

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099229.D
 Acq On : 8 Oct 2017 13:45
 Operator : SJ/JU
 Sample : PB102980BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Manual Integrations
 APPROVED

Sohil
 10/9/2017 6:35:56 PM

Quant Time: Oct 09 01:41:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	107861	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	459466	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	213948	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	387462	20.00	ng	0.00
75) Chrysene-d12	14.03	240	288667	20.00	ng	0.00
86) Perylene-d12	15.51	264	221975	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	593436	87.58	ng	0.01
7) Phenol-d6	6.50	99	720377	86.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	624521	87.17	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	157091	89.73	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1149178	89.67	ng	0.00
78) Terphenyl-d14	12.97	244	1114835	87.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	108736	33.595	ng	96
3) Pyridine	3.45	79	321666	36.738	ng	94
4) n-Nitrosodimethylamine	3.39	42	127304	34.287	ng	# 79
6) Aniline	6.53	93	383543	33.999	ng	99
8) 2-Chlorophenol	6.65	128	318543	41.514	ng	97
9) Benzaldehyde	6.42	77	123115	25.392	ng	96
10) Phenol	6.52	94	399930	42.783	ng	97
11) bis(2-Chloroethyl)ether	6.60	93	290299	39.946	ng	95
12) 1,3-Dichlorobenzene	6.80	146	331899	41.302	ng	98
13) 1,4-Dichlorobenzene	6.88	146	332482	40.666	ng	99
14) 1,2-Dichlorobenzene	7.04	146	311958	41.294	ng	96
15) Benzyl Alcohol	7.01	79	249811	40.740	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	423608	37.414	ng	95
17) 2-Methylphenol	7.12	107	262271	41.774	ng	97
18) Hexachloroethane	7.37	117	116427	39.618	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	194889	36.520	ng	94
20) 3+4-Methylphenols	7.27	107	310819	39.133	ng	# 70
22) Acetophenone	7.27	105	408940	36.735	ng	# 96
24) Nitrobenzene	7.45	77	311105	38.279	ng	95
25) Isophorone	7.69	82	582977	39.356	ng	99
26) 2-Nitrophenol	7.76	139	174972	44.770	ng	94
27) 2,4-Dimethylphenol	7.80	122	284994	38.613	ng	97
28) bis(2-Chloroethoxy)methane	7.89	93	371715	40.268	ng	99
29) 2,4-Dichlorophenol	8.00	162	262945	41.494	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	262783	41.462	ng	100
31) Naphthalene	8.17	128	883612	40.947	ng	99
32) Benzoic acid	7.93	122	153314	25.288	ng	99
33) 4-Chloroaniline	8.22	127	267097	29.639	ng	# 94
34) Hexachlorobutadiene	8.28	225	129928	39.800	ng	99
35) Caprolactam	8.59	113	90643m	44.592	ng	
36) 4-Chloro-3-methylphenol	8.70	107	282155	39.614	ng	95
37) 2-Methylnaphthalene	8.86	142	617389	44.010	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	244609	38.337	ng	99
40) Hexachlorocyclopentadiene	9.01	237	167517	57.450	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	172117	38.078	nq	99
43) 2,4,5-Trichlorophenol	9.19	196	184263	40.836	nq	93
45) 1,1'-Biphenyl	9.33	154	715485	38.911	nq	98
46) 2-Chloronaphthalene	9.35	162	561688	40.685	nq	99
47) 2-Nitroaniline	9.45	65	167979	39.737	nq	90
48) Acenaphthylene	9.77	152	864680	40.914	nq	100
49) Dimethylphthalate	9.63	163	663426	41.085	nq	100
50) 2,6-Dinitrotoluene	9.69	165	151421	43.073	nq #	85
51) Acenaphthene	9.94	154	501375	37.451	nq	99
52) 3-Nitroaniline	9.86	138	135140	32.969	nq	89
53) 2,4-Dinitrophenol	9.97	184	99908	56.438	nq #	87
54) Dibenzofuran	10.11	168	767486	43.057	nq	99
55) 4-Nitrophenol	10.03	139	235812	68.036	nq	89
56) 2,4-Dinitrotoluene	10.10	165	200345	43.912	nq	89
57) Fluorene	10.46	166	603105	42.096	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	138040	44.286	nq	96
59) Diethylphthalate	10.32	149	637570	40.407	nq	98
60) 4-Chlorophenyl-phenylether	10.45	204	267794	41.611	nq	92
61) 4-Nitroaniline	10.48	138	176094	44.529	nq	89
62) Azobenzene	10.60	77	599778	41.341	nq	94
64) 4,6-Dinitro-2-methylphenol	10.51	198	81938	34.757	nq #	75
65) n-Nitrosodiphenylamine	10.56	169	539549	40.196	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	157339	41.486	nq	94
67) Hexachlorobenzene	11.00	284	160198	39.548	nq	94
68) Atrazine	11.09	200	172662	42.754	nq	99
69) Pentachlorophenol	11.20	266	148707	58.988	nq	98
70) Phenanthrene	11.42	178	868920	41.896	nq	99
71) Anthracene	11.47	178	900507	42.435	nq	99
72) Carbazole	11.63	167	853910	41.091	nq	99
73) Di-n-butylphthalate	11.94	149	1009708	40.367	nq	98
74) Fluoranthene	12.61	202	898970	42.805	nq	97
76) Benzidine	12.73	184	472492	44.254	nq	98
77) Pyrene	12.84	202	918381	41.722	nq	100
79) Butylbenzylphthalate	13.44	149	429124	41.481	nq	93
80) Benzo(a)anthracene	14.02	228	747609	42.771	nq	99
81) 3,3'-Dichlorobenzidine	13.98	252	196886	30.726	nq	100
82) Chrysene	14.06	228	698186	41.955	nq	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	580410	40.746	nq	99
84) Di-n-octyl phthalate	14.61	149	895282	39.032	nq	95
85) Indeno(1,2,3-cd)pyrene	17.00	276	492632	37.007	nq	96
87) Benzo(b)fluoranthene	15.07	252	618591m	45.325	nq	
88) Benzo(k)fluoranthene	15.11	252	559009	41.469	nq	98
89) Benzo(a)pyrene	15.44	252	543748	43.403	nq #	96
90) Dibenzo(a,h)anthracene	17.01	278	405155	40.411	nq	96
91) Benzo(g,h,i)perylene	17.45	276	420199	42.400	nq	94

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

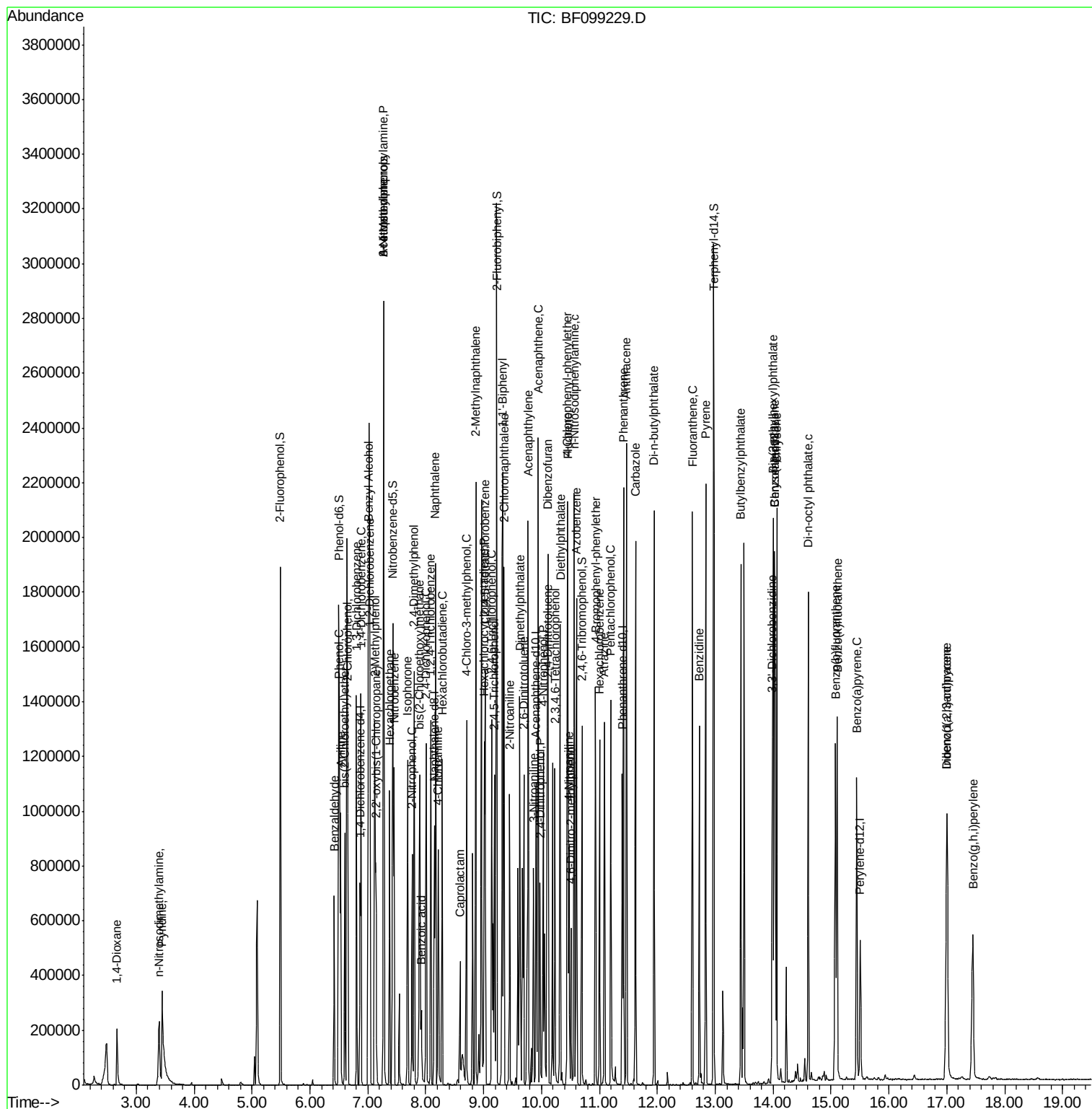
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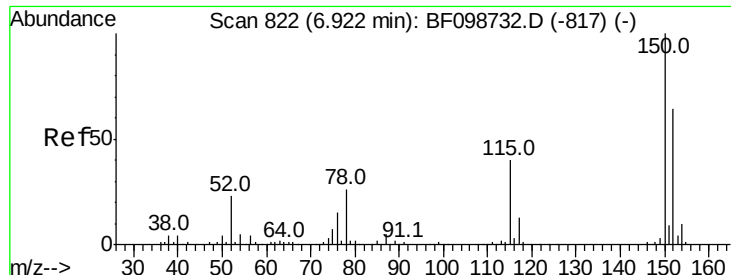
Instrument :
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#1

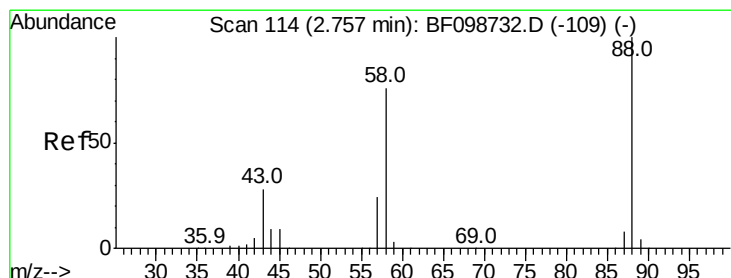
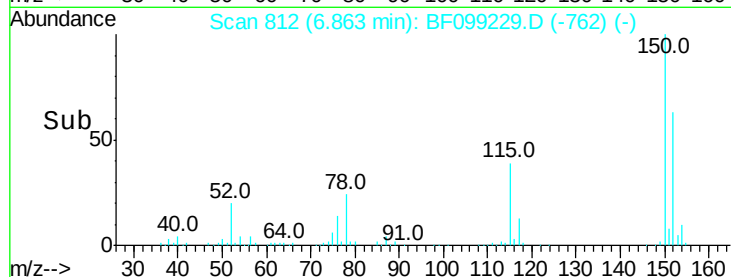
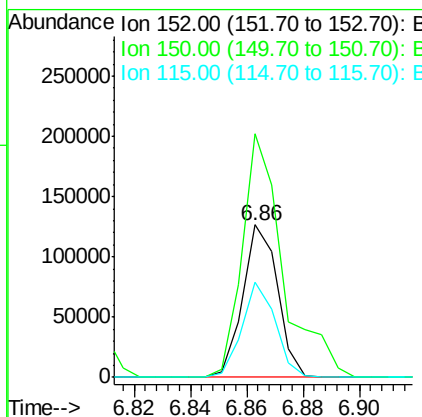
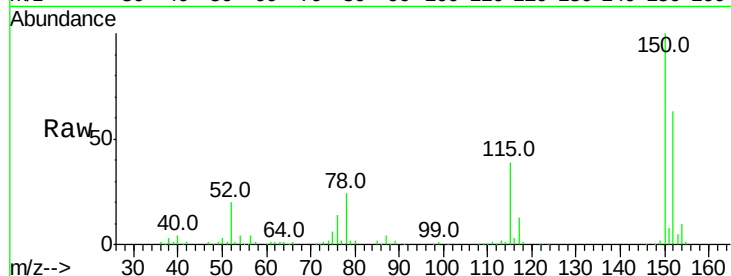
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleID :
PB102980BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.6	186.8
115	62.5	50.1	75.1

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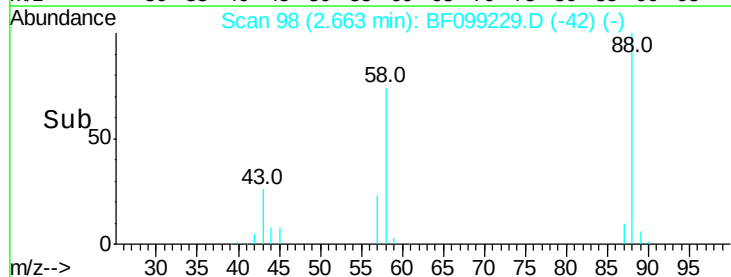
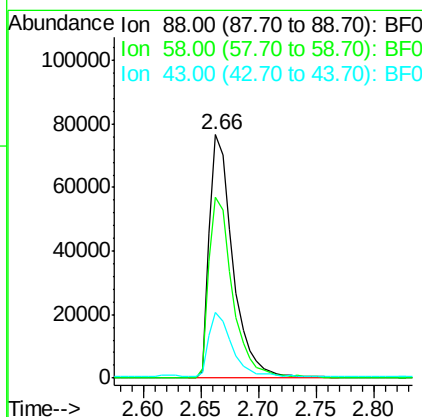
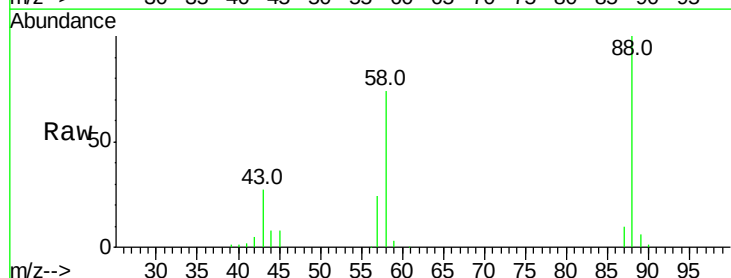
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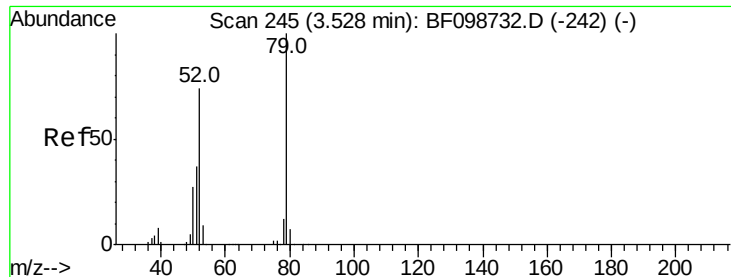


#2

1,4-Dioxane
Concen: 33.595 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.03 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	62.6	93.8
43	26.3	24.6	37.0





#3

Pvridine

Concen: 36.738 ng

RT: 3.45 min Scan# 231

Delta R.T. 0.04 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

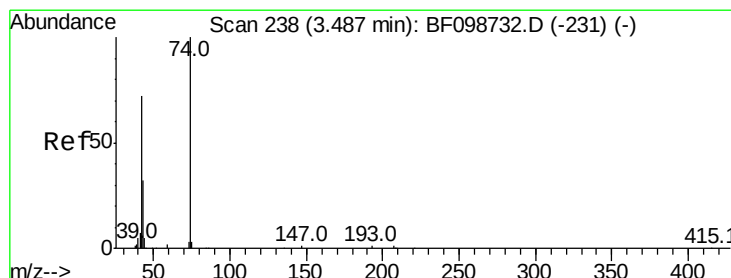
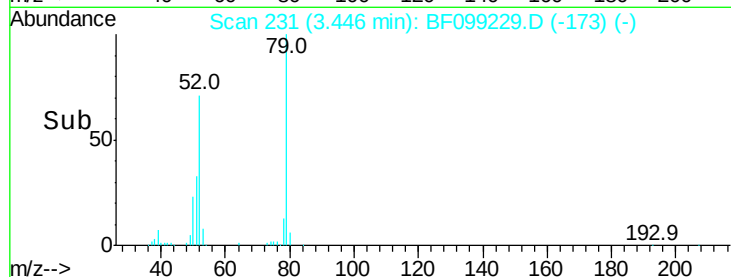
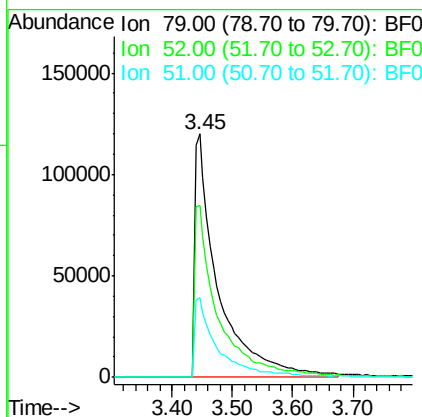
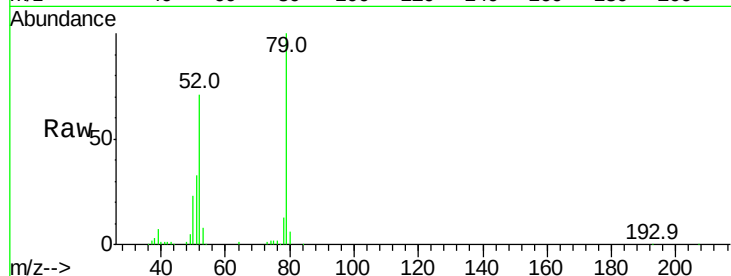
ClientSampleId :

PB102980BSD

Tot Ion:	79	Resp:	321666
Ion Ratio	Lower	Upper	
79	100		
52	70.6	59.8	89.6
51	33.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 34.287 ng

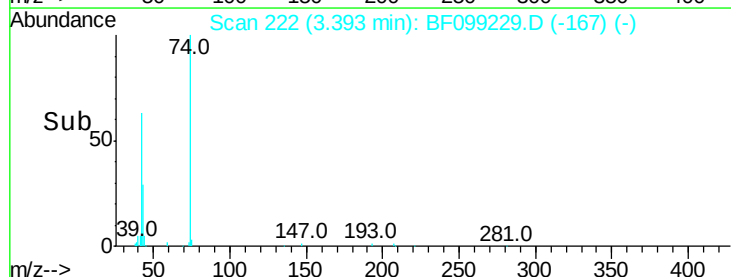
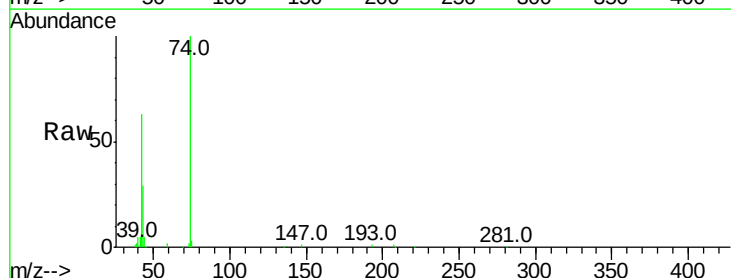
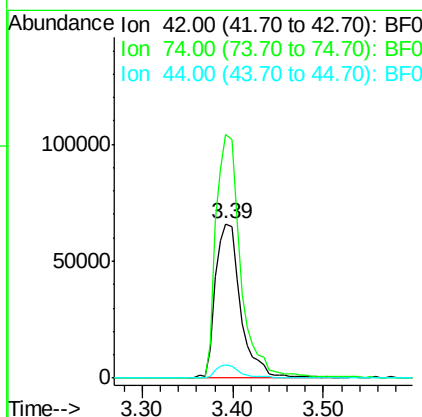
RT: 3.39 min Scan# 222

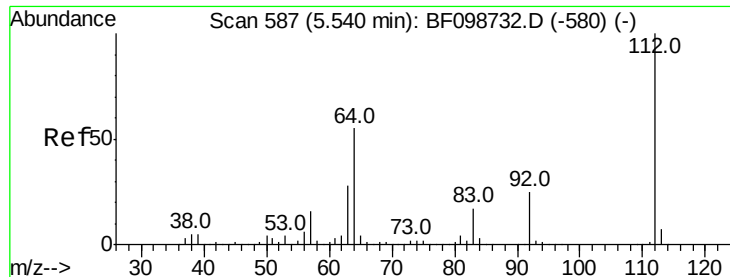
Delta R.T. 0.02 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:	42	Resp:	127304
Ion Ratio	Lower	Upper	
42	100		
74	157.6	104.9	157.3#
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 87.584 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

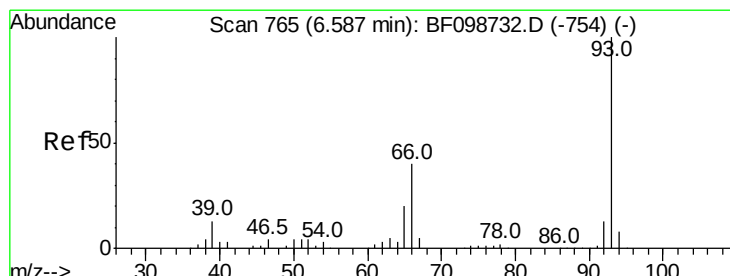
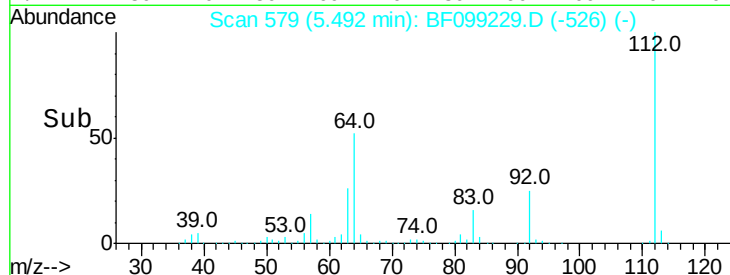
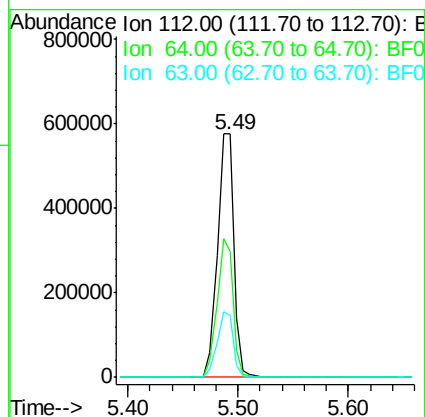
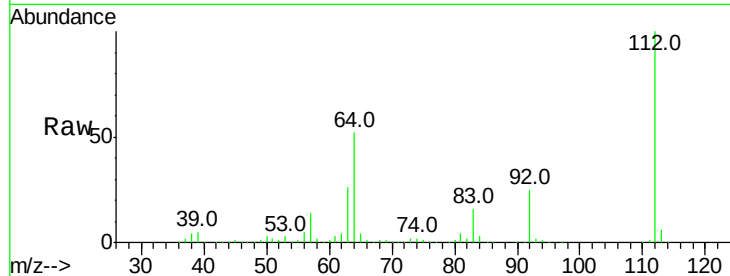
ClientSampleId :

PB102980BSD

Tot Ion:	112	Resp:	593436
Ion Ratio	Lower	Upper	
112	100		
64	52.0	47.9	71.9
63	25.5	23.7	35.5

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#6

Aniline

Concen: 33.999 ng

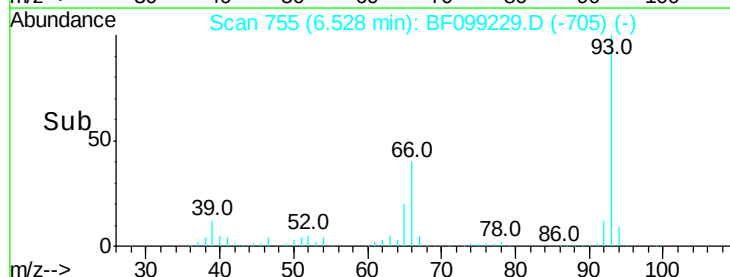
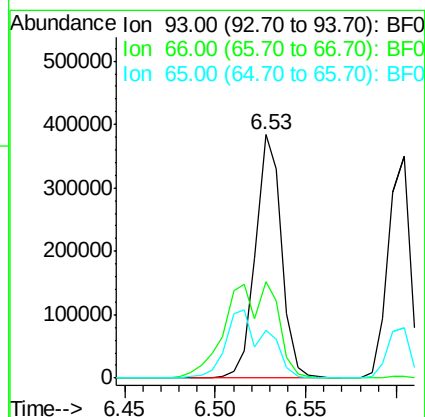
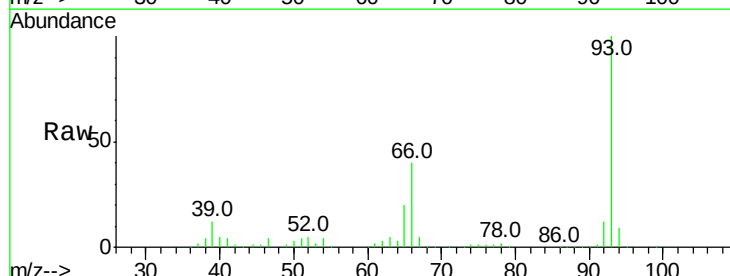
RT: 6.53 min Scan# 755

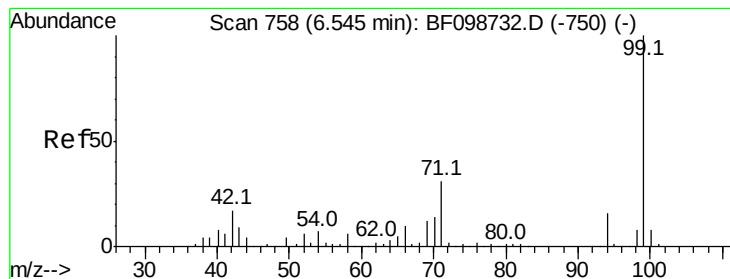
Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:	93	Resp:	383543
Ion Ratio	Lower	Upper	
93	100		
66	39.5	32.2	48.2
65	19.7	16.4	24.6





#7

Phenol-d6

Concen: 86.185 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

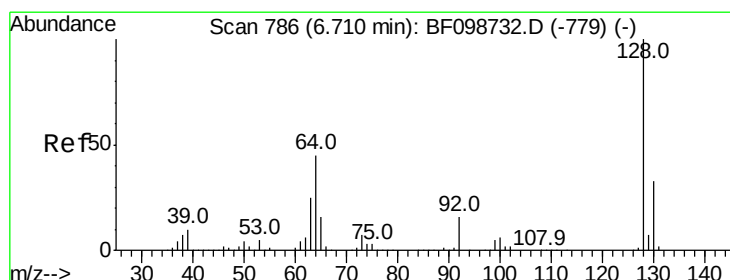
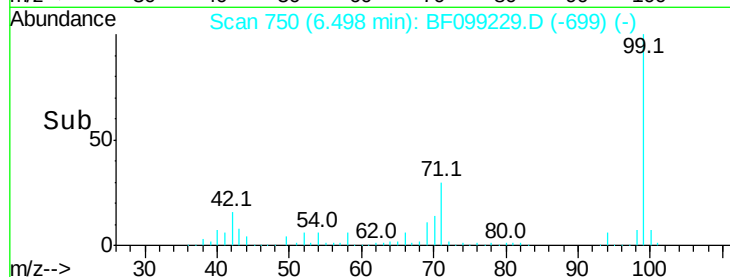
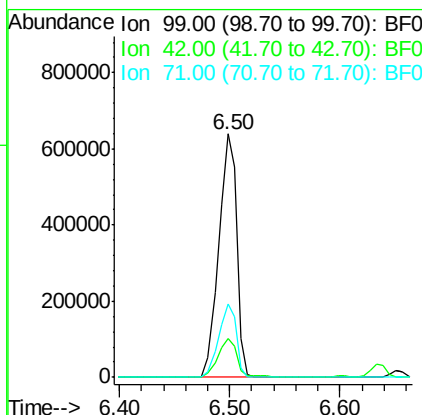
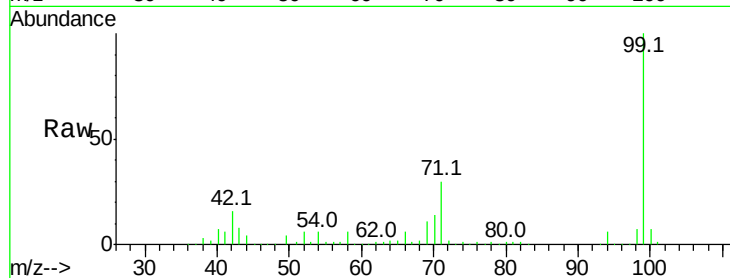
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		720377		
42	15.9	14.5	21.7		
71	30.4	25.4	38.0		

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#8

2-Chlorophenol

Concen: 41.514 ng

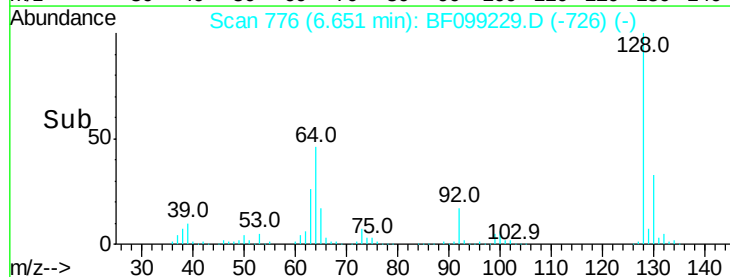
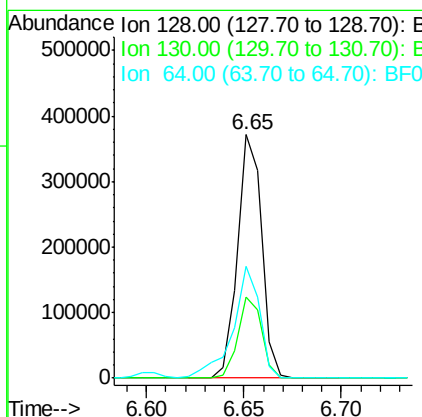
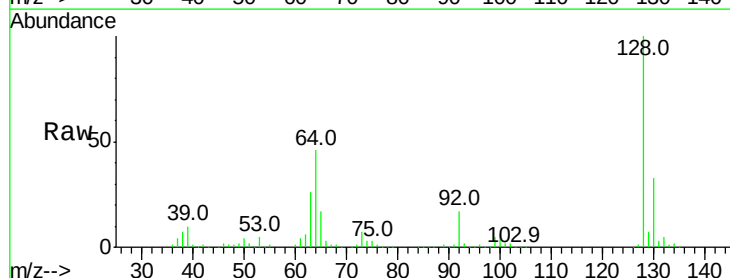
RT: 6.65 min Scan# 776

