

Data Path : Z:\HPCHEM1\BNA F\DATA\BF113017\
 Data File : BF101022.D
 Acq On : 30 Nov 2017 17:30
 Operator : SJ/JU
 Sample : PB104614BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BS

Manual Integrations
 APPROVED

Sohil
 12/1/2017 11:12:40 AM

Quant Time: Dec 01 00:44:14 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 30 16:01:41 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	52048	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	209299	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	99307	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	193888	20.00	ng	0.00
75) Chrysene-d12	14.02	240	134813	20.00	ng	0.00
86) Perylene-d12	15.49	264	121973	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	298600	94.80	ng	0.00
7) Phenol-d6	6.49	99	360361	94.23	ng	0.00
23) Nitrobenzene-d5	7.42	82	216170	61.61	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	104900	87.93	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	476791	65.69	ng	0.00
78) Terphenyl-d14	12.96	244	464978	75.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	36080	27.701	ng	92
4) n-Nitrosodimethylamine	3.38	42	52311	31.721	ng	97
6) Aniline	6.52	93	56012	11.264	ng	98
8) 2-Chlorophenol	6.64	128	109290	31.823	ng	96
9) Benzaldehyde	6.40	77	48828	20.862	ng	95
10) Phenol	6.50	94	130125	30.602	ng	94
11) bis(2-Chloroethyl)ether	6.59	93	97426	30.546	ng	98
12) 1,3-Dichlorobenzene	6.79	146	123560	30.898	ng	98
13) 1,4-Dichlorobenzene	6.87	146	126004	30.434	ng	98
14) 1,2-Dichlorobenzene	7.02	146	117561	30.442	ng	98
15) Benzyl Alcohol	6.99	79	92906	31.456	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	155093	35.774	ng	99
17) 2-Methylphenol	7.10	107	86949	31.354	ng	98
18) Hexachloroethane	7.36	117	40686	30.588	ng	93
19) n-Nitroso-di-n-propylamine	7.26	70	70199	27.258	ng	91
20) 3+4-Methylphenols	7.26	107	112806	31.191	ng	# 74
22) Acetophenone	7.26	105	141319	27.948	ng	# 91
24) Nitrobenzene	7.43	77	106652	31.015	ng	99
25) Isophorone	7.67	82	191232	31.909	ng	97
26) 2-Nitrophenol	7.75	139	57597	30.512	ng	95
27) 2,4-Dimethylphenol	7.79	122	94555	34.627	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	120526	29.922	ng	98
29) 2,4-Dichlorophenol	7.99	162	94252	31.709	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	101612	31.089	ng	95
31) Naphthalene	8.16	128	310279	30.079	ng	99
32) Benzoic acid	7.86	122	7195	3.388	ng	97
33) 4-Chloroaniline	8.20	127	62717	15.132	ng	99
34) Hexachlorobutadiene	8.27	225	58925	29.395	ng	97
35) Caprolactam	8.57	113	19563m	21.119	ng	
36) 4-Chloro-3-methylphenol	8.69	107	94683	30.751	ng	99
37) 2-Methylnaphthalene	8.85	142	214381	30.586	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	100390	27.827	ng	# 97
40) Hexachlorocyclopentadiene	9.00	237	86651	67.850	ng	99
42) 2,4,6-Trichlorophenol	9.13	196	69268	32.754	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	72289	31.973	nq	91
45) 1,1'-Biphenyl	9.31	154	256242	28.163	nq	97
46) 2-Chloronaphthalene	9.34	162	203892	31.555	nq	96
47) 2-Nitroaniline	9.43	65	58174	30.430	nq	97
48) Acenaphthylene	9.76	152	315013	29.665	nq	99
49) Dimethylphthalate	9.61	163	243581	30.414	nq	99
50) 2,6-Dinitrotoluene	9.68	165	51539	30.553	nq #	79
51) Acenaphthene	9.93	154	184314	28.987	nq	98
52) 3-Nitroaniline	9.85	138	41531	21.893	nq	92
53) 2,4-Dinitrophenol	9.96	184	34123	41.792	nq #	19
54) Dibenzofuran	10.10	168	278818	30.428	nq	98
55) 4-Nitrophenol	10.02	139	74491	58.227	nq	89
56) 2,4-Dinitrotoluene	10.09	165	70154	31.032	nq #	87
57) Fluorene	10.44	166	224774	30.175	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	58106	32.098	nq #	85
59) Diethylphthalate	10.31	149	224305	28.395	nq	97
60) 4-Chlorophenyl-phenylether	10.43	204	108101	29.393	nq	92
61) 4-Nitroaniline	10.46	138	43100	21.888	nq	89
62) Azobenzene	10.59	77	197663	29.485	nq	95
64) 4,6-Dinitro-2-methylphenol	10.49	198	28276	21.743	nq	83
65) n-Nitrosodiphenylamine	10.55	169	201027	29.389	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	68374	31.505	nq #	84
67) Hexachlorobenzene	10.99	284	71247	30.631	nq #	80
68) Atrazine	11.07	200	64421	30.703	nq	95
69) Pentachlorophenol	11.19	266	64449	50.394	nq	97
70) Phenanthrene	11.40	178	327251	30.649	nq	97
71) Anthracene	11.46	178	339067	31.377	nq	99
72) Carbazole	11.61	167	279273	28.285	nq	98
73) Di-n-butylphthalate	11.93	149	351946	28.439	nq	98
74) Fluoranthene	12.59	202	337672	28.530	nq	96
77) Pyrene	12.82	202	333225	35.821	nq	99
79) Butylbenzylphthalate	13.43	149	128739	31.389	nq	95
80) Benzo(a)anthracene	14.01	228	261721	30.748	nq	98
81) 3,3'-Dichlorobenzidine	13.97	252	55947	18.979	nq	98
82) Chrysene	14.05	228	248669	31.457	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	167243	28.599	nq	99
84) Di-n-octyl phthalate	14.60	149	251139	25.793	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	253047	36.005	nq #	93
87) Benzo(b)fluoranthene	15.06	252	217766	29.807	nq	98
88) Benzo(k)fluoranthene	15.09	252	217991	30.285	nq #	97
89) Benzo(a)pyrene	15.43	252	211101	31.783	nq	97
90) Dibenzo(a,h)anthracene	16.99	278	210254	35.907	nq #	93
91) Benzo(g,h,i)perylene	17.43	276	216742	39.277	nq #	92

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

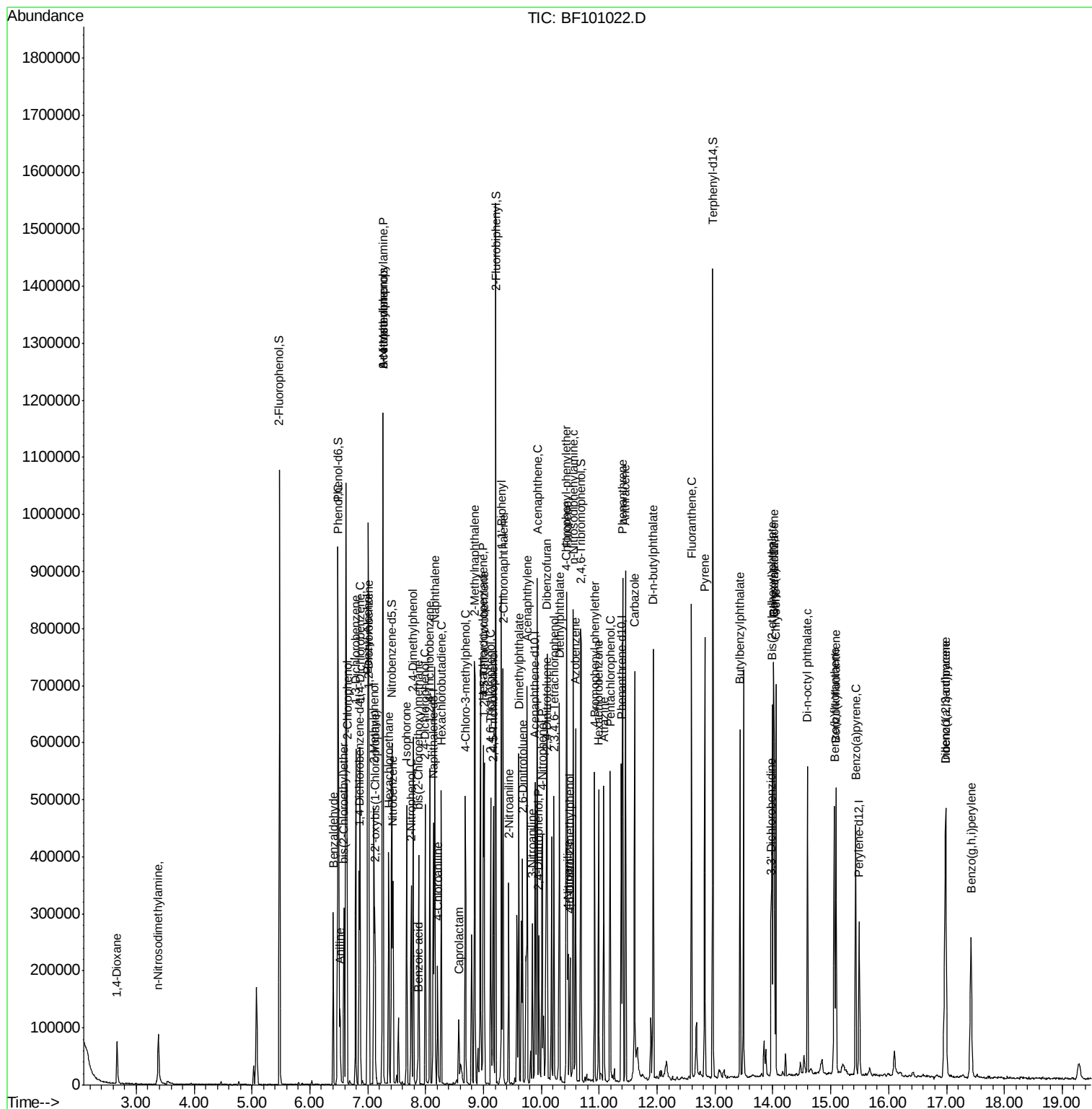
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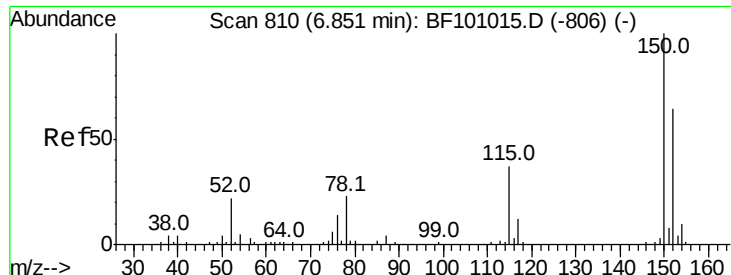
Instrument :
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#1

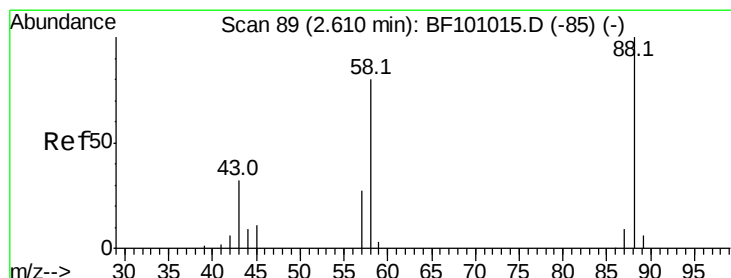
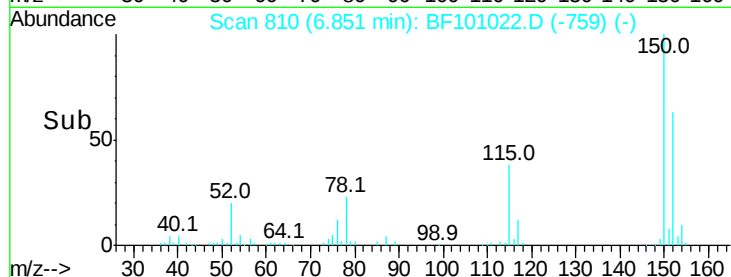
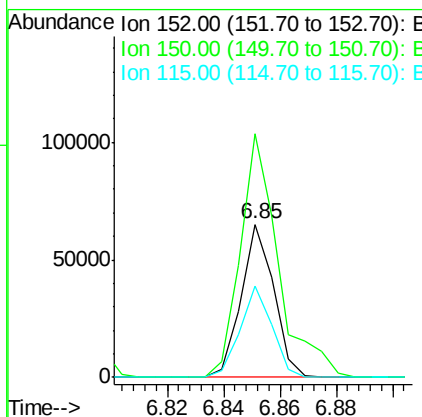
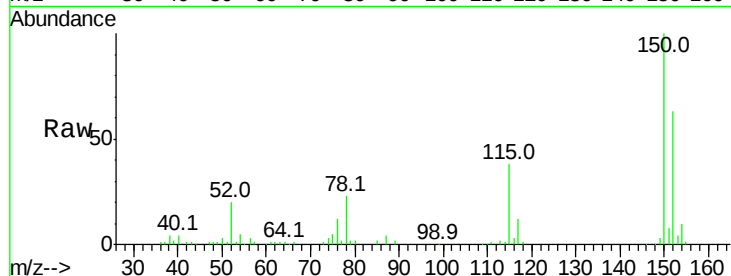
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampled :
PB104614BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	59.9	50.1	75.1

Manual Integrations
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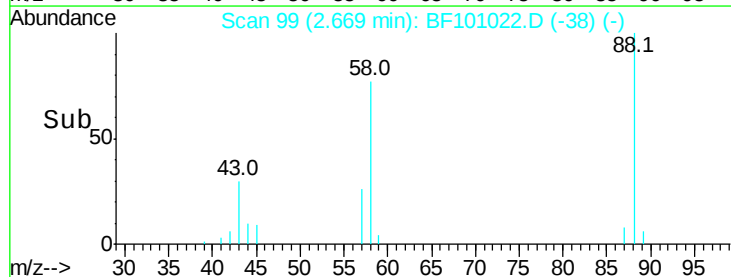
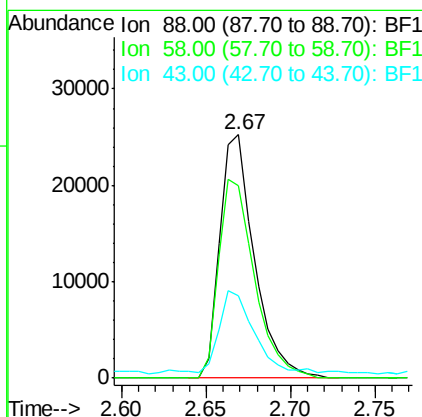
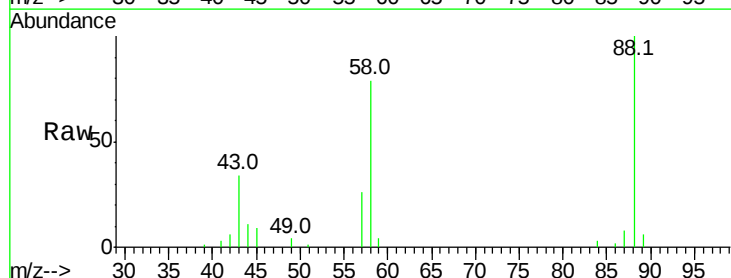
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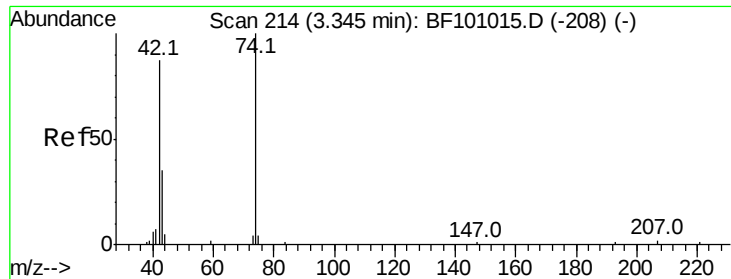


#2

1,4-Dioxane
Concen: 27.701 ng
RT: 2.67 min Scan# 99
Delta R.T. 0.06 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.6	62.6	93.8
43	36.2	24.6	37.0





#4

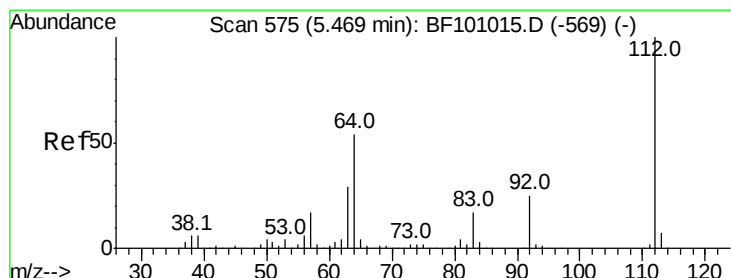
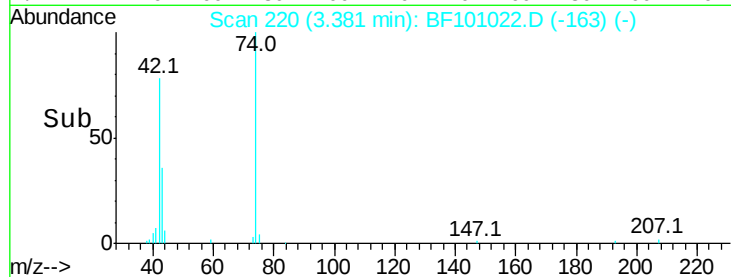
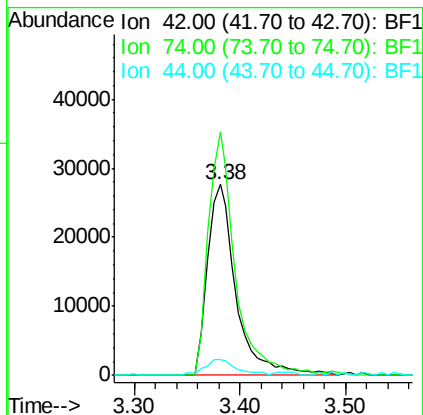
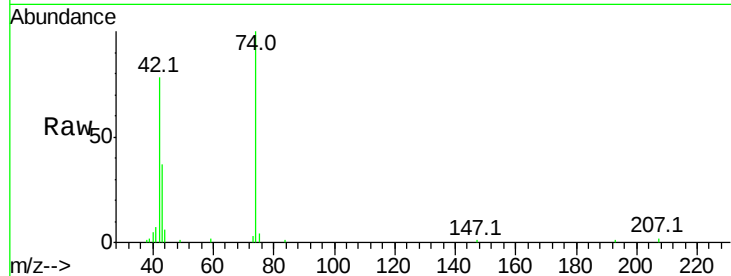
n-Nitrosodimethylamine
Concen: 31.721 ng
RT: 3.38 min Scan# 220
Delta R.T. 0.04 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	127.7	104.9	157.3
44	8.2	6.9	10.3

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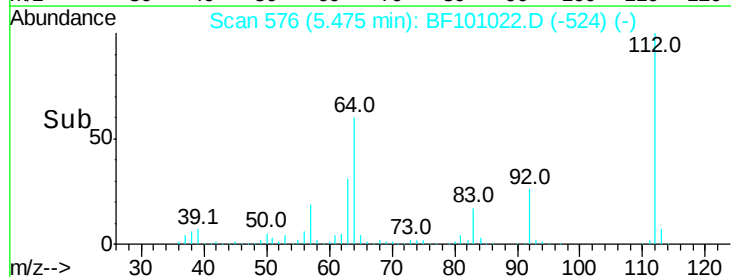
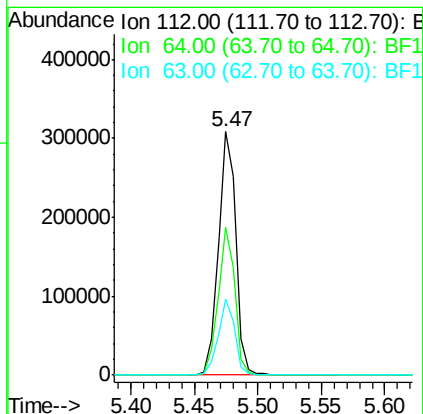
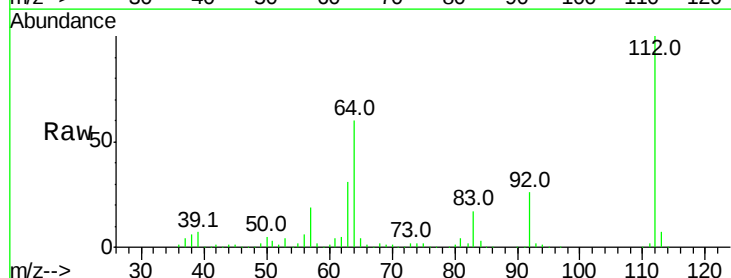
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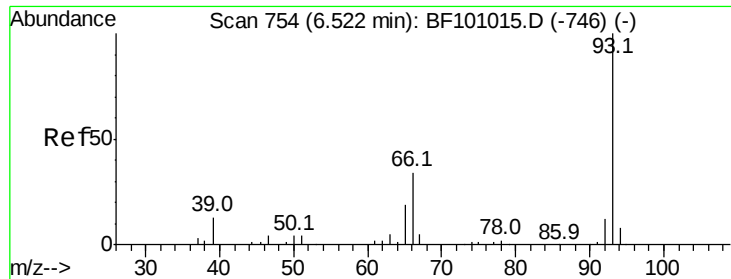


#5

2-Fluorophenol
Concen: 94.801 ng
RT: 5.47 min Scan# 576
Delta R.T. 0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.4	47.9	71.9
63	31.2	23.7	35.5





#6

Aniline

Concen: 11.264 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

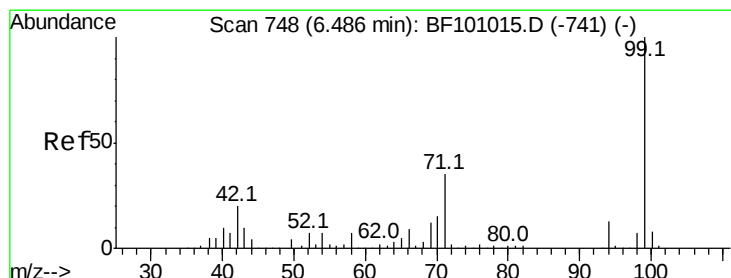
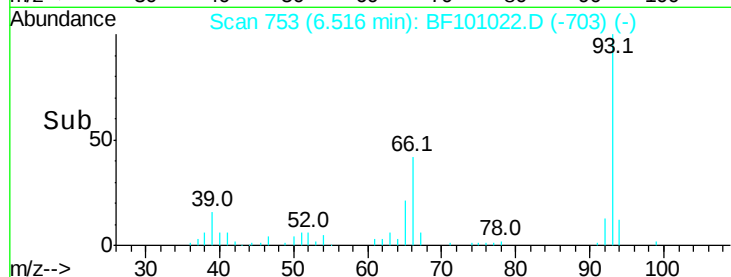
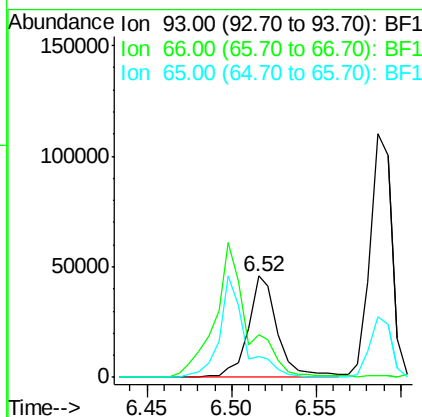
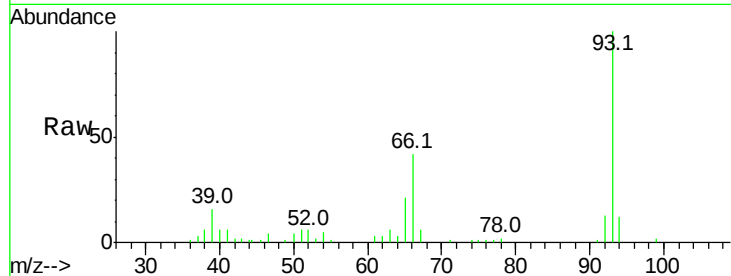
ClientSampleID :

PB104614BS

Tot Ion:	93	Resp:	56012
Ion	Ratio	Lower	Upper
93	100		
66	42.0	32.2	48.2
65	20.7	16.4	24.6

Manual Integrations
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#7

Phenol-d6

Concen: 94.234 ng

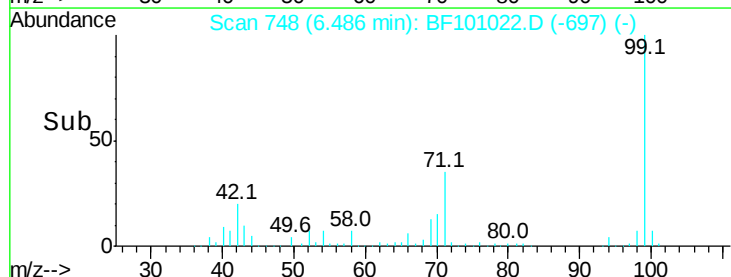
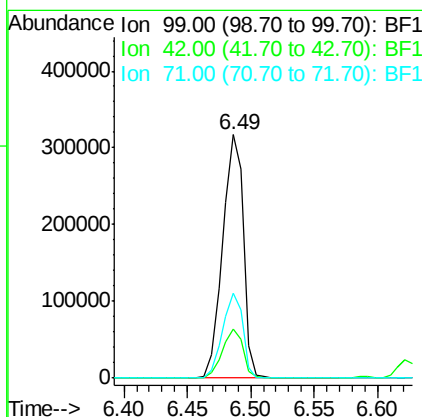
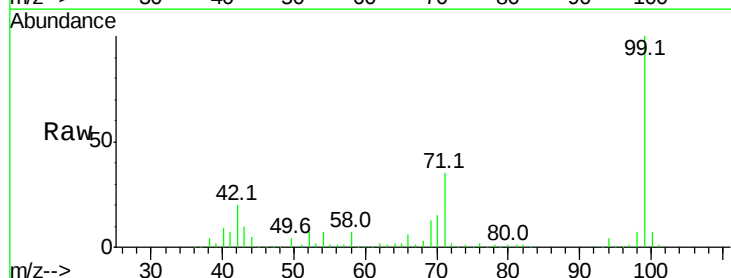
RT: 6.49 min Scan# 748

