

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101306.D
 Acq On : 12 Dec 2017 1:35
 Operator : SJ/JU
 Sample : PB104912BSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Manual Integrations
 APPROVED

Sohil
 12/12/2017 3:59:24 PM

Quant Time: Dec 12 03:13:45 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	51348	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	192342	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	85526	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	139739	20.00	ng	0.00
75) Chrysene-d12	14.02	240	102401	20.00	ng	0.01
86) Perylene-d12	15.49	264	86117	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	309592	99.63	ng	0.02
7) Phenol-d6	6.47	99	376323	99.75	ng	0.01
23) Nitrobenzene-d5	7.40	82	332867	103.24	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	84842	82.58	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	687454	109.98	ng	0.00
78) Terphenyl-d14	12.95	244	473005	101.03	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	57282	44.579	ng	96
3) Pyridine	3.42	79	162735	48.854	ng	96
4) n-Nitrosodimethylamine	3.40	42	87323	53.674	ng	# 88
6) Aniline	6.50	93	88220	17.982	ng	# 88
8) 2-Chlorophenol	6.62	128	178444	52.667	ng	97
9) Benzaldehyde	6.38	77	46697	20.223	ng	95
10) Phenol	6.49	94	210159	50.098	ng	88
11) bis(2-Chloroethyl)ether	6.57	93	161281	51.257	ng	99
12) 1,3-Dichlorobenzene	6.77	146	202455	51.317	ng	97
13) 1,4-Dichlorobenzene	6.85	146	208973	51.162	ng	99
14) 1,2-Dichlorobenzene	7.00	146	194373	51.019	ng	96
15) Benzyl Alcohol	6.98	79	148218	50.867	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	249219	58.268	ng	80
17) 2-Methylphenol	7.09	107	146026	53.375	ng	93
18) Hexachloroethane	7.33	117	60041	45.754	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	122901	48.372	ng	95
20) 3+4-Methylphenols	7.25	107	187086	52.435	ng	# 64
22) Acetophenone	7.25	105	238101	51.239	ng	# 91
24) Nitrobenzene	7.42	77	179185	56.702	ng	99
25) Isophorone	7.66	82	324507	58.920	ng	99
26) 2-Nitrophenol	7.73	139	88581	51.063	ng	99
27) 2,4-Dimethylphenol	7.77	122	158188	63.037	ng	97
28) bis(2-Chloroethoxy)methane	7.86	93	204952	55.368	ng	98
29) 2,4-Dichlorophenol	7.98	162	154246	56.468	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	164479	54.761	ng	95
31) Naphthalene	8.14	128	506306	53.410	ng	100
32) Benzoic acid	7.91	122	41370	21.196	ng	97
33) 4-Chloroaniline	8.19	127	47338	12.428	ng	98
34) Hexachlorobutadiene	8.25	225	99499	54.011	ng	99
35) Caprolactam	8.59	113	40963m	48.120	ng	
36) 4-Chloro-3-methylphenol	8.69	107	153089	54.104	ng	99
37) 2-Methylnaphthalene	8.83	142	347111	53.889	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	155807	50.147	ng	# 96
40) Hexachlorocyclopentadiene	8.97	237	17240	21.841	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	102560	56.310	nq	99
43) 2,4,5-Trichlorophenol	9.16	196	103808	53.312	nq	93
45) 1,1'-Biphenyl	9.29	154	401945	51.295	nq	96
46) 2-Chloronaphthalene	9.32	162	312617	56.177	nq	98
47) 2-Nitroaniline	9.42	65	91598	55.634	nq	97
48) Acenaphthylene	9.74	152	464121	50.749	nq	99
49) Dimethylphthalate	9.59	163	379794	55.063	nq	99
50) 2,6-Dinitrotoluene	9.67	165	75687	52.099	nq	89
51) Acenaphthene	9.91	154	274277	50.086	nq	100
52) 3-Nitroaniline	9.83	138	47484	29.065	nq	100
53) 2,4-Dinitrophenol	9.96	184	8810	15.909	nq #	17
54) Dibenzofuran	10.08	168	402673	51.026	nq	100
55) 4-Nitrophenol	10.02	139	81040	73.553	nq	99
56) 2,4-Dinitrotoluene	10.08	165	89612	46.027	nq #	92
57) Fluorene	10.43	166	319866	49.861	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	75116	48.181	nq #	86
59) Diethylphthalate	10.29	149	357375	52.530	nq	97
60) 4-Chlorophenyl-phenylether	10.41	204	161930	51.123	nq	95
61) 4-Nitroaniline	10.46	138	69515	40.990	nq	91
62) Azobenzene	10.57	77	296091	51.284	nq	94
64) 4,6-Dinitro-2-methylphenol	10.49	198	11690	12.472	nq #	73
65) n-Nitrosodiphenylamine	10.53	169	297042	60.254	nq	95
66) 4-Bromophenyl-phenylether	10.90	248	95780	61.235	nq #	83
67) Hexachlorobenzene	10.97	284	95672	57.071	nq #	90
68) Atrazine	11.06	200	90253	59.683	nq	97
69) Pentachlorophenol	11.17	266	67317	73.033	nq	98
70) Phenanthrene	11.39	178	411017	53.411	nq	98
71) Anthracene	11.45	178	422070	54.192	nq	98
72) Carbazole	11.60	167	363393	51.067	nq	99
73) Di-n-butylphthalate	11.92	149	499248	55.974	nq	98
74) Fluoranthene	12.58	202	392512	46.014	nq	96
76) Benzydine	12.70	184	192557	57.827	nq	99
77) Pyrene	12.82	202	397430	56.245	nq	99
79) Butylbenzylphthalate	13.42	149	174014	55.857	nq	95
80) Benzo(a)anthracene	14.00	228	353799	54.722	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	113640	50.752	nq #	97
82) Chrysene	14.04	228	331439	55.198	nq	96
83) Bis(2-ethylhexyl)phthalate	13.97	149	245414	55.249	nq	100
84) Di-n-octyl phthalate	14.59	149	397638	53.765	nq	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	250770	46.975	nq #	92
87) Benzo(b)fluoranthene	15.06	252	309614	60.024	nq	97
88) Benzo(k)fluoranthene	15.09	252	276162	54.342	nq	97
89) Benzo(a)pyrene	15.43	252	262942	56.071	nq	98
90) Dibenzo(a,h)anthracene	16.99	278	210365	50.884	nq #	94
91) Benzo(g,h,i)perylene	17.43	276	201277	51.661	nq #	89

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

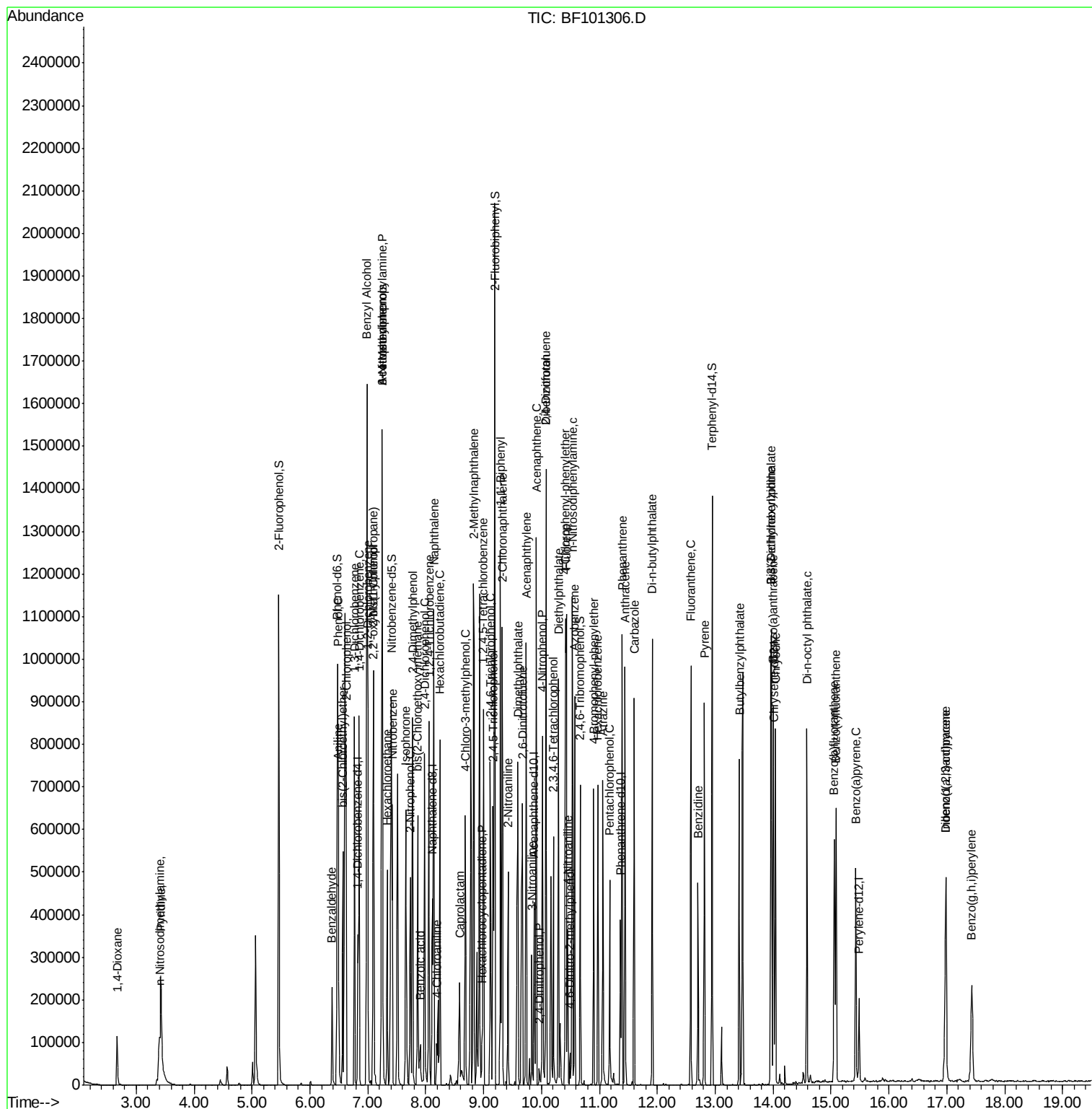
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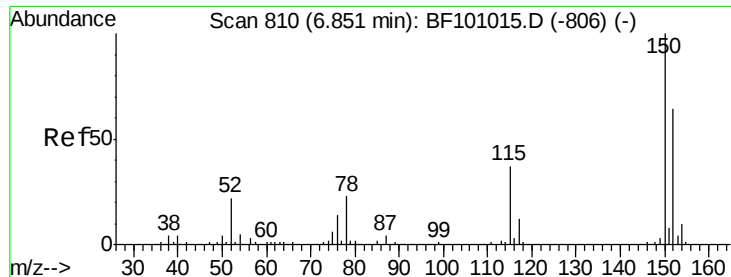
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#1

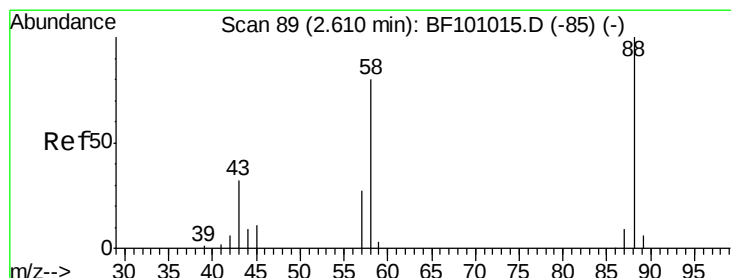
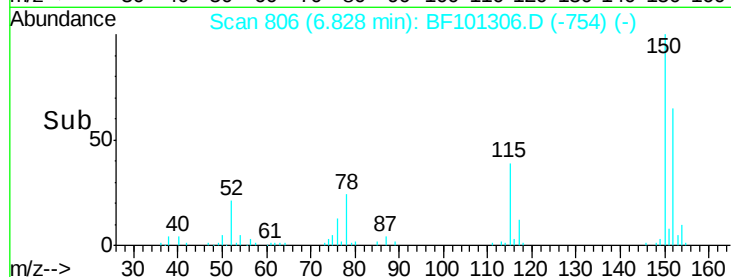
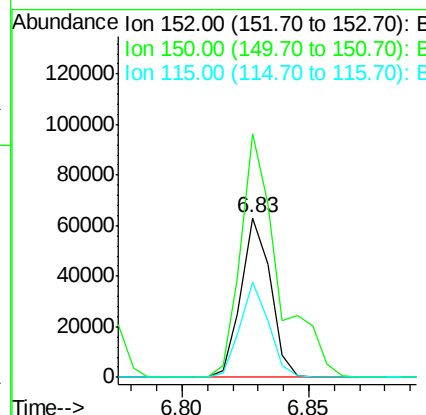
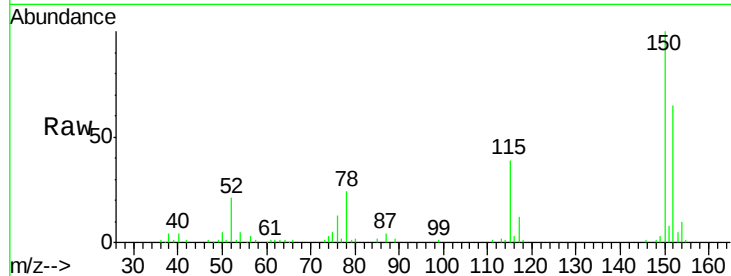
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	124.6	186.8
115	59.5	50.1	75.1

Manual Integrations
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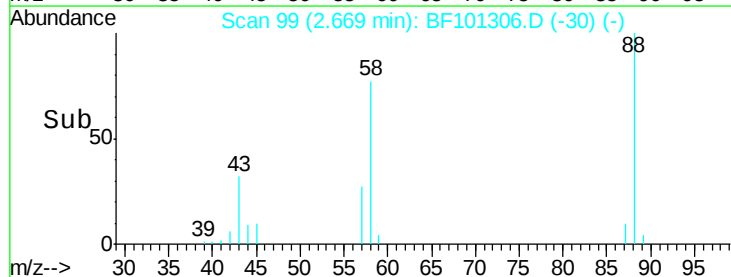
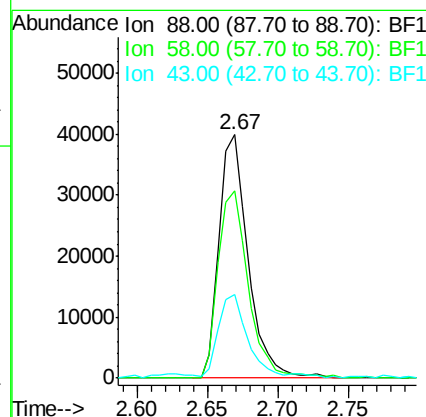
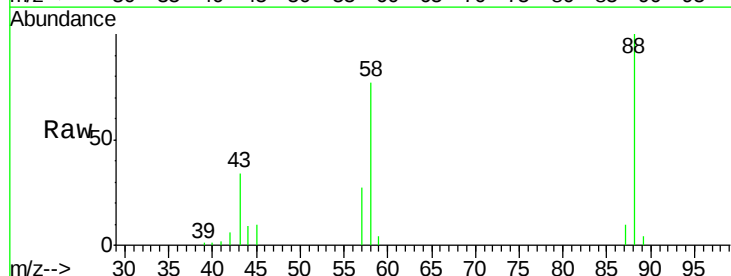
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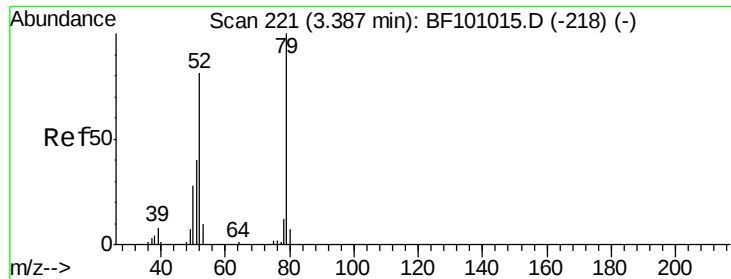


#2

1,4-Dioxane
Concen: 44.579 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.11 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.5	62.6	93.8
43	35.9	24.6	37.0





#3

Pvridine

Concen: 48.854 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.09 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

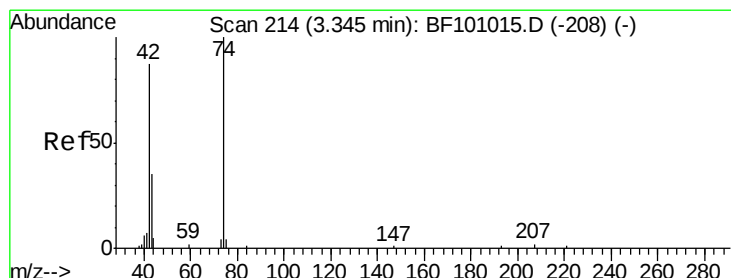
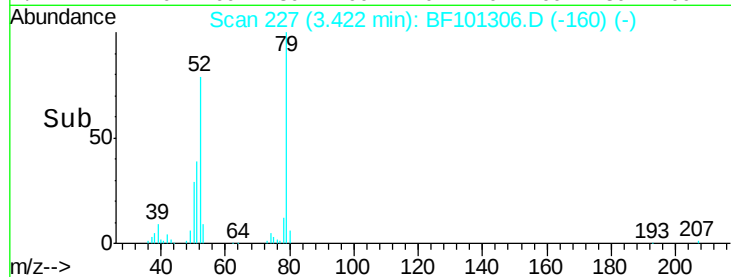
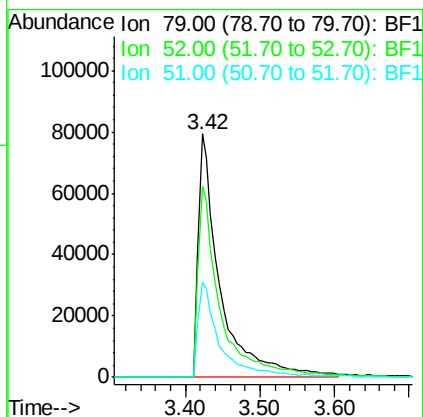
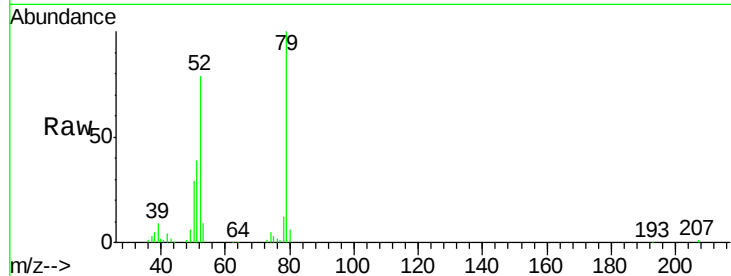
ClientSampleId :

PB104912BSD

Tot Ion:	79	Resp:	162735
Ion Ratio	Lower	Upper	
79	100		
52	78.5	59.8	89.6
51	39.3	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 53.674 ng

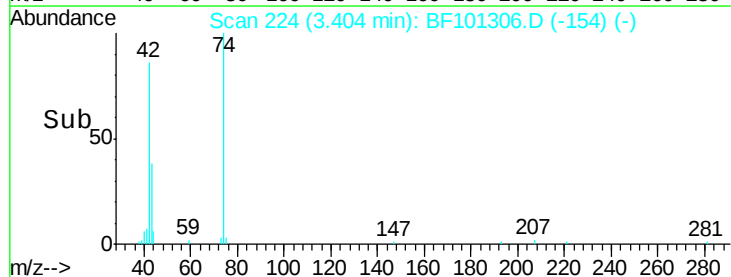
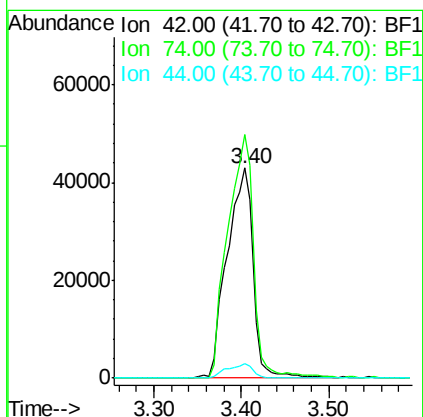
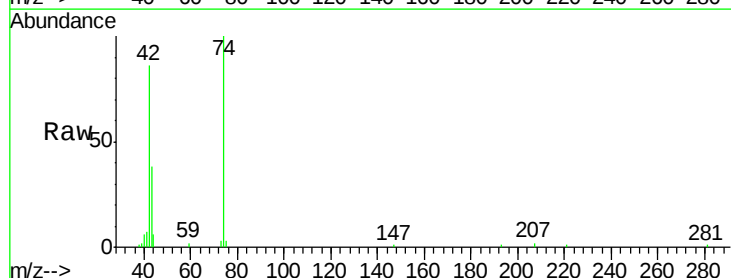
RT: 3.40 min Scan# 224

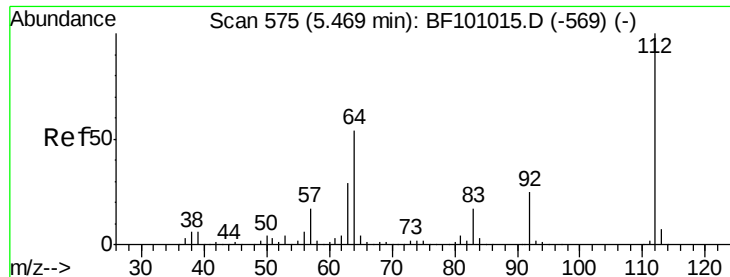
Delta R.T. 0.11 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	42	Resp:	87323
Ion Ratio	Lower	Upper	
42	100		
74	116.0	104.9	157.3
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 99.631 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.02 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

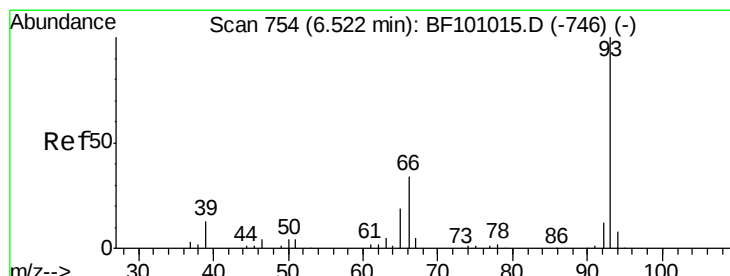
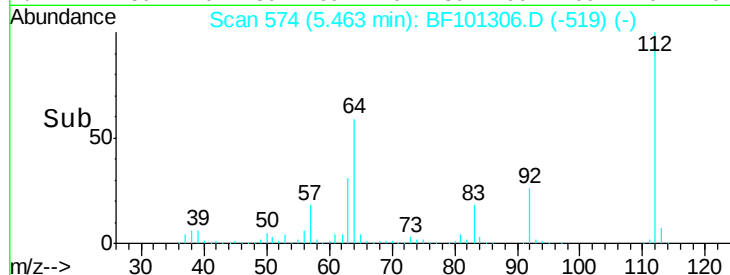
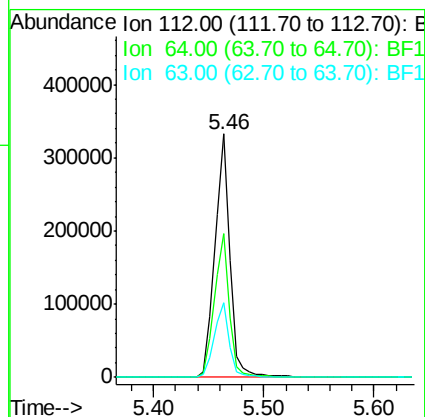
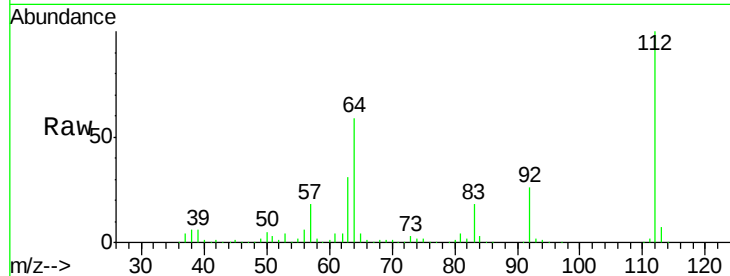
ClientSampleId :

PB104912BSD

Tot Ion:	112	Resp:	309592
Ion Ratio	Lower	Upper	
112	100		
64	58.9	47.9	71.9
63	30.7	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 17.982 ng

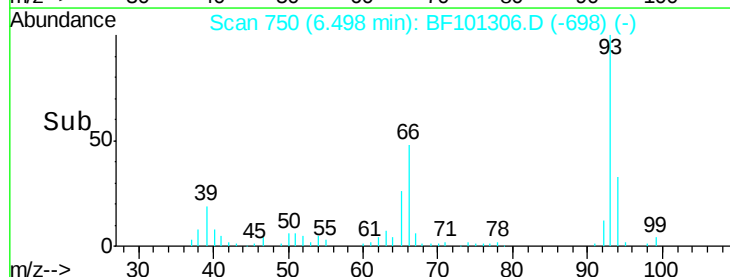
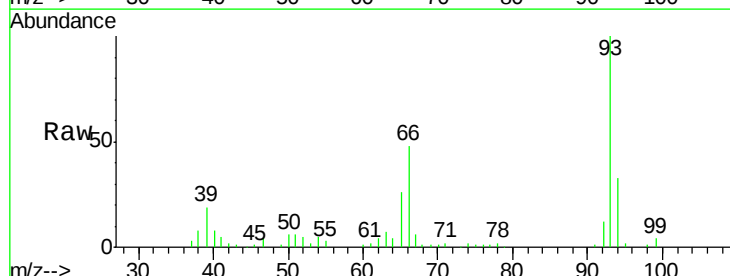
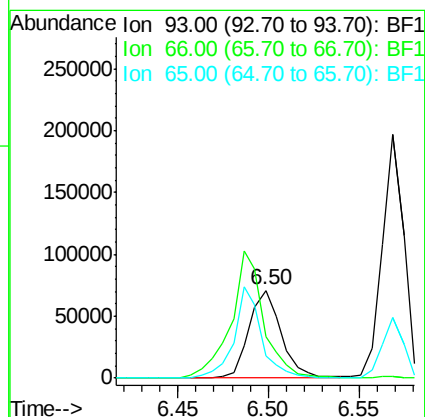
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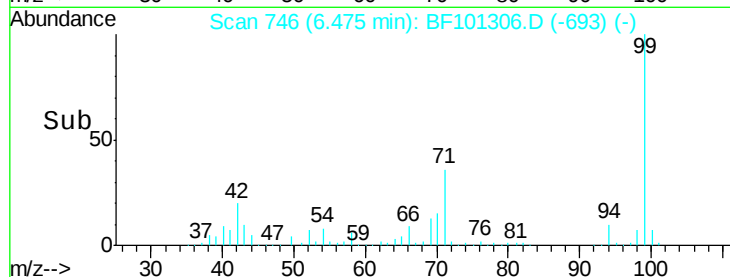
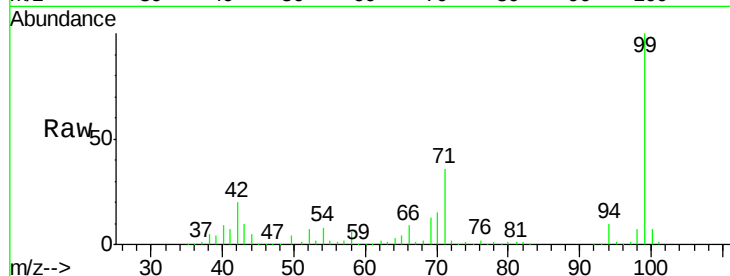
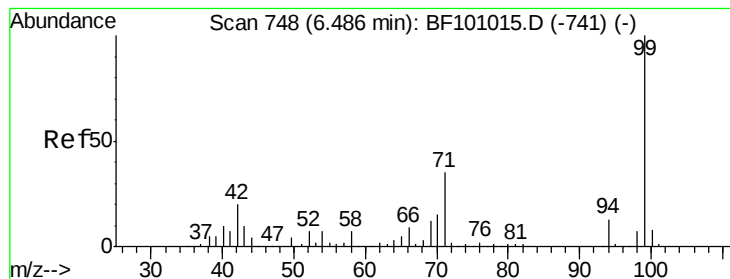
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	93	Resp:	88220
Ion Ratio	Lower	Upper	
93	100		
66	47.5	32.2	48.2
65	25.6	16.4	24.6





#7

Phenol-d6

Concen: 99.749 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tot Ion:	99	Resp:	376323
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	36.0	25.4	38.0

Instrument :

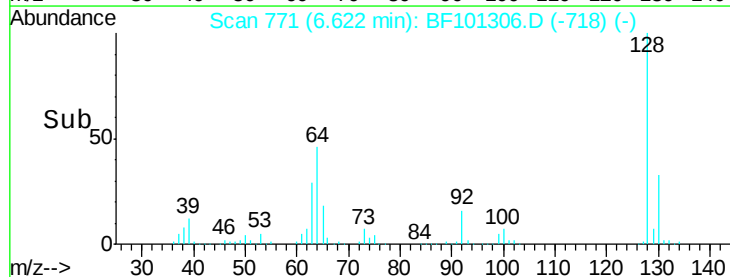
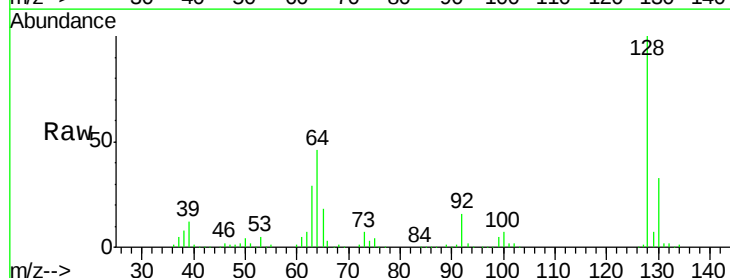
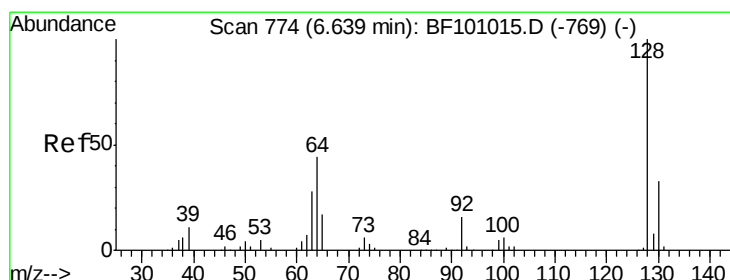
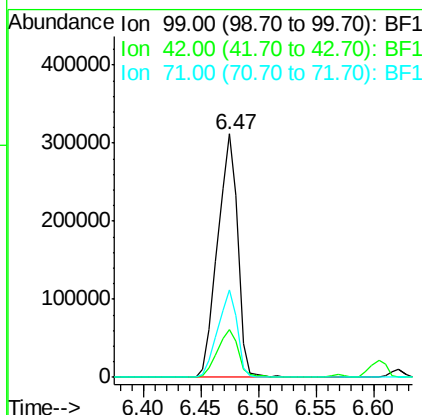
BNA_F

ClientSampleId :

PB104912BSD

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#8

2-Chlorophenol

Concen: 52.667 ng

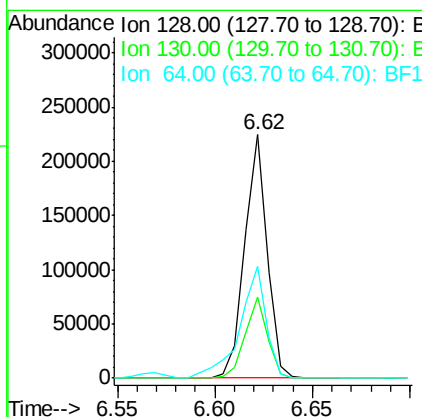
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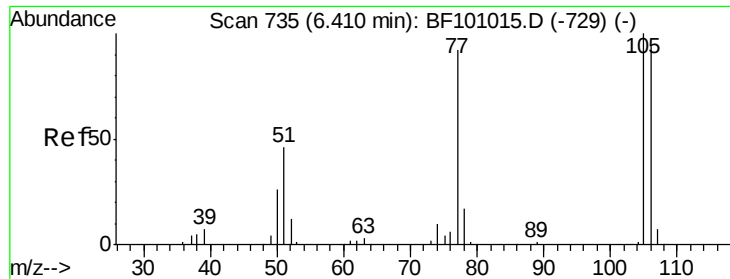
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	128	Resp:	178444
Ion Ratio	Lower	Upper	
128	100		
130	33.2	13.0	53.0
64	45.7	29.4	69.4