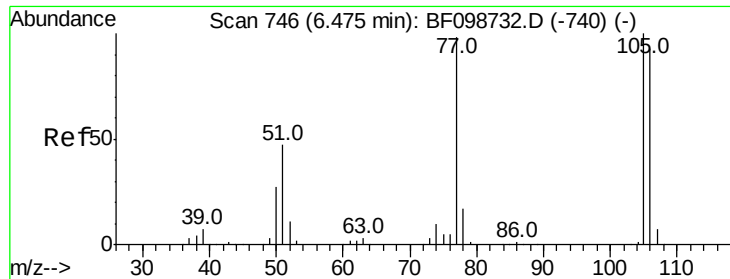
Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		318543		
130	33.3	13.0	53.0		
64	46.1	29.4	69.4		





#9

Benzaldehyde

Concen: 25.392 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

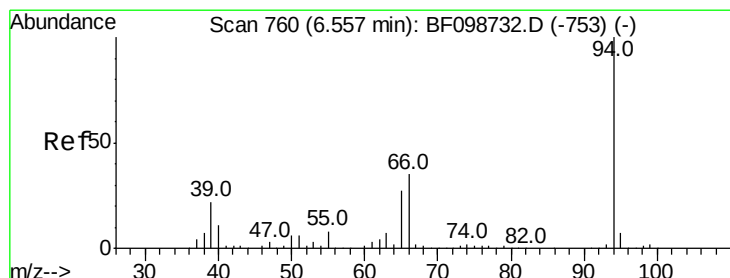
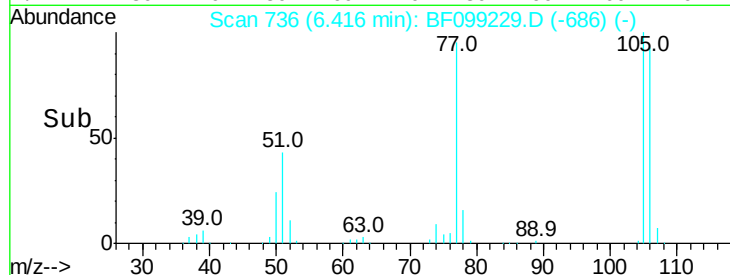
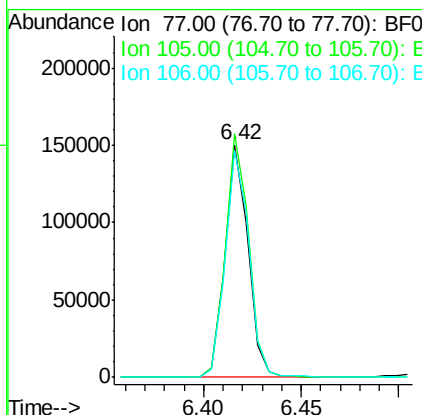
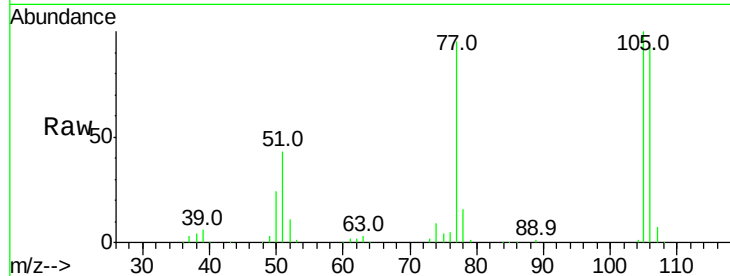
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.7	81.1	121.1		
106	97.8	74.5	114.5		

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#10

Phenol

Concen: 42.783 ng

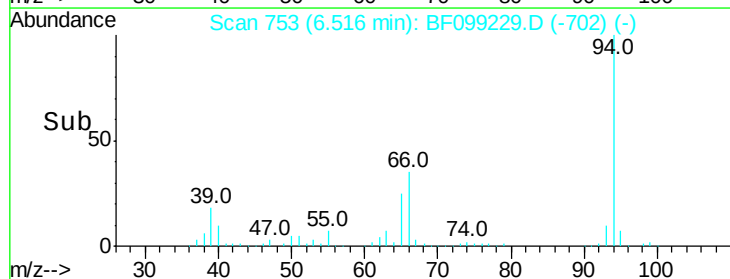
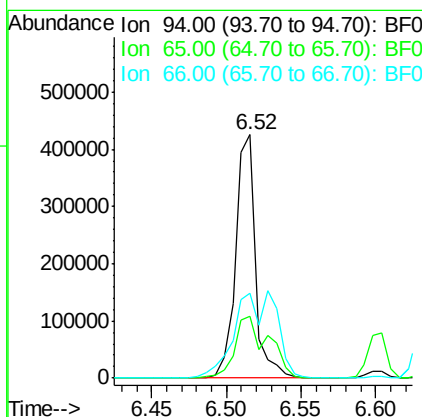
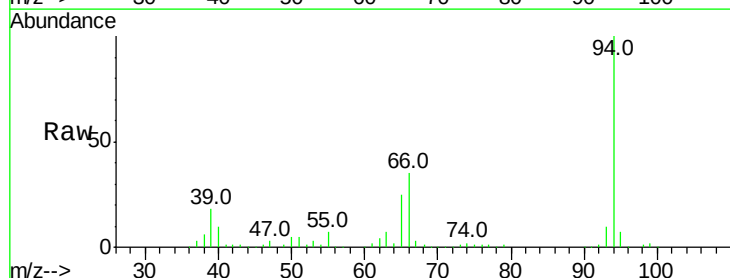
RT: 6.52 min Scan# 753

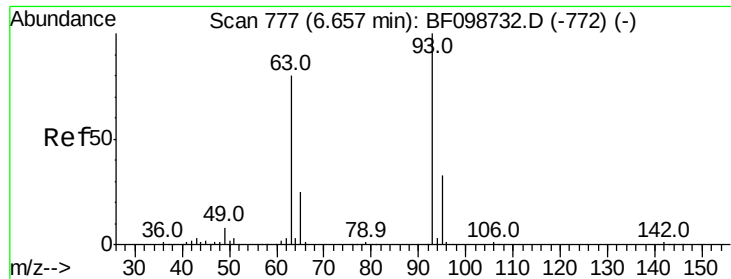
Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	25.3	7.9	47.9		
66	34.9	16.2	56.2		





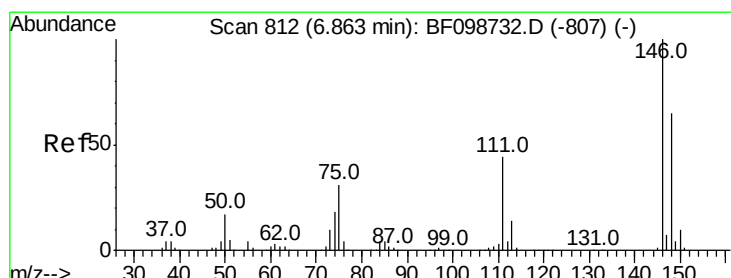
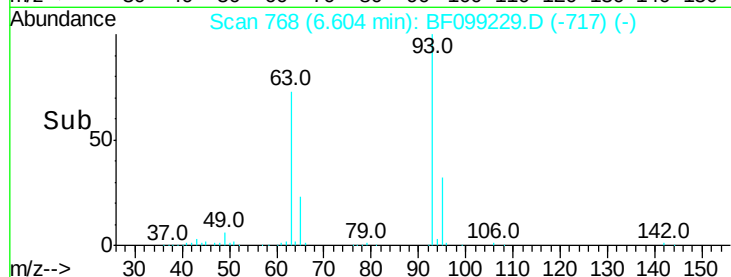
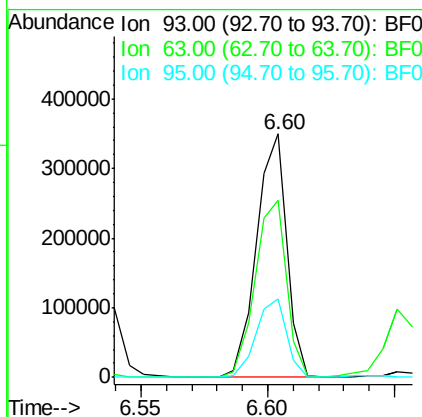
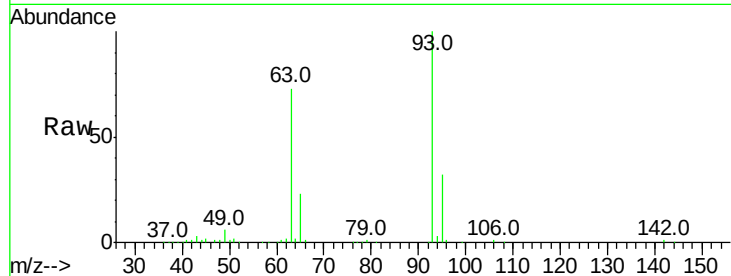
#11
bis(2-Chloroethyl)ether
Concen: 39.946 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	93	Ratio	100	Resp	290299
Ion	93	100		Lower	Upper
	63	72.8		58.6	98.6
	95	32.3		11.8	51.8

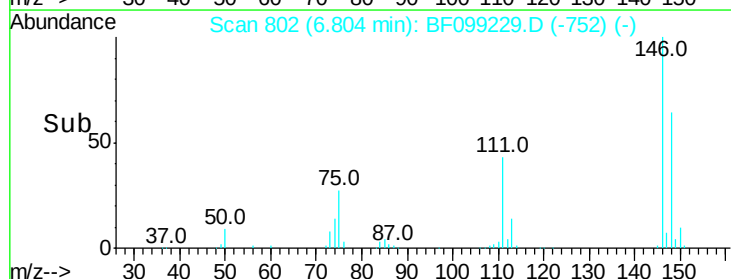
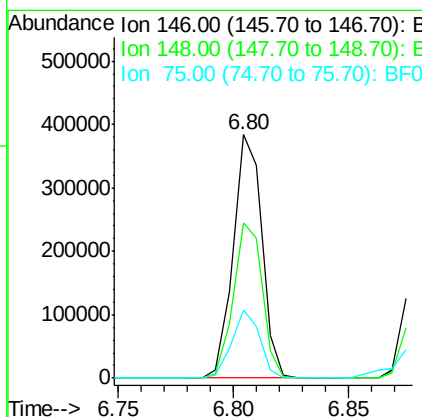
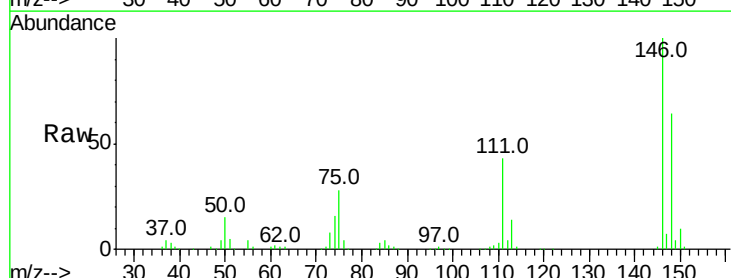
Manual Integrations
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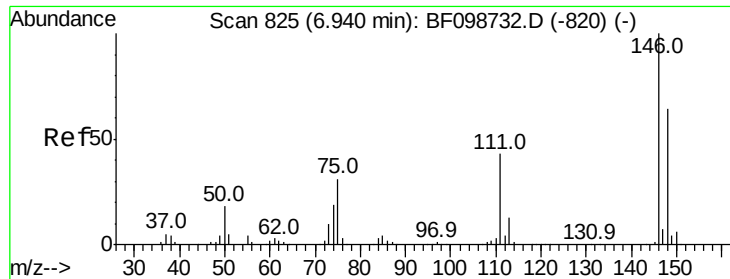
Sohil
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#12
1,3-Dichlorobenzene
Concen: 41.302 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	146	Ratio	100	Resp	331899
Ion	146	100		Lower	Upper
	148	63.5		51.8	77.8
	75	28.2		24.2	36.4





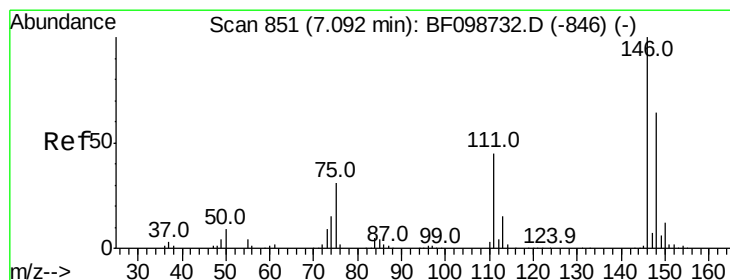
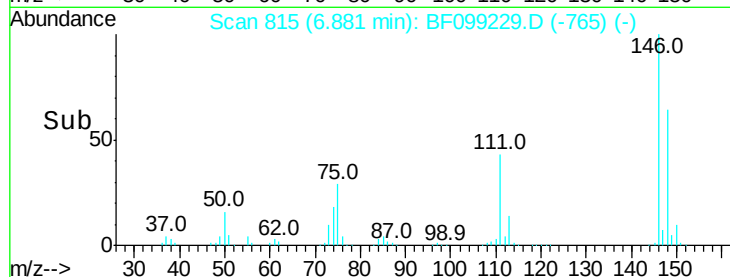
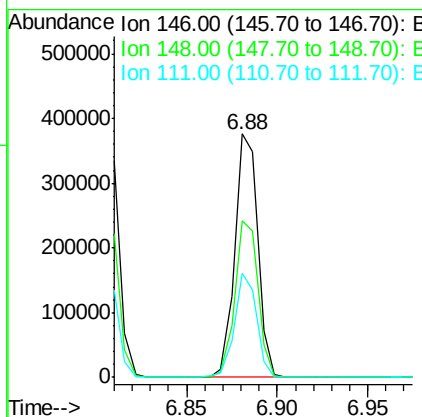
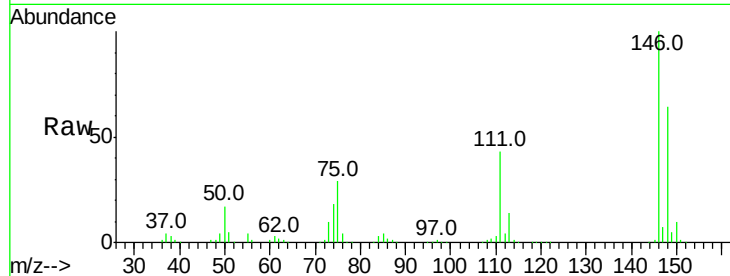
#13
 1,4-Dichlorobenzene
 Concen: 40.666 ng
 RT: 6.88 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	42.6	34.2	51.2

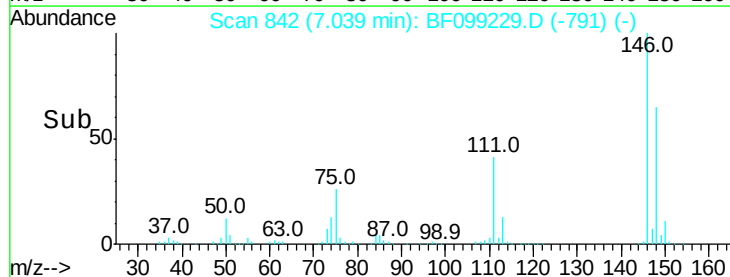
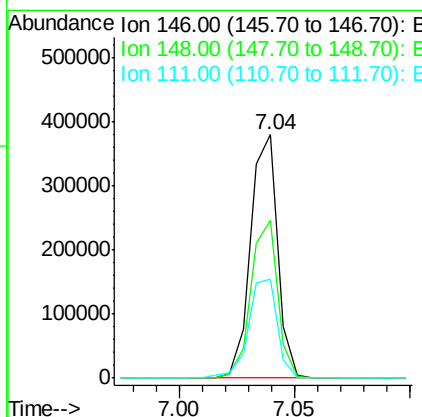
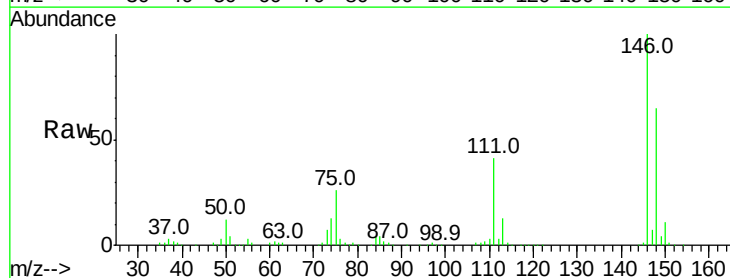
Manual Integrations
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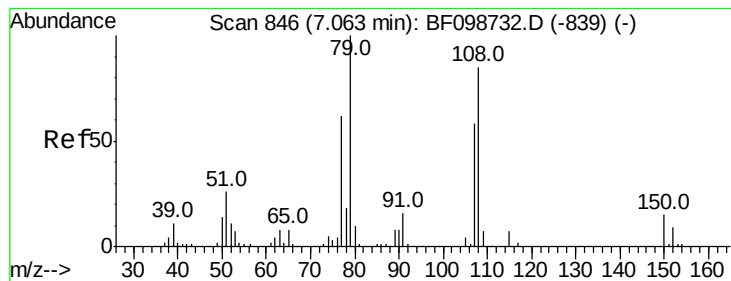
Sohil
 10/9/2017 6:35:56 PM



#14
 1,2-Dichlorobenzene
 Concen: 41.294 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	50.6	75.8
111	40.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 40.740 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

PB102980BSD

Tot Ion: 79 Resp: 249811

Ion Ratio Lower Upper

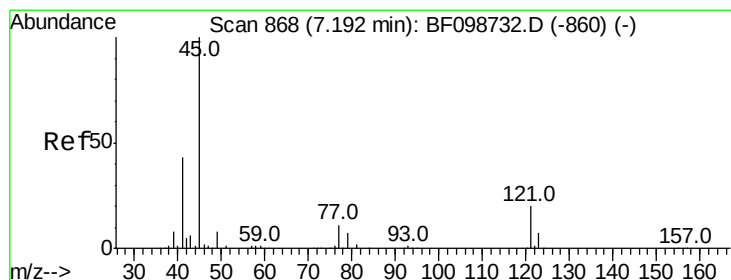
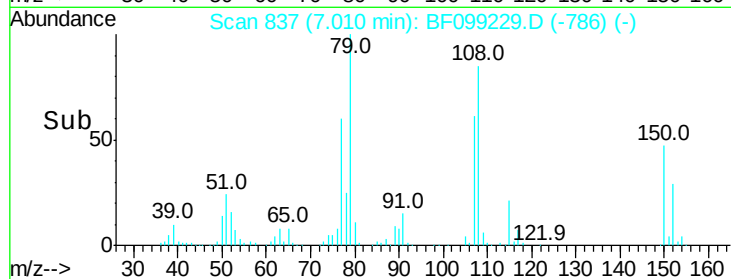
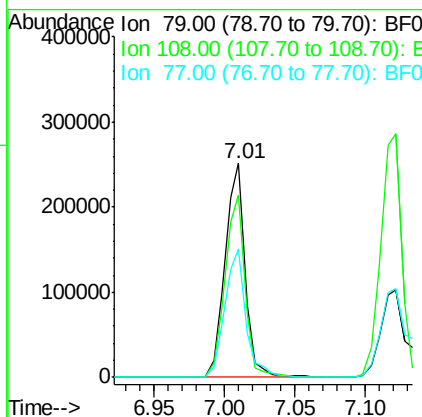
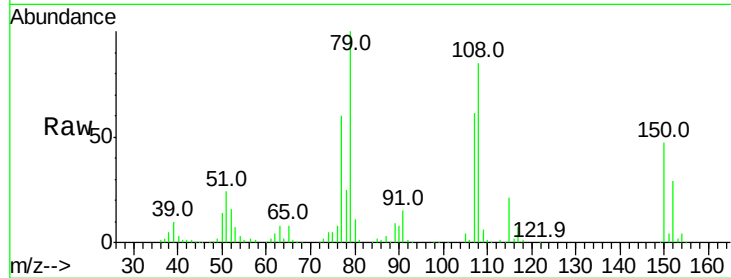
79 100

108 85.0 65.1 97.7

77 59.8 50.6 75.8

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.414 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

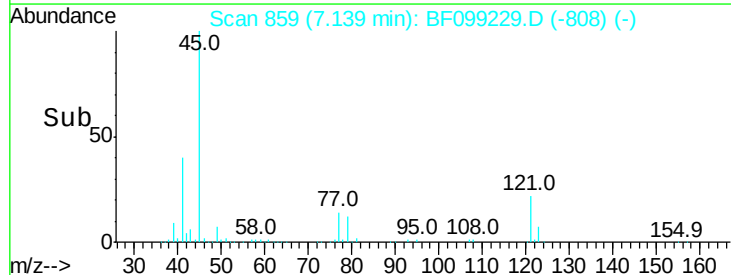
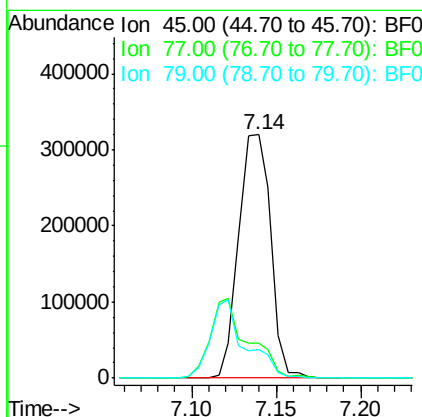
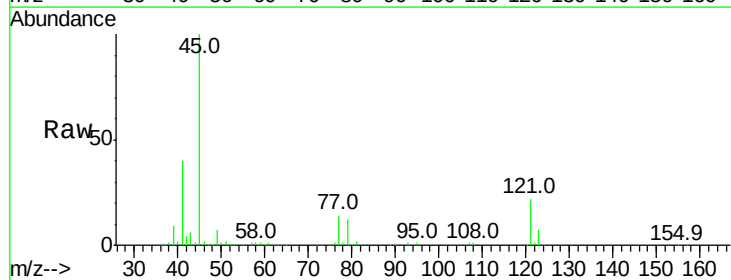
Tgt Ion: 45 Resp: 423608

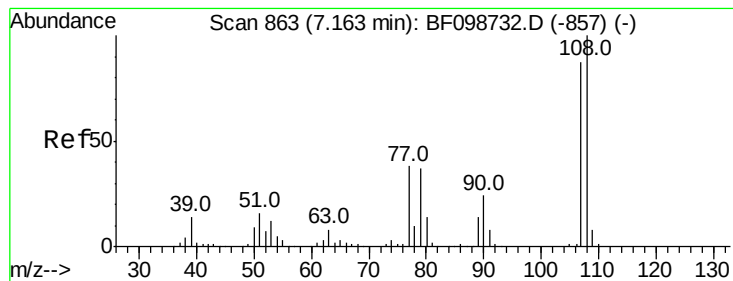
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.9

79 11.5 0.0 29.6





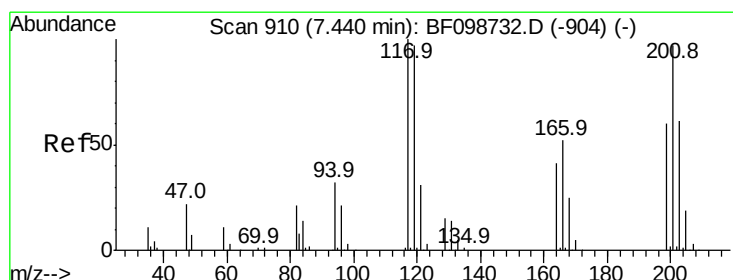
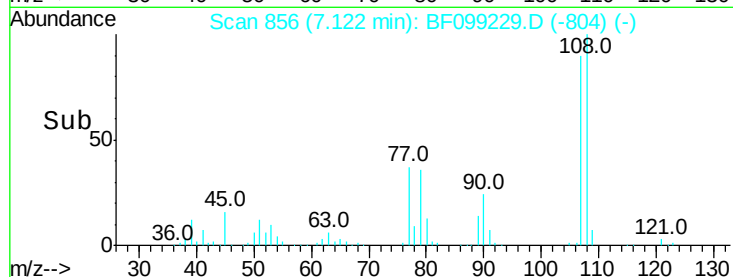
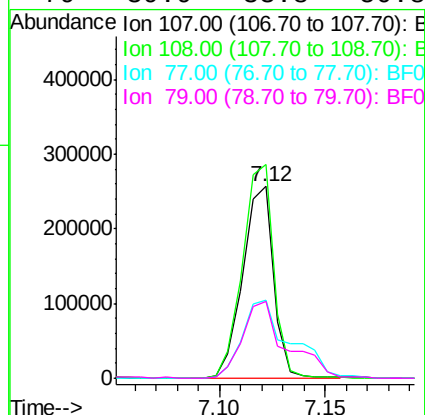
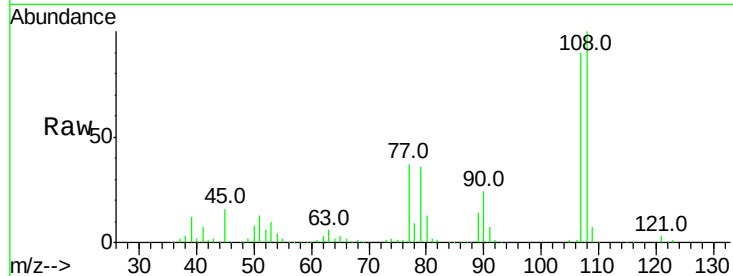
#17
2-Methylphenol
Concen: 41.774 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	262271		
108	111.3		91.7	137.5
77	40.8		33.8	50.8
79	39.9		33.8	50.8

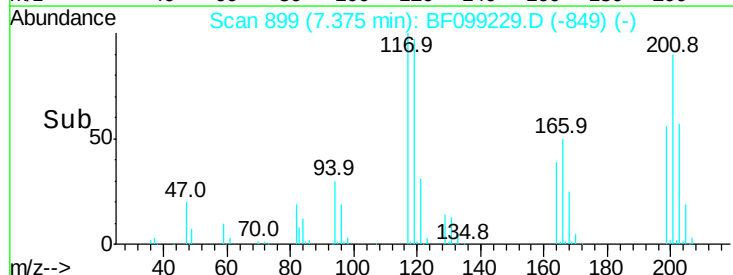
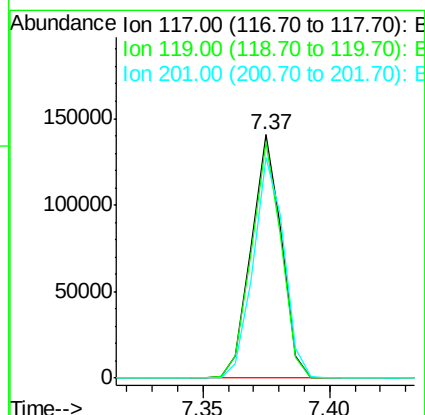
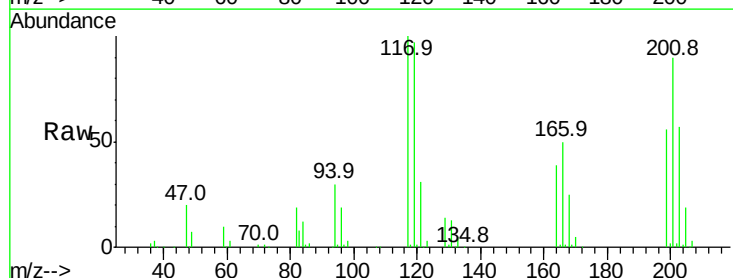
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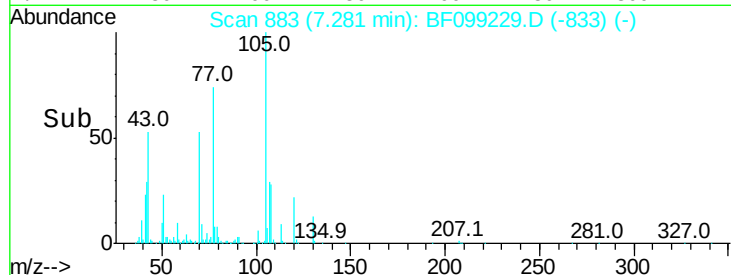
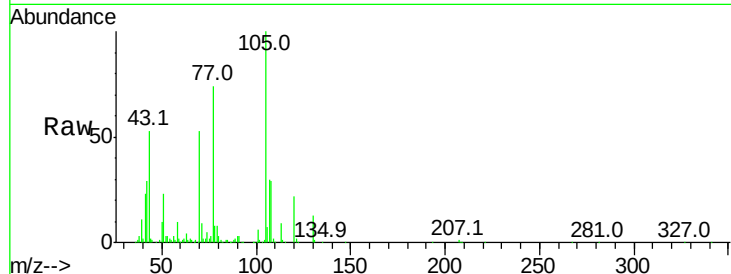
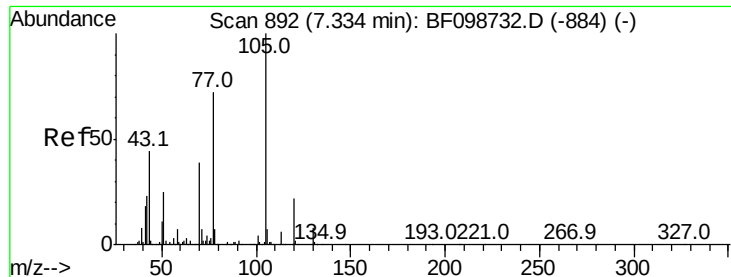
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#18
Hexachloroethane
Concen: 39.618 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	116427		
119	96.9		75.8	113.8
201	90.4		75.7	113.5





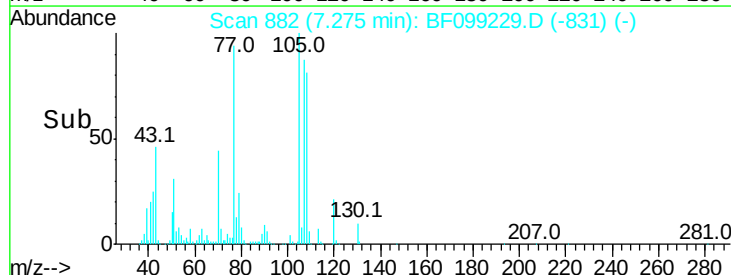
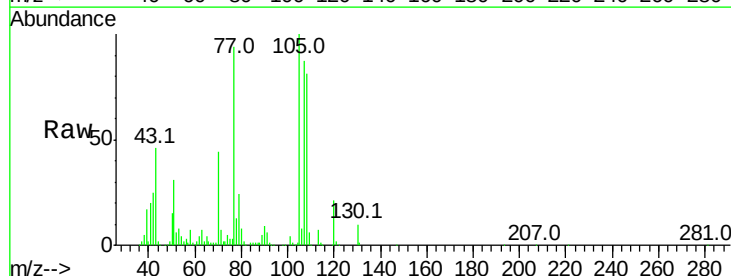
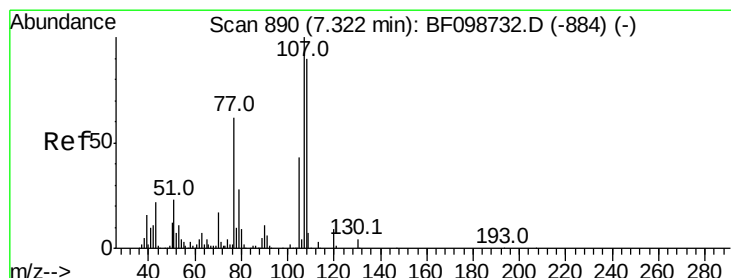
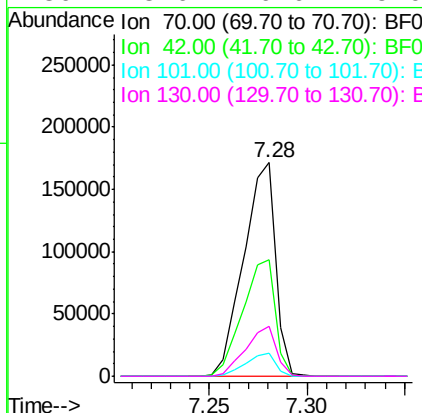
#19
n-Nitroso-di-n-propylamine
Concen: 36.520 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	70	Resp	194889
Ion Ratio	Lower	Upper	
70	100		
42	54.6	47.5	71.3
101	11.0	7.4	11.2
130	23.6	16.6	25.0

