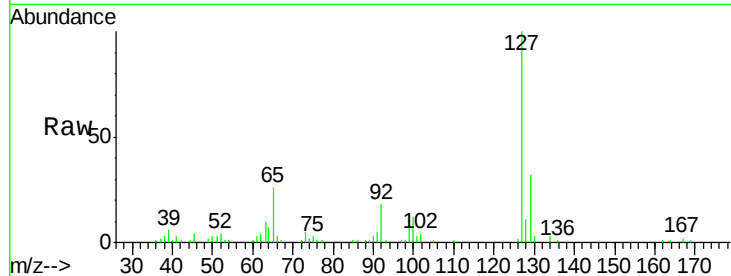
#33
4-Chloroaniline
Concen: 6.559 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

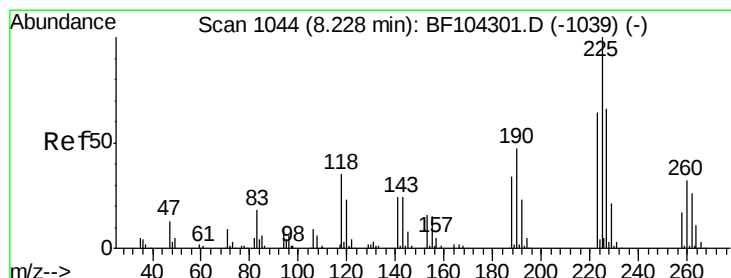
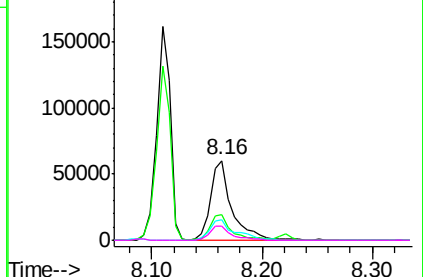
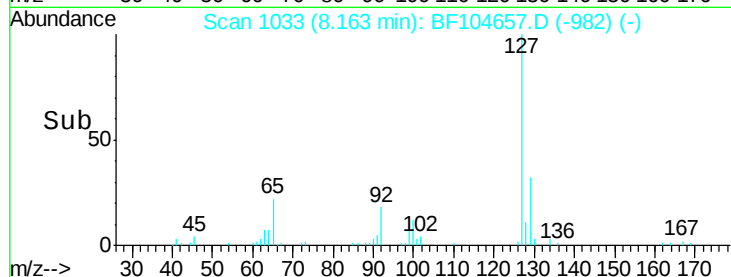
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.9	38.9		
65	26.1	25.0	37.4		
92	17.7	15.2	22.8		

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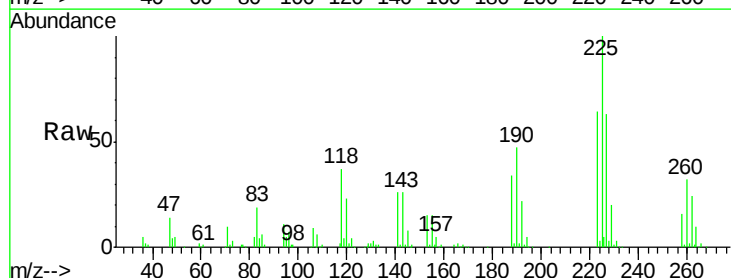


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

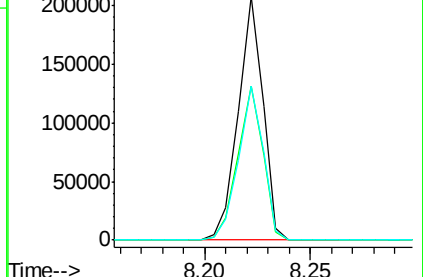
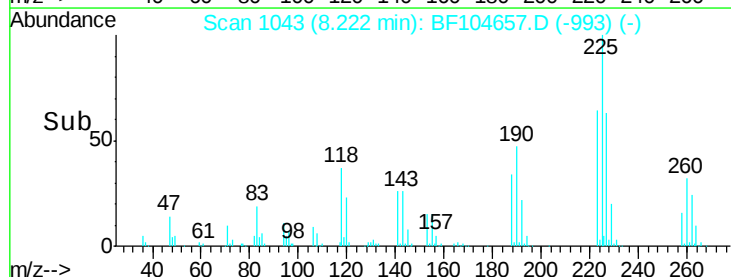


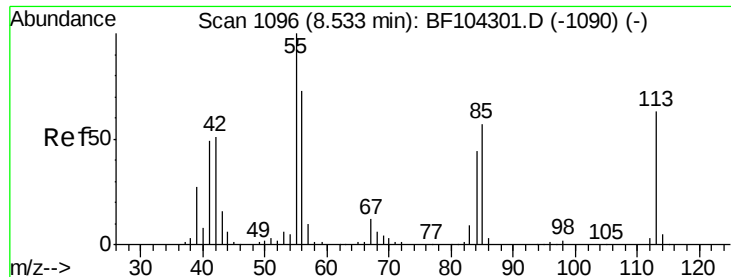
#34
Hexachlorobutadiene
Concen: 35.584 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	63.2	51.9	77.9		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





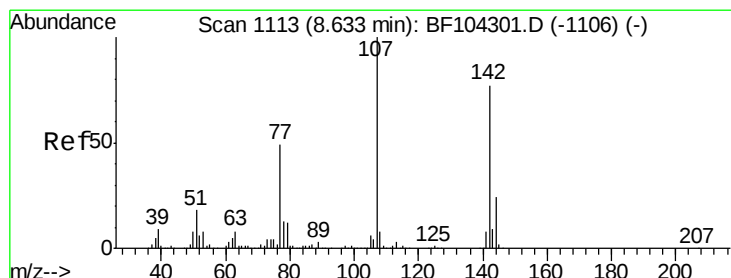
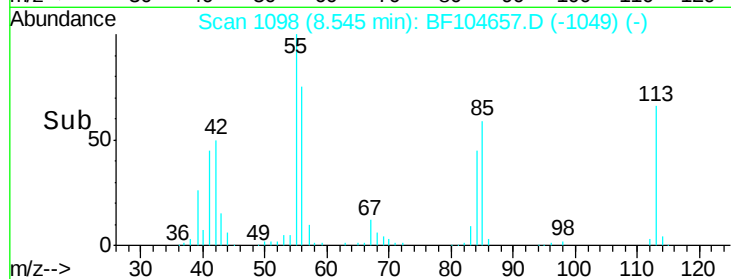
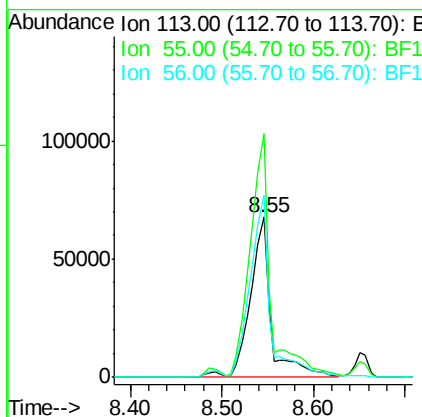
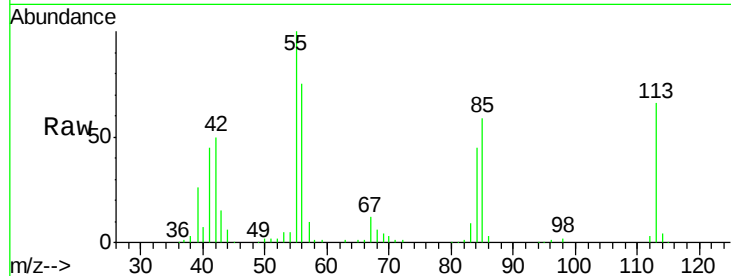
#35
 Caprolactam
 Concen: 38.564 ng/ml
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleID :
 PB108328BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	152.3	163.3	203.3#
56	113.7	115.7	155.7#

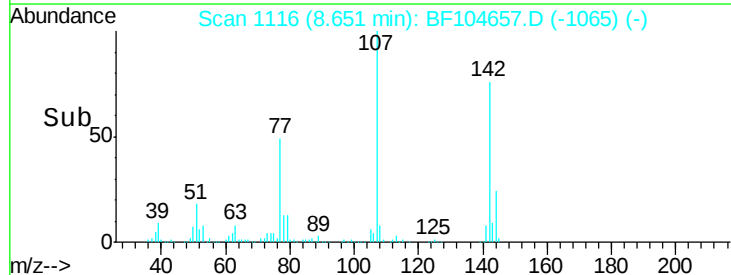
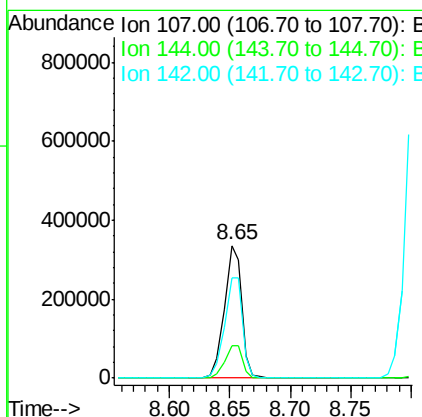
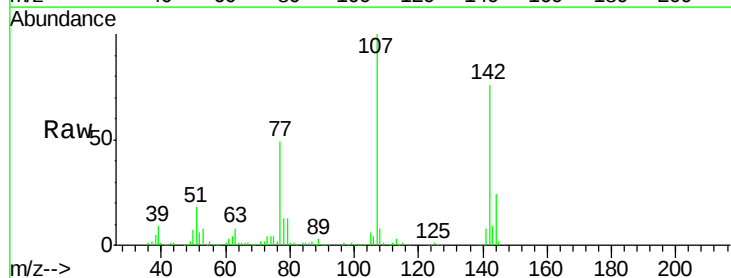
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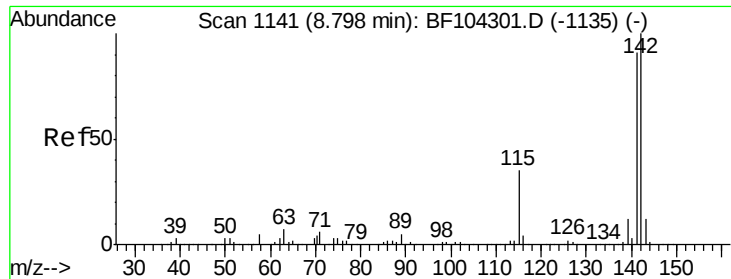
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#36
 4-Chloro-3-methylphenol
 Concen: 39.660 ng/ml
 RT: 8.65 min Scan# 1116
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.5	20.5	30.7
142	76.0	62.0	93.0





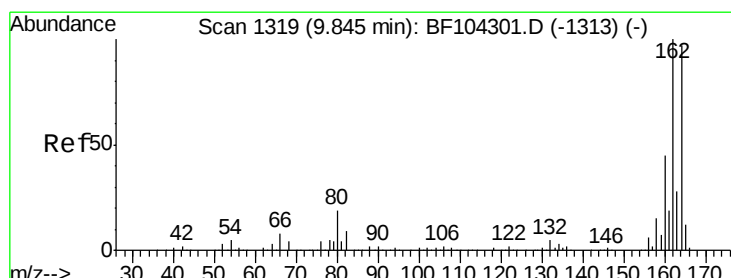
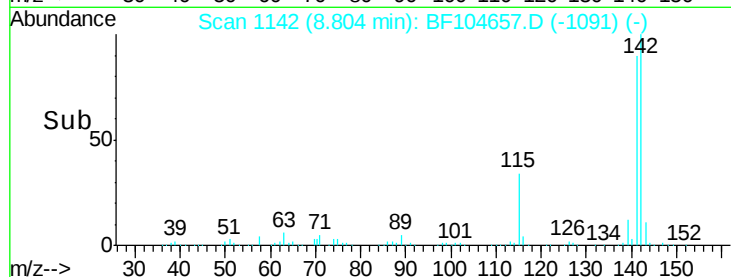
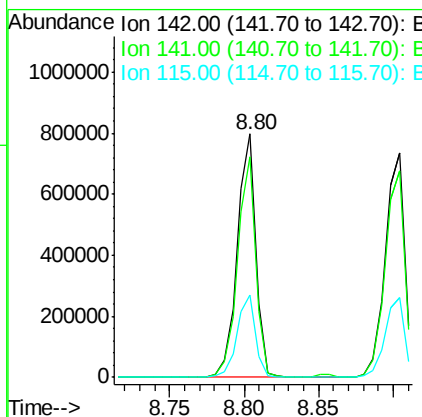
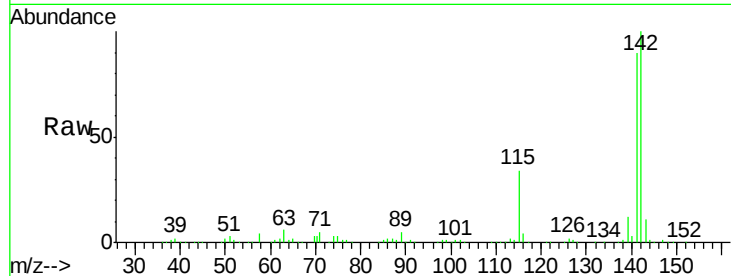
#37
2-Methylnaphthalene
Concen: 37.539 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.8	106.2
115	33.9	26.1	39.1

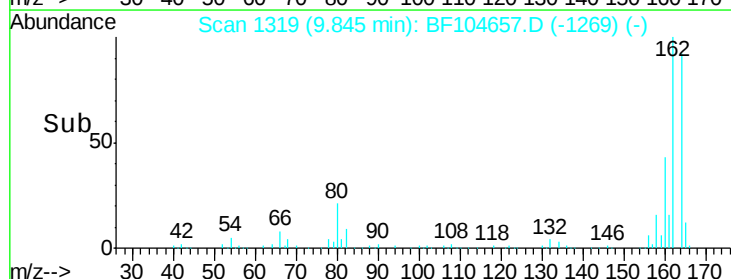
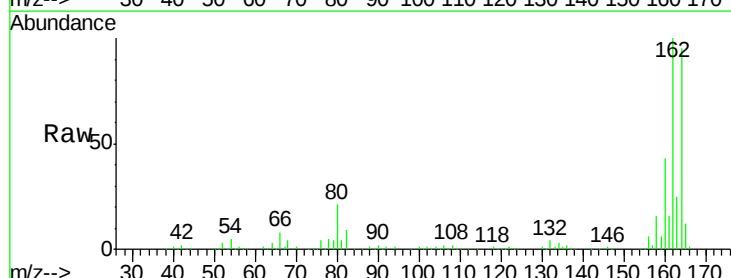
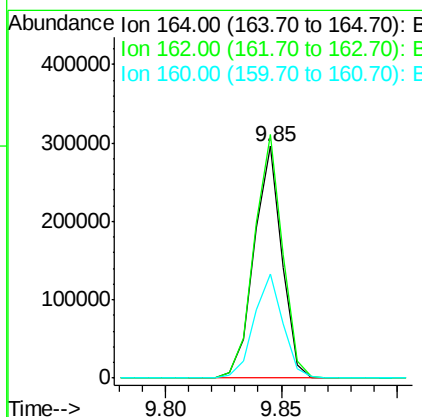
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	86.1	129.1
160	45.0	38.3	57.5





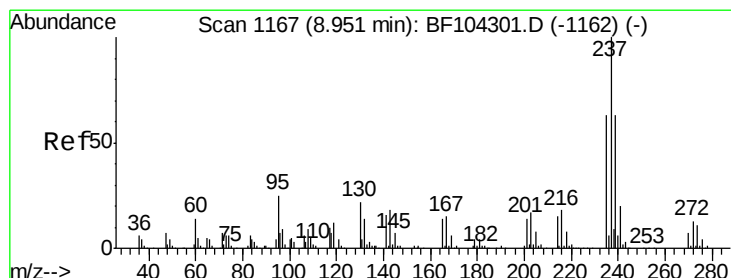
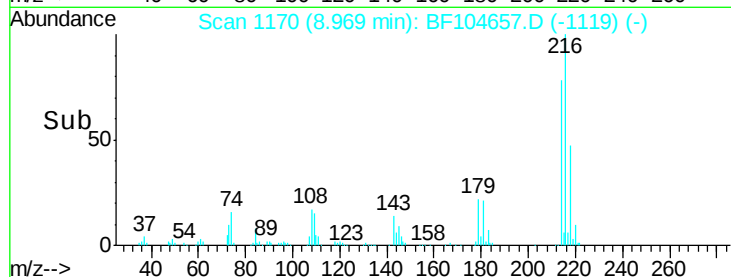
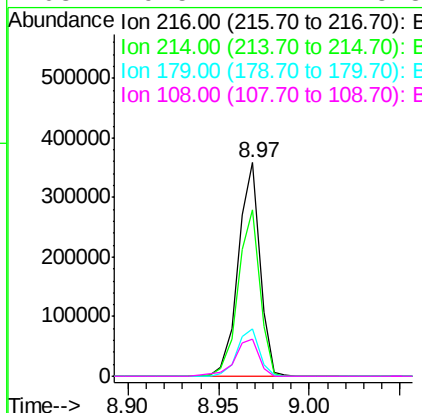
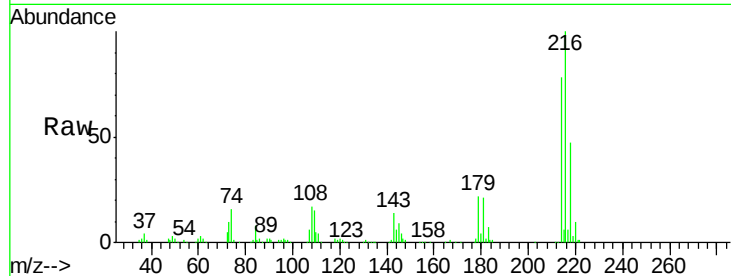
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.786 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	216	100	297769		
214	214	78.2	63.0	94.4	
179	179	22.6	18.1	27.1	
108	108	19.5	17.2	25.8	