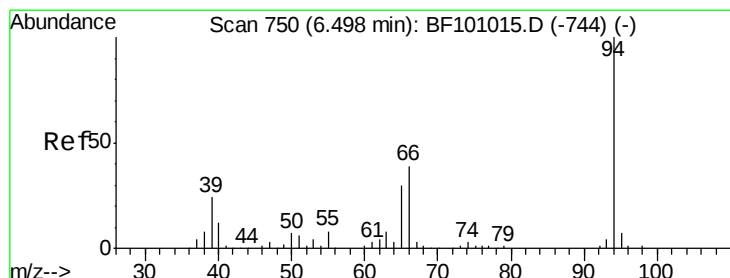
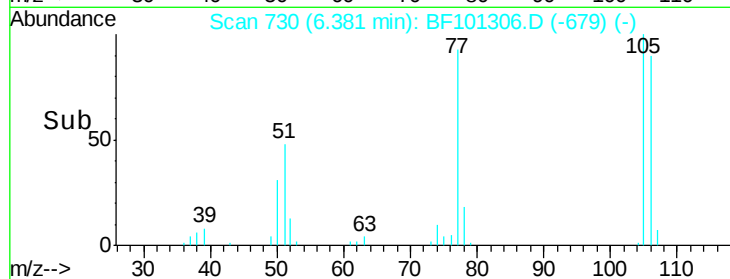
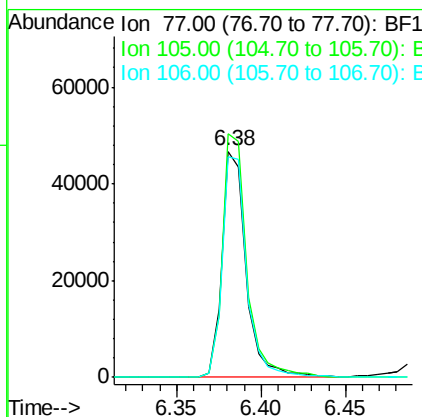
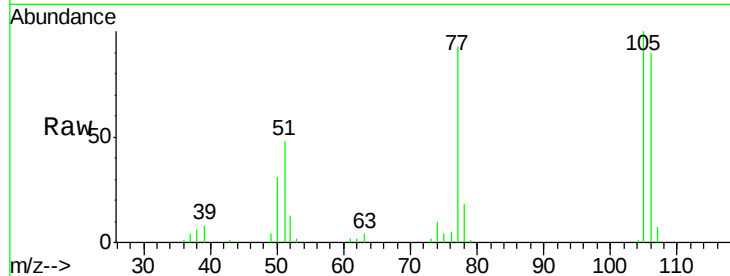
#9
Benzaldehyde
Concen: 20.223 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF101306.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
77	100		
105	107.8	81.1	121.1
106	97.4	74.5	114.5

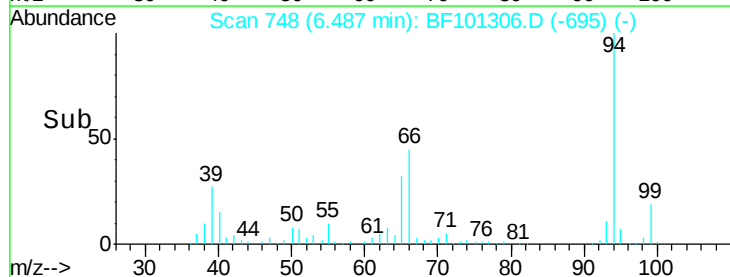
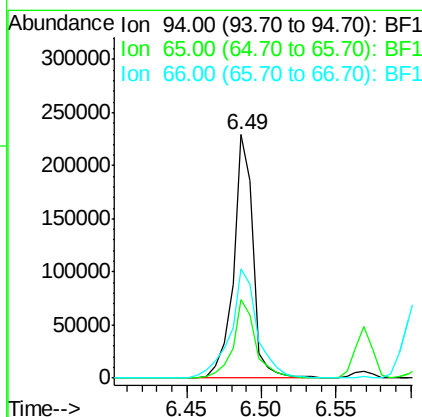
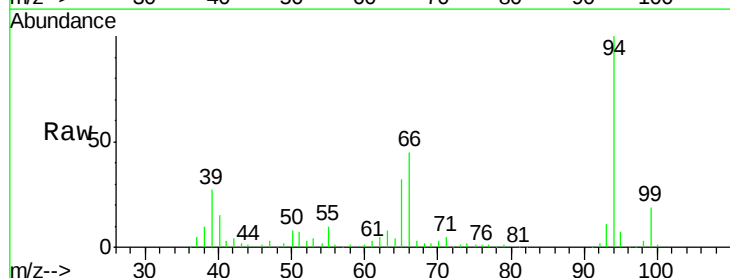
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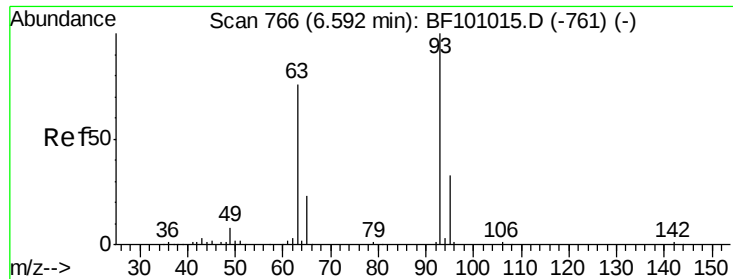
Sohil
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#10
Phenol
Concen: 50.098 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
94	100		
65	32.1	7.9	47.9
66	44.8	16.2	56.2





#11

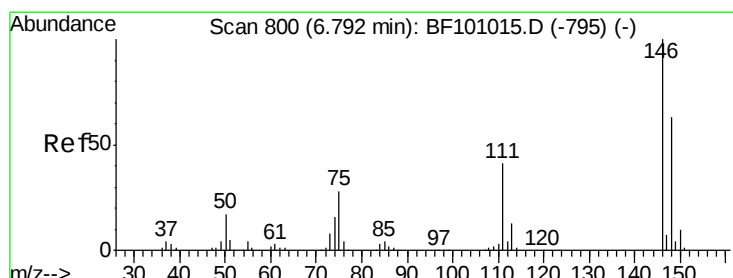
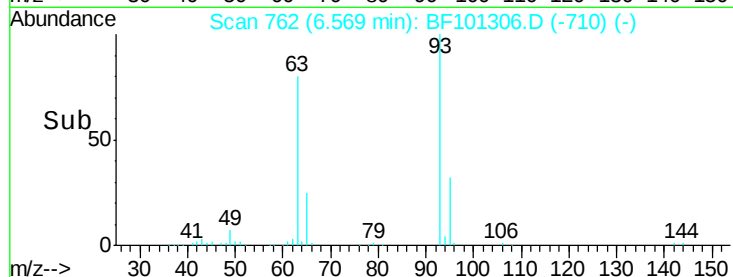
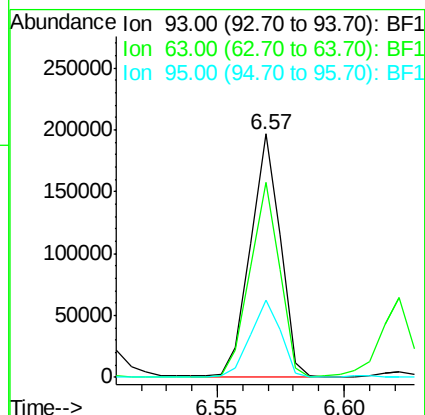
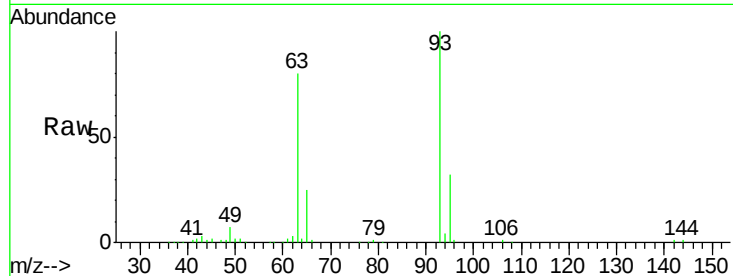
bis(2-Chloroethyl)ether
Concen: 51.257 ng
RT: 6.57 min Scan# 762
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		161281		
63	80.3	58.6	98.6		
95	31.6	11.8	51.8		

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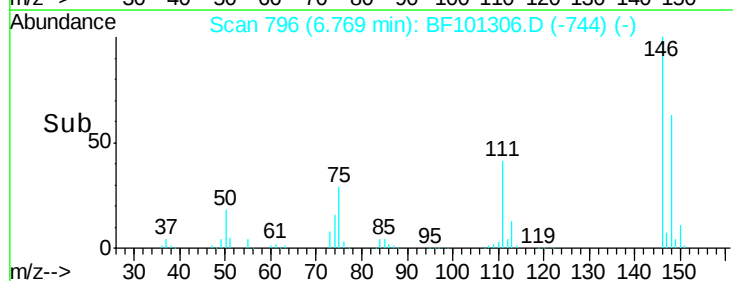
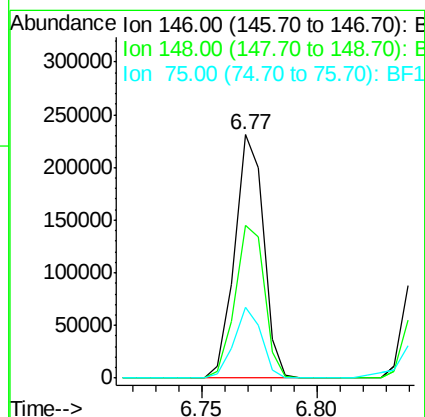
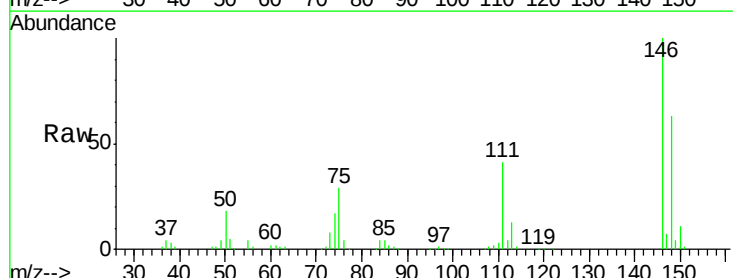
Sohil
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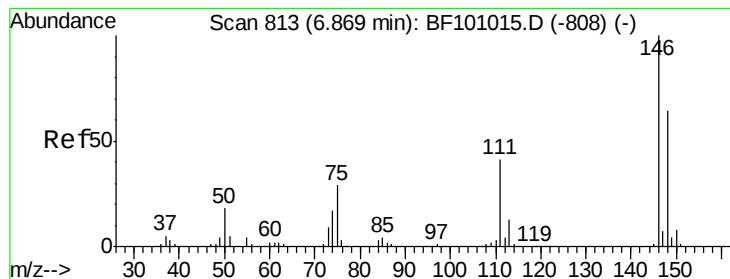


#12

1,3-Dichlorobenzene
Concen: 51.317 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		202455		
148	62.6	51.8	77.8		
75	29.0	24.2	36.4		





#13

1,4-Dichlorobenzene

Concen: 51.162 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

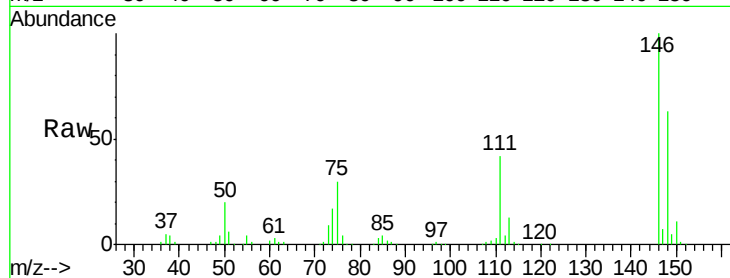
ClientSampleId :

PB104912BSD

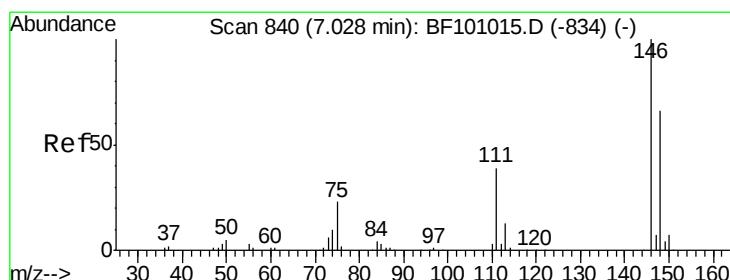
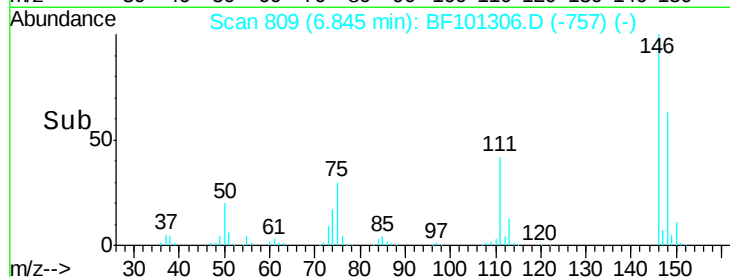
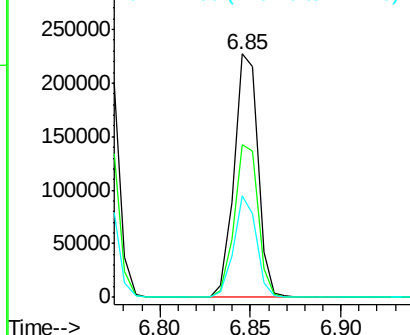
Tot Ion:	146	Resp:	208973
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.8	76.2
111	41.5	34.2	51.2

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 51.019 ng

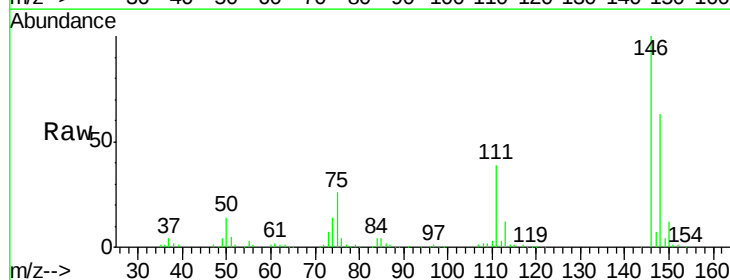
RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

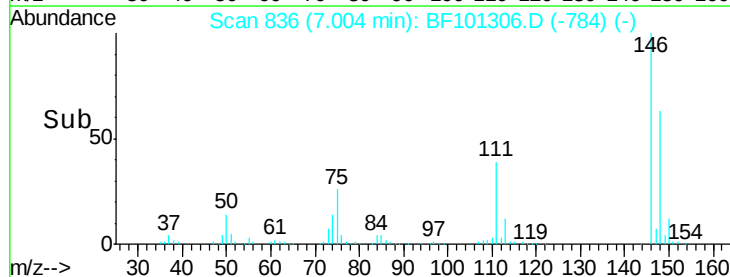
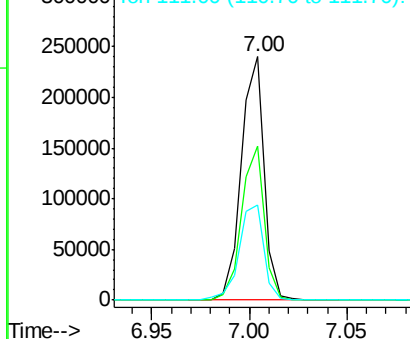
Lab File: BF101306.D

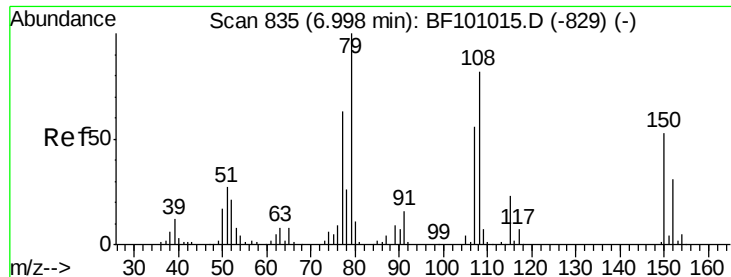
Acq: 12 Dec 2017 1:35

Tgt Ion:	146	Resp:	194373
Ion Ratio	Lower	Upper	
146	100		
148	63.3	50.6	75.8
111	39.1	36.0	54.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





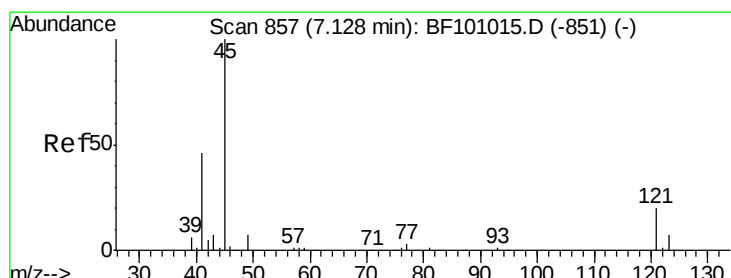
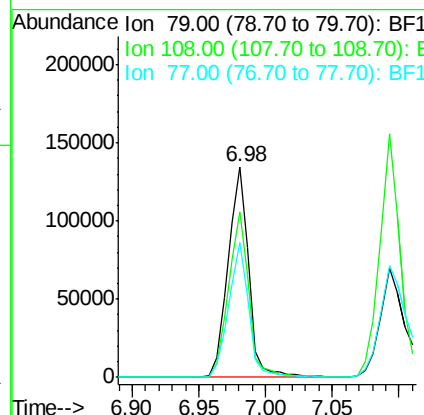
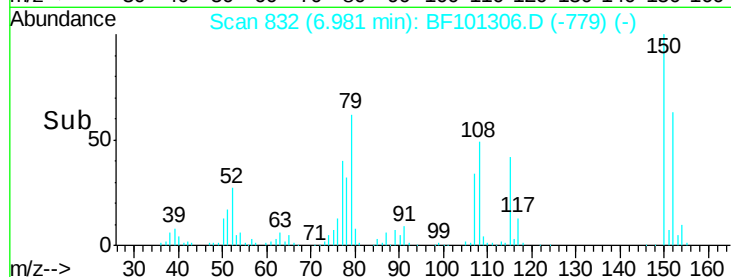
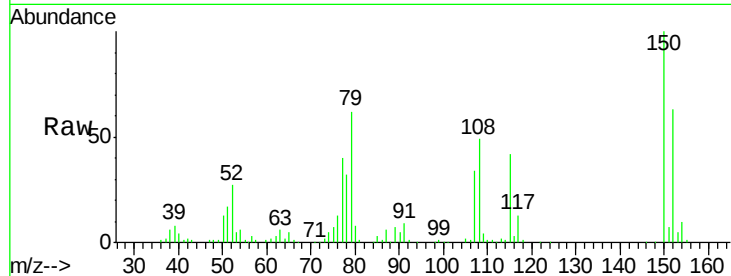
#15
Benzyl Alcohol
Concen: 50.867 ng
RT: 6.98 min Scan# 832
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
108	78.6	65.1	97.7		
77	64.3	50.6	75.8		

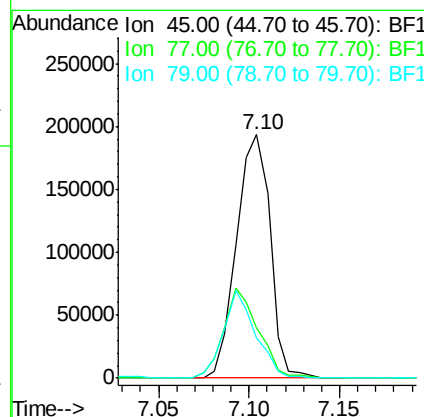
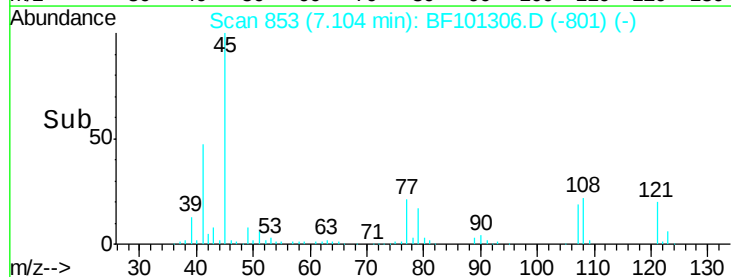
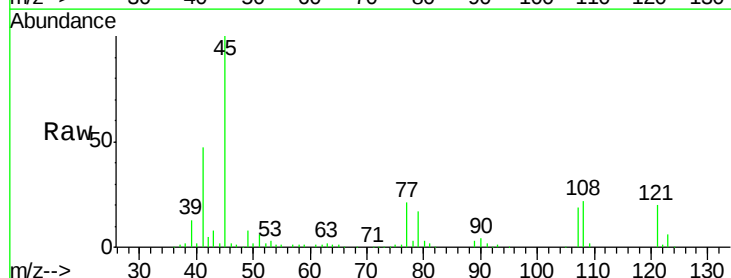
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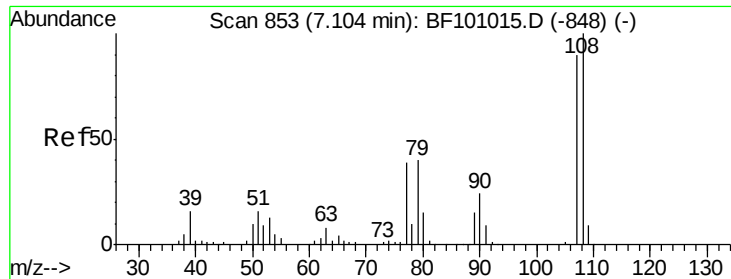
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 58.268 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
77	20.9	0.0	32.9		
79	16.7	0.0	29.6		





#17

2-Methylphenol

Concen: 53.375 ng

RT: 7.09 min Scan# 851

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

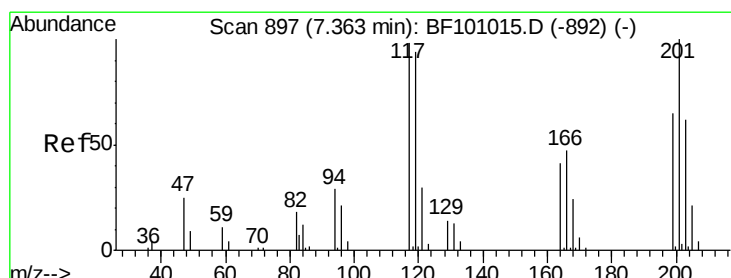
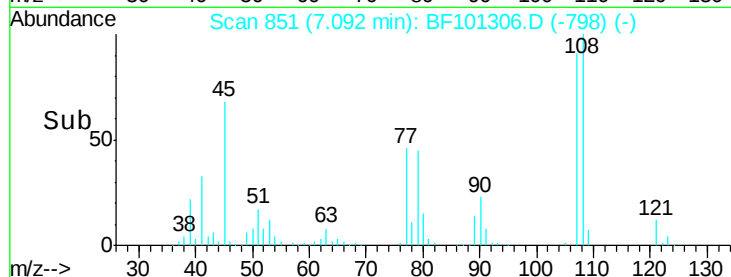
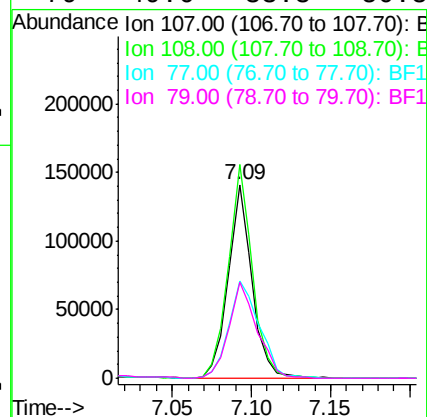
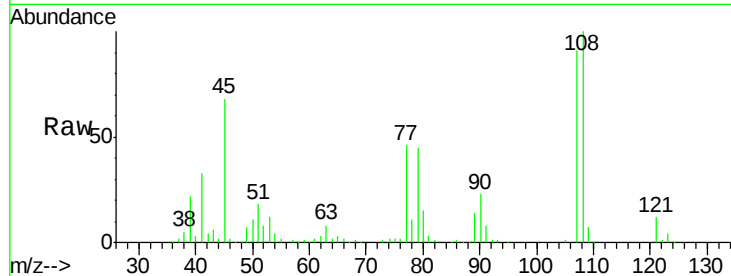
ClientSampleId :

PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	91.7	137.5	
77	50.6	33.8	50.8	
79	49.6	33.8	50.8	

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#18

Hexachloroethane

Concen: 45.754 ng

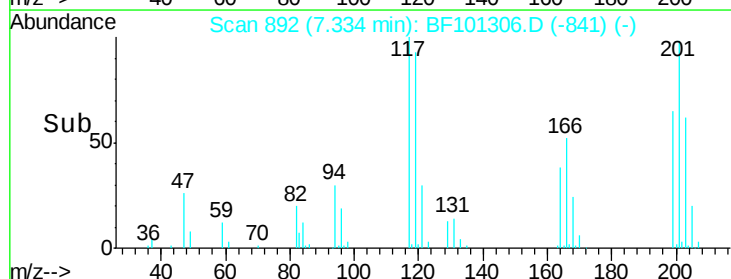
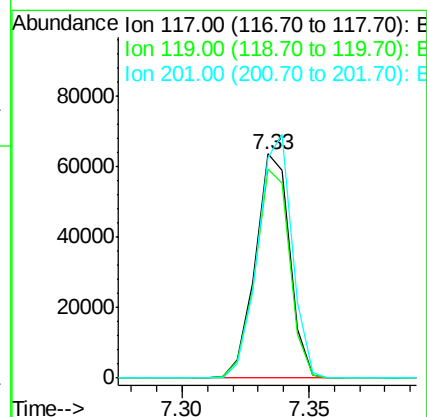
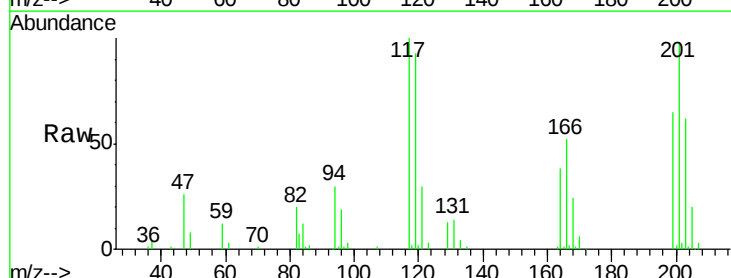
RT: 7.33 min Scan# 892

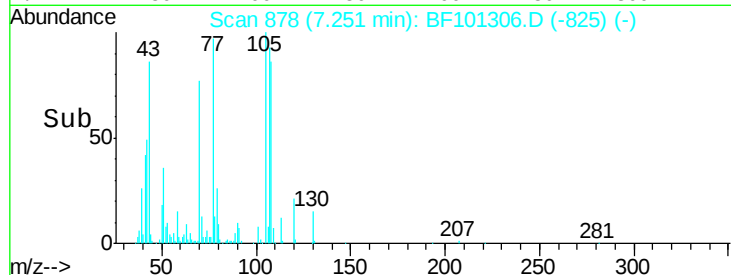
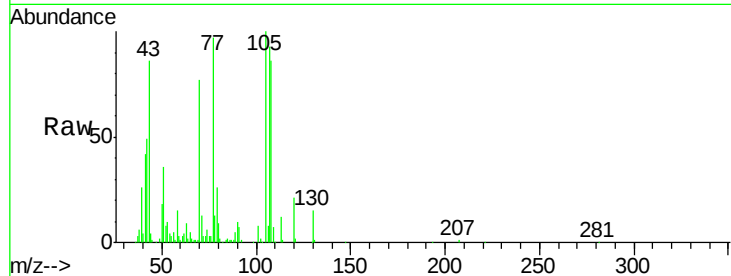
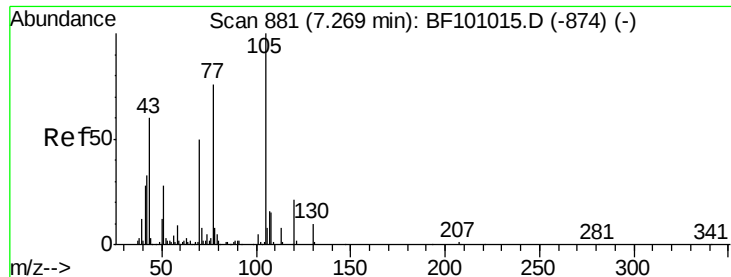
Delta R.T. 0.00 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.1	75.8	113.8	
201	98.2	75.7	113.5	





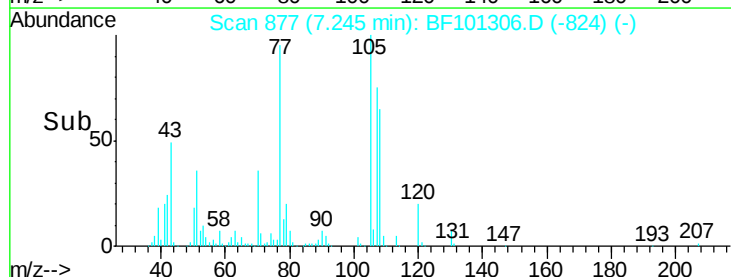
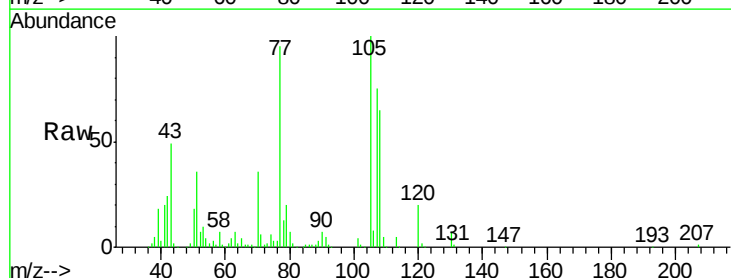
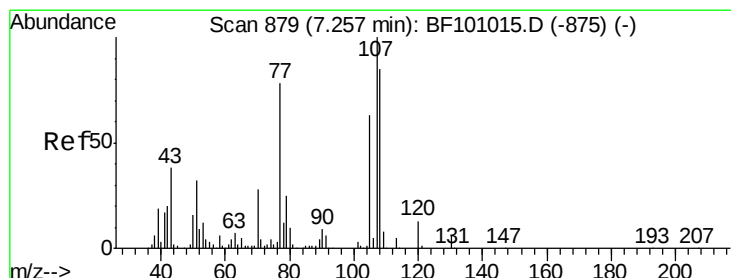
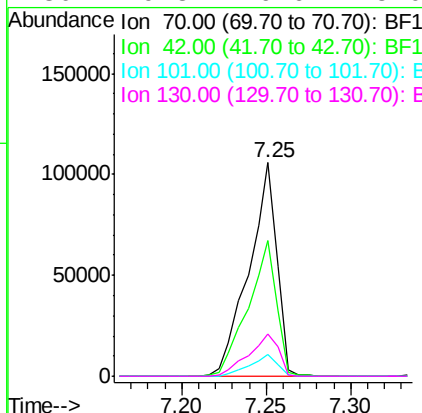
#19
n-Nitroso-di-n-propylamine
Concen: 48.372 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