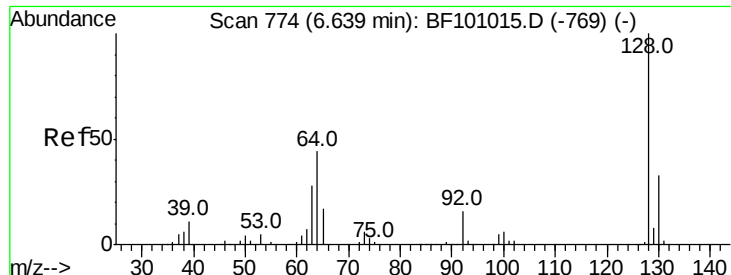
Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:	99	Resp:	360361
Ion	Ratio	Lower	Upper
99	100		
42	20.0	14.5	21.7
71	34.9	25.4	38.0





#8

2-Chlorophenol

Concen: 31.823 ng

RT: 6.64 min Scan# 774

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

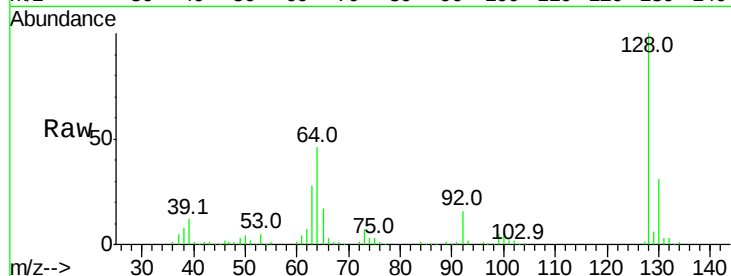
ClientSampleId :

PB104614BS

Tot Ion:	128	Resp:	109290
Ion Ratio	Lower	Upper	
128	100		
130	30.8	13.0	53.0
64	46.4	29.4	69.4

Manual Integrations
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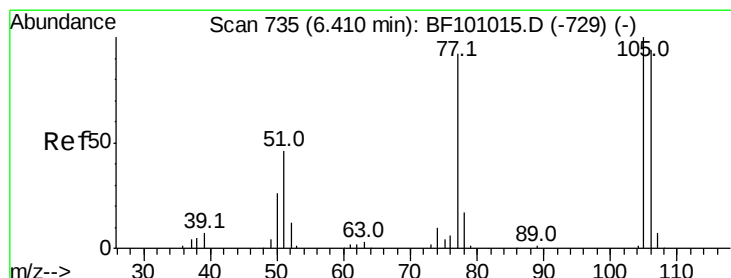
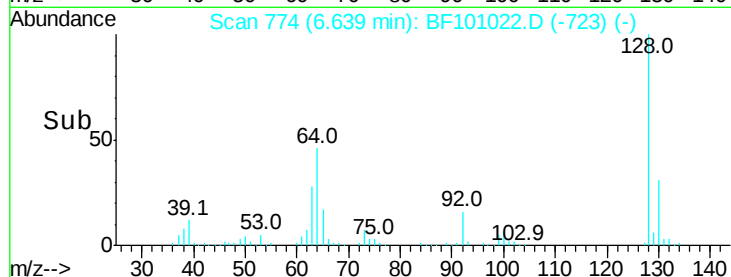
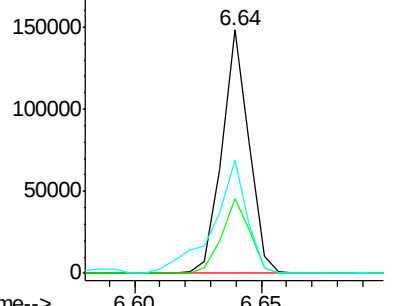
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1



#9

Benzaldehyde

Concen: 20.862 ng

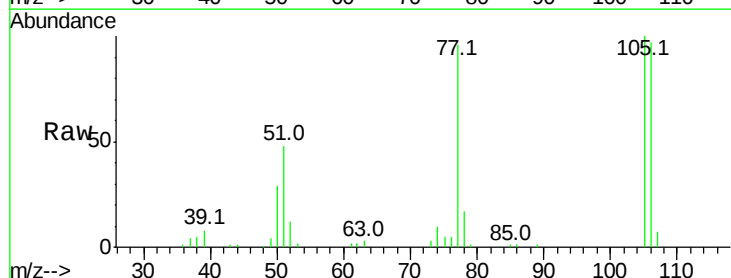
RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

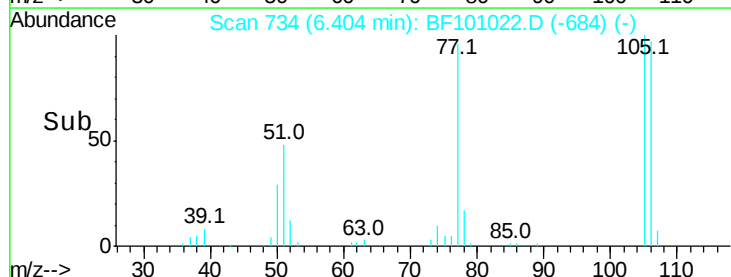
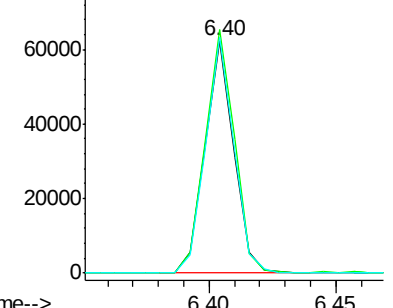
Tgt Ion:	77	Resp:	48828
Ion Ratio	Lower	Upper	
77	100		
105	104.7	81.1	121.1
106	101.4	74.5	114.5

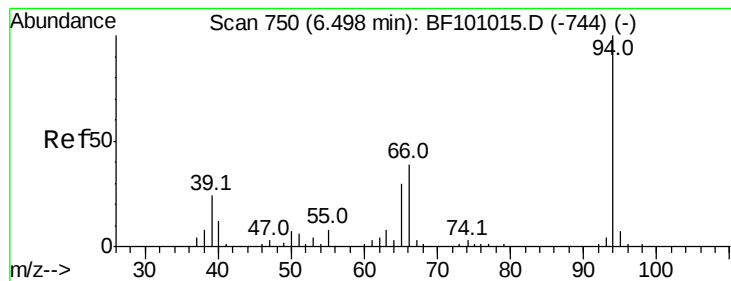


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 30.602 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

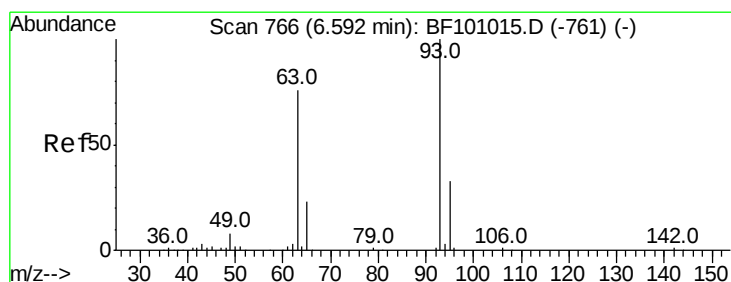
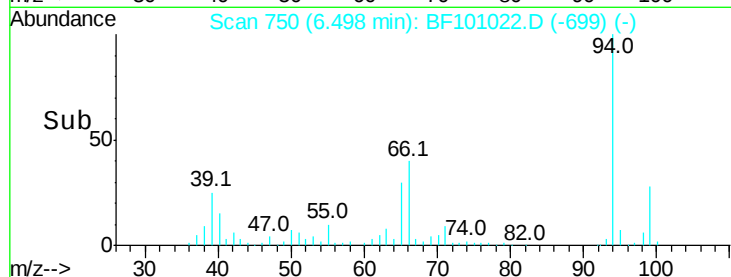
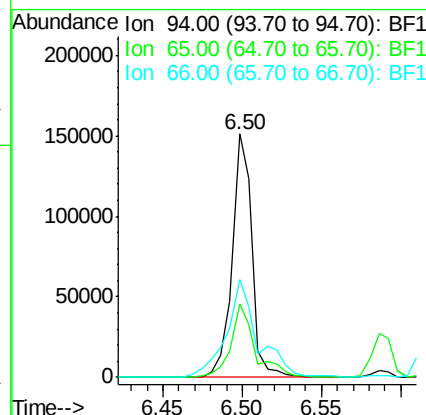
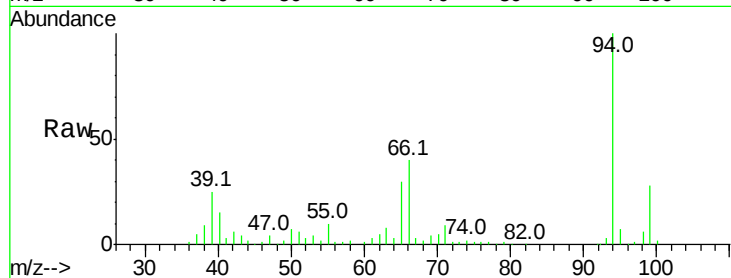
ClientSampleId :

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Tot Ion	94	Resp	130125
Ion Ratio	Lower	Upper	
94	100		
65	30.4	7.9	47.9
66	40.4	16.2	56.2

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 30.546 ng

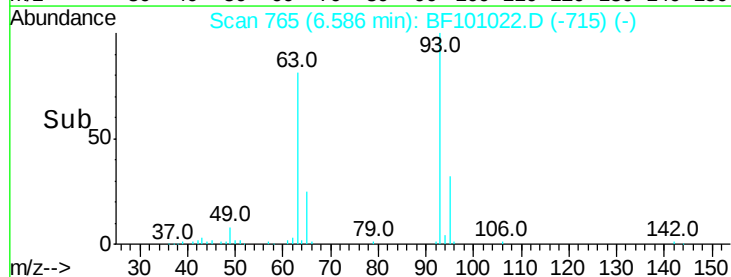
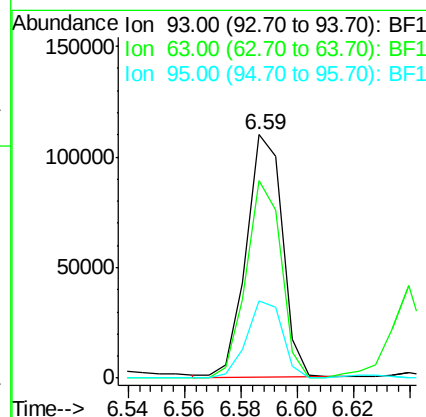
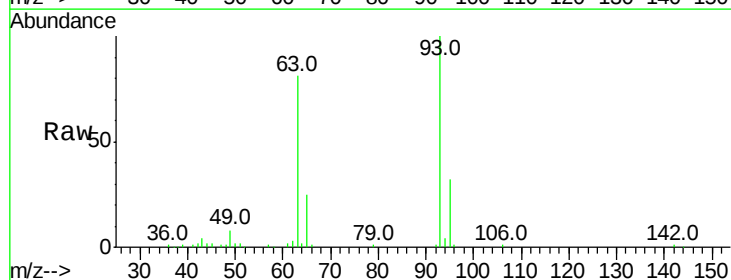
RT: 6.59 min Scan# 765

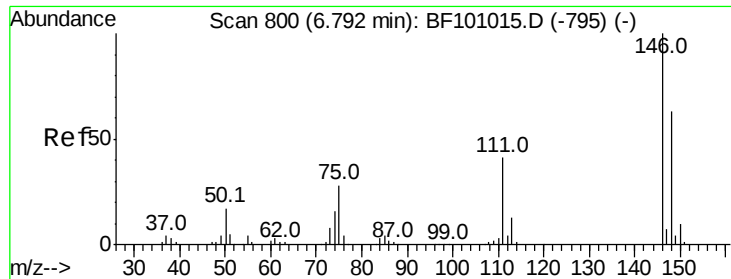
Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion	93	Resp	97426
Ion Ratio	Lower	Upper	
93	100		
63	81.1	58.6	98.6
95	31.6	11.8	51.8





#12

1,3-Dichlorobenzene

Concen: 30.898 ng

RT: 6.79 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

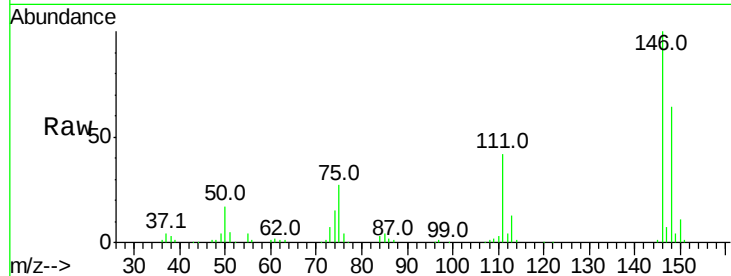
ClientSampleId :

PB104614BS

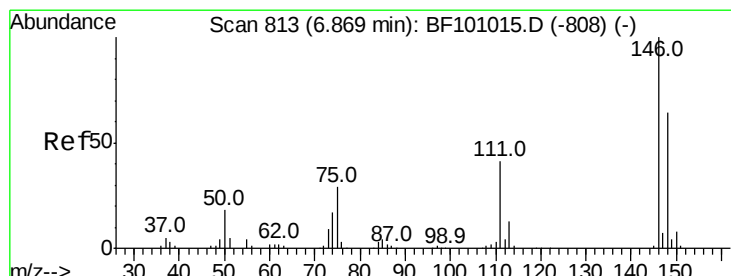
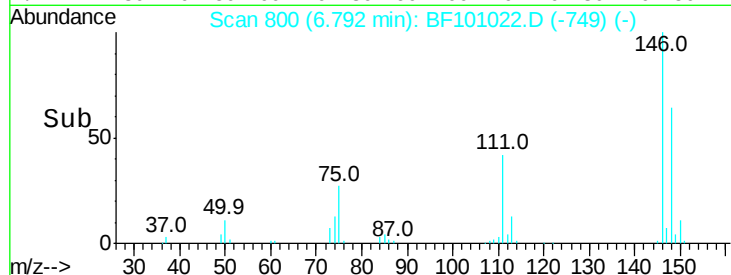
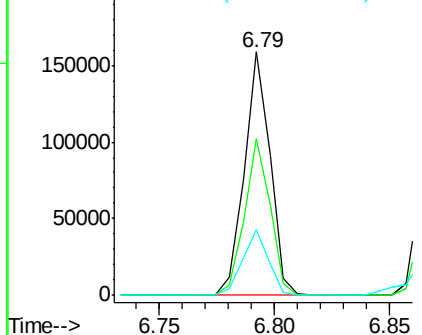
Tot Ion:	146	Resp:	123560
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	27.2	24.2	36.4

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 30.434 ng

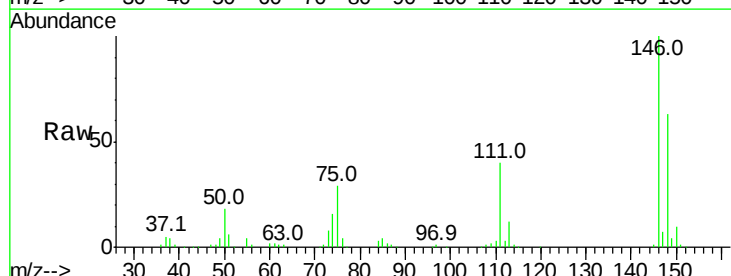
RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

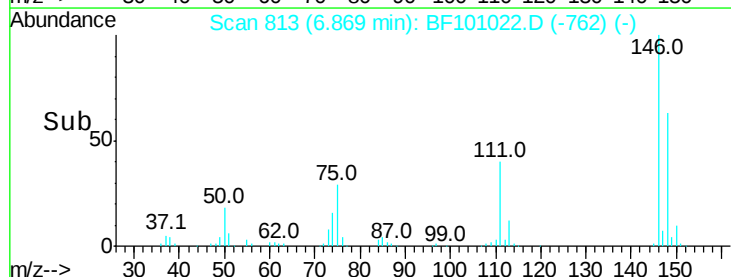
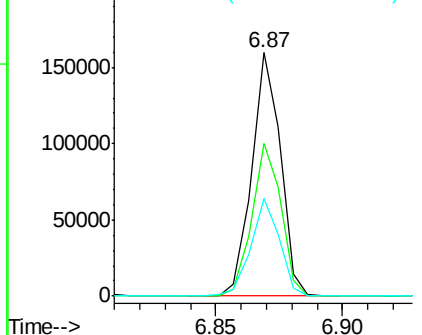
Lab File: BF101022.D

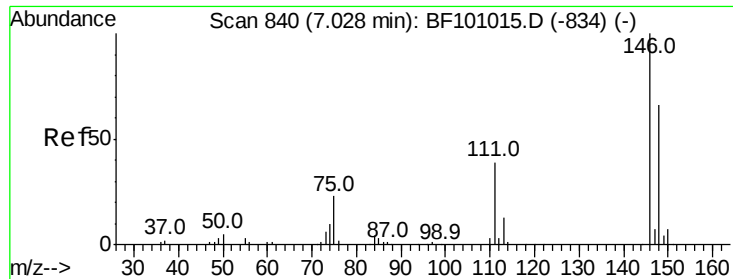
Acq: 30 Nov 2017 17:30

Tgt Ion:	146	Resp:	126004
Ion Ratio	Lower	Upper	
146	100		
148	62.7	50.8	76.2
111	40.1	34.2	51.2



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: 30.442 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

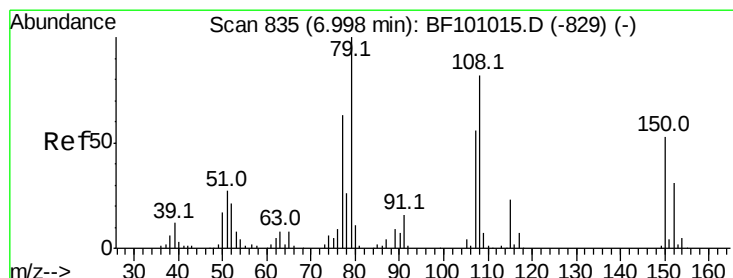
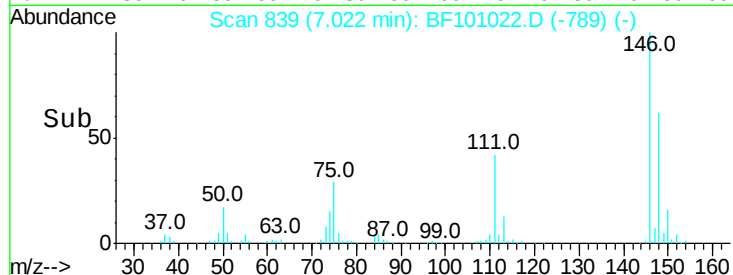
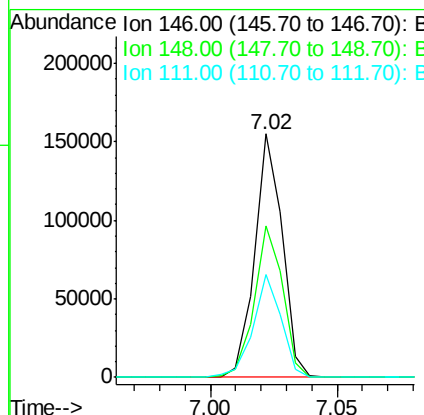
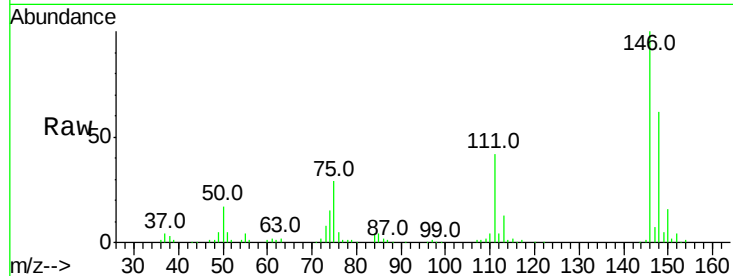
ClientSampleId :

PB104614BS

Tot Ion:	146	Resp:	117561
Ion Ratio	Lower	Upper	
146	100		
148	62.4	50.6	75.8
111	42.2	36.0	54.0

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#15

Benzyl Alcohol

Concen: 31.456 ng

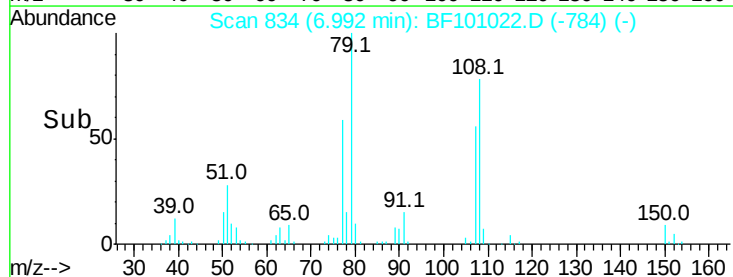
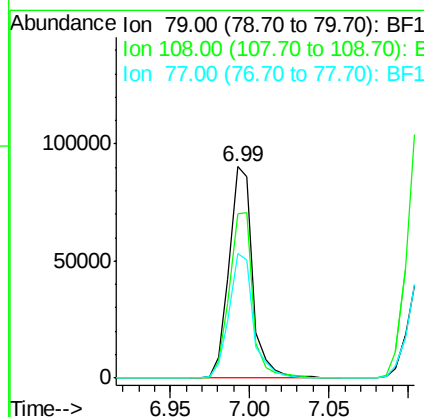
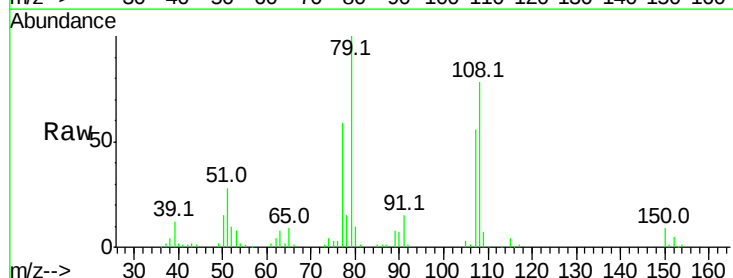
RT: 6.99 min Scan# 834

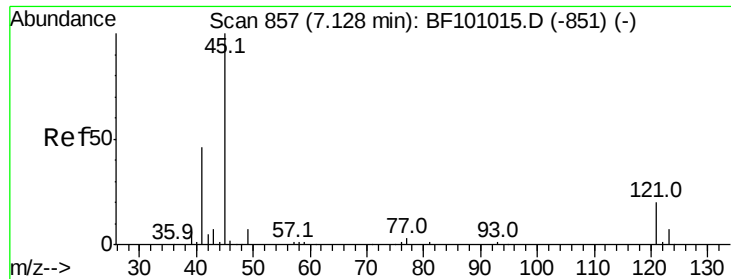
Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:	79	Resp:	92906
Ion Ratio	Lower	Upper	
79	100		
108	77.9	65.1	97.7
77	59.0	50.6	75.8





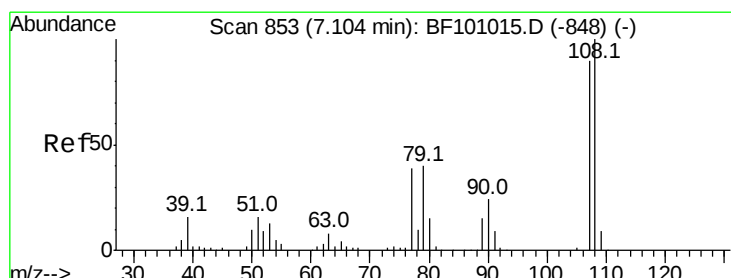
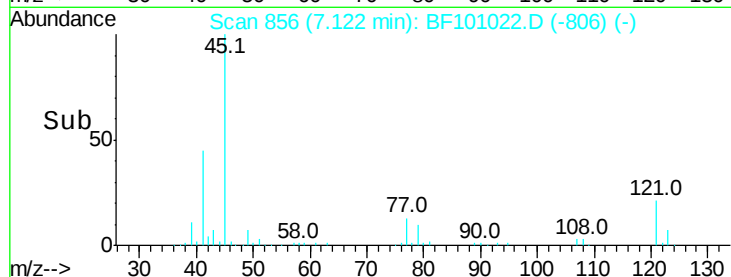
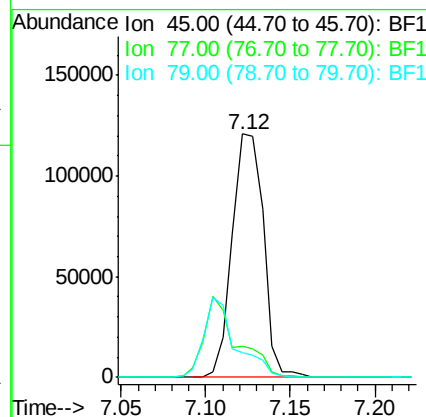
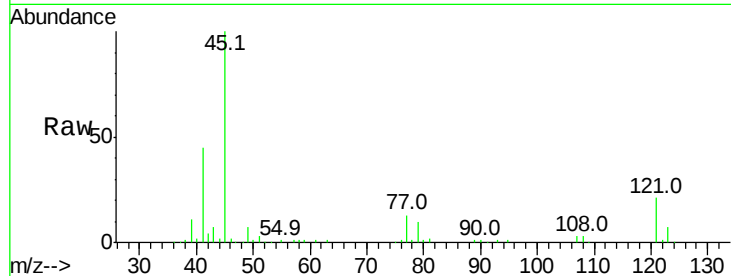
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 35.774 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
45	100		
77	12.9	0.0	32.9
79	10.0	0.0	29.6