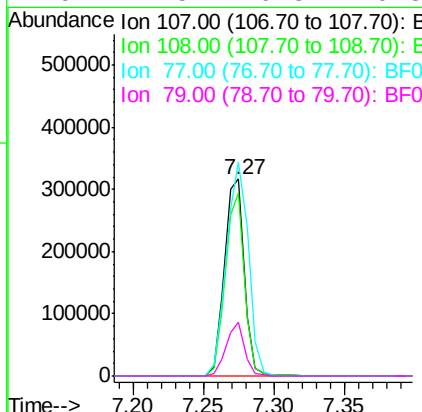
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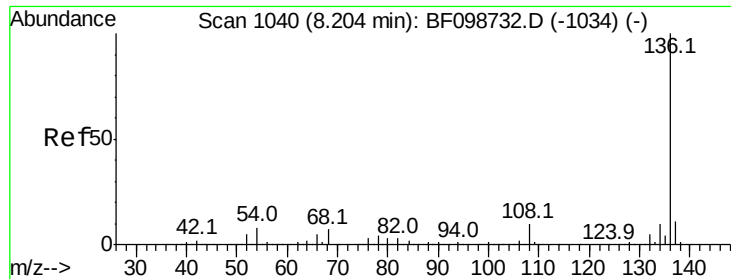
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#20
3+4-Methylphenols
Concen: 39.133 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	107	Resp	310819
Ion Ratio	Lower	Upper	
107	100		
108	92.8	68.2	108.2
77	108.5	26.7	66.7#
79	27.5	6.3	46.3





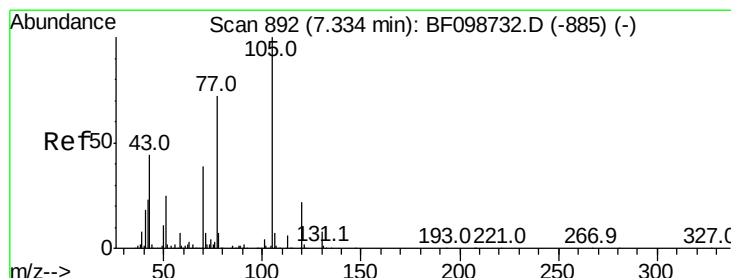
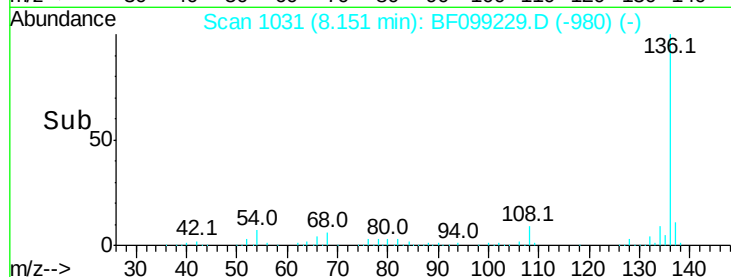
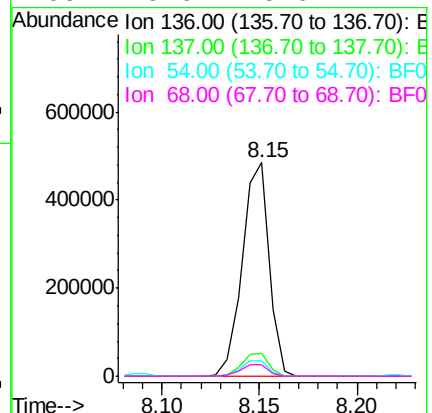
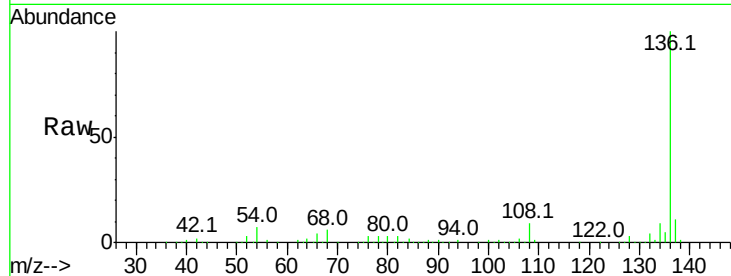
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	7.0	6.6	9.8	
68	5.6	5.0	7.4	

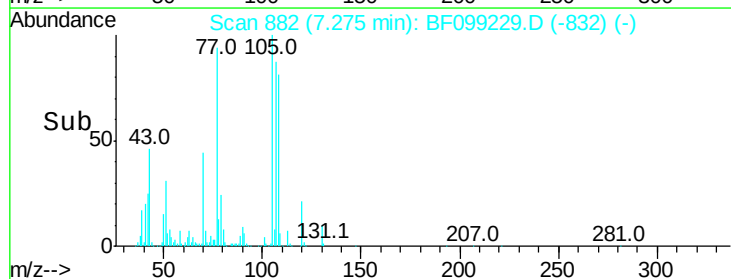
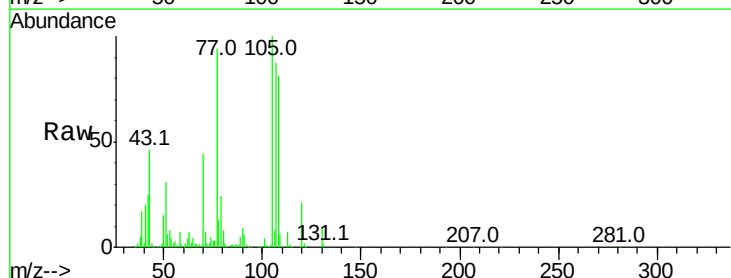
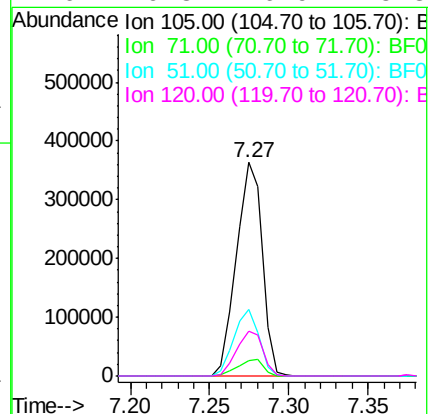
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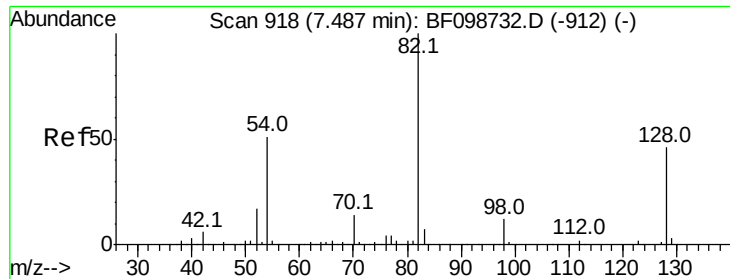
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#22
Acetophenone
Concen: 36.735 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.5	4.4	6.6#	
51	31.5	22.3	33.5	
120	20.8	16.9	25.3	





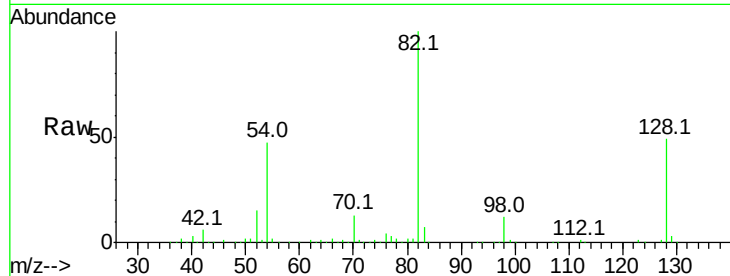
#23
 Nitrobenzene-d5
 Concen: 87.168 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

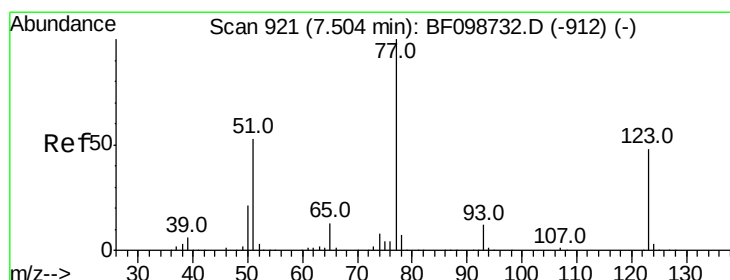
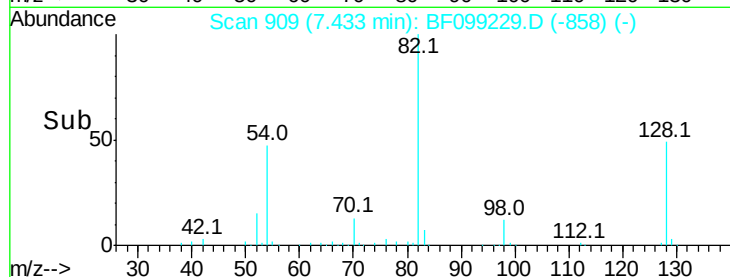
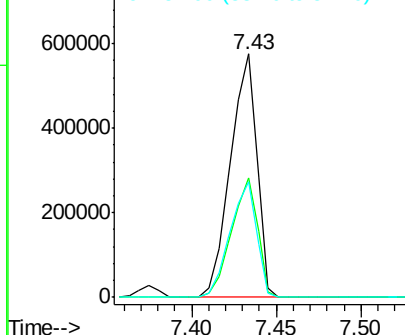
Tot Ion	Ratio	Resp	Lower	Upper
82	100	624521		
128	48.9	36.1	54.1	
54	47.4	41.4	62.2	

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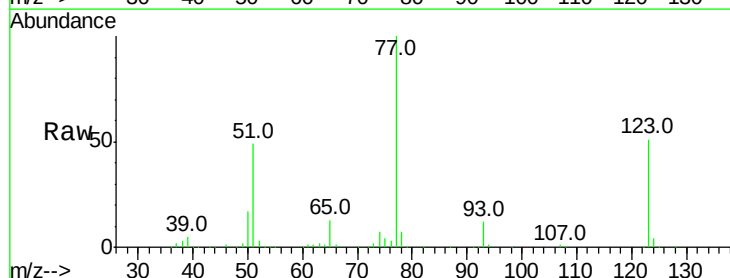


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

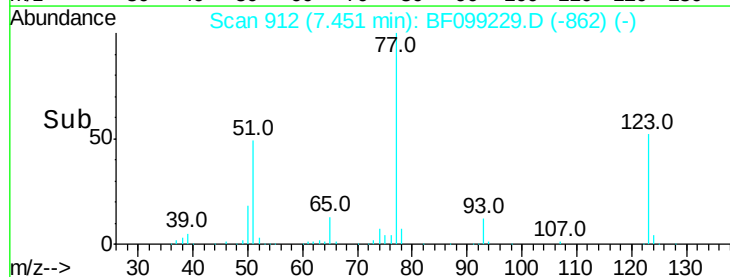
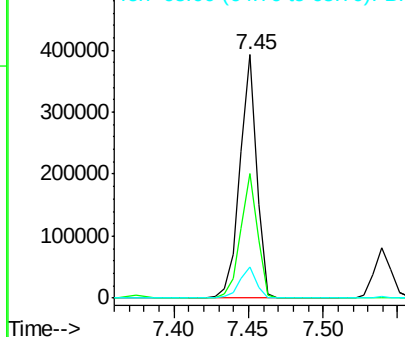


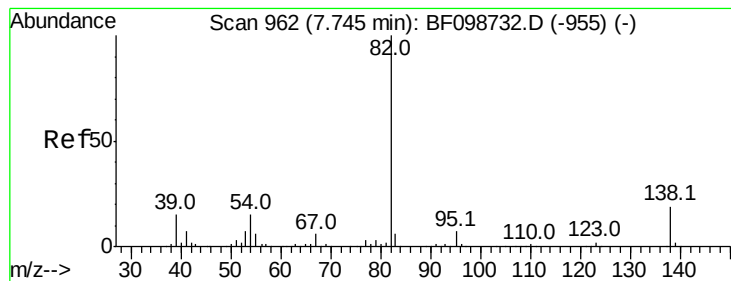
#24
 Nitrobenzene
 Concen: 38.279 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	311105		
123	51.4	37.9	56.9	
65	13.0	11.0	16.4	



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.356 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

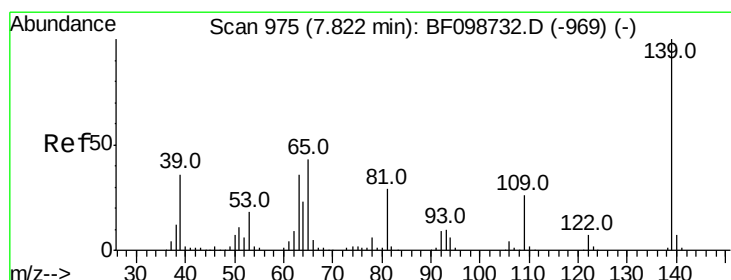
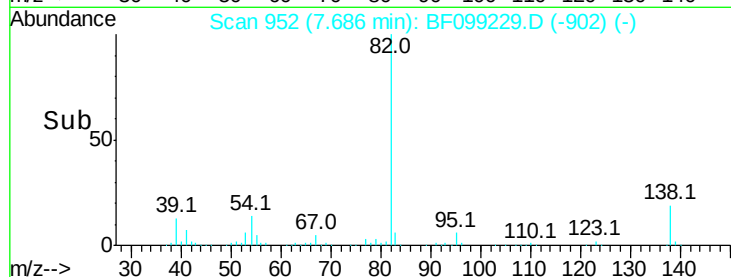
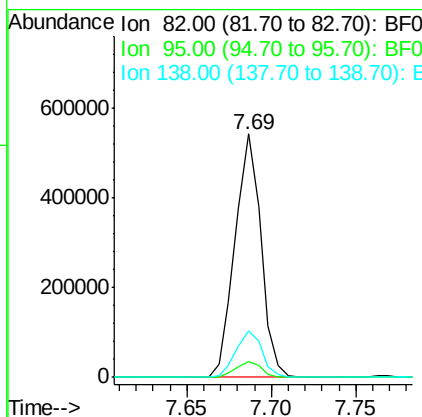
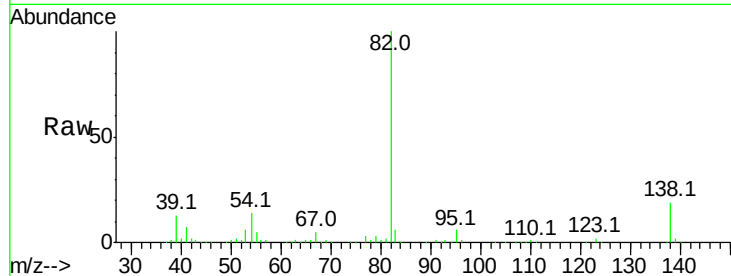
ClientSampleId :

PB102980BSD

Tot Ion:	82	Resp:	582977
Ion Ratio		Lower	Upper
82	100		
95	6.3	5.2	7.8
138	19.3	14.9	22.3

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#26

2-Nitrophenol

Concen: 44.770 ng

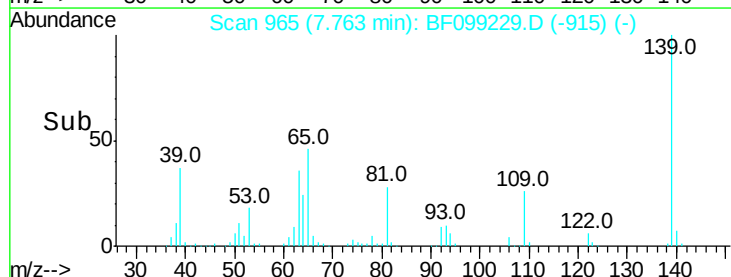
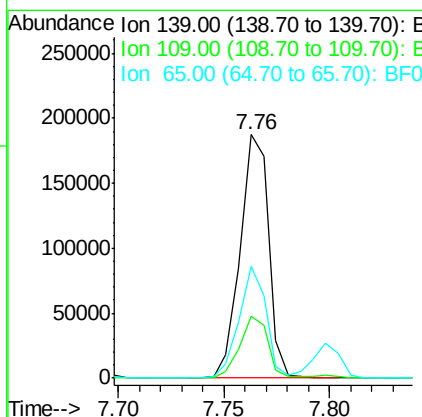
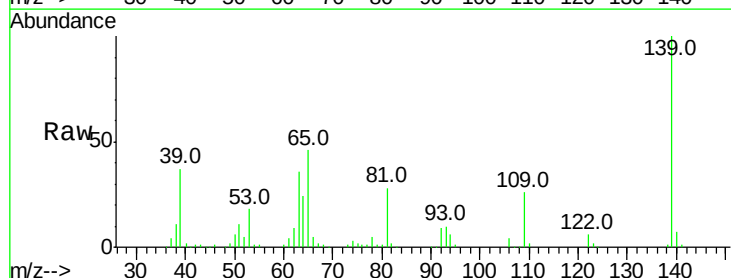
RT: 7.76 min Scan# 965

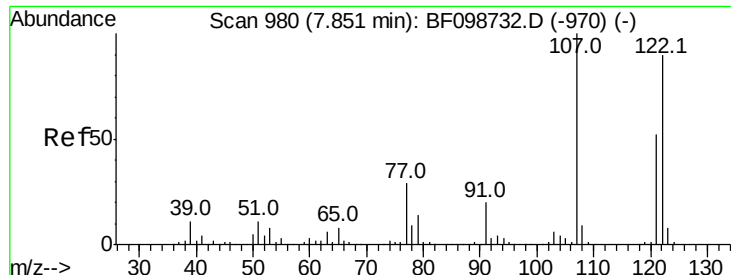
Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:	139	Resp:	174972
Ion Ratio		Lower	Upper
139	100		
109	25.6	22.7	34.1
65	45.8	40.5	60.7





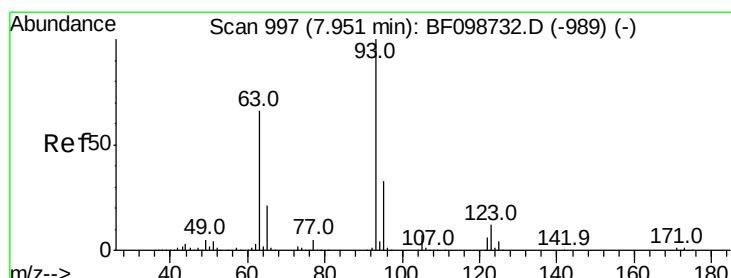
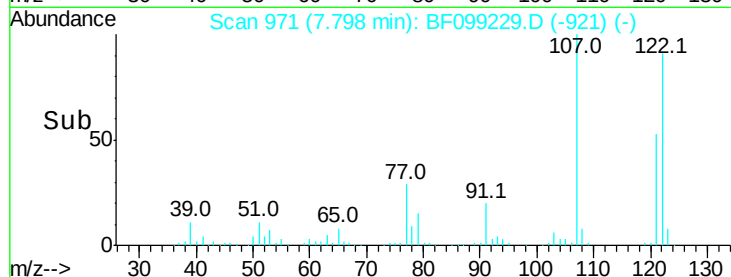
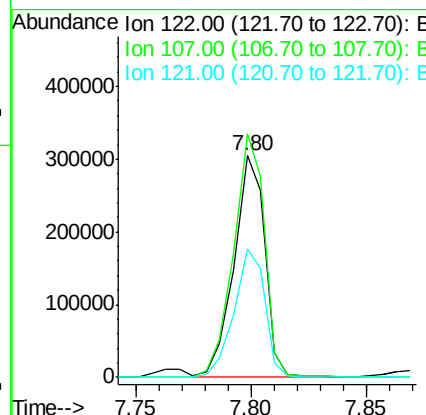
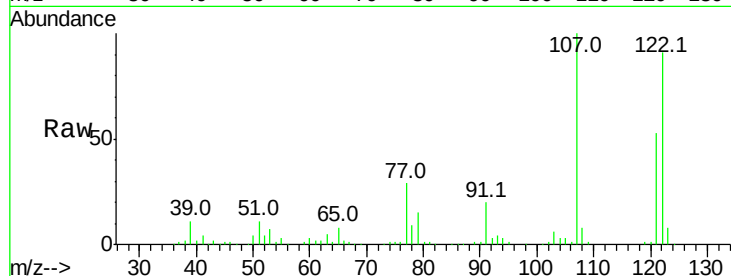
#27
2,4-Dimethylphenol
Concen: 38.613 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	91.2	136.8
121	58.0	47.2	70.8

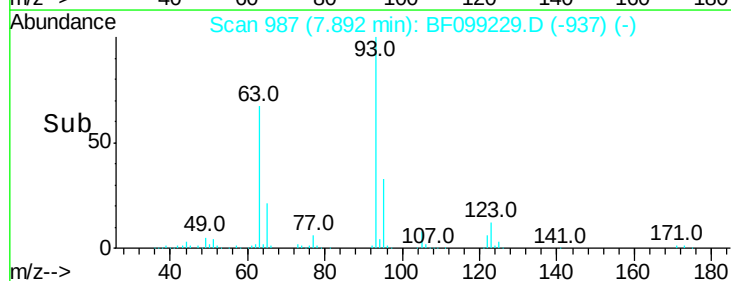
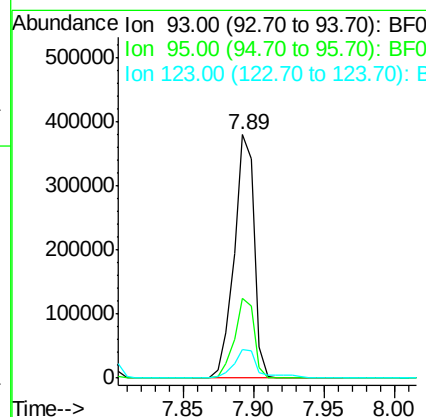
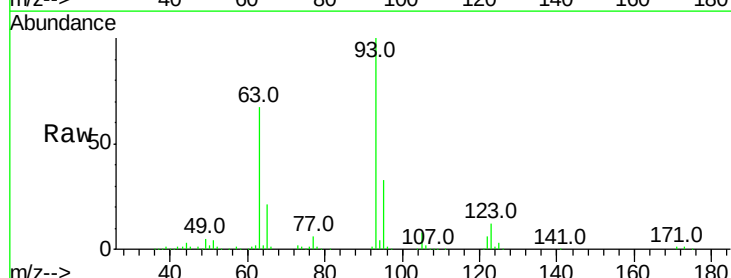
Manual Integrations
APPROVED

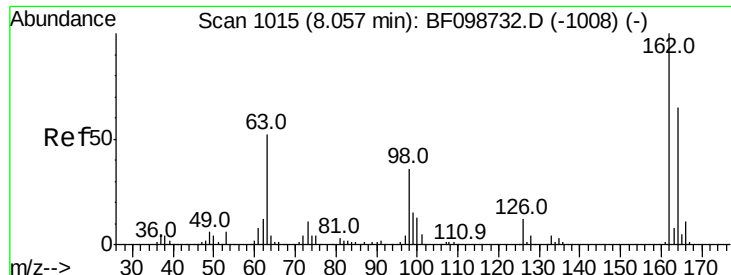
Sohil
10/9/2017 6:35:56 PM



#28
bis(2-Chloroethoxy)methane
Concen: 40.268 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.3	39.5
123	11.6	9.8	14.6





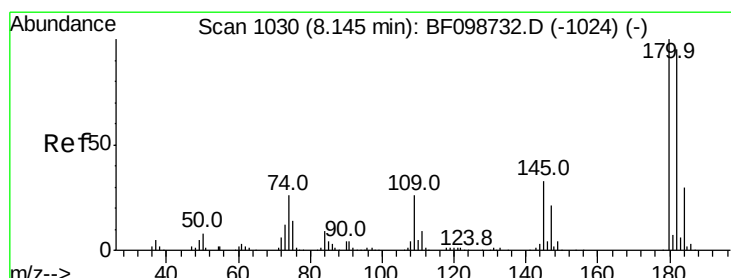
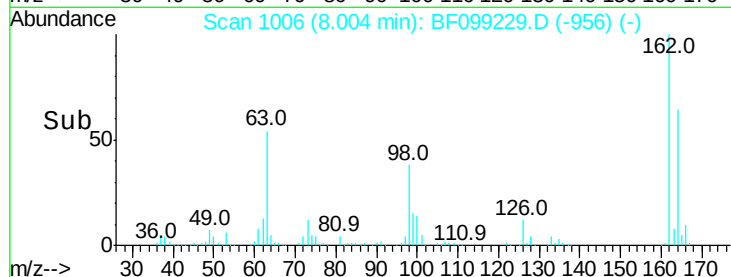
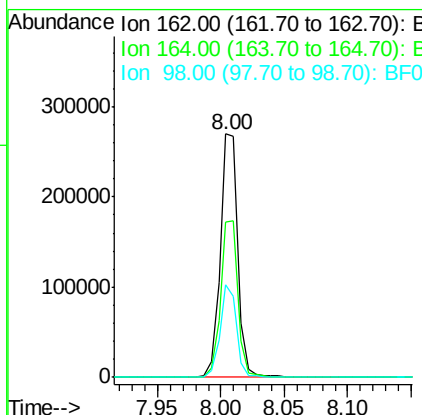
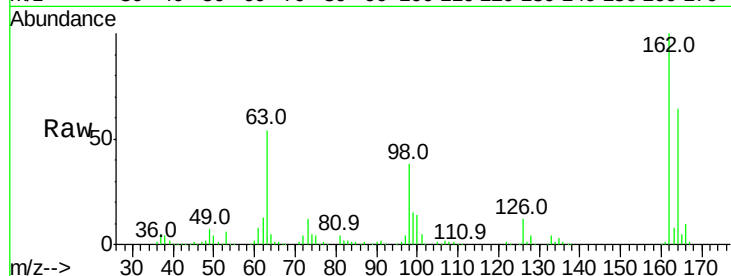
#29
2,4-Dichlorophenol
Concen: 41.494 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	262945		
164	63.7	42.7	82.7	
98	38.1	18.1	58.1	

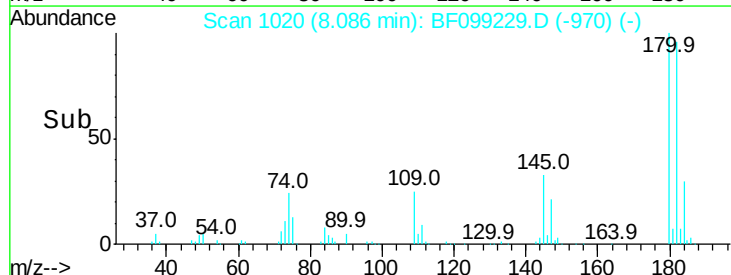
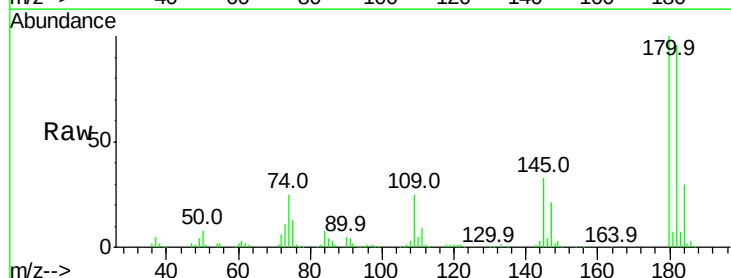
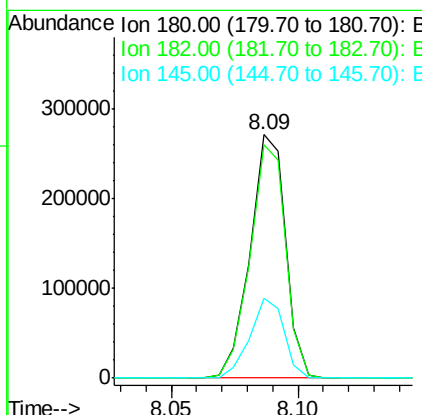
Manual Integrations
APPROVED

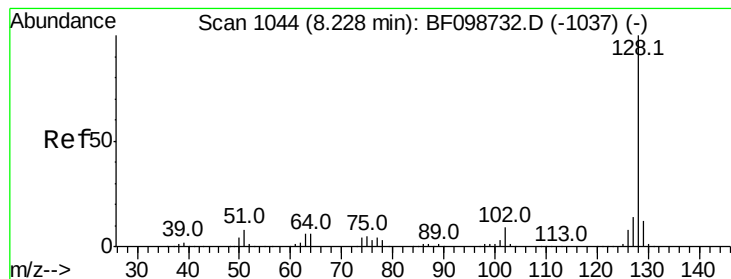
Sohil
10/9/2017 6:35:56 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.462 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	262783		
182	95.7	76.8	115.2	
145	32.8	26.5	39.7	





#31

Naphthalene

Concen: 40.947 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

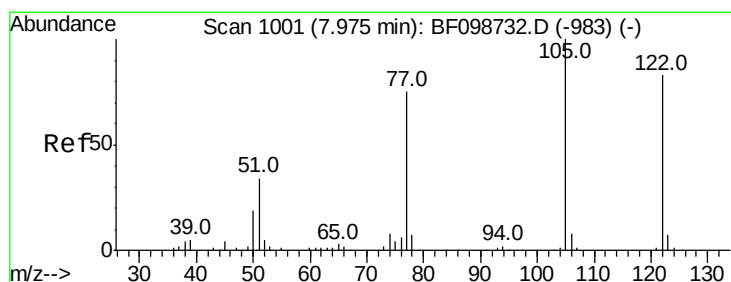
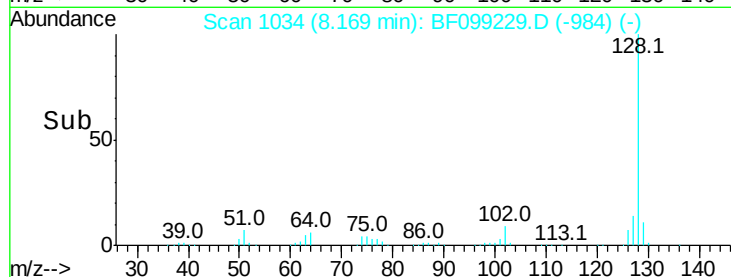
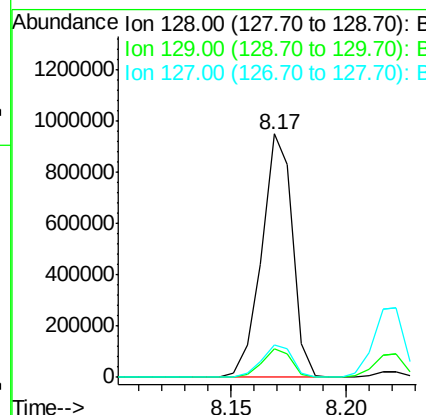
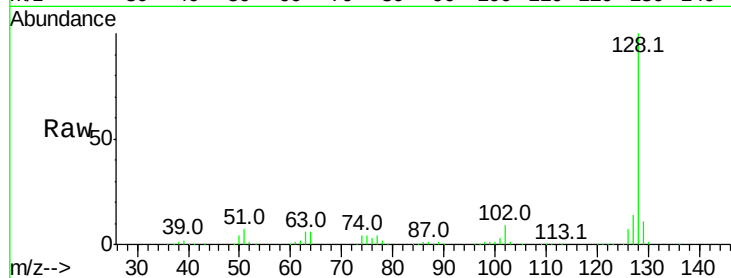
ClientSampleId :

PB102980BSD

Tot Ion:	128	Resp:	883612
Ion Ratio	Lower	Upper	
128	100		
129	11.5	8.8	13.2
127	13.5	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 25.288 ng