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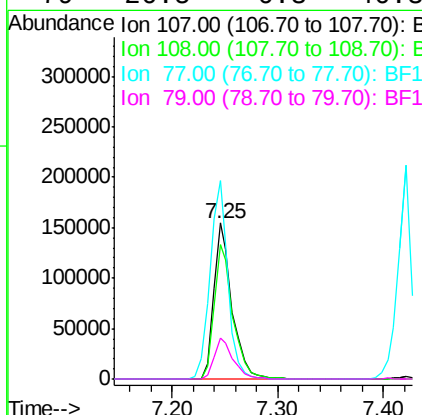
Sohil
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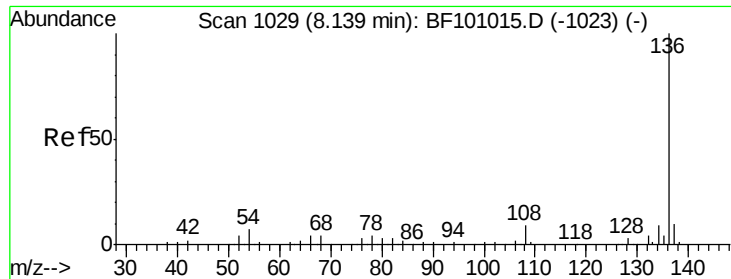
Tot Ion	70	Resp	122901
Ion Ratio	Lower	Upper	
70	100		
42	63.8	47.5	71.3
101	10.4	7.4	11.2
130	19.8	16.6	25.0



#20
3+4-Methylphenols
Concen: 52.435 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	107	Resp	187086
Ion Ratio	Lower	Upper	
107	100		
108	86.6	68.2	108.2
77	127.4	26.7	66.7#
79	26.5	6.3	46.3





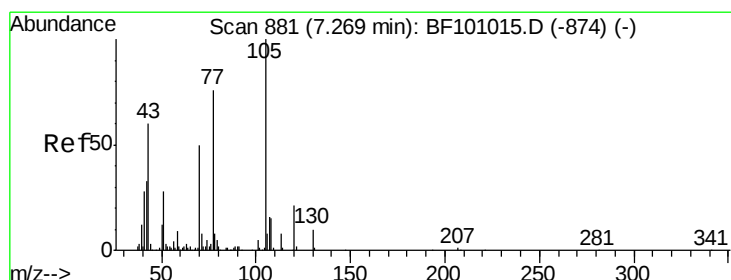
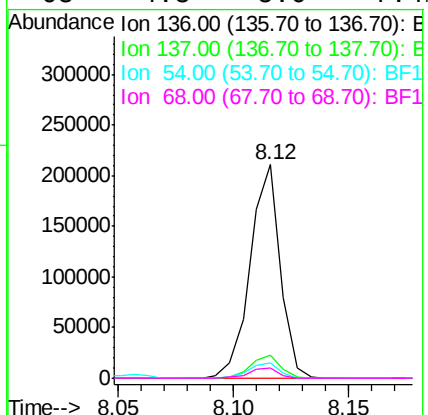
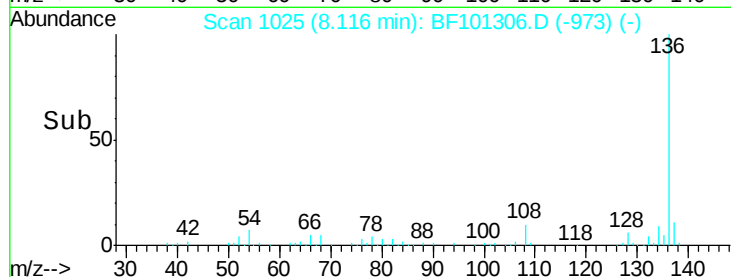
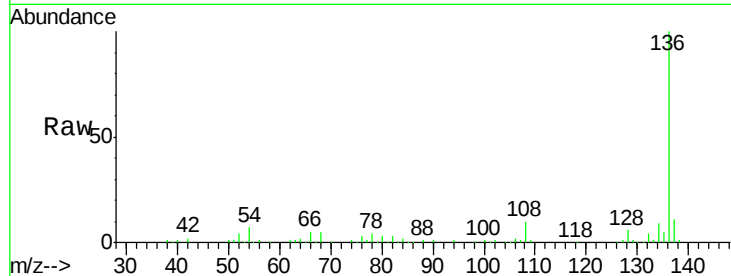
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		192342		
137	10.6		8.9	13.3	
54	7.5		6.6	9.8	
68	4.8		5.0	7.4	

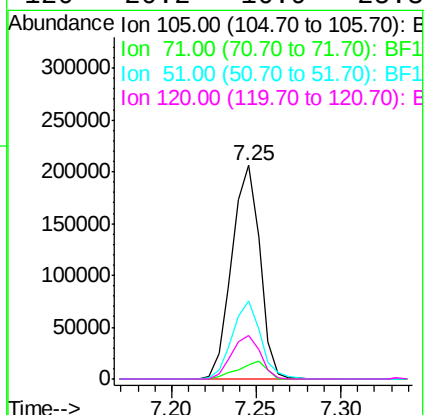
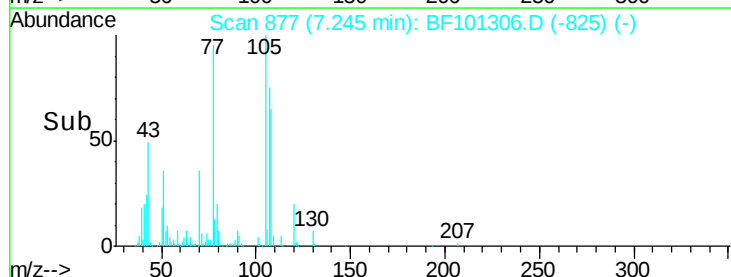
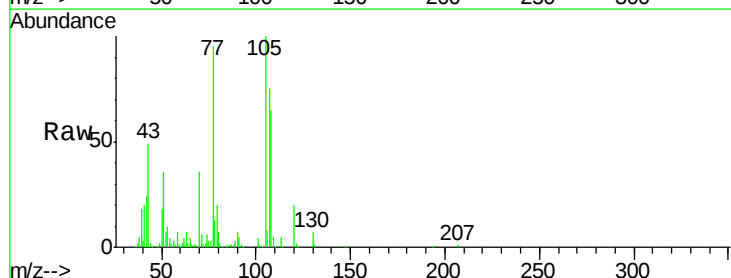
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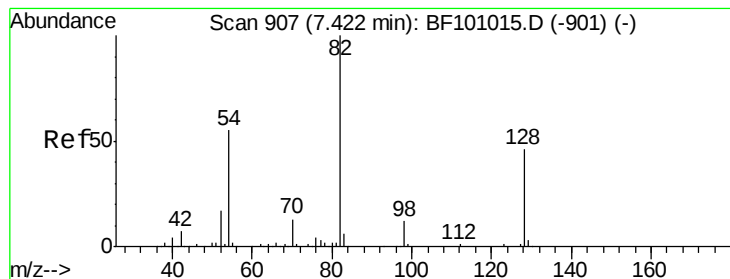
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#22
Acetophenone
Concen: 51.239 ng
RT: 7.25 min Scan# 877
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		238101		
71	6.4		4.4	6.6	
51	36.4		22.3	33.5	
120	20.2		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 103.236 ng

RT: 7.40 min Scan# 904

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

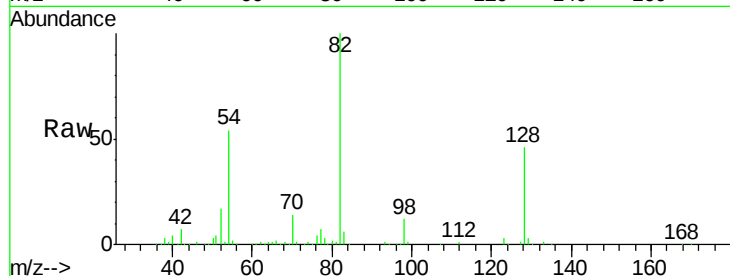
ClientSampleId :

PB104912BSD

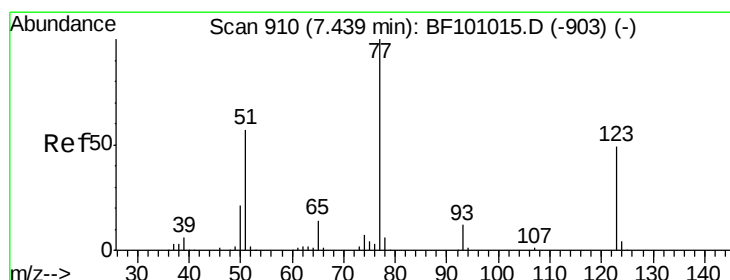
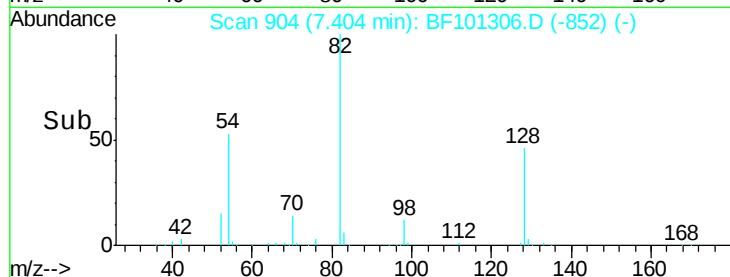
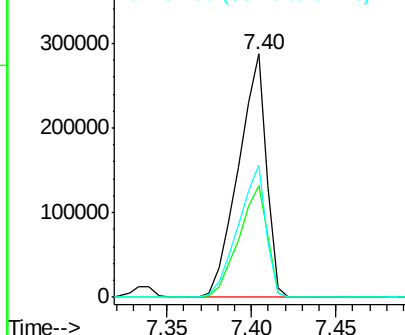
Tot Ion:	82	Resp:	332867
Ion Ratio	Lower	Upper	
82	100		
128	46.0	36.1	54.1
54	54.2	41.4	62.2

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Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 56.702 ng

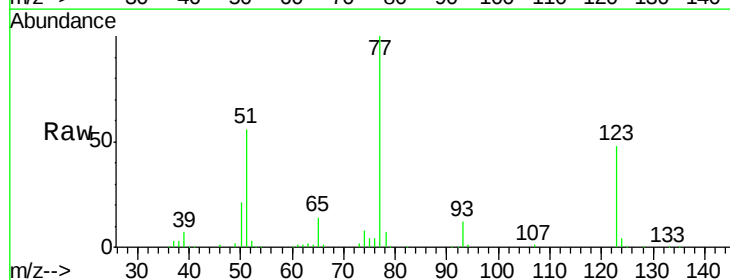
RT: 7.42 min Scan# 907

Delta R.T. 0.01 min

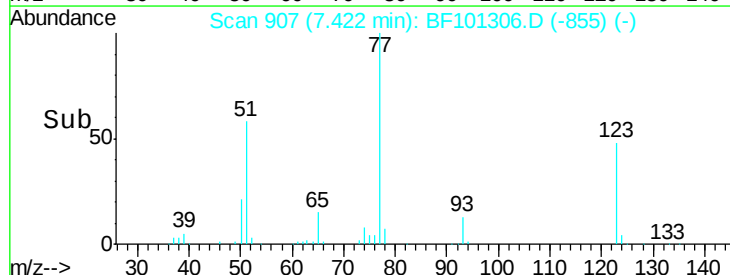
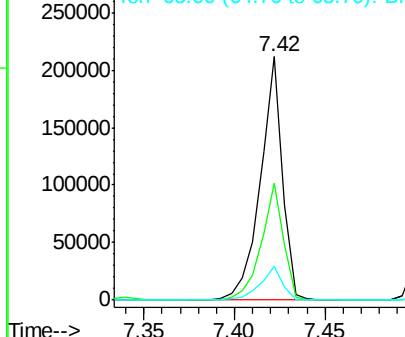
Lab File: BF101306.D

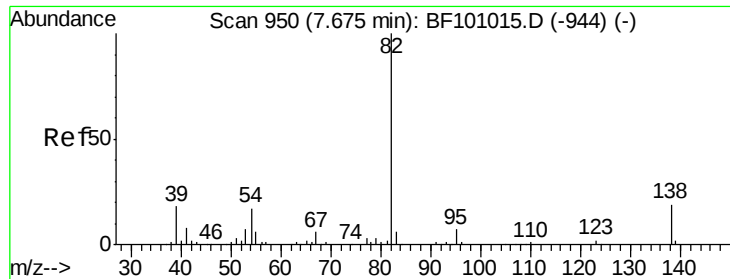
Acq: 12 Dec 2017 1:35

Tgt Ion:	77	Resp:	179185
Ion Ratio	Lower	Upper	
77	100		
123	48.1	37.9	56.9
65	14.1	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 58.920 ng

RT: 7.66 min Scan# 947

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

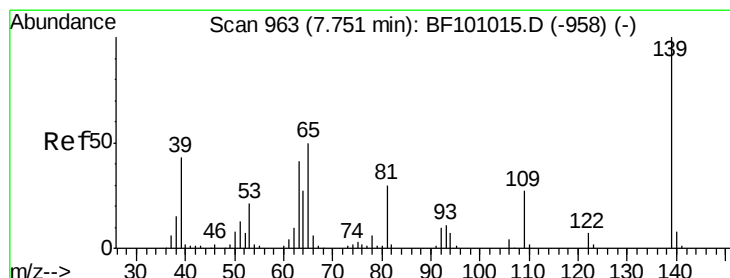
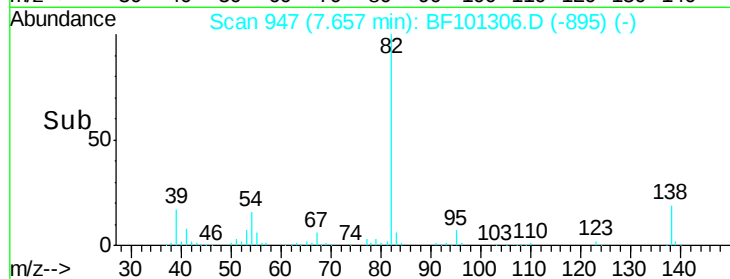
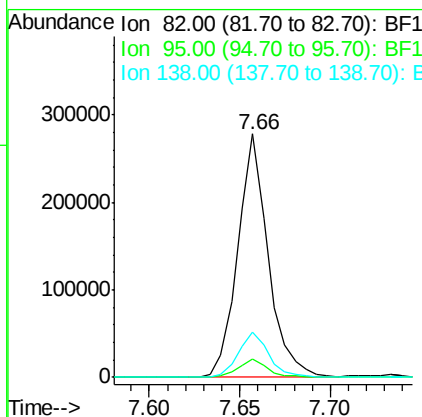
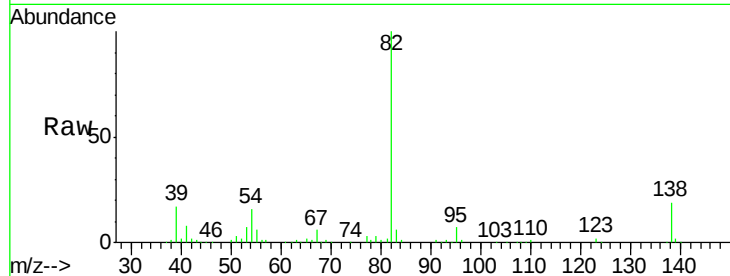
ClientSampleId :

PB104912BSD

Tot Ion:	82	Resp:	324507
Ion Ratio		Lower	Upper
82	100		
95	7.5	5.2	7.8
138	18.6	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 51.063 ng

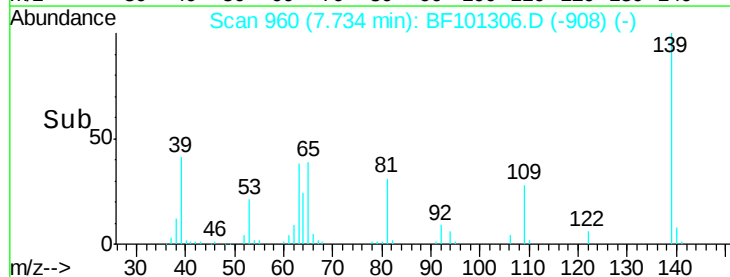
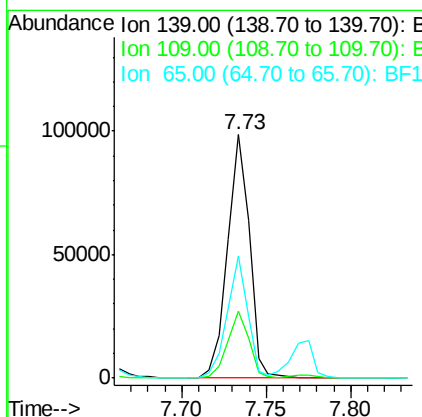
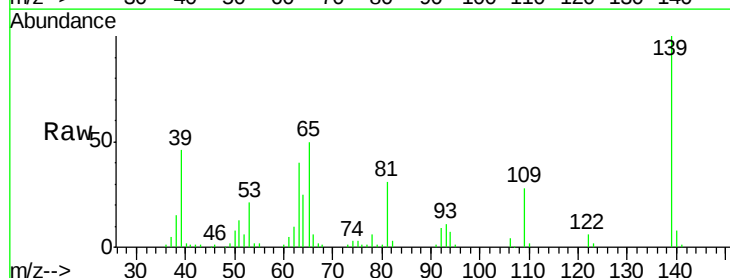
RT: 7.73 min Scan# 960

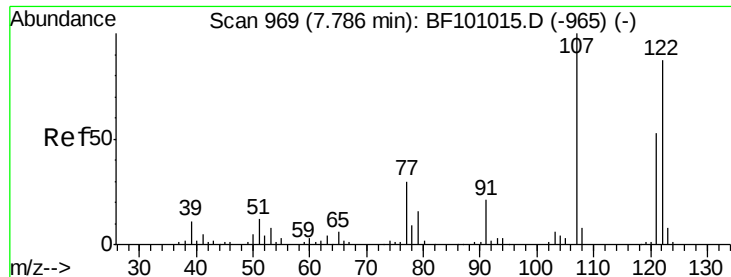
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	139	Resp:	88581
Ion Ratio		Lower	Upper
139	100		
109	27.6	22.7	34.1
65	49.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 63.037 ng

RT: 7.77 min Scan# 967

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

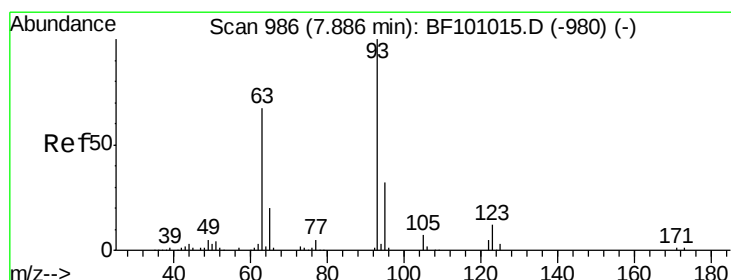
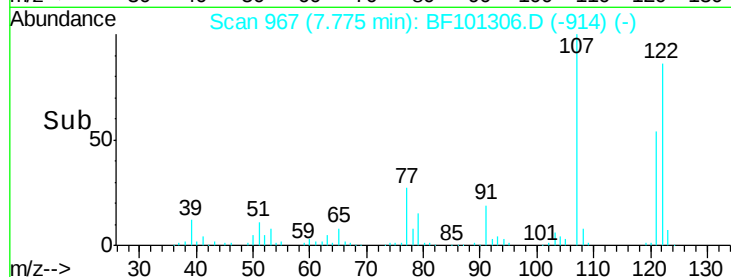
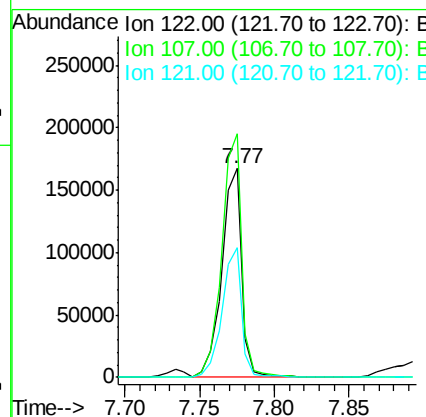
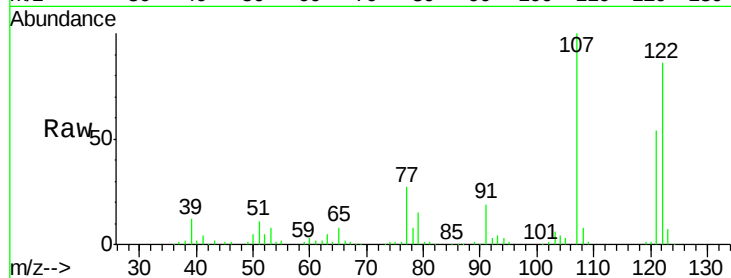
ClientSampled :

PB104912BSD

Tot Ion:	122	Resp:	158188
Ion Ratio	Lower	Upper	
122	100		
107	116.7	91.2	136.8
121	62.5	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 55.368 ng

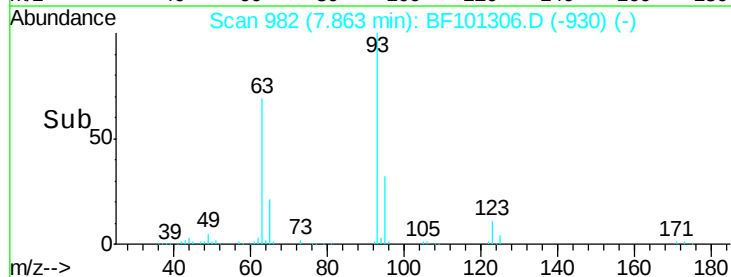
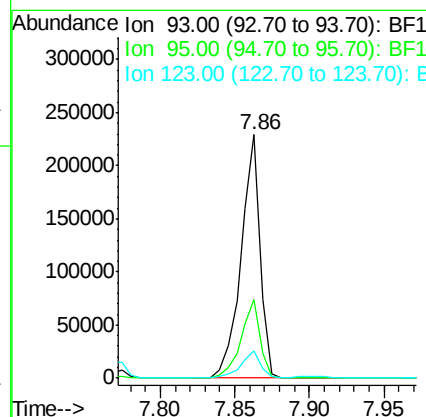
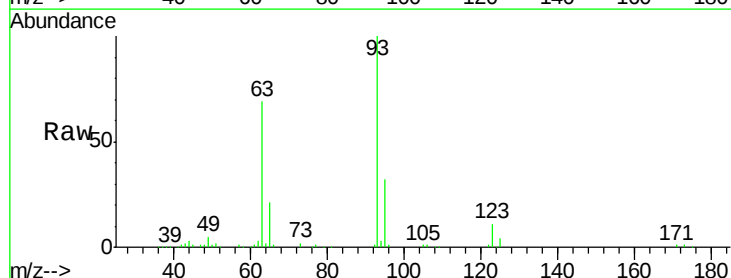
RT: 7.86 min Scan# 982

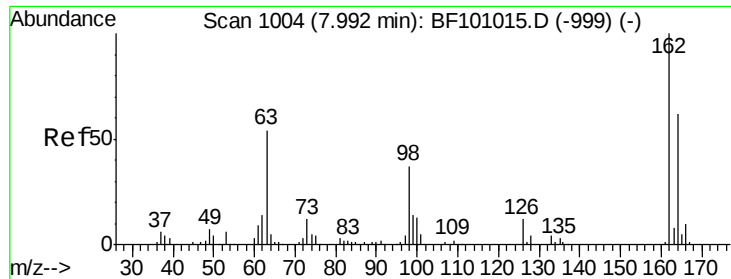
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	93	Resp:	204952
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	11.0	9.8	14.6





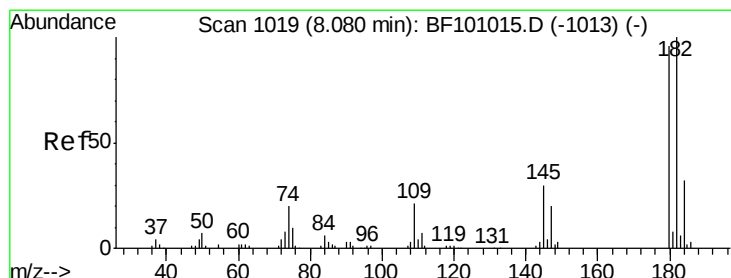
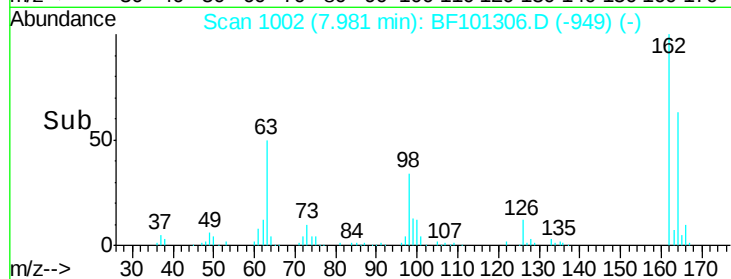
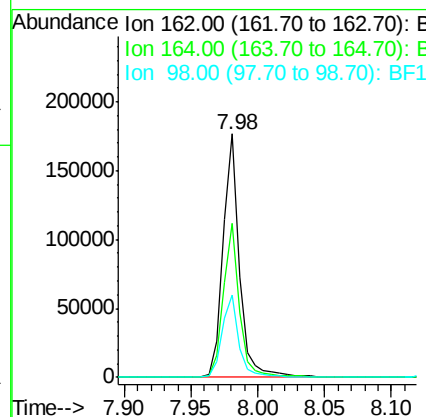
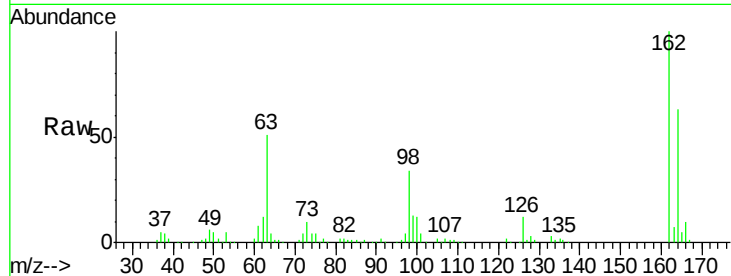
#29
 2,4-Dichlorophenol
 Concen: 56.468 ng
 RT: 7.98 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampled :
 PB104912BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	63.3	42.7	82.7
98	34.0	18.1	58.1

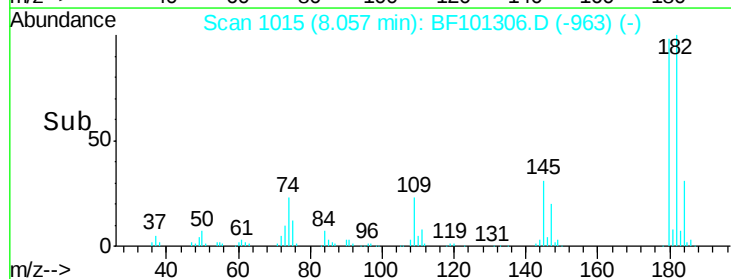
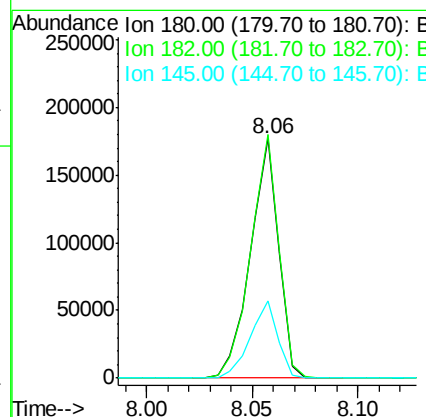
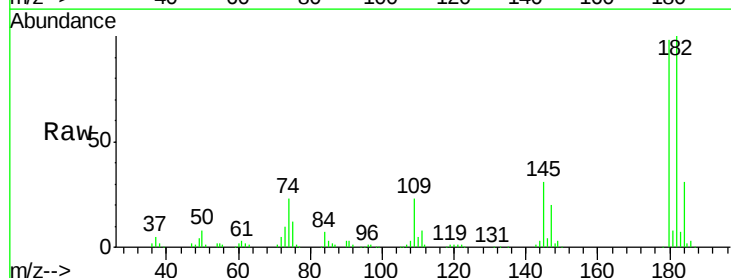
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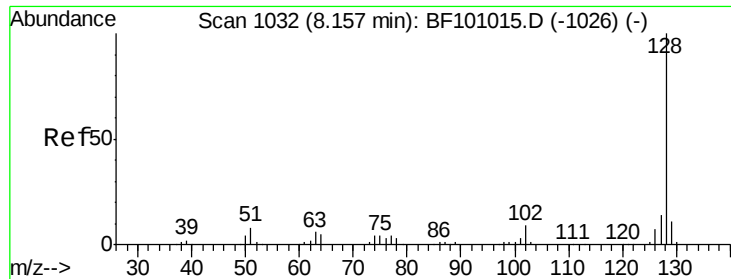
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#30
 1,2,4-Trichlorobenzene
 Concen: 54.761 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	101.8	76.8	115.2
145	32.0	26.5	39.7





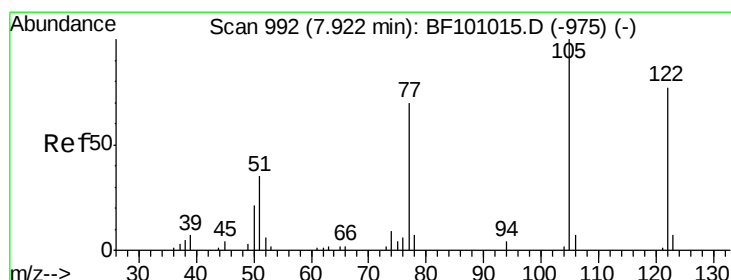
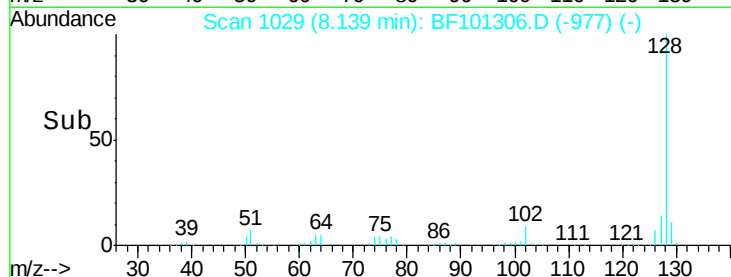
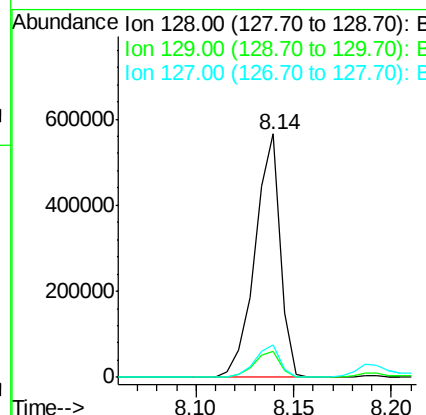
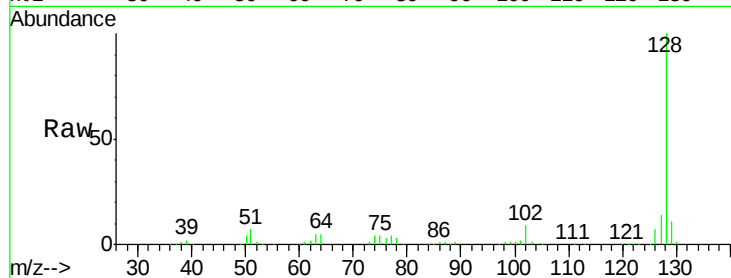
#31
Naphthalene
Concen: 53.410 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.8	8.8	13.2
127	13.6	10.9	16.3