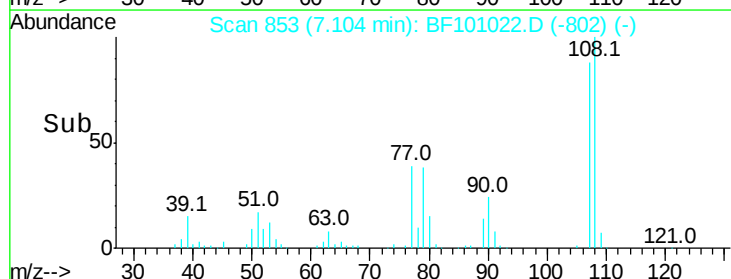
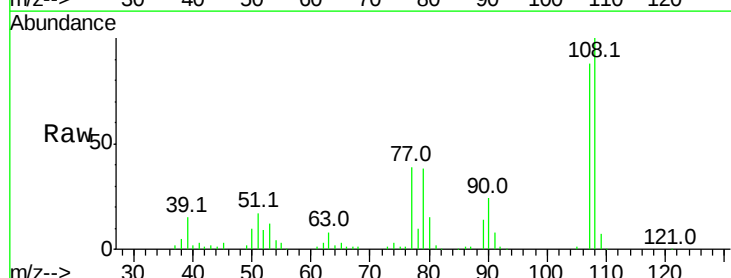
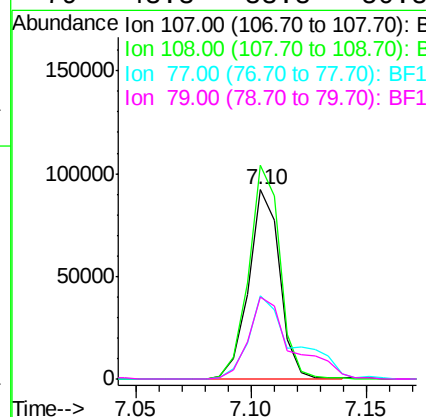
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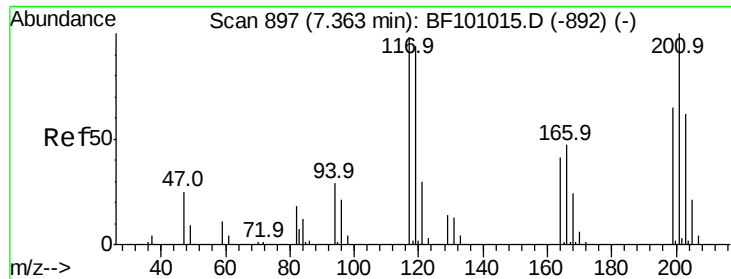
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#17
2-Methylphenol
Concen: 31.354 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.7	137.5
77	43.8	33.8	50.8
79	43.3	33.8	50.8





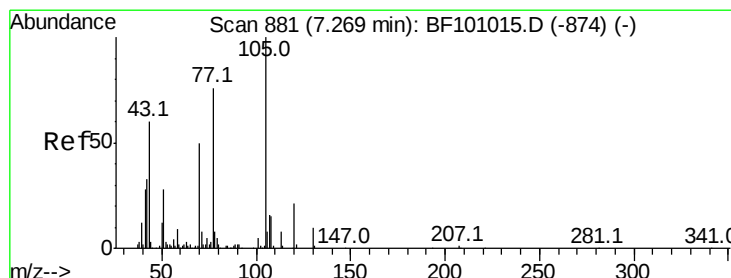
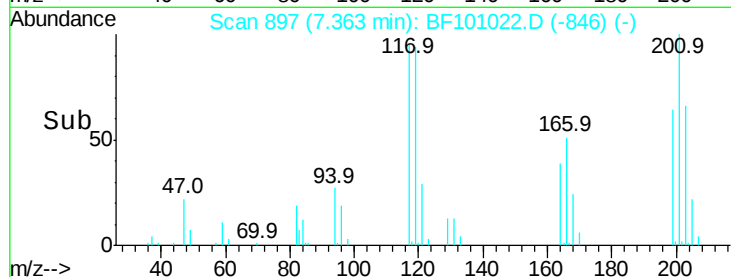
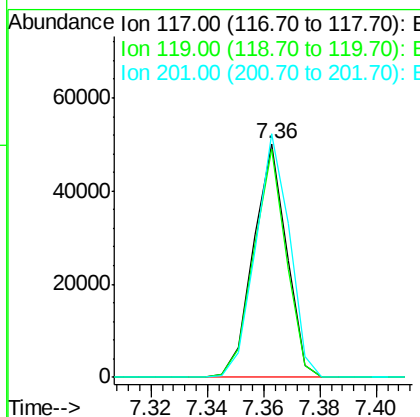
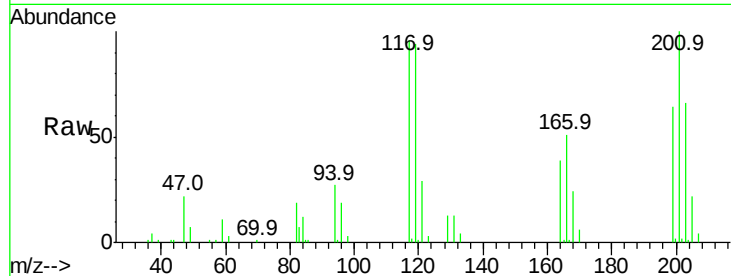
#18
Hexachloroethane
Concen: 30.588 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion:117 Resp: 40686
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.8
201 104.3 75.7 113.5

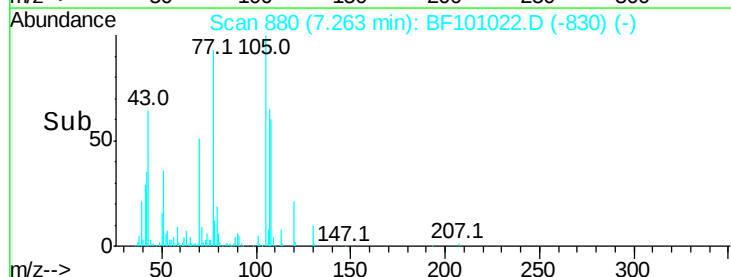
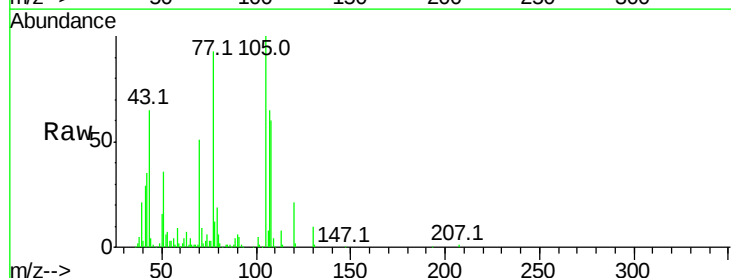
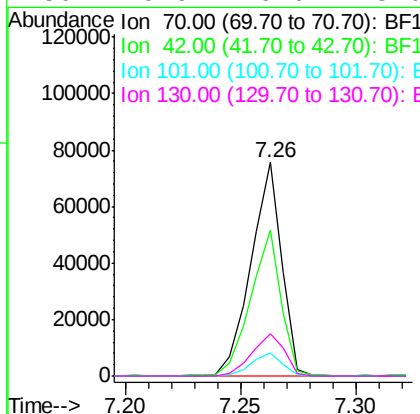
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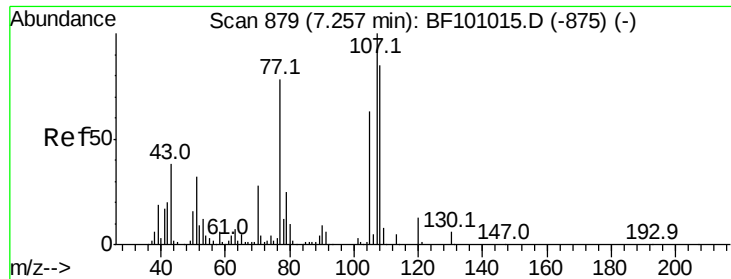
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#19
n-Nitroso-di-n-propylamine
Concen: 27.258 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion: 70 Resp: 70199
Ion Ratio Lower Upper
70 100
42 68.3 47.5 71.3
101 10.8 7.4 11.2
130 19.9 16.6 25.0





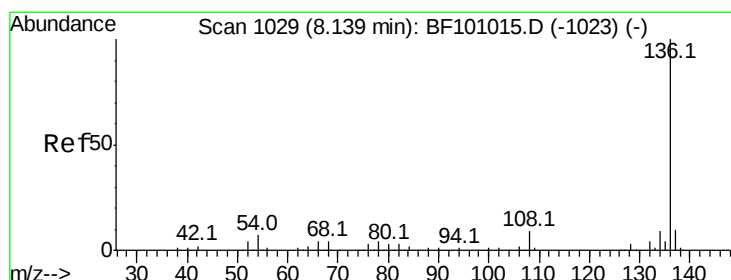
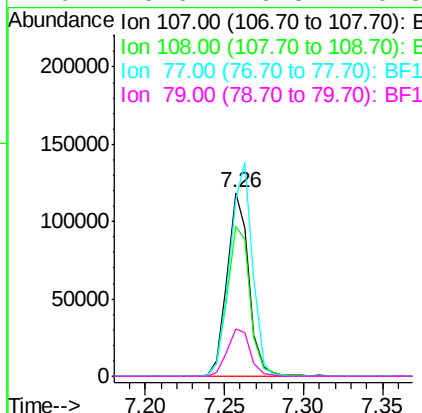
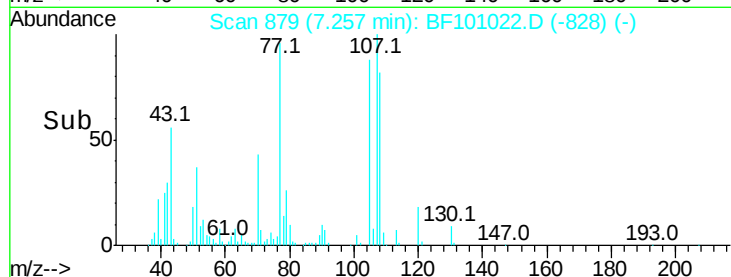
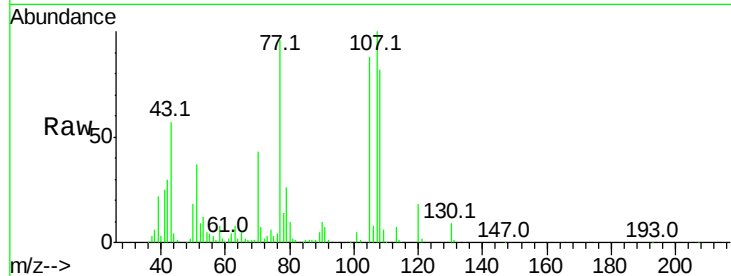
#20
3+4-Methylphenols
Concen: 31.191 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	81.8	68.2	108.2
77	96.2	26.7	66.7#
79	25.6	6.3	46.3

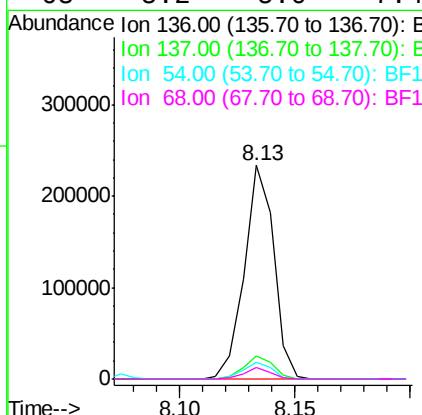
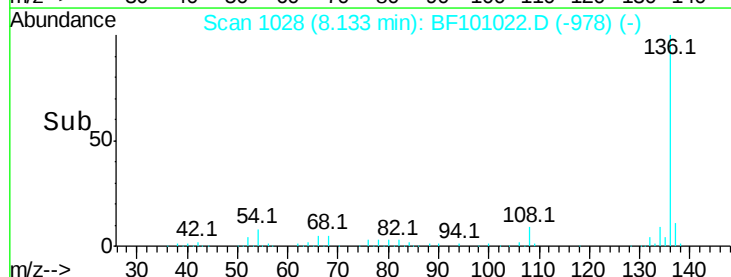
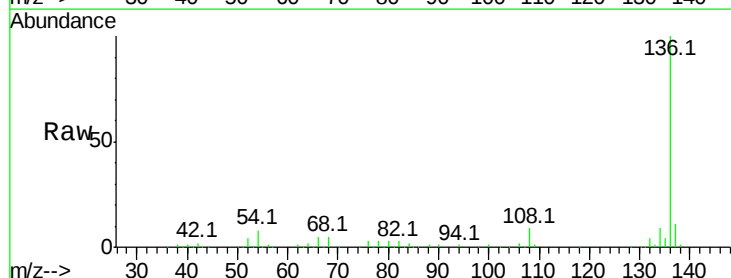
Manual Integrations
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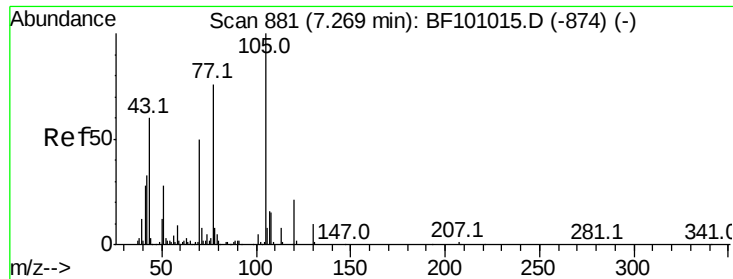
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.9	6.6	9.8
68	5.2	5.0	7.4





#22

Acetophenone

Concen: 27.948 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

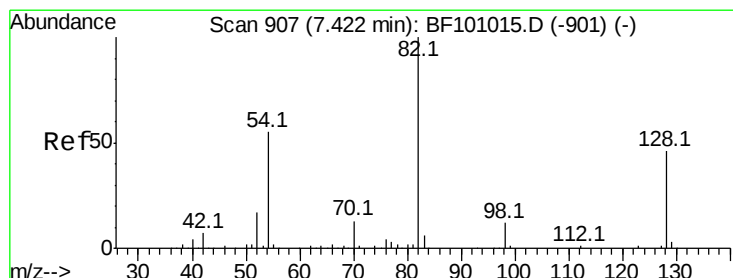
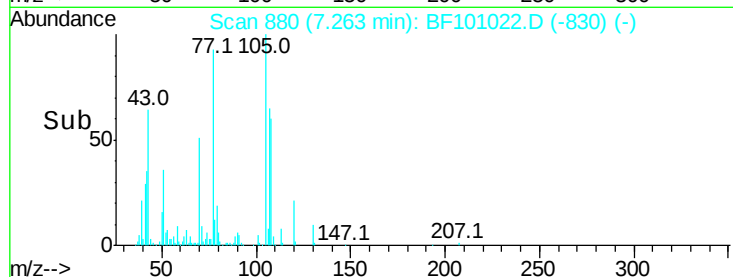
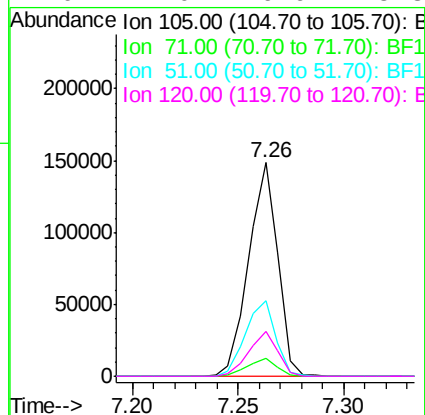
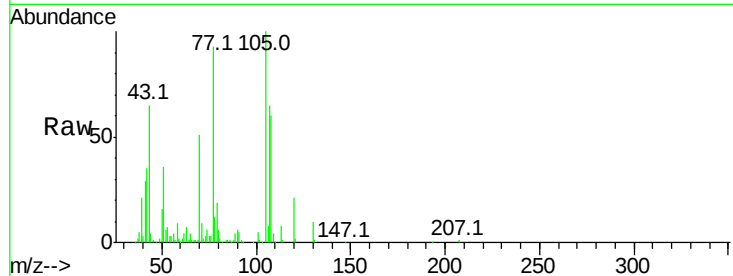
ClientSampleId :

PB104614BS

Tot Ion	Ratio	Lower	Upper
105	100		
71	8.7	4.4	6.6#
51	35.6	22.3	33.5#
120	21.0	16.9	25.3

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#23

Nitrobenzene-d5

Concen: 61.611 ng

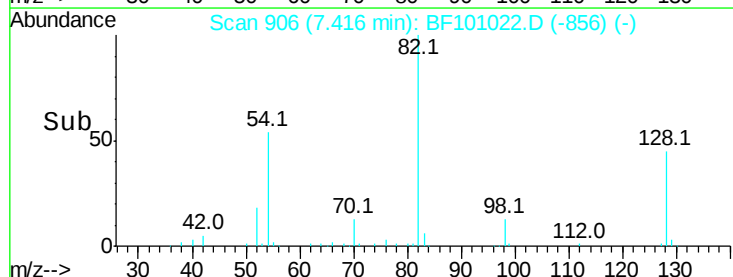
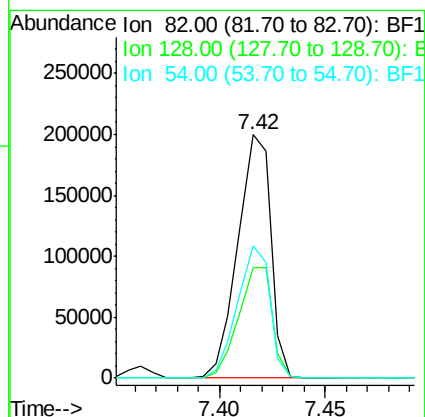
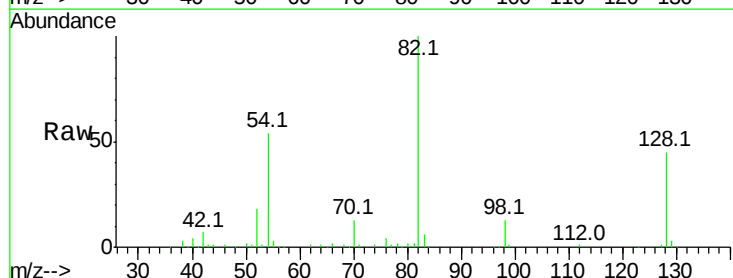
RT: 7.42 min Scan# 906

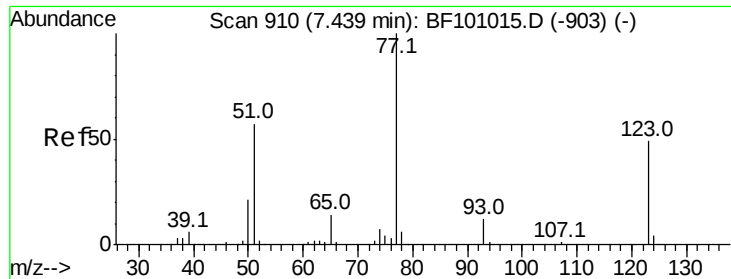
Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.1	54.1
54	54.2	41.4	62.2





#24

Nitrobenzene

Concen: 31.015 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

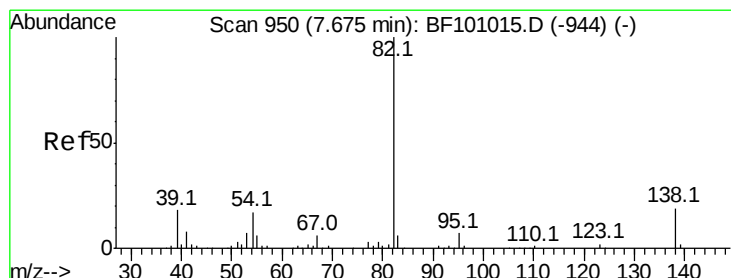
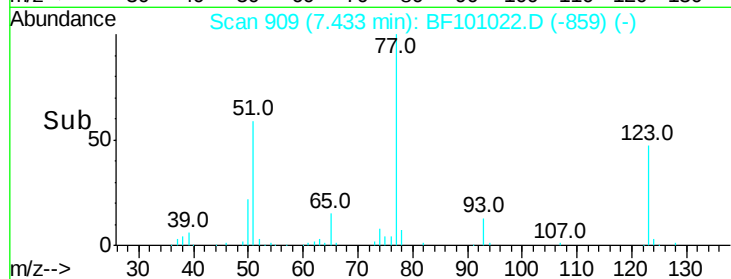
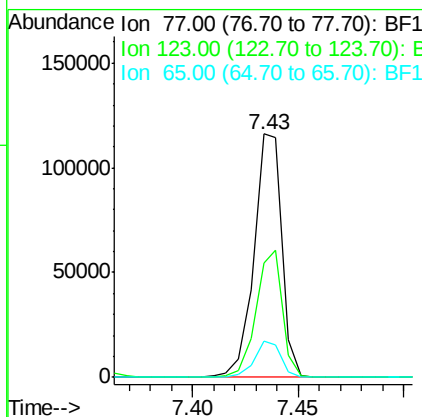
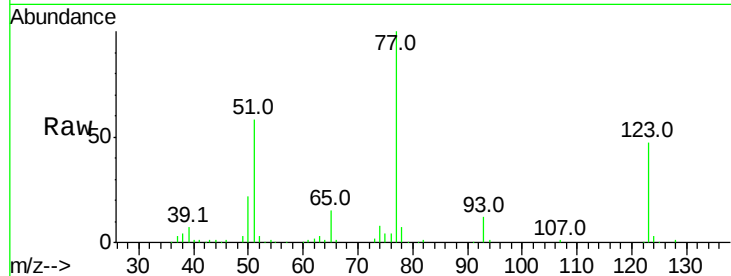
ClientSampled :

PB104614BS

Tot Ion:	77	Resp:	106652
Ion Ratio	Lower	Upper	
77	100		
123	47.1	37.9	56.9
65	15.0	11.0	16.4

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#25

Isophorone

Concen: 31.909 ng

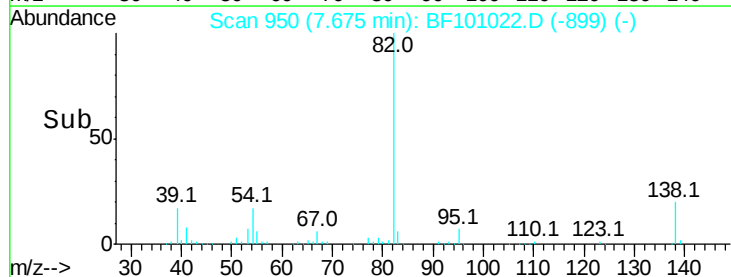
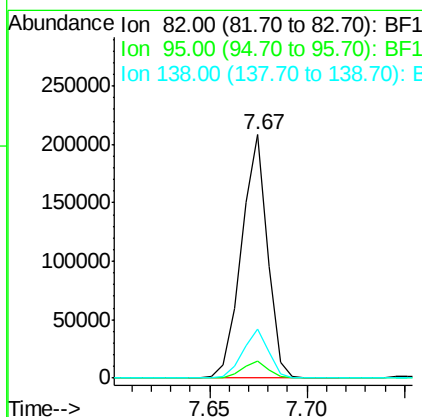
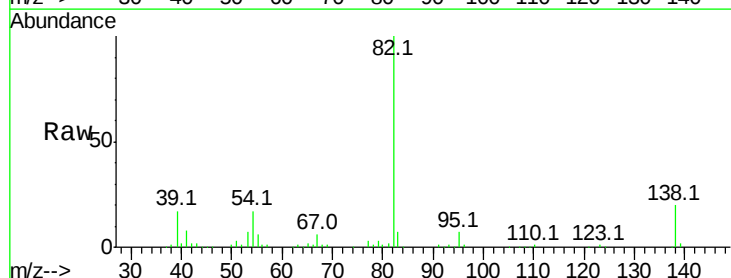
RT: 7.67 min Scan# 950

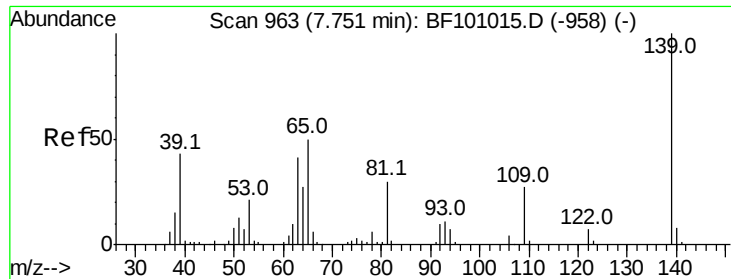
Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:	82	Resp:	191232
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	20.1	14.9	22.3





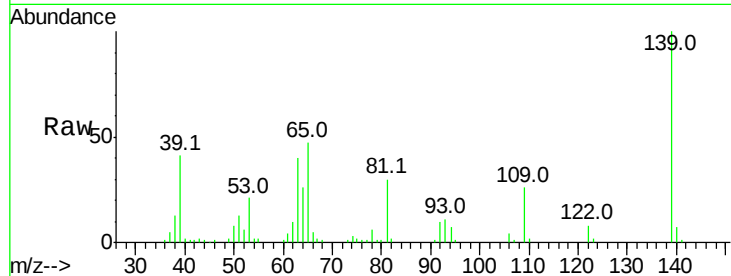
#26
2-Nitrophenol
Concen: 30.512 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

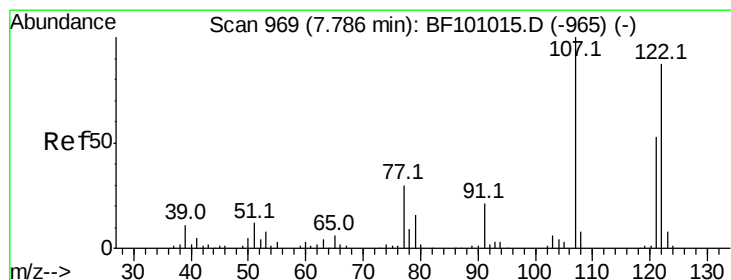
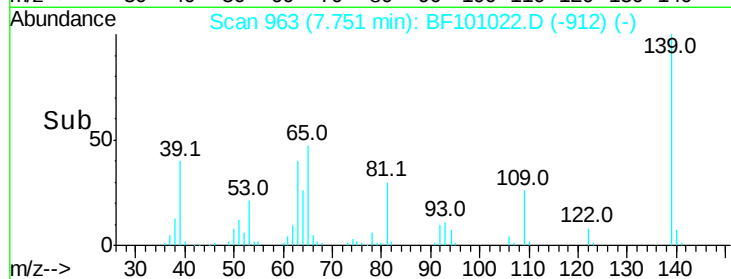
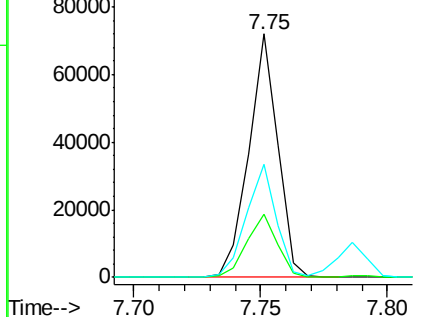
Tot Ion	Ratio	Resp	Lower	Upper
139	100	57597		
109	25.8	22.7	34.1	
65	46.7	40.5	60.7	