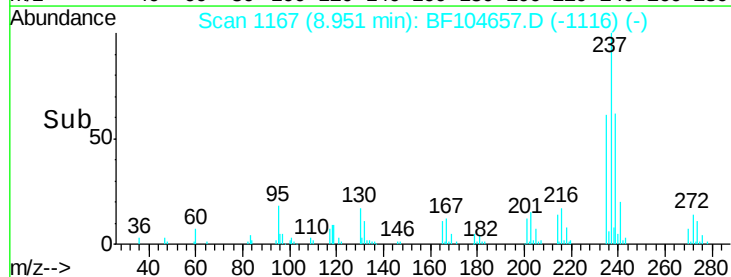
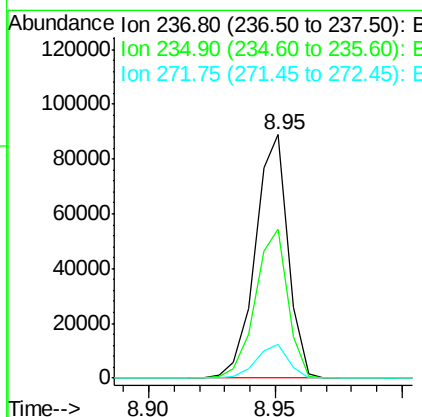
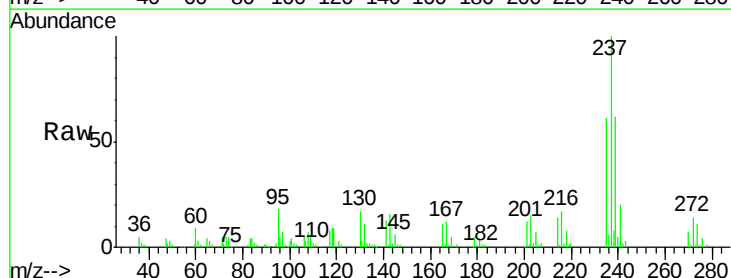
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#40
 Hexachlorocyclopentadiene
 Concen: 19.918 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	237	100	79461		
235	235	61.4	44.8	84.8	
272	272	13.7	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 78.743 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

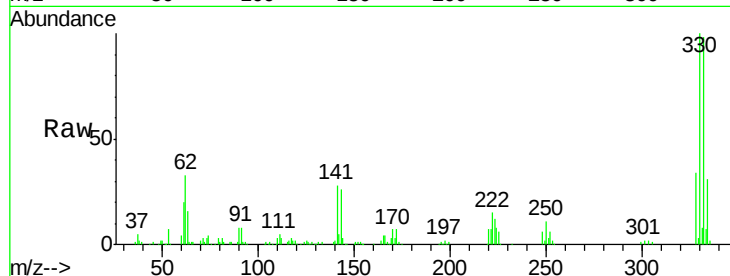
ClientSampleId :

PB108328BSD

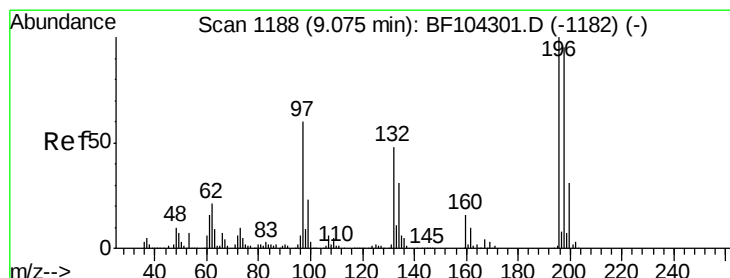
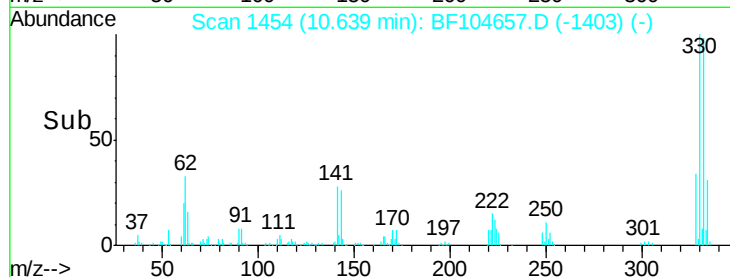
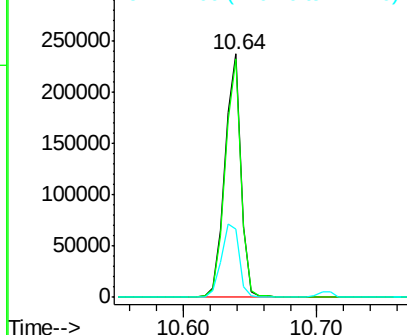
Tot Ion:	330	Resp:	203341
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.0	115.6
141	33.6	29.9	44.9

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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: 41.558 ng

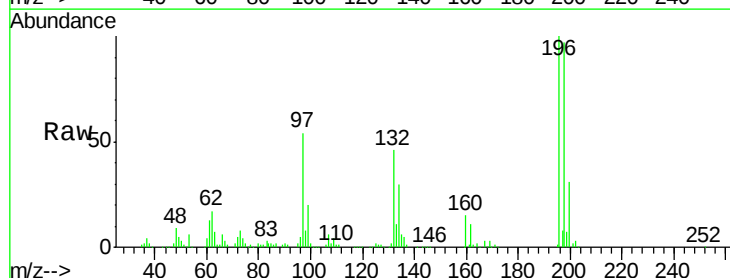
RT: 9.09 min Scan# 1190

Delta R.T. 0.00 min

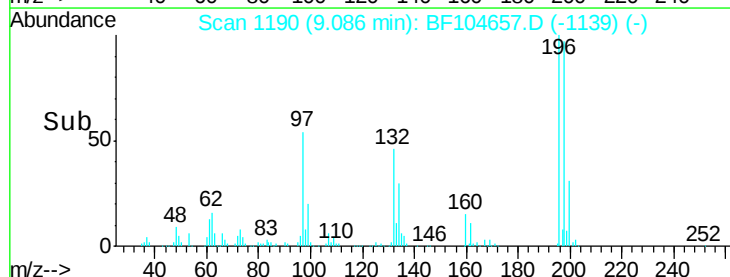
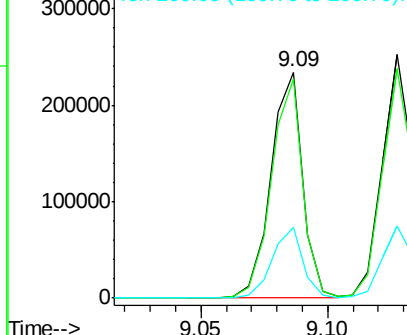
Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	196	Resp:	205582
Ion Ratio	Lower	Upper	
196	100		
198	97.2	75.7	113.5
200	31.2	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





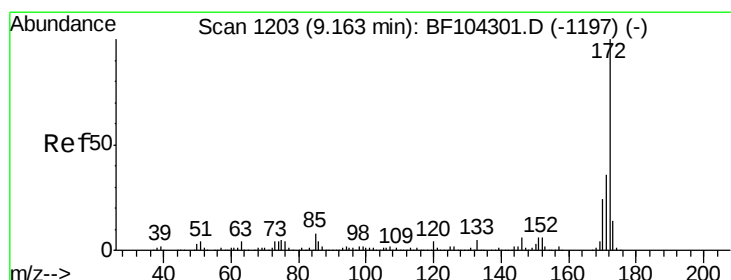
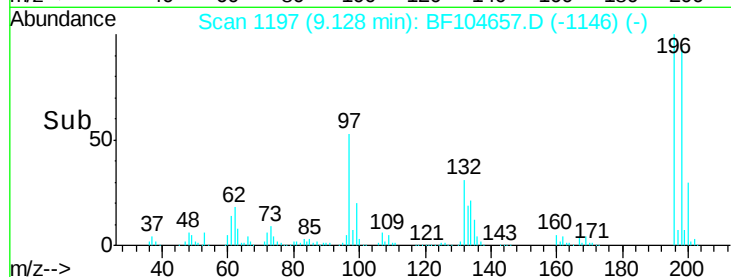
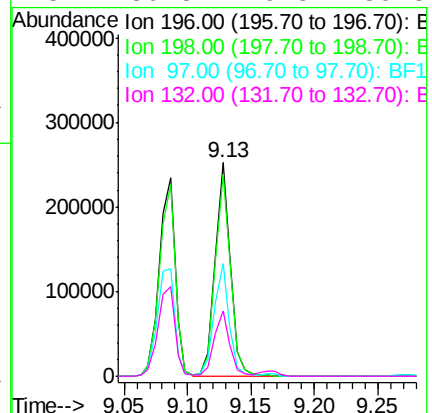
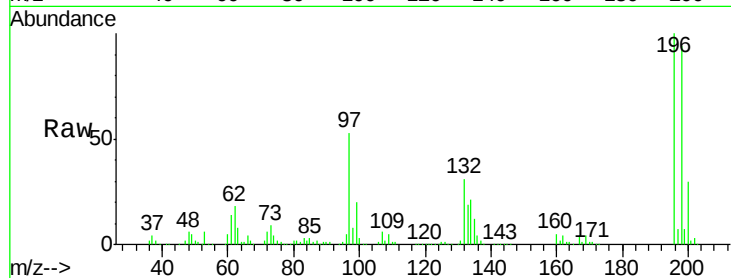
#43
 2,4,5-Trichlorophenol
 Concen: 39.467 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion:	196	Resp:	218479
Ion Ratio	Lower	Upper	
196	100		
198	94.4	74.6	112.0
97	52.9	42.9	64.3
132	30.8	26.3	39.5

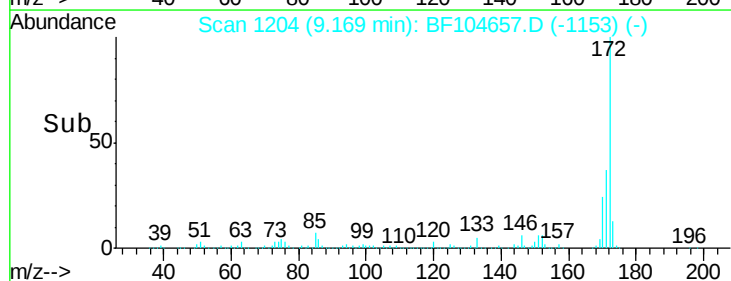
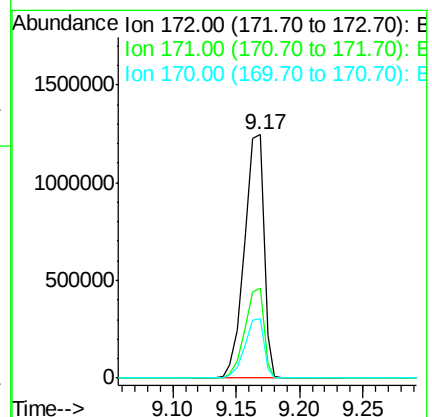
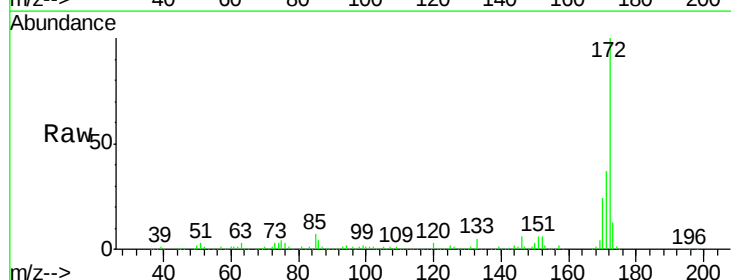
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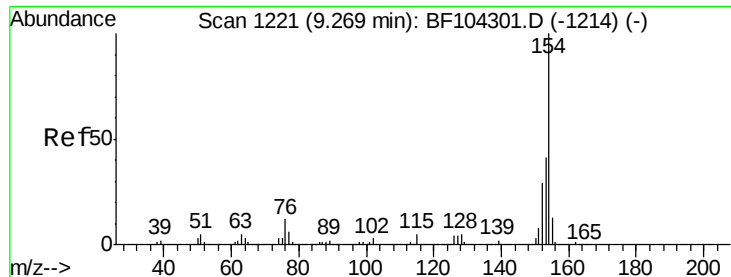
Sohil
 4/20/2018 3:05:49 PM



#44
 2-Fluorobiphenyl
 Concen: 83.478 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion:	172	Resp:	1315461
Ion Ratio	Lower	Upper	
172	100		
171	36.7	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 38.809 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

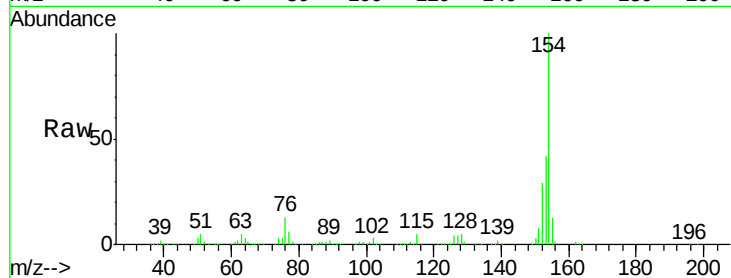
ClientSampleId :

PB108328BSD

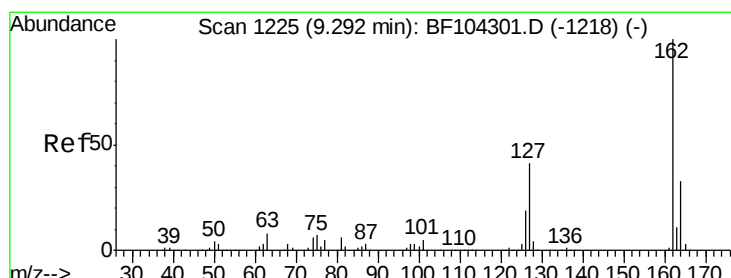
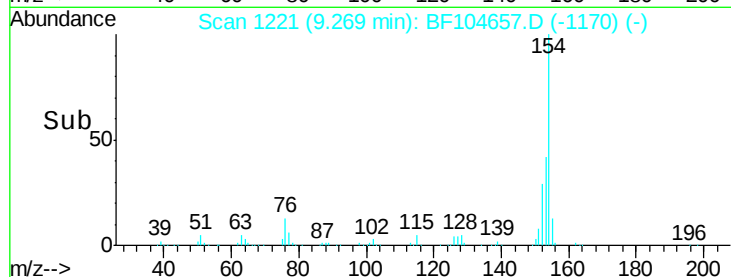
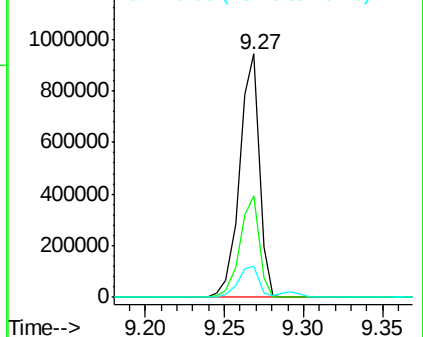
Tot Ion:	154	Resp:	811603
Ion Ratio	Lower	Upper	
154	100		
153	41.7	21.3	61.3
76	12.5	0.0	34.0

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



#46

2-Chloronaphthalene

Concen: 38.348 ng

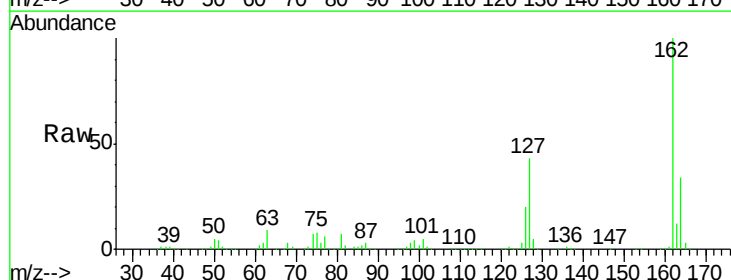
RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

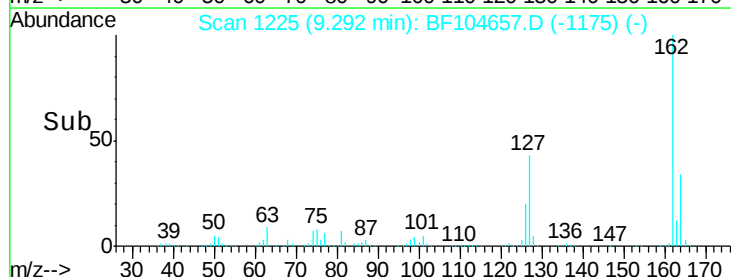
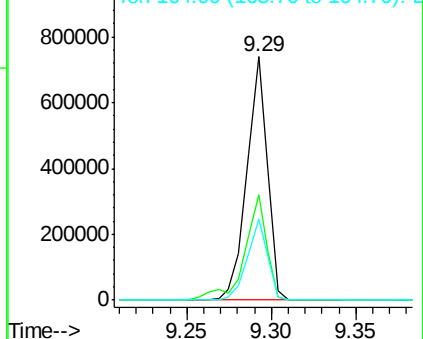
Lab File: BF104657.D

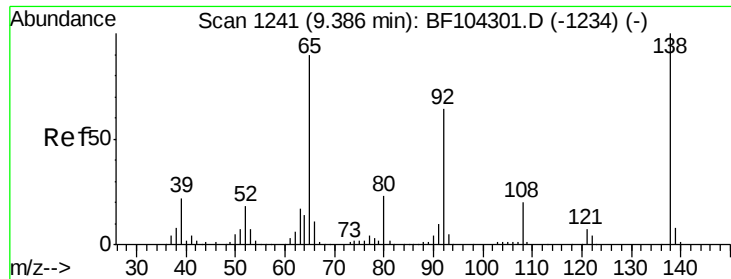
Acq: 20 Apr 2018 4:13

Tgt Ion:	162	Resp:	633453
Ion Ratio	Lower	Upper	
162	100		
127	43.2	33.9	50.9
164	33.5	26.5	39.7