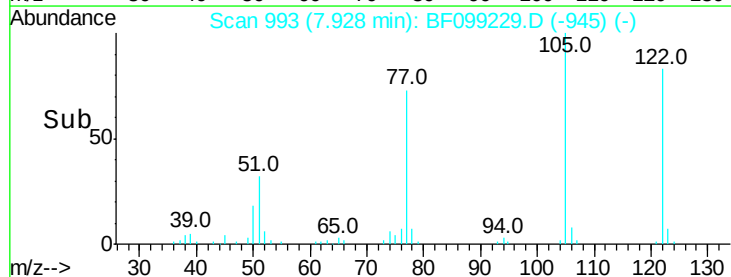
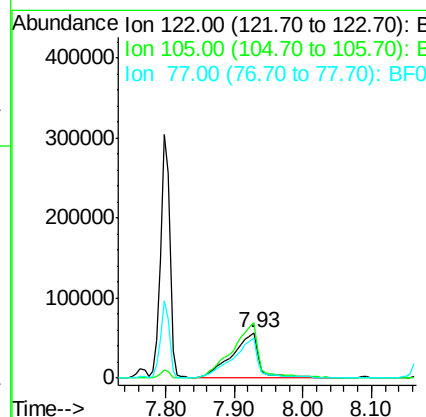
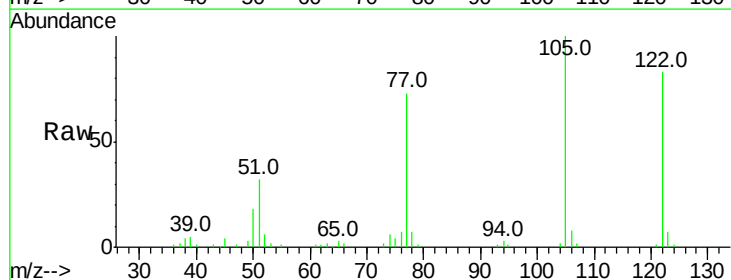
RT: 7.93 min Scan# 993

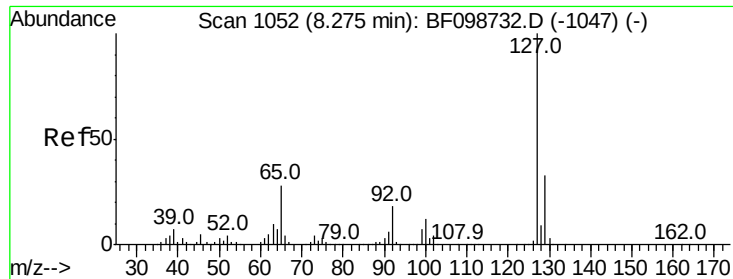
Delta R.T. -0.02 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:	122	Resp:	153314
Ion Ratio	Lower	Upper	
122	100		
105	120.5	101.1	141.1
77	88.1	70.7	110.7





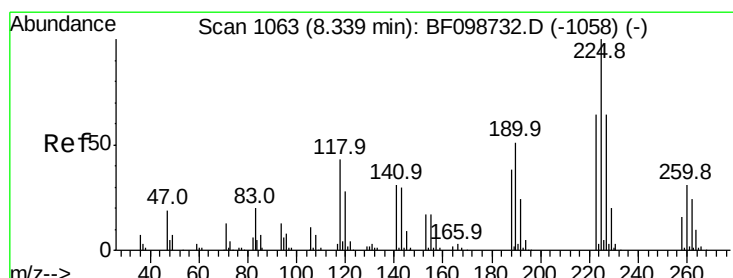
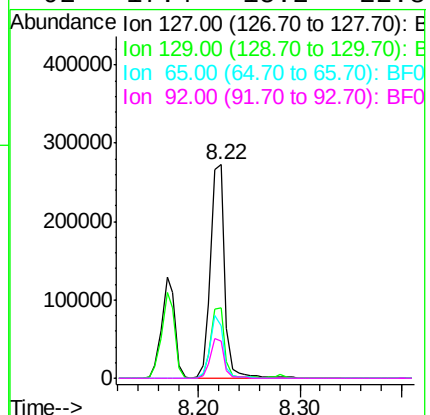
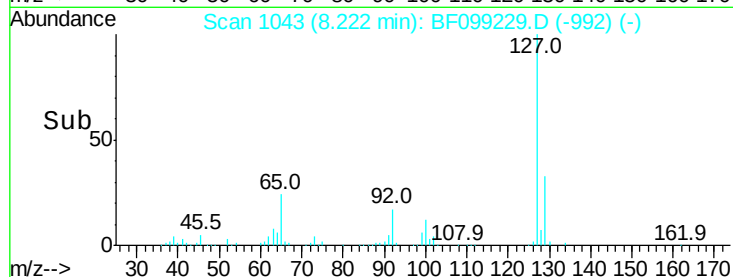
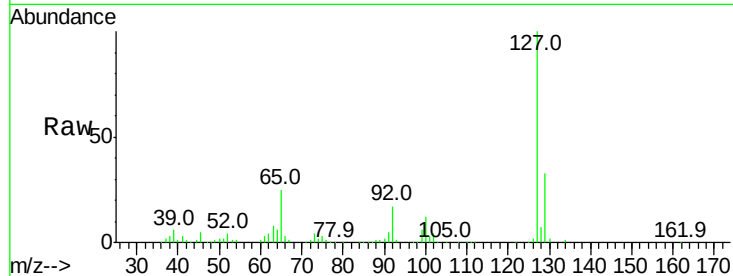
#33
4-Chloroaniline
Concen: 29.639 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	24.7	25.0	37.4		
92	17.4	15.2	22.8		

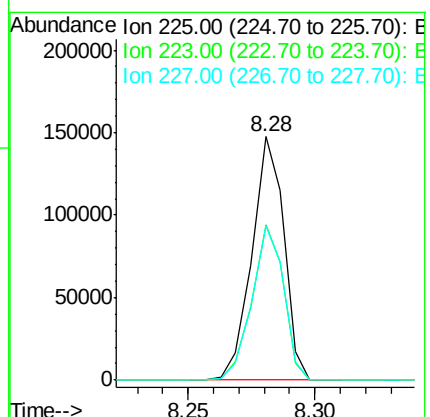
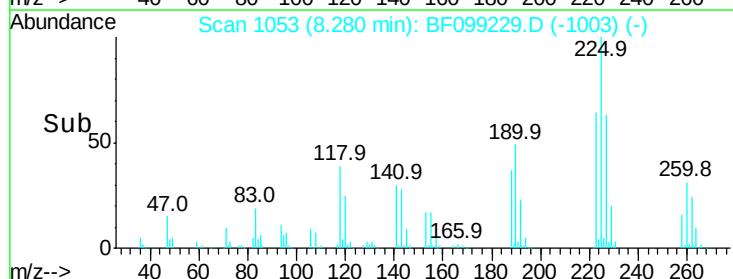
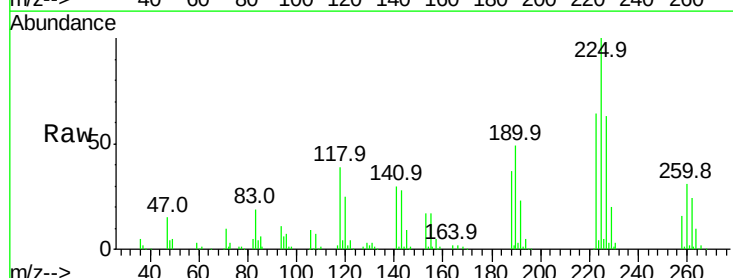
Manual Integrations
APPROVED

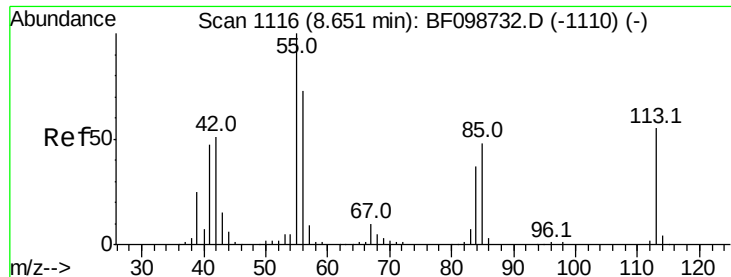
Sohil
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#34
Hexachlorobutadiene
Concen: 39.800 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.6	50.6	76.0		
227	63.3	51.9	77.9		





#35

Caprolactam

Concen: 44.592 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. -0.02 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleID :

PB102980BSD

Tot Ion:113 Resp: 90643

Ion Ratio Lower Upper

113 100

55 166.7 163.3 203.3

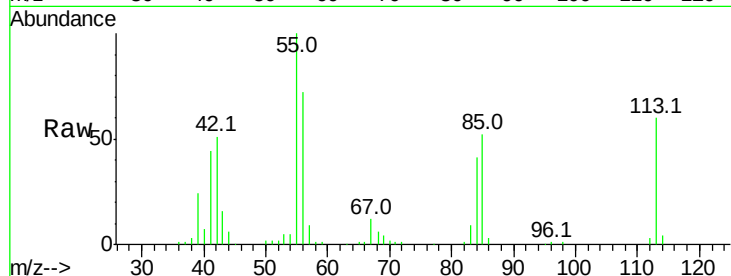
56 120.8 115.7 155.7

Manual Integrations

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Sohil

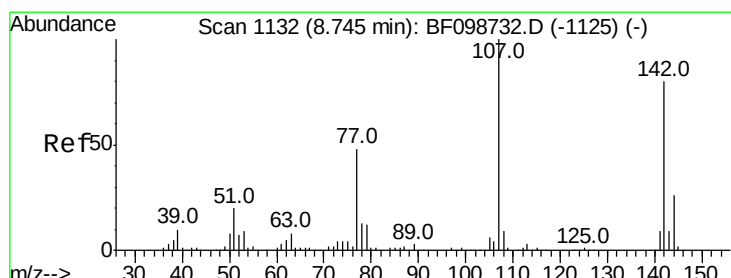
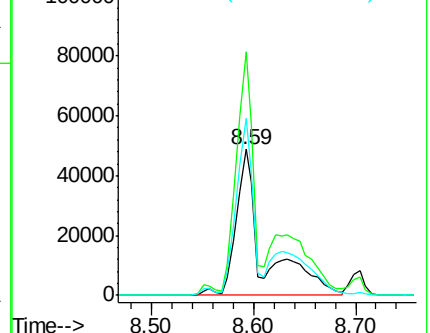
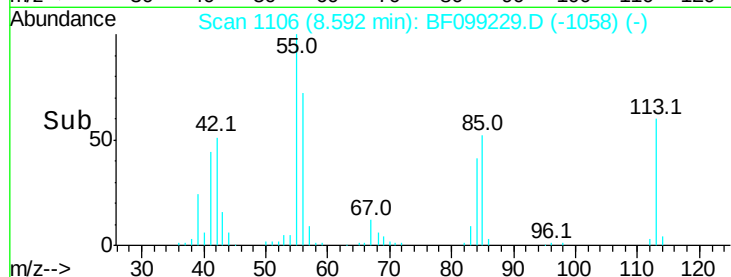
10/9/2017 6:35:56 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 39.614 ng/ml

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

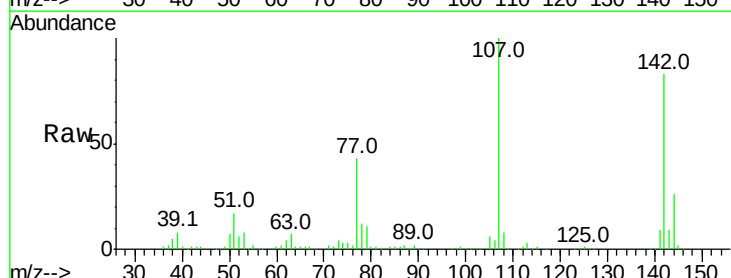
Tgt Ion:107 Resp: 282155

Ion Ratio Lower Upper

107 100

144 26.1 20.5 30.7

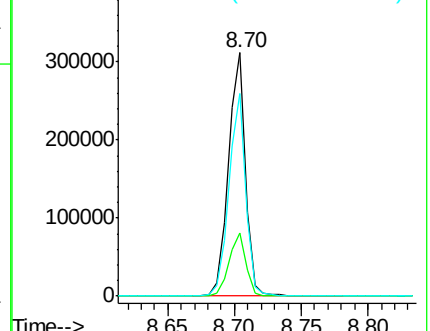
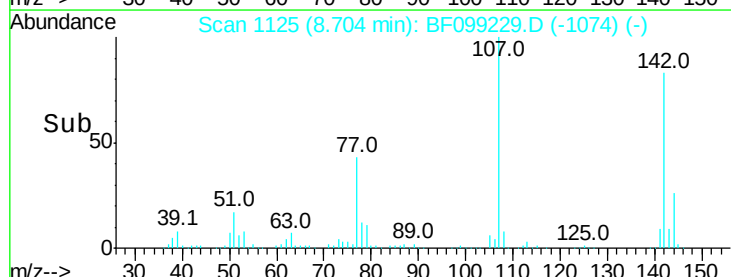
142 83.1 62.0 93.0

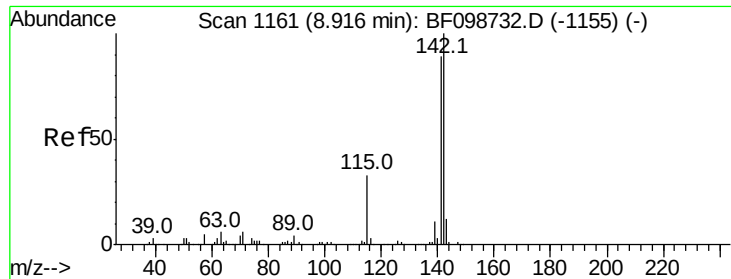


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





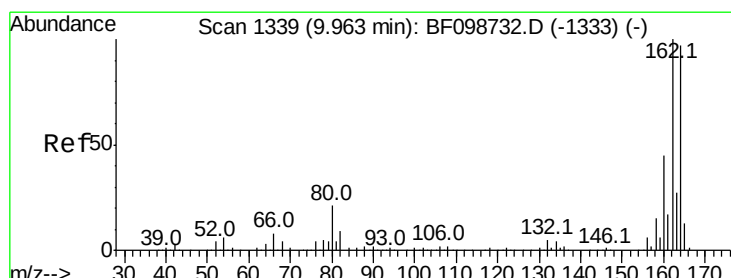
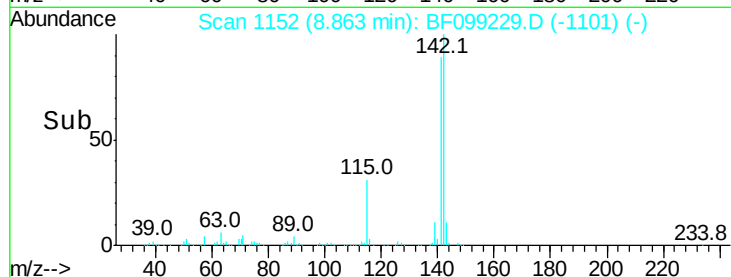
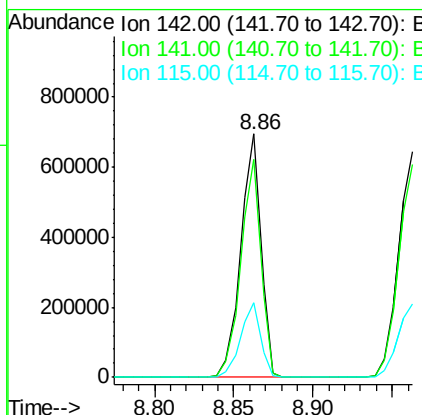
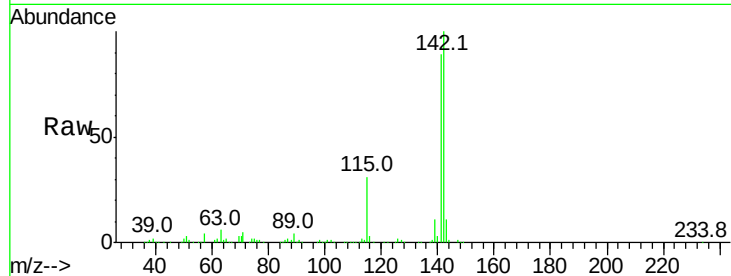
#37
2-Methylnaphthalene
Concen: 44.010 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	30.9	26.1	39.1

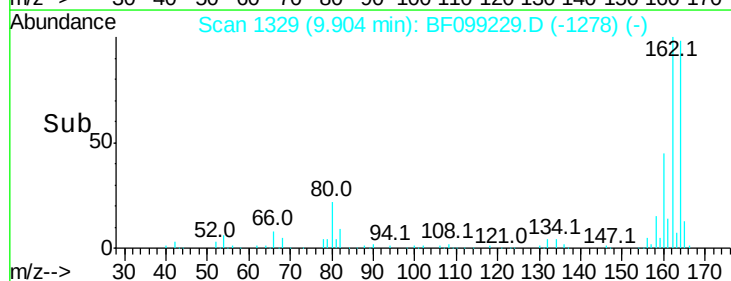
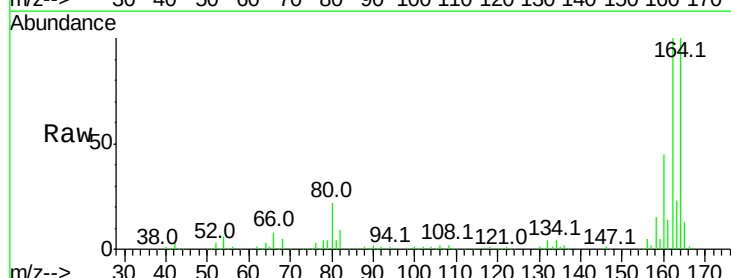
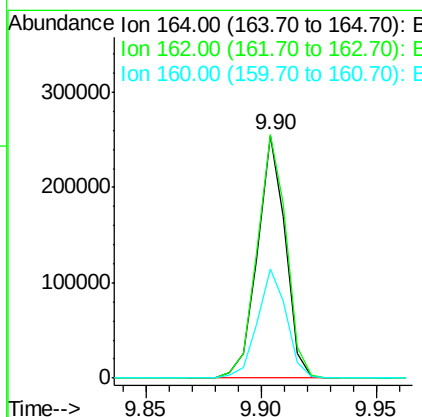
Manual Integrations
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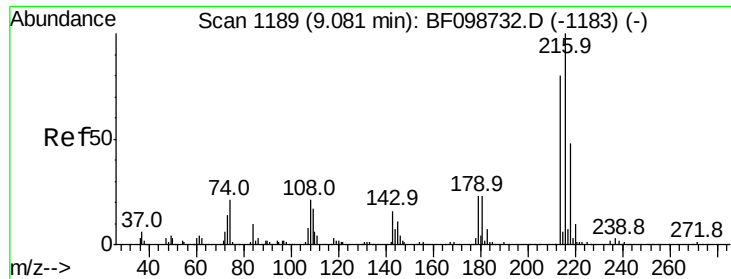
Sohil
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.5	86.1	129.1
160	45.1	38.3	57.5





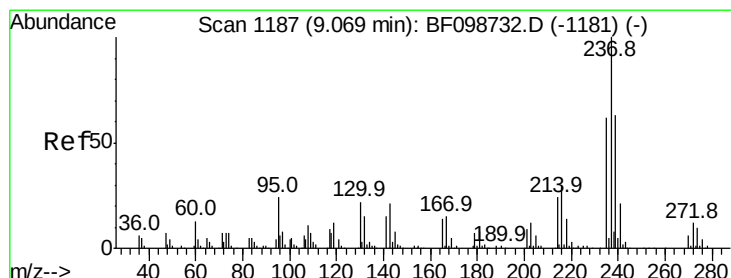
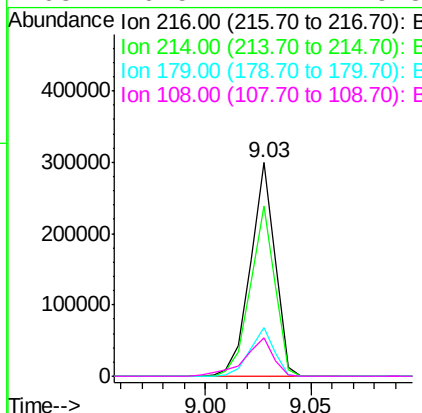
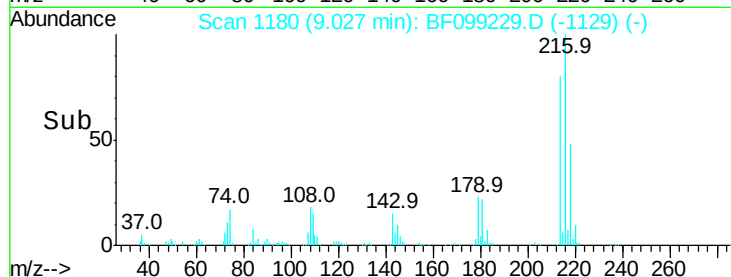
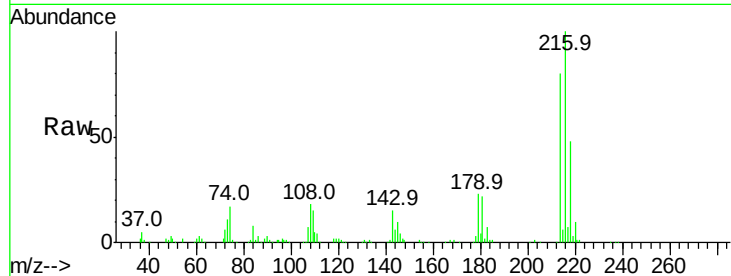
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.337 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion:	216	Resp:	244609
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.0	94.4
179	22.6	18.1	27.1
108	20.5	17.2	25.8

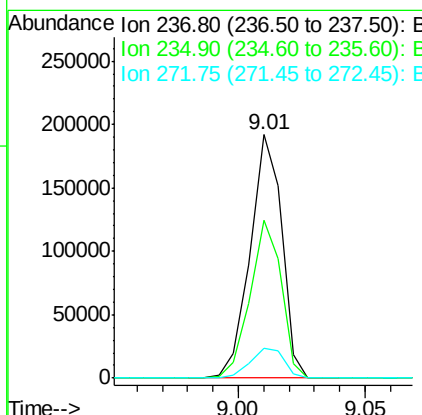
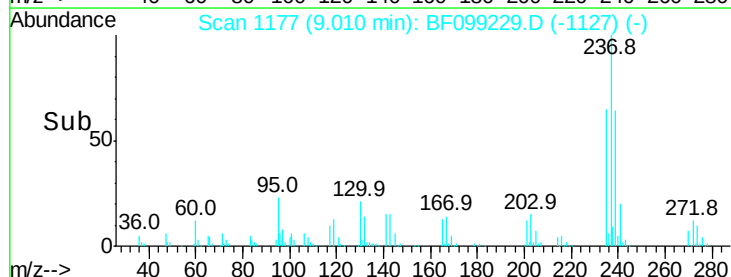
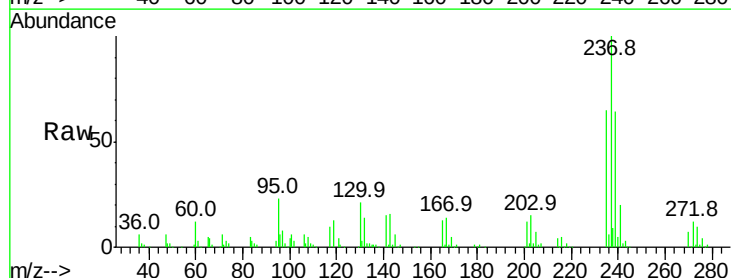
Manual Integrations
 APPROVED

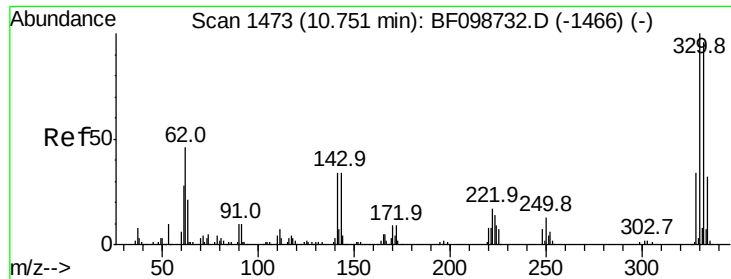
Sohil
 10/9/2017 6:35:56 PM



#40
 Hexachlorocyclopentadiene
 Concen: 57.450 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:	237	Resp:	167517
Ion Ratio	Lower	Upper	
237	100		
235	64.7	44.8	84.8
272	12.3	0.0	33.3





#41

2,4,6-Tribromophenol

Concen: 89.732 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

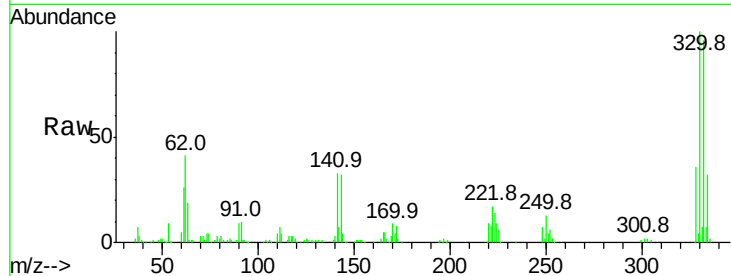
ClientSampleId :

PB102980BSD

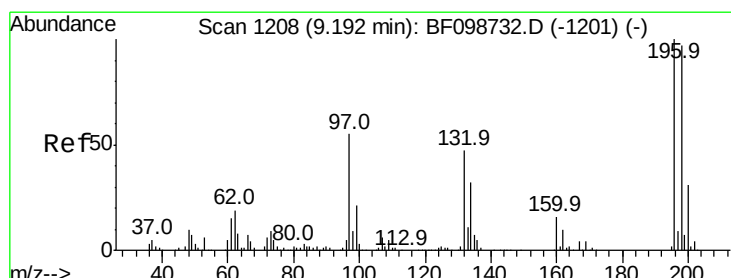
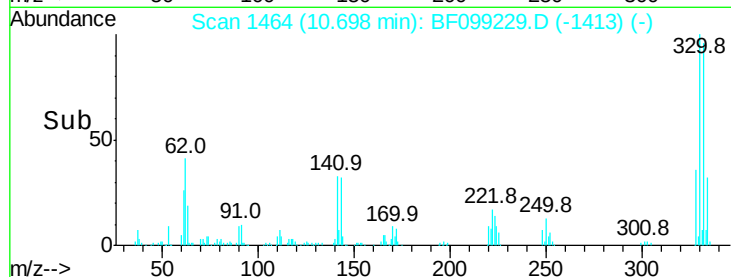
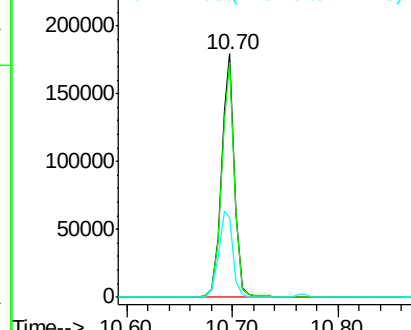
Tot Ion:	330	Resp:	157091
Ion Ratio	Lower	Upper	
330	100		
332	95.3	77.0	115.6
141	39.0	29.9	44.9

Manual Integrations
APPROVED

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10/9/2017 6:35:56 PM



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: 38.078 ng

RT: 9.14 min Scan# 1199

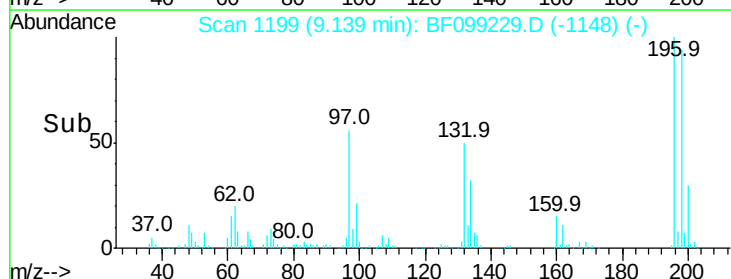
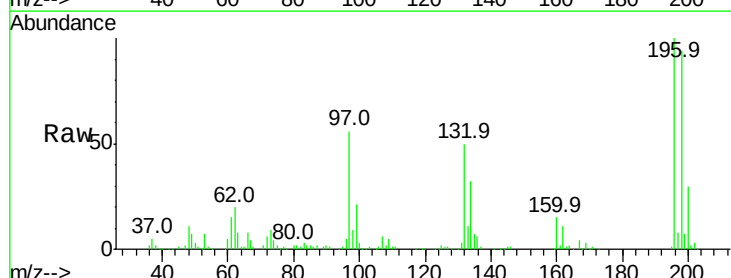
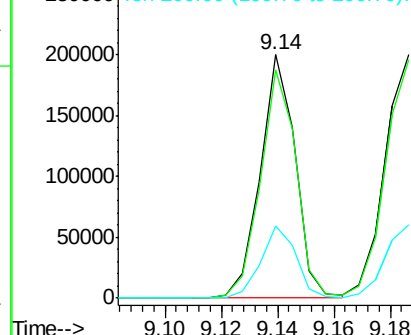
Delta R.T. -0.00 min

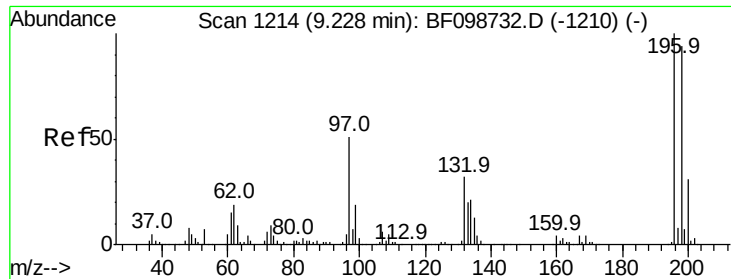
Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:	196	Resp:	172117
Ion Ratio	Lower	Upper	
196	100		
198	93.7	75.7	113.5
200	29.8	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





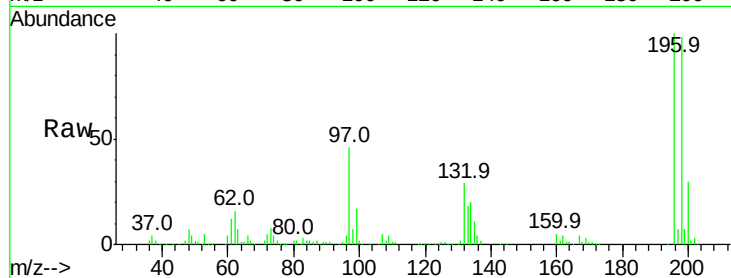
#43
 2,4,5-Trichlorophenol
 Concen: 40.836 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion:	196	Resp:	184263
Ion Ratio	Lower	Upper	
196	100		
198	97.8	74.6	112.0
97	45.8	42.9	64.3
132	29.1	26.3	39.5

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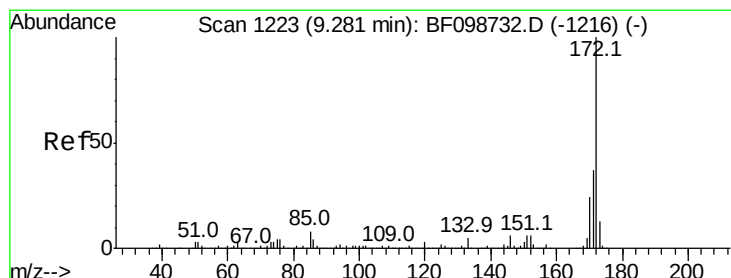
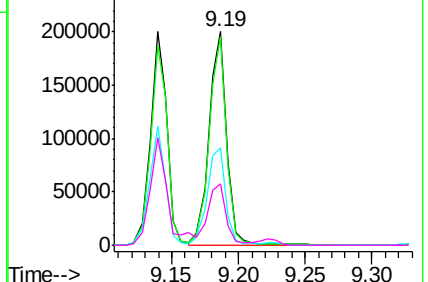
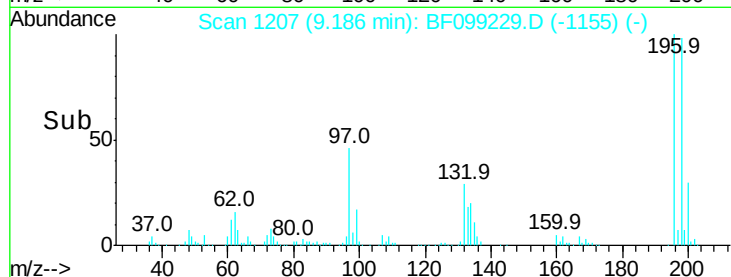
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