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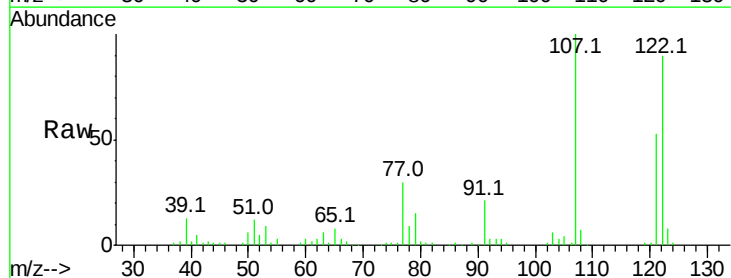


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

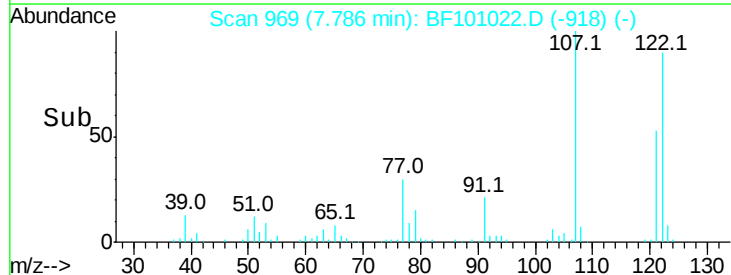
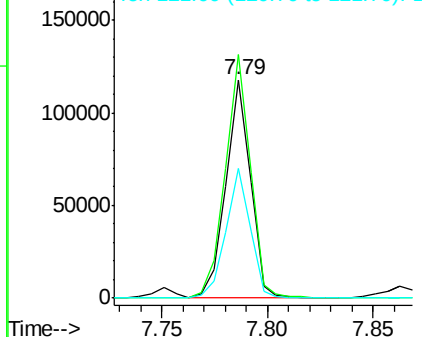


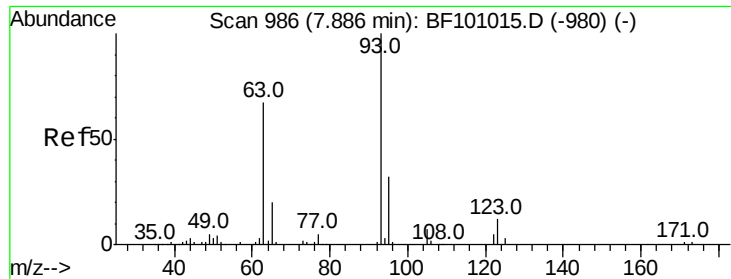
#27
2,4-Dimethylphenol
Concen: 34.627 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	94555		
107	111.6	91.2	136.8	
121	59.4	47.2	70.8	



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





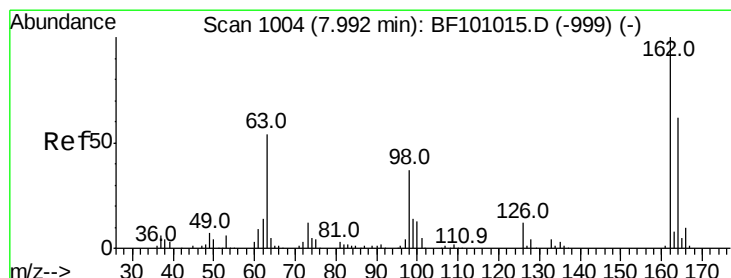
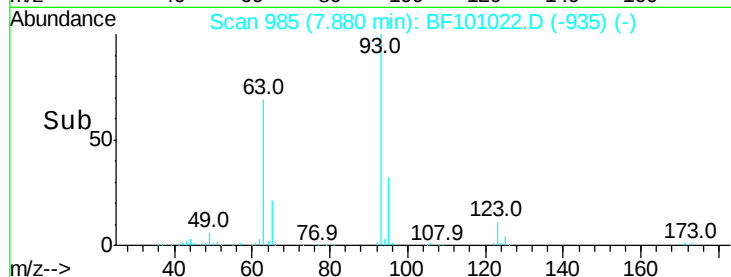
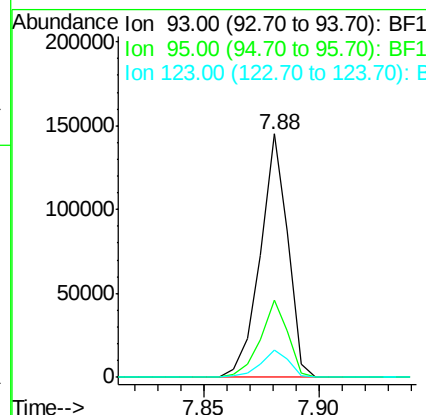
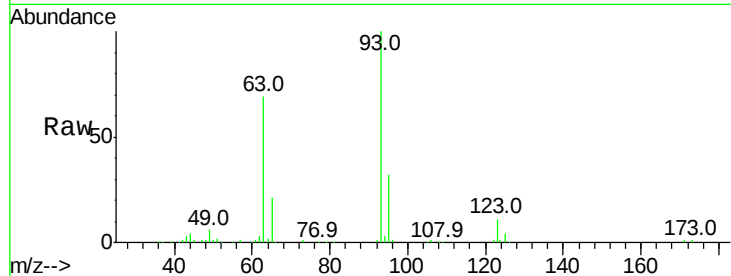
#28
bis(2-Chloroethoxy)methane
Concen: 29.922 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion:	93	Resp:	120526
Ion Ratio	Lower	Upper	
93	100		
95	31.7	26.3	39.5
123	11.4	9.8	14.6

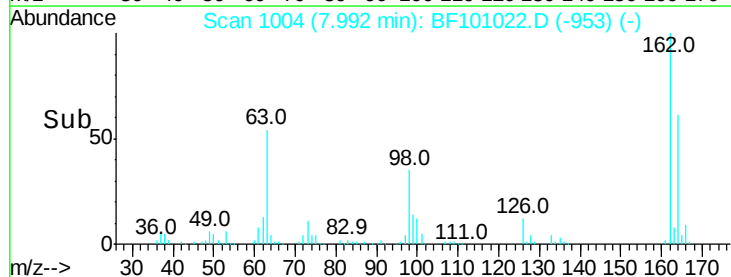
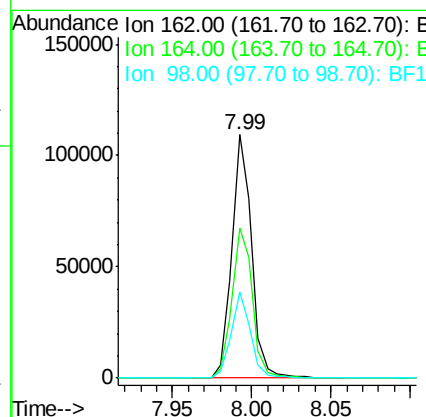
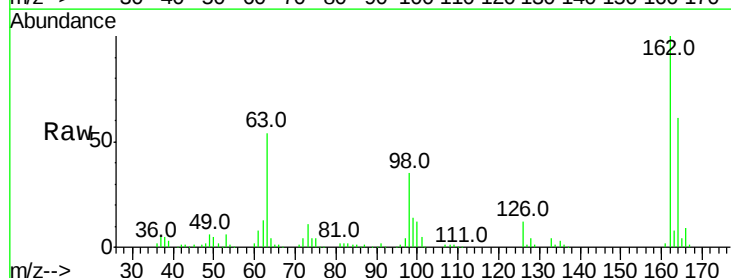
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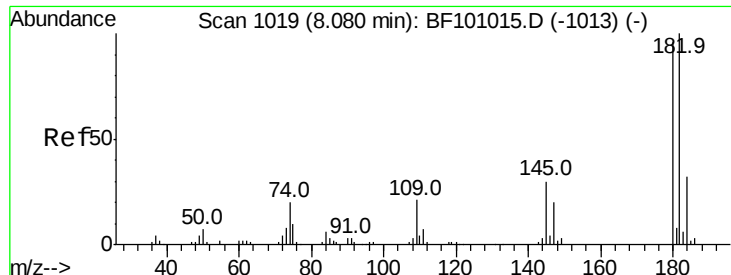
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#29
2,4-Dichlorophenol
Concen: 31.709 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion:	162	Resp:	94252
Ion Ratio	Lower	Upper	
162	100		
164	61.5	42.7	82.7
98	35.4	18.1	58.1





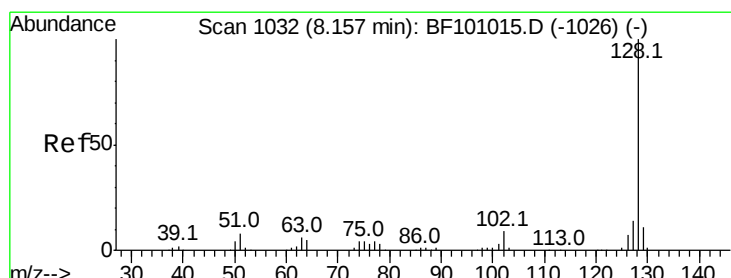
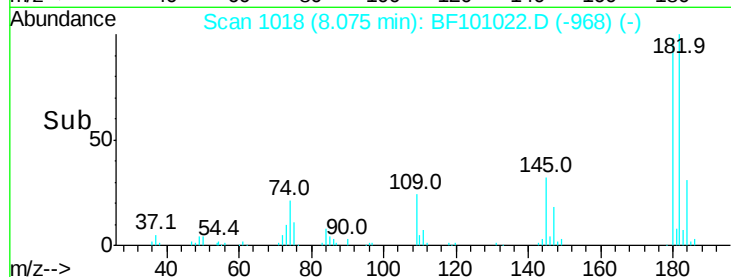
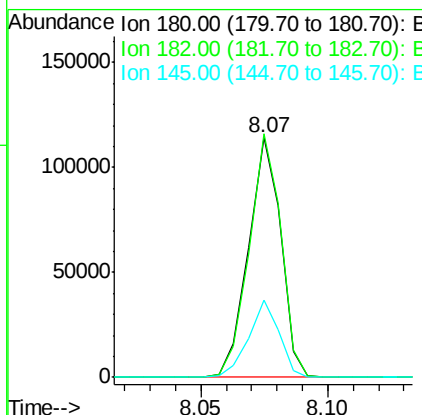
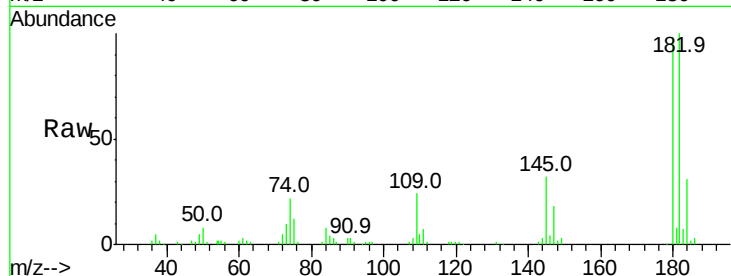
#30
1,2,4-Trichlorobenzene
Concen: 31.089 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	101612		
182	101.7	76.8	115.2	
145	32.5	26.5	39.7	

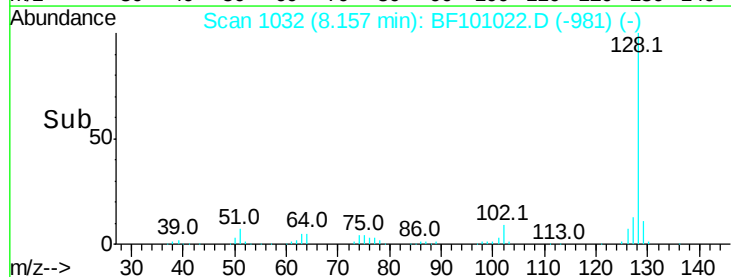
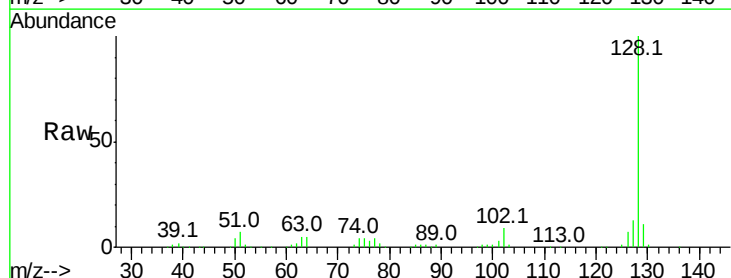
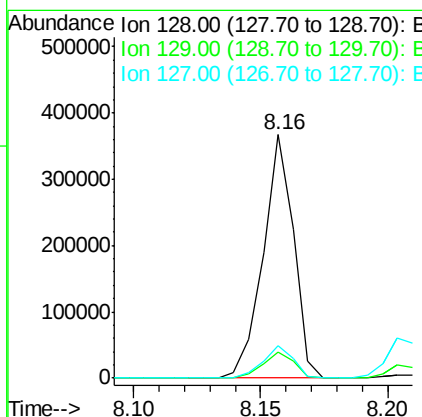
Manual Integrations
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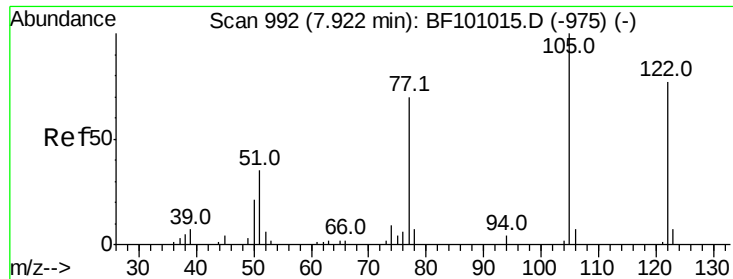
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#31
Naphthalene
Concen: 30.079 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	310279		
129	10.8	8.8	13.2	
127	13.2	10.9	16.3	





#32

Benzoic acid

Concen: 3.388 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.06 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

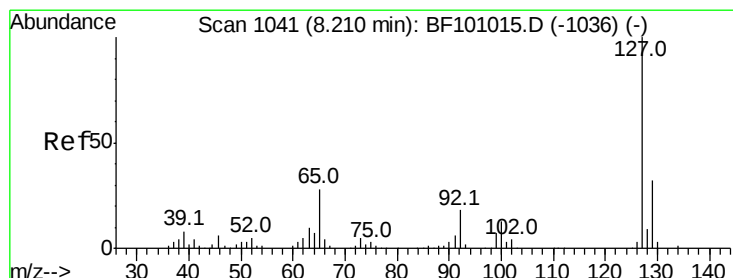
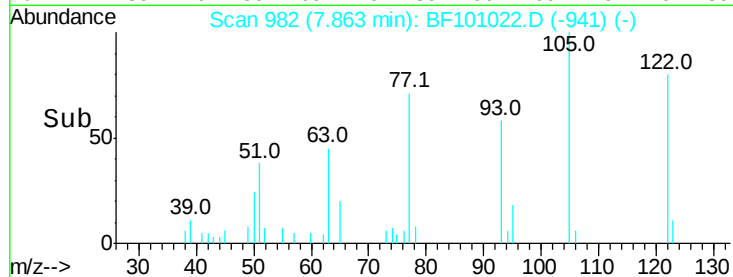
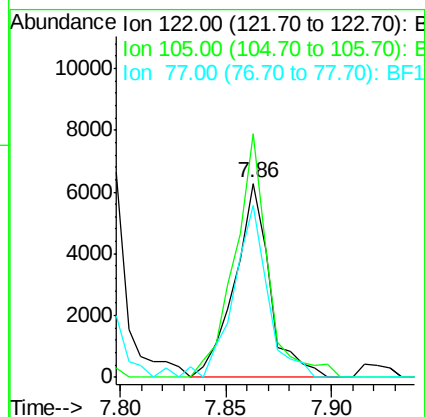
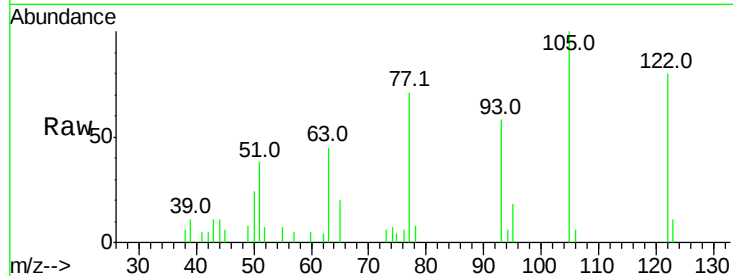
ClientSampled :

PB104614BS

Tot Ion:	122	Resp:	7195
Ion Ratio	Lower	Upper	
122	100		
105	125.5	101.1	141.1
77	88.7	70.7	110.7

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#33

4-Chloroaniline

Concen: 15.132 ng

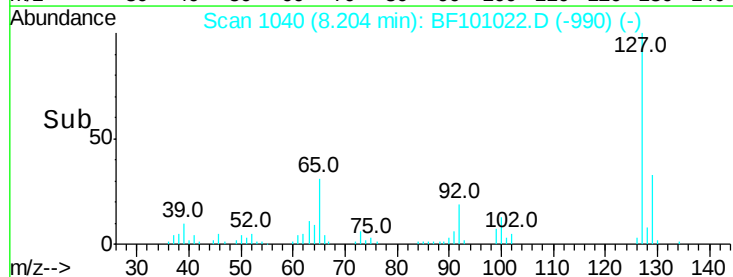
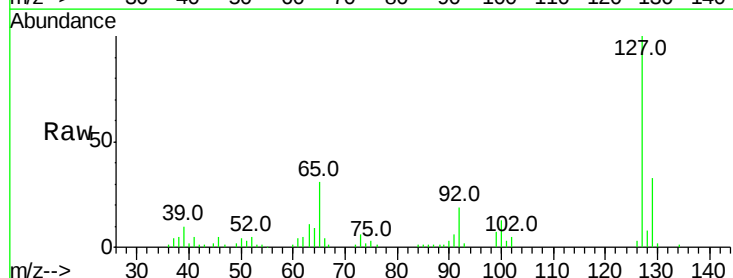
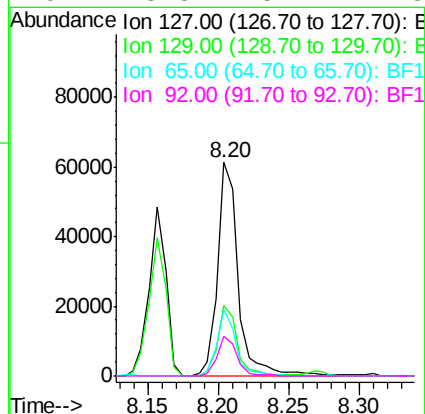
RT: 8.20 min Scan# 1040

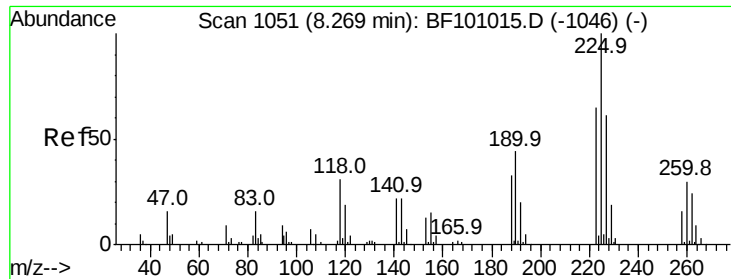
Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:	127	Resp:	62717
Ion Ratio	Lower	Upper	
127	100		
129	32.8	25.9	38.9
65	30.9	25.0	37.4
92	18.8	15.2	22.8





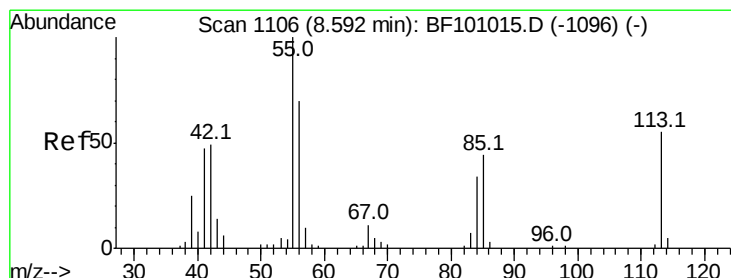
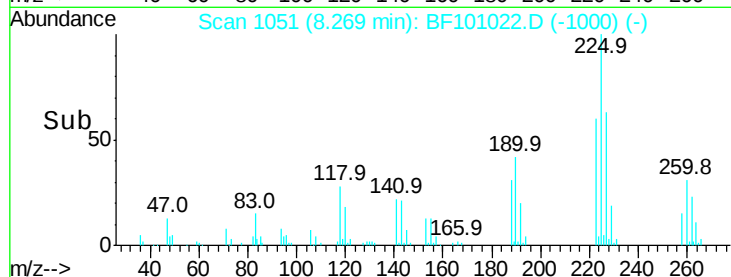
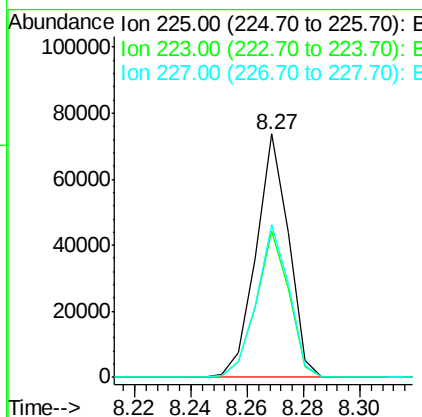
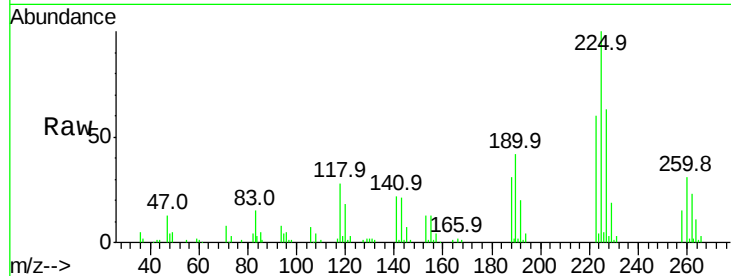
#34
Hexachlorobutadiene
Concen: 29.395 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampled :
PB104614BS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	58925		
223	60.3		50.6	76.0
227	63.0		51.9	77.9

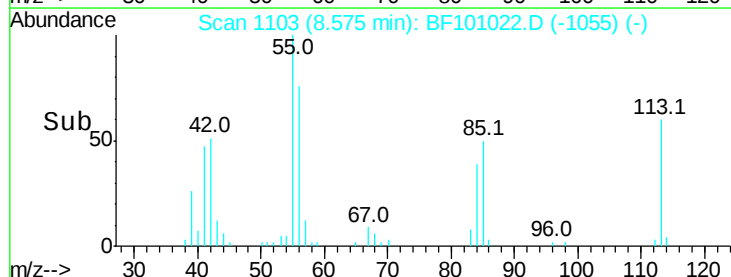
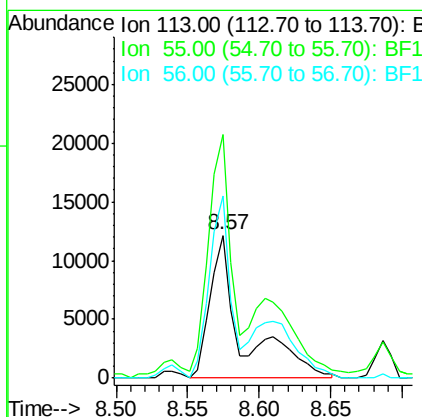
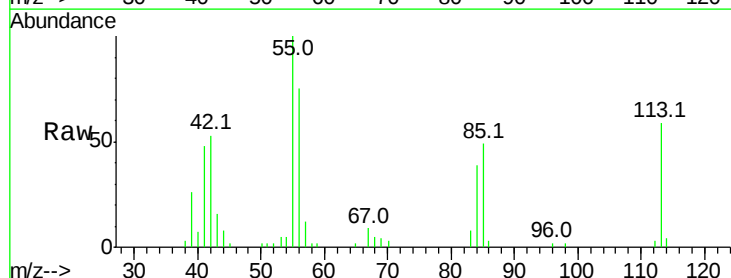
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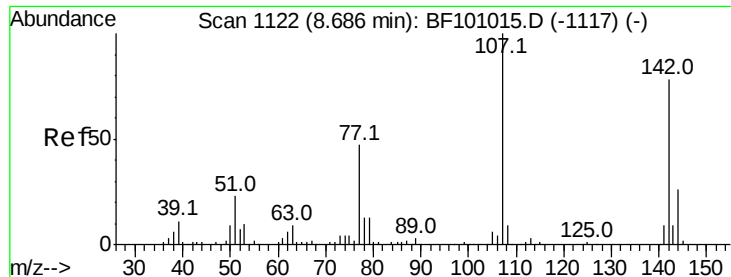
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#35
Caprolactam
Concen: 21.119 ng m
RT: 8.57 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	19563		
55	170.3		163.3	203.3
56	127.2		115.7	155.7