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





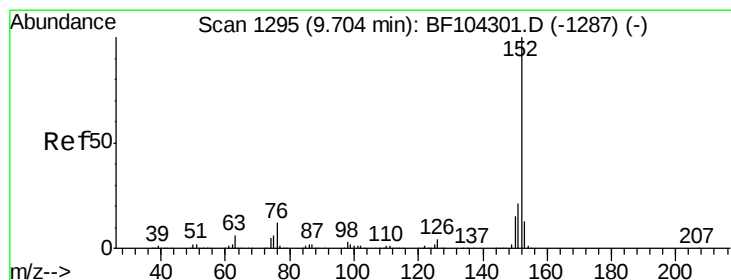
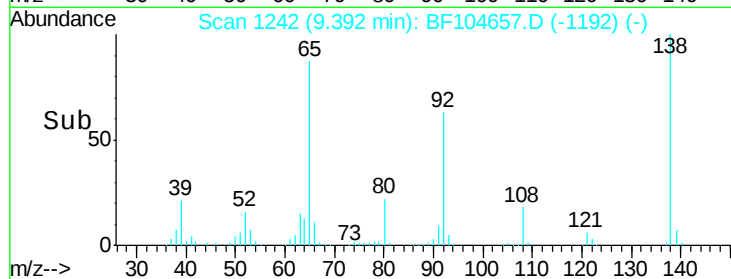
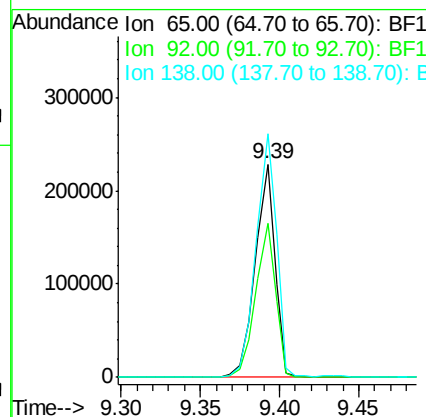
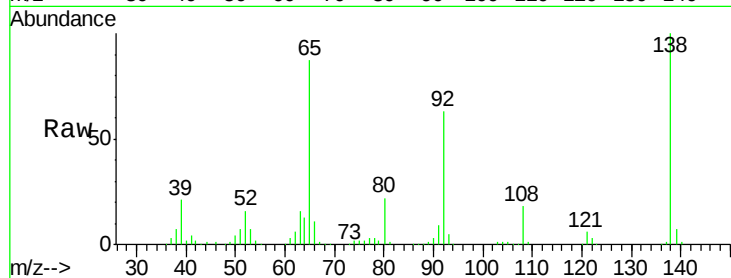
#47
2-Nitroaniline
Concen: 48.627 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.3	55.8	83.6
138	114.4	91.2	136.8

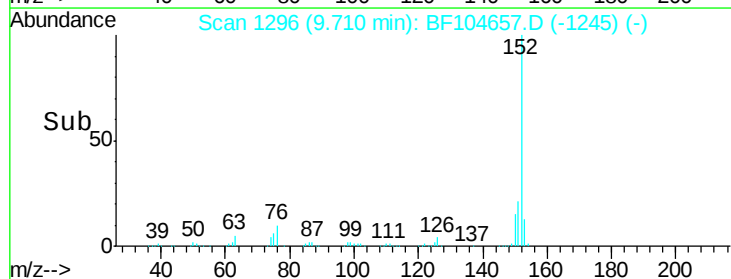
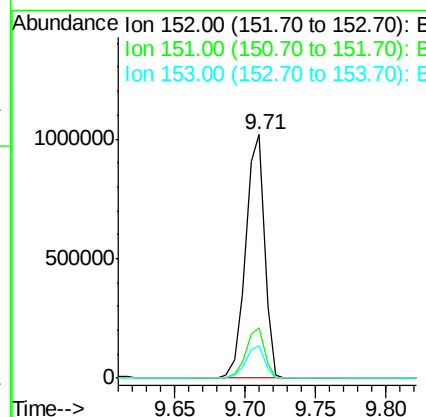
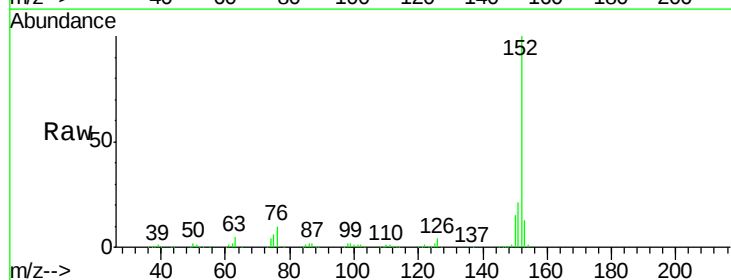
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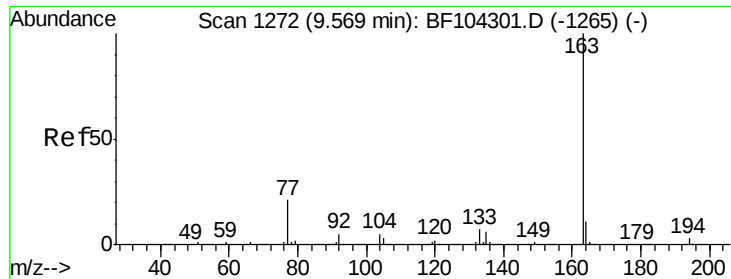
Sohil
4/20/2018 3:05:49 PM



#48
Acenaphthylene
Concen: 36.637 ng
RT: 9.71 min Scan# 1296
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.2	10.7	16.1





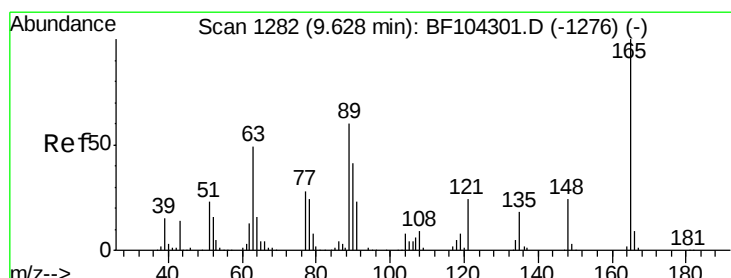
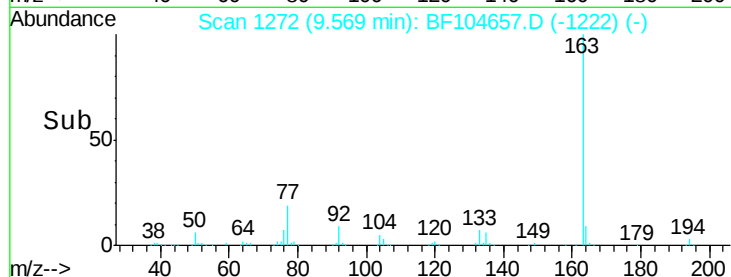
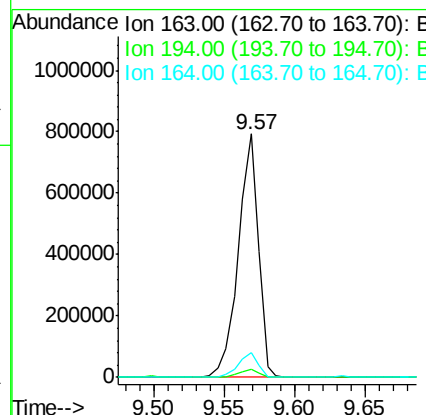
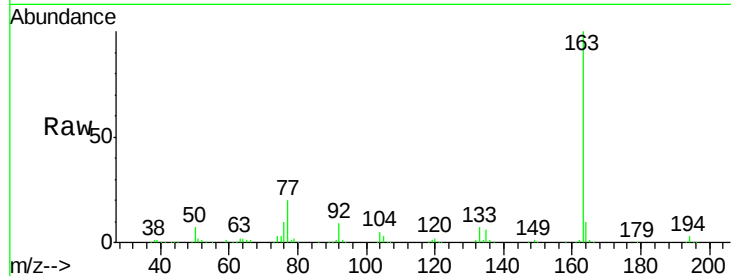
#49
Dimethylphthalate
Concen: 39.895 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.7	4.1	
164	10.0	8.2	12.2	

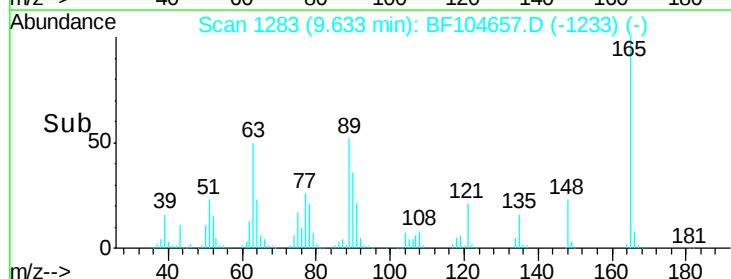
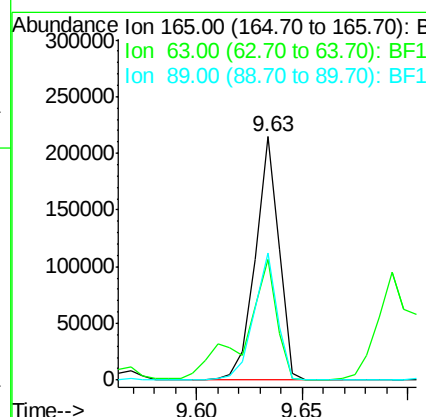
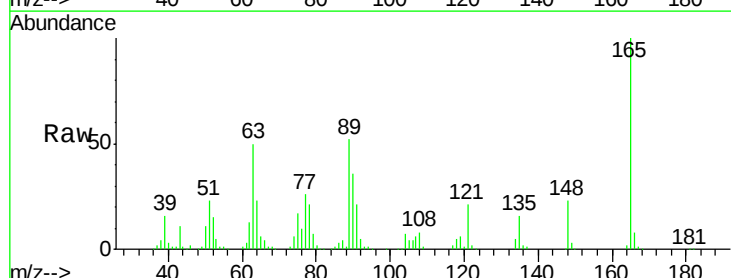
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#50
2,6-Dinitrotoluene
Concen: 46.346 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.7	44.7	67.1	
89	52.4	44.0	66.0	





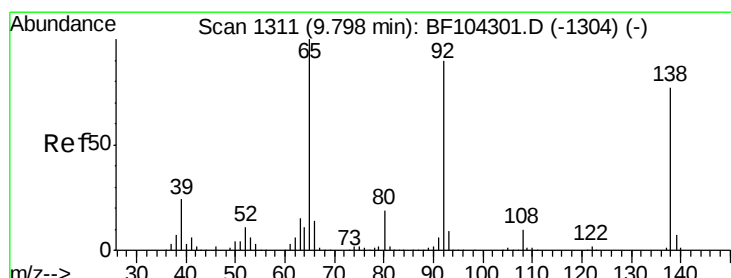
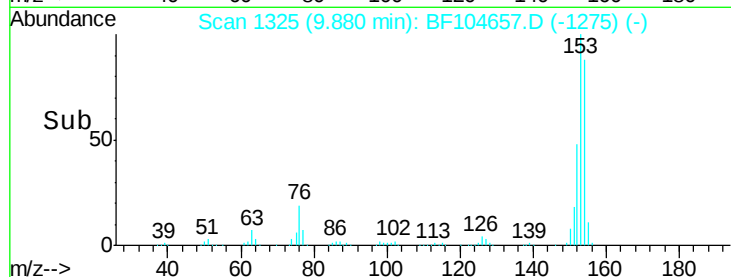
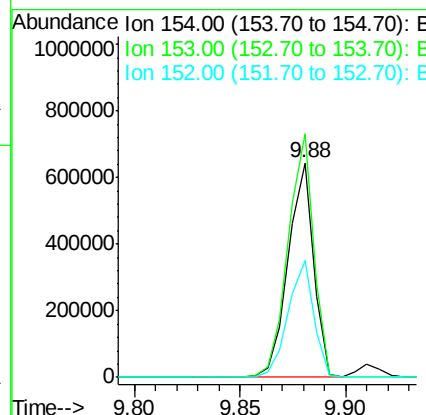
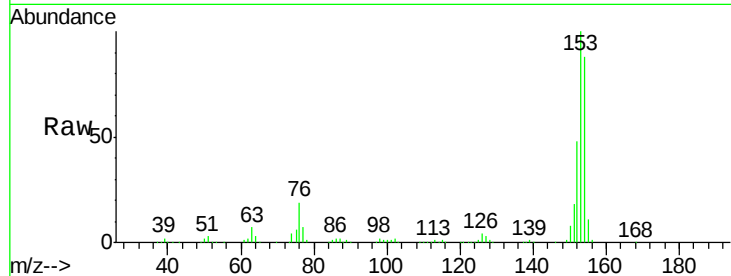
#51
Acenaphthene
Concen: 34.617 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.2	136.8
152	54.5	43.8	65.8

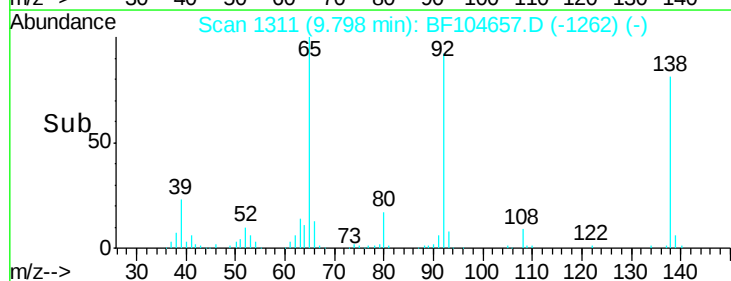
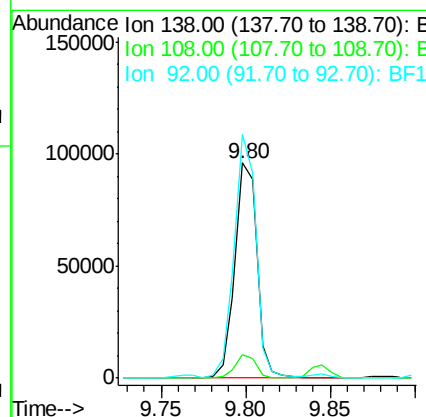
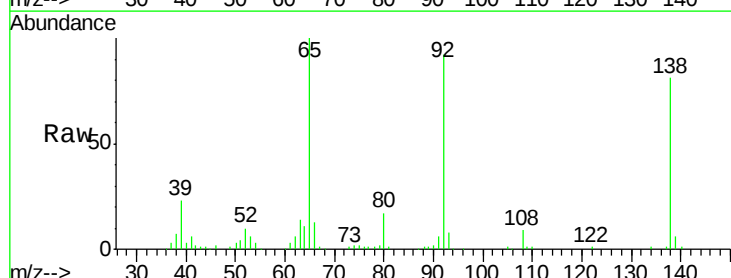
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#52
3-Nitroaniline
Concen: 20.478 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.4	14.0
92	113.1	89.4	134.2





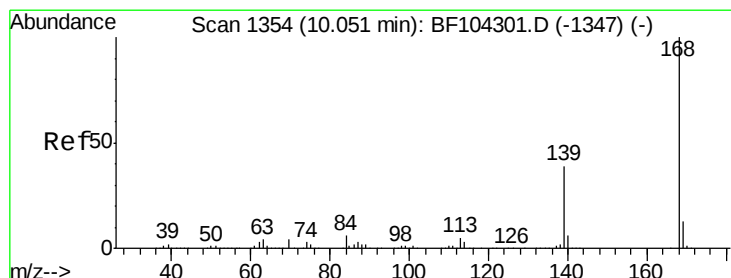
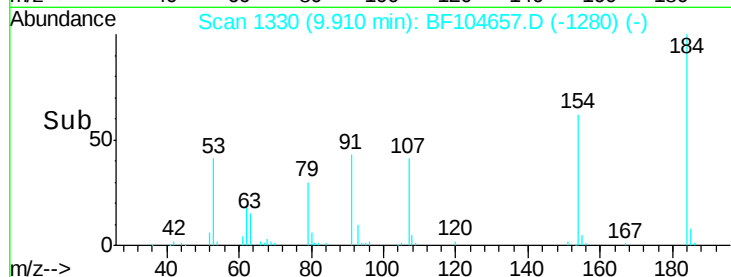
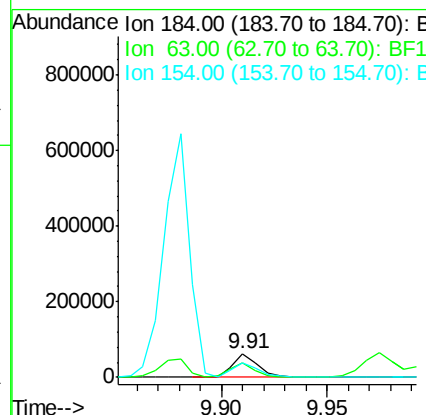
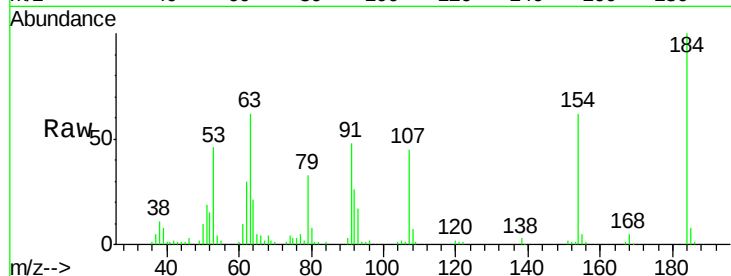
#53
 2,4-Dinitrophenol
 Concen: 44.706 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	51937		
63	61.6	54.2	81.2	
154	62.5	184.0	276.0	

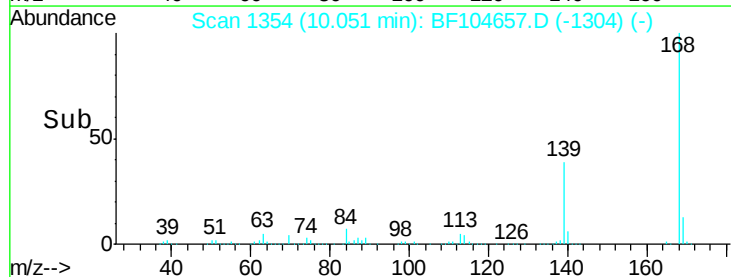
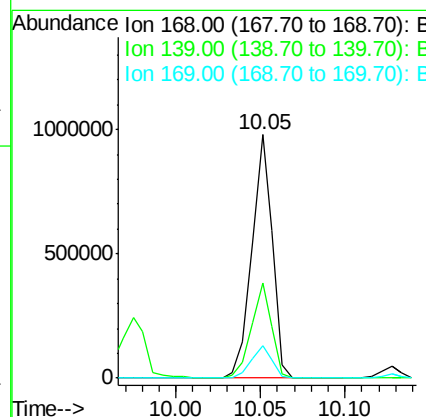
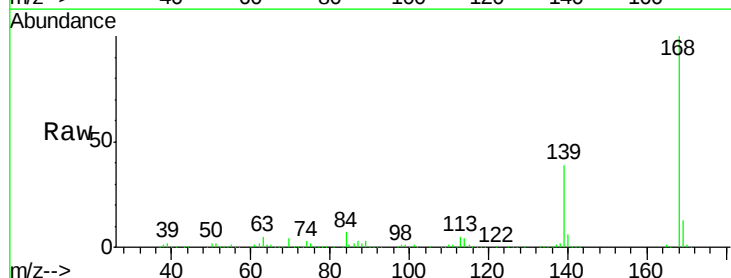
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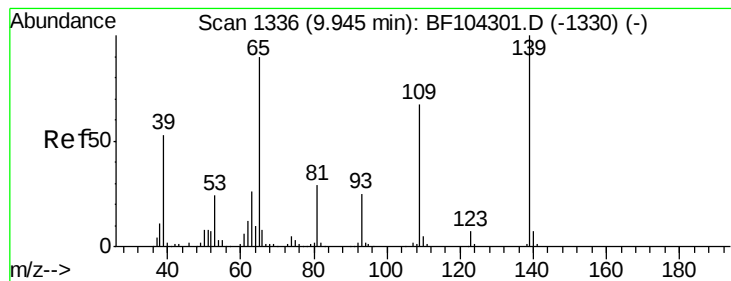
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#54
 Dibenzofuran
 Concen: 37.672 ng
 RT: 10.05 min Scan# 1354
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	830169		
139	39.3	30.1	45.1	
169	13.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 76.435 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