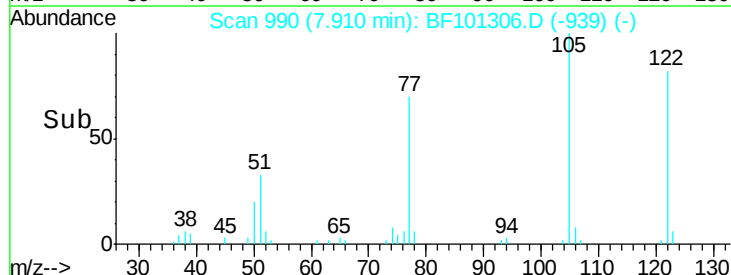
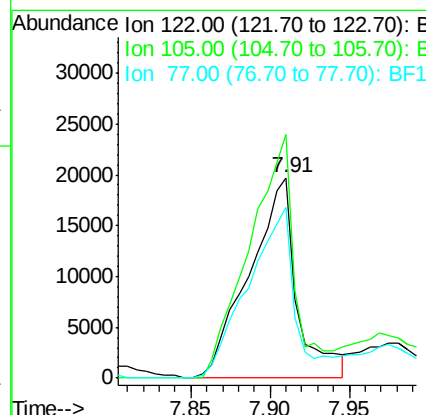
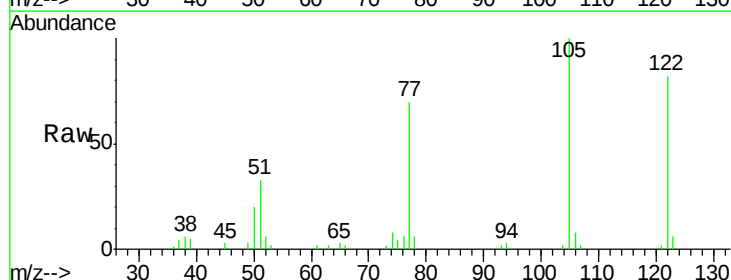
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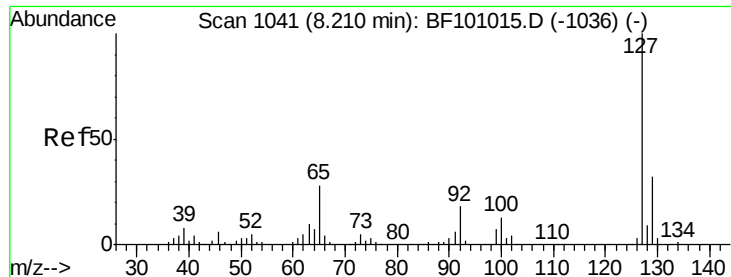
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#32
Benzoic acid
Concen: 21.196 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.5	101.1	141.1
77	85.4	70.7	110.7





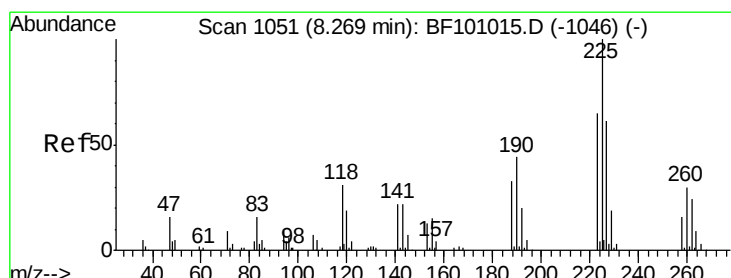
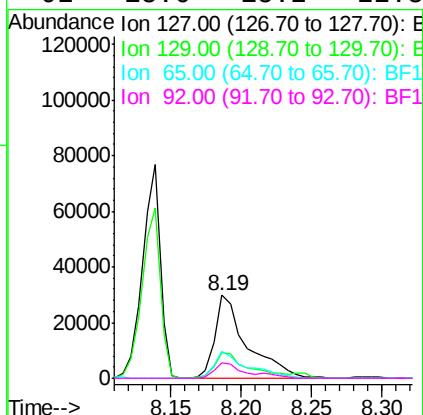
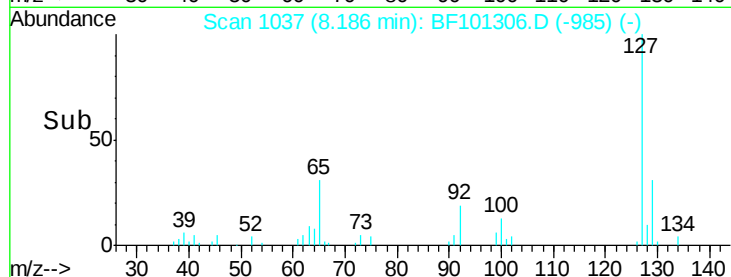
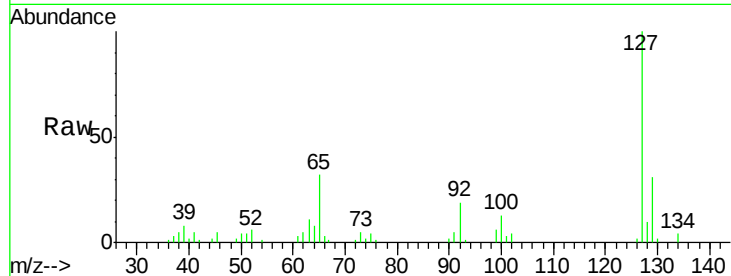
#33
 4-Chloroaniline
 Concen: 12.428 ng
 RT: 8.19 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.9	38.9
65	32.4	25.0	37.4
92	18.6	15.2	22.8

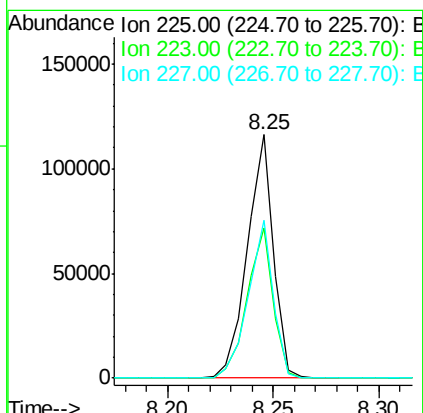
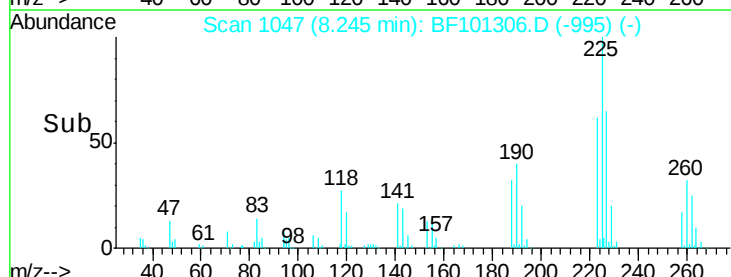
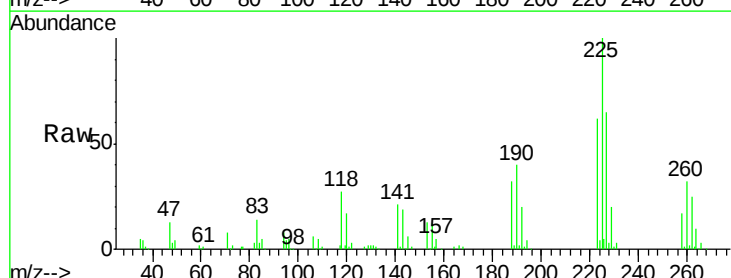
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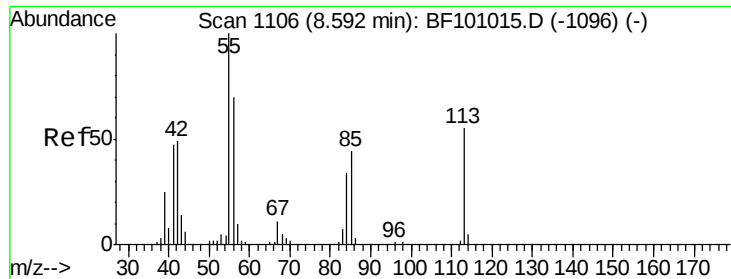
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#34
 Hexachlorobutadiene
 Concen: 54.011 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	64.7	51.9	77.9





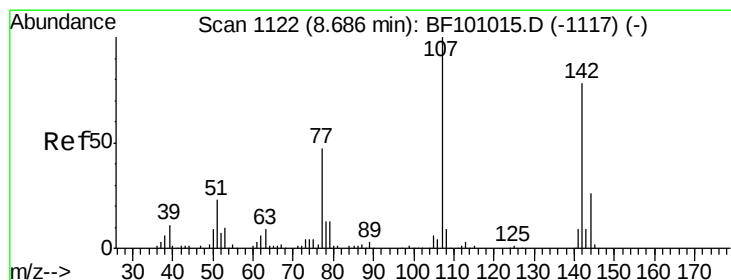
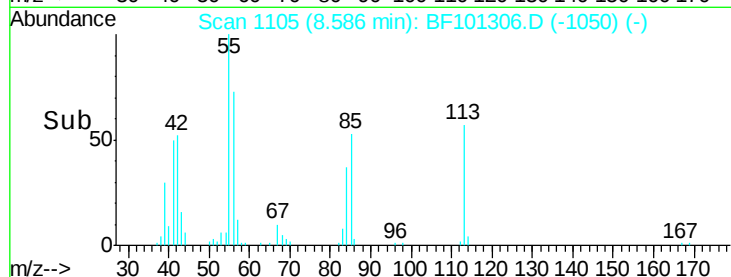
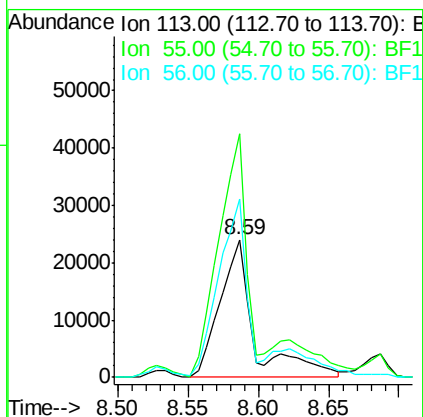
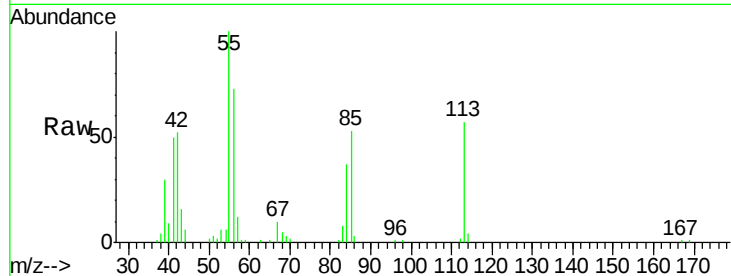
#35
Caprolactam
Concen: 48.120 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.02 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleID :
PB104912BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	176.7	163.3	203.3
56	129.2	115.7	155.7

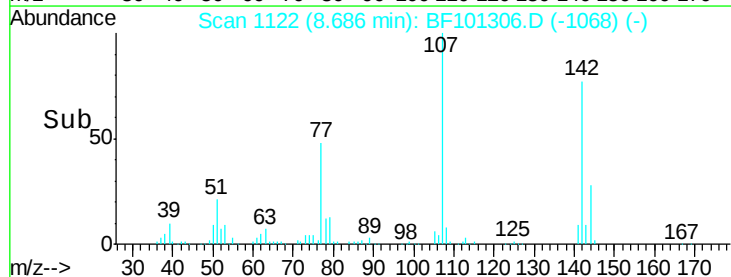
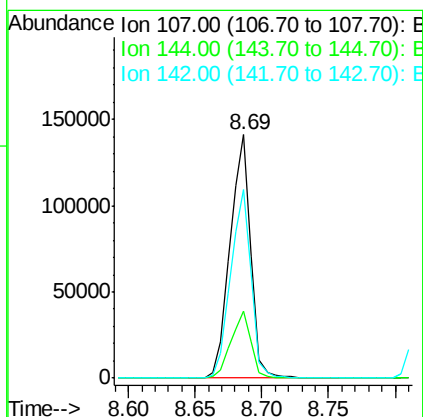
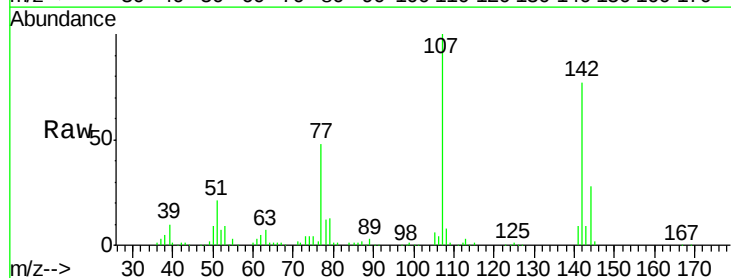
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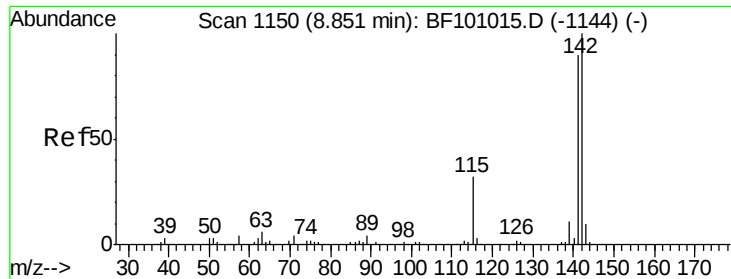
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#36
4-Chloro-3-methylphenol
Concen: 54.104 ng/ml
RT: 8.69 min Scan# 1122
Delta R.T. 0.02 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.5	20.5	30.7
142	77.4	62.0	93.0





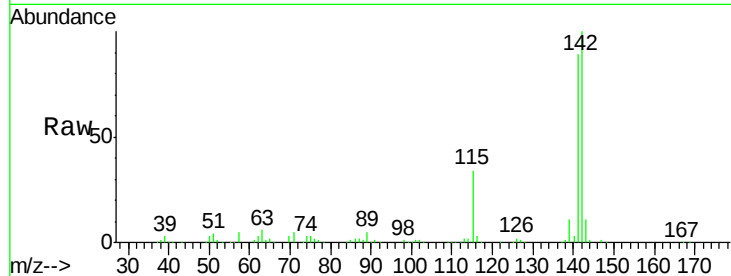
#37
2-Methylnaphthalene
Concen: 53.889 ng
RT: 8.83 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

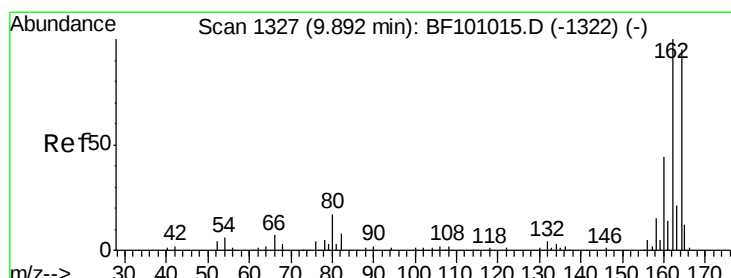
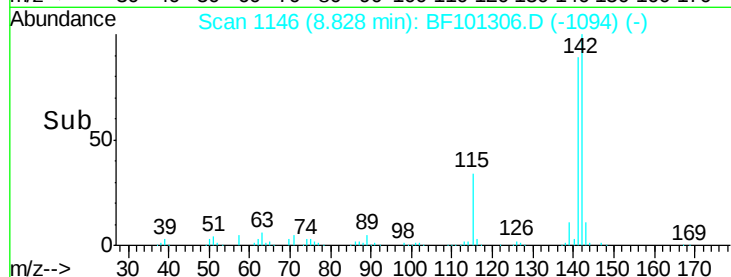
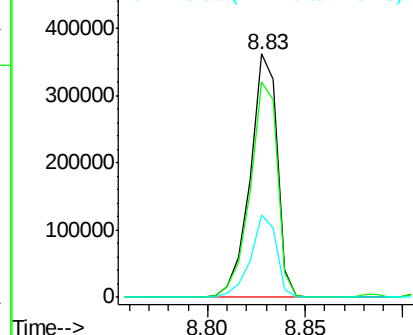
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.8	106.2
115	33.9	26.1	39.1

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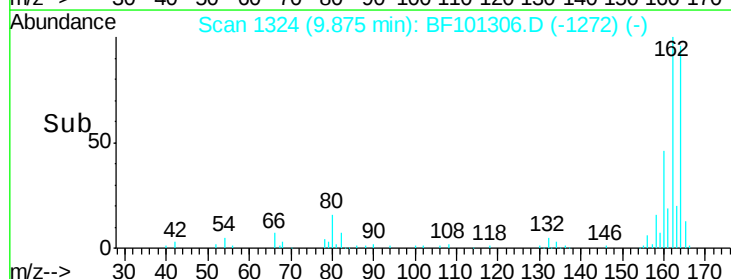
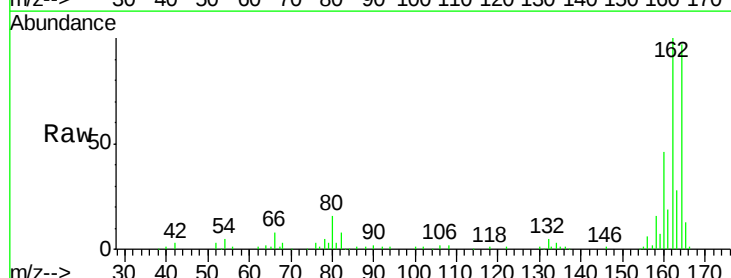
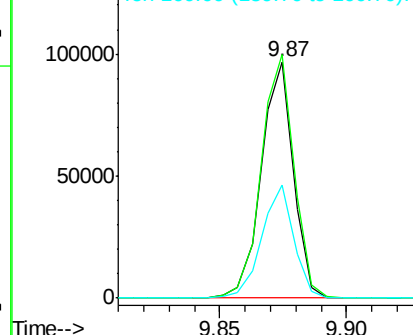
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

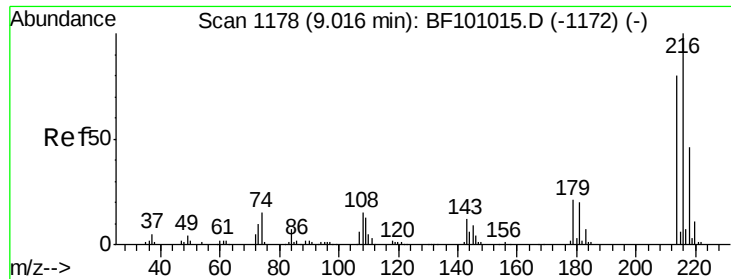


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	86.1	129.1
160	47.7	38.3	57.5

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





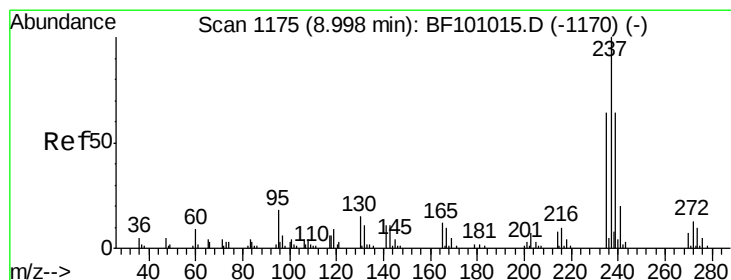
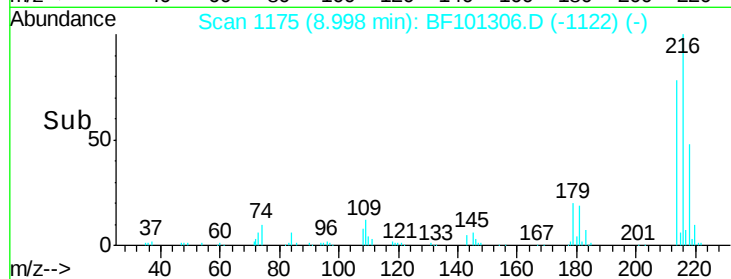
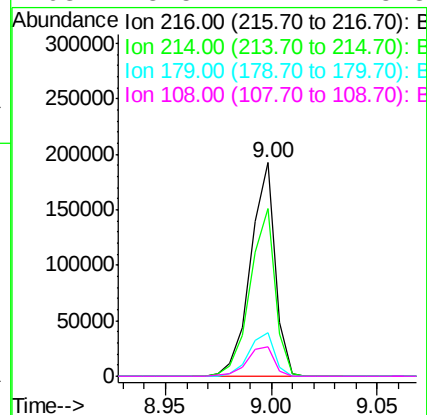
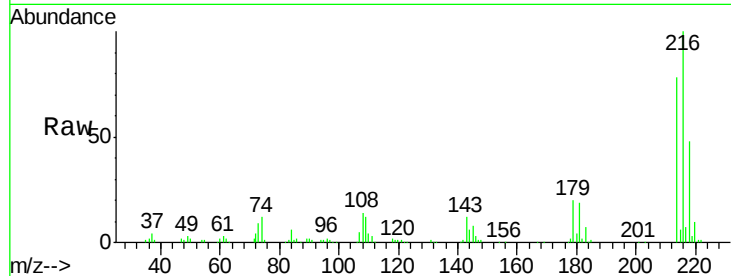
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 50.147 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.9	63.0	94.4
179	20.9	18.1	27.1
108	15.5	17.2	25.8#

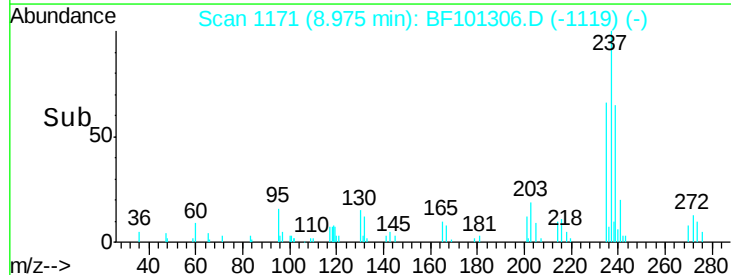
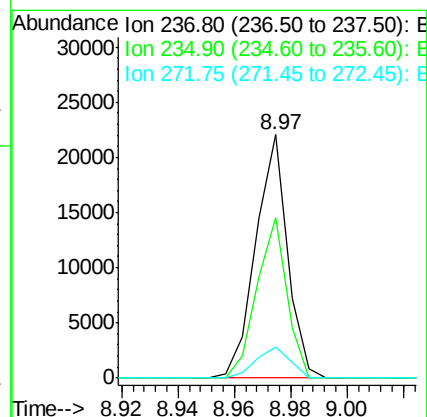
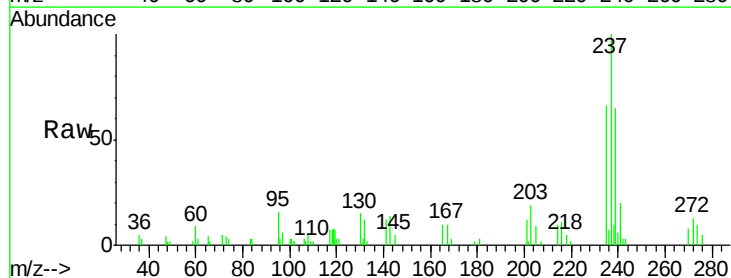
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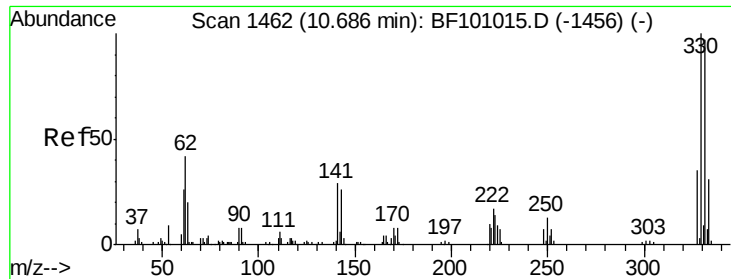
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#40
 Hexachlorocyclopentadiene
 Concen: 21.841 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	65.9	44.8	84.8
272	12.8	0.0	33.3





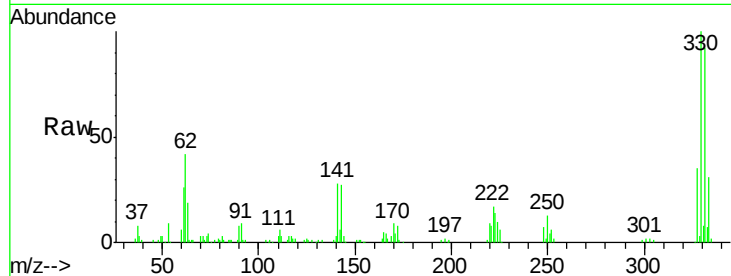
#41
 2,4,6-Tribromophenol
 Concen: 82.578 ng
 RT: 10.67 min Scan# 1459
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

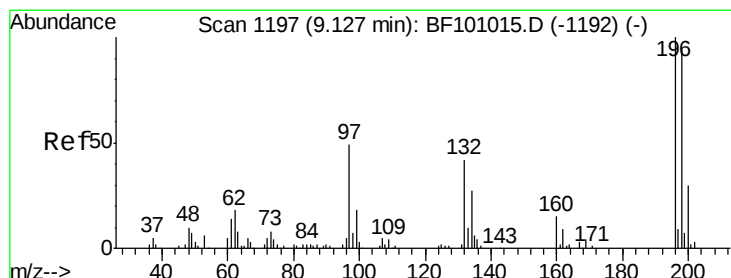
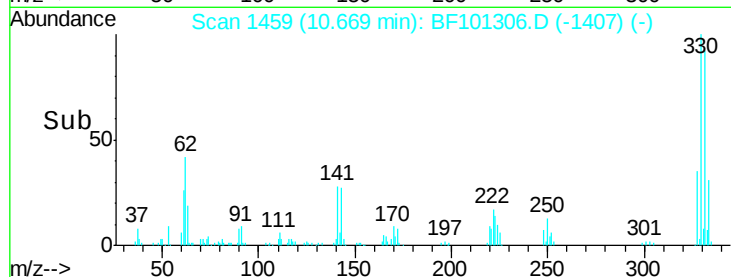
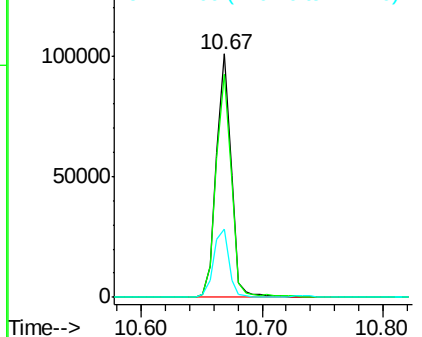
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.1	77.0	115.6	
141	29.1	29.9	44.9	

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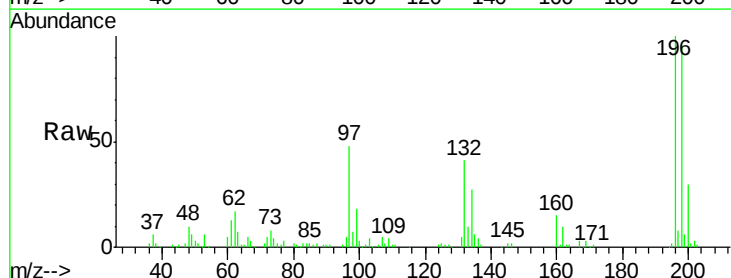


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

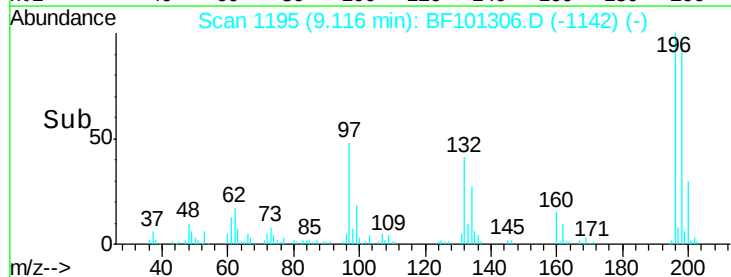
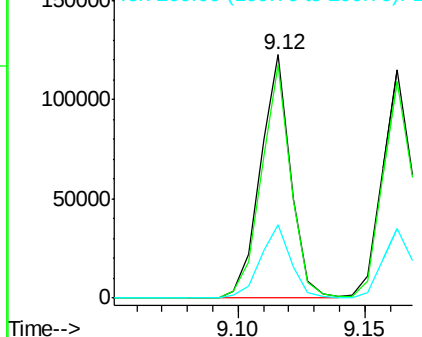


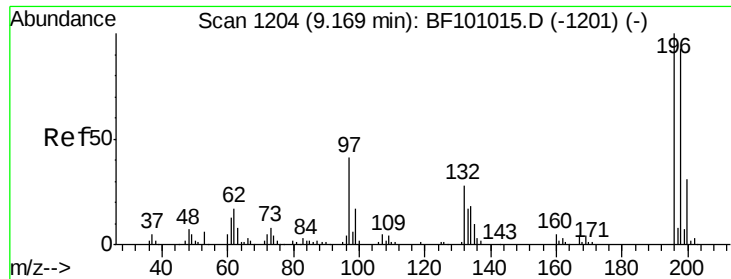
#42
 2,4,6-Trichlorophenol
 Concen: 56.310 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	95.8	75.7	113.5	
200	30.1	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





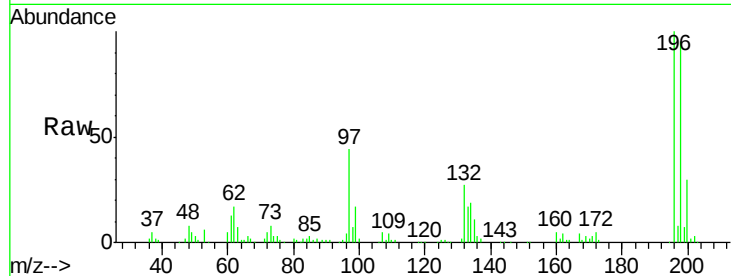
#43
 2,4,5-Trichlorophenol
 Concen: 53.312 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.02 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	103808		
198	95.0	74.6	112.0	
97	43.5	42.9	64.3	
132	27.1	26.3	39.5	

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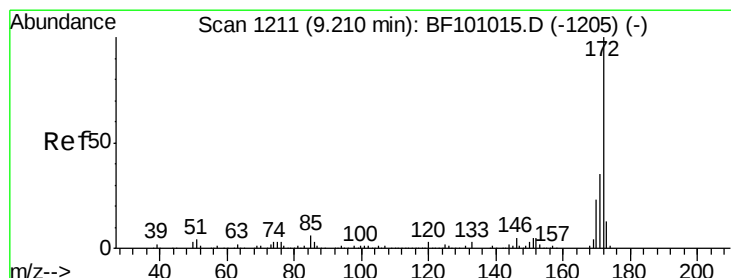
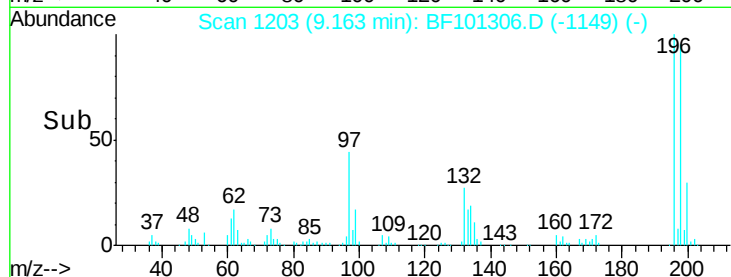
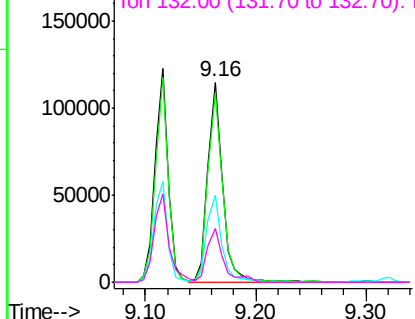
Abundance

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): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 109.975 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