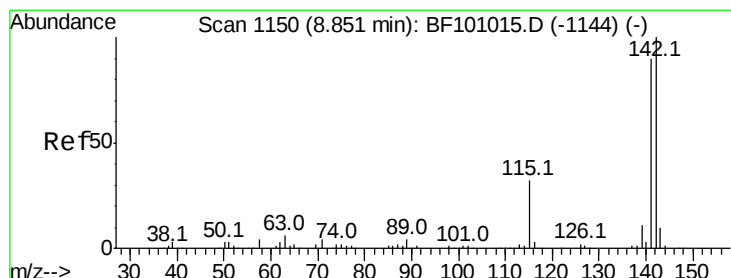
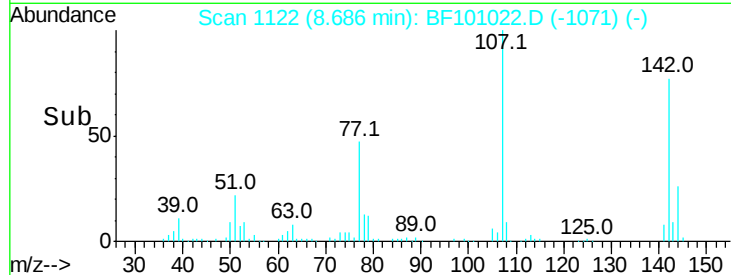
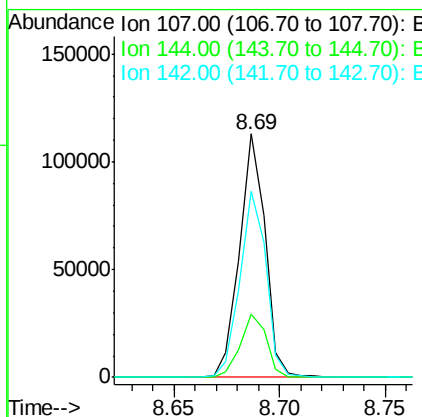
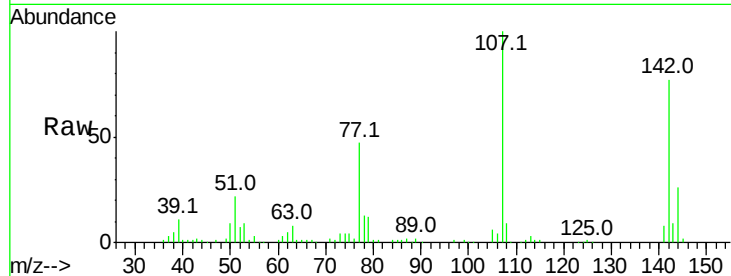
#36
 4-Chloro-3-methylphenol
 Concen: 30.751 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BS

Tot Ion:	107	Resp:	94683
Ion Ratio	Lower	Upper	
107	100		
144	26.2	20.5	30.7
142	76.5	62.0	93.0

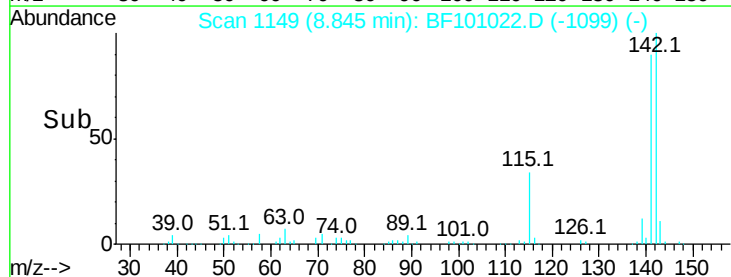
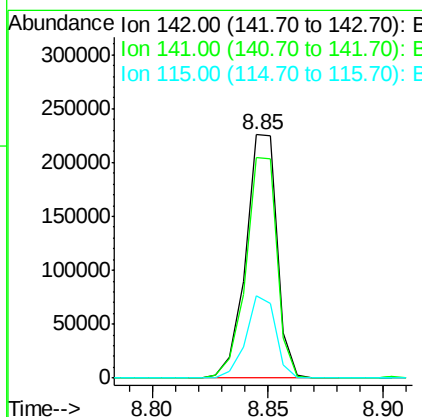
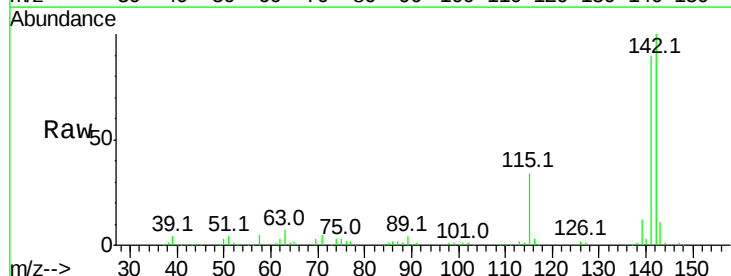
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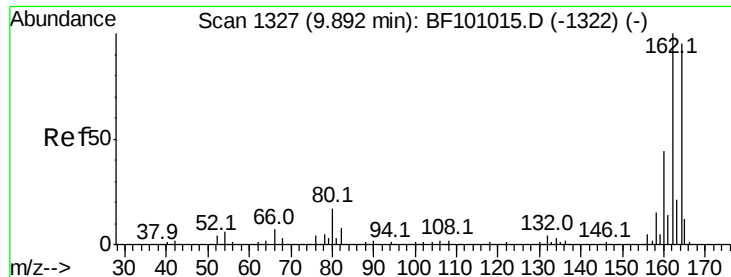
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#37
 2-Methylnaphthalene
 Concen: 30.586 ng
 RT: 8.85 min Scan# 1149
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion:	142	Resp:	214381
Ion Ratio	Lower	Upper	
142	100		
141	90.4	70.8	106.2
115	33.7	26.1	39.1





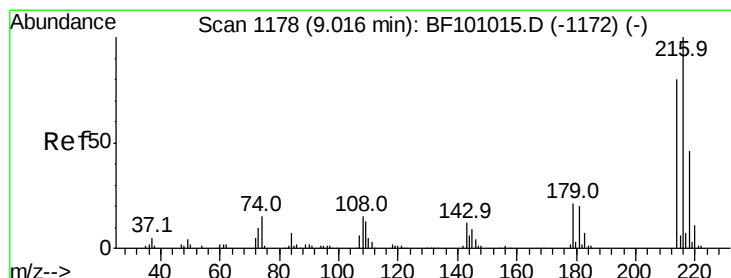
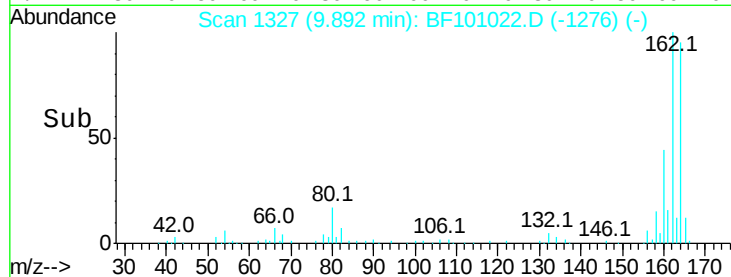
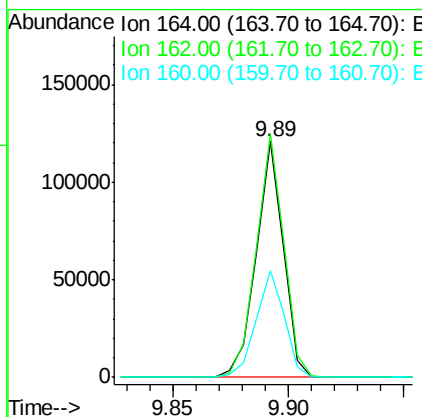
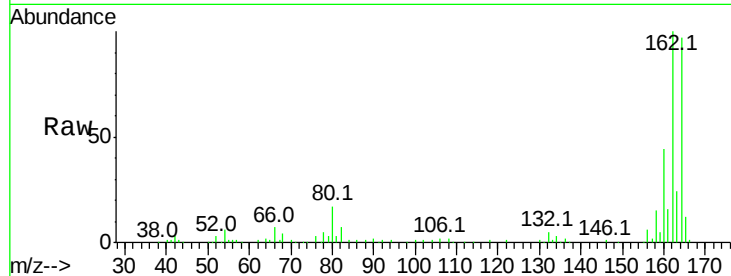
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.4	86.1	129.1
160	45.2	38.3	57.5

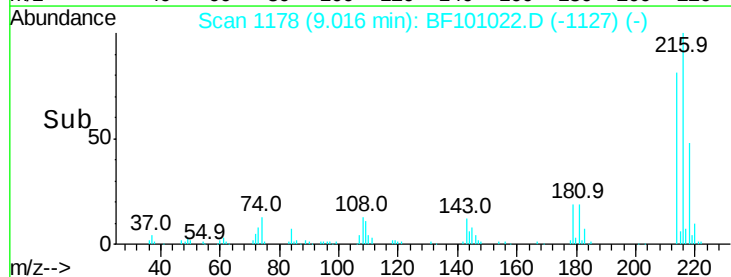
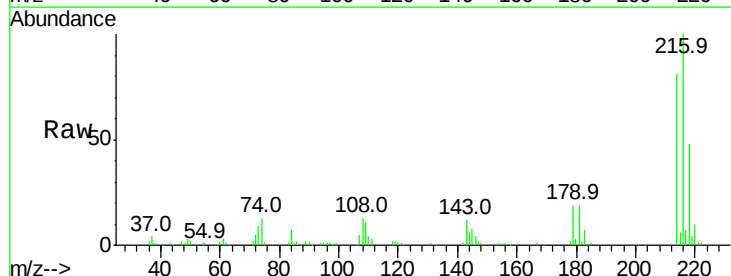
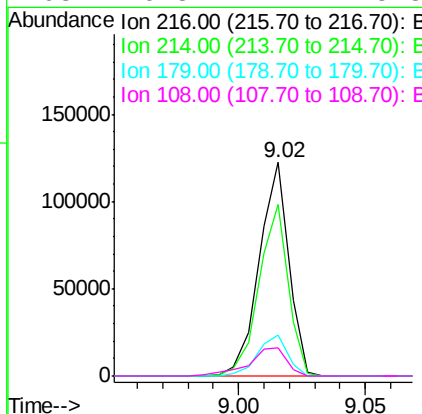
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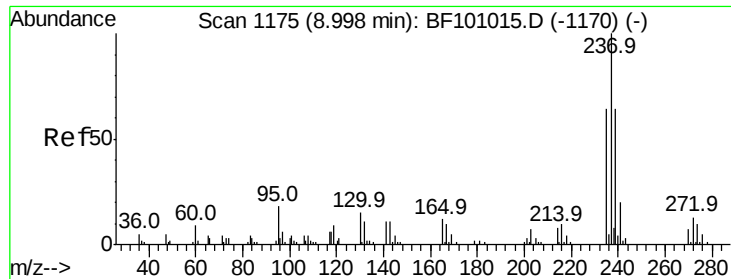
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.827 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.0	94.4
179	19.8	18.1	27.1
108	16.8	17.2	25.8#





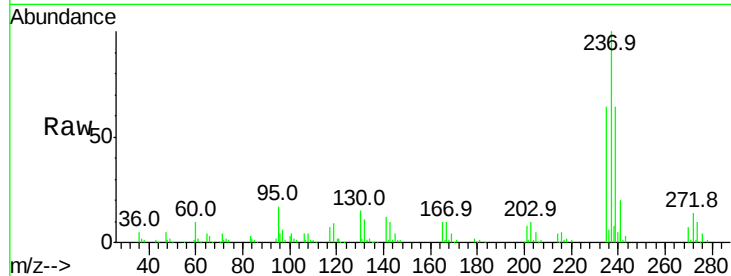
#40
Hexachlorocyclopentadiene
Concen: 67.850 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

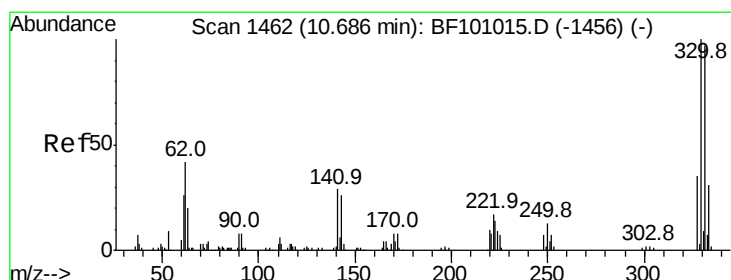
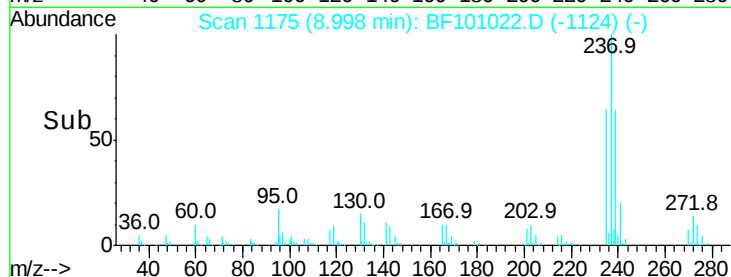
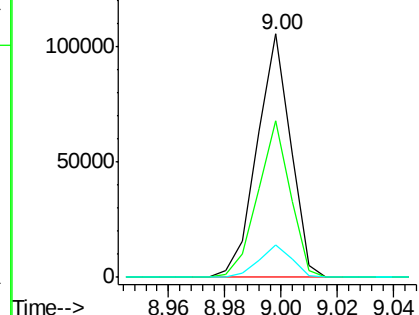
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.4	44.8	84.8
272	13.5	0.0	33.3

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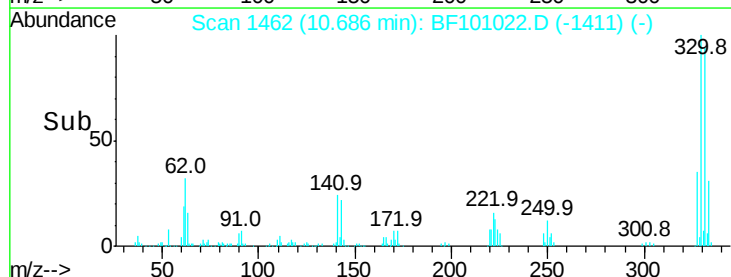
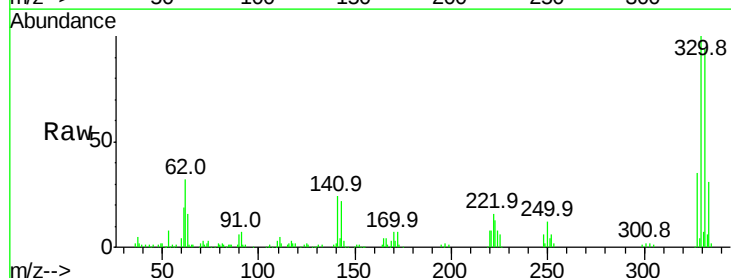
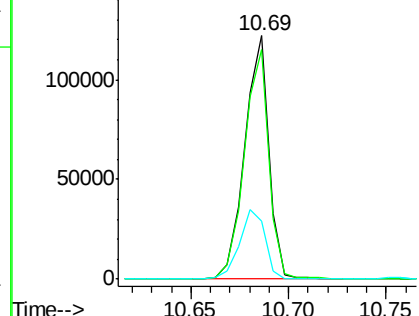
Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

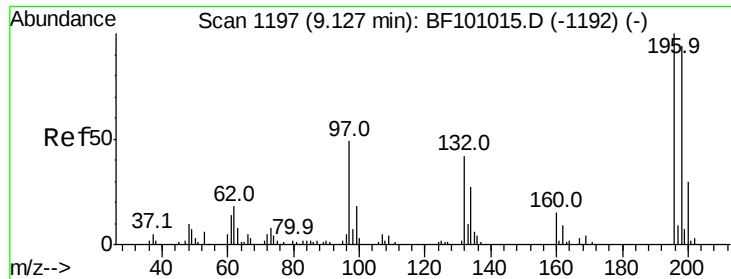


#41
2,4,6-Tribromophenol
Concen: 87.933 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.6	77.0	115.6
141	30.1	29.9	44.9

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





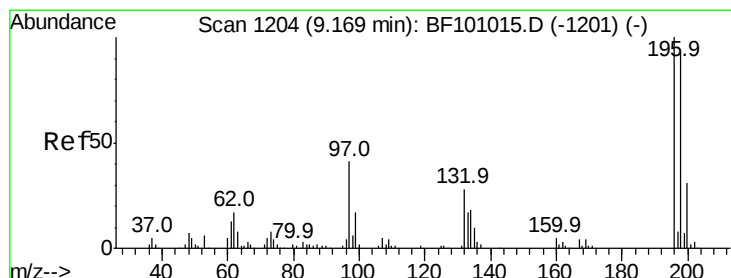
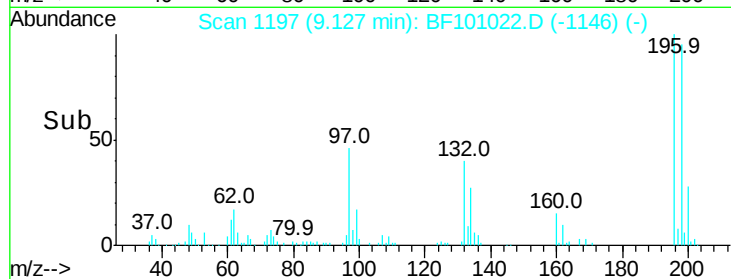
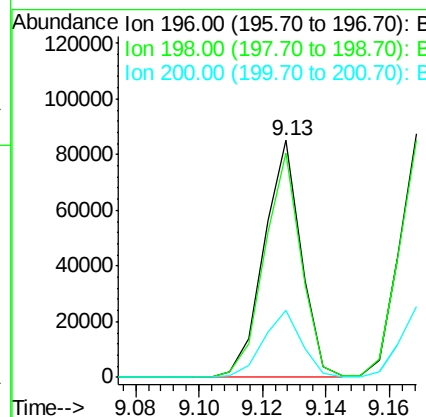
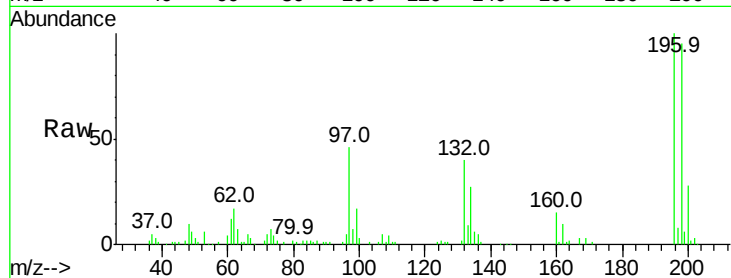
#42
 2,4,6-Trichlorophenol
 Concen: 32.754 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BS

Tot Ion:	196	Resp:	69268
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.7	113.5
200	28.5	24.5	36.7

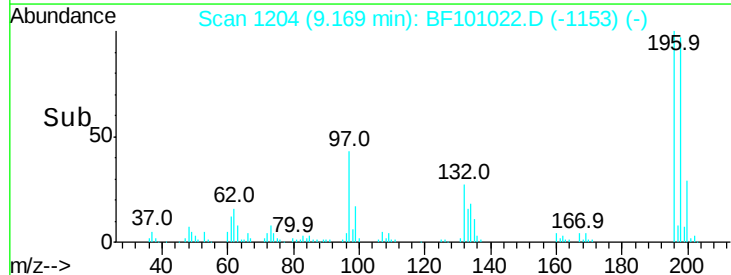
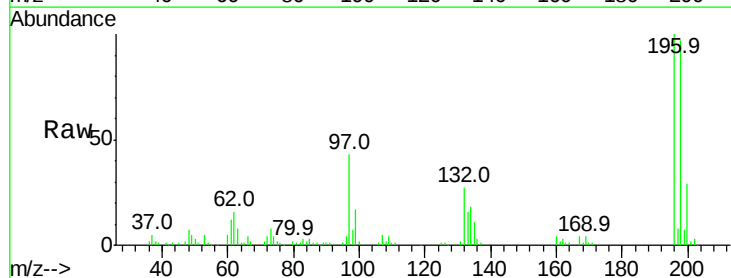
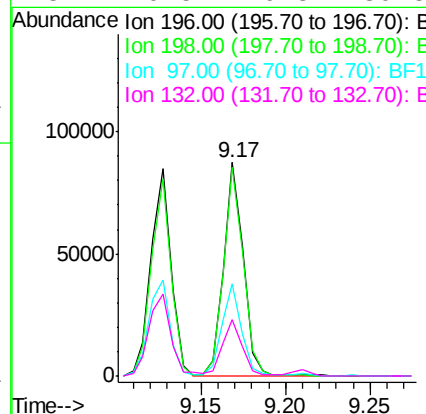
Manual Integrations
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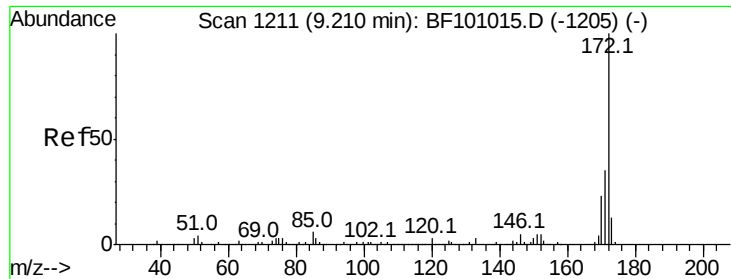
Sohil
 12/1/2017 11:12:40 AM



#43
 2,4,5-Trichlorophenol
 Concen: 31.973 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion:	196	Resp:	72289
Ion Ratio	Lower	Upper	
196	100		
198	97.4	74.6	112.0
97	43.2	42.9	64.3
132	26.5	26.3	39.5





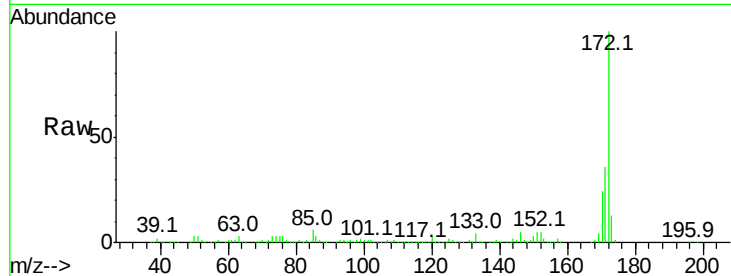
#44
2-Fluorobiphenyl
Concen: 65.690 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

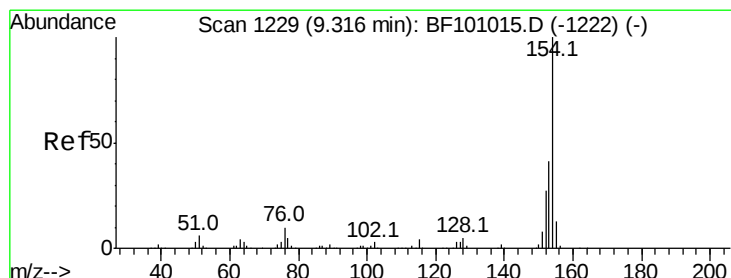
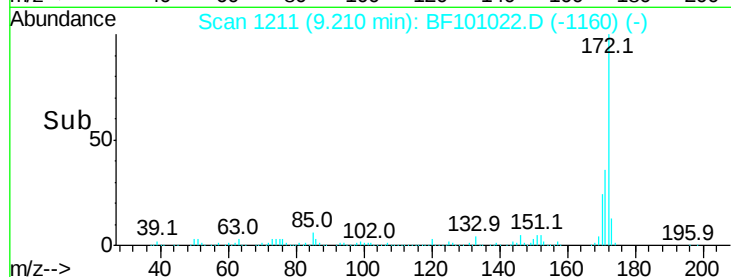
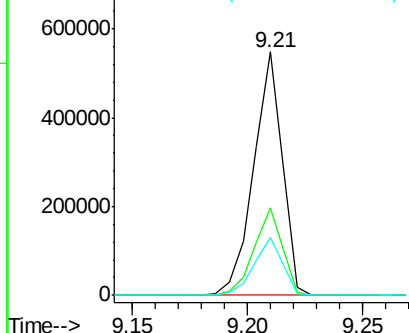
Tot Ion	Ratio	Resp	Lower	Upper
172	100	476791		
171	36.1		29.7	44.5
170	23.9		19.6	29.4

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12/1/2017 11:12:40 AM

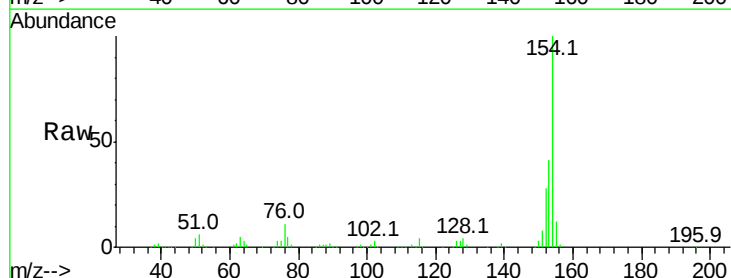


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

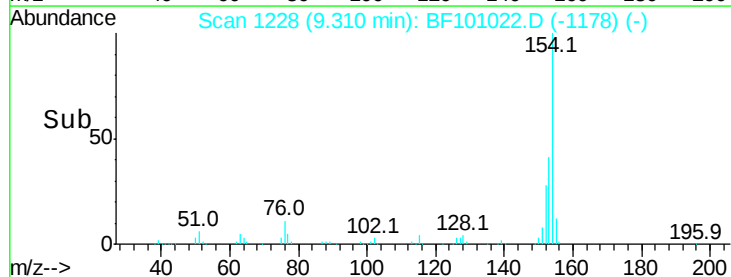
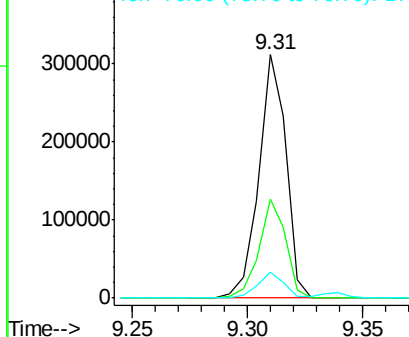


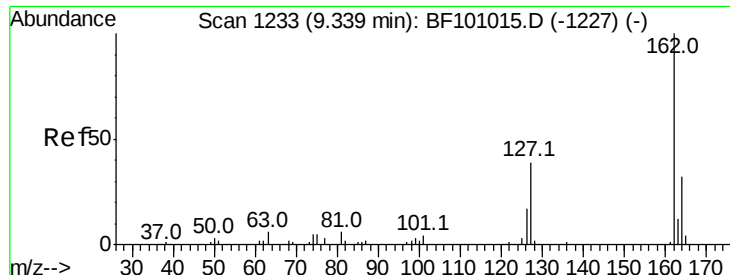
#45
1,1'-Biphenyl
Concen: 28.163 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	256242		
153	40.7		21.3	61.3
76	10.8		0.0	34.0