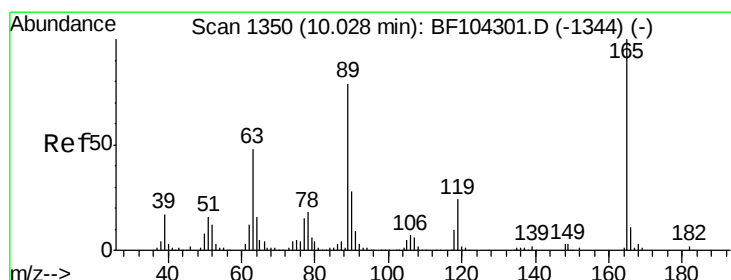
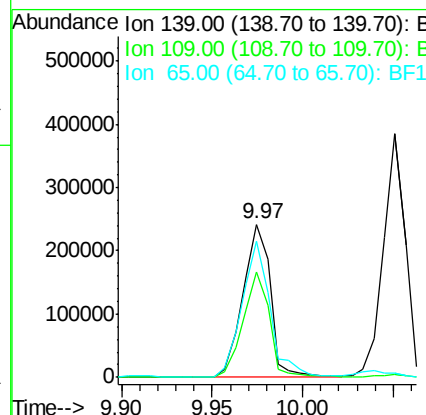
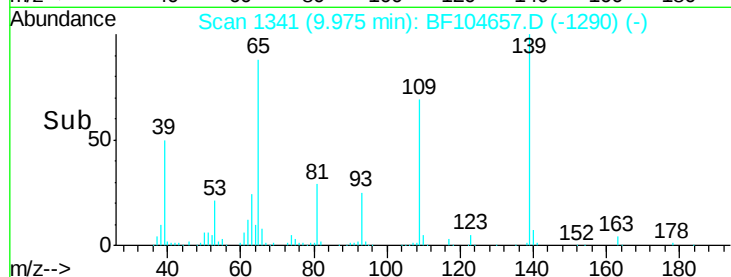
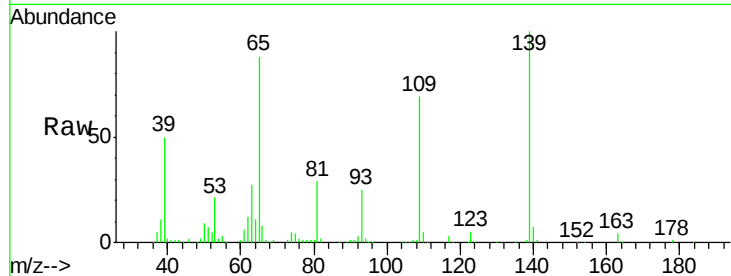
ClientSampled :

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Tot Ion:	139	Resp:	255331
Ion Ratio	Lower	Upper	
139	100		
109	68.6	48.4	88.4
65	88.5	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 43.463 ng

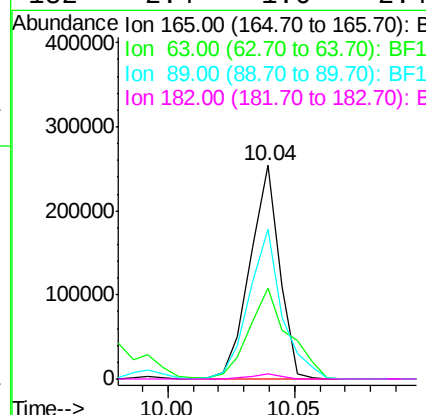
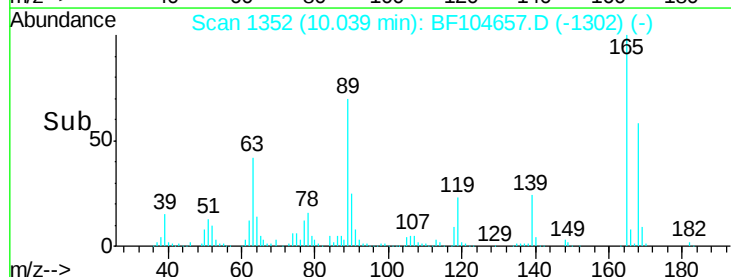
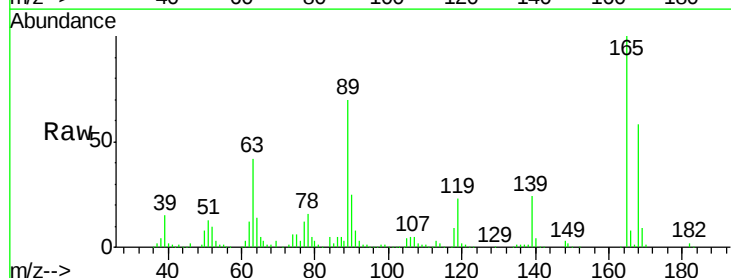
RT: 10.04 min Scan# 1352

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	165	Resp:	207091
Ion Ratio	Lower	Upper	
165	100		
63	42.5	36.4	54.6
89	70.1	57.8	86.6
182	2.4	1.6	2.4





#57

Fluorene

Concen: 39.246 ng

RT: 10.40 min Scan# 1413

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

ClientSampleId :

PB108328BSD

Tot Ion:166 Resp: 629506

Ion Ratio Lower Upper

166 100

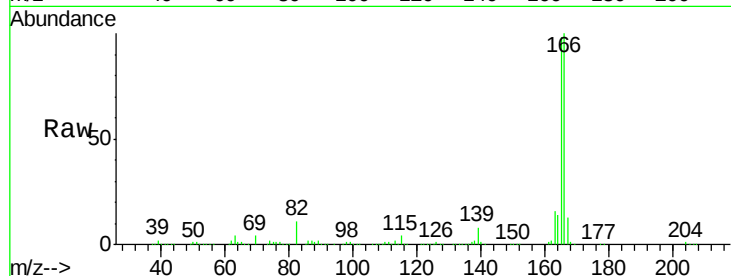
165 98.4 79.8 119.8

167 12.9 10.6 16.0

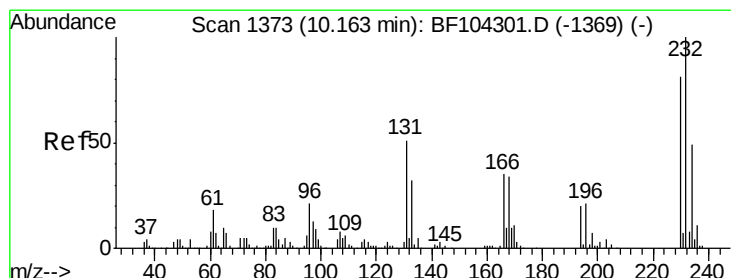
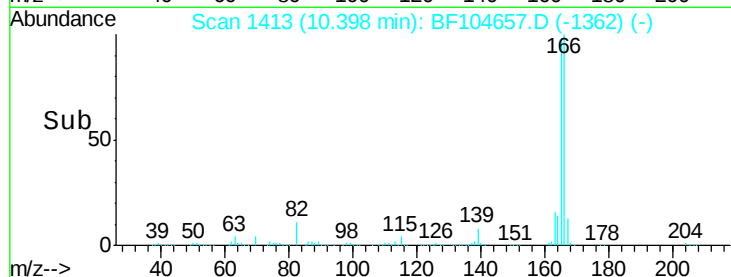
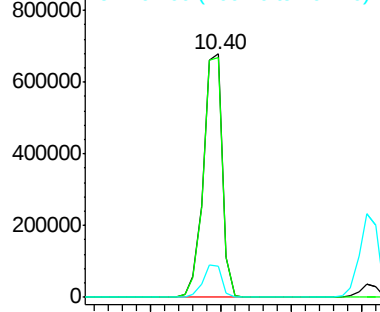
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 39.288 ng

RT: 10.17 min Scan# 1374

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:232 Resp: 162255

Ion Ratio Lower Upper

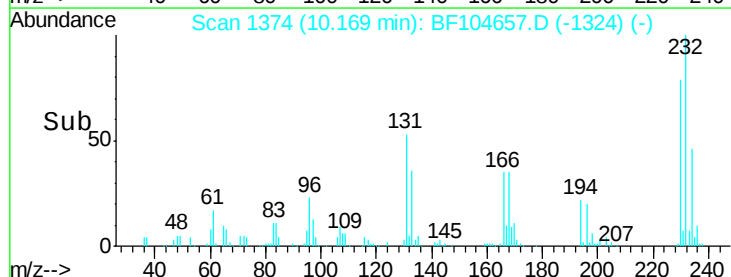
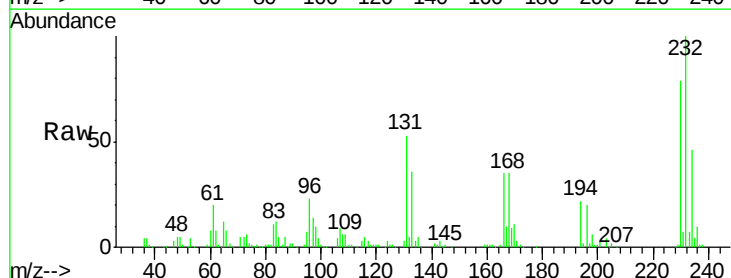
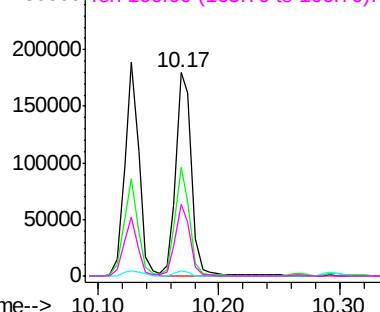
232 100

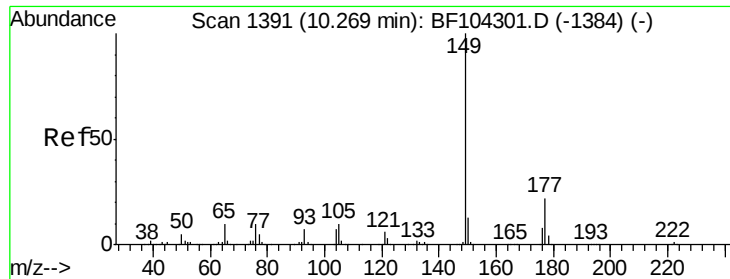
131 48.4 43.8 65.8

130 2.4 2.1 3.1

166 33.5 27.8 41.6

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





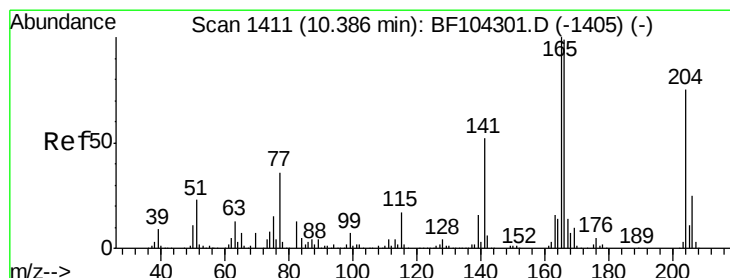
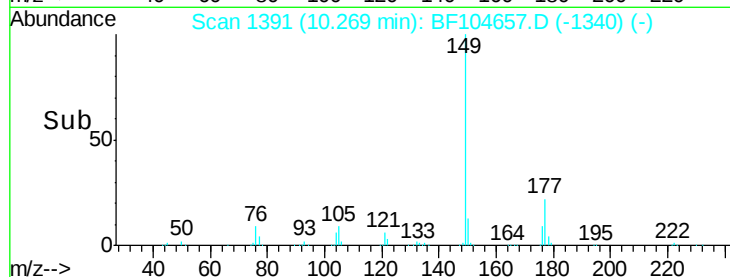
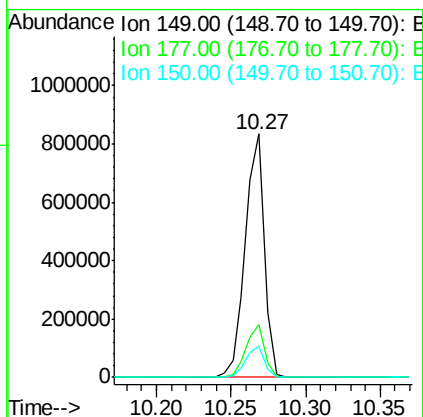
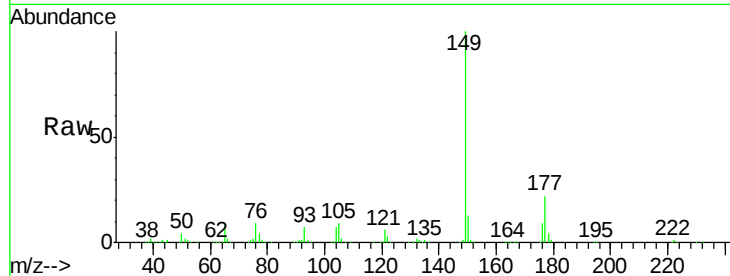
#59
Diethylphthalate
Concen: 37.825 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampled :
PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	739519		
177	21.6	16.1	24.1	
150	12.8	10.1	15.1	

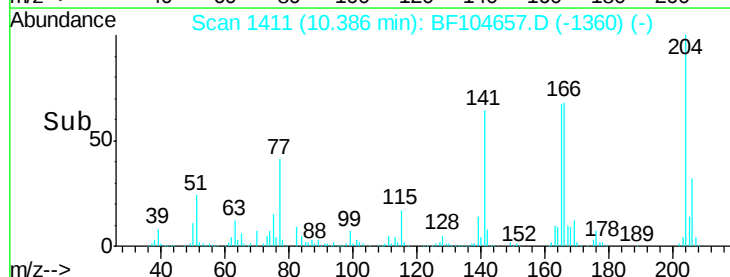
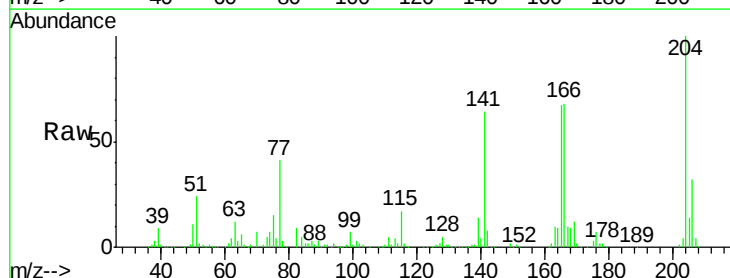
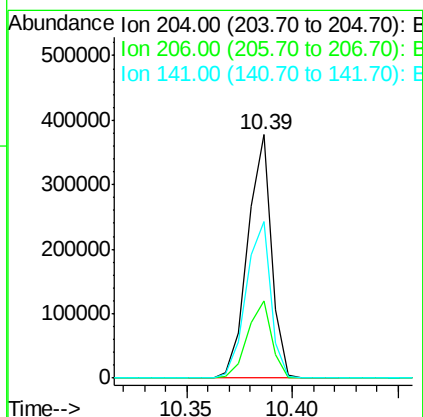
Manual Integrations
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#60
4-Chlorophenyl-phenylether
Concen: 41.362 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	295465		
206	31.9	26.5	39.7	
141	64.2	54.6	81.8	





#61

4-Nitroaniline

Concen: 35.452 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

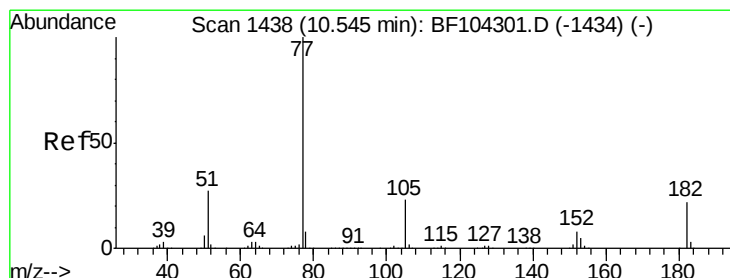
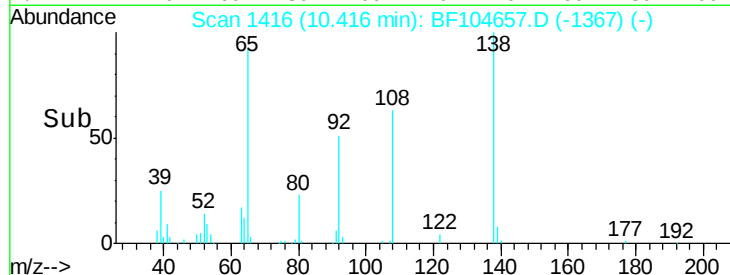
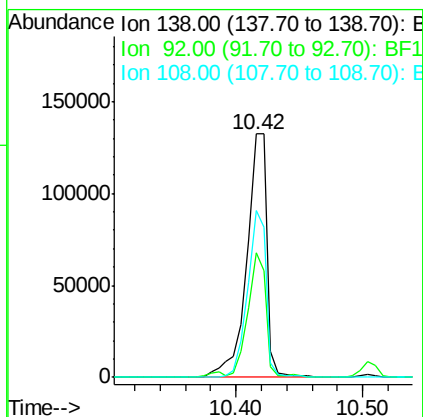
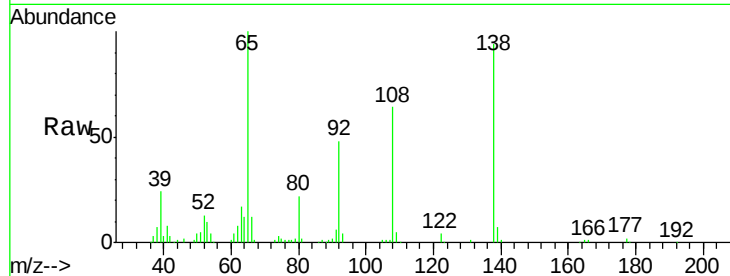
ClientSampleId :