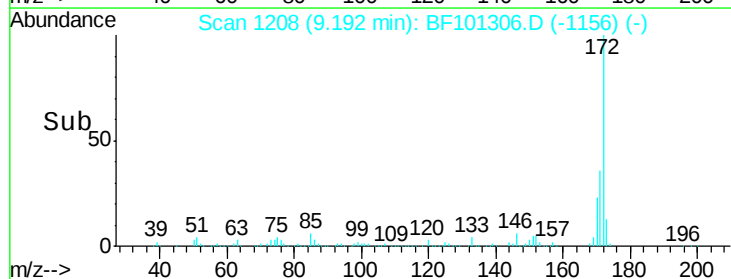
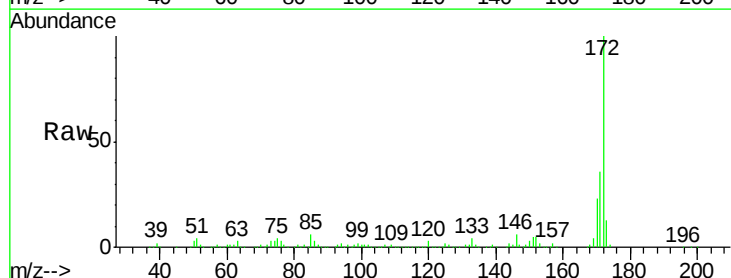
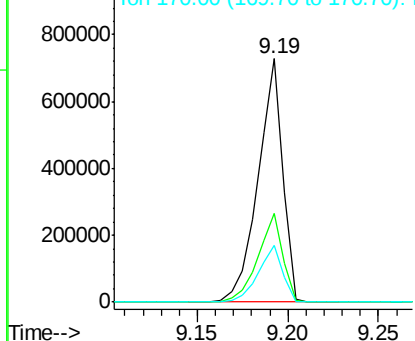
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	687454		
171	36.3	29.7	44.5	
170	23.3	19.6	29.4	

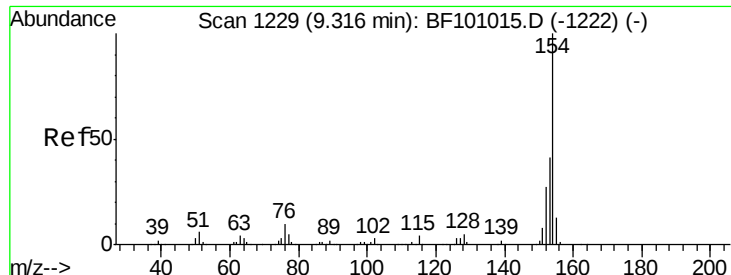
Abundance

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: 51.295 ng

RT: 9.29 min Scan# 1225

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

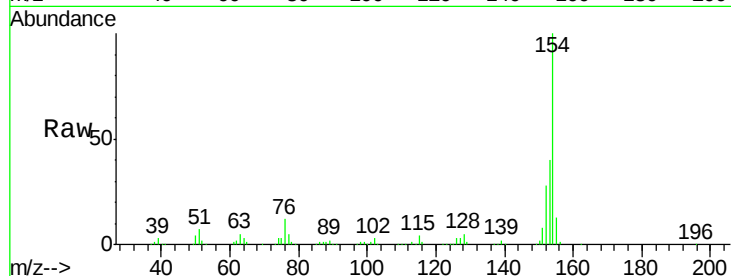
ClientSampleId :

PB104912BSD

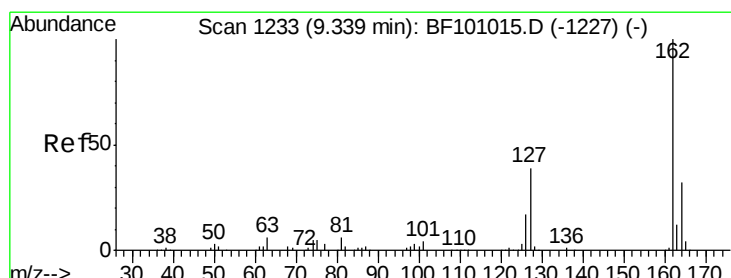
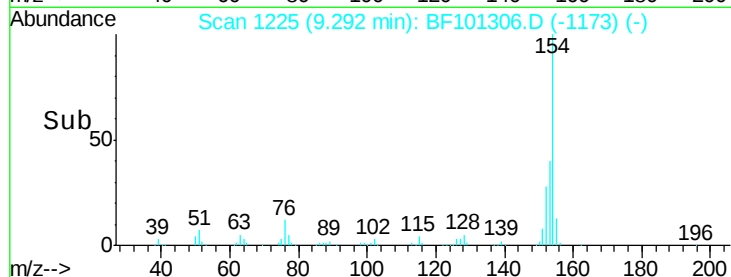
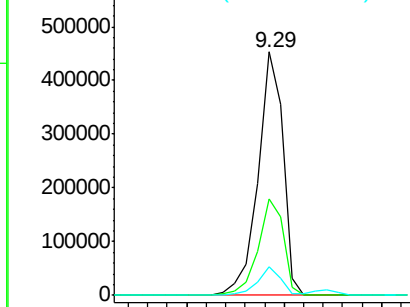
Tot Ion:	154	Resp:	401945
Ion Ratio		Lower	Upper
154	100		
153	39.5	21.3	61.3
76	11.7	0.0	34.0

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



#46

2-Chloronaphthalene

Concen: 56.177 ng

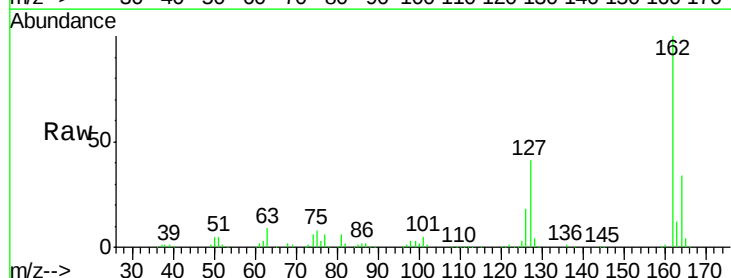
RT: 9.32 min Scan# 1230

Delta R.T. 0.01 min

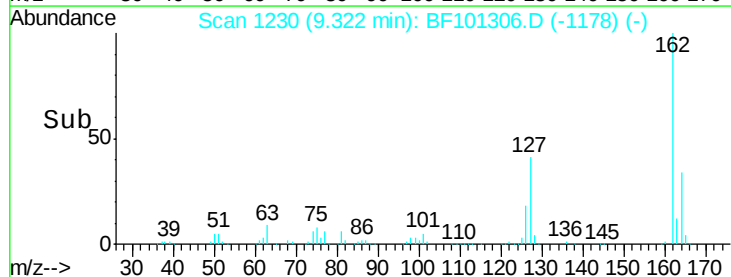
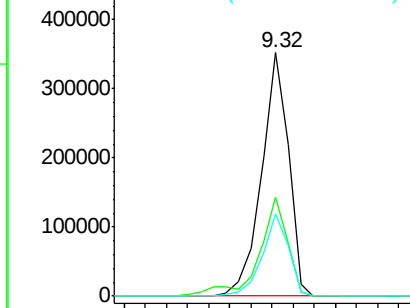
Lab File: BF101306.D

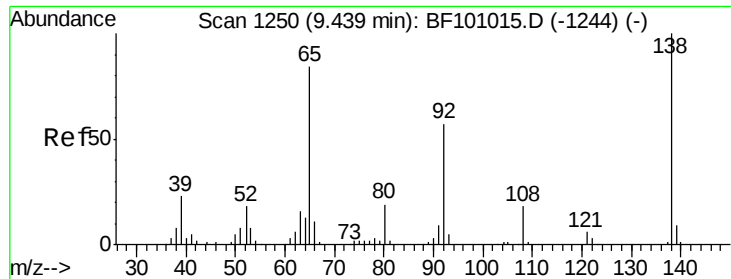
Acq: 12 Dec 2017 1:35

Tgt Ion:	162	Resp:	312617
Ion Ratio		Lower	Upper
162	100		
127	40.7	33.9	50.9
164	33.6	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





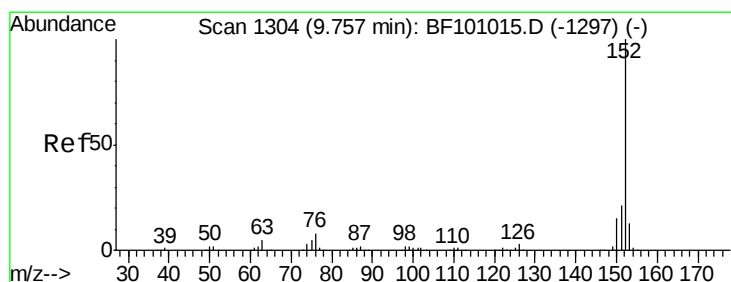
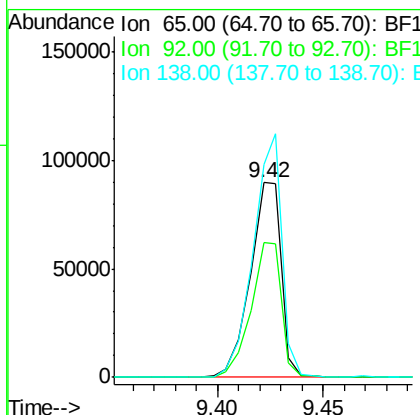
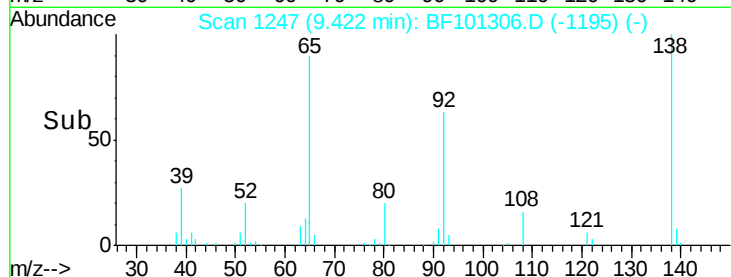
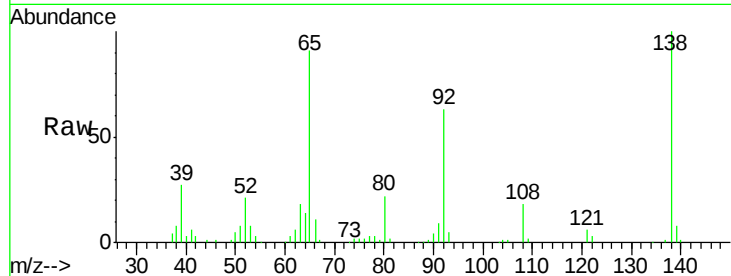
#47
2-Nitroaniline
Concen: 55.634 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.8	83.6
138	109.5	91.2	136.8

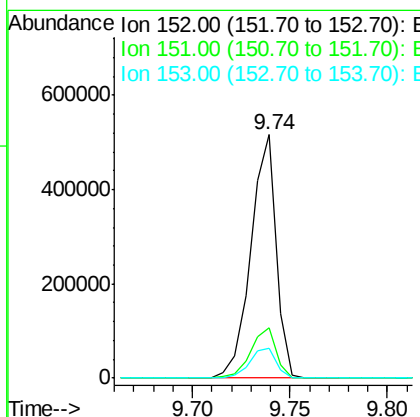
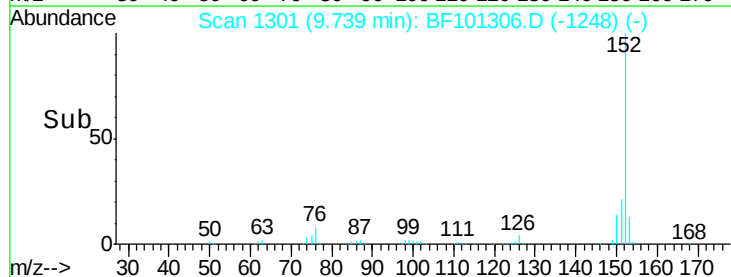
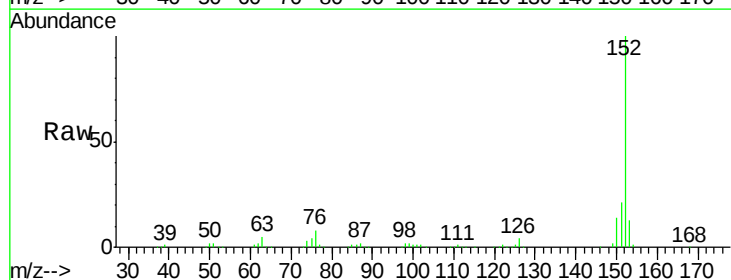
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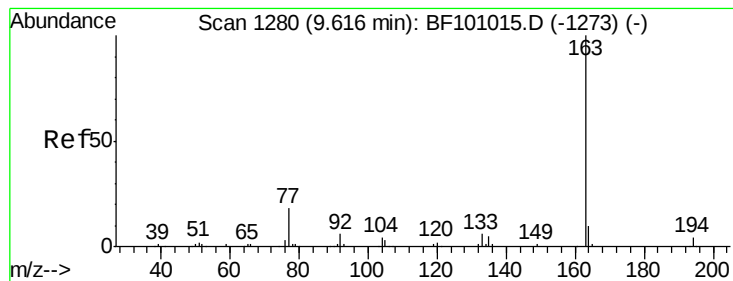
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#48
Acenaphthylene
Concen: 50.749 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	12.5	10.7	16.1





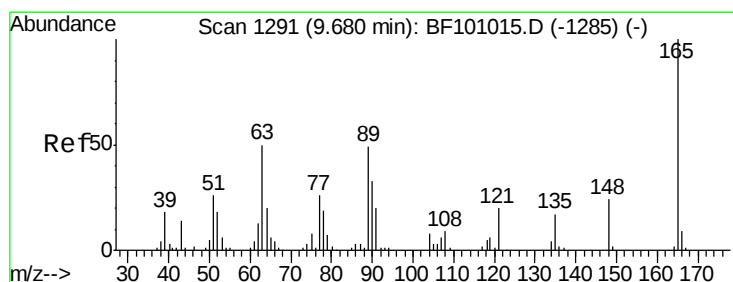
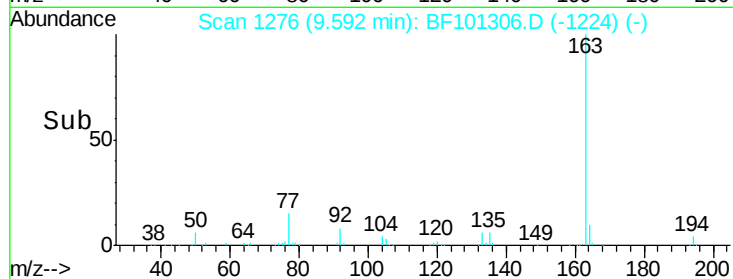
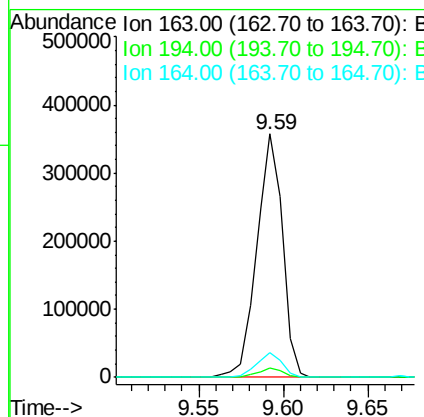
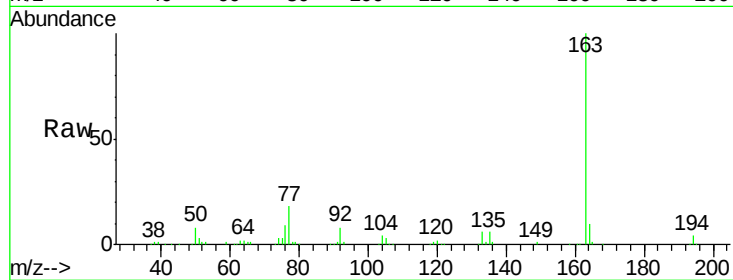
#49
 Dimethylphthalate
 Concen: 55.063 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion:	163	Resp:	379794
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	9.9	8.2	12.2

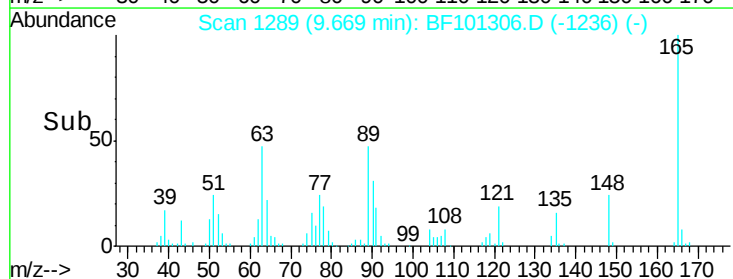
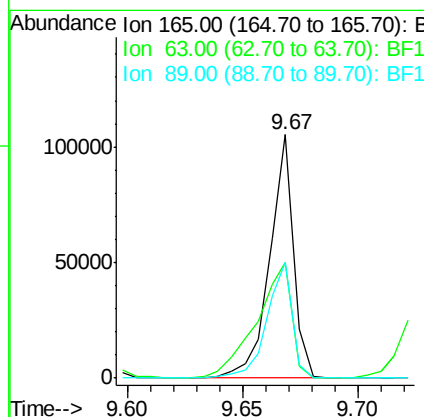
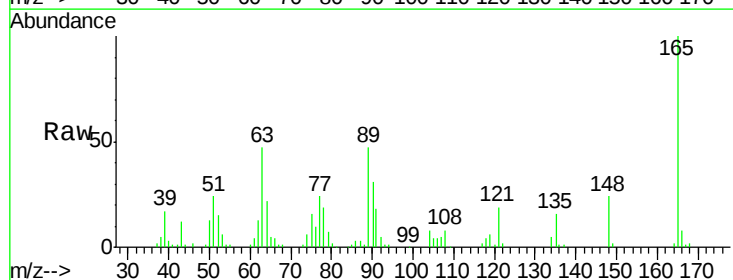
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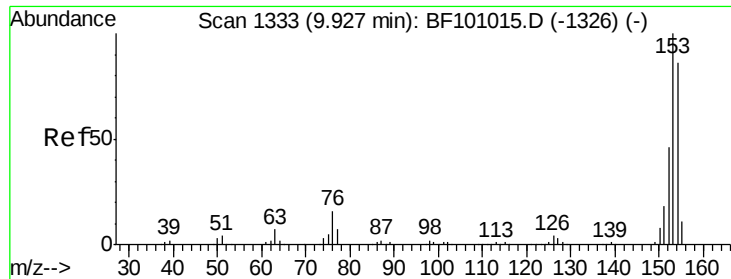
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#50
 2,6-Dinitrotoluene
 Concen: 52.099 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion:	165	Resp:	75687
Ion Ratio	Lower	Upper	
165	100		
63	47.5	44.7	67.1
89	47.3	44.0	66.0





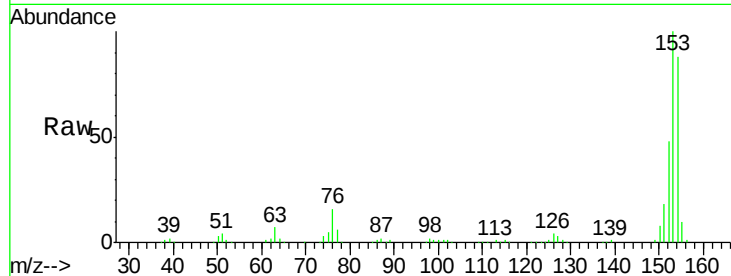
#51
Acenaphthene
Concen: 50.086 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

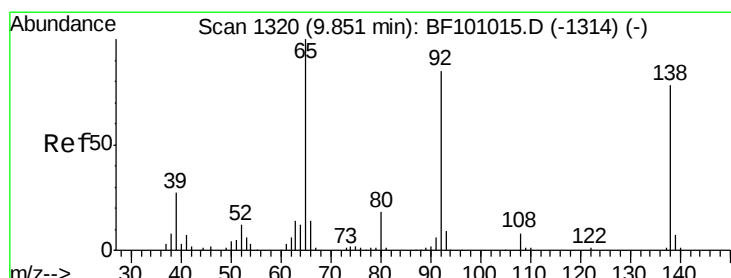
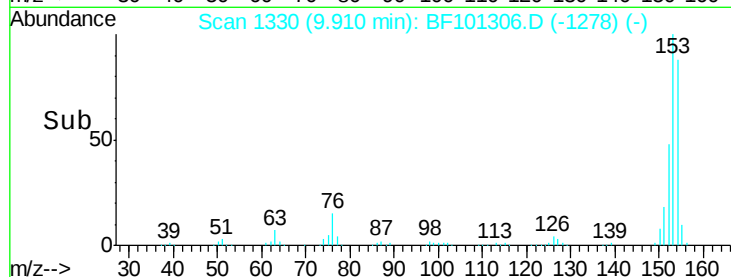
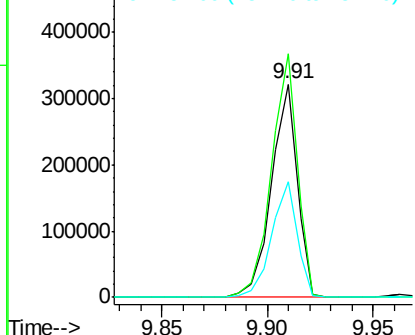
Tot Ion	Ratio	Lower	Upper
154	100		
153	114.1	91.2	136.8
152	54.2	43.8	65.8

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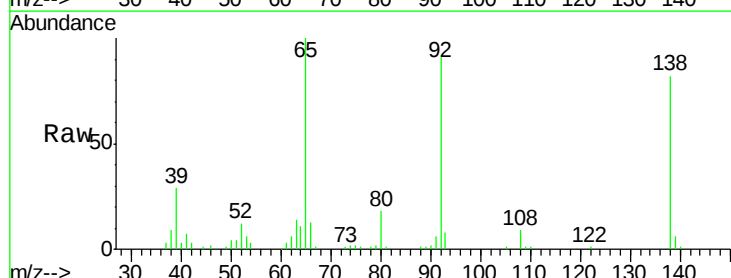


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

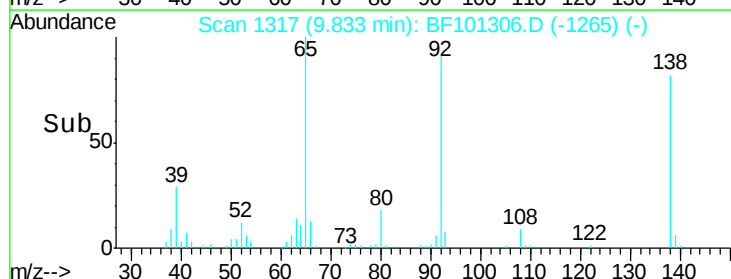
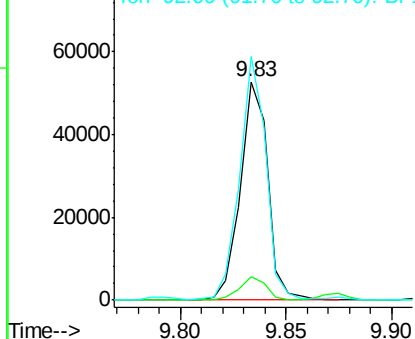


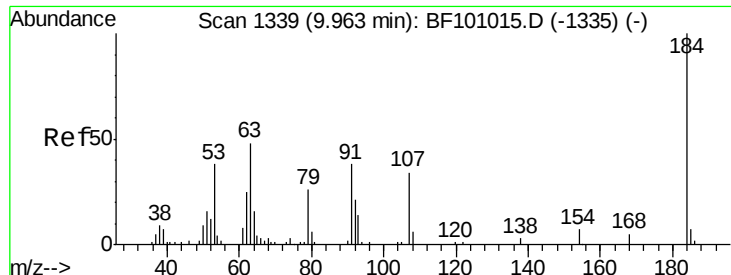
#52
3-Nitroaniline
Concen: 29.065 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	111.6	89.4	134.2



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





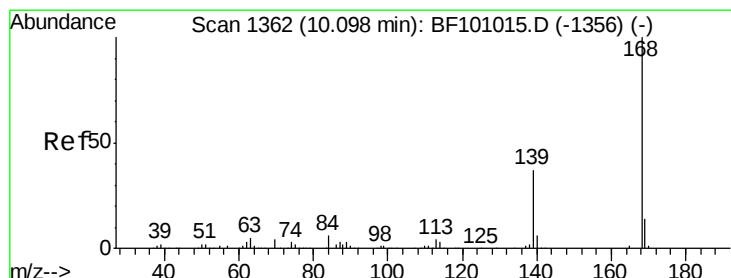
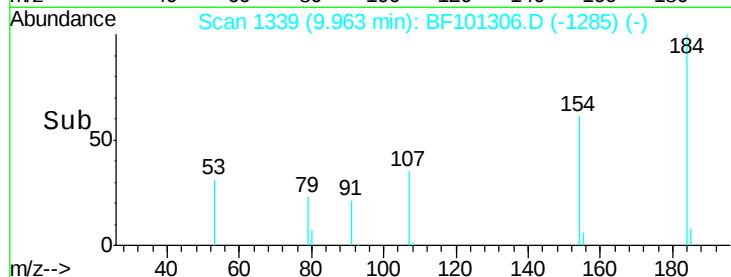
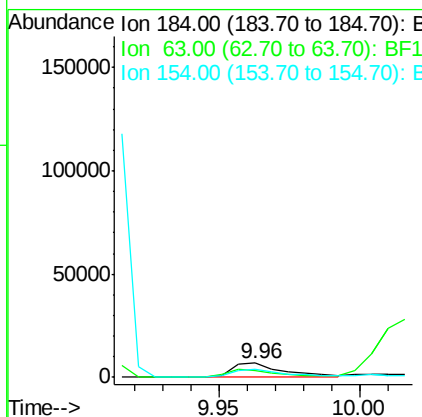
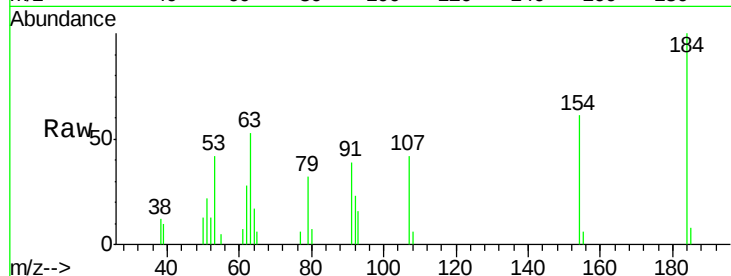
#53
 2,4-Dinitrophenol
 Concen: 15.909 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.02 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	53.4	54.2	81.2#	
154	61.1	184.0	276.0#	

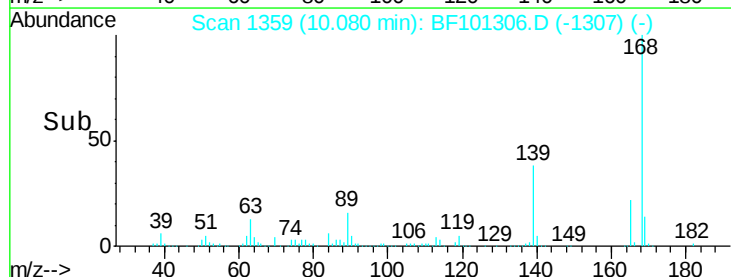
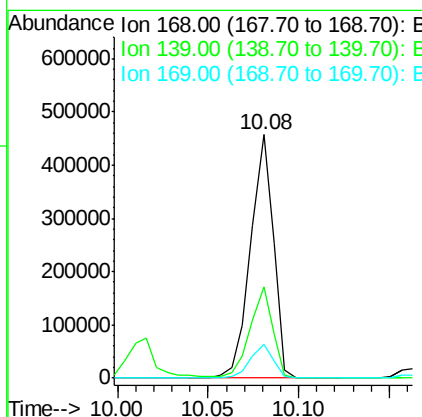
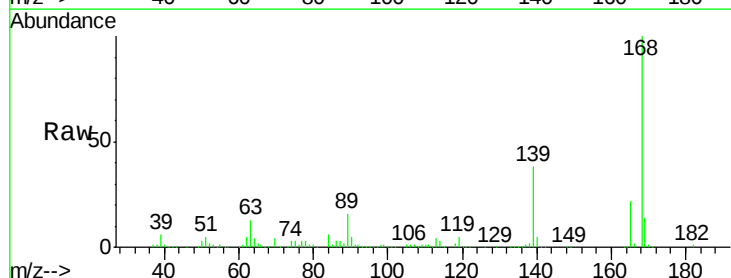
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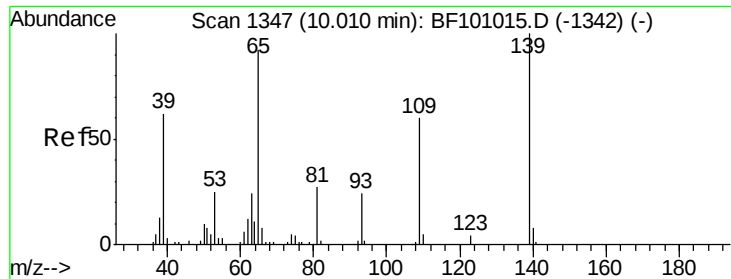
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#54
 Dibenzofuran
 Concen: 51.026 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	37.8	30.1	45.1	
169	14.1	10.9	16.3	





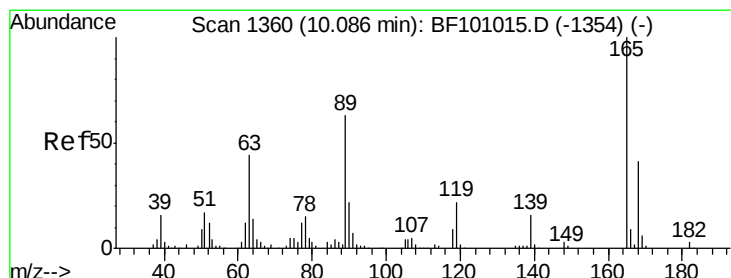
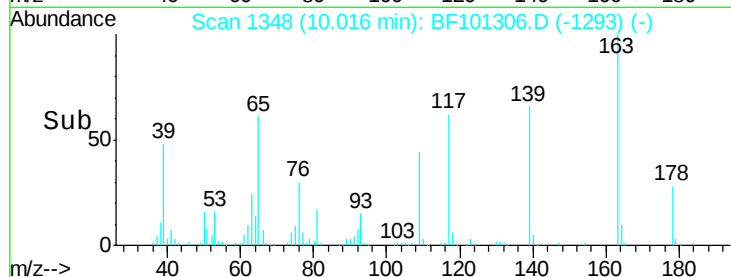
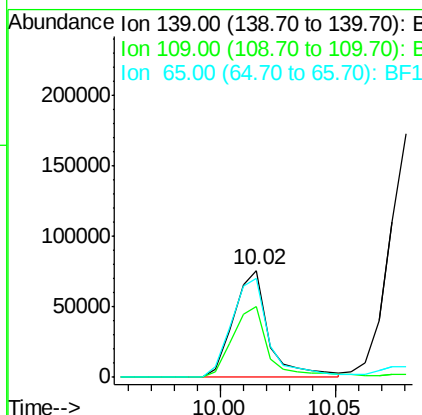
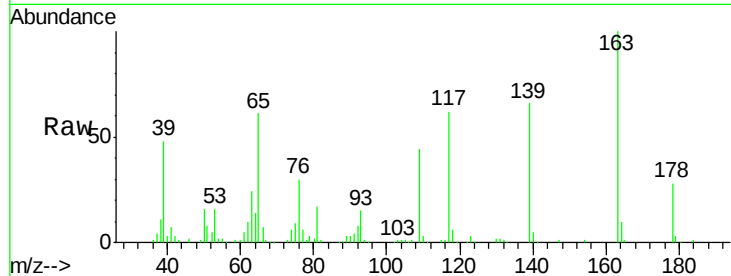
#55
4-Nitrophenol
Concen: 73.553 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Lower	Upper
139	100		
109	66.2	48.4	88.4
65	92.5	72.6	112.6