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





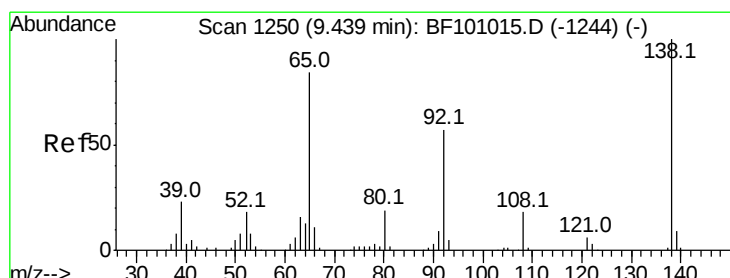
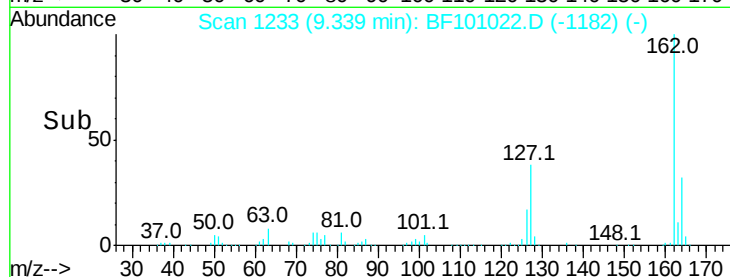
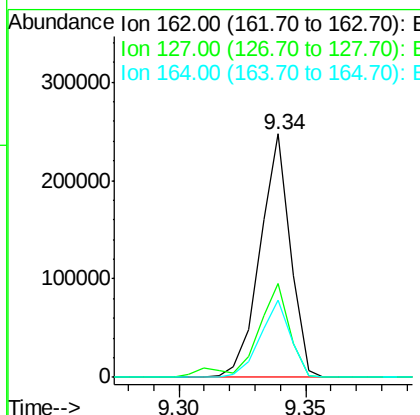
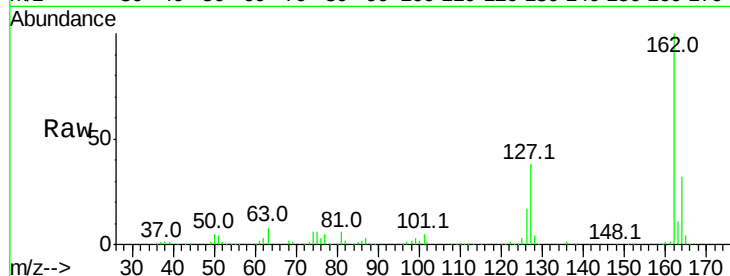
#46
2-Chloronaphthalene
Concen: 31.555 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.5	33.9	50.9
164	31.8	26.5	39.7

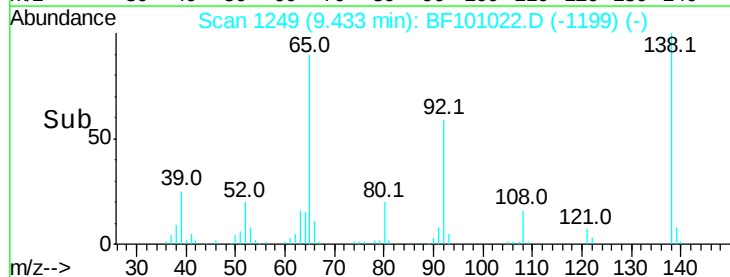
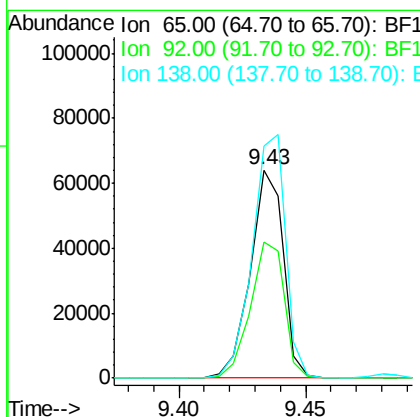
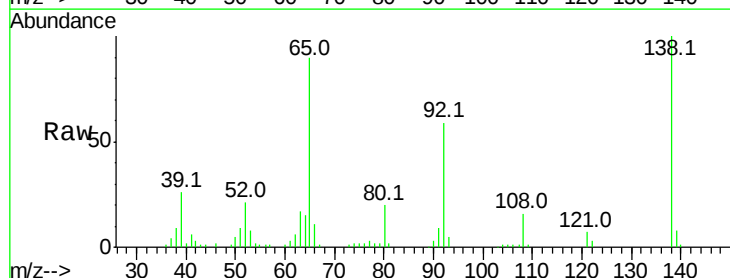
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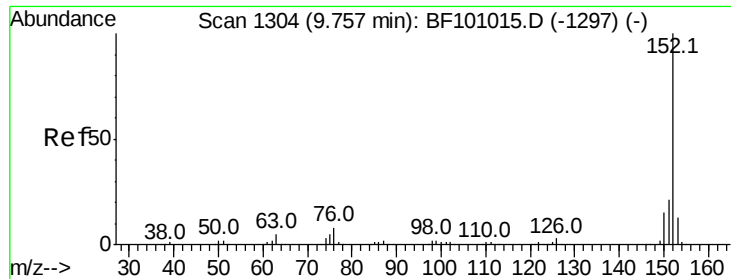
Sohil
12/1/2017 11:12:40 AM



#47
2-Nitroaniline
Concen: 30.430 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	65.5	55.8	83.6
138	111.6	91.2	136.8





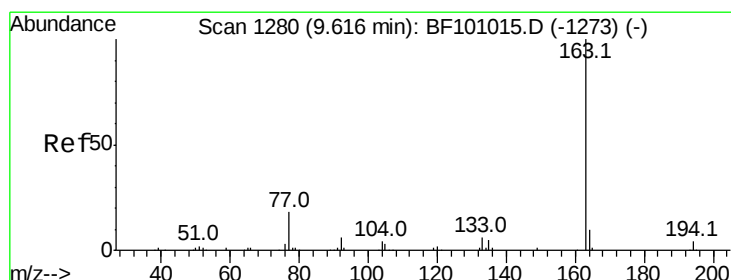
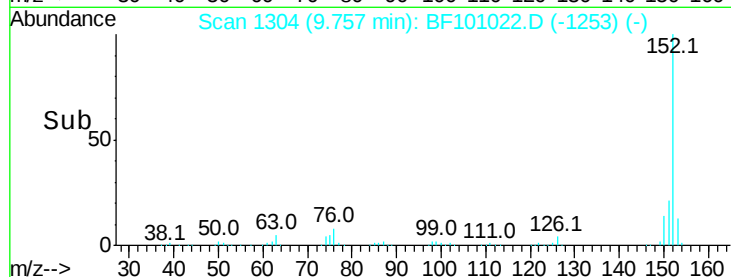
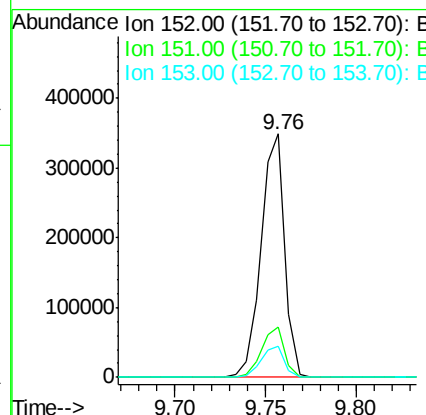
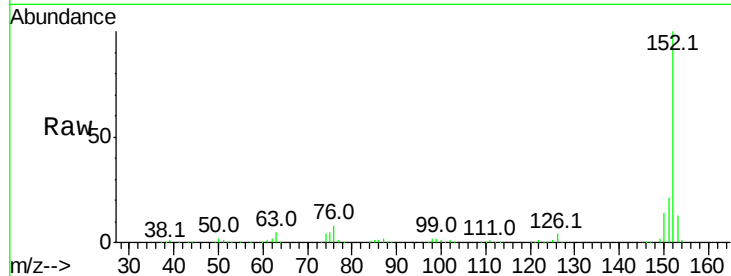
#48
Acenaphthylene
Concen: 29.665 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.6	16.3	24.5	
153	12.8	10.7	16.1	

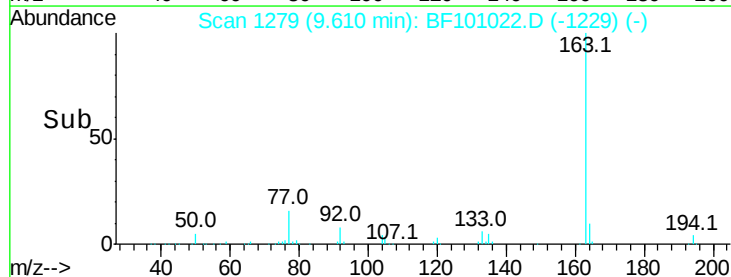
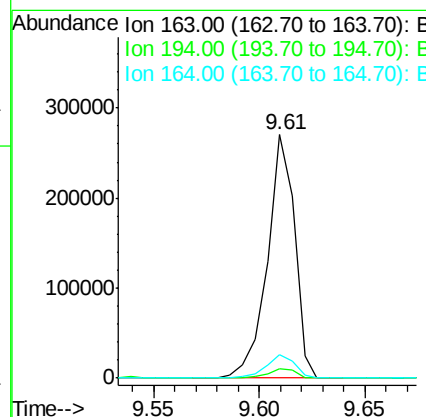
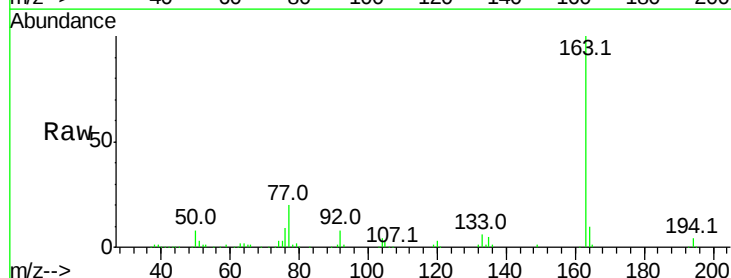
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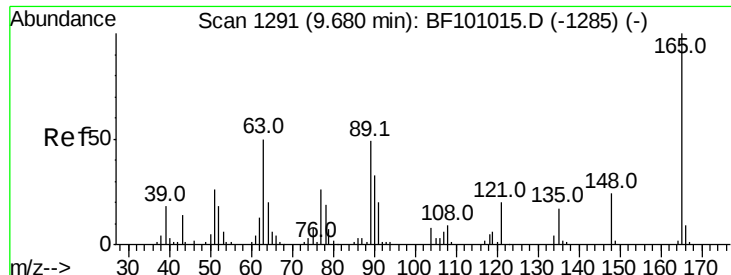
Sohil
12/1/2017 11:12:40 AM



#49
Dimethylphthalate
Concen: 30.414 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.7	4.1	
164	9.7	8.2	12.2	





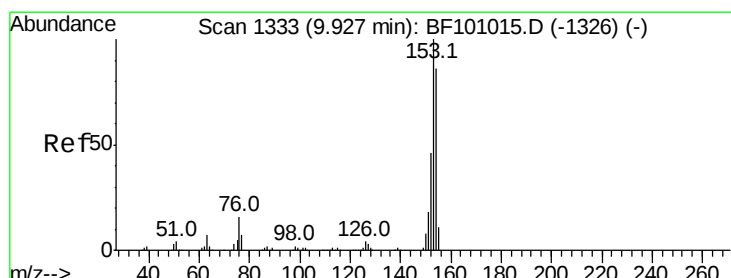
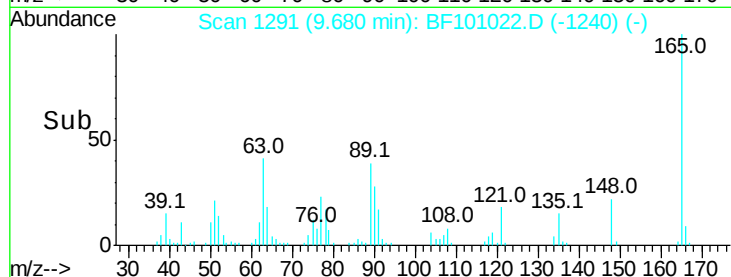
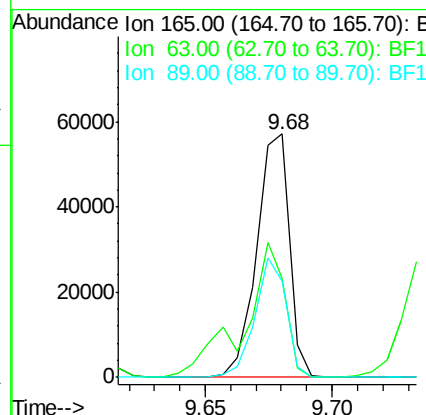
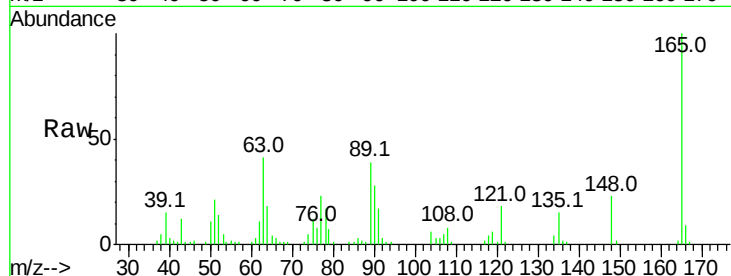
#50
2,6-Dinitrotoluene
Concen: 30.553 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	40.5	44.7	67.1#
89	39.5	44.0	66.0#

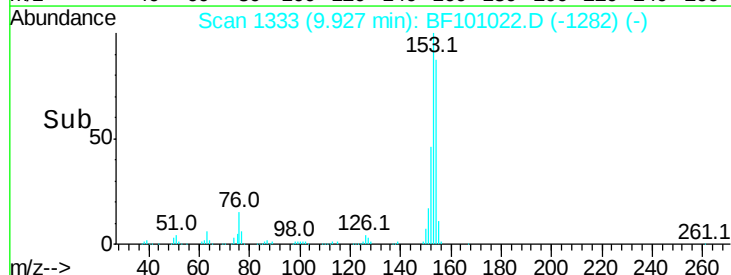
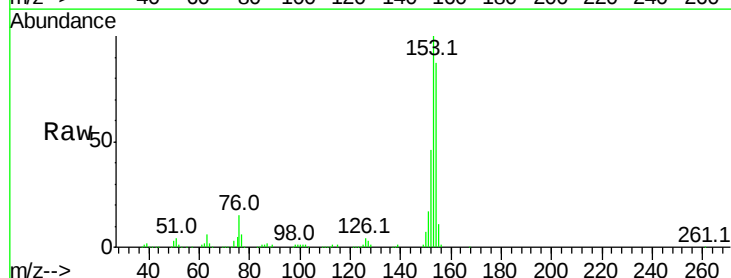
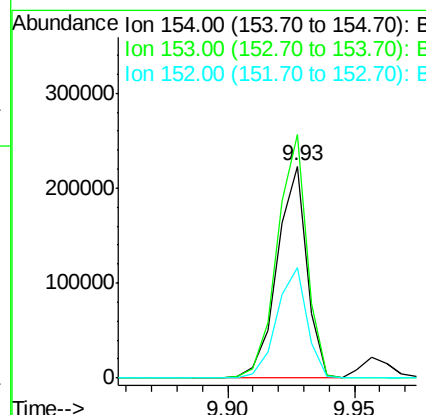
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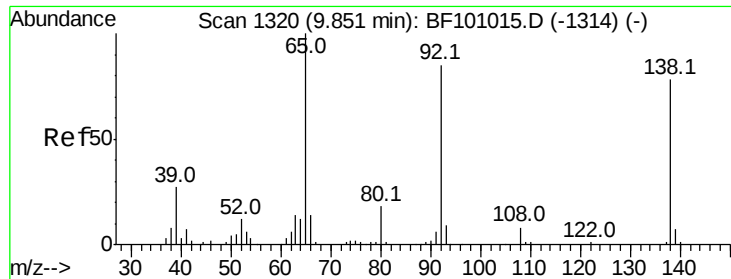
Sohil
12/1/2017 11:12:40 AM



#51
Acenaphthene
Concen: 28.987 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.8	91.2	136.8
152	52.3	43.8	65.8





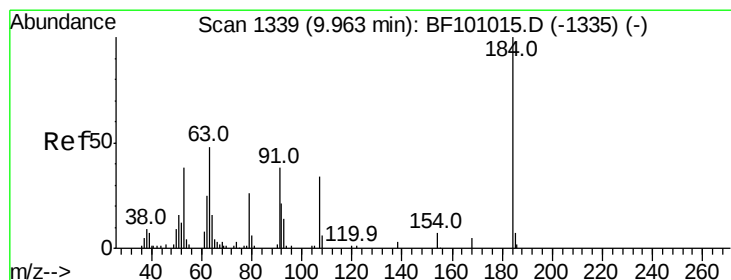
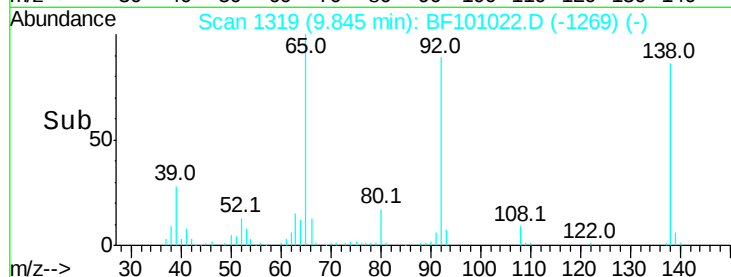
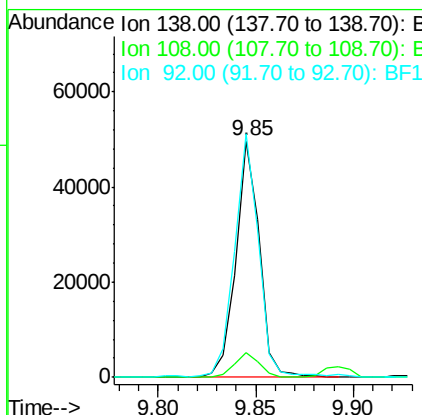
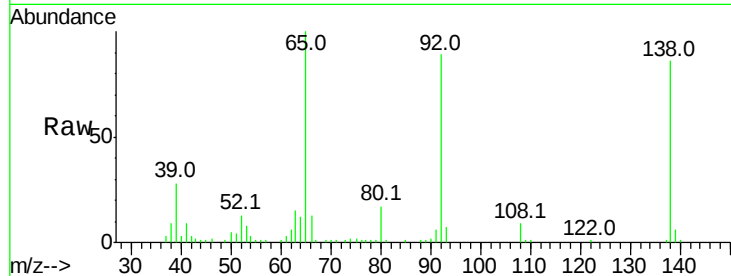
#52
3-Nitroaniline
Concen: 21.893 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	103.1	89.4	134.2

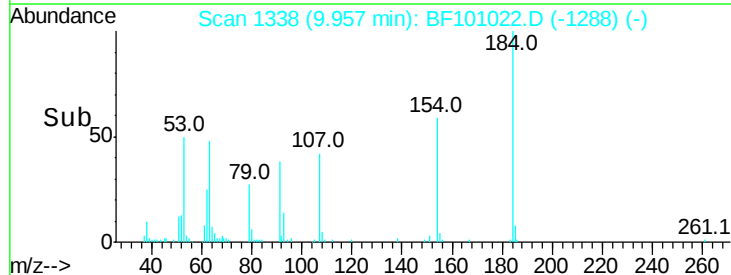
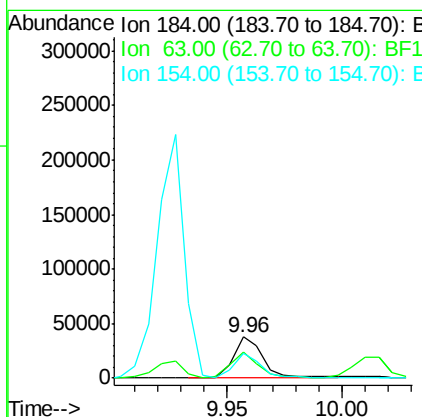
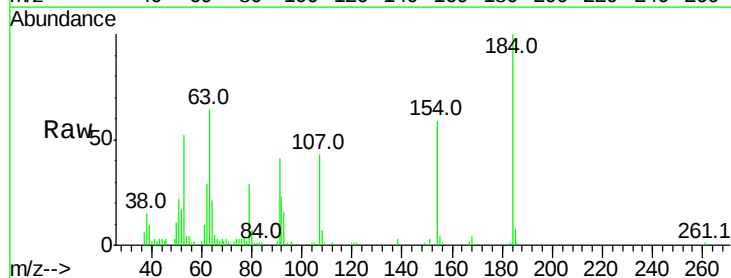
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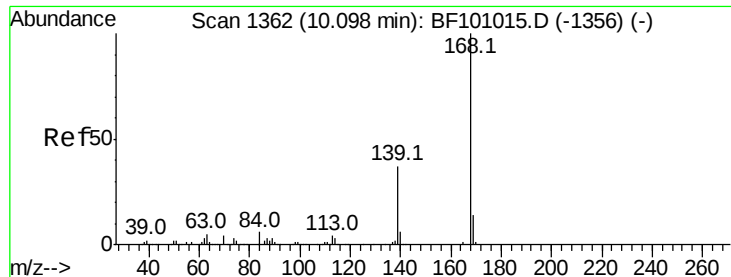
Sohil
12/1/2017 11:12:40 AM



#53
2,4-Dinitrophenol
Concen: 41.792 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	64.0	54.2	81.2
154	59.0	184.0	276.0#





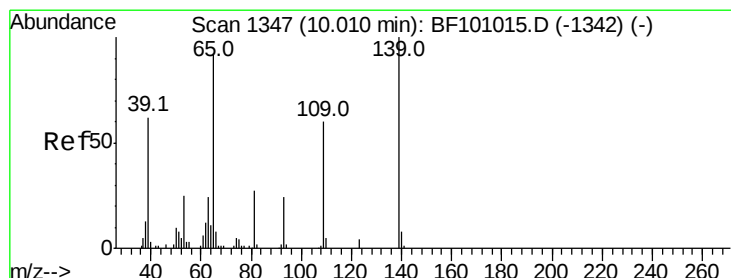
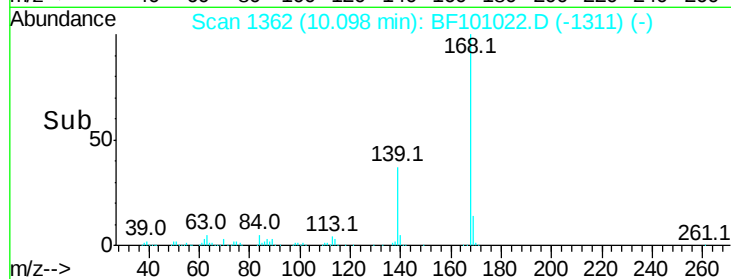
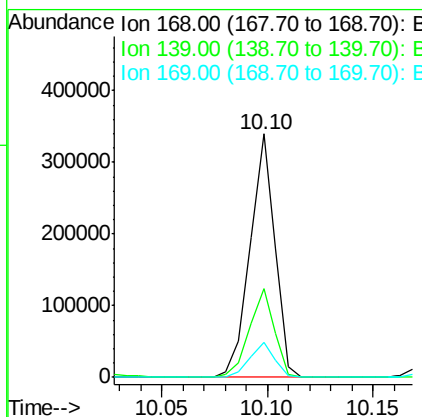
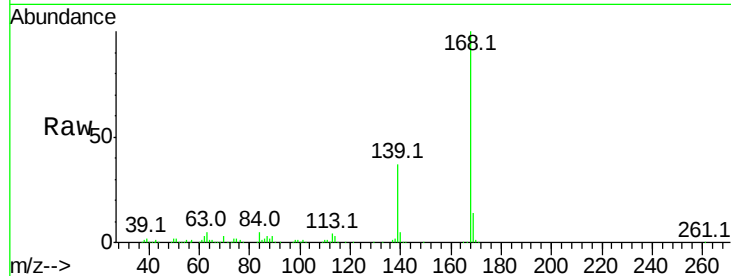
#54
Dibenzenofuran
Concen: 30.428 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.6	30.1	45.1
169	14.2	10.9	16.3

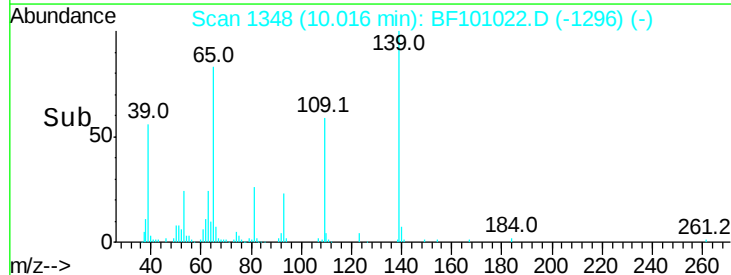
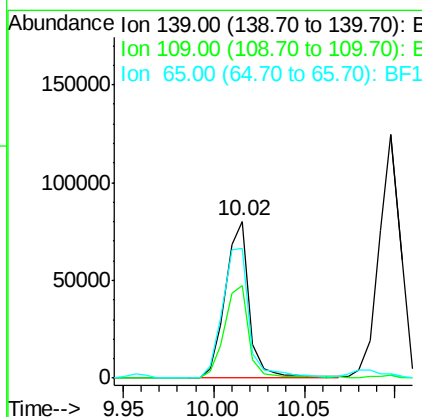
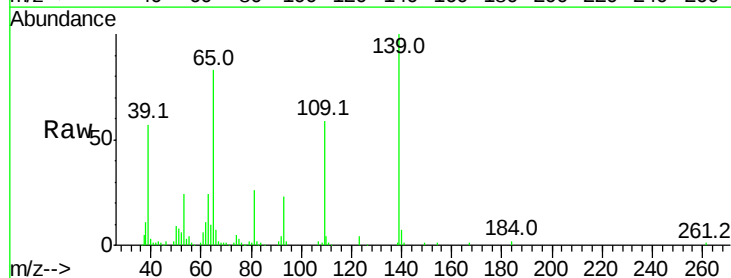
Manual Integrations
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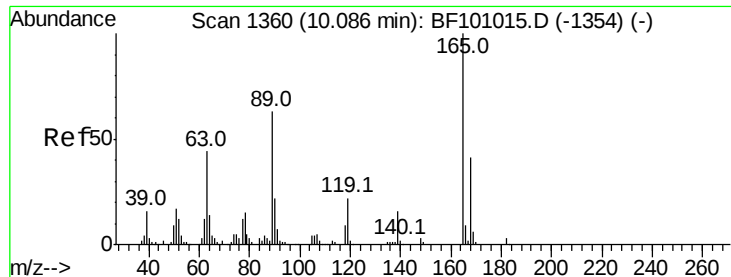
Sohil
12/1/2017 11:12:40 AM