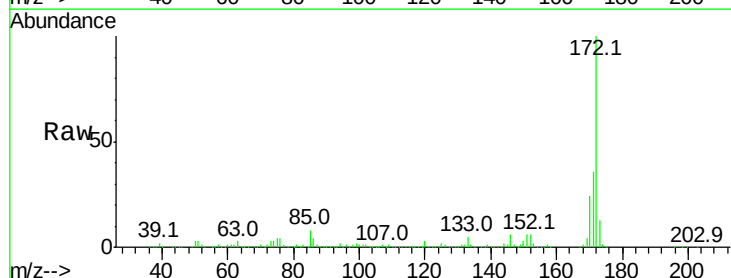
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 89.669 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion:	172	Resp:	1149178
Ion Ratio	Lower	Upper	
172	100		
171	35.8	29.7	44.5
170	24.0	19.6	29.4

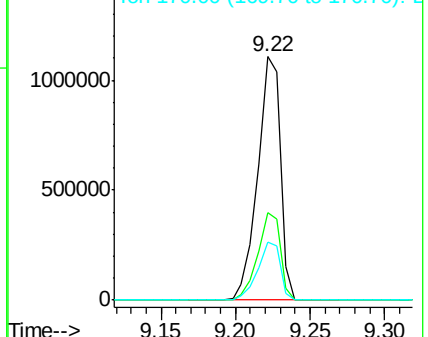
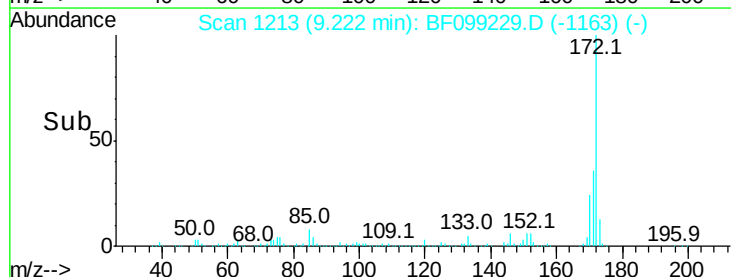


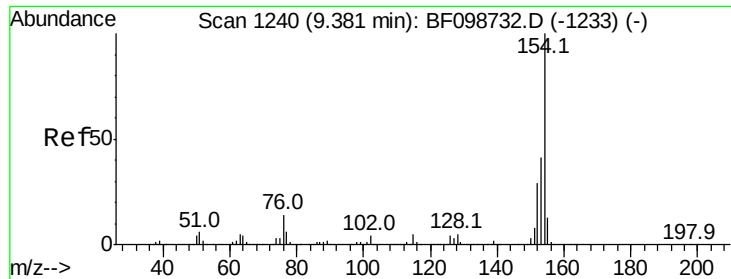
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 38.911 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

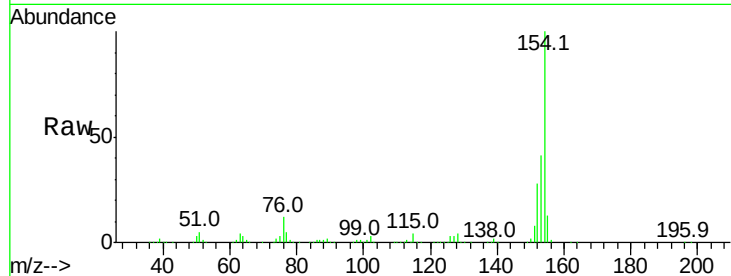
ClientSampled :

PB102980BSD

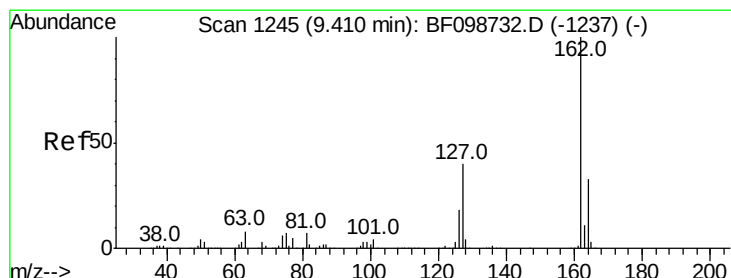
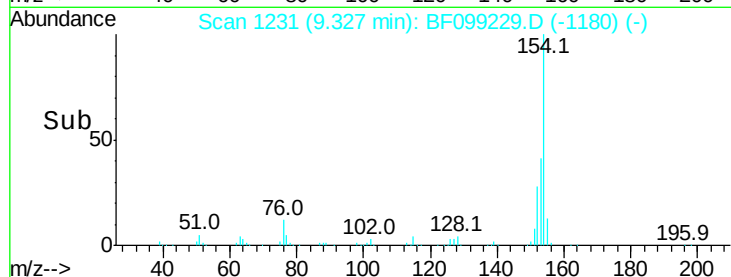
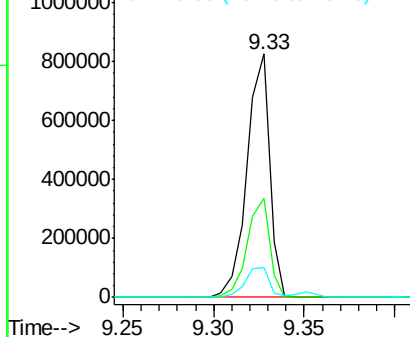
Tot Ion:	154	Resp:	715485
Ion Ratio	Lower	Upper	
154	100		
153	40.9	21.3	61.3
76	12.1	0.0	34.0

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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): BF0



#46

2-Chloronaphthalene

Concen: 40.685 ng

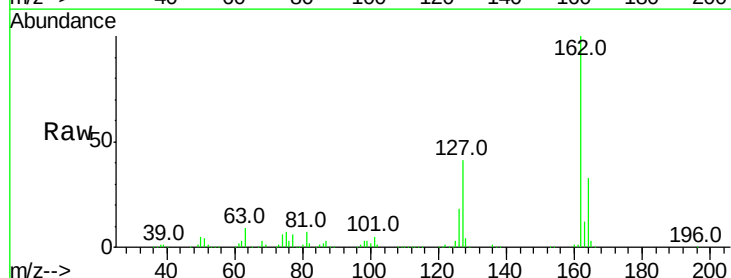
RT: 9.35 min Scan# 1235

Delta R.T. -0.01 min

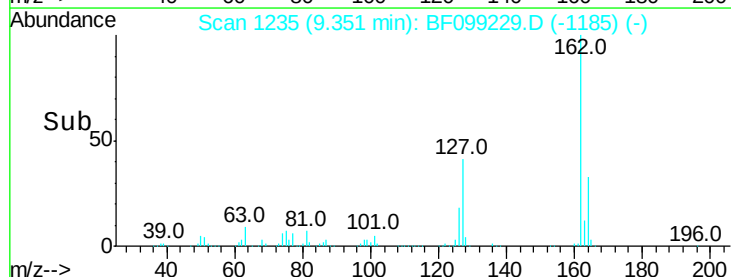
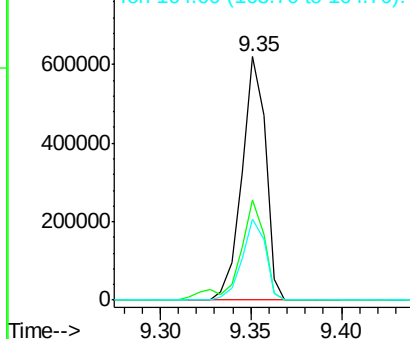
Lab File: BF099229.D

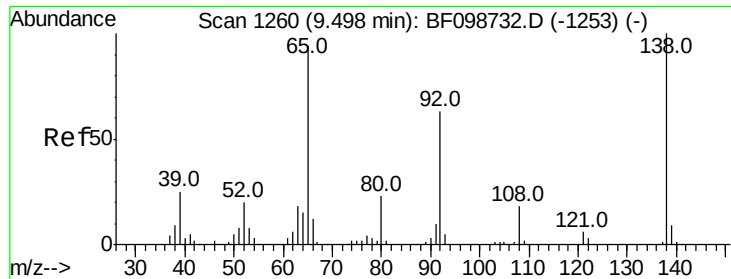
Acq: 8 Oct 2017 13:45

Tgt Ion:	162	Resp:	561688
Ion Ratio	Lower	Upper	
162	100		
127	41.0	33.9	50.9
164	33.1	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





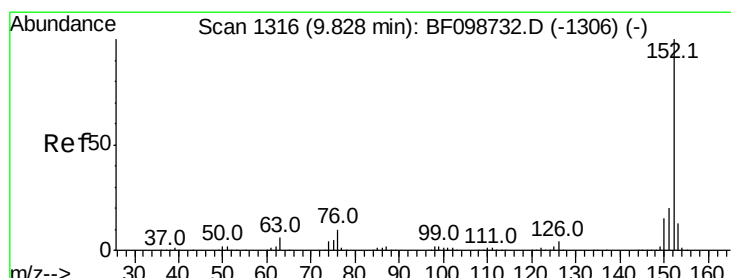
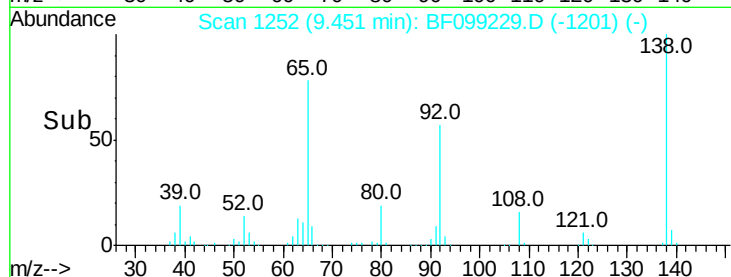
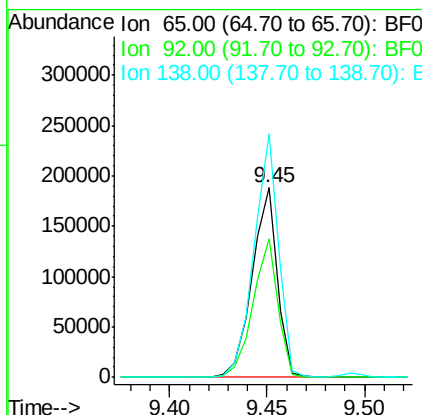
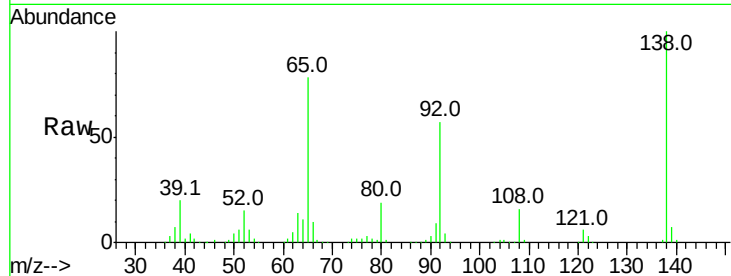
#47
2-Nitroaniline
Concen: 39.737 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.4	55.8	83.6
138	128.4	91.2	136.8

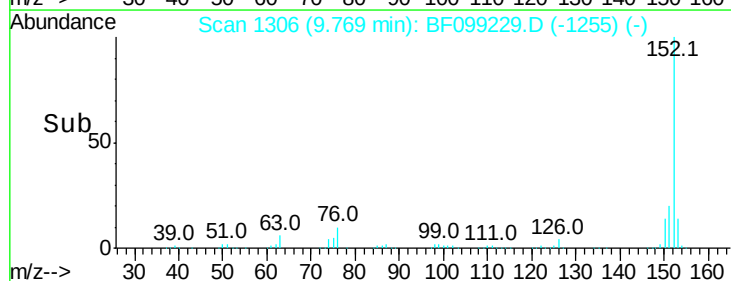
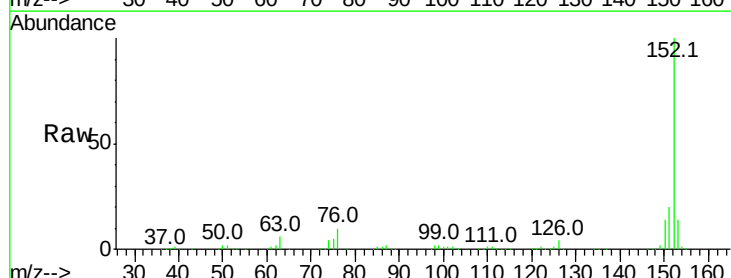
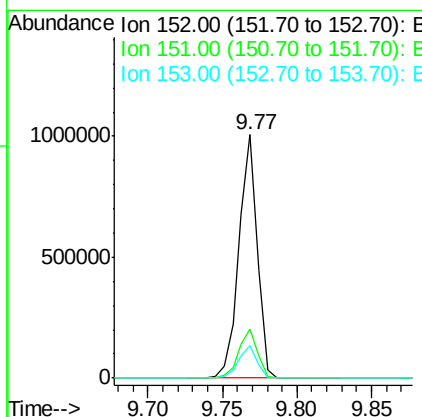
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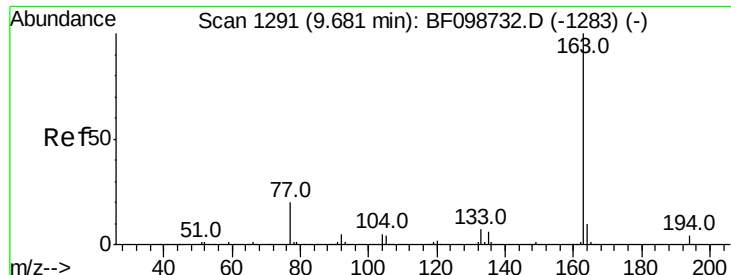
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#48
Acenaphthylene
Concen: 40.914 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.5	10.7	16.1





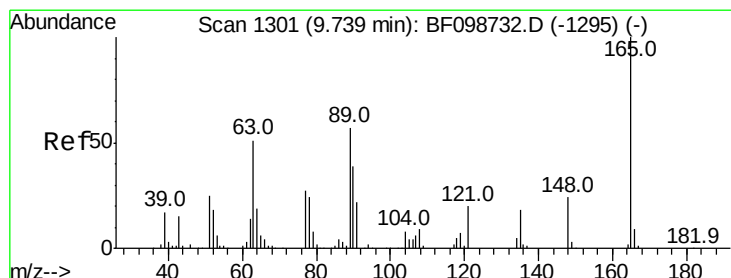
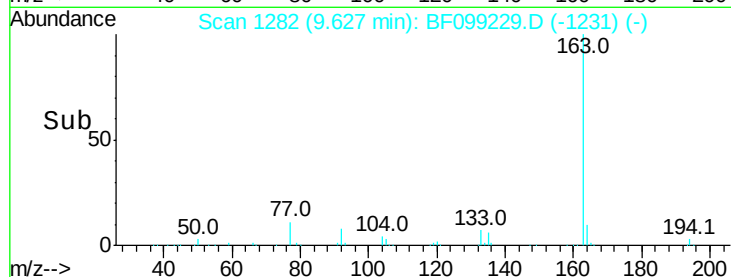
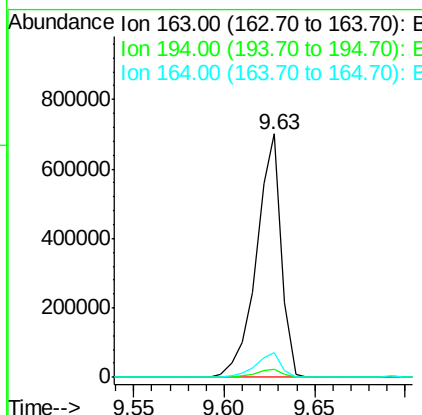
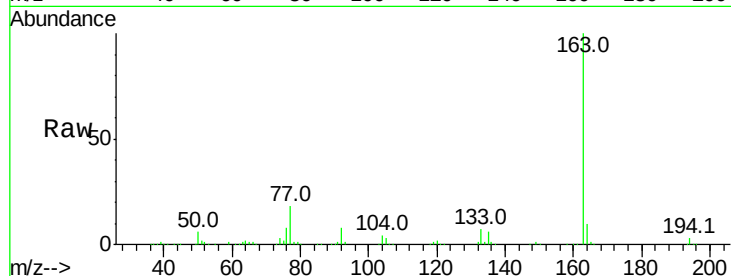
#49
 Dimethylphthalate
 Concen: 41.085 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

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

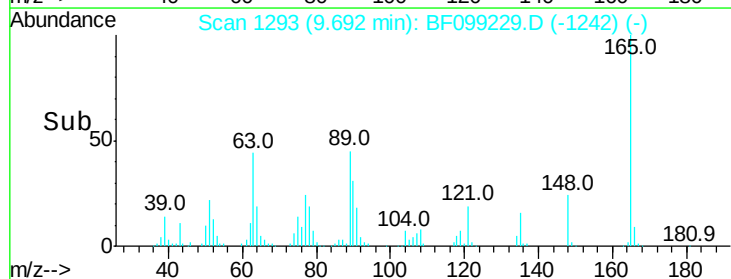
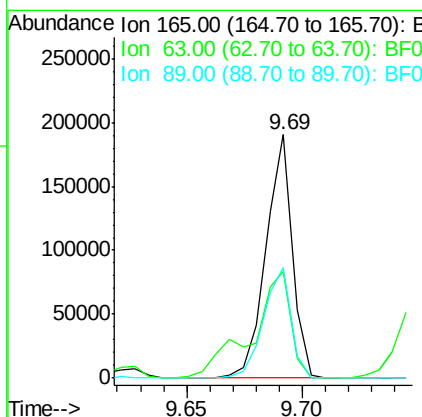
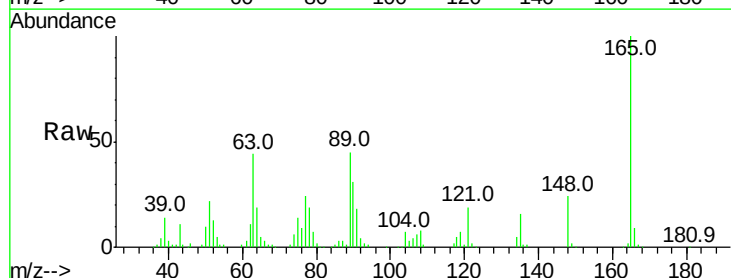
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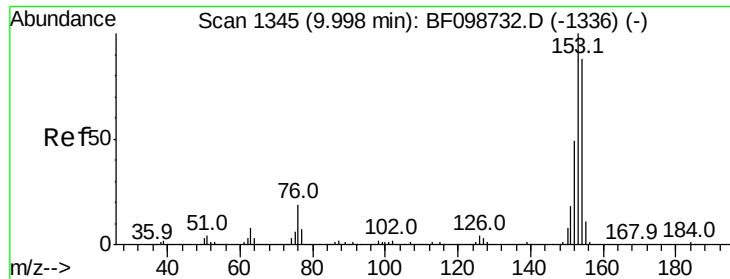
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#50
 2,6-Dinitrotoluene
 Concen: 43.073 ng
 RT: 9.69 min Scan# 1293
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	43.8	44.7	67.1#	
89	45.5	44.0	66.0	





#51

Acenaphthene

Concen: 37.451 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

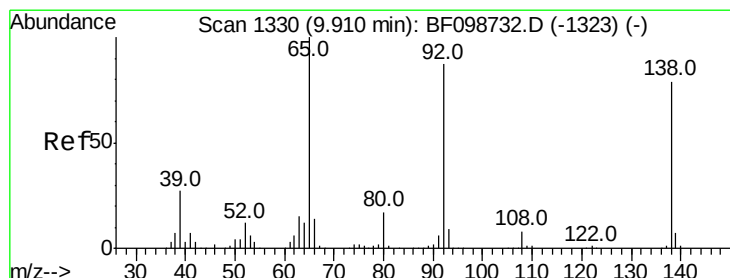
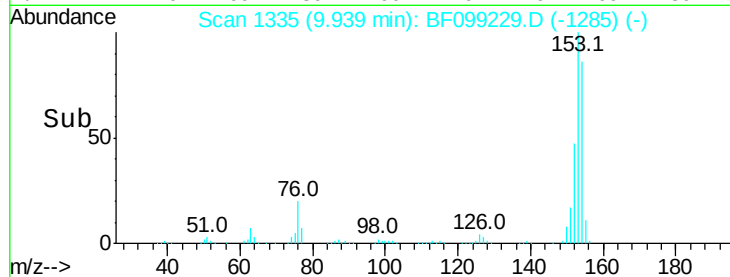
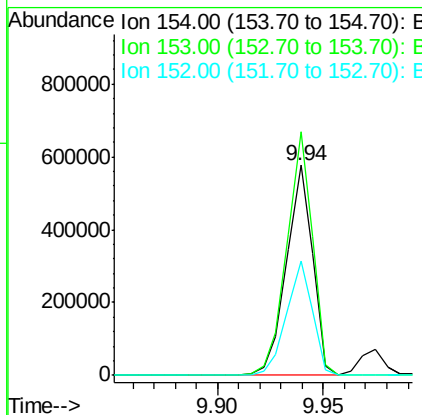
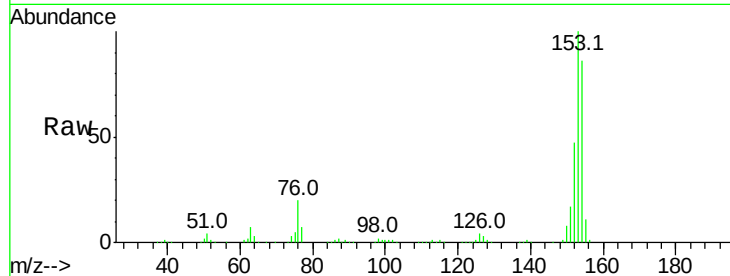
ClientSampleId :

PB102980BSD

Tot Ion:	154	Resp:	501375
Ion Ratio	Lower	Upper	
154	100		
153	116.0	91.2	136.8
152	54.7	43.8	65.8

Manual Integrations
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#52

3-Nitroaniline

Concen: 32.969 ng

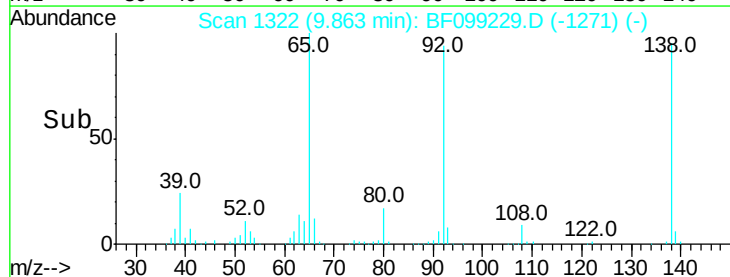
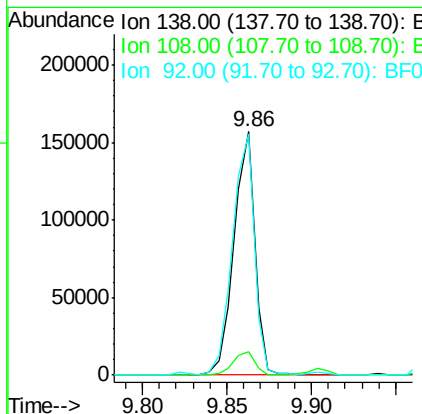
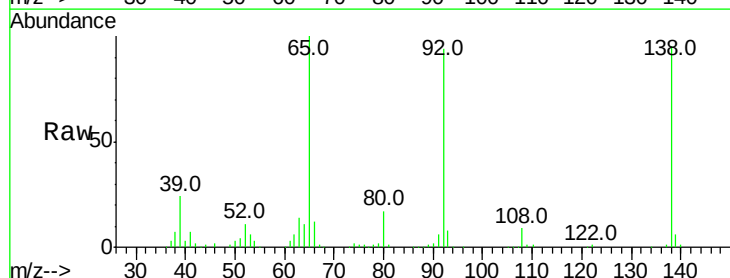
RT: 9.86 min Scan# 1322

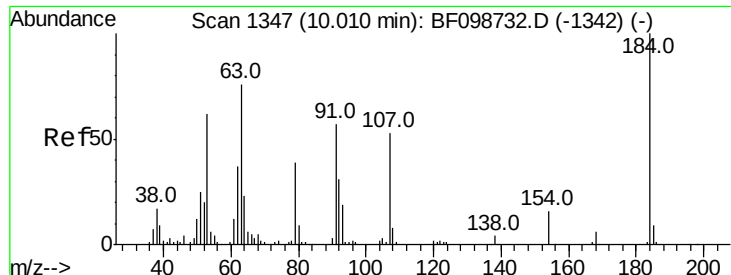
Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:	138	Resp:	135140
Ion Ratio	Lower	Upper	
138	100		
108	9.9	9.4	14.0
92	99.0	89.4	134.2





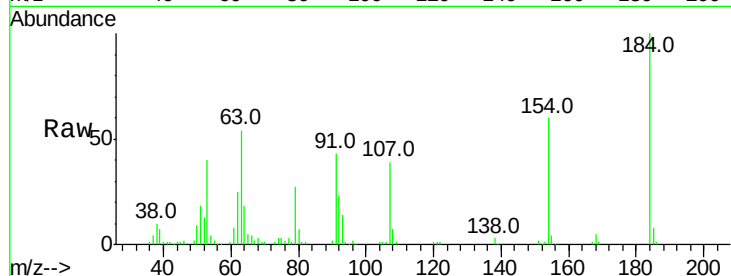
#53
2,4-Dinitrophenol
Concen: 56.438 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.7	54.2	81.2#	
154	59.7	53.5	80.3	

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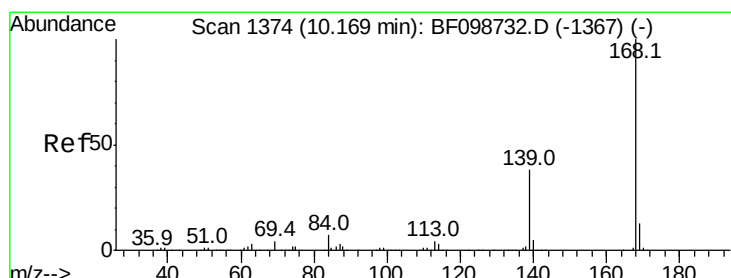
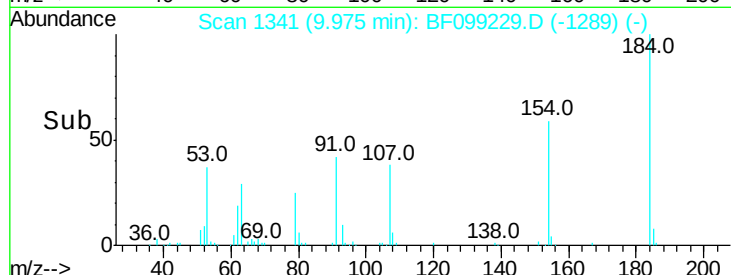
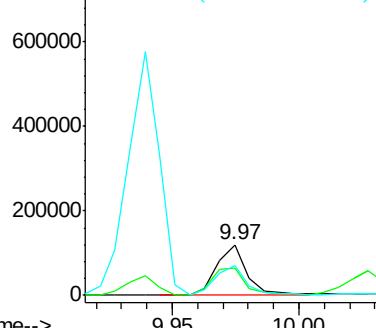


Abundance

Ion 184.00 (183.70 to 184.70): E

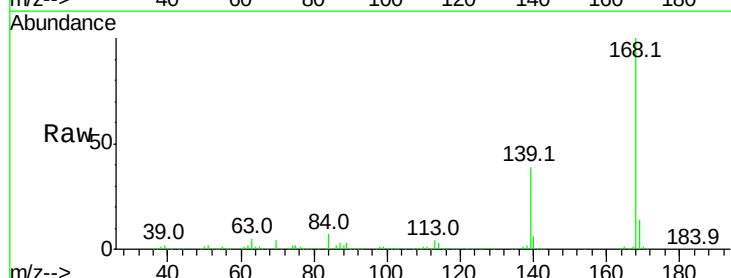
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54
Dibenzofuran
Concen: 43.057 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.5	30.1	45.1	
169	14.0	10.9	16.3	

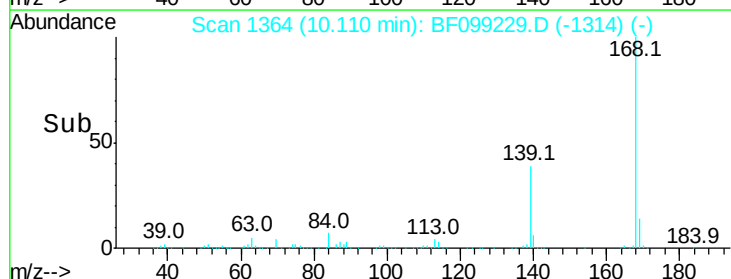
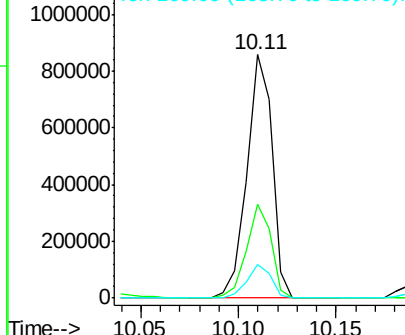


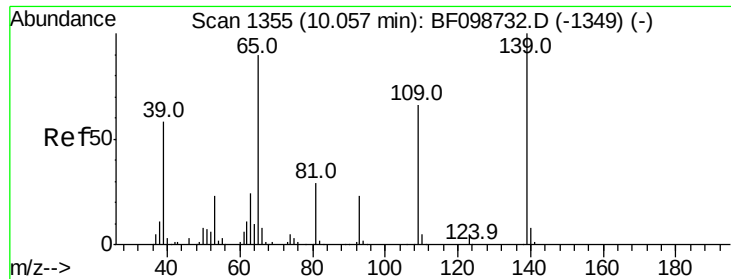
Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





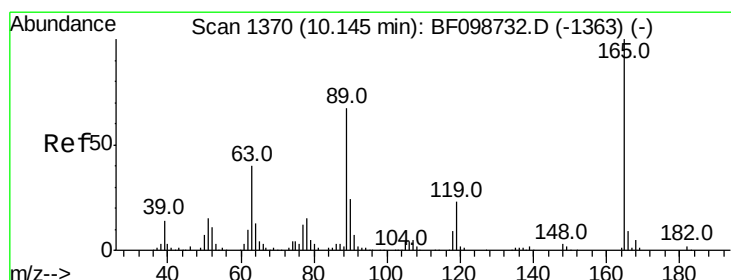
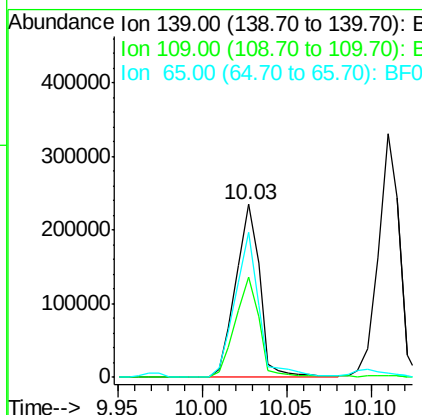
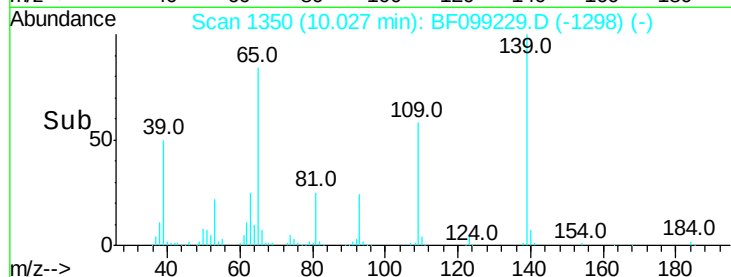
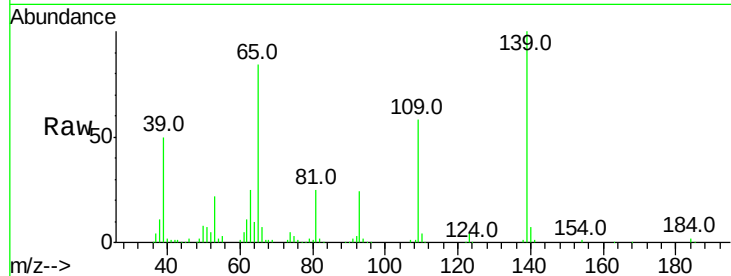
#55
4-Nitrophenol
Concen: 68.036 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	235812		
109	57.7	48.4	88.4	
65	83.6	72.6	112.6	