PB108328BSD

Tot Ion:	138	Resp:	147412
Ion Ratio	Lower	Upper	
138	100		
92	51.2	30.2	70.2
108	68.4	52.5	92.5

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#62

Azobenzene

Concen: 35.868 ng

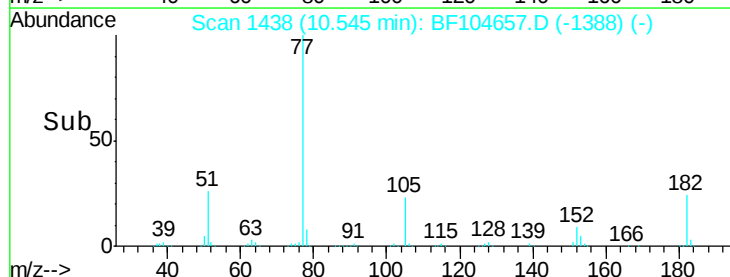
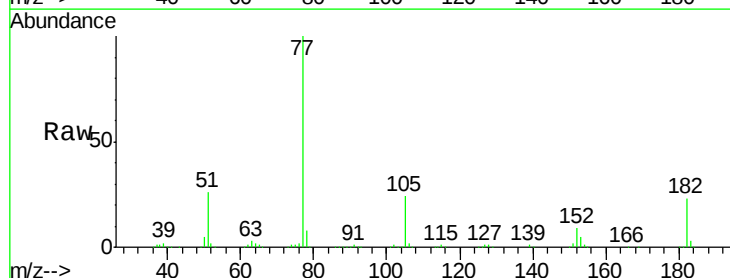
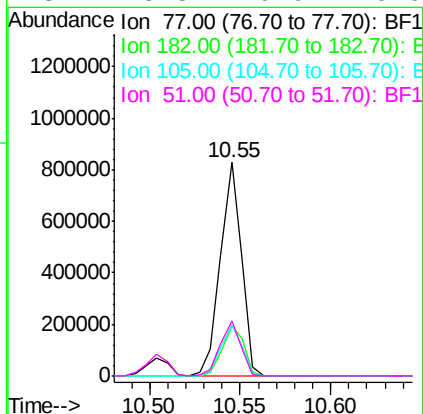
RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	77	Resp:	669964
Ion Ratio	Lower	Upper	
77	100		
182	23.4	1.7	41.7
105	23.7	3.0	43.0
51	25.8	9.9	49.9





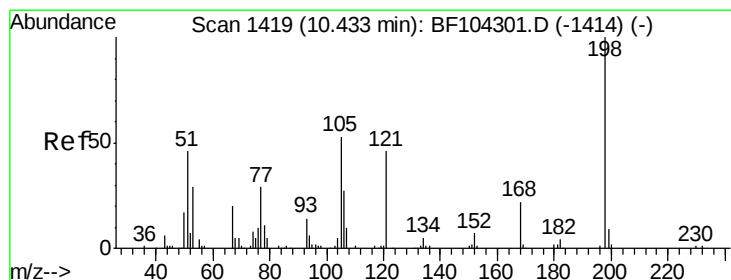
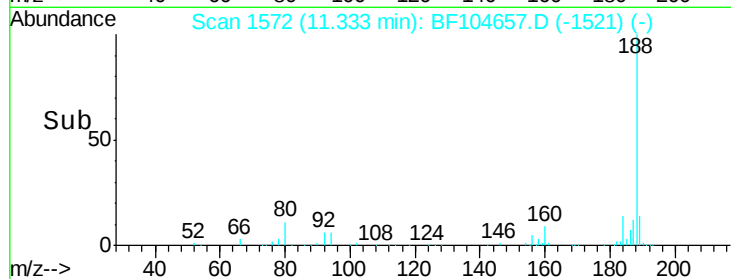
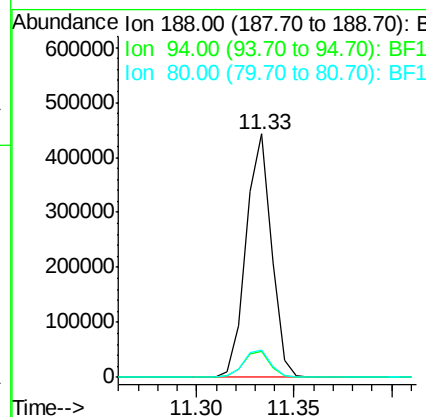
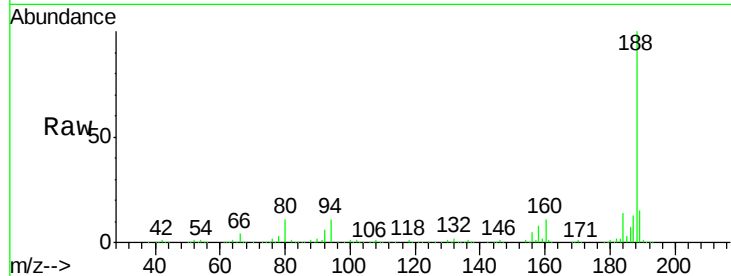
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.3	9.2	13.8

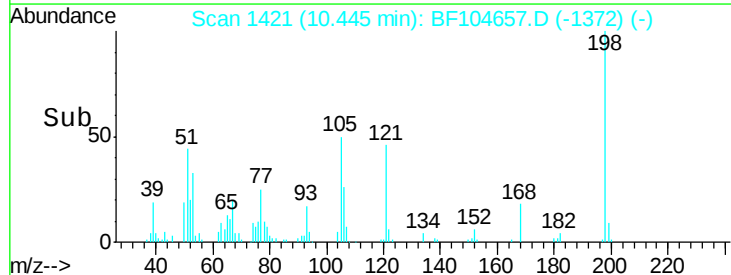
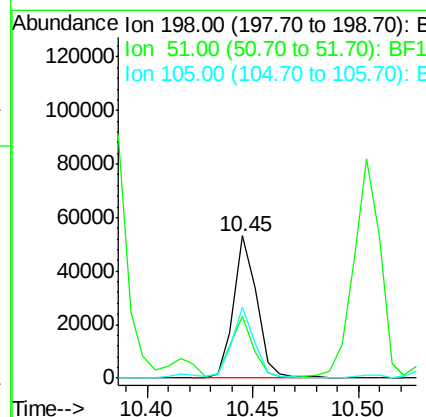
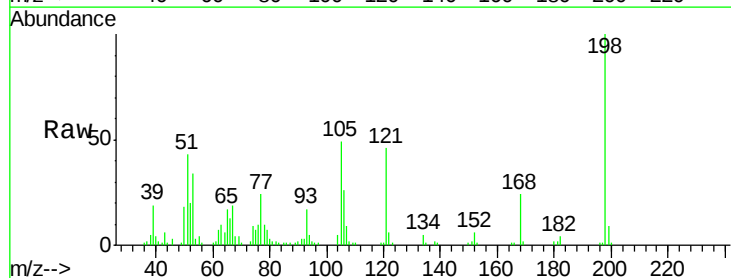
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.947 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.3	37.7	77.7
105	49.4	36.3	76.3





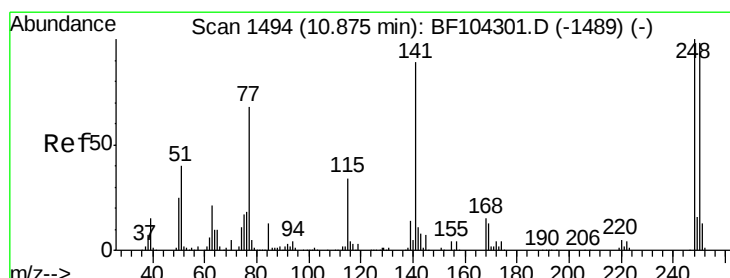
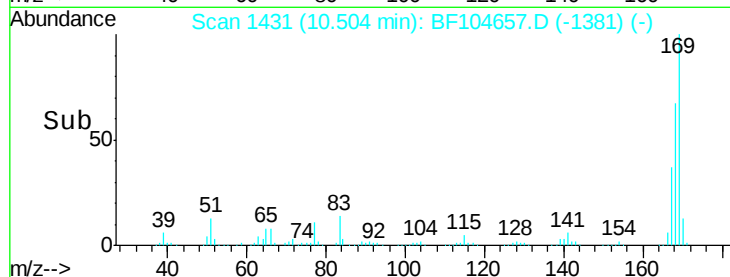
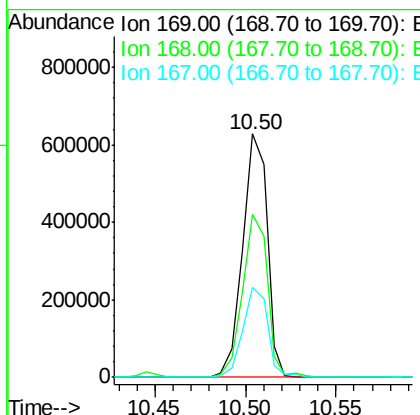
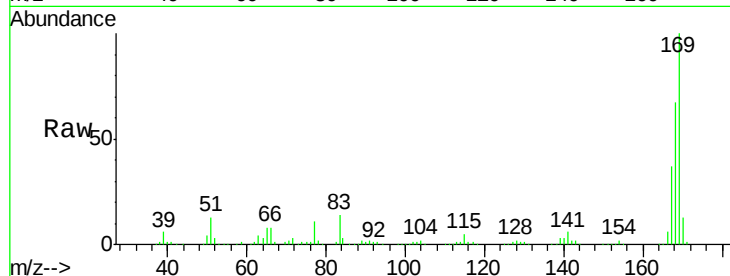
#65
 n-Nitrosodiphenylamine
 Concen: 42.701 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	591303		
168	66.9	54.4	81.6	
167	37.1	29.8	44.6	

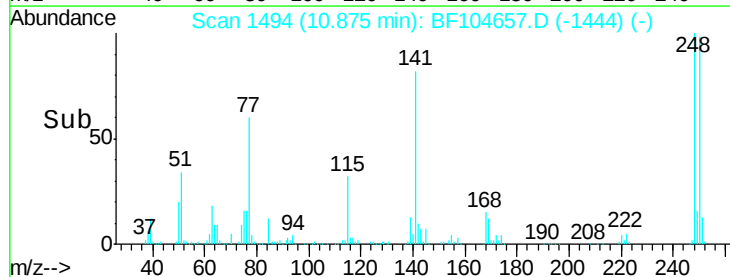
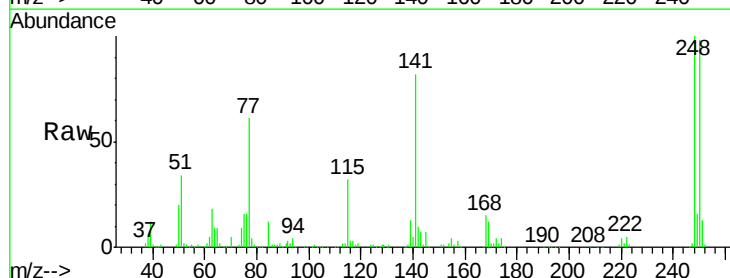
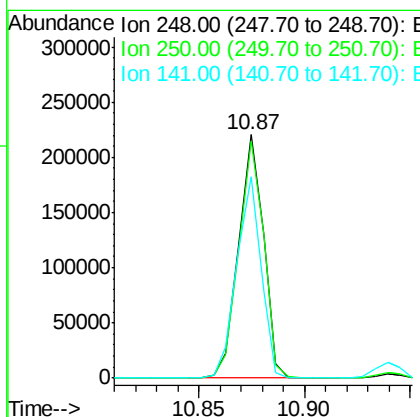
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#66
 4-Bromophenyl-phenylether
 Concen: 42.256 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	179508		
250	97.6	76.9	115.3	
141	82.5	74.4	111.6	





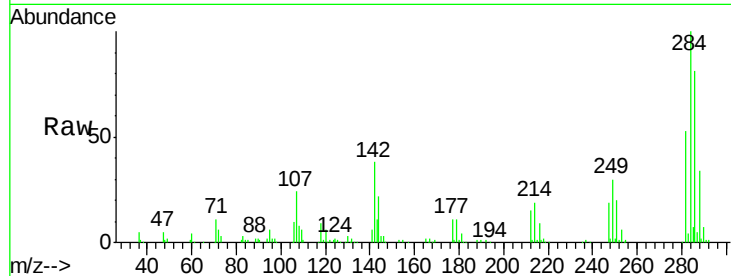
#67
Hexachlorobenzene
Concen: 40.249 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

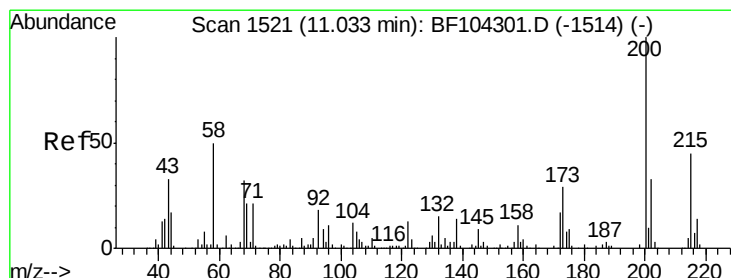
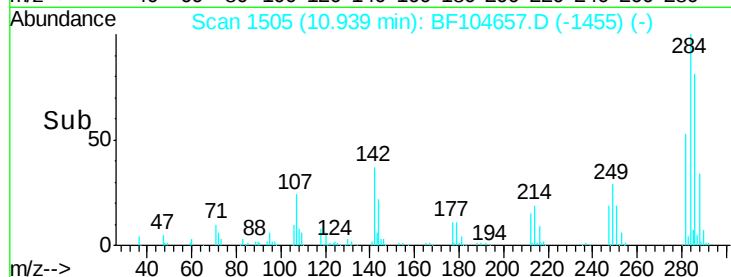
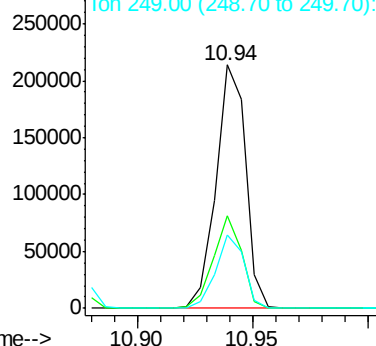
Tot Ion	Ratio	Resp	Lower	Upper
284	100	192393		
142	37.8	34.6	52.0	
249	29.9	24.8	37.2	

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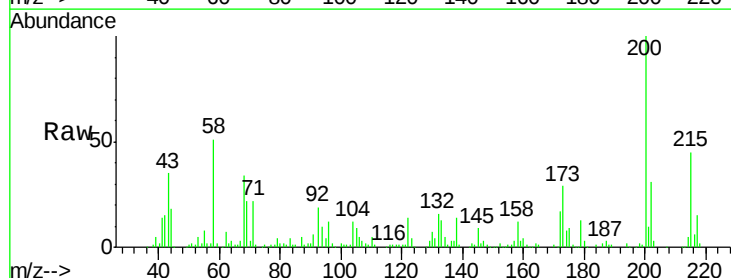


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

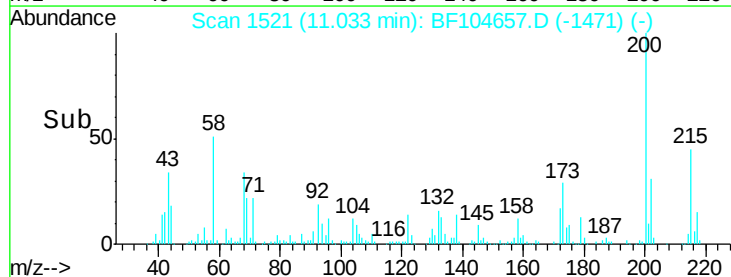
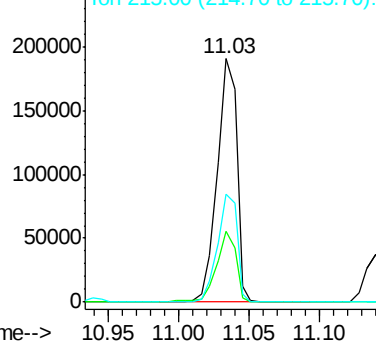


#68
Atrazine
Concen: 44.519 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	186082		
173	29.0	8.6	48.6	
215	44.6	25.1	65.1	



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





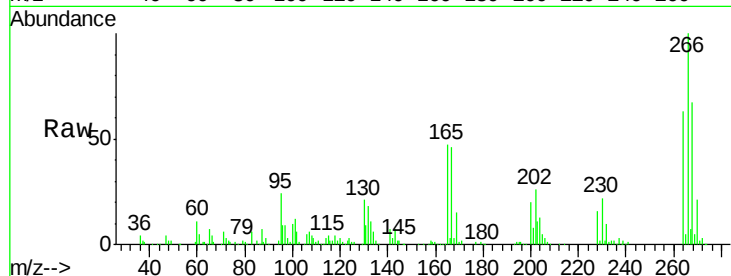
#69
 Pentachlorophenol
 Concen: 58.838 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

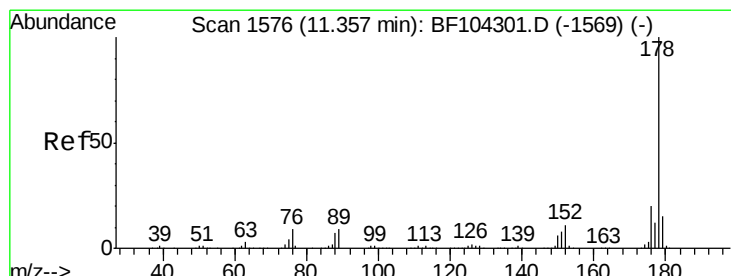
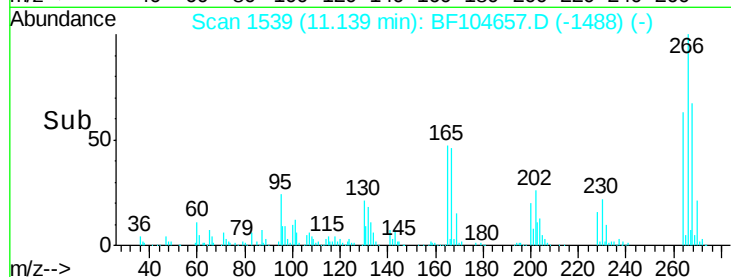
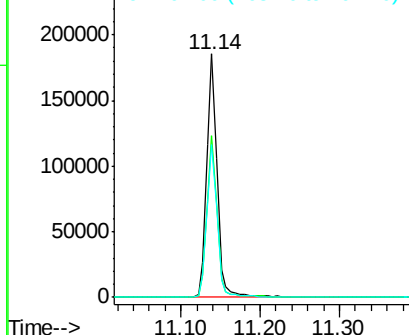
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.6	51.1	76.7
264	62.9	49.5	74.3