#55
4-Nitrophenol
Concen: 58.227 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.3	48.4	88.4
65	83.0	72.6	112.6





#56

2,4-Dinitrotoluene

Concen: 31.032 ng

RT: 10.09 min Scan# 1360

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

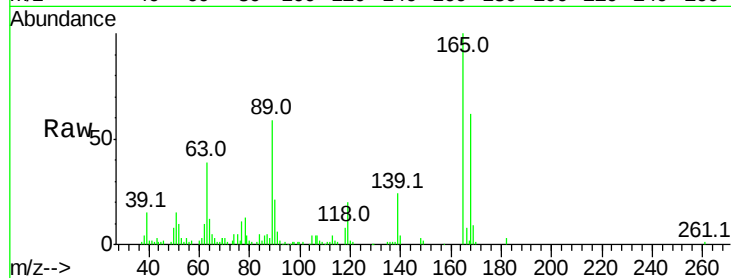
PB104614BS

Tot Ion:165 Resp: 70154
Ion Ratio Lower Upper

165	100		
63	39.1	36.4	54.6
89	59.4	57.8	86.6
182	2.5	1.6	2.4#

Manual Integrations
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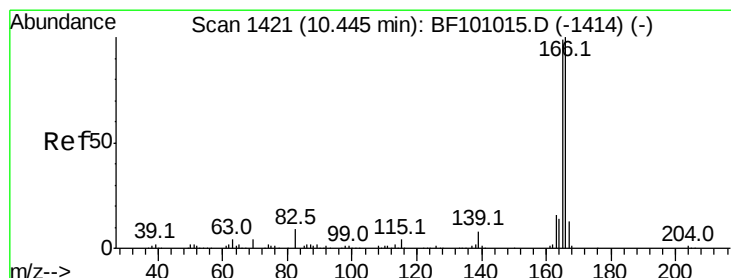
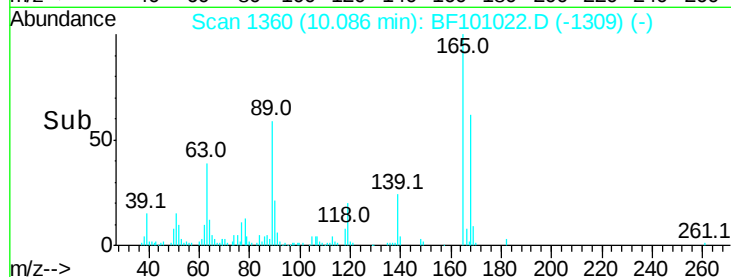
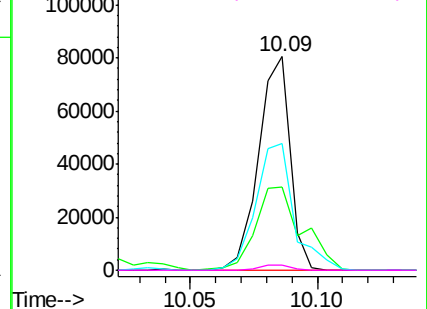


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 30.175 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

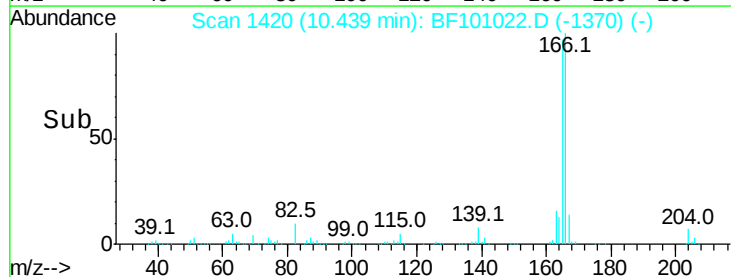
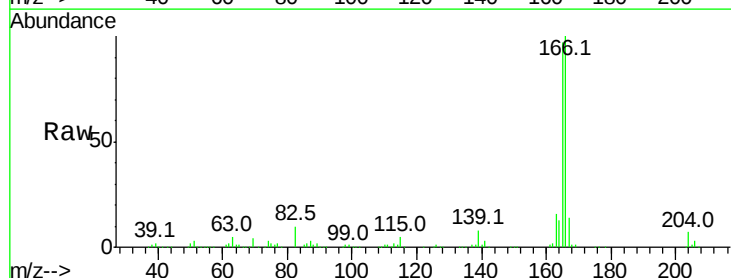
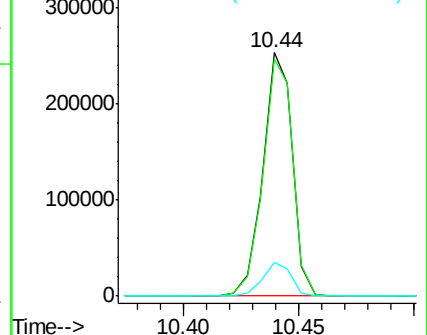
Tgt Ion:166 Resp: 224774
Ion Ratio Lower Upper

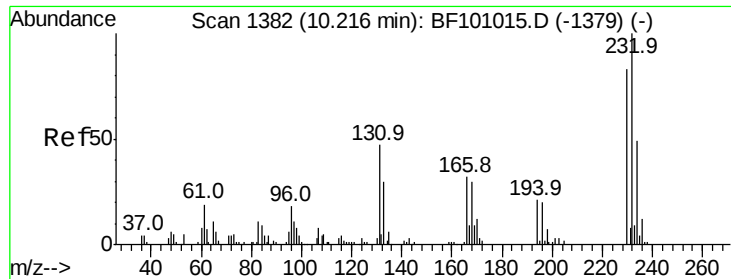
166	100		
165	97.4	79.8	119.8
167	13.6	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 32.098 ng

RT: 10.22 min Scan# 1382

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB104614BS

Tot Ion:232 Resp: 58106

Ion Ratio Lower Upper

232 100

131 41.3 43.8 65.8#

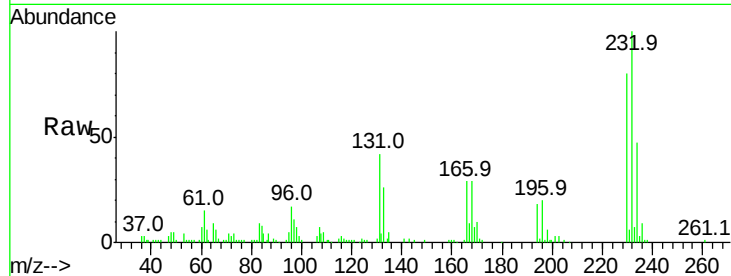
130 1.6 2.1 3.1#

166 28.8 27.8 41.6

Manual Integrations
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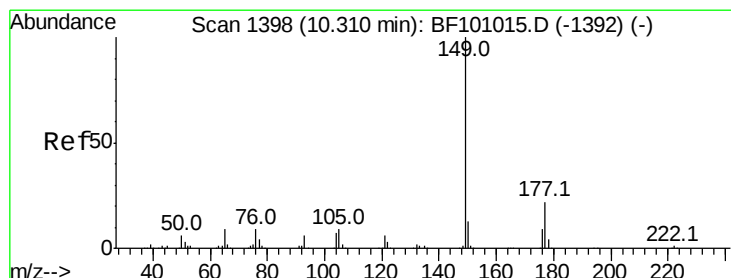
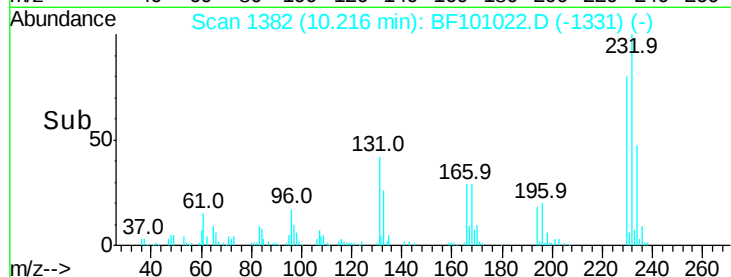
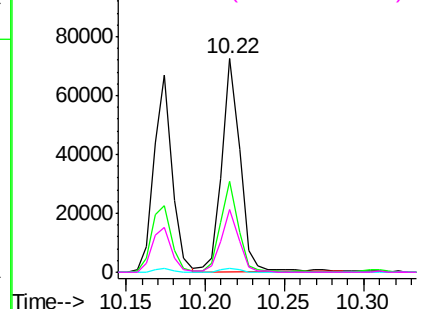


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#59

Diethylphthalate

Concen: 28.395 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

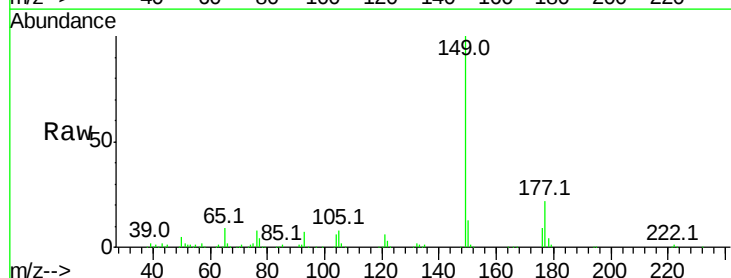
Tgt Ion:149 Resp: 224305

Ion Ratio Lower Upper

149 100

177 22.5 16.1 24.1

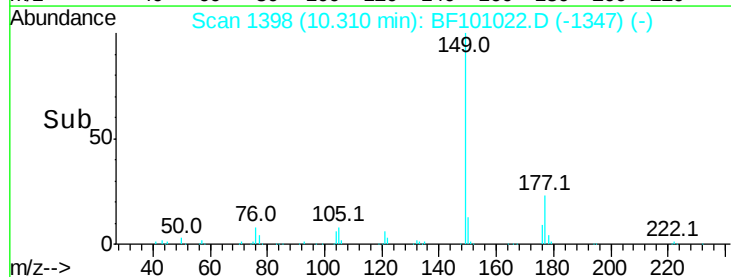
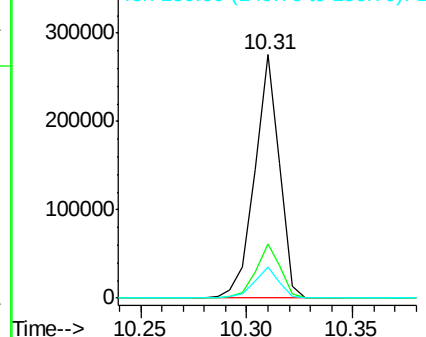
150 12.7 10.1 15.1

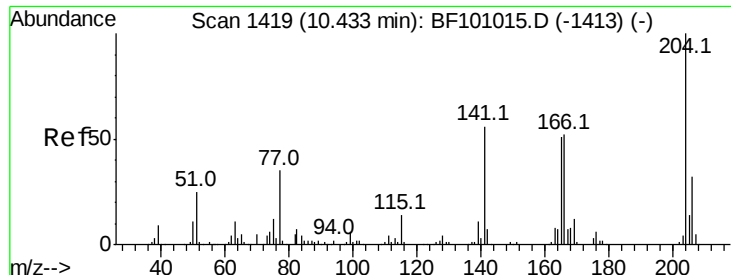


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





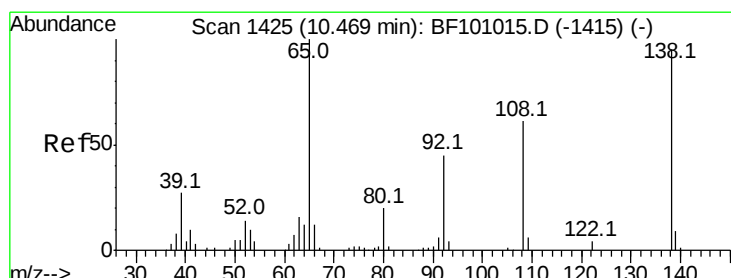
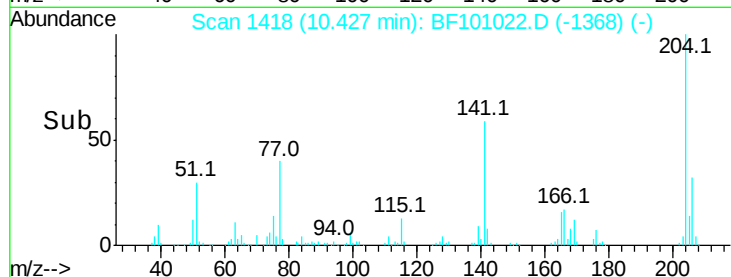
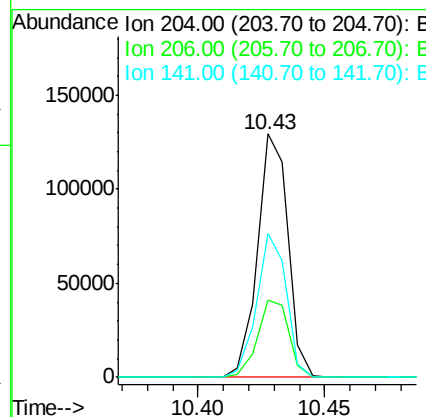
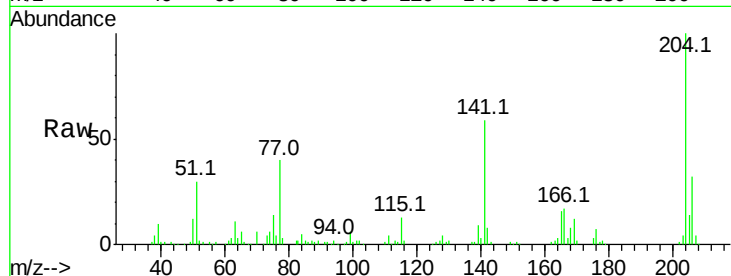
#60
4-Chlorophenyl-phenylether
Concen: 29.393 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.5	39.7
141	59.3	54.6	81.8

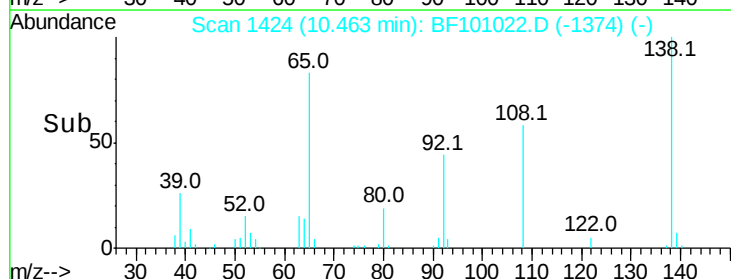
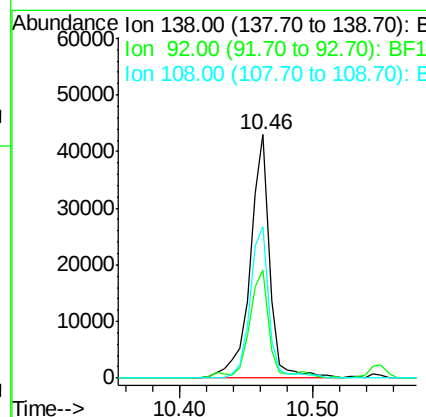
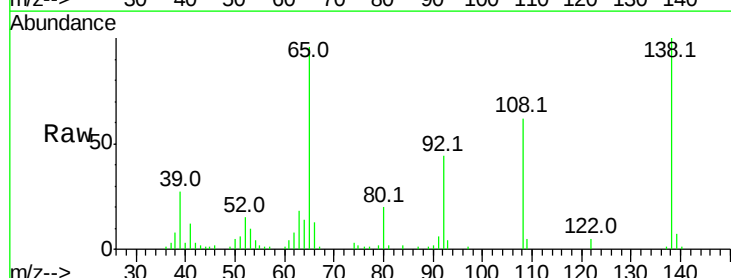
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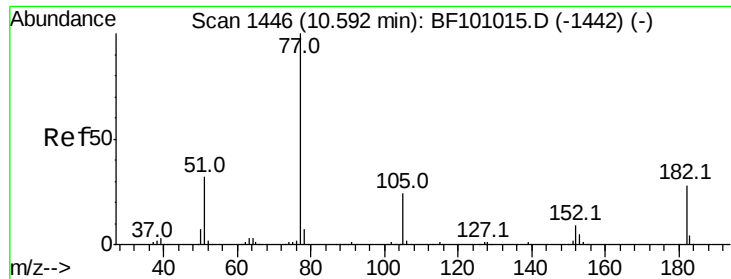
Sohil
12/1/2017 11:12:40 AM



#61
4-Nitroaniline
Concen: 21.888 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.5	30.2	70.2
108	62.1	52.5	92.5





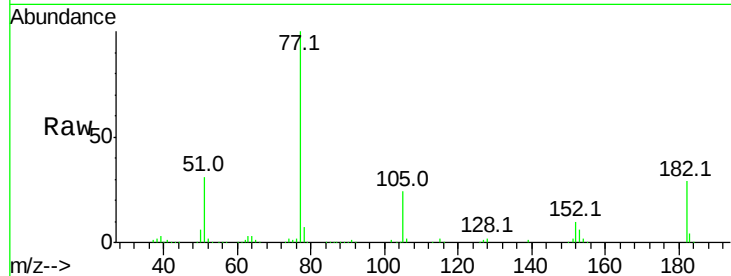
#62
Azobenzene
Concen: 29.485 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

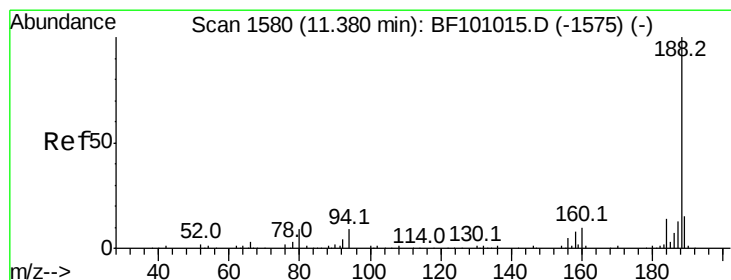
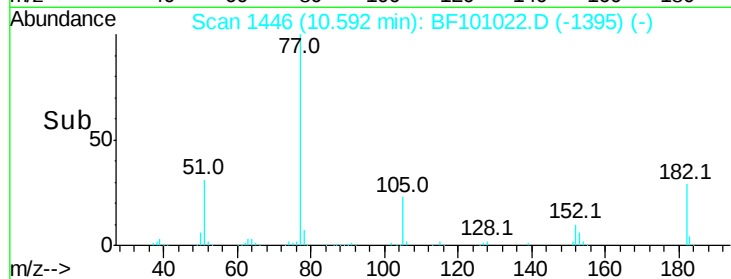
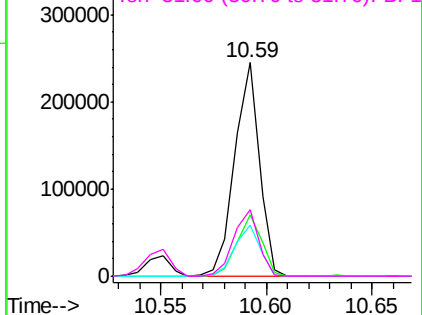
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.5	1.7	41.7
105	23.8	3.0	43.0
51	30.9	9.9	49.9

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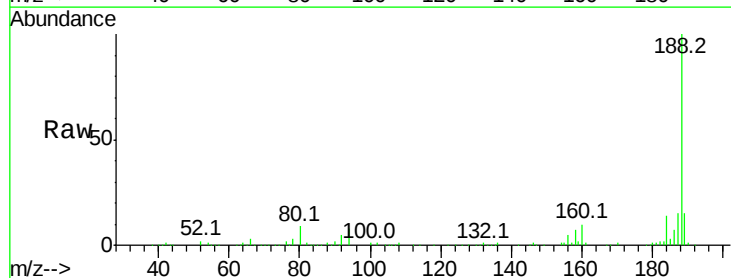


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

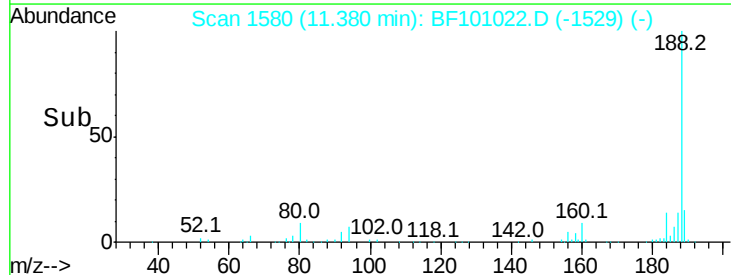
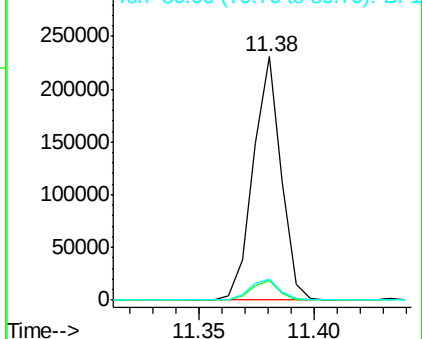


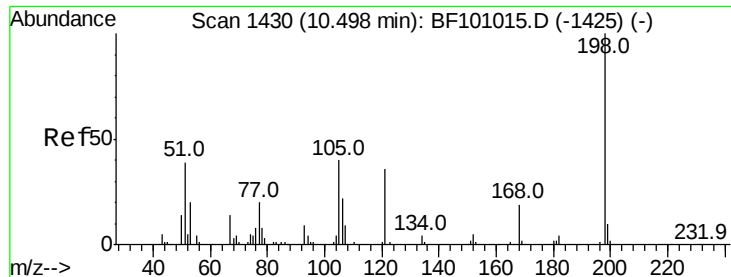
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.5	12.7#
80	8.8	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 21.743 ng

RT: 10.49 min Scan# 1429

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

ClientSampleId :

PB104614BS

Tot Ion:198 Resp: 28276

Ion Ratio Lower Upper

198 100

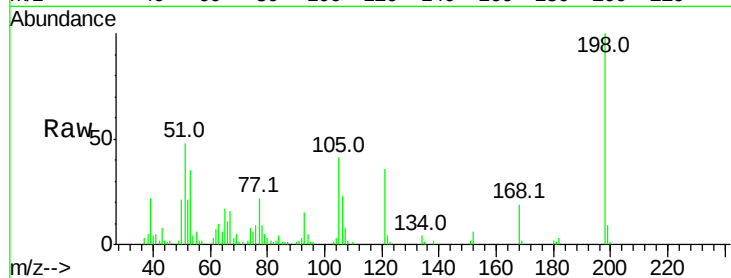
51 48.3 37.7 77.7

105 40.6 36.3 76.3

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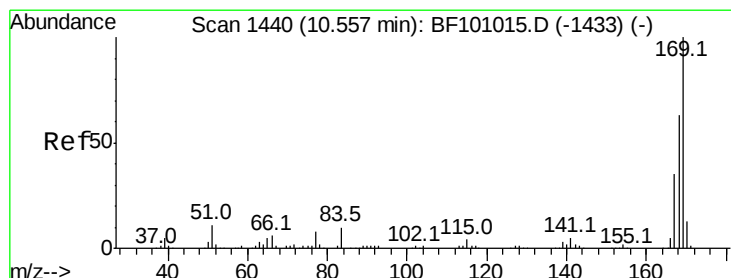
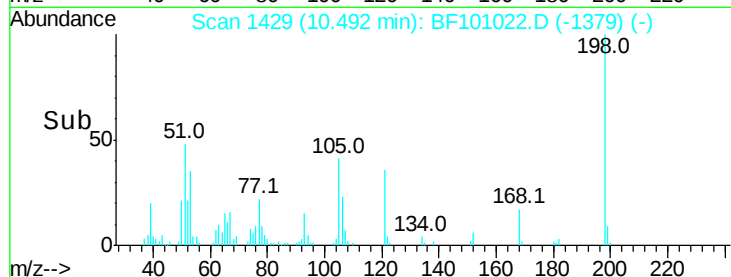
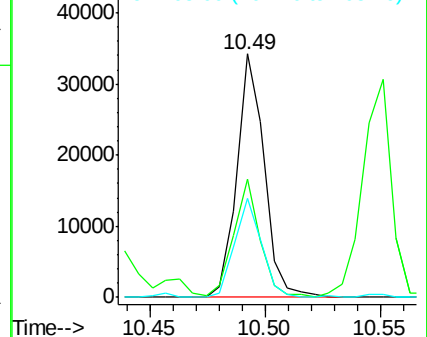
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 29.389 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