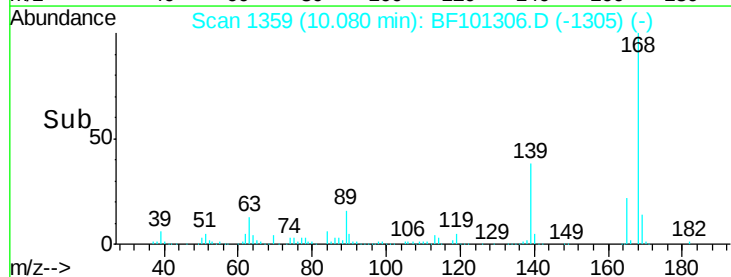
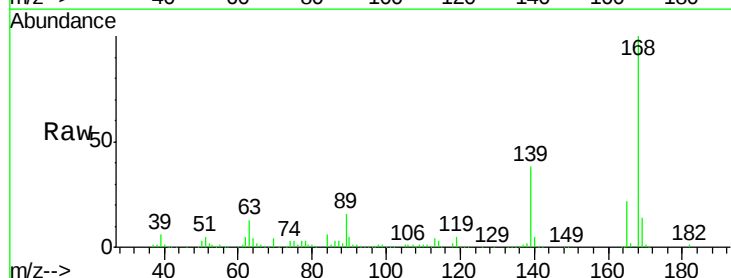
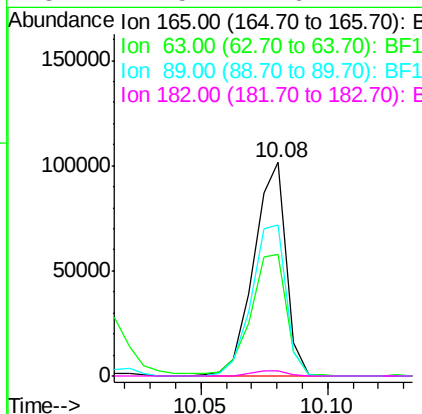
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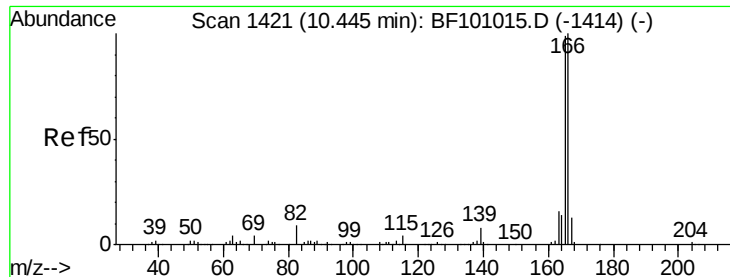
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#56
2,4-Dinitrotoluene
Concen: 46.027 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.02 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
165	100		
63	57.0	36.4	54.6#
89	70.5	57.8	86.6
182	2.5	1.6	2.4#





#57

Fluorene

Concen: 49.861 ng

RT: 10.43 min Scan# 1418

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

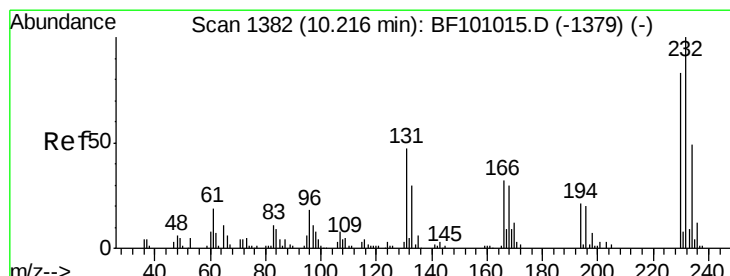
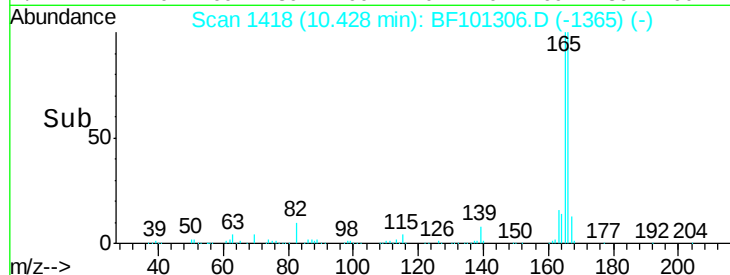
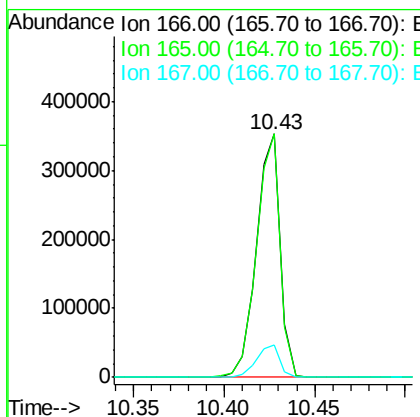
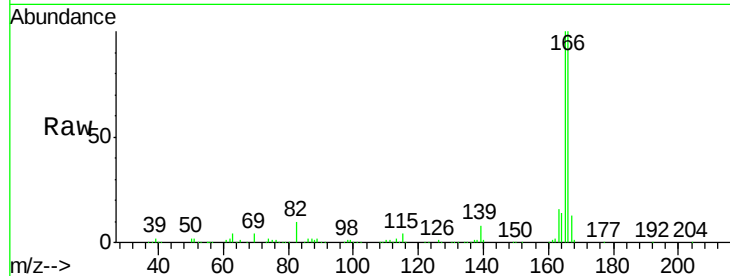
ClientSampleId :

PB104912BSD

Tot Ion:	166	Resp:	319866
Ion Ratio	Lower	Upper	
166	100		
165	99.9	79.8	119.8
167	13.2	10.6	16.0

Manual Integrations
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#58

2,3,4,6-Tetrachlorophenol

Concen: 48.181 ng

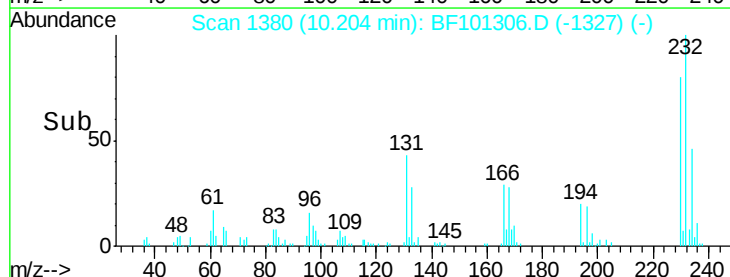
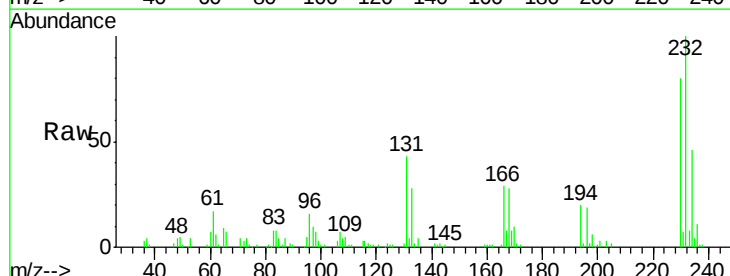
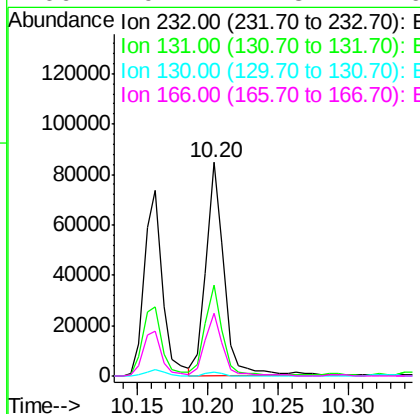
RT: 10.20 min Scan# 1380

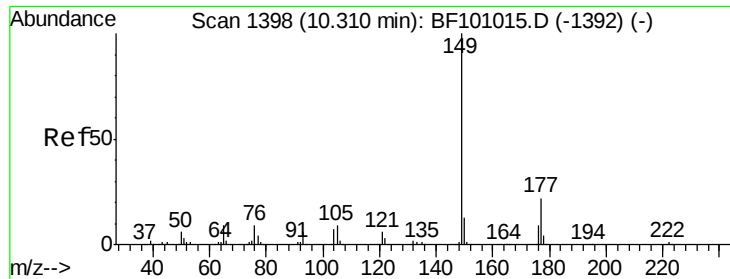
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	232	Resp:	75116
Ion Ratio	Lower	Upper	
232	100		
131	42.6	43.8	65.8#
130	1.7	2.1	3.1#
166	29.2	27.8	41.6





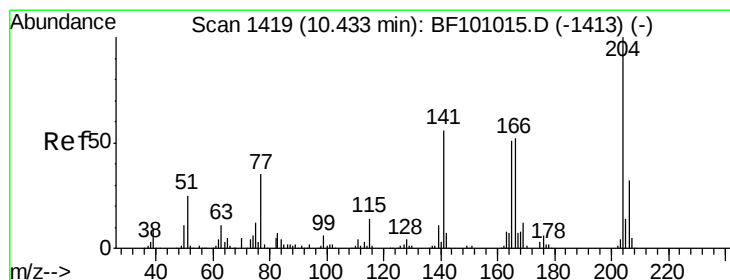
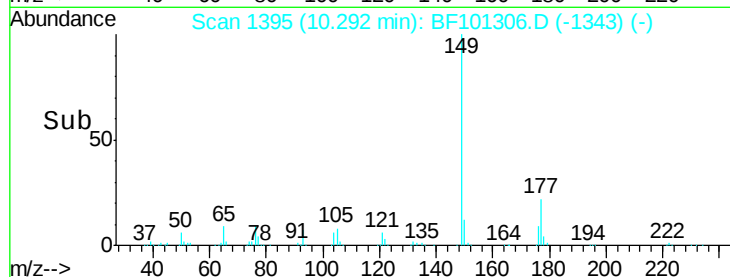
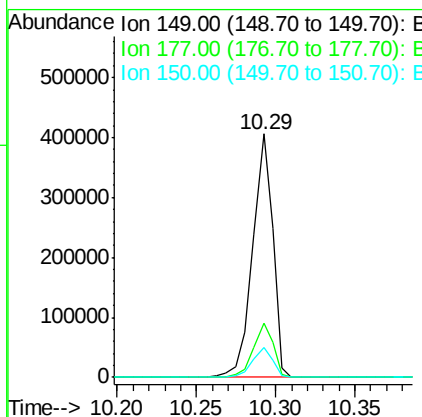
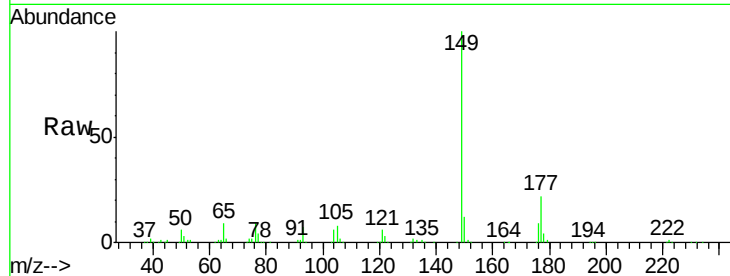
#59
Diethylphthalate
Concen: 52.530 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleID :
PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	357375		
177	22.2	16.1	24.1	
150	12.4	10.1	15.1	

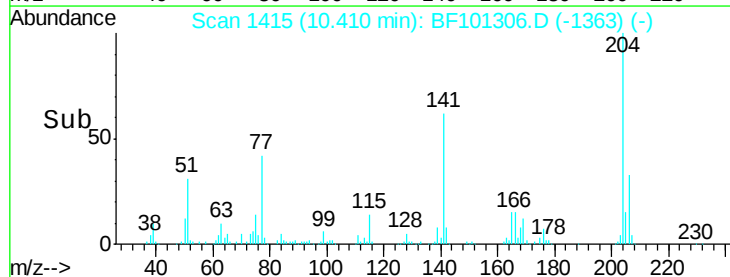
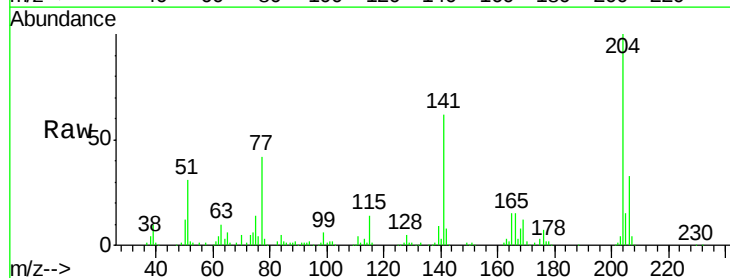
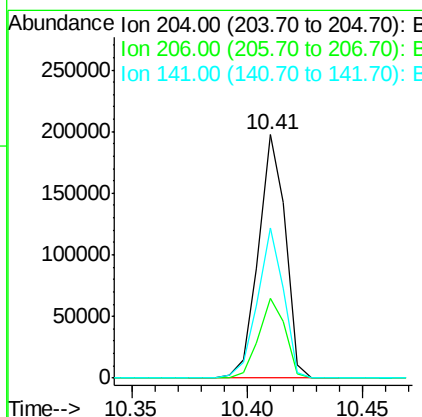
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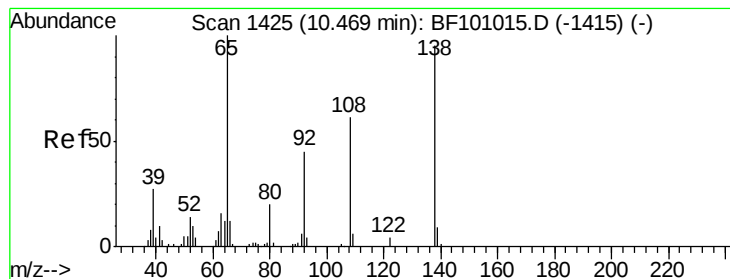
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 51.123 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	161930		
206	32.9	26.5	39.7	
141	61.9	54.6	81.8	





#61

4-Nitroaniline

Concen: 40.990 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

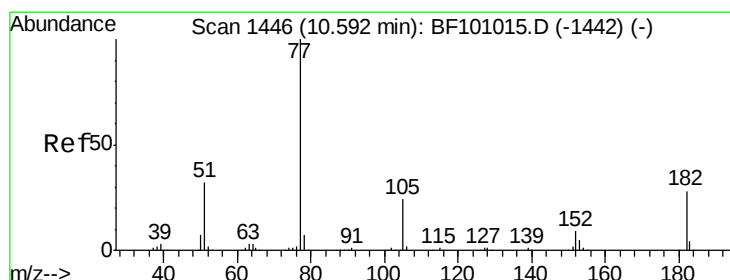
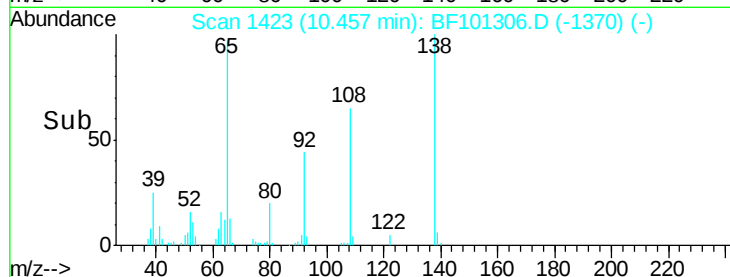
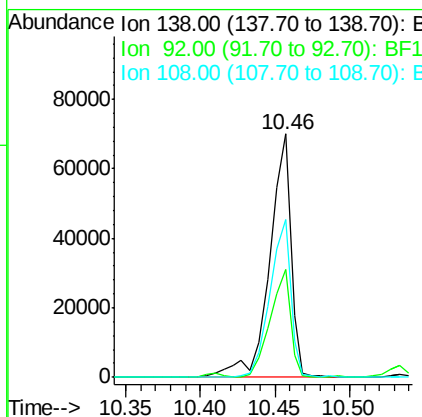
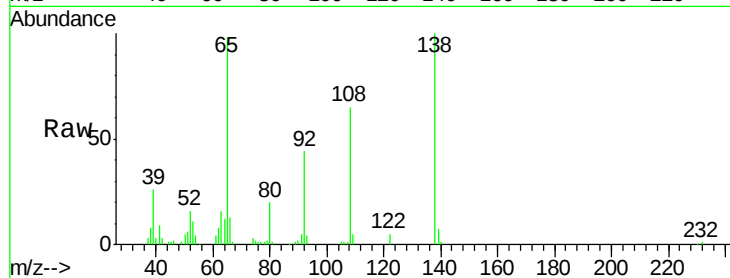
ClientSampleId :

PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100	69515		
92	44.1	30.2	70.2	
108	64.9	52.5	92.5	

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#62

Azobenzene

Concen: 51.284 ng

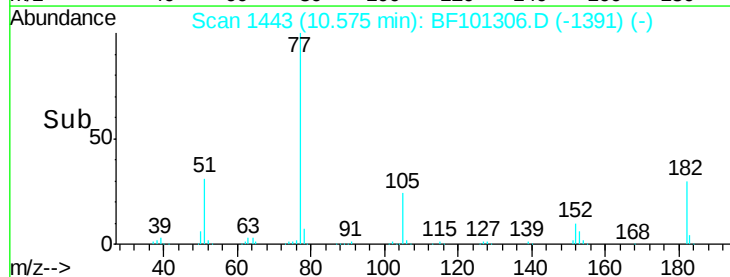
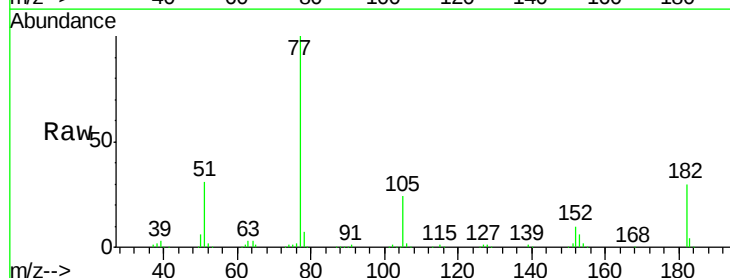
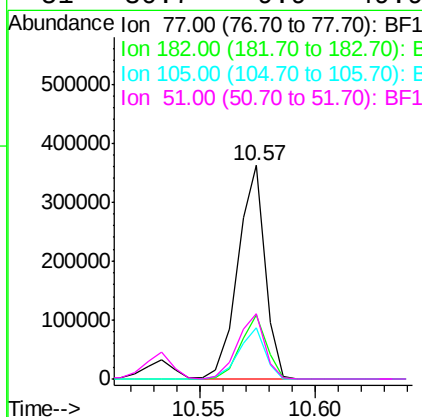
RT: 10.57 min Scan# 1443

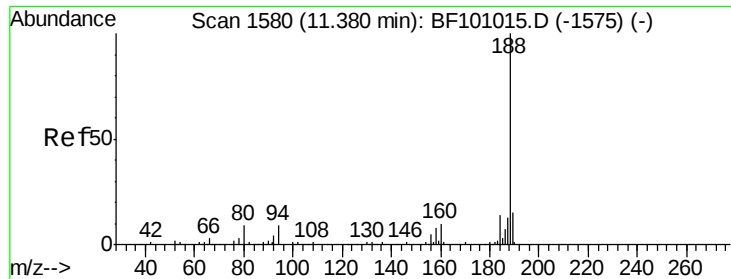
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	296091		
182	29.8	1.7	41.7	
105	23.7	3.0	43.0	
51	30.7	9.9	49.9	





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.36 min Scan# 1577

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

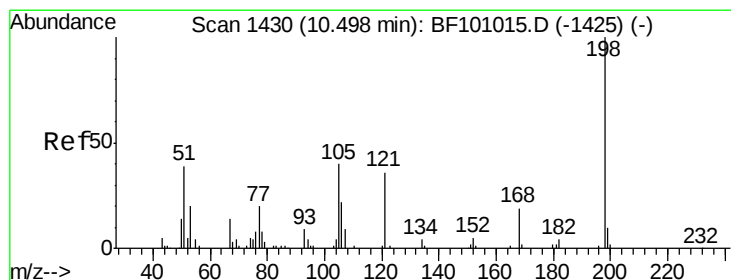
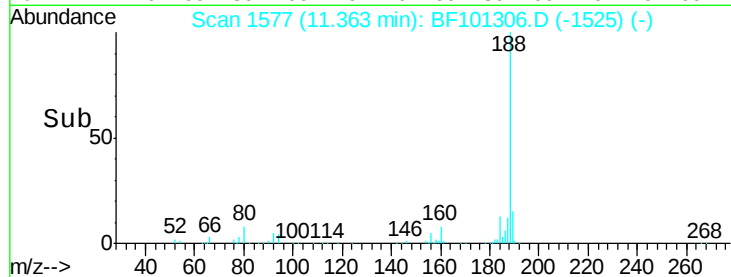
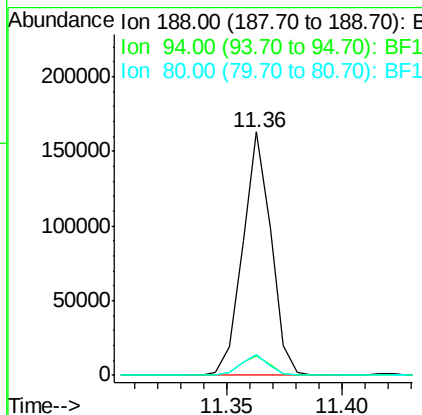
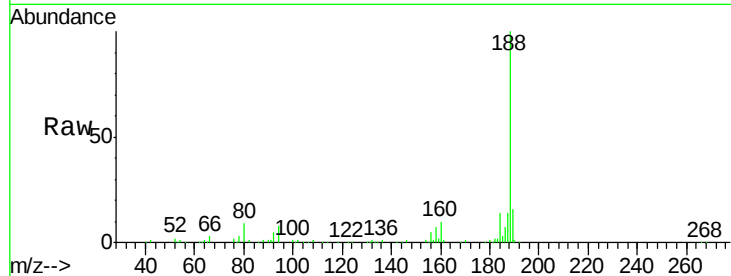
ClientSampleId :

PB104912BSD

Tot Ion:	188	Resp:	139739
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.5	12.7#
80	8.5	9.2	13.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 12.472 ng

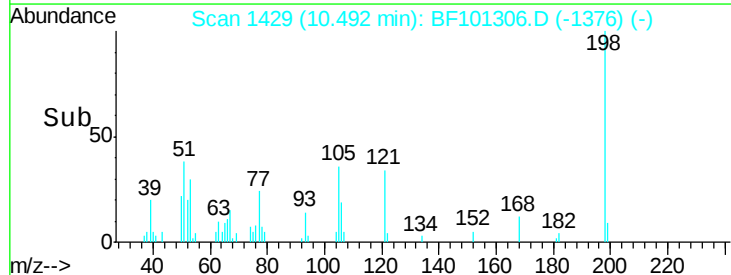
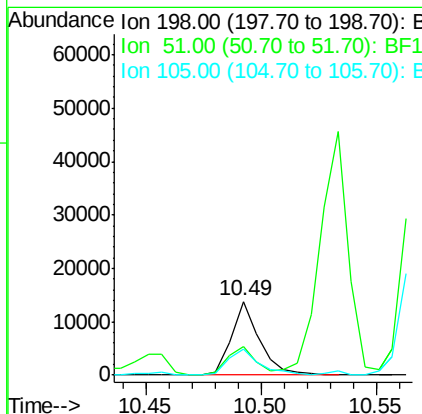
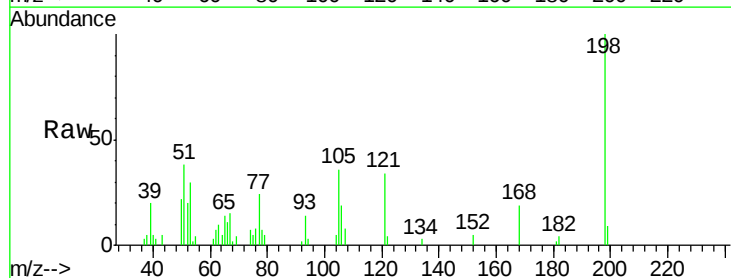
RT: 10.49 min Scan# 1429

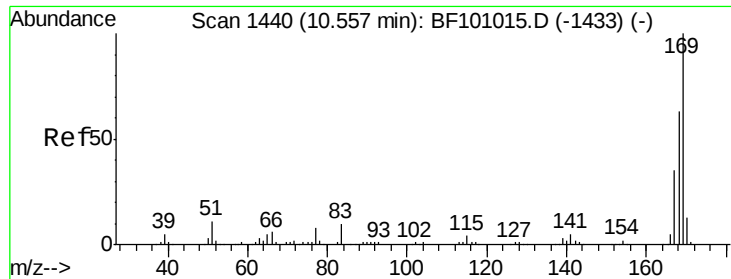
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	198	Resp:	11690
Ion Ratio	Lower	Upper	
198	100		
51	38.5	37.7	77.7
105	35.7	36.3	76.3#





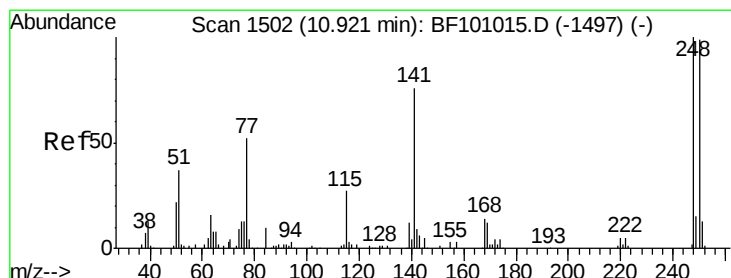
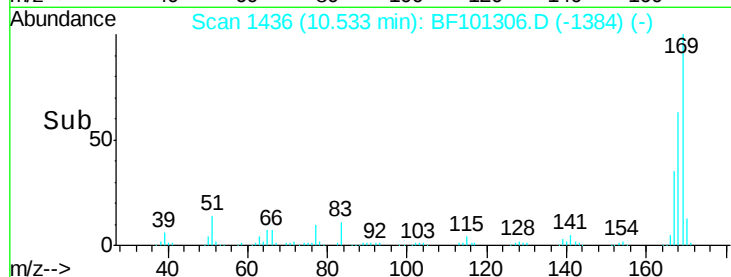
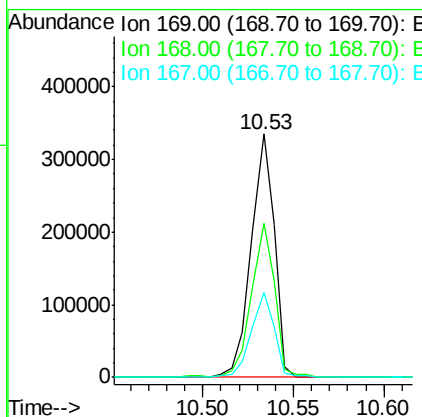
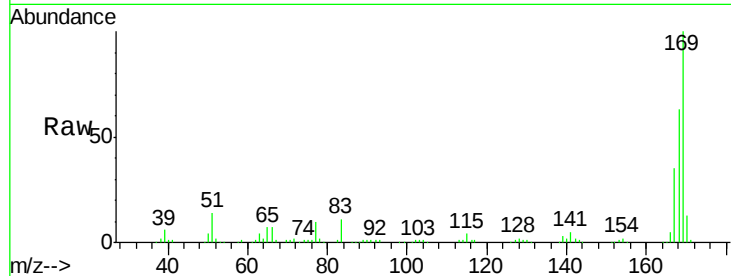
#65
n-Nitrosodiphenylamine
Concen: 60.254 ng
RT: 10.53 min Scan# 1436
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	297042		
168	63.3		54.4	81.6
167	35.0		29.8	44.6

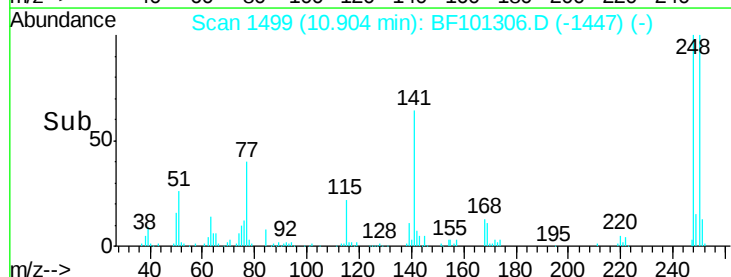
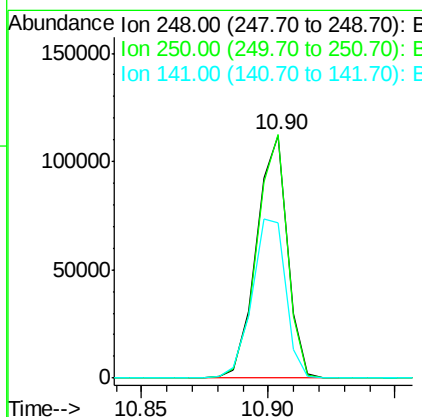
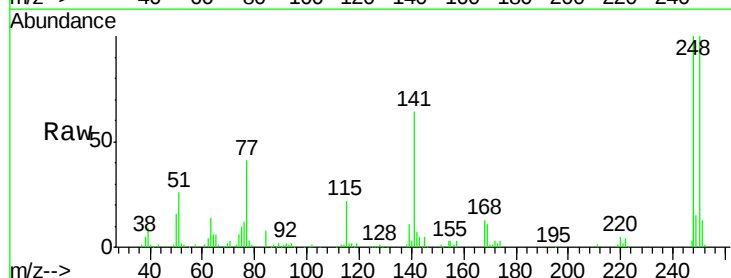
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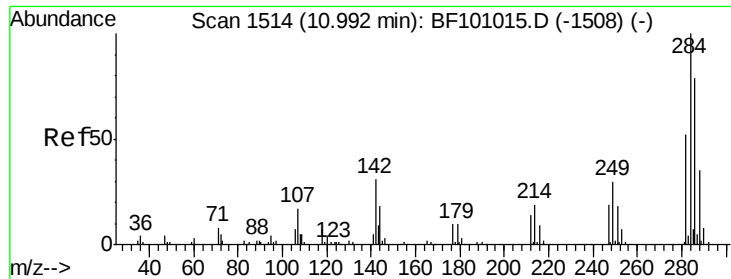
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#66
4-Bromophenyl-phenylether
Concen: 61.235 ng
RT: 10.90 min Scan# 1499
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	95780		
250	100.3		76.9	115.3
141	64.1		74.4	111.6#





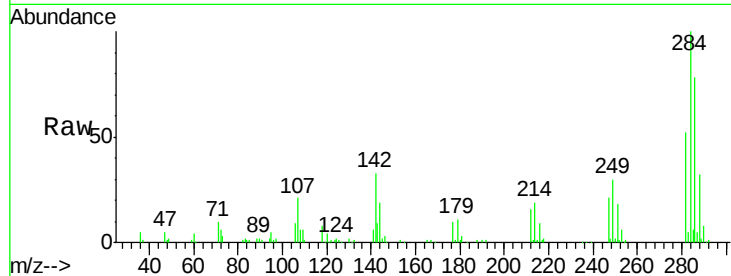
#67
Hexachlorobenzene
Concen: 57.071 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

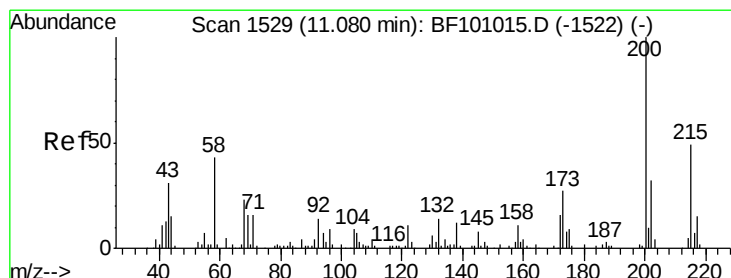
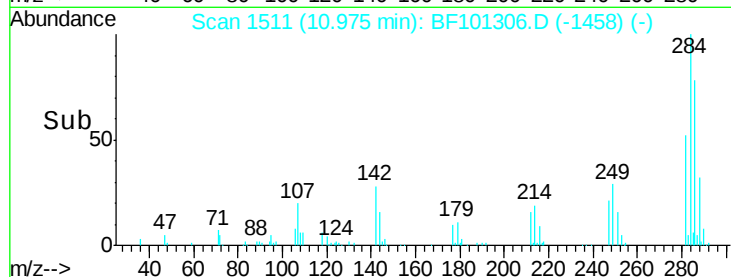
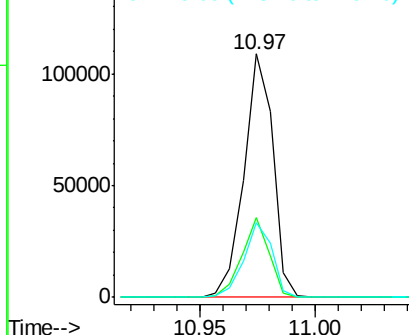
Tot Ion	Ratio	Resp	Lower	Upper
284	100	95672		
142	32.5		34.6	52.0
249	30.4		24.8	37.2