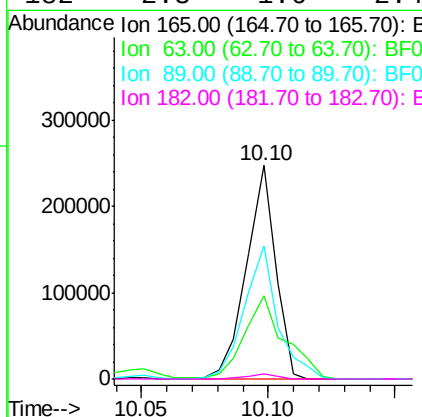
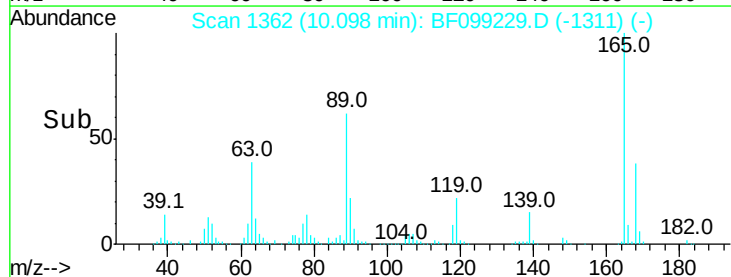
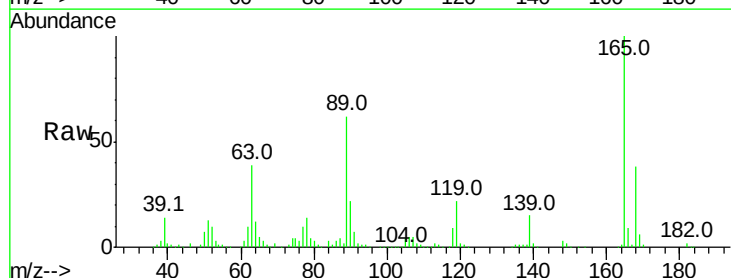
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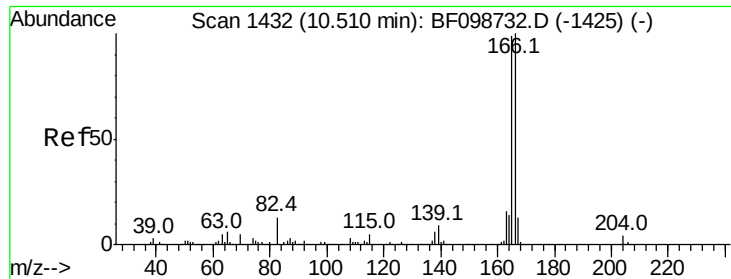
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#56
2,4-Dinitrotoluene
Concen: 43.912 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	200345		
63	39.1	36.4	54.6	
89	62.1	57.8	86.6	
182	2.3	1.6	2.4	





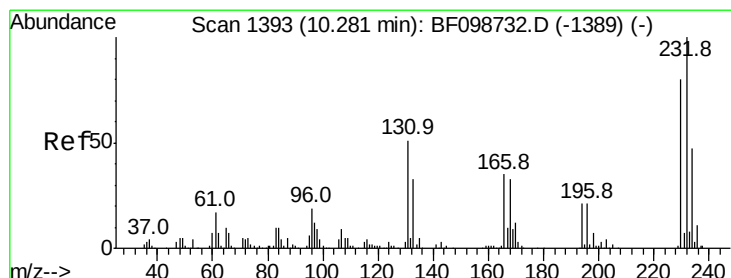
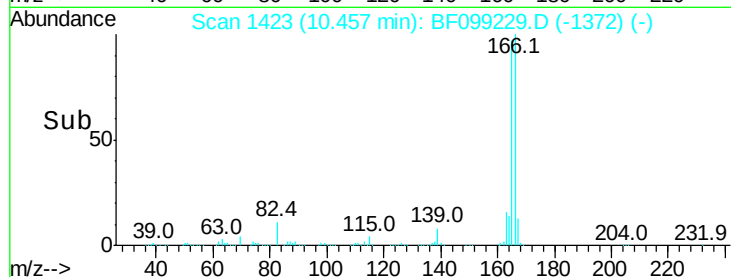
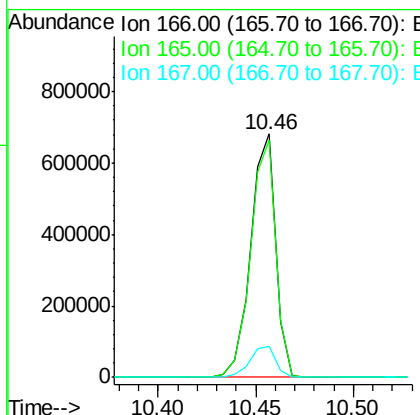
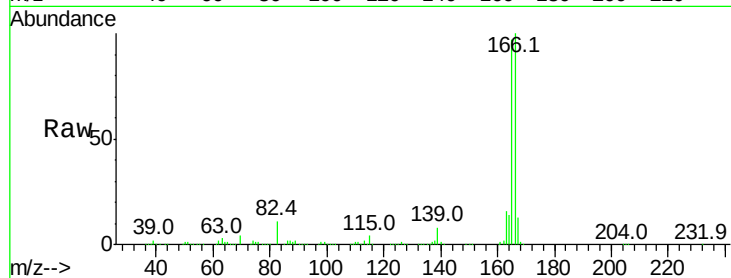
#57
 Fluorene
 Concen: 42.096 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.8	119.8
167	12.7	10.6	16.0

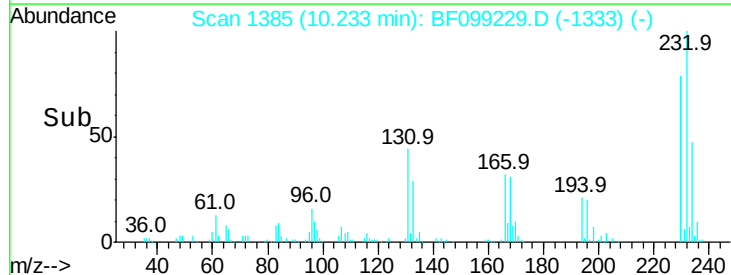
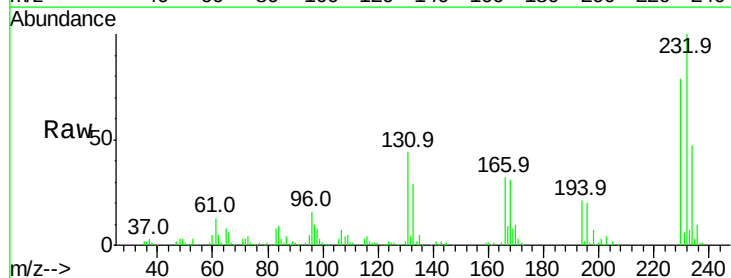
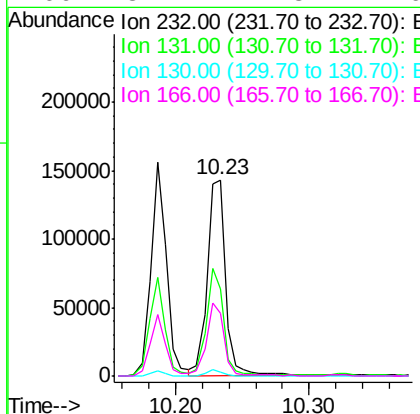
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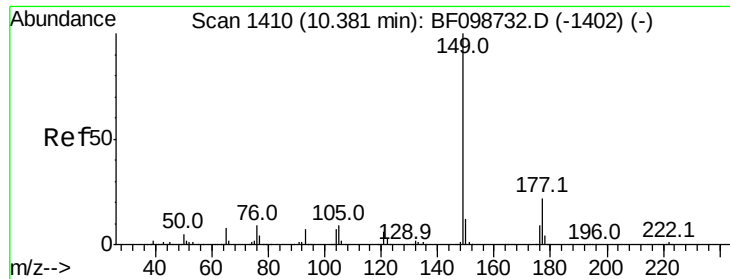
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.286 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. 0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
232	100		
131	50.3	43.8	65.8
130	2.4	2.1	3.1
166	34.7	27.8	41.6





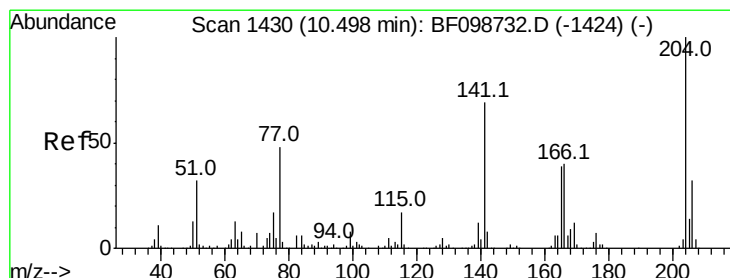
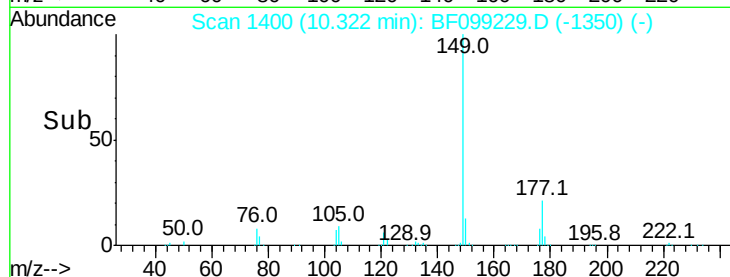
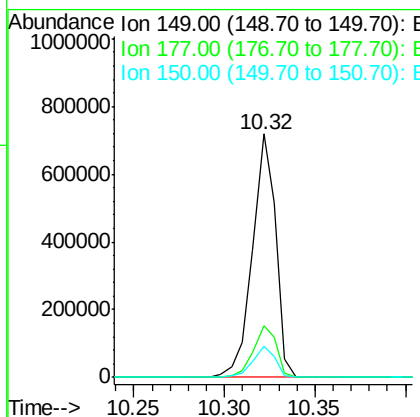
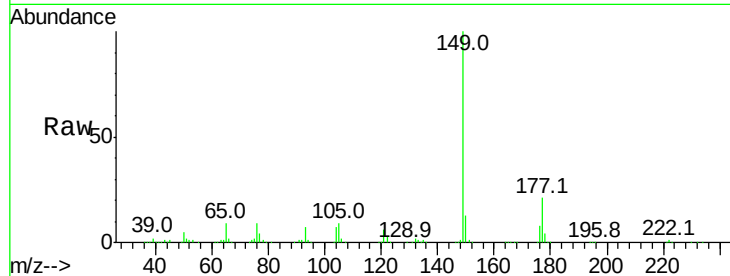
#59
Diethylphthalate
Concen: 40.407 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	637570		
177	21.4		16.1	24.1
150	13.0		10.1	15.1

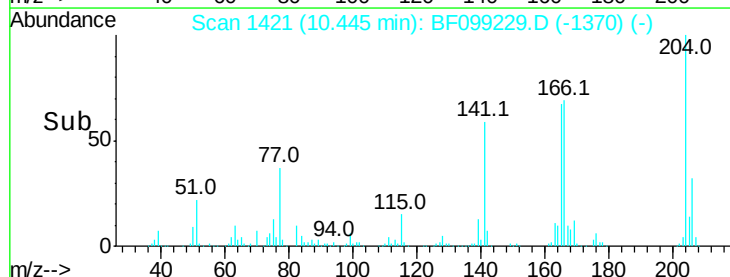
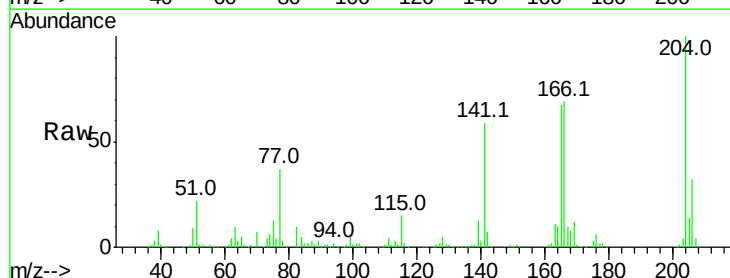
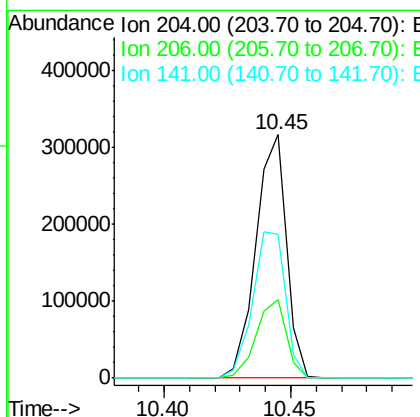
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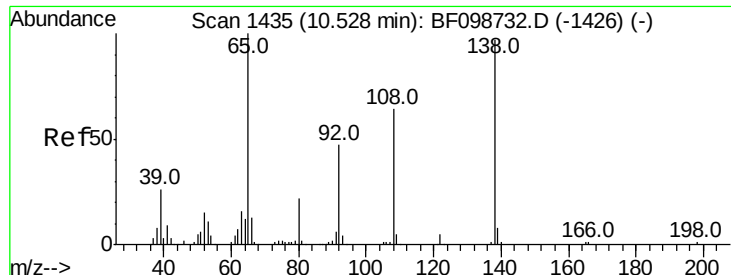
Sohil
10/9/2017 6:35:56 PM



#60
4-Chlorophenyl-phenylether
Concen: 41.611 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	267794		
206	32.3		26.5	39.7
141	59.2		54.6	81.8





#61

4-Nitroaniline

Concen: 44.529 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

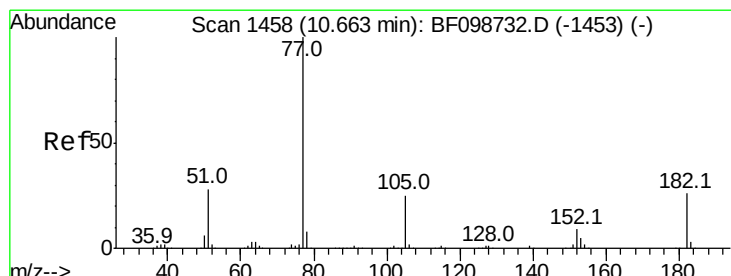
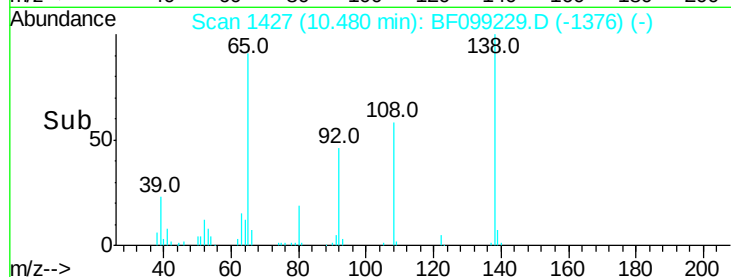
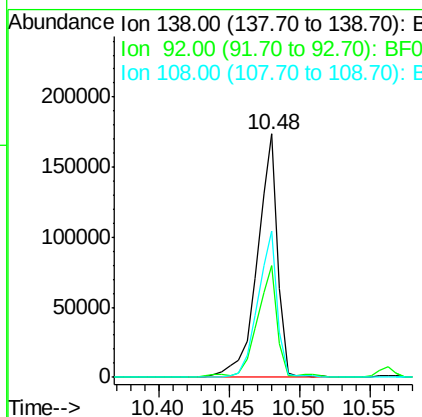
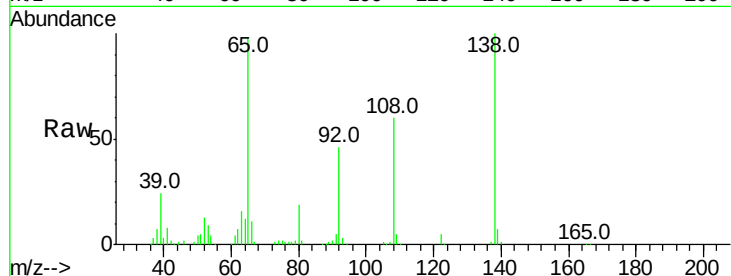
ClientSampleId :

PB102980BSD

Tot Ion:	138	Resp:	176094
Ion Ratio	Lower	Upper	
138	100		
92	46.2	30.2	70.2
108	60.1	52.5	92.5

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#62

Azobenzene

Concen: 41.341 ng

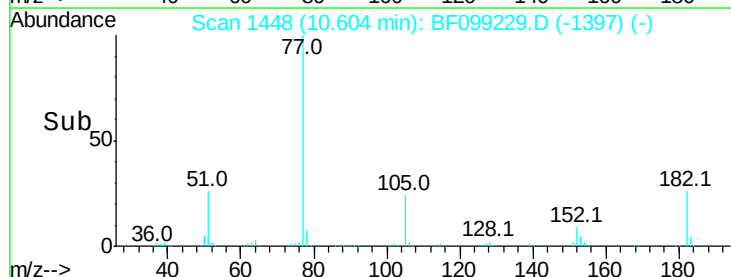
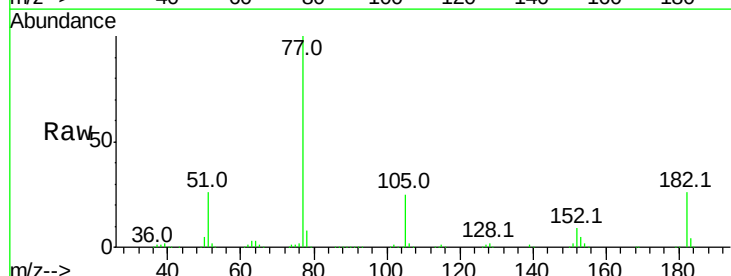
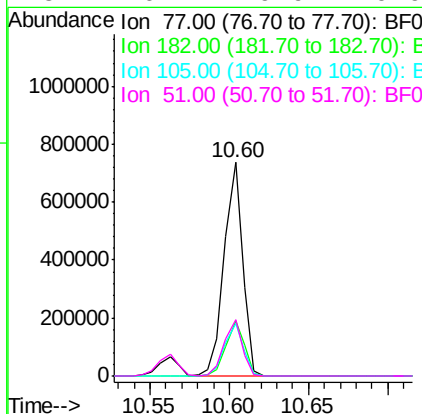
RT: 10.60 min Scan# 1448

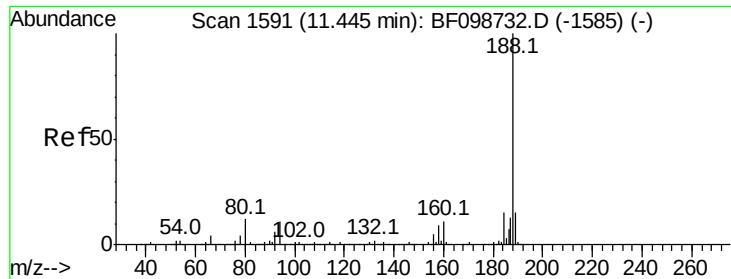
Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion:	77	Resp:	599778
Ion Ratio	Lower	Upper	
77	100		
182	25.5	1.7	41.7
105	24.7	3.0	43.0
51	26.4	9.9	49.9





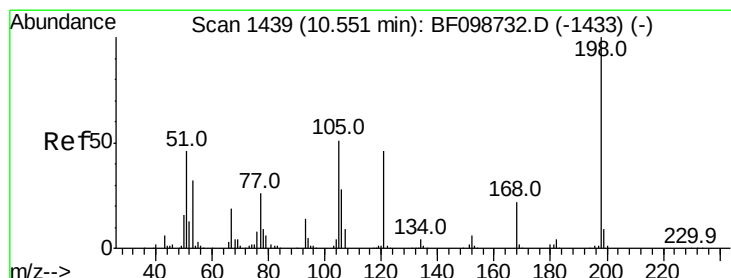
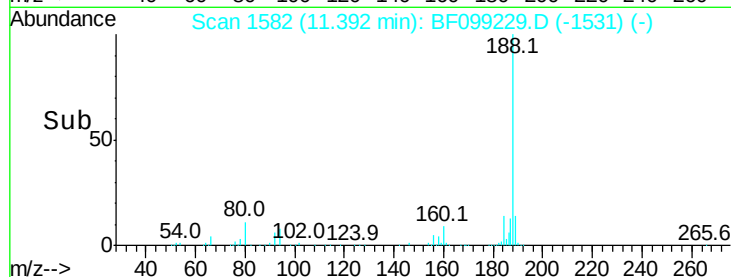
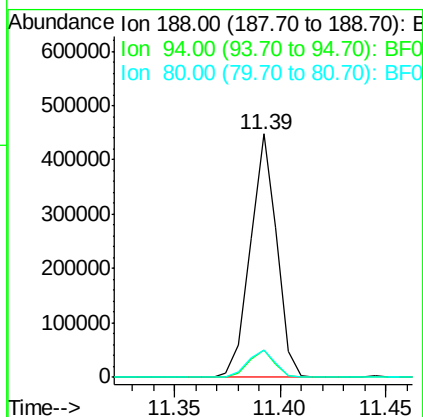
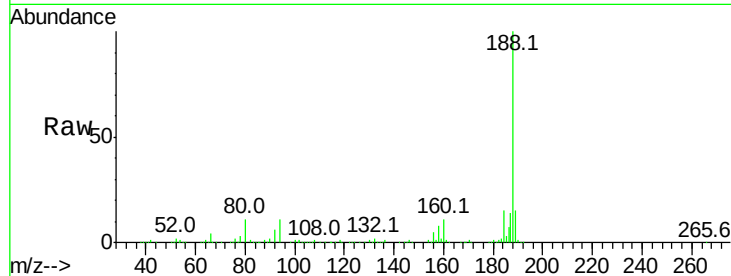
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	8.5	12.7
80	11.3	9.2	13.8

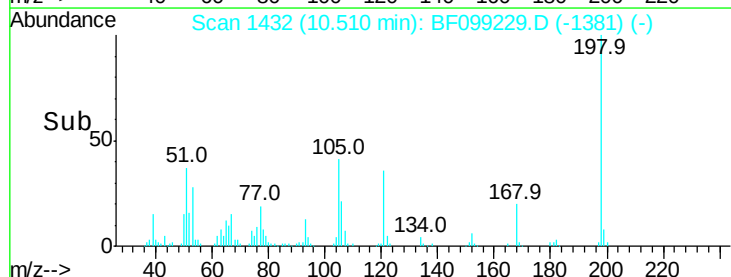
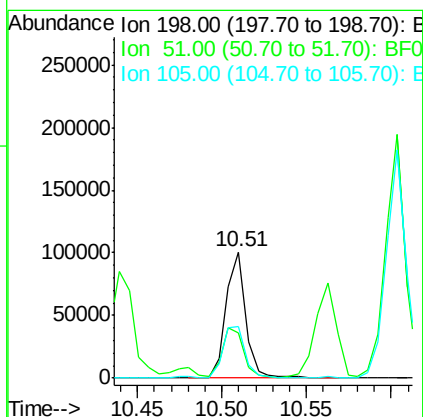
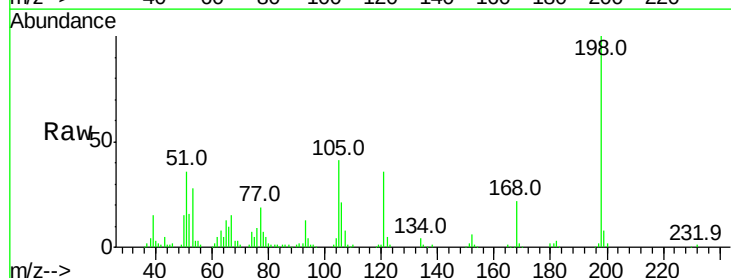
Manual Integrations
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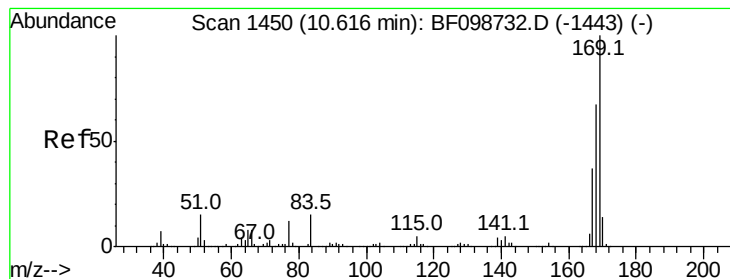
Sohil
10/9/2017 6:35:56 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 34.757 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	36.4	37.7	77.7#
105	41.2	36.3	76.3





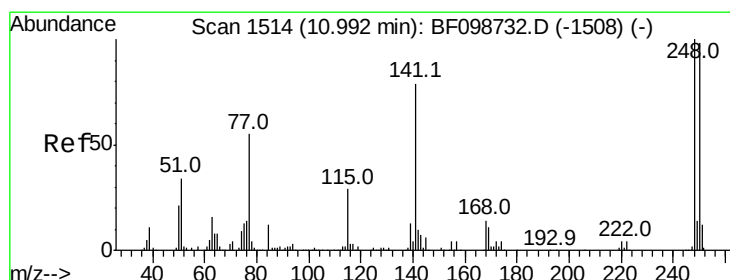
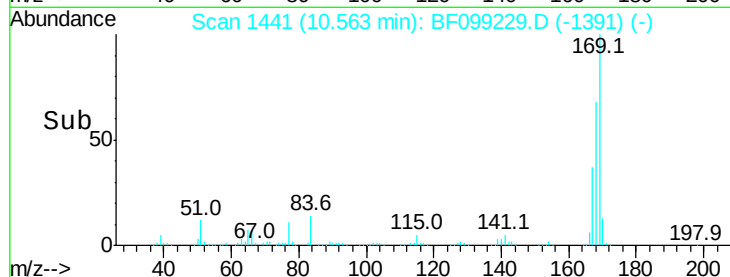
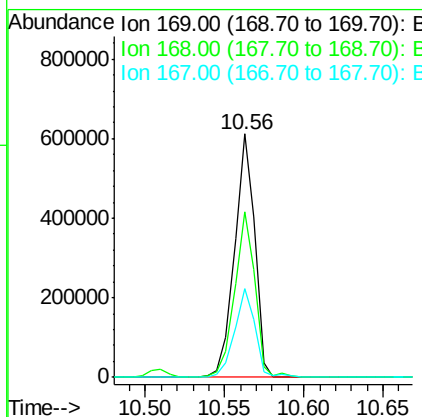
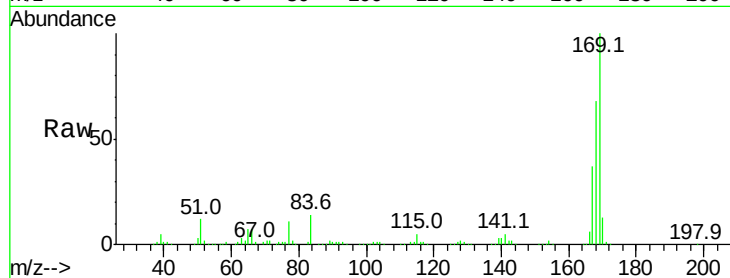
#65
 n-Nitrosodiphenylamine
 Concen: 40.196 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	539549		
168	68.2		54.4	81.6
167	36.5		29.8	44.6

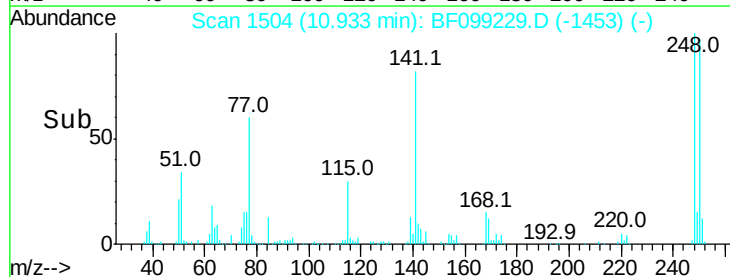
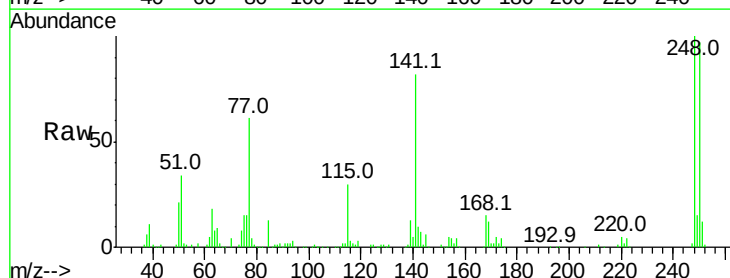
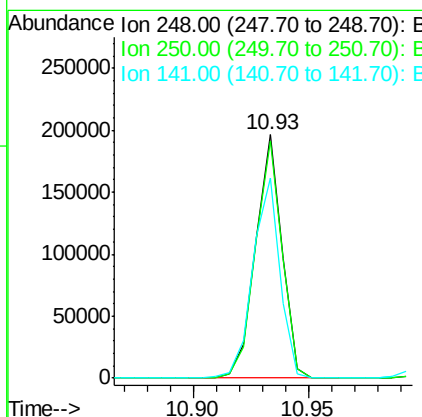
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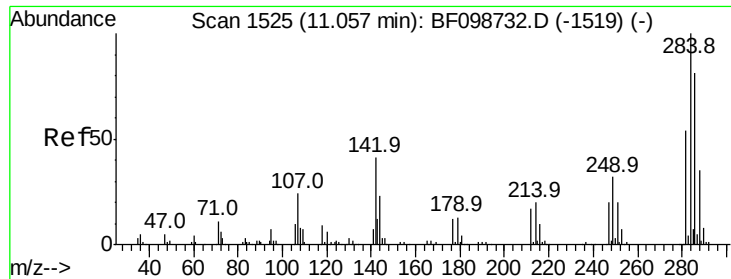
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 41.486 ng
 RT: 10.93 min Scan# 1504
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	157339		
250	97.5		76.9	115.3
141	82.0		74.4	111.6





#67

Hexachlorobenzene

Concen: 39.548 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

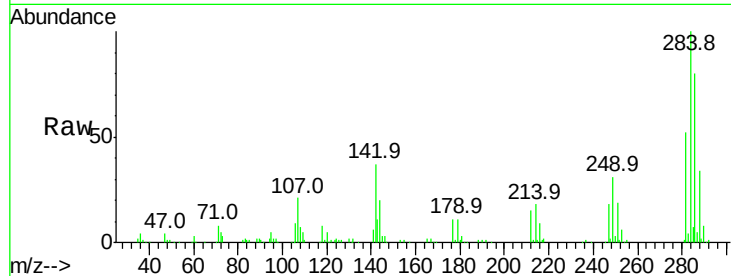
ClientSampleId :