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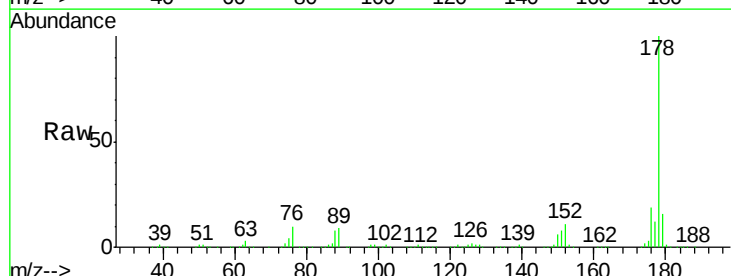


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

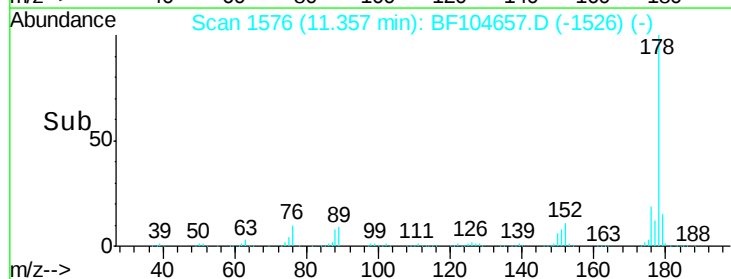
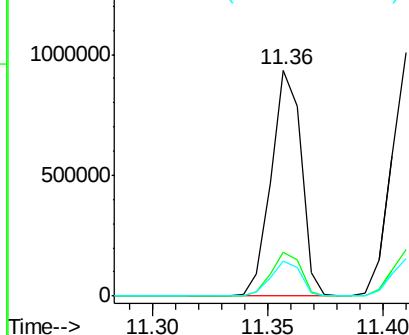


#70
 Phenanthrene
 Concen: 38.098 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.5	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





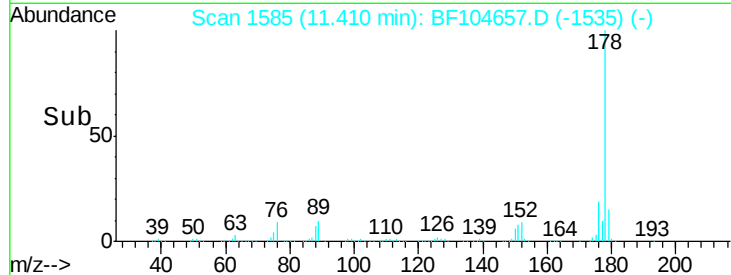
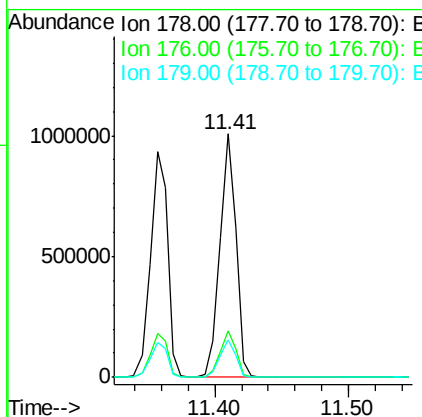
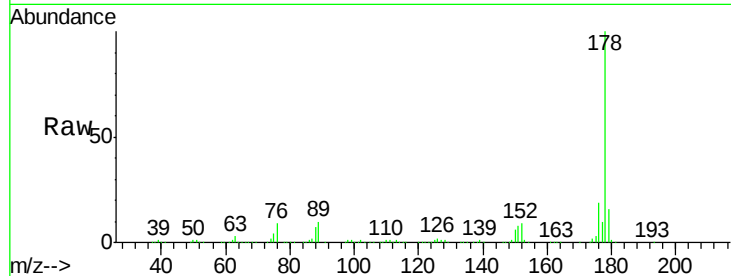
#71
 Anthracene
 Concen: 38.290 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.5	12.6	19.0

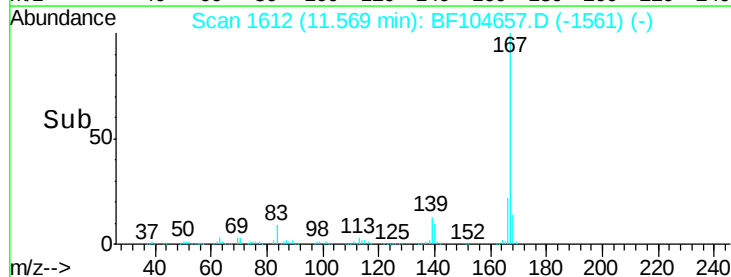
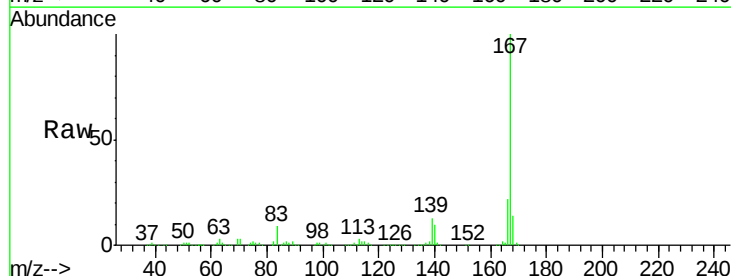
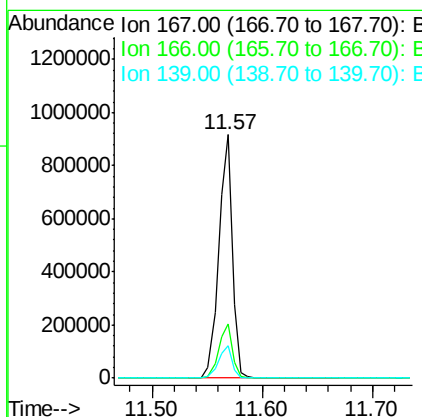
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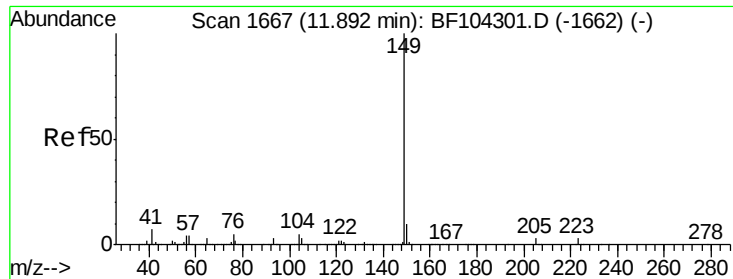
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#72
 Carbazole
 Concen: 35.345 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.3	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.728 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

ClientSampleId :

PB108328BSD

Tot Ion:149 Resp: 1072142

Ion Ratio Lower Upper

149 100

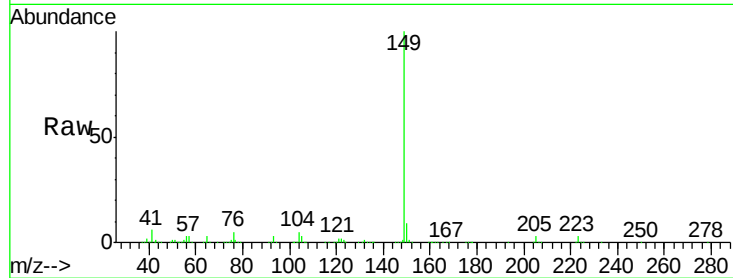
150 9.3 7.8 11.6

104 4.8 3.8 5.8

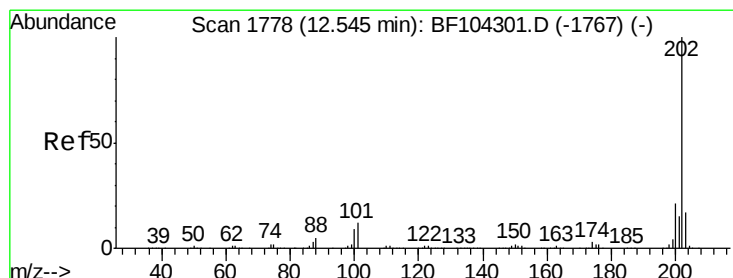
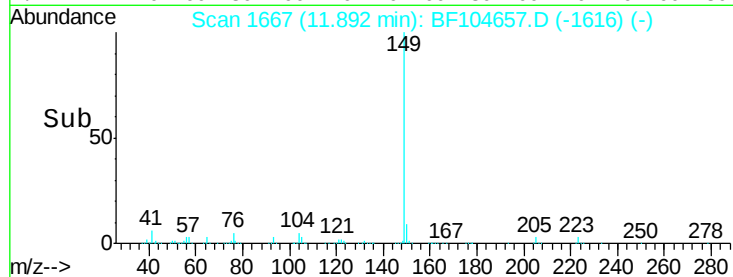
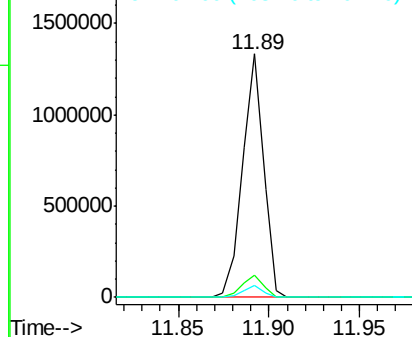
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.713 ng

RT: 12.55 min Scan# 1778

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

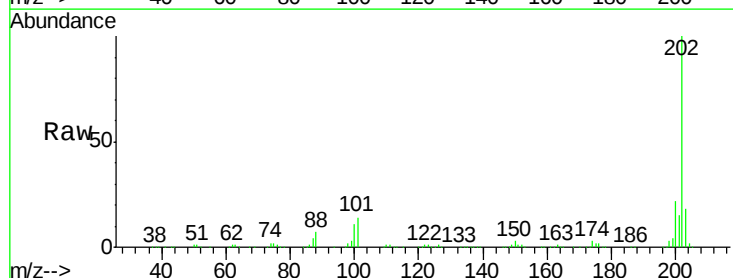
Tgt Ion:202 Resp: 783421

Ion Ratio Lower Upper

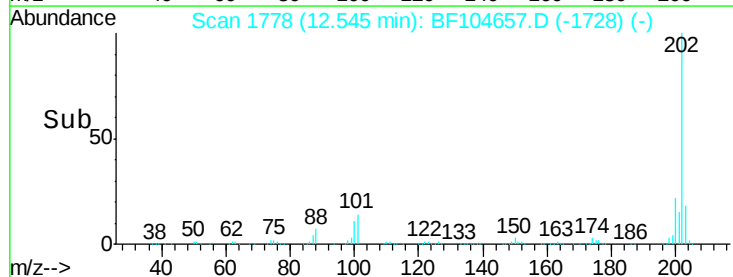
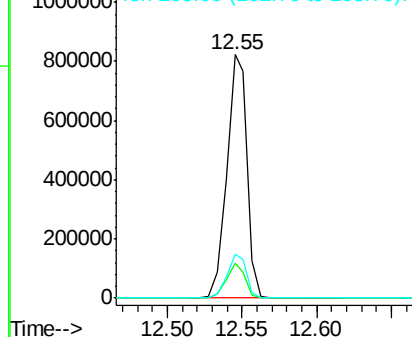
202 100

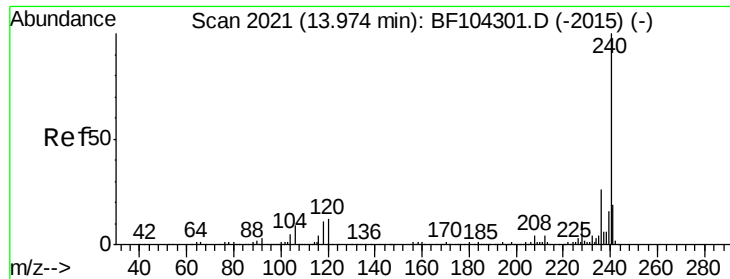
101 14.3 0.0 34.1

203 18.1 0.0 38.1



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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

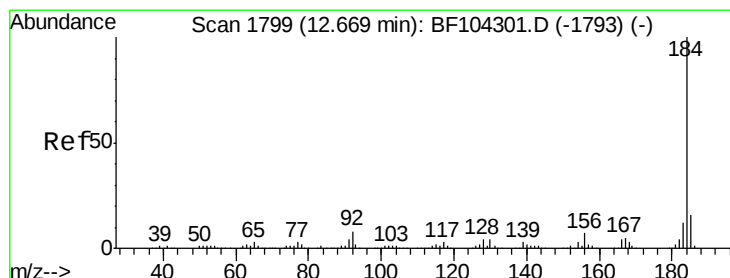
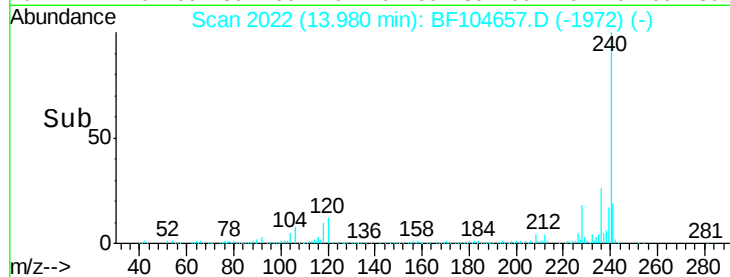
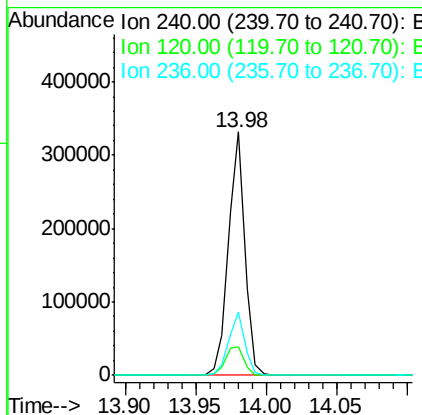
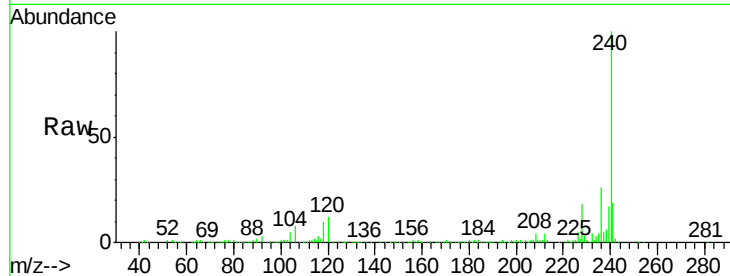
ClientSampleId :

PB108328BSD

Tot Ion:	240	Resp:	268156
Ion Ratio	Lower	Upper	
240	100		
120	11.8	9.5	14.3
236	25.8	20.7	31.1

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#76

Benzidine

Concen: 53.429 ng

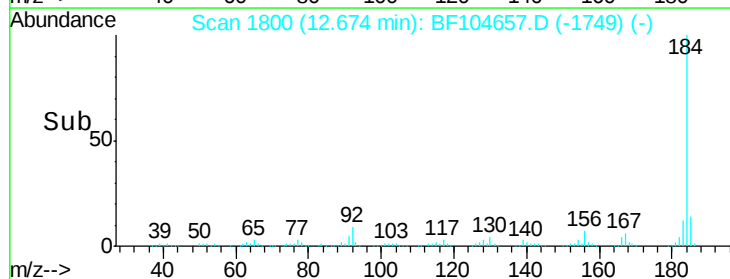
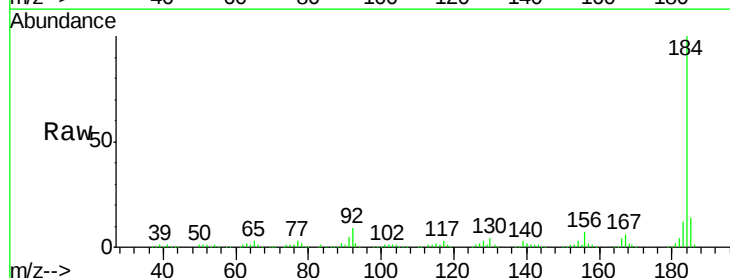
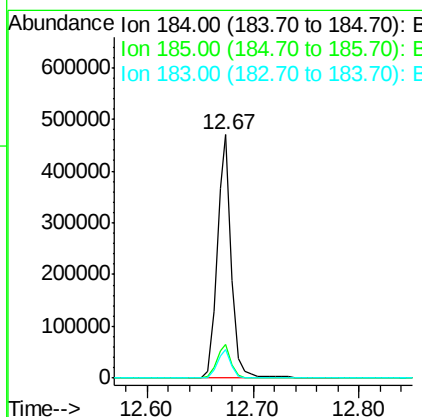
RT: 12.67 min Scan# 1800

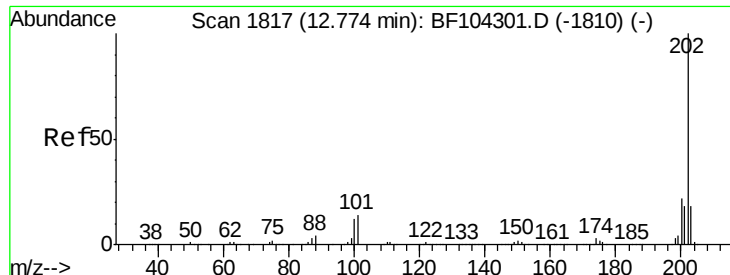
Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	184	Resp:	443661
Ion Ratio	Lower	Upper	
184	100		
185	14.0	12.6	18.8
183	12.0	9.3	13.9