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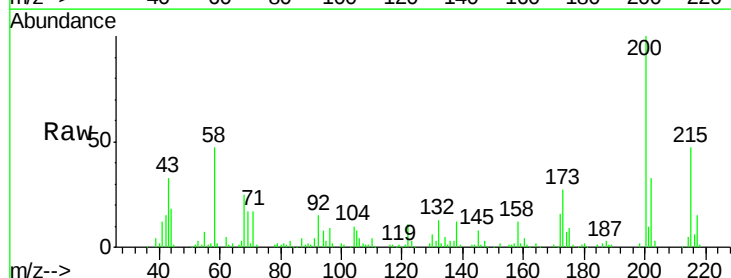


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

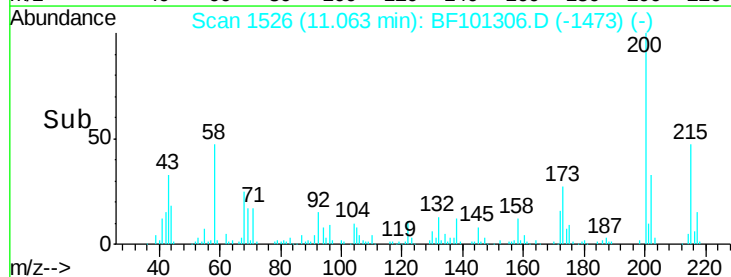
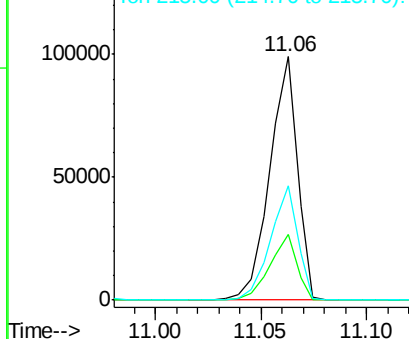


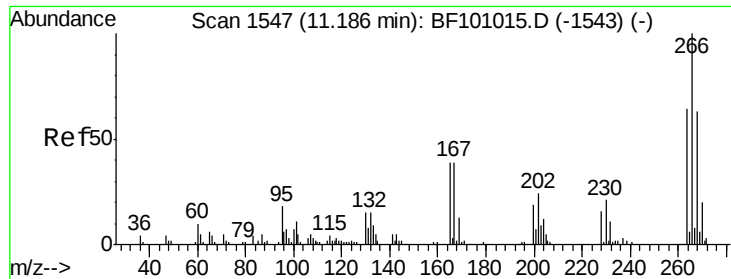
#68
Atrazine
Concen: 59.683 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	90253		
173	27.1		8.6	48.6
215	46.8		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





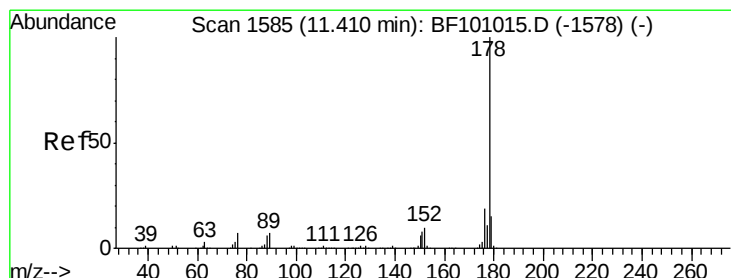
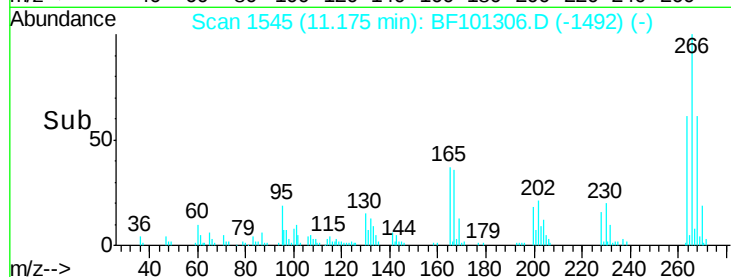
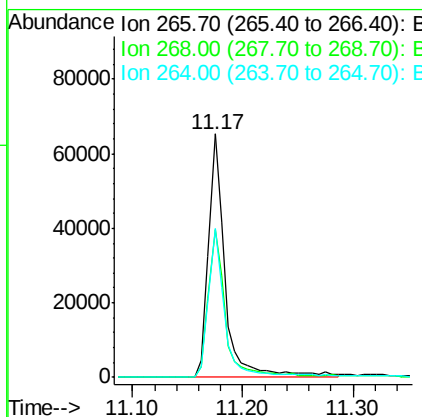
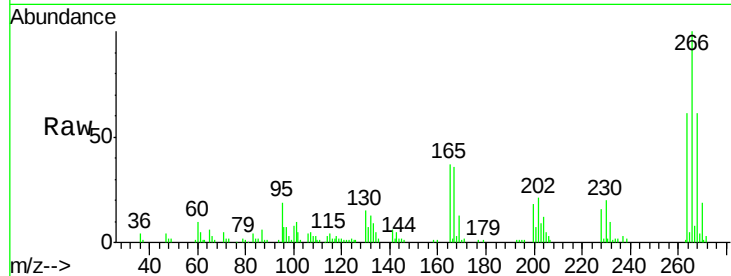
#69
 Pentachlorophenol
 Concen: 73.033 ng
 RT: 11.17 min Scan# 1545
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
266	100	67317		
268	60.8		51.1	76.7
264	61.2		49.5	74.3

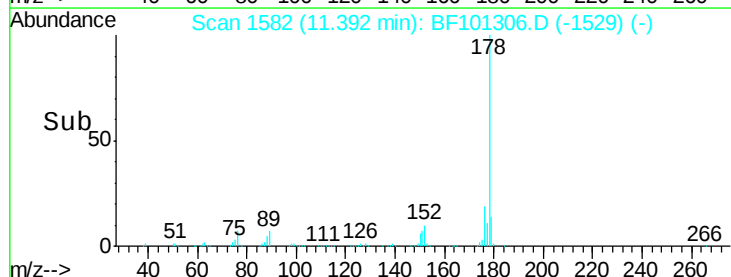
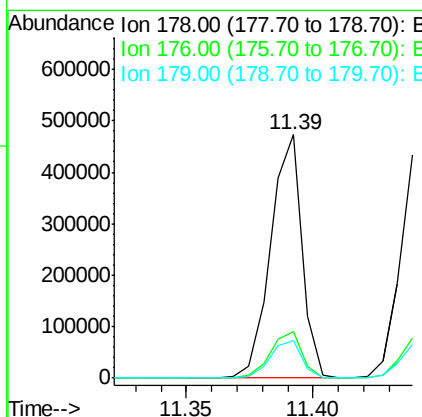
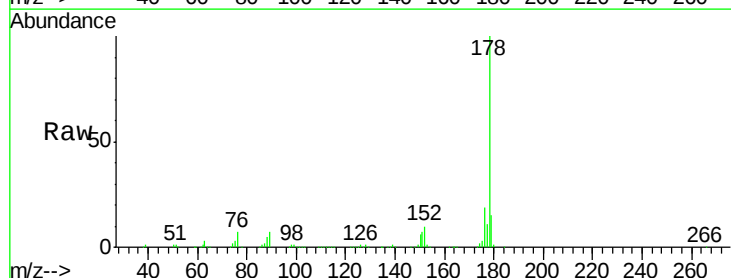
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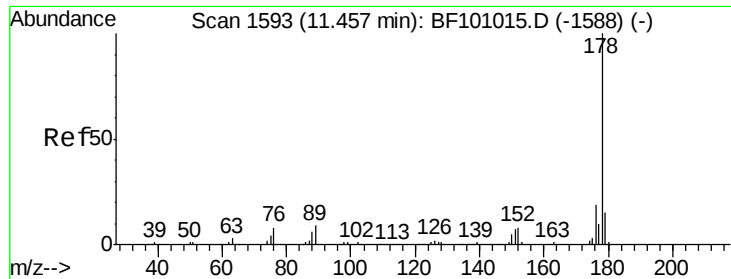
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#70
 Phenanthrene
 Concen: 53.411 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	411017		
176	19.3		15.8	23.8
179	15.2		13.0	19.6





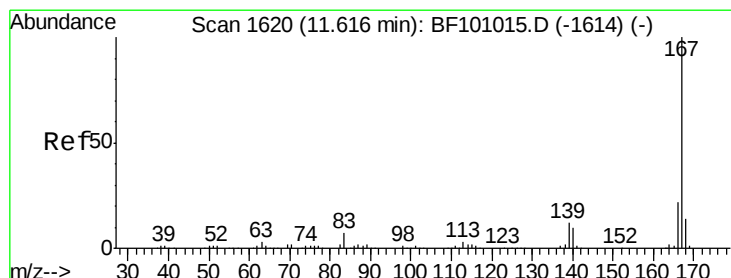
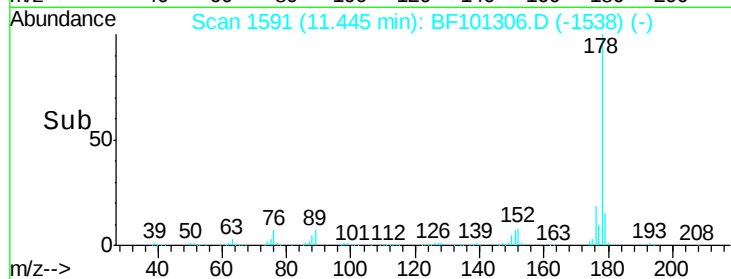
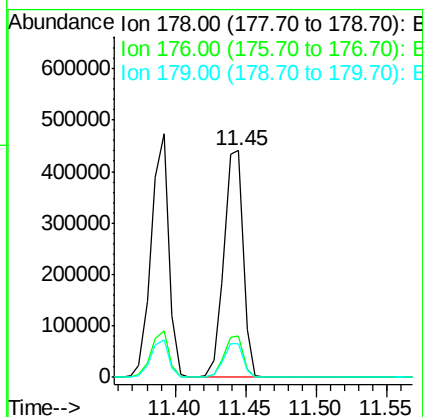
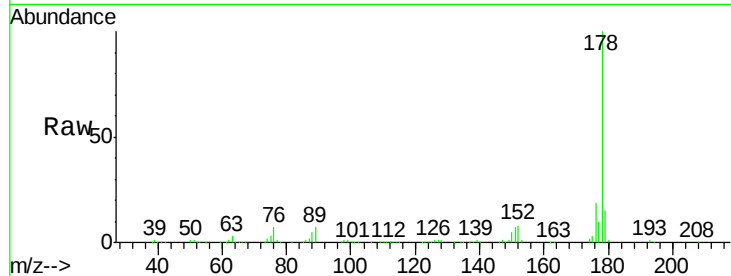
#71
 Anthracene
 Concen: 54.192 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	14.8	12.6	19.0

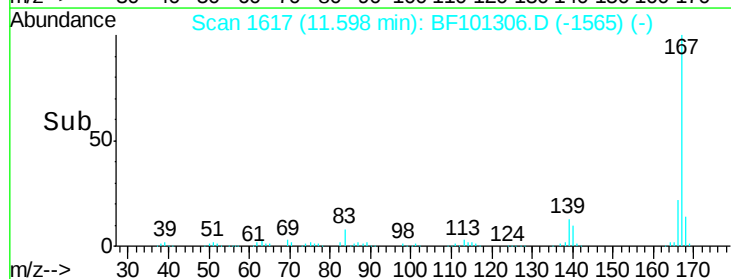
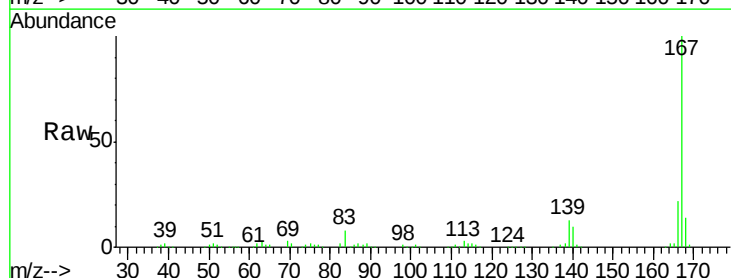
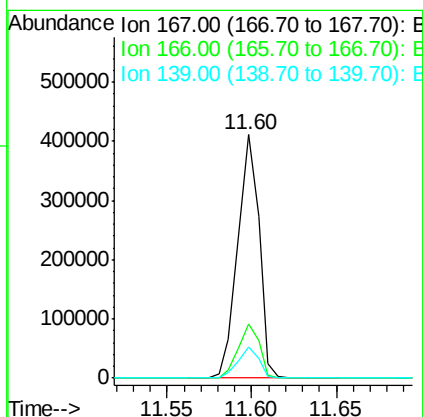
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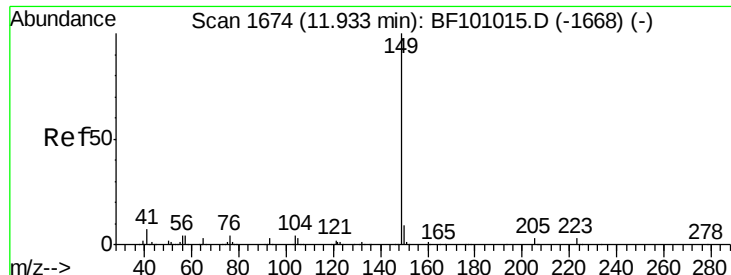
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#72
 Carbazole
 Concen: 51.067 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.6	26.4
139	12.6	10.9	16.3





#73

Di-n-butylphthalate

Concen: 55.974 ng

RT: 11.92 min Scan# 1671

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

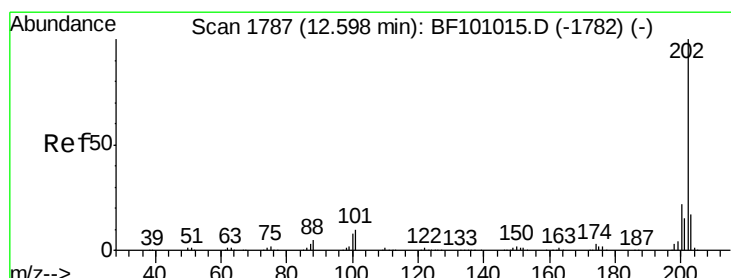
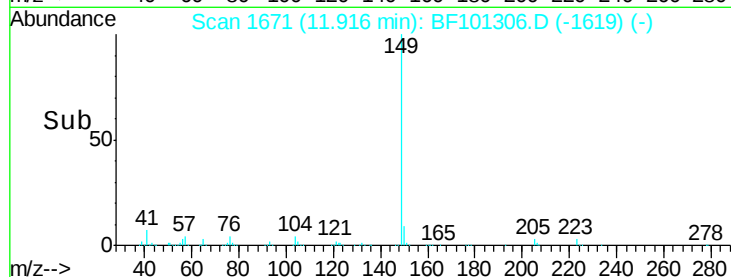
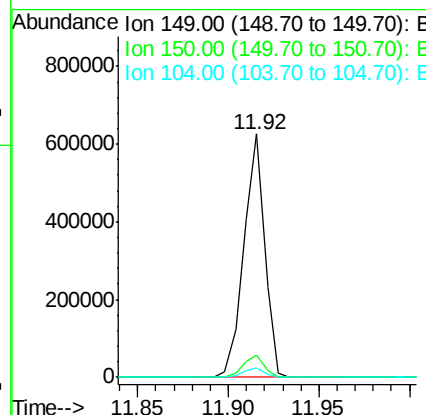
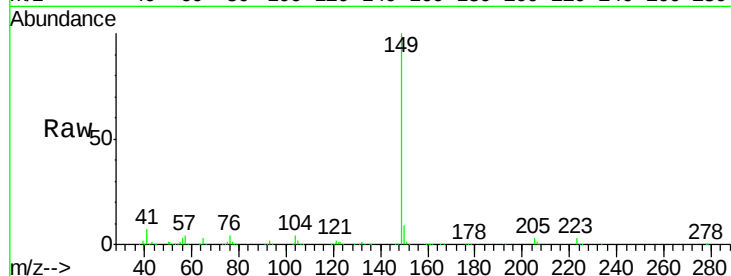
ClientSampleId :

PB104912BSD

Tot Ion:	149	Resp:	499248
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.1	3.8	5.8

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#74

Fluoranthene

Concen: 46.014 ng

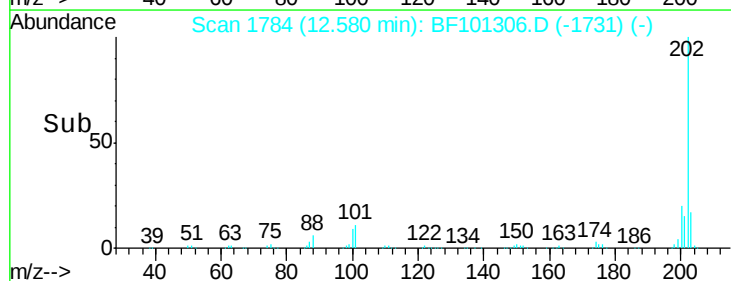
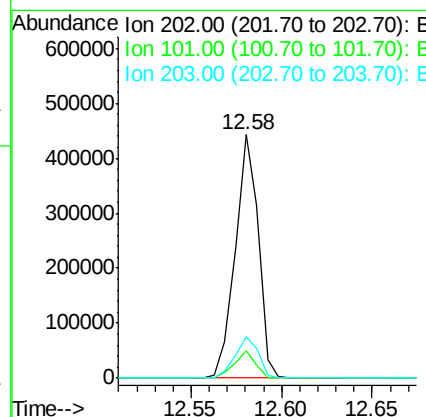
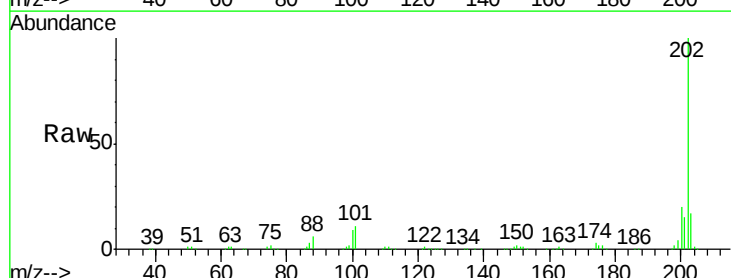
RT: 12.58 min Scan# 1784

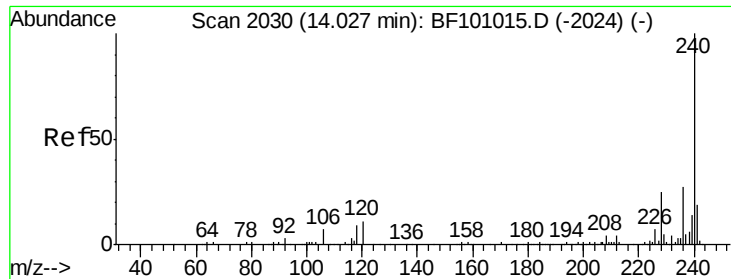
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	202	Resp:	392512
Ion Ratio	Lower	Upper	
202	100		
101	11.4	0.0	34.1
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

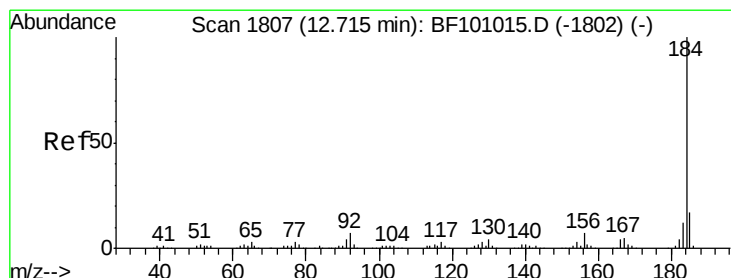
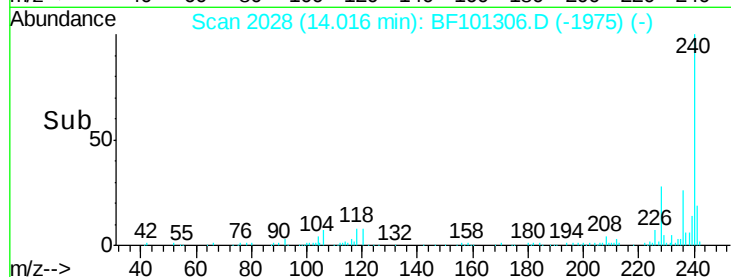
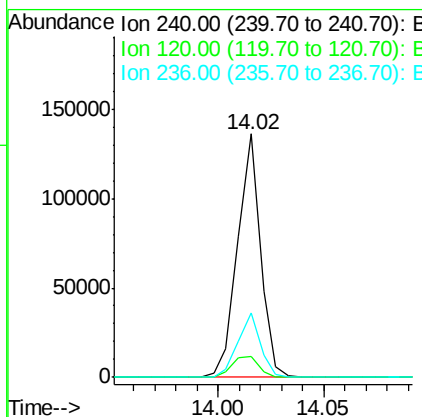
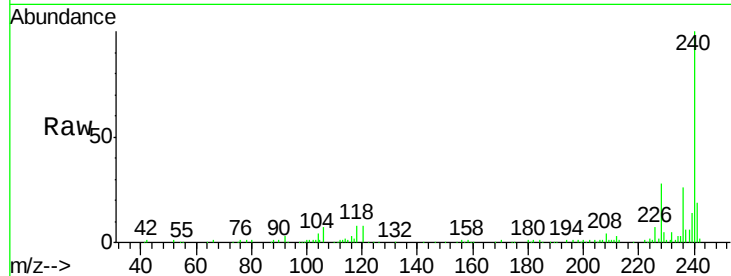
ClientSampleId :

PB104912BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	9.5	14.3#
236	26.2	20.7	31.1

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#76

Benzidine

Concen: 57.827 ng

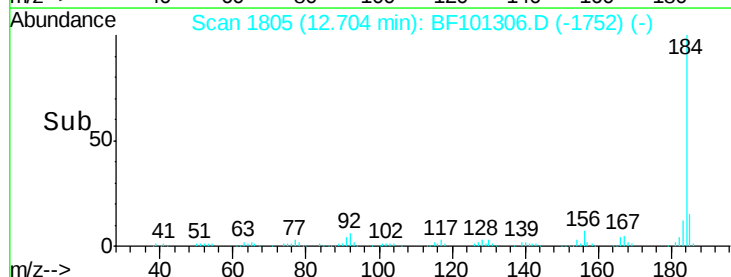
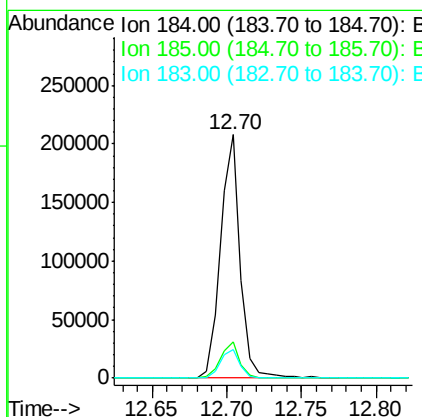
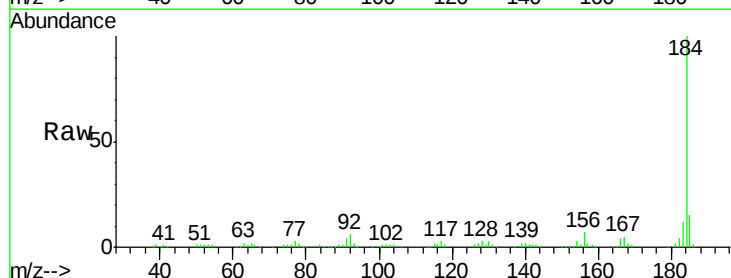
RT: 12.70 min Scan# 1805

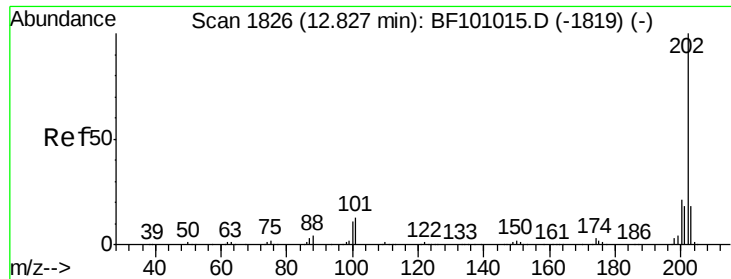
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.8	12.6	18.8
183	11.6	9.3	13.9





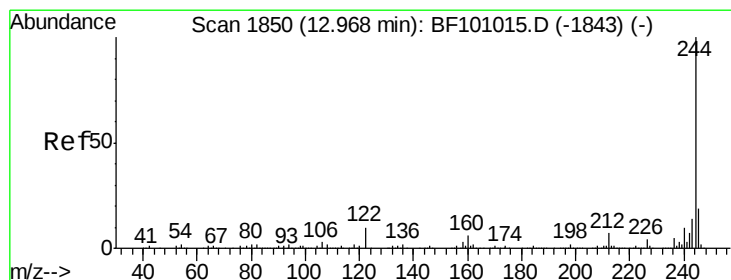
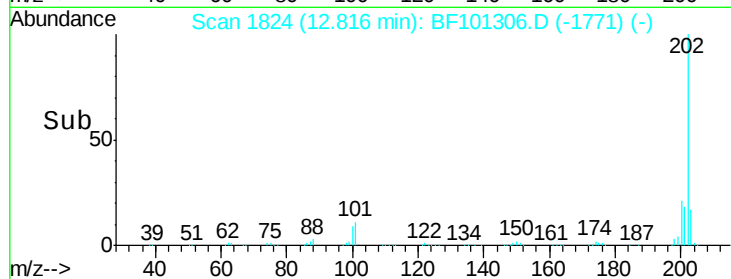
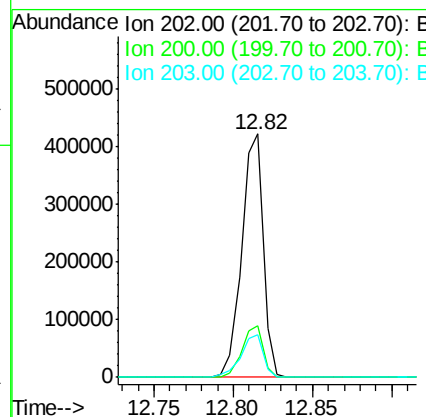
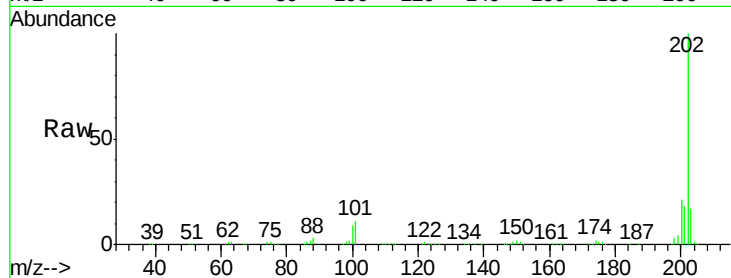
#77
Pvrene
Concen: 56.245 ng
RT: 12.82 min Scan# 1824
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	397430		
200	21.2		17.4	26.2
203	17.3		14.3	21.5

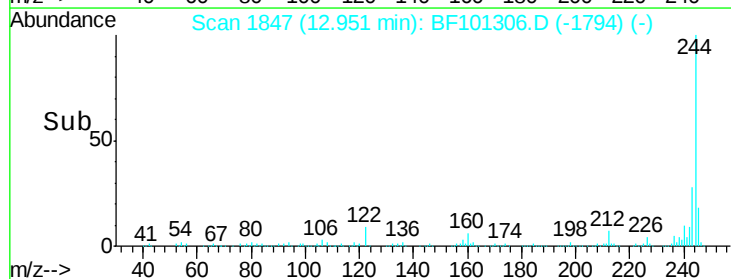
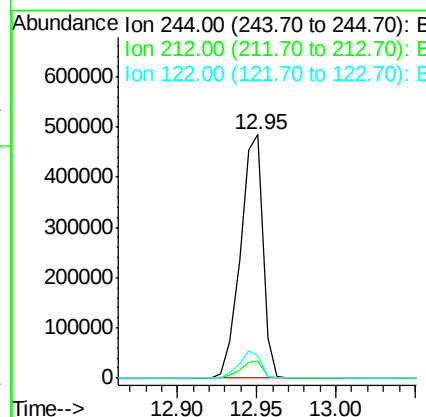
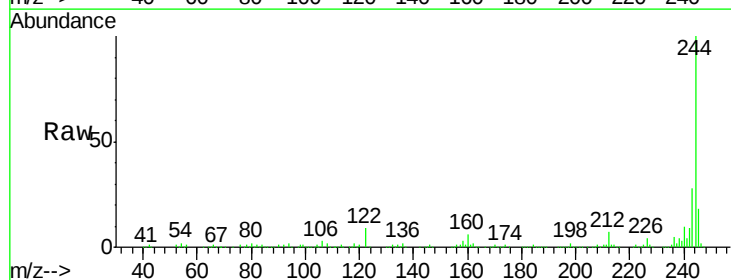
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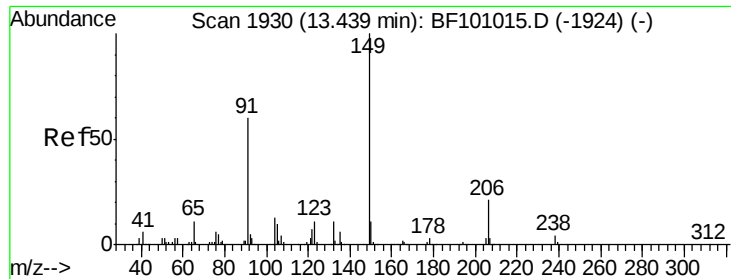
Sohil
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#78
Terphenyl-d14
Concen: 101.033 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	473005		
212	6.9		5.4	8.0
122	9.2		11.0	16.4





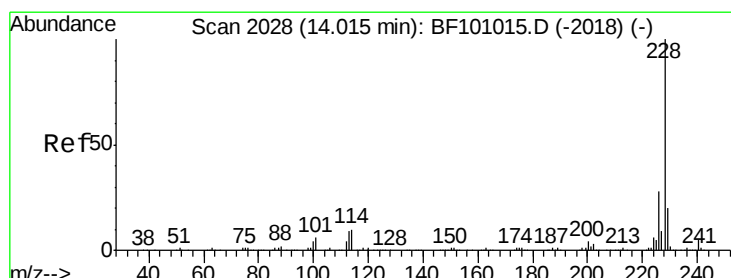
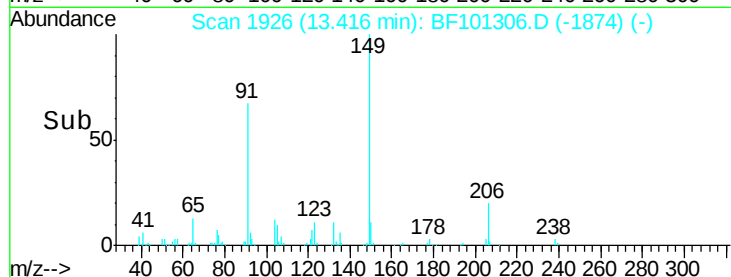
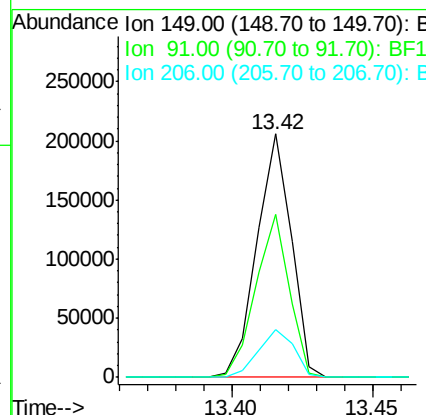
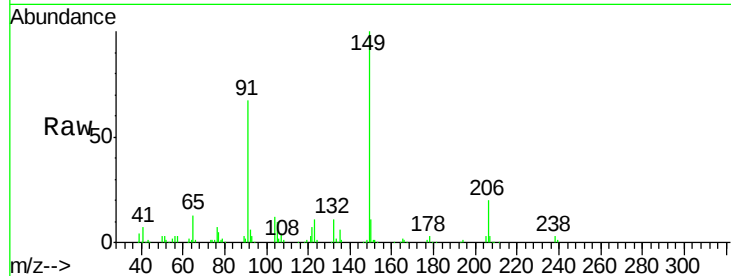
#79
Butylbenzylphthalate
Concen: 55.857 ng
RT: 13.42 min Scan# 1926
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	66.7	56.8	85.2
206	19.9	14.1	21.1