PB102980BSD

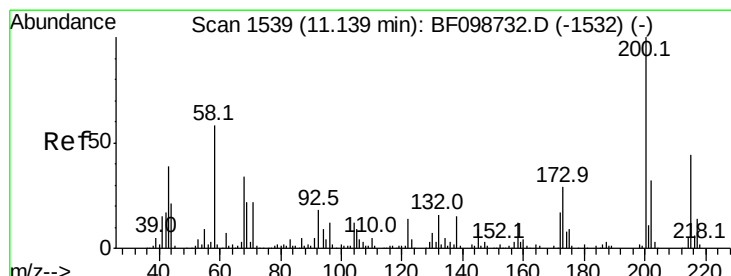
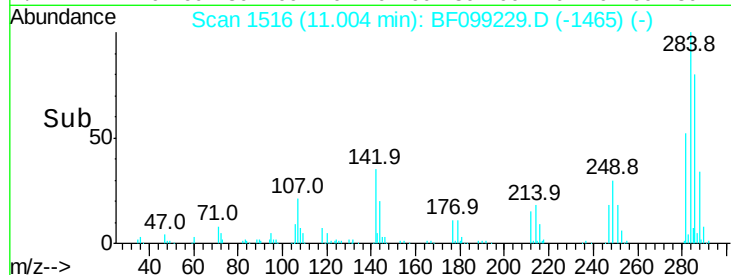
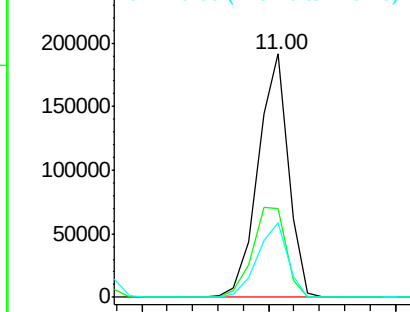
Tot Ion:	284	Resp:	160198
Ion Ratio	Lower	Upper	
284	100		
142	36.6	34.6	52.0
249	30.7	24.8	37.2

Manual Integrations
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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: 42.754 ng

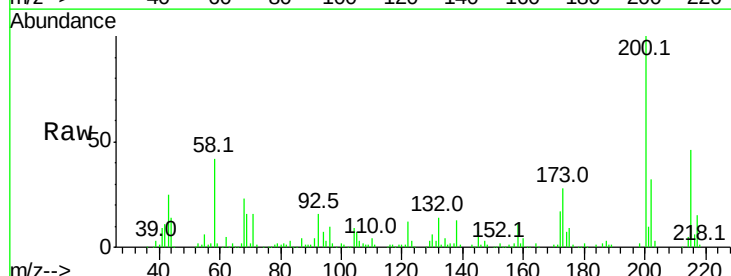
RT: 11.09 min Scan# 1531

Delta R.T. -0.00 min

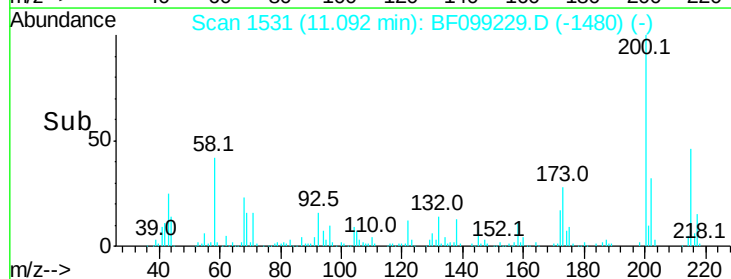
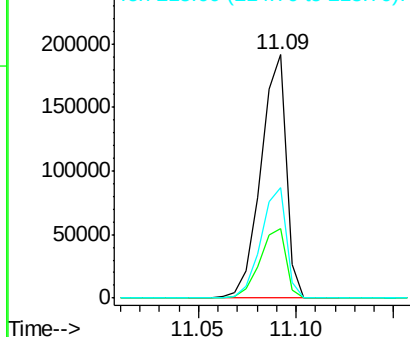
Lab File: BF099229.D

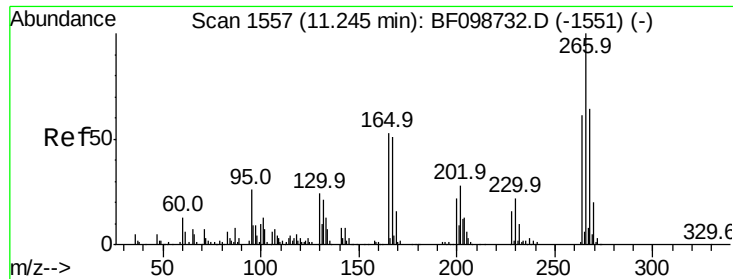
Acq: 8 Oct 2017 13:45

Tgt Ion:	200	Resp:	172662
Ion Ratio	Lower	Upper	
200	100		
173	28.3	8.6	48.6
215	45.6	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





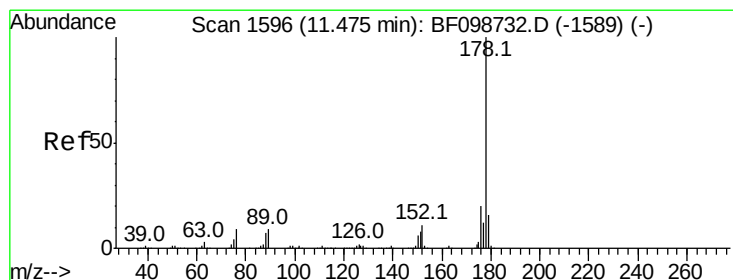
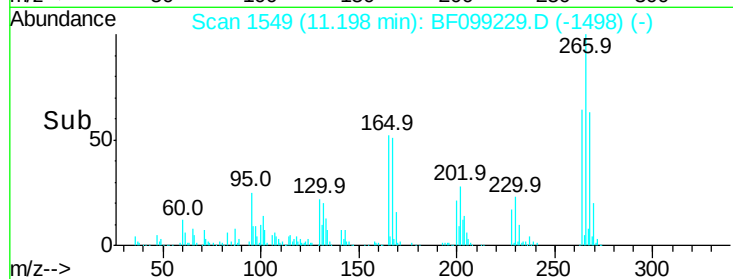
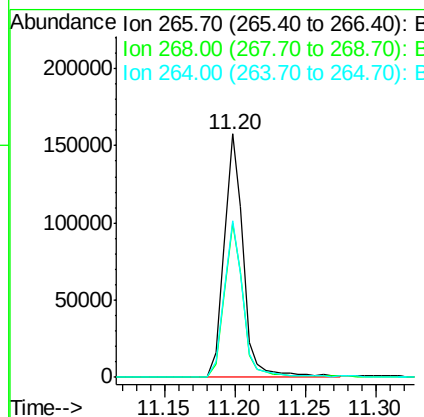
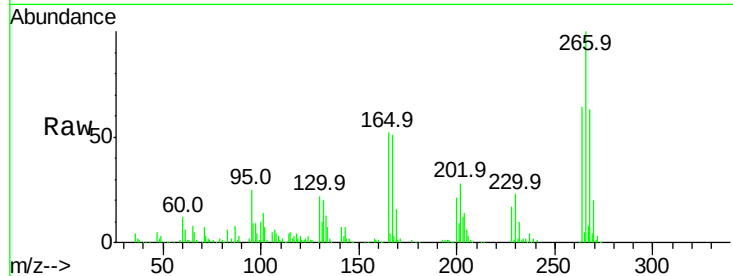
#69
 Pentachlorophenol
 Concen: 58.988 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	148707		
268	63.3	51.1	76.7	
264	64.3	49.5	74.3	

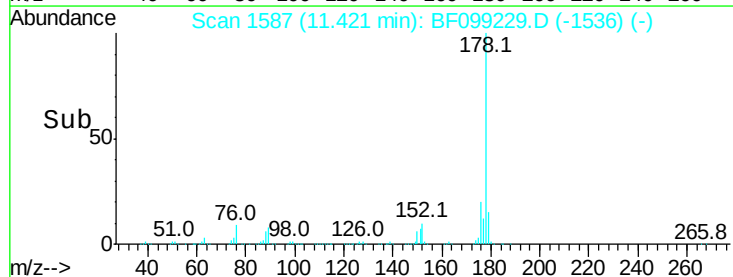
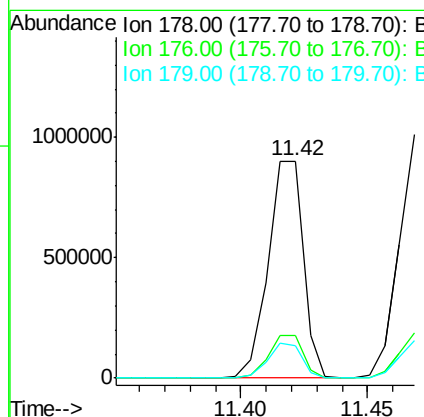
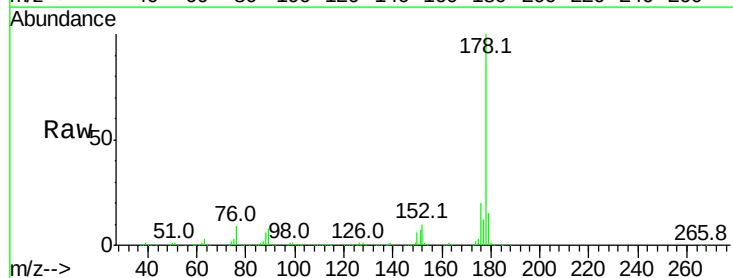
Manual Integrations
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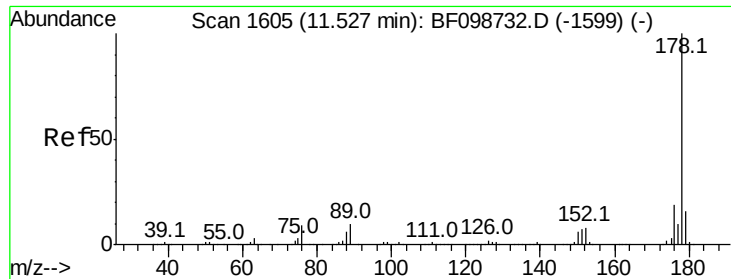
Sohil
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#70
 Phenanthrene
 Concen: 41.896 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	868920		
176	19.6	15.8	23.8	
179	15.1	13.0	19.6	





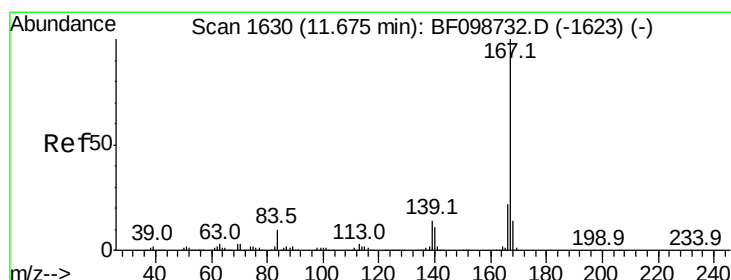
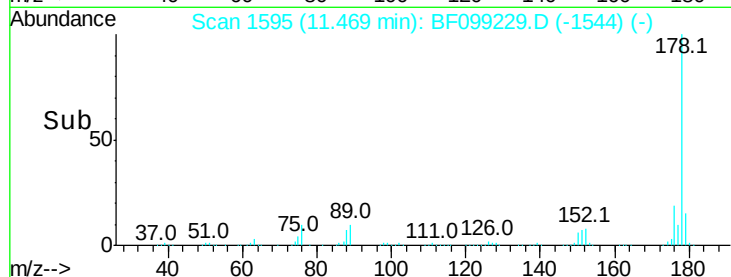
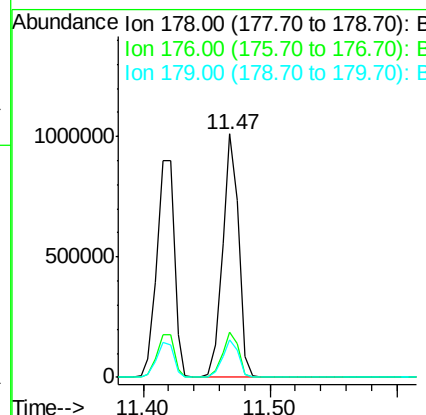
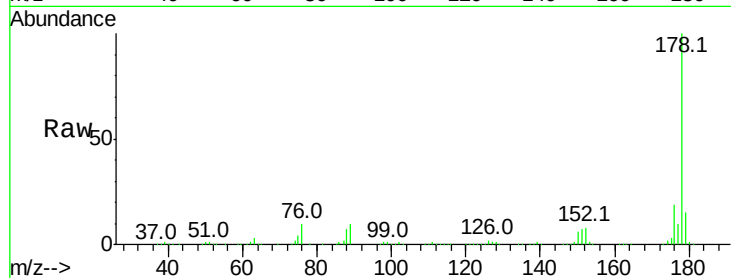
#71
 Anthracene
 Concen: 42.435 ng
 RT: 11.47 min Scan# 1595
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	15.5	12.6	19.0

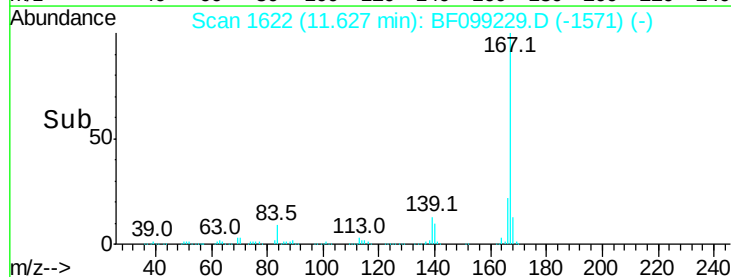
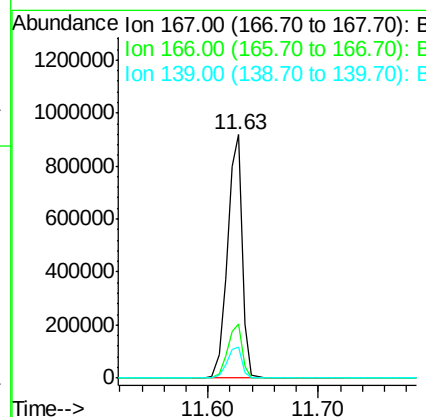
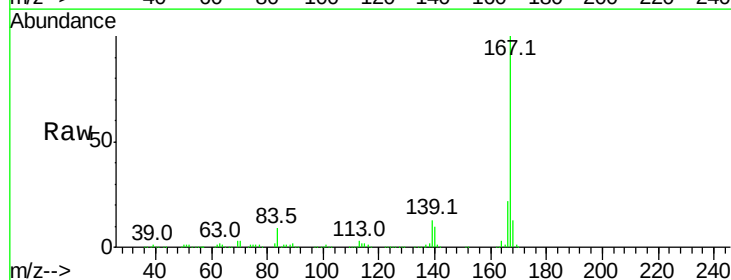
Manual Integrations
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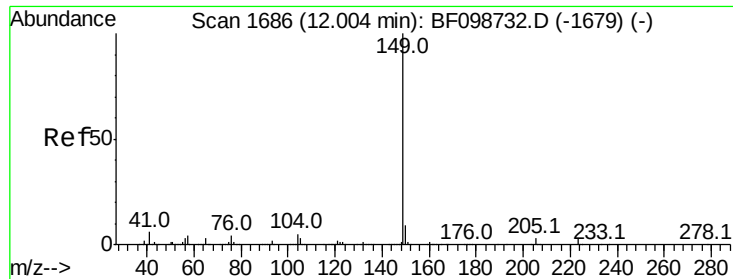
Sohil
 10/9/2017 6:35:56 PM



#72
 Carbazole
 Concen: 41.091 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.7	10.9	16.3





#73

Di-n-butylphthalate

Concen: 40.367 ng

RT: 11.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

ClientSampleId :

PB102980BSD

Tot Ion:149 Resp: 1009708

Ion Ratio Lower Upper

149 100

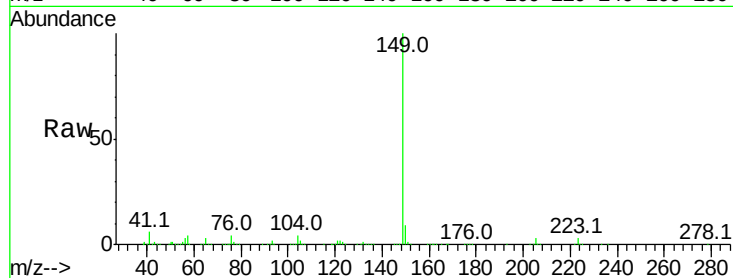
150 9.1 7.8 11.6

104 4.3 3.8 5.8

Manual Integrations
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Sohil

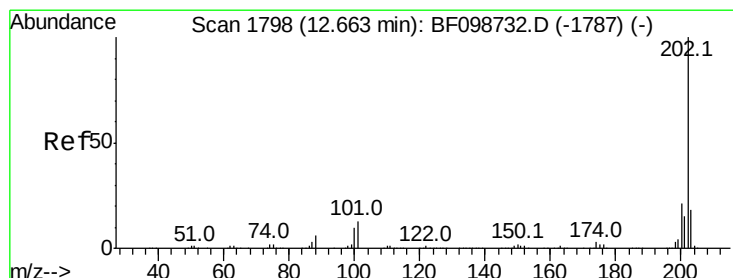
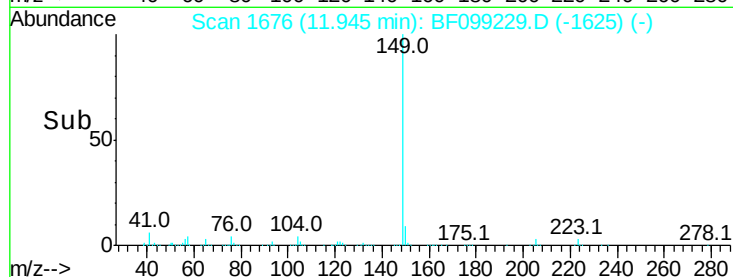
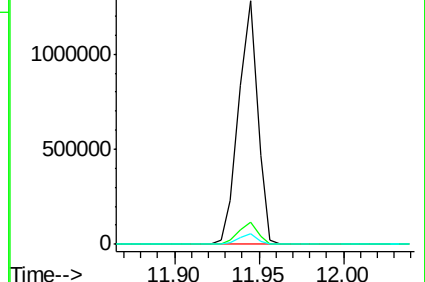
10/9/2017 6:35:56 PM



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: 42.805 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

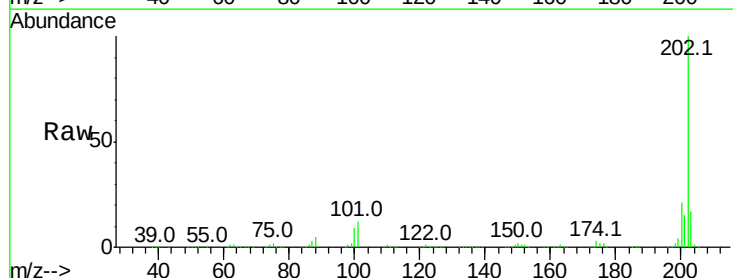
Tgt Ion:202 Resp: 898970

Ion Ratio Lower Upper

202 100

101 12.0 0.0 34.1

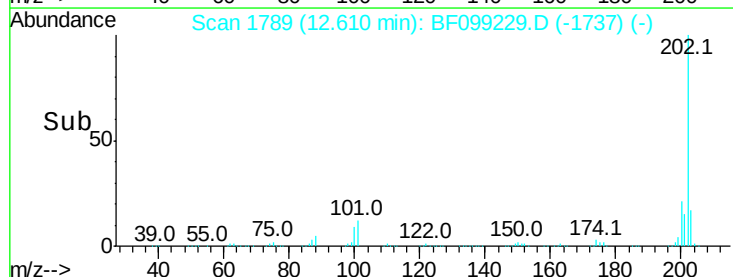
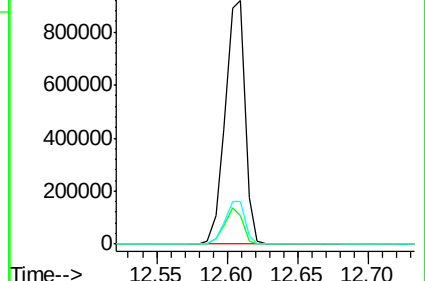
203 17.4 0.0 38.1

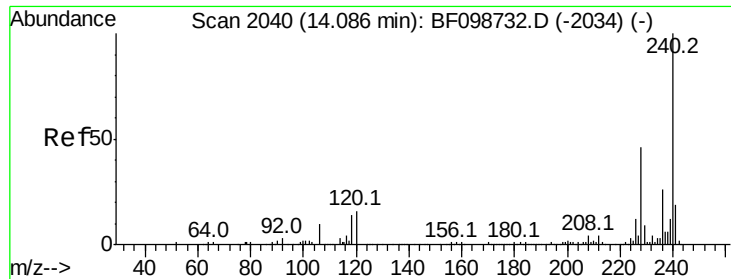


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.03 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

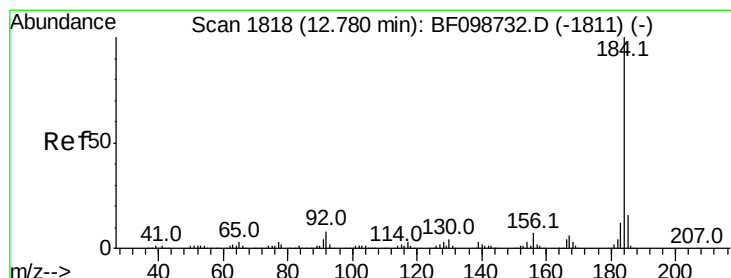
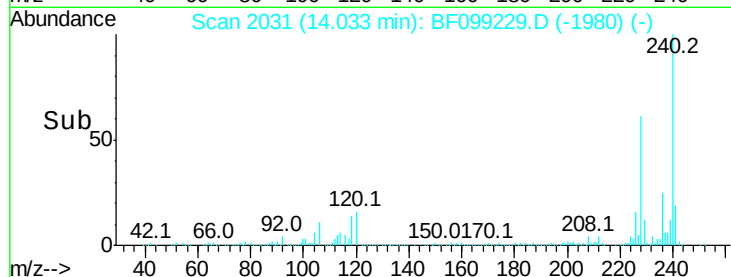
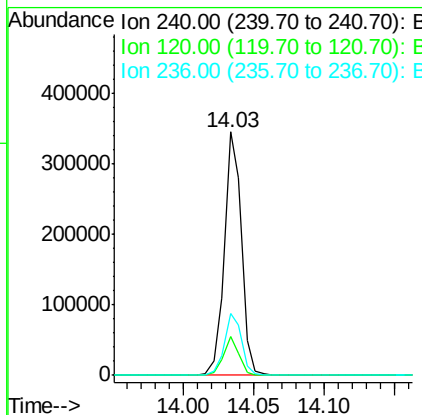
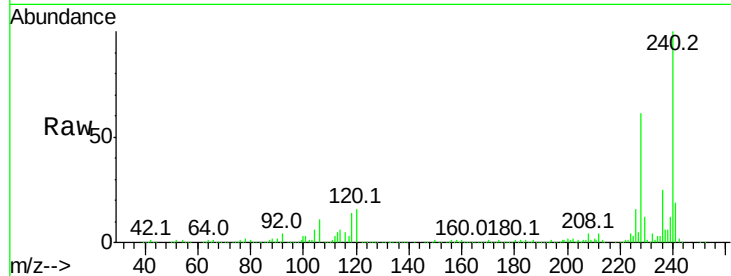
ClientSampleId :

PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	15.9	9.5	14.3	
236	25.2	20.7	31.1	

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#76

Benzidine

Concen: 44.254 ng

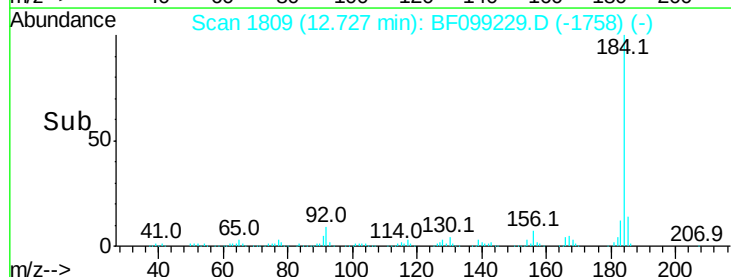
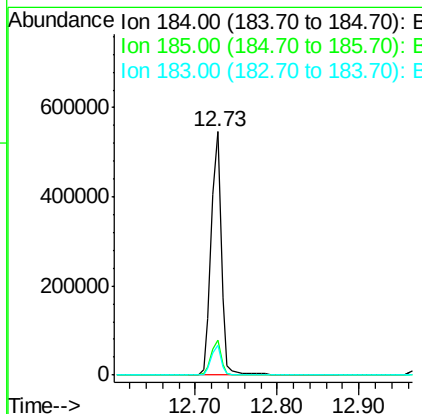
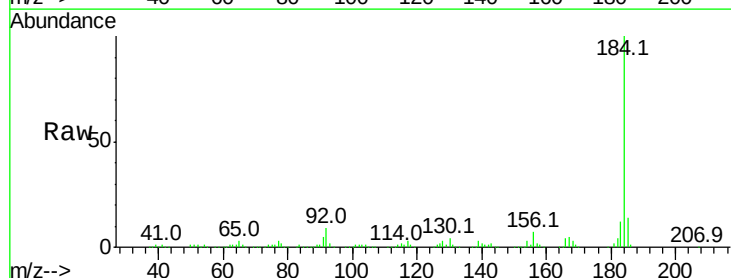
RT: 12.73 min Scan# 1809

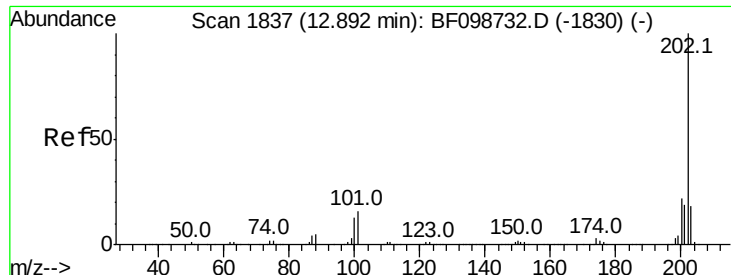
Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.3	12.6	18.8	
183	12.1	9.3	13.9	





#77

Pvrene

Concen: 41.722 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

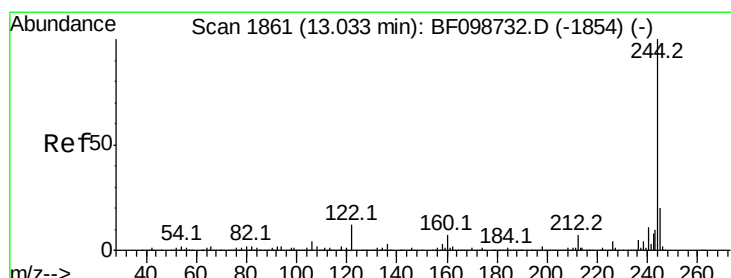
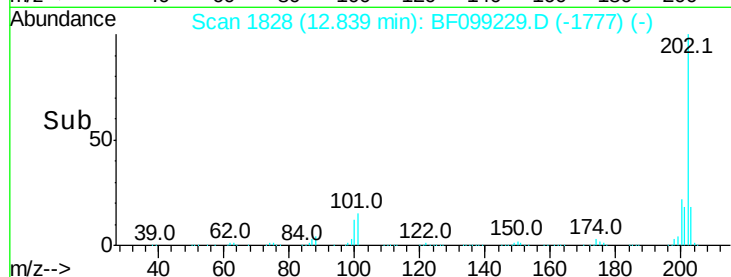
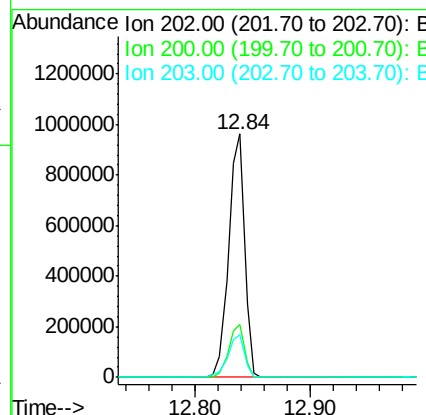
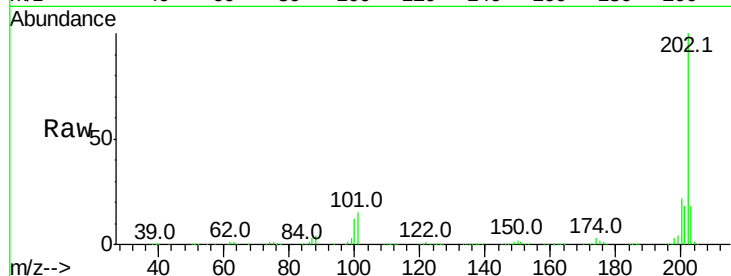
ClientSampleId :

PB102980BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.8	14.3	21.5

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#78

Terphenyl-d14

Concen: 87.830 ng

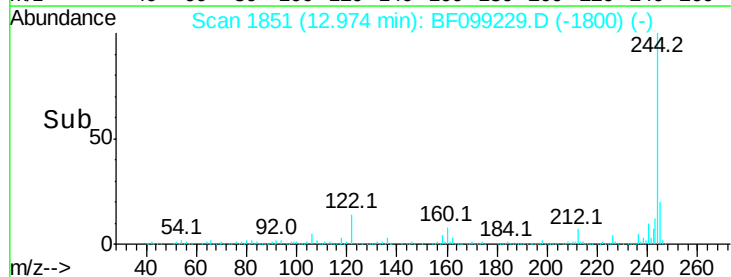
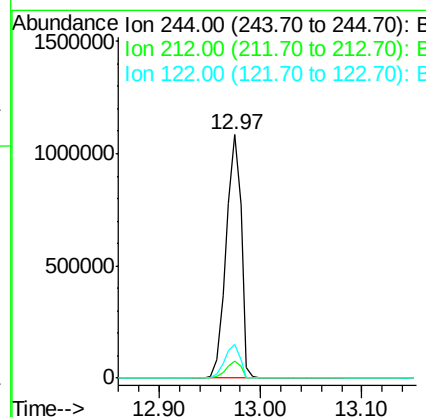
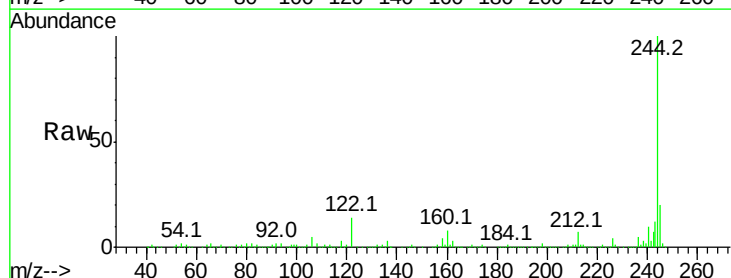
RT: 12.97 min Scan# 1851

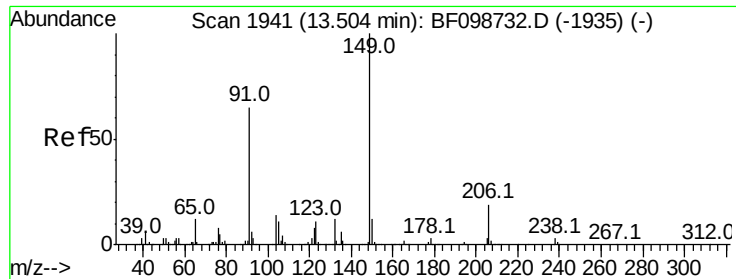
Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	13.7	11.0	16.4