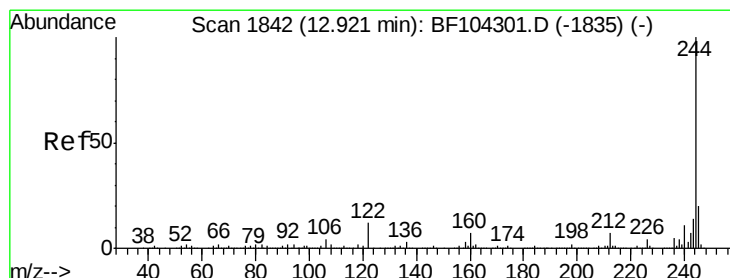
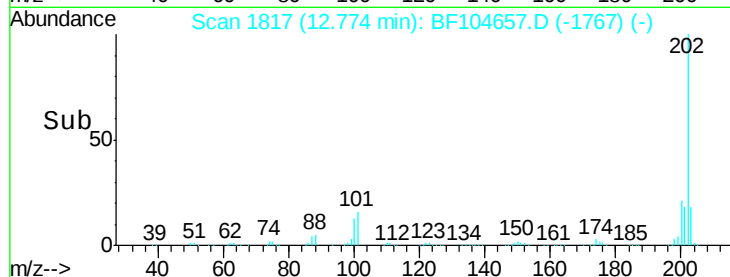
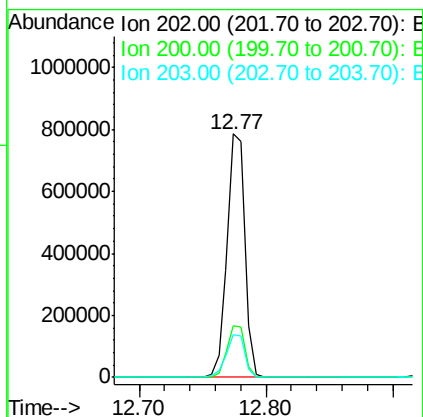
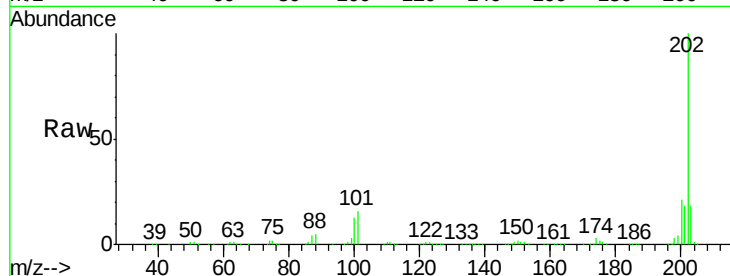
#77
Pvrene
Concen: 38.402 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.6	14.3	21.5

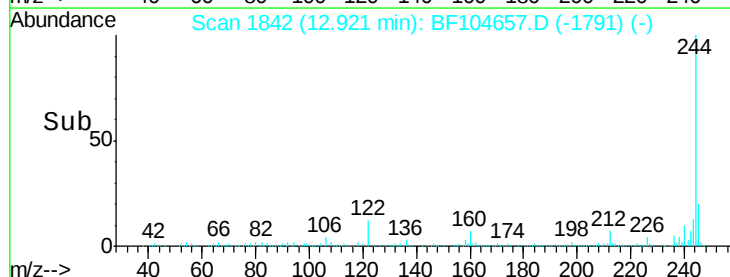
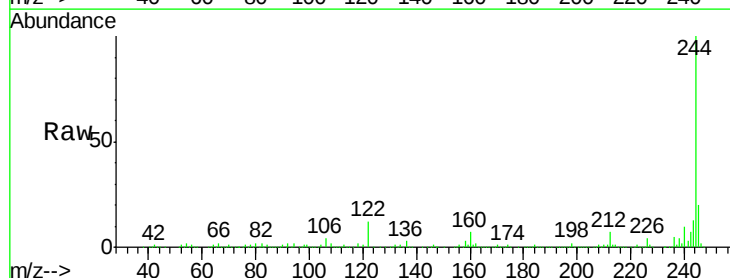
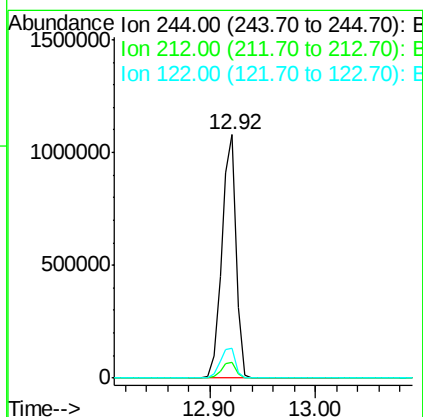
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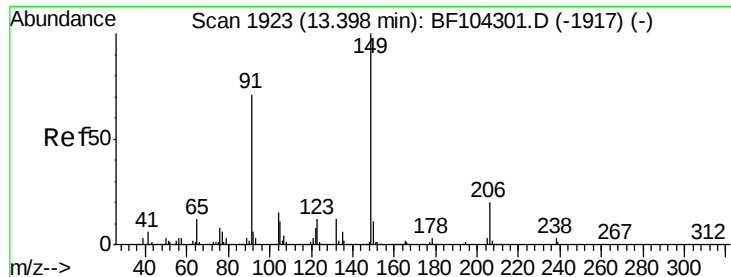
Sohil
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#78
Terphenyl-d14
Concen: 86.812 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	12.0	11.0	16.4





#79

Butylbenzylphthalate

Concen: 41.599 ng

RT: 13.39 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

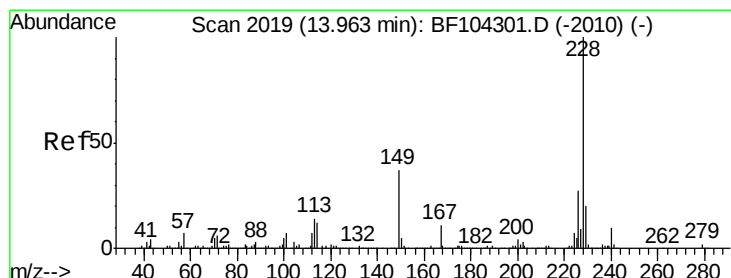
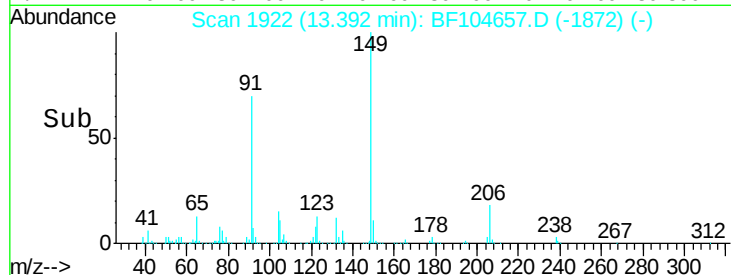
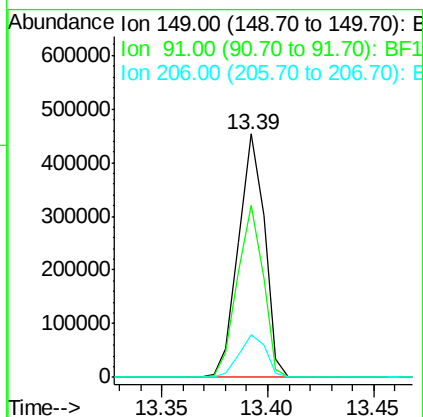
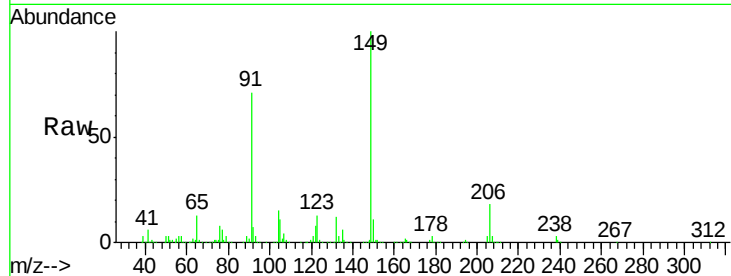
ClientSampleId :

PB108328BSD

Tot Ion:	149	Resp:	389540
Ion Ratio	Lower	Upper	
149	100		
91	70.6	56.8	85.2
206	17.7	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 41.209 ng

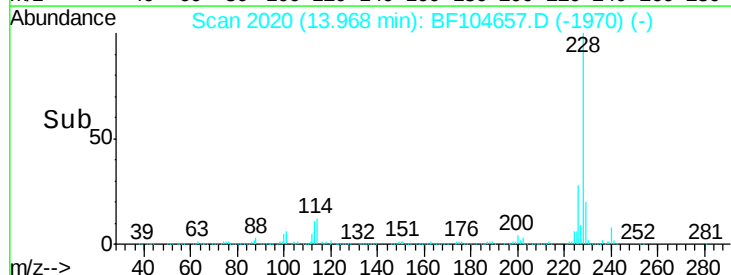
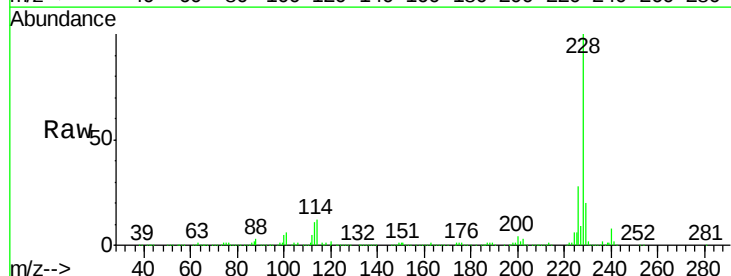
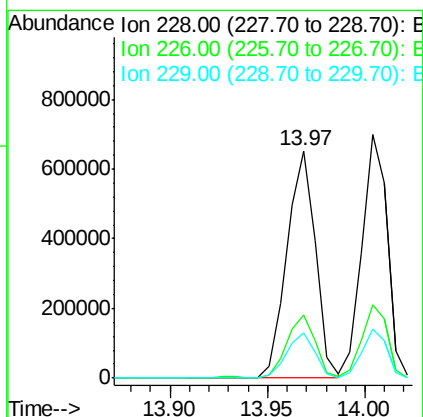
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	228	Resp:	660168
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.6	33.8
229	19.8	15.8	23.6





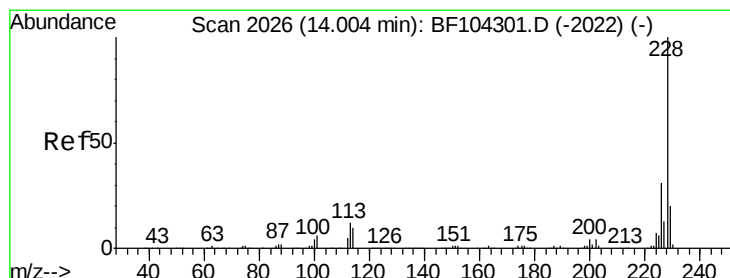
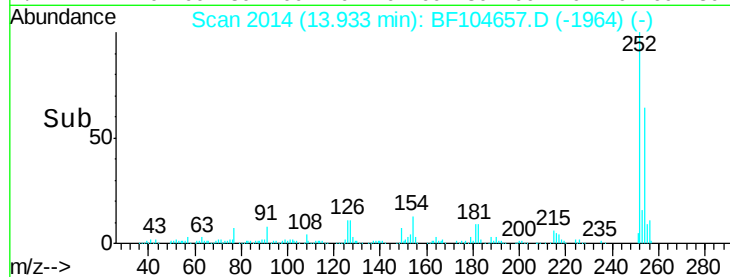
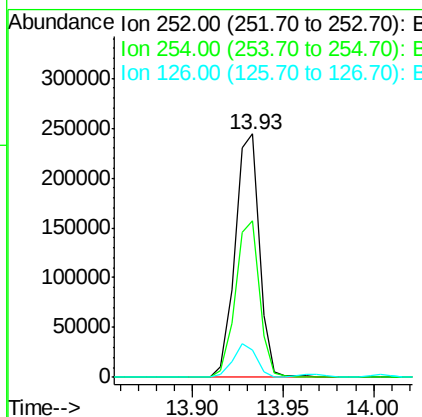
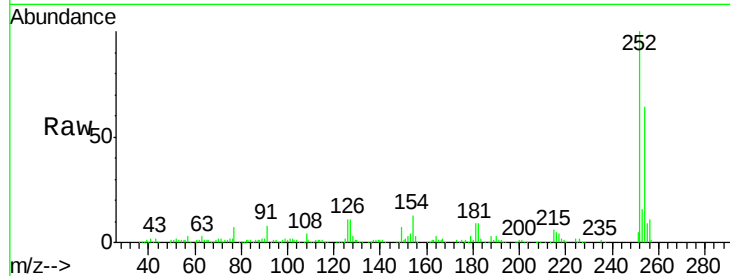
#81
 3,3'-Dichlorobenzidine
 Concen: 38.243 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.2	50.4	75.6
126	11.1	11.3	16.9

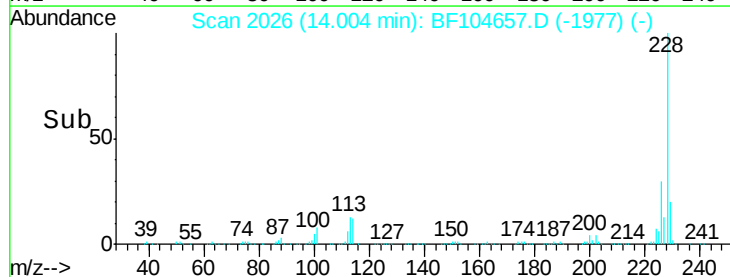
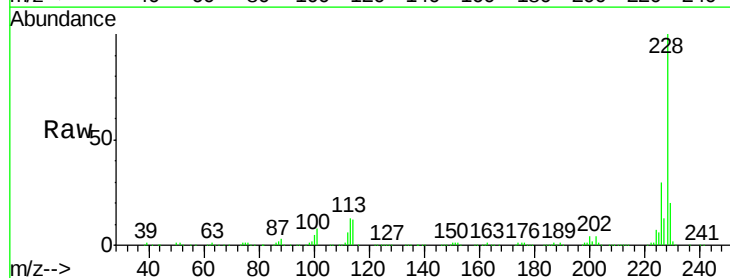
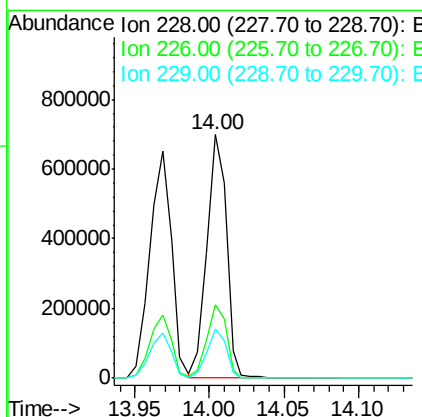
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#82
 Chrysene
 Concen: 38.451 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.172 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.00 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Instrument :

BNA_F

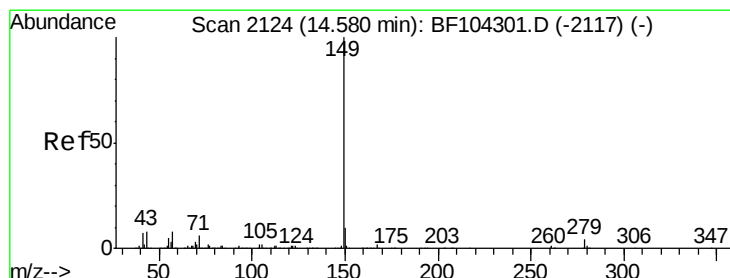
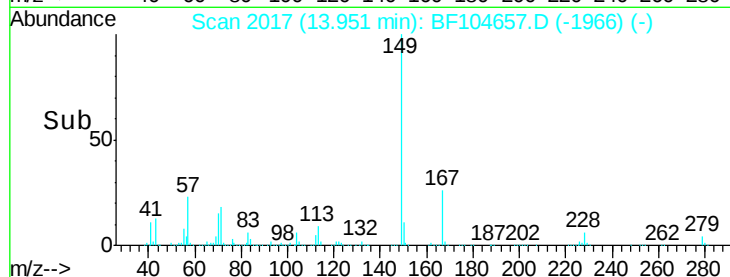
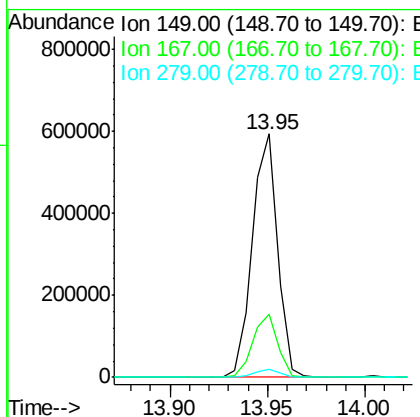
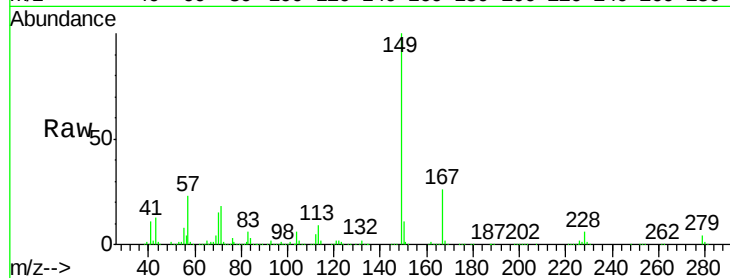
ClientSampleId :

PB108328BSD

Tot Ion:	149	Resp:	532039
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.3	31.9
279	3.6	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 42.018 ng