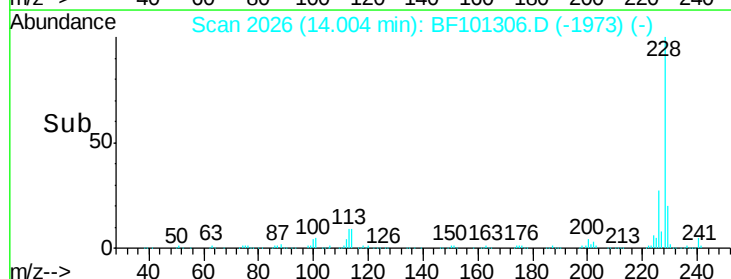
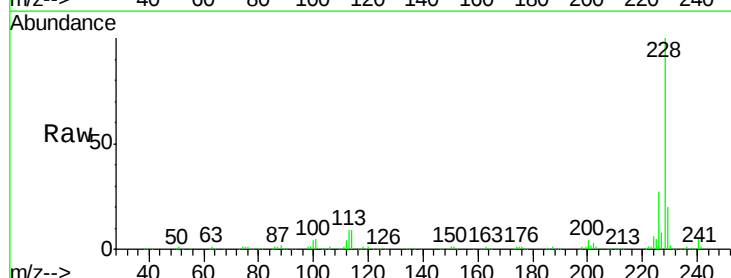
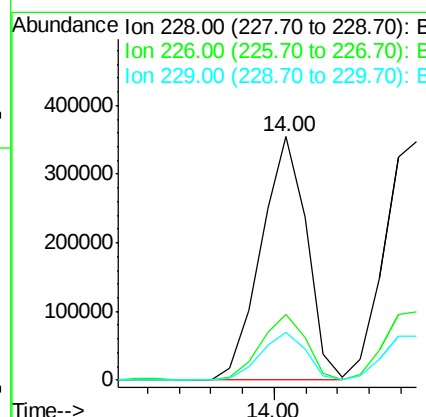
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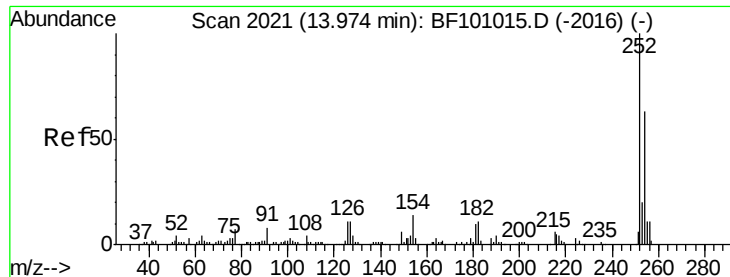
Sohil
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#80
Benzo(a)anthracene
Concen: 54.722 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.6	33.8
229	19.5	15.8	23.6





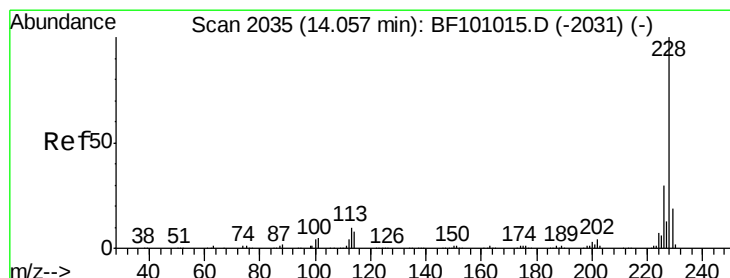
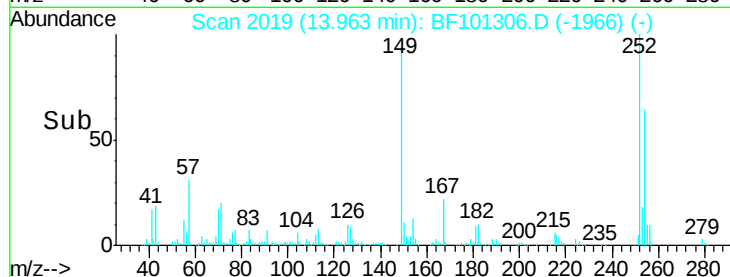
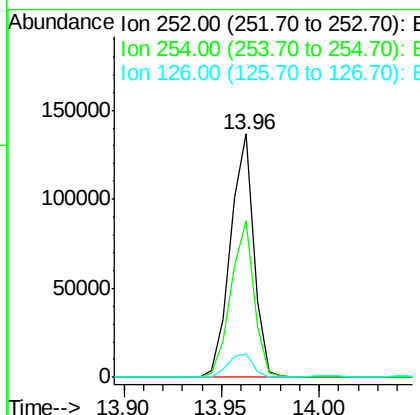
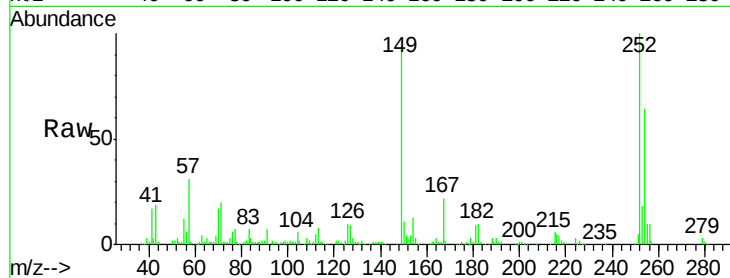
#81
 3,3'-Dichlorobenzidine
 Concen: 50.752 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 PB104912BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	64.2	50.4	75.6
126	9.8	11.3	16.9

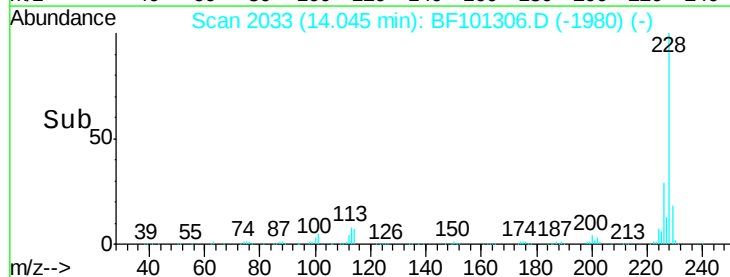
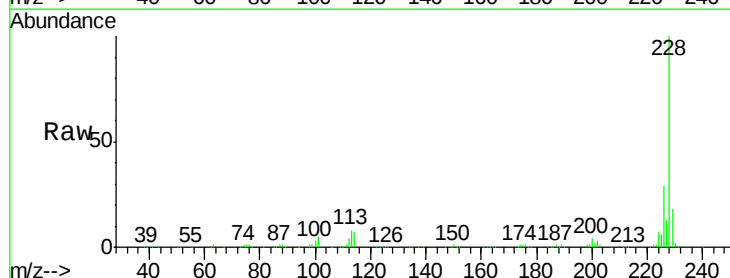
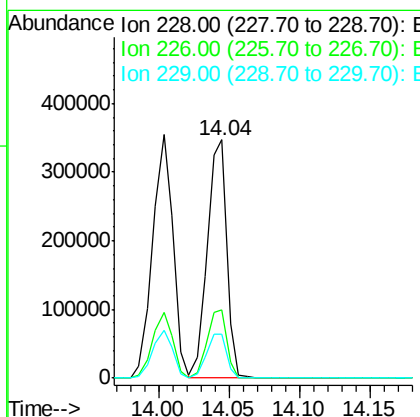
Manual Integrations
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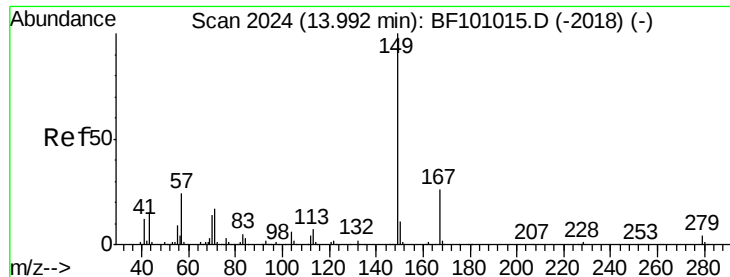
Sohil
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#82
 Chrysene
 Concen: 55.198 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. 0.01 min
 Lab File: BF101306.D
 Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.8	25.0	37.6
229	18.3	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.249 ng

RT: 13.97 min Scan# 2020

Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

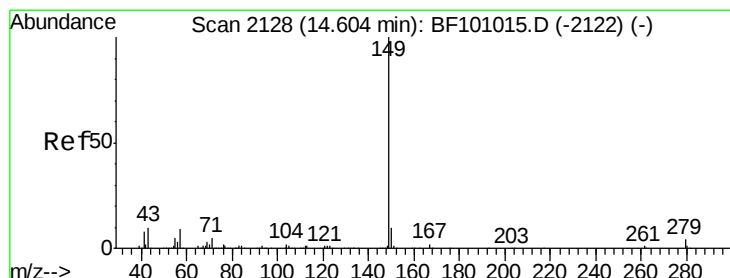
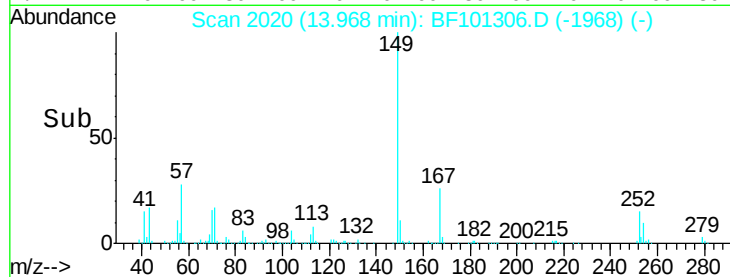
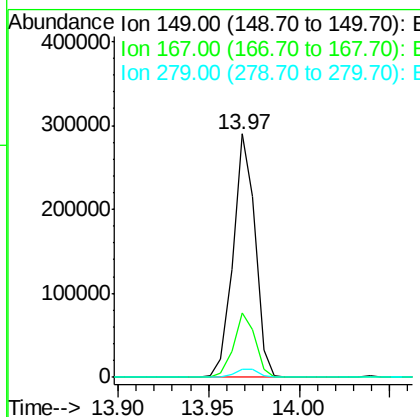
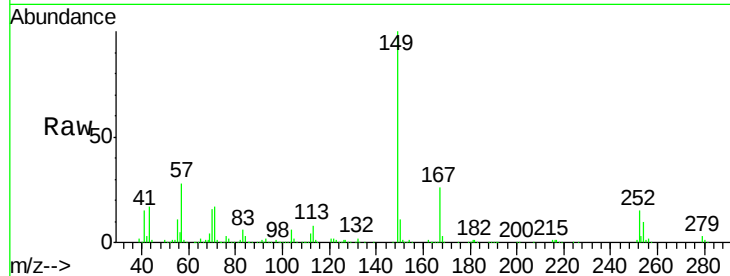
ClientSampleId :

PB104912BSD

Tot Ion:	149	Resp:	245414
Ion Ratio		Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 53.765 ng

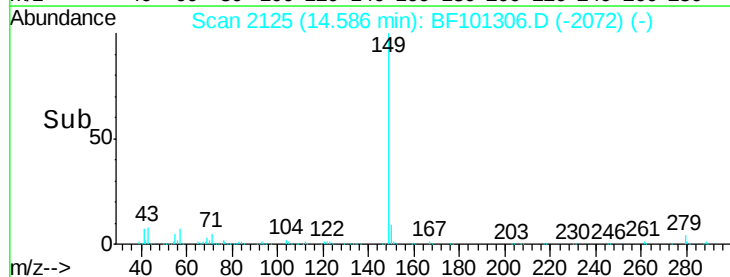
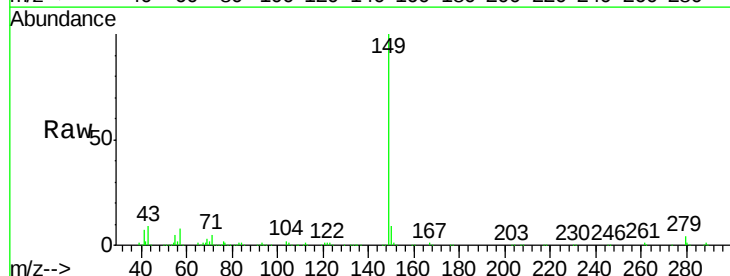
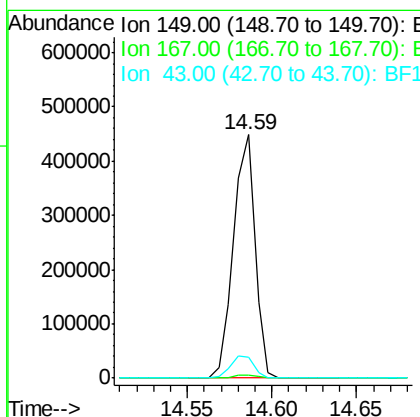
RT: 14.59 min Scan# 2125

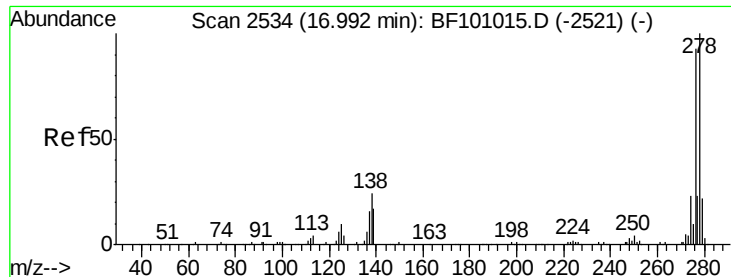
Delta R.T. 0.01 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	149	Resp:	397638
Ion Ratio		Lower	Upper
149	100		
167	1.4	1.2	1.8
43	9.6	8.4	12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.975 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.04 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

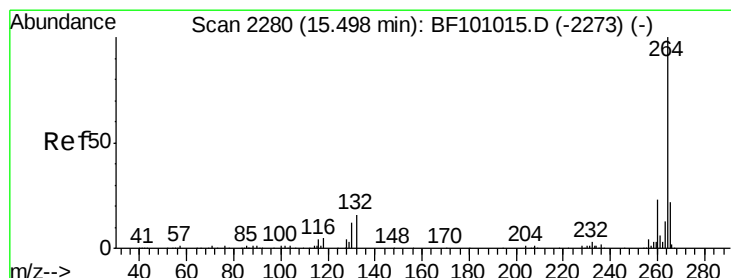
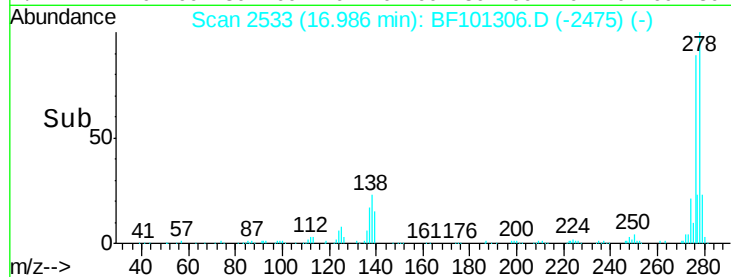
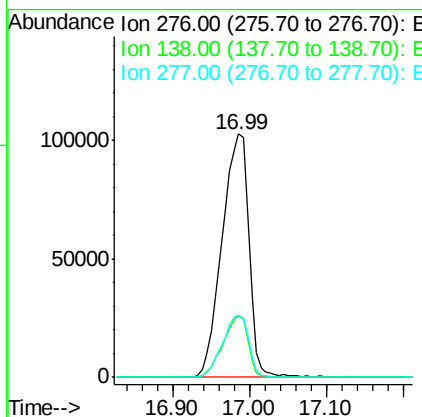
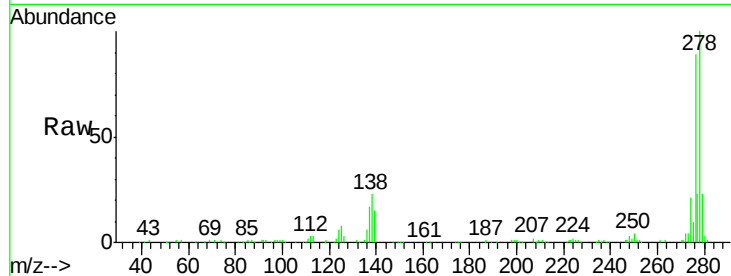
ClientSampleId :

PB104912BSD

Tot Ion:	276	Resp:	250770
Ion Ratio	Lower	Upper	
276	100		
138	23.6	25.0	37.6#
277	24.9	20.1	30.1

Manual Integrations
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#86

Perylene-d12

Concen: 20.000 ng

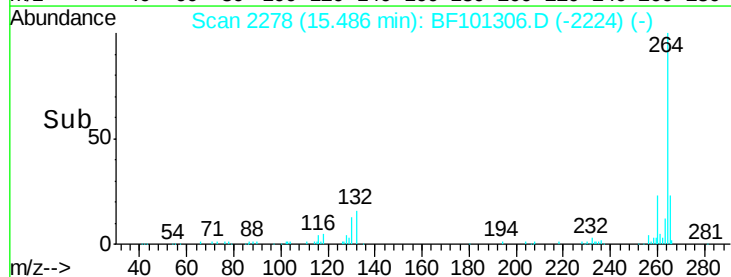
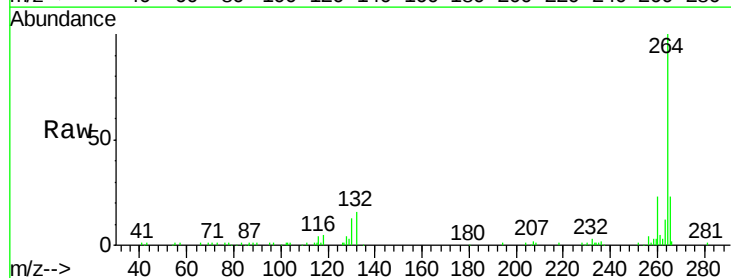
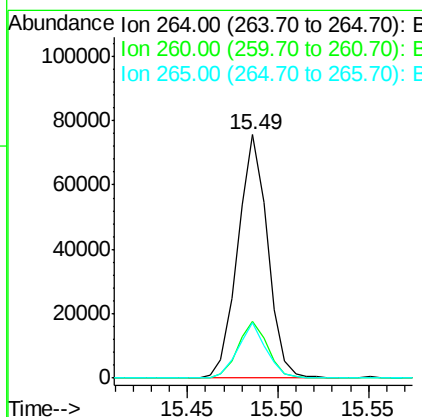
RT: 15.49 min Scan# 2278

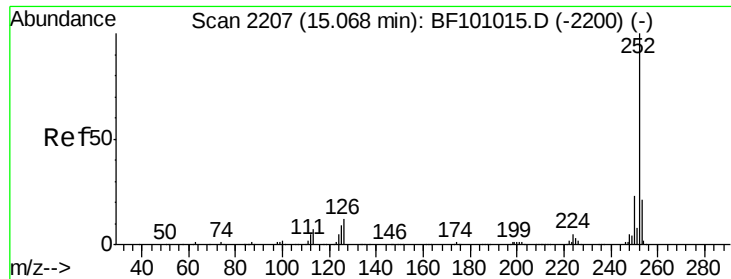
Delta R.T. 0.02 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Tgt Ion:	264	Resp:	86117
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	22.9	17.5	26.3





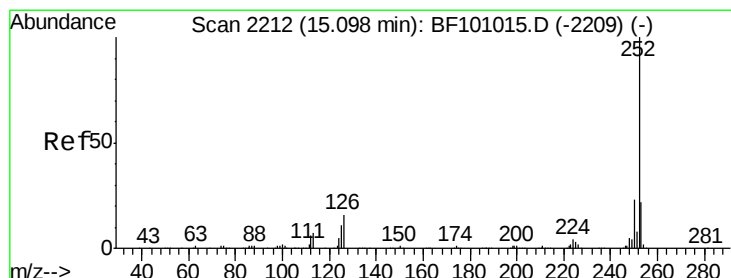
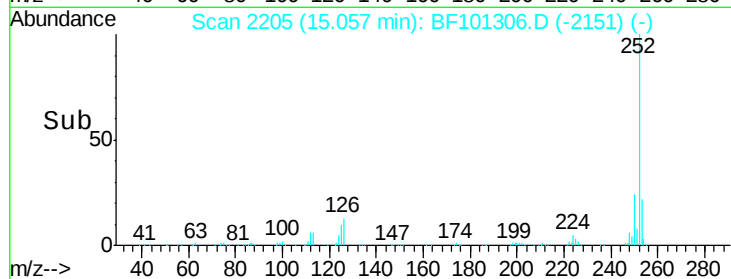
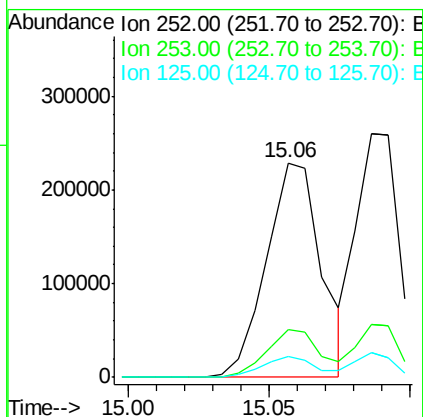
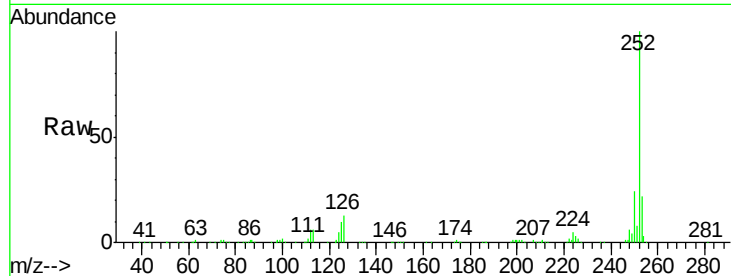
#87
Benzo(b)fluoranthene
Concen: 60.024 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.02 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	9.9	9.0	13.6

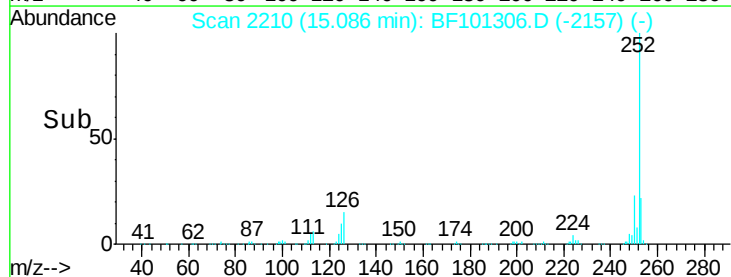
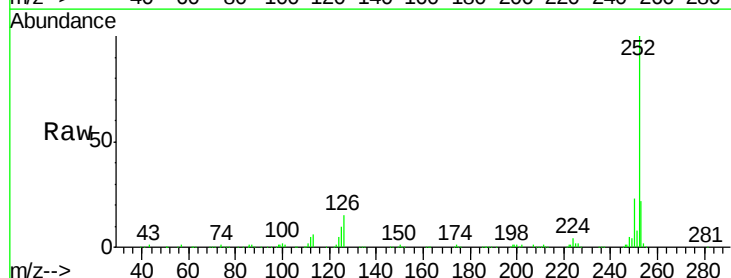
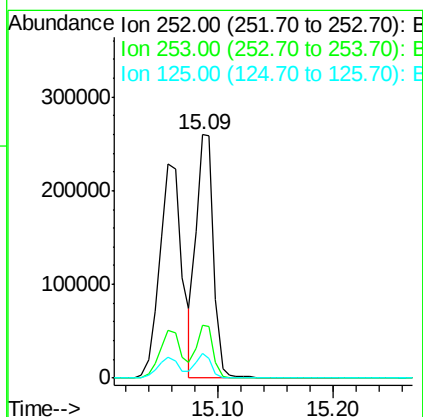
Manual Integrations
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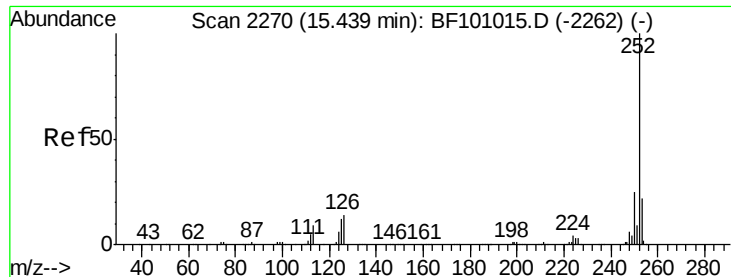
Sohil
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#88
Benzo(k)fluoranthene
Concen: 54.342 ng
RT: 15.09 min Scan# 2210
Delta R.T. 0.01 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	10.2	10.2	15.2





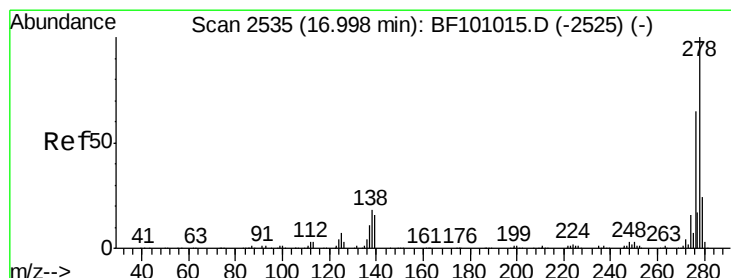
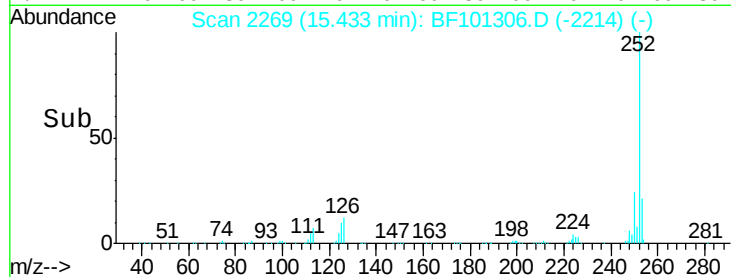
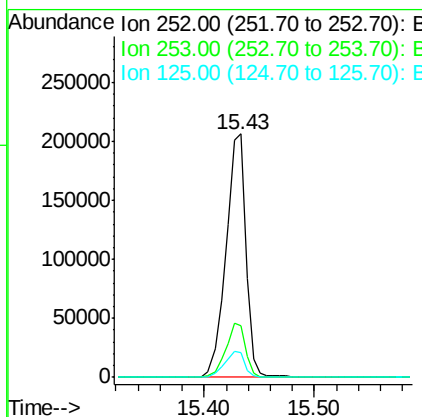
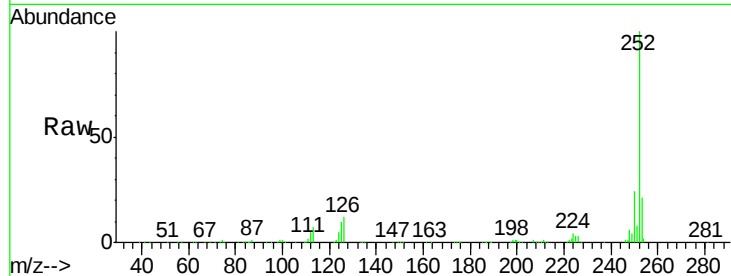
#89
Benzo(a)pyrene
Concen: 56.071 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.02 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Instrument :
BNA_F
ClientSampleId :
PB104912BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	10.0	9.8	14.6

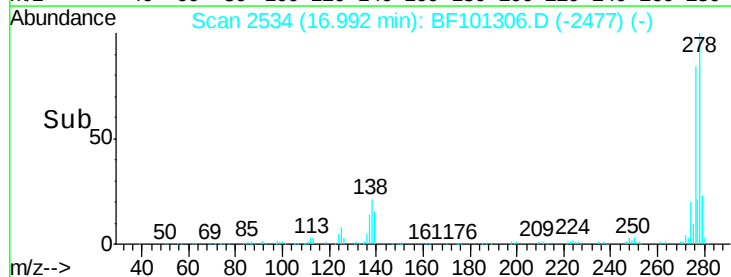
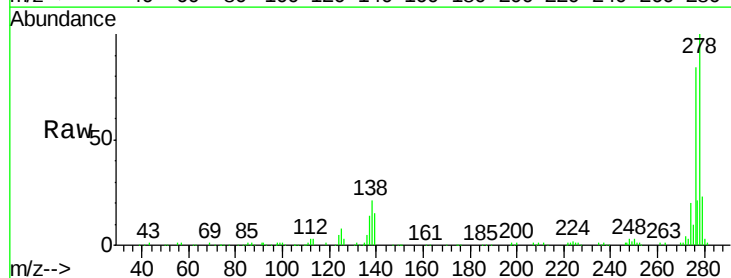
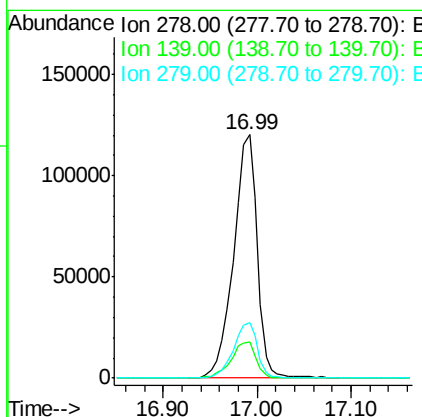
Manual Integrations
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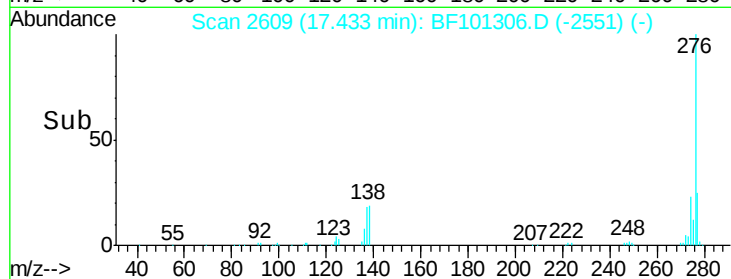
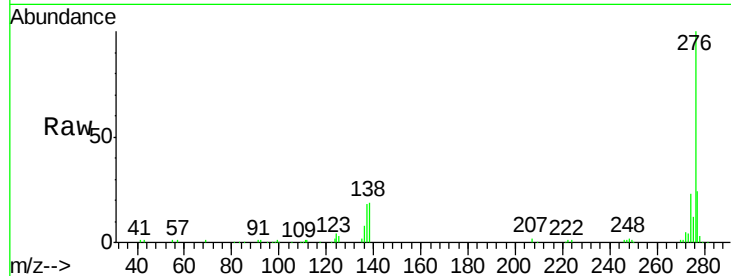
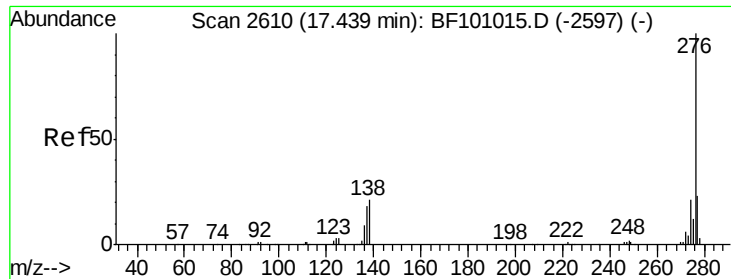
Sohil
12/12/2017 3:59:24 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.884 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.04 min
Lab File: BF101306.D
Acq: 12 Dec 2017 1:35

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.9	23.9#
279	22.8	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 51.661 ng

RT: 17.43 min Scan# 2609

Delta R.T. 0.04 min

Lab File: BF101306.D

Acq: 12 Dec 2017 1:35

Instrument :

BNA_F

ClientSampleId :

PB104912BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	17.9	26.9
138	18.6	21.8	32.8

Manual Integrations
APPROVED

Sohil
12/12/2017 3:59:24 PM