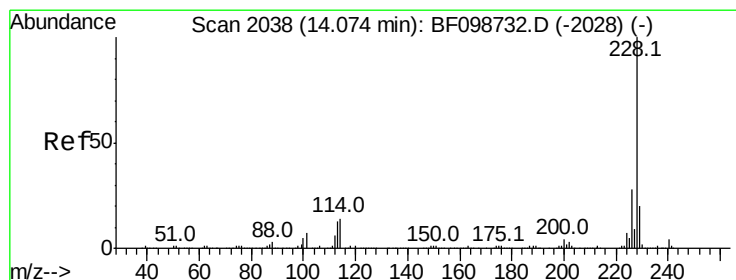
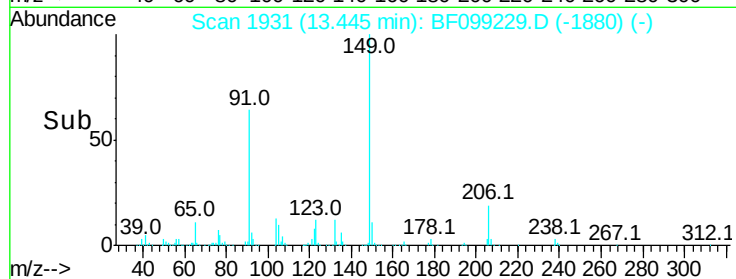
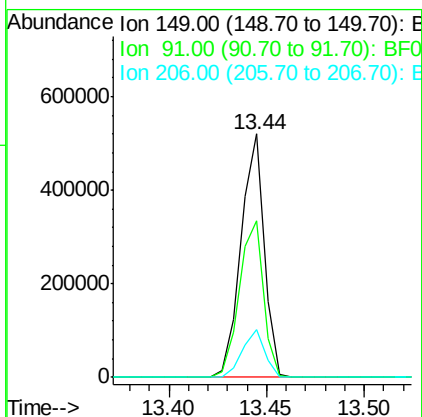
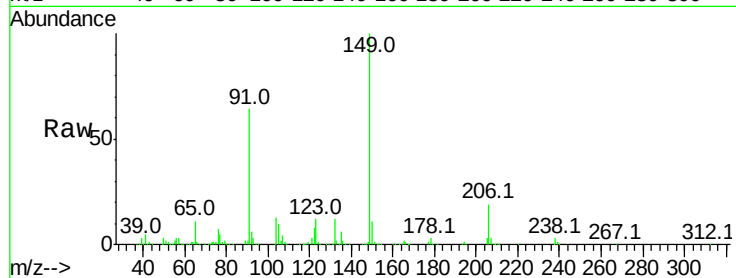
#79
Butylbenzylphthalate
Concen: 41.481 ng
RT: 13.44 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.3	56.8	85.2
206	19.4	14.1	21.1

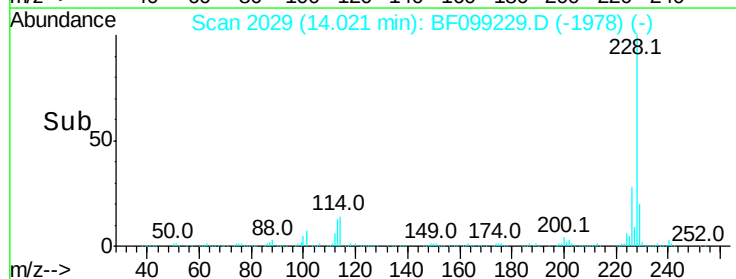
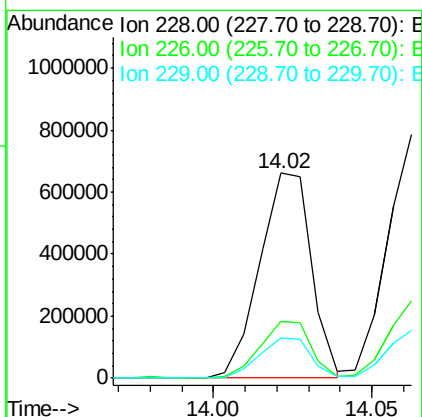
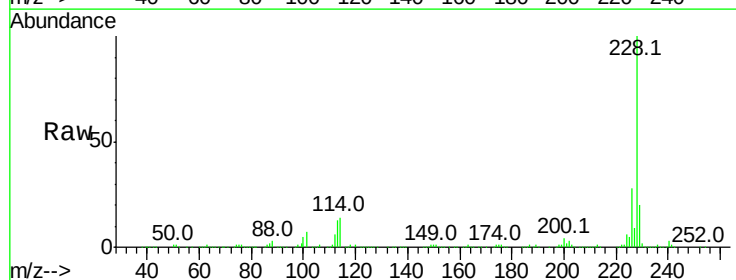
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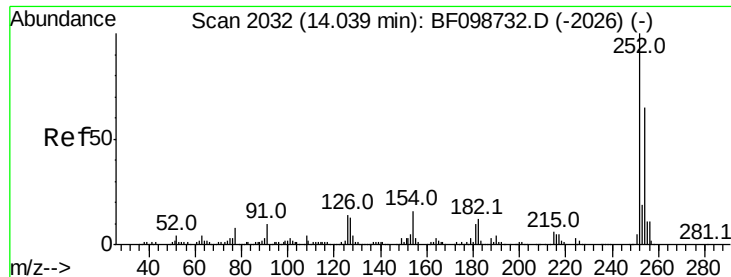
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#80
Benzo(a)anthracene
Concen: 42.771 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.9	15.8	23.6





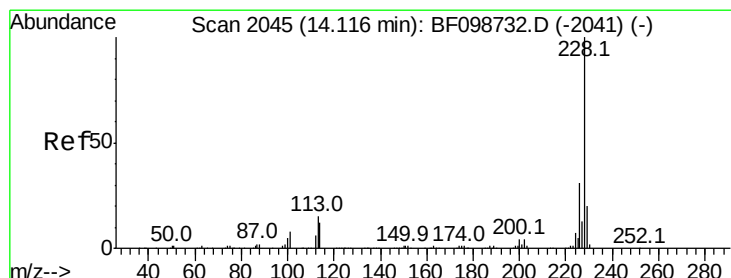
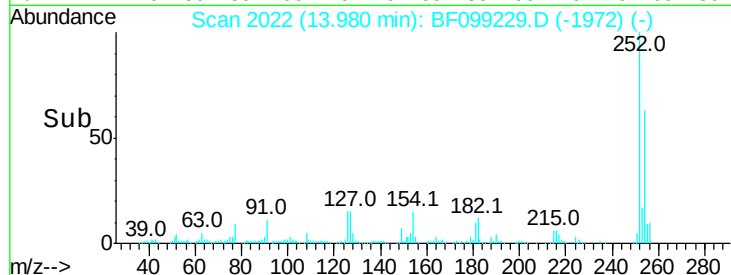
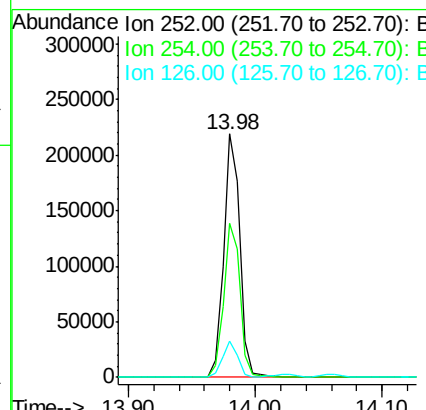
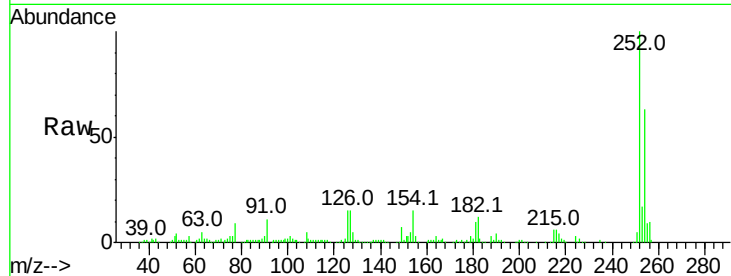
#81
 3,3'-Dichlorobenzidine
 Concen: 30.726 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	63.0	50.4	75.6
126	15.0	11.3	16.9

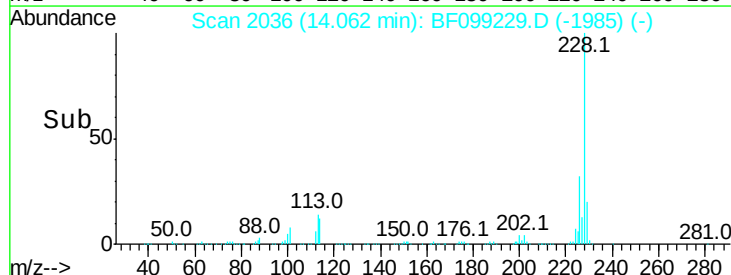
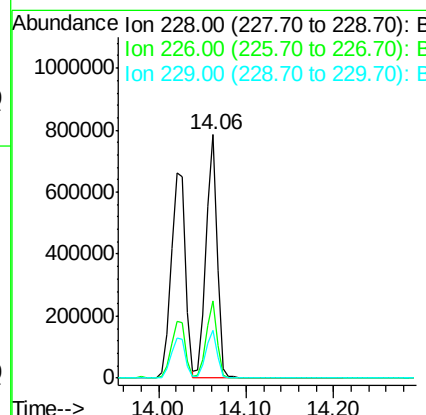
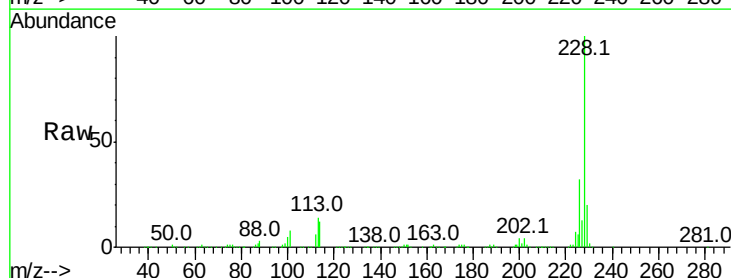
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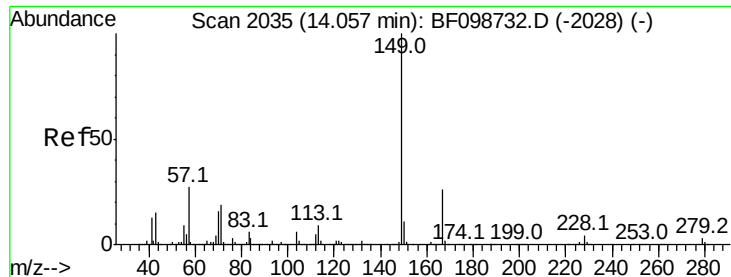
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#82
 Chrysene
 Concen: 41.955 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.6	25.0	37.6
229	19.7	16.2	24.4





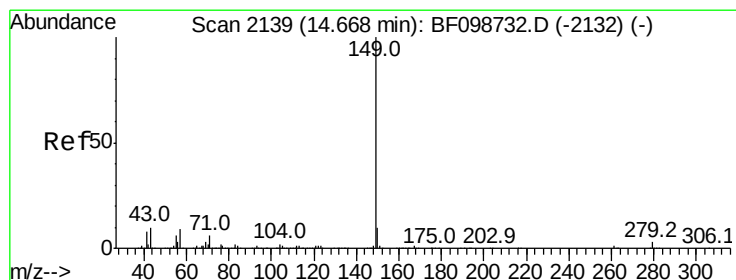
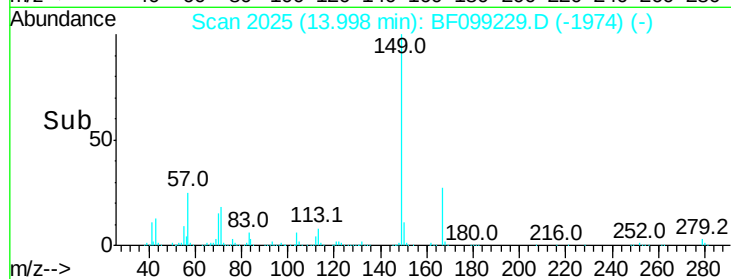
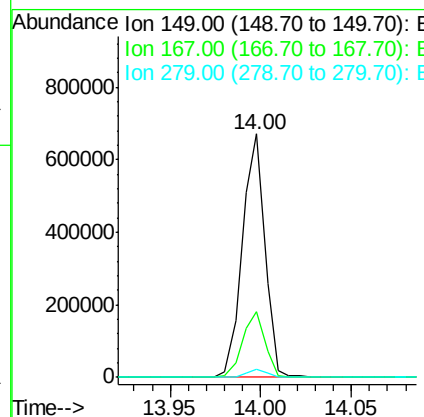
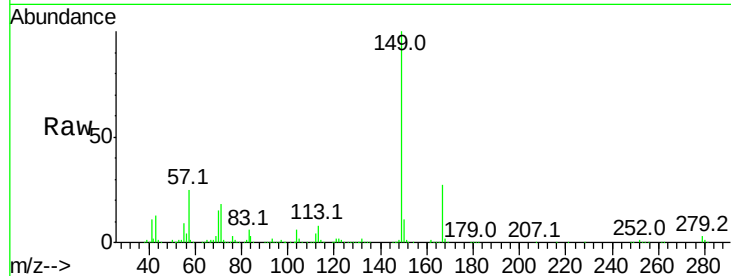
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.746 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	580410		
167	27.1		21.3	31.9
279	3.2		3.0	4.4

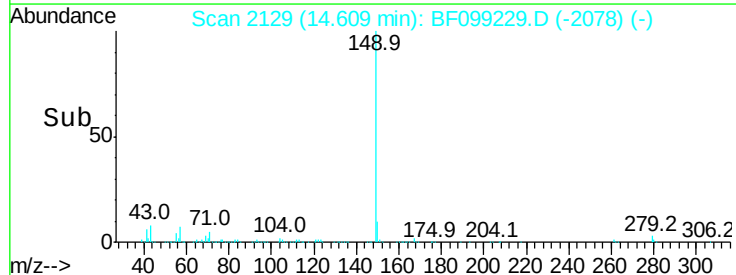
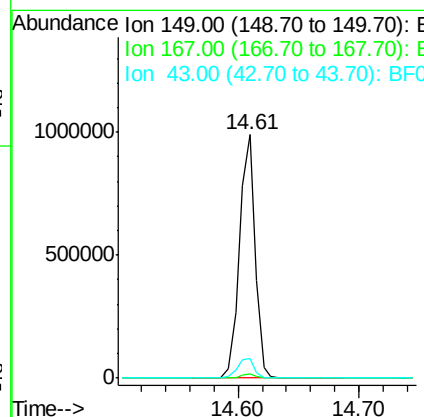
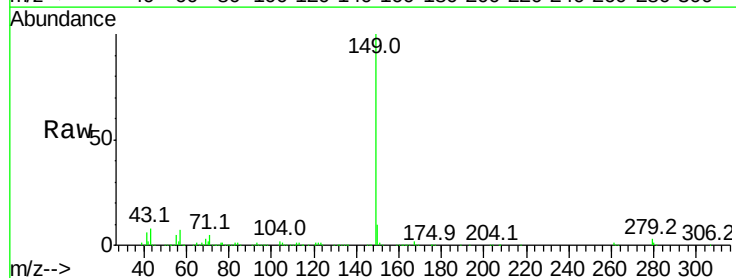
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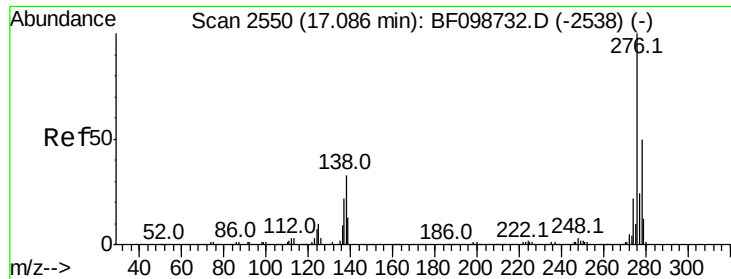
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#84
 Di-n-octyl phthalate
 Concen: 39.032 ng
 RT: 14.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	895282		
167	1.5		1.2	1.8
43	8.5		8.4	12.6





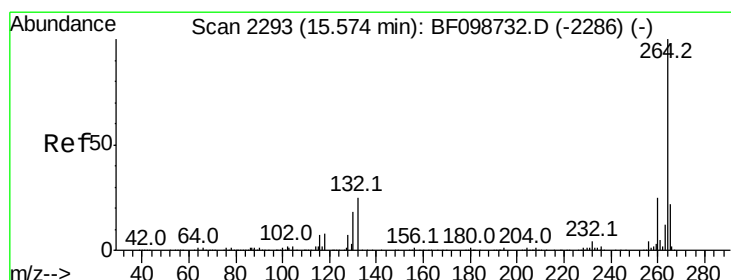
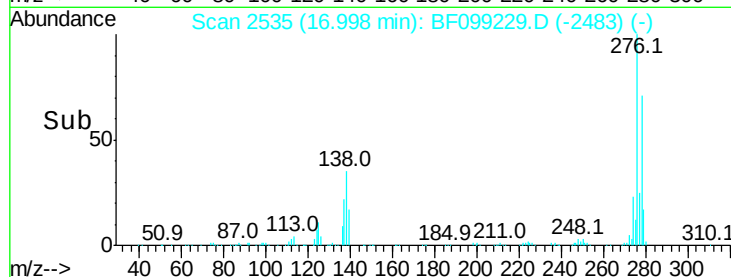
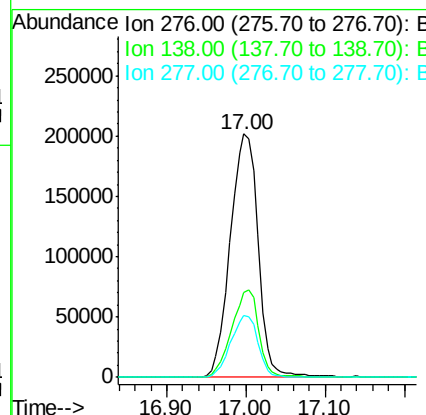
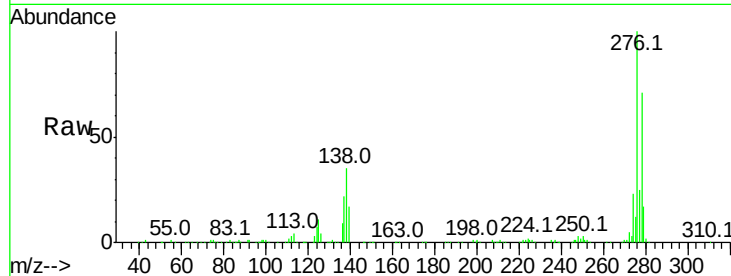
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.007 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Instrument :
BNA_F
ClientSampleId :
PB102980BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.8	25.0	37.6
277	25.0	20.1	30.1

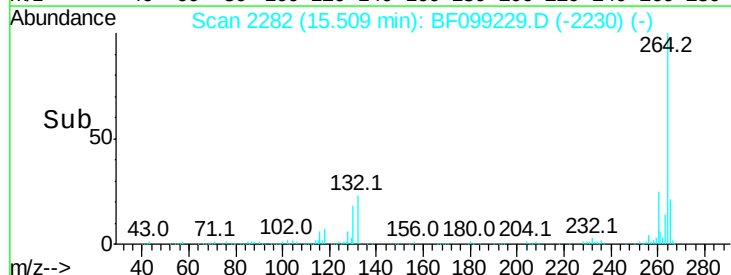
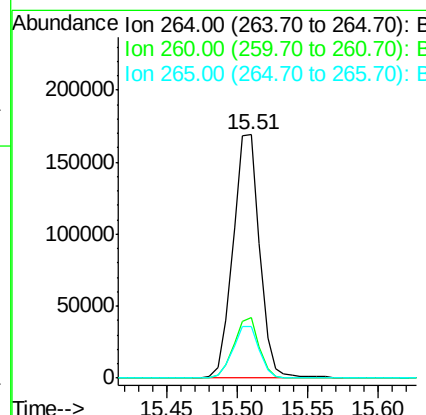
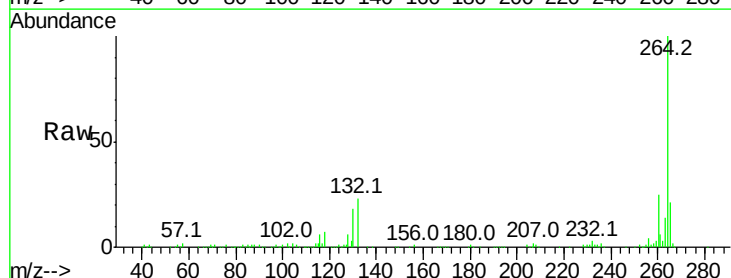
Manual Integrations
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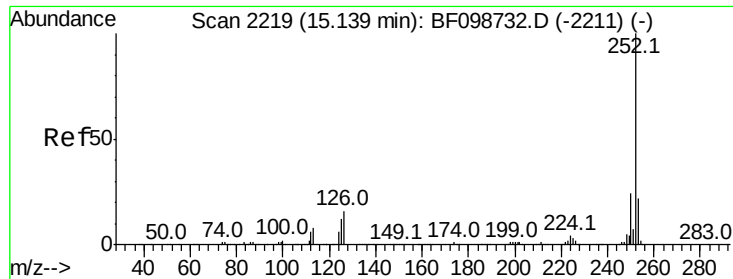
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. 0.01 min
Lab File: BF099229.D
Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.2	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 45.325 ng/mL

RT: 15.07 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

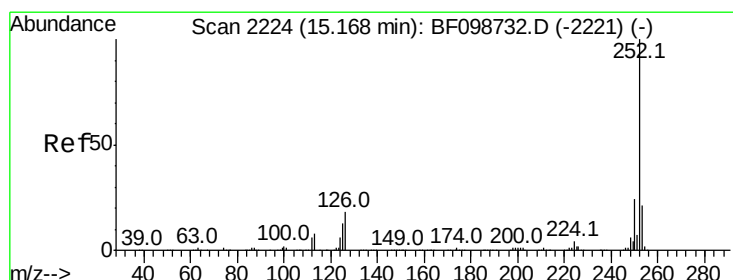
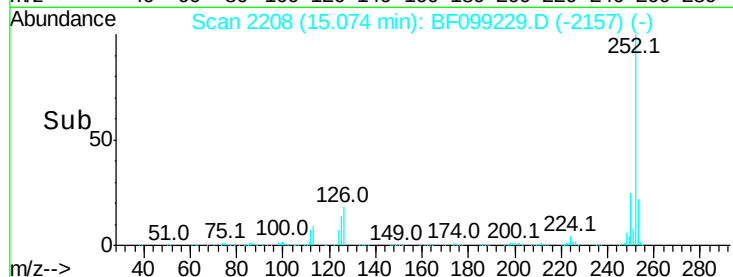
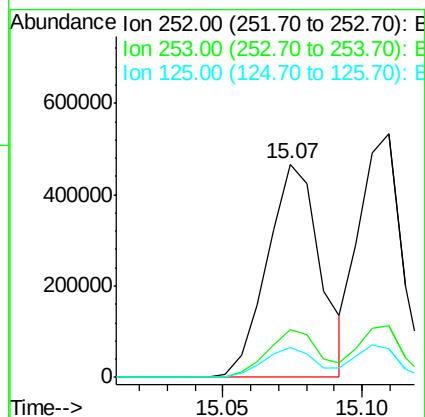
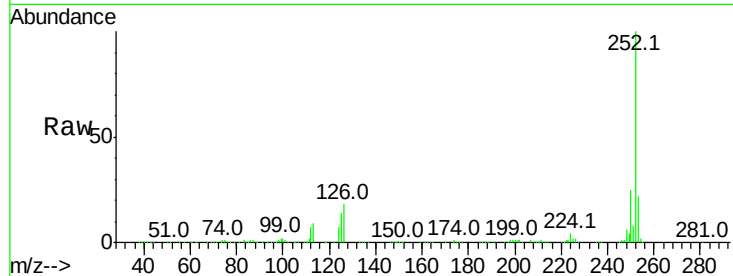
ClientSampleId :

PB102980BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	14.2	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 41.469 ng/mL

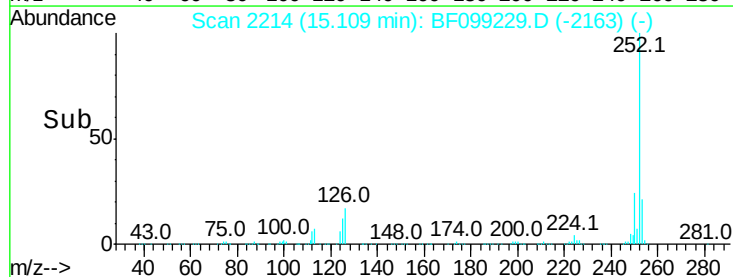
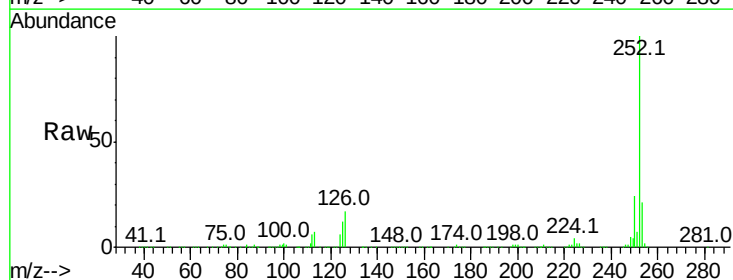
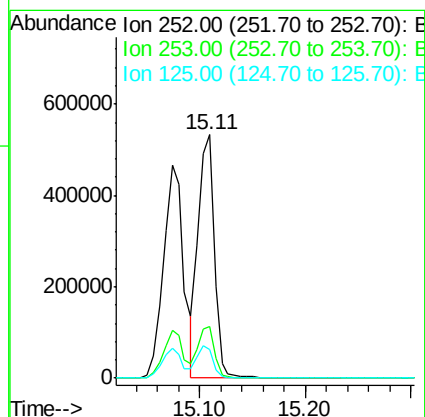
RT: 15.11 min Scan# 2214

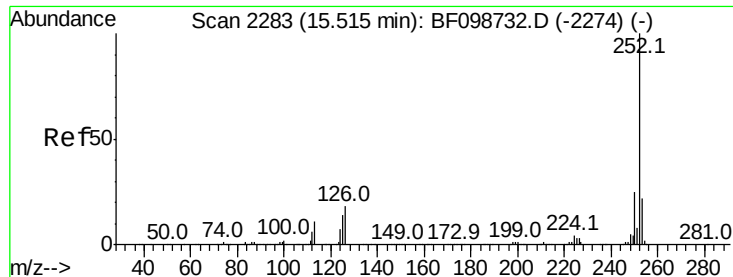
Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.9	26.9
125	11.9	10.2	15.2





#89

Benzo(a)pyrene

Concen: 43.403 ng

RT: 15.44 min Scan# 2271

Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Instrument :

BNA_F

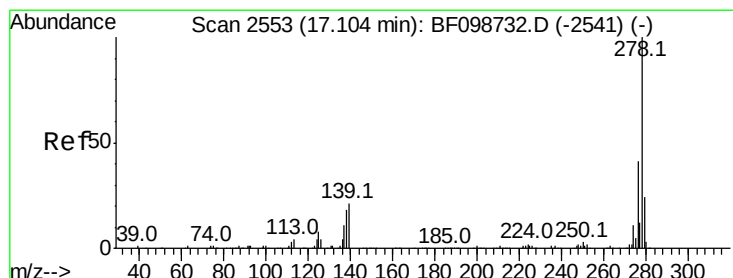
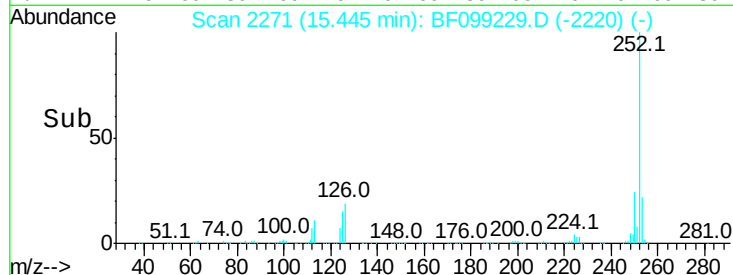
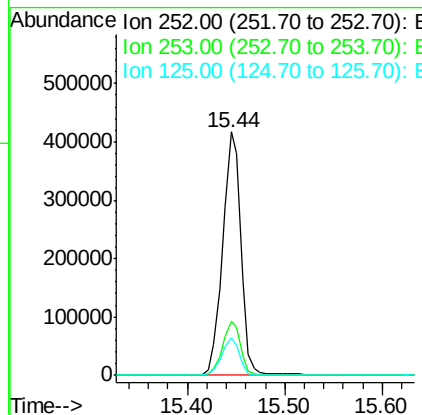
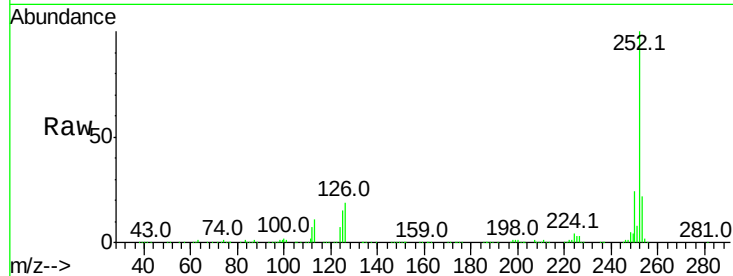
ClientSampleId :

PB102980BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	15.4	9.8	14.6

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#90

Dibenzo(a,h)anthracene

Concen: 40.411 ng

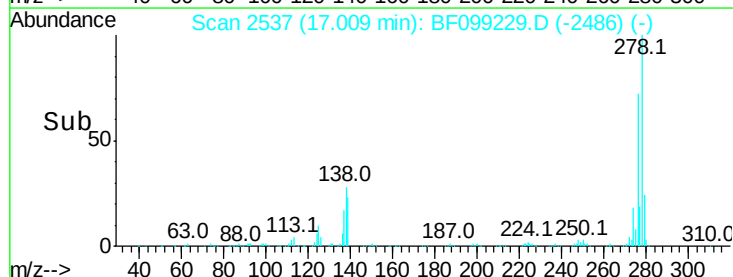
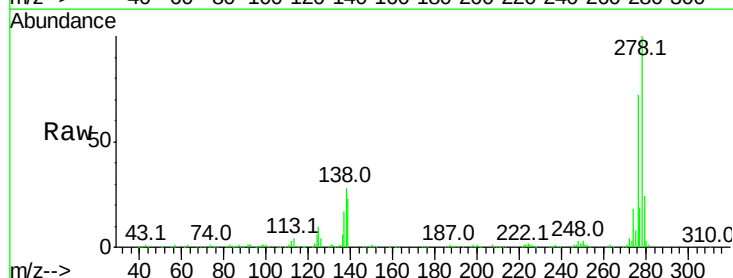
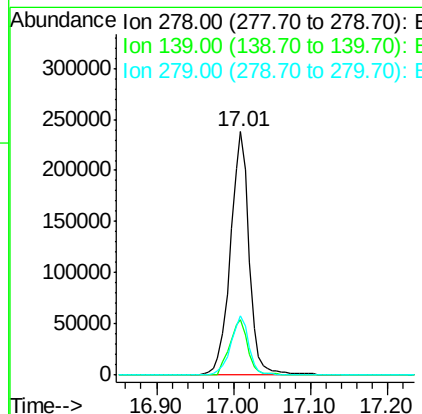
RT: 17.01 min Scan# 2537

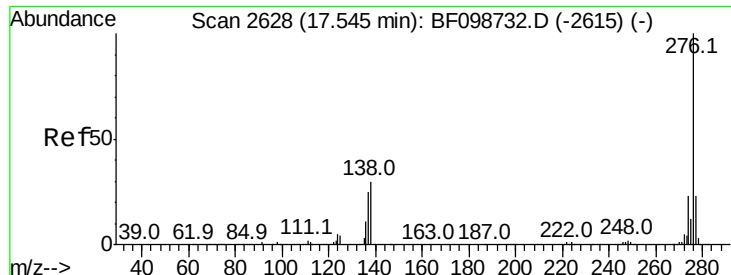
Delta R.T. -0.00 min

Lab File: BF099229.D

Acq: 8 Oct 2017 13:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	15.9	23.9
279	24.2	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.400 ng
 RT: 17.45 min Scan# 2612
 Delta R.T. 0.01 min
 Lab File: BF099229.D
 Acq: 8 Oct 2017 13:45

Instrument :
 BNA_F
 ClientSampleId :
 PB102980BSD

Tot Ion:	276	Resp:	420199
Ion Ratio		Lower	Upper
276	100		
277	24.1	17.9	26.9
138	31.5	21.8	32.8

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