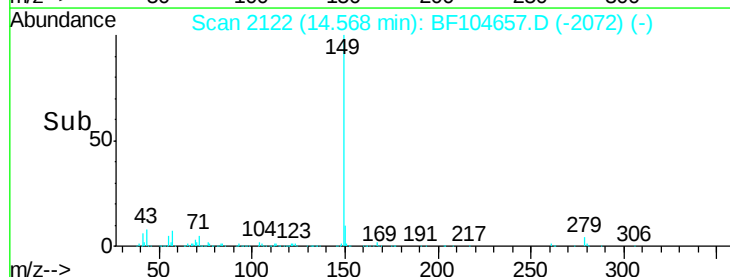
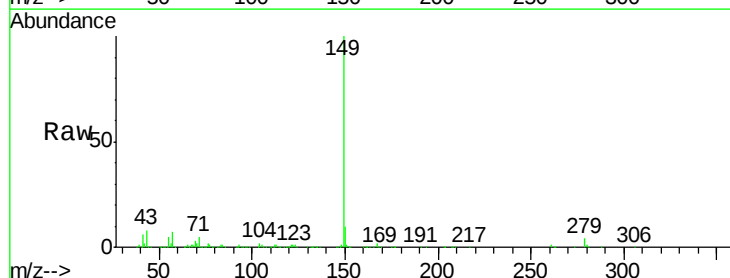
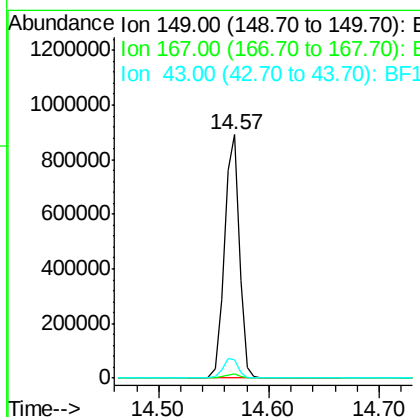
RT: 14.57 min Scan# 2122

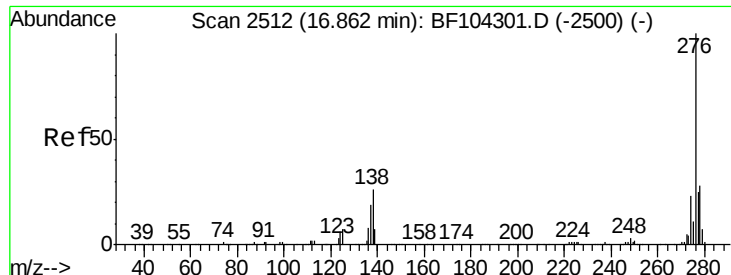
Delta R.T. -0.01 min

Lab File: BF104657.D

Acq: 20 Apr 2018 4:13

Tgt Ion:	149	Resp:	845644
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.2	8.4	12.6#





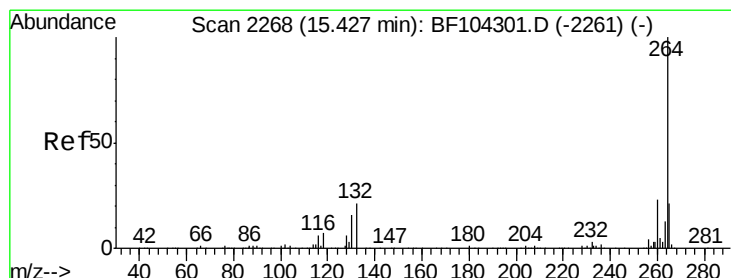
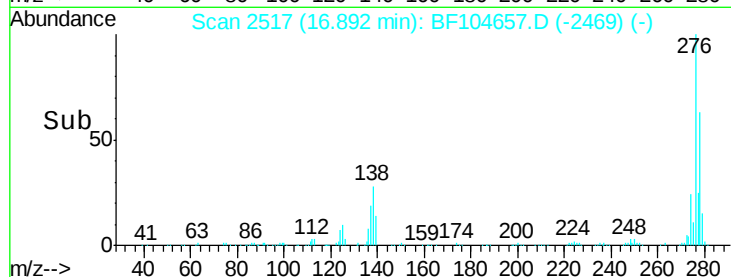
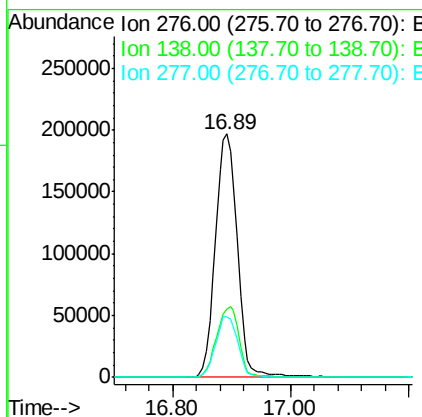
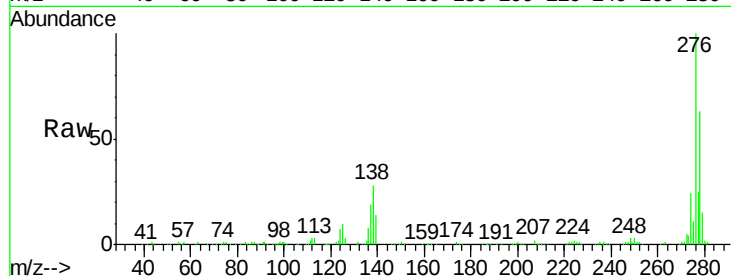
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.801 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. -0.02 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleID :
 PB108328BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.0	37.6
277	25.4	20.1	30.1

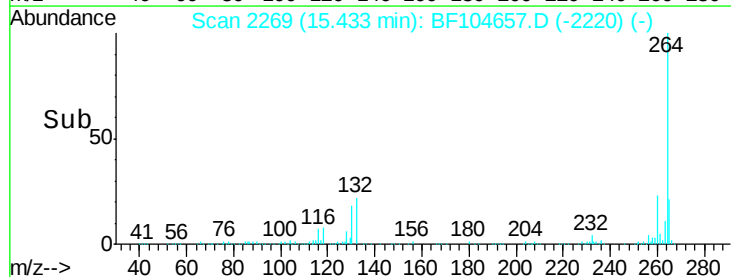
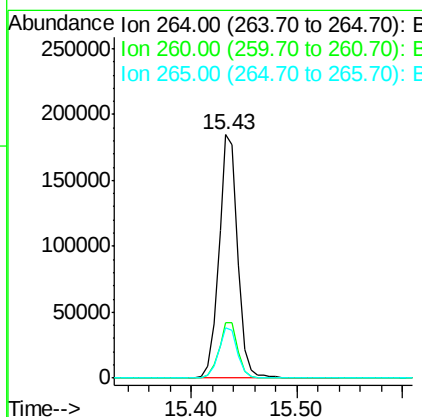
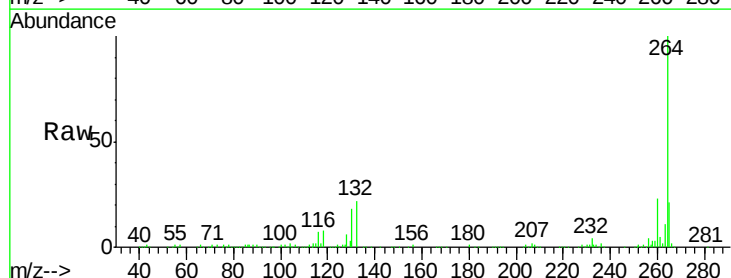
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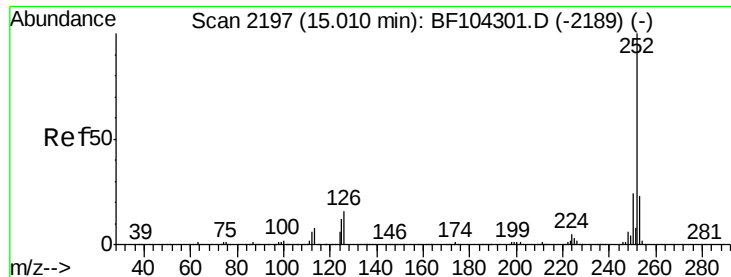
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.01 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	17.5	26.3





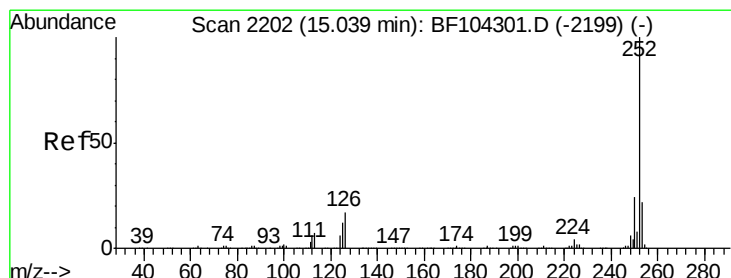
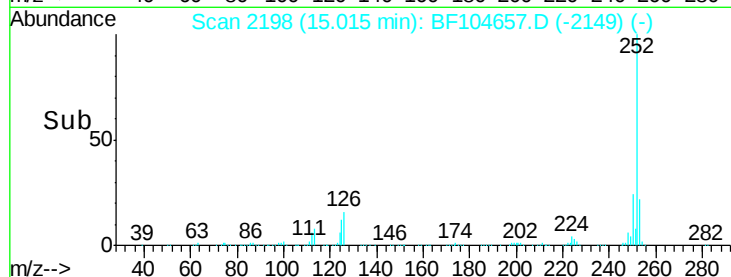
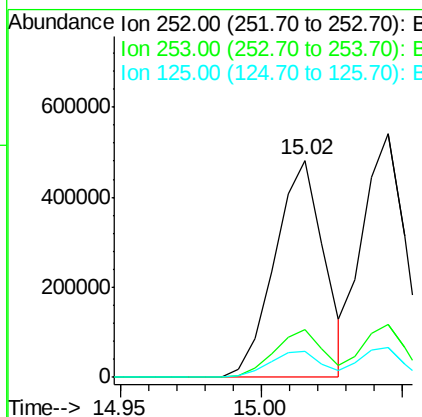
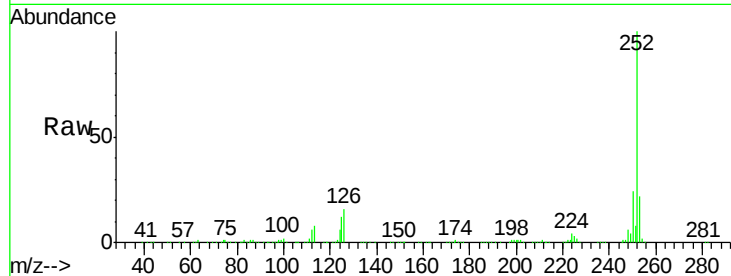
#87
Benzo(b)fluoranthene
Concen: 40.318 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.1	9.0	13.6

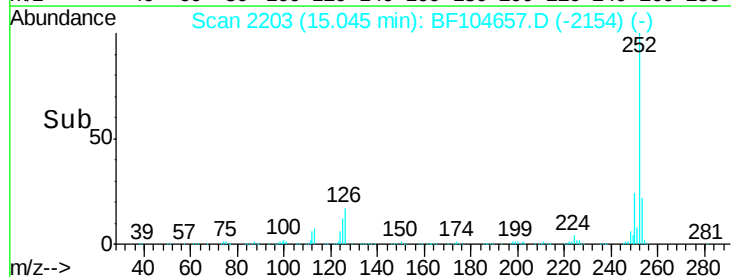
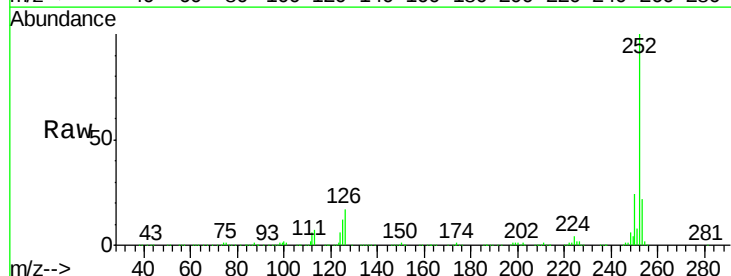
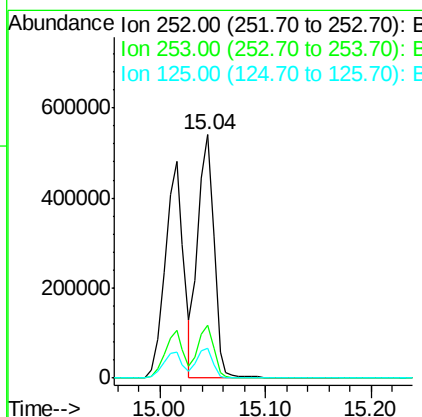
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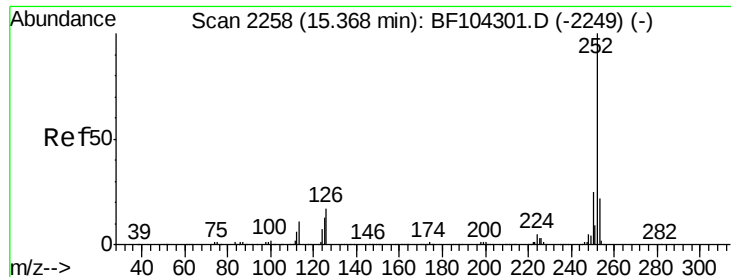
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#88
Benzo(k)fluoranthene
Concen: 41.604 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	12.2	10.2	15.2





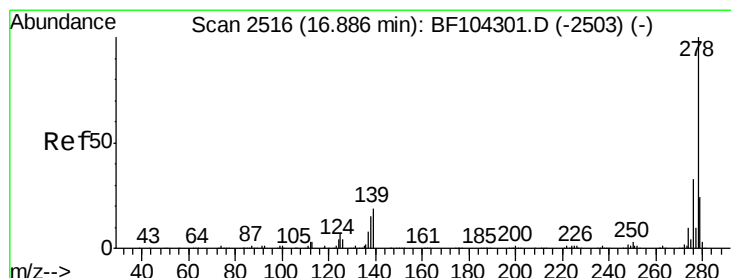
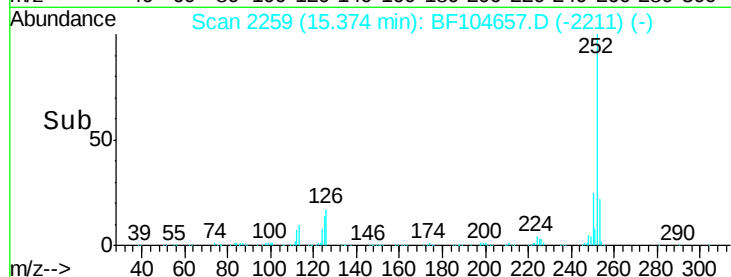
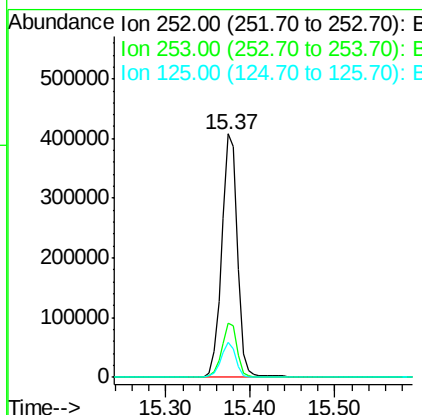
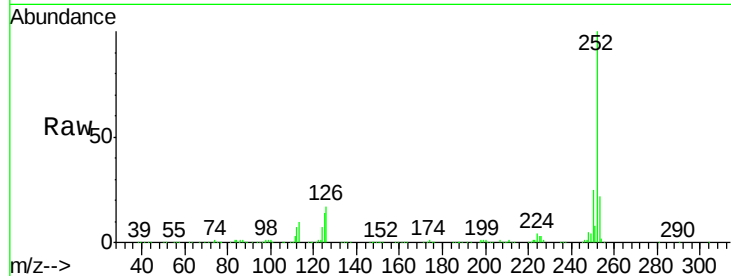
#89
Benzo(a)pyrene
Concen: 40.987 ng
RT: 15.37 min Scan# 2259
Delta R.T. -0.02 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Instrument :
BNA_F
ClientSampleId :
PB108328BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	14.1	9.8	14.6

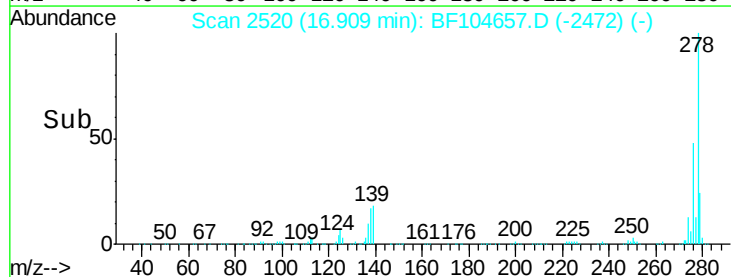
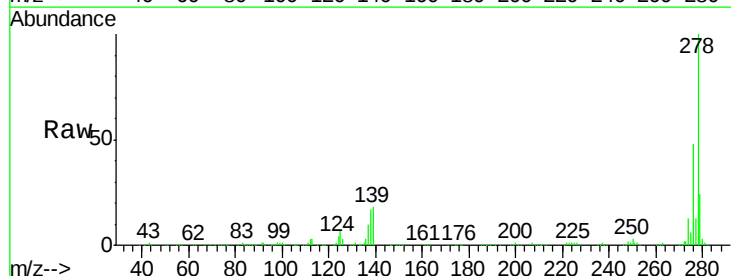
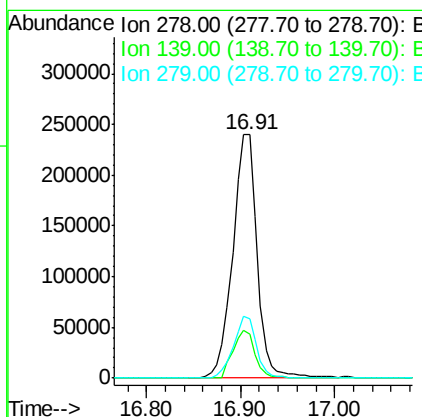
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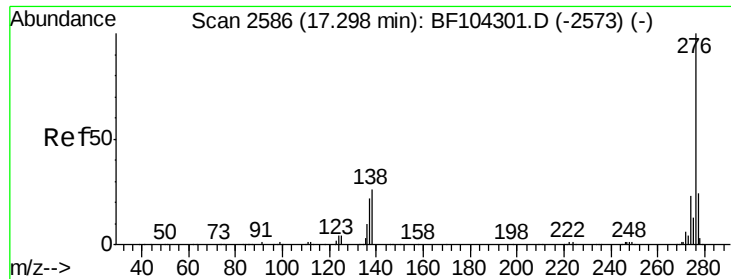
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#90
Dibenzo(a,h)anthracene
Concen: 40.748 ng
RT: 16.91 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BF104657.D
Acq: 20 Apr 2018 4:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 40.097 ng
 RT: 17.33 min Scan# 2591
 Delta R.T. -0.02 min
 Lab File: BF104657.D
 Acq: 20 Apr 2018 4:13

Instrument :
 BNA_F
 ClientSampleId :
 PB108328BSD

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.5	17.9	26.9	
138	26.2	21.8	32.8	

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