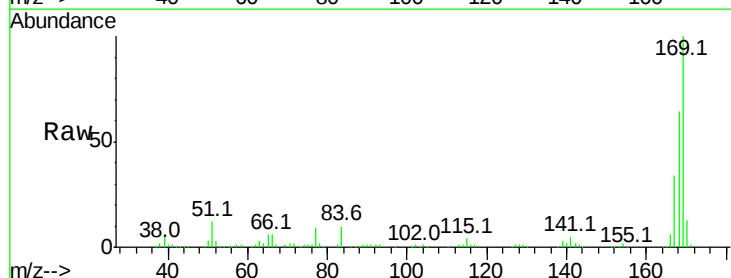
Tgt Ion:169 Resp: 201027

Ion Ratio Lower Upper

169 100

168 64.2 54.4 81.6

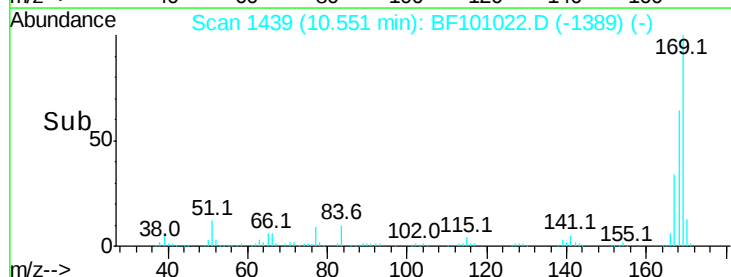
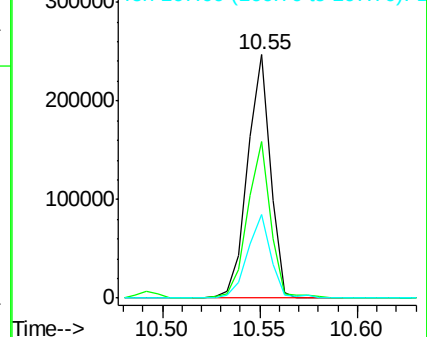
167 34.1 29.8 44.6

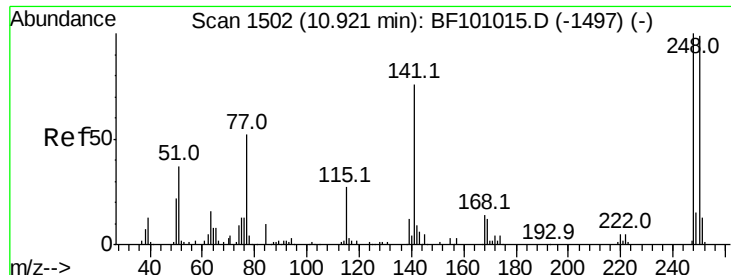


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#66

4-Bromophenyl-phenylether

Concen: 31.505 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

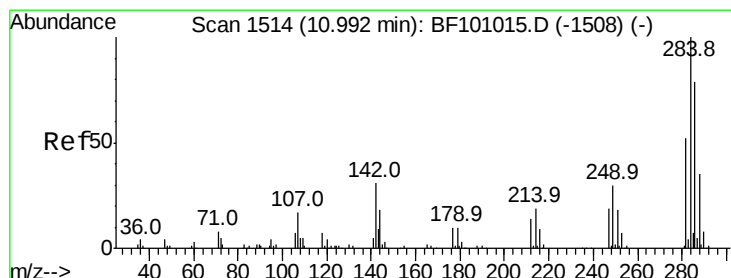
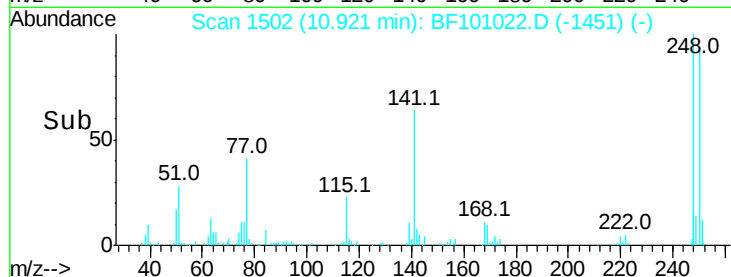
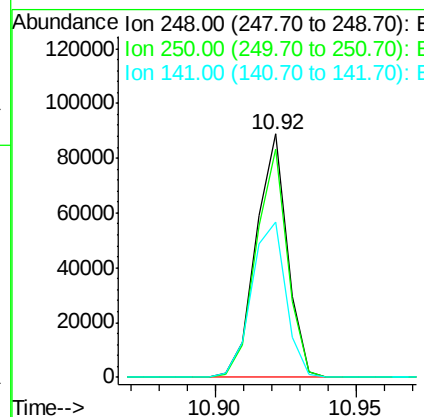
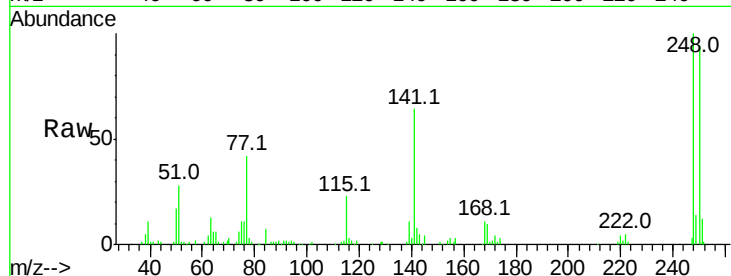
ClientSampleId :

PB104614BS

Tot Ion:	248	Resp:	68374
Ion Ratio	Lower	Upper	
248	100		
250	93.7	76.9	115.3
141	64.0	74.4	111.6#

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#67

Hexachlorobenzene

Concen: 30.631 ng

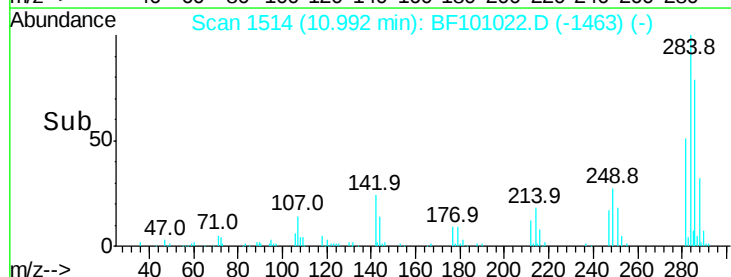
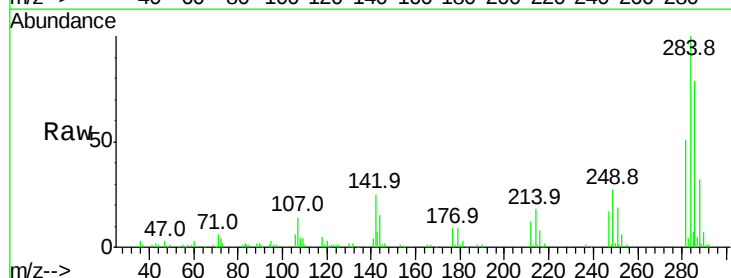
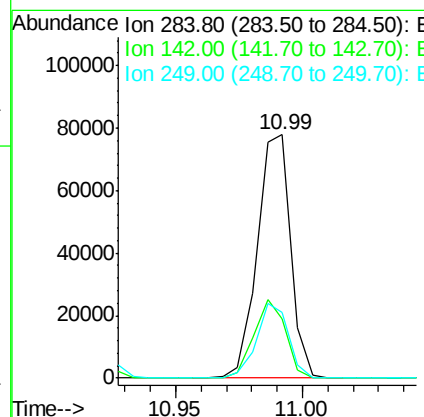
RT: 10.99 min Scan# 1514

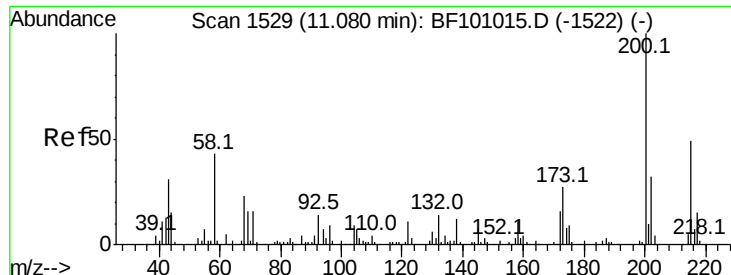
Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:	284	Resp:	71247
Ion Ratio	Lower	Upper	
284	100		
142	24.6	34.6	52.0#
249	27.2	24.8	37.2





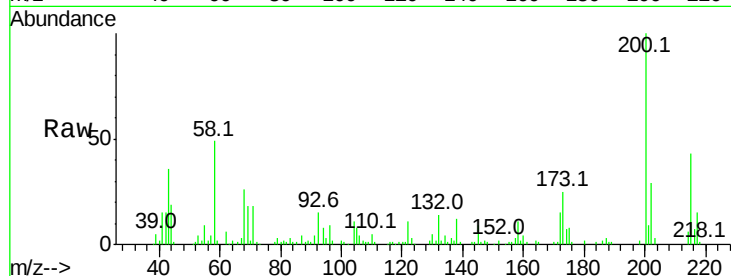
#68
Atrazine
Concen: 30.703 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

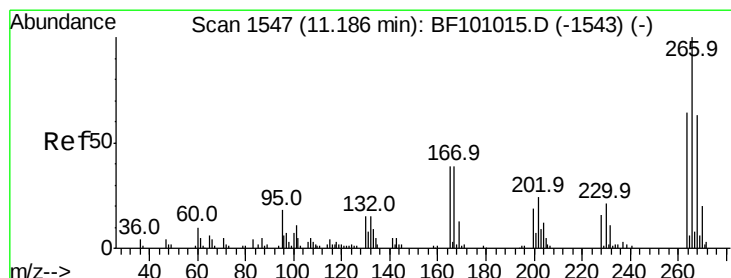
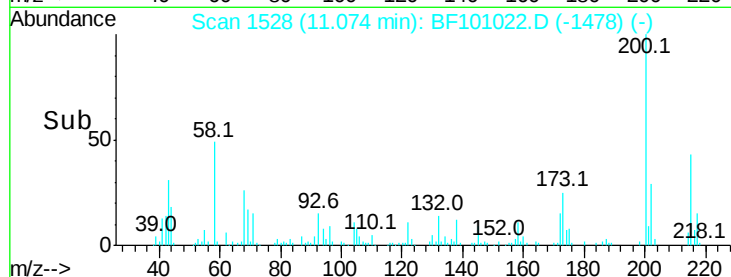
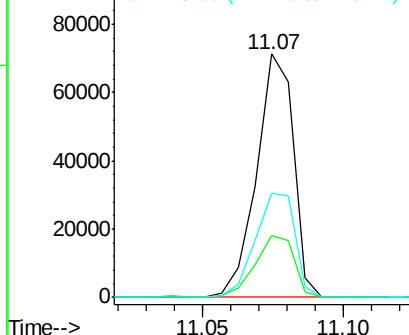
Tot Ion	Ratio	Lower	Upper
200	100		
173	25.2	8.6	48.6
215	42.9	25.1	65.1

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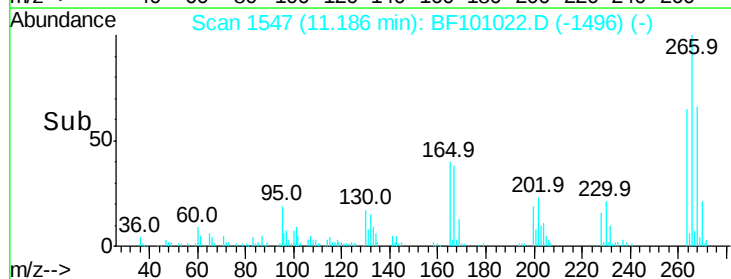
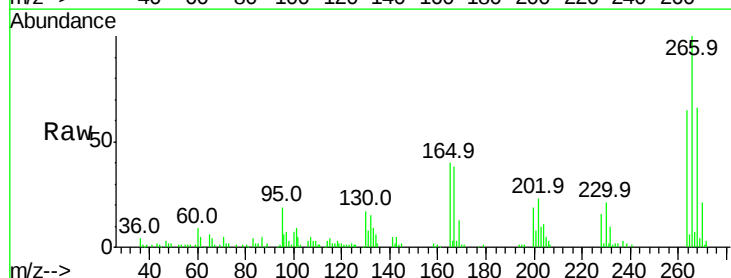
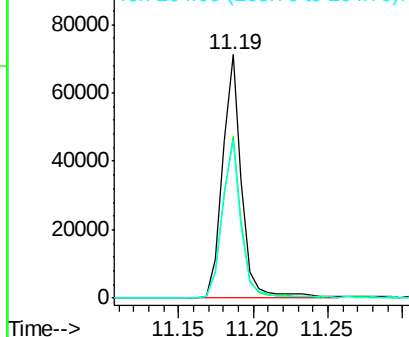
Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

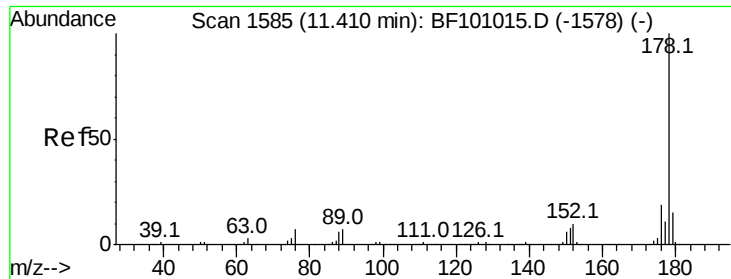


#69
Pentachlorophenol
Concen: 50.394 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.3	51.1	76.7
264	64.9	49.5	74.3

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





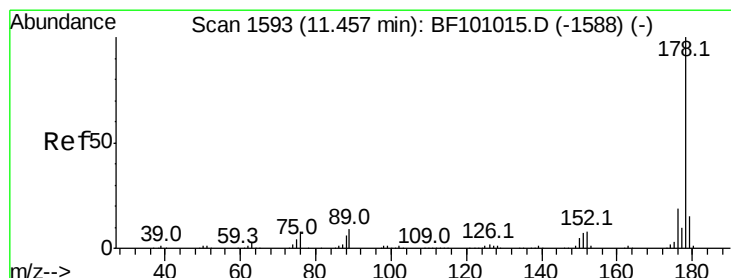
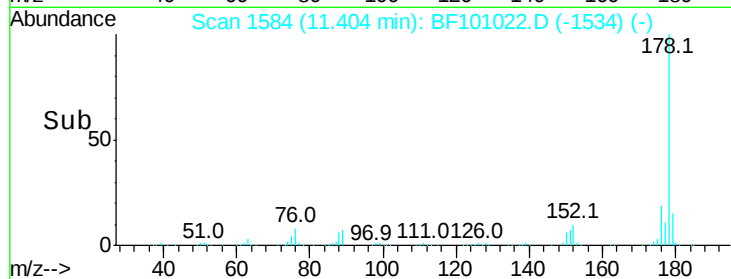
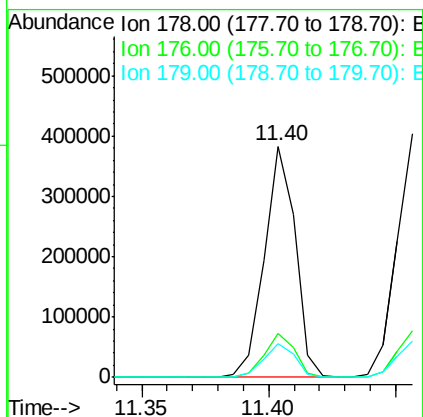
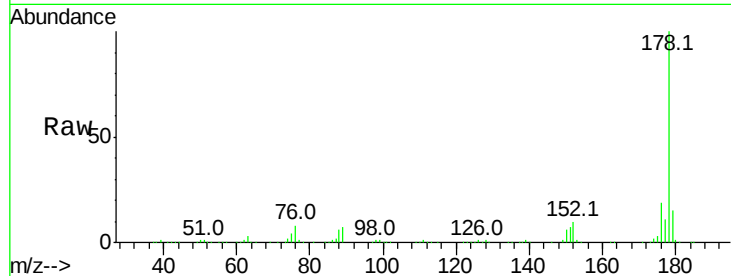
#70
Phenanthrene
Concen: 30.649 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	14.7	13.0	19.6

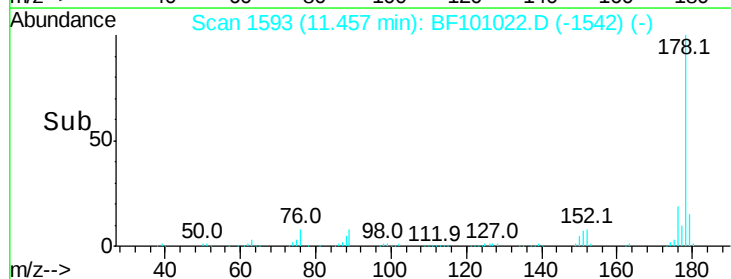
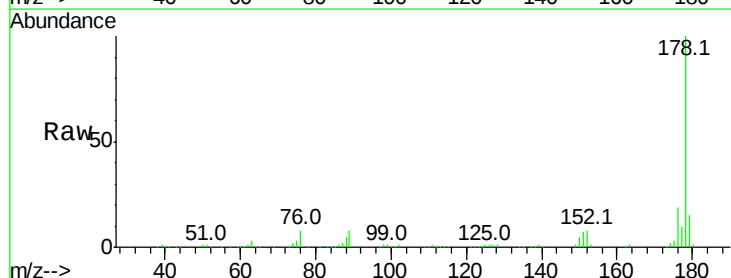
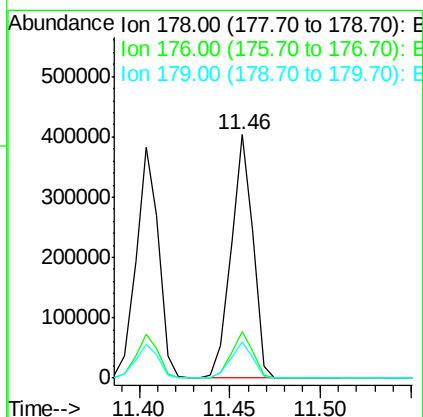
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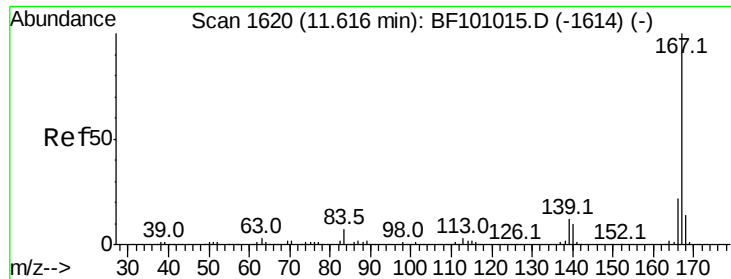
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#71
Anthracene
Concen: 31.377 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.00 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	14.9	12.6	19.0





#72

Carbazole

Concen: 28.285 ng

RT: 11.61 min Scan# 1619

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

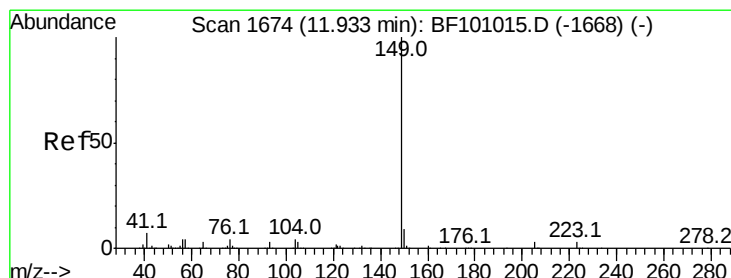
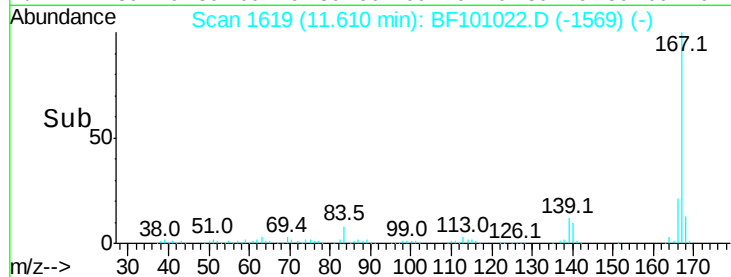
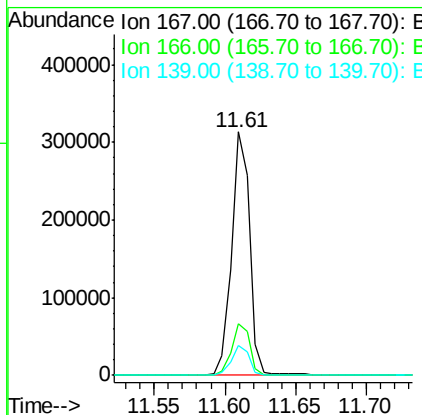
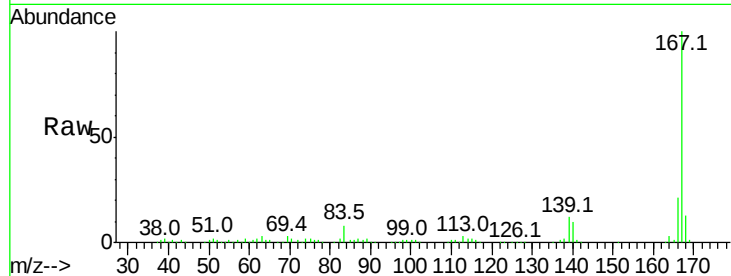
ClientSampleId :

PB104614BS

Tot Ion:	167	Resp:	279273
Ion Ratio	Lower	Upper	
167	100		
166	21.1	17.6	26.4
139	12.4	10.9	16.3

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#73

Di-n-butylphthalate

Concen: 28.439 ng

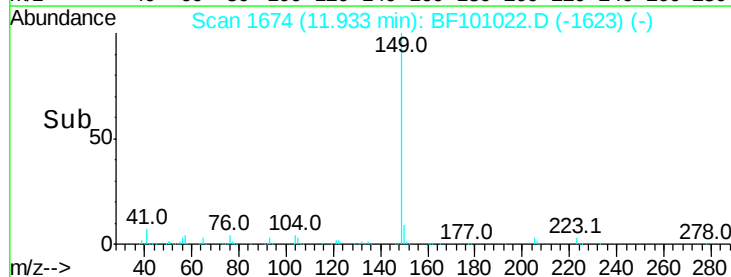
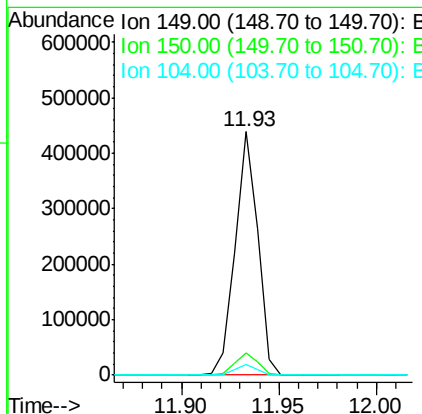
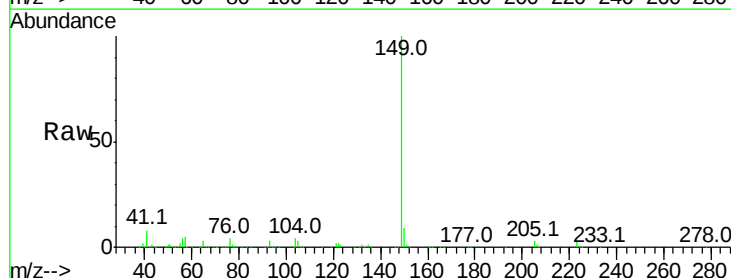
RT: 11.93 min Scan# 1674

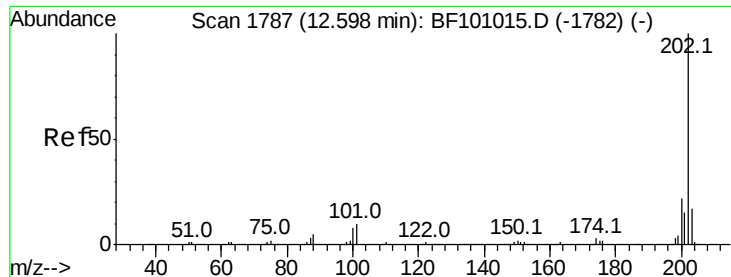
Delta R.T. -0.00 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:	149	Resp:	351946
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.2	3.8	5.8





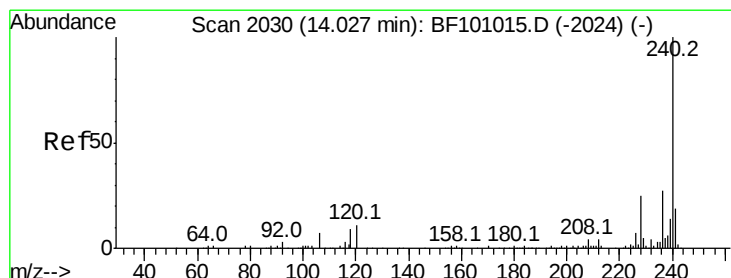
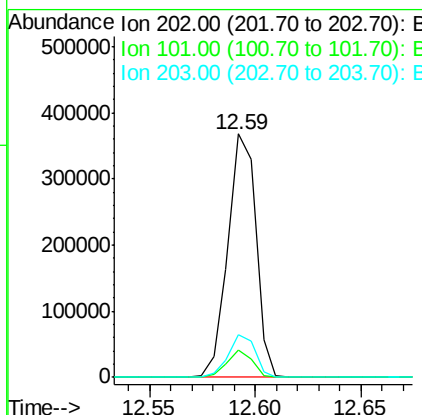
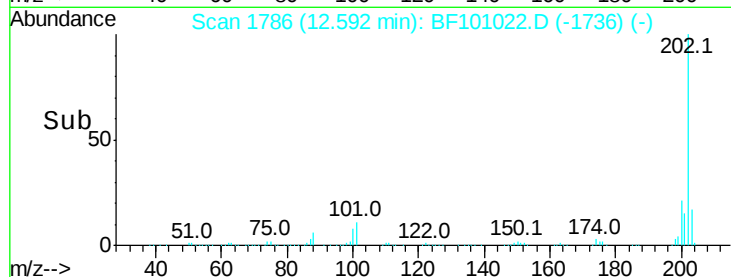
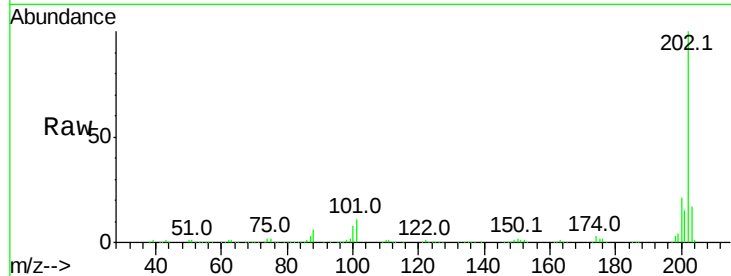
#74
 Fluoranthene
 Concen: 28.530 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	34.1
203	17.3	0.0	38.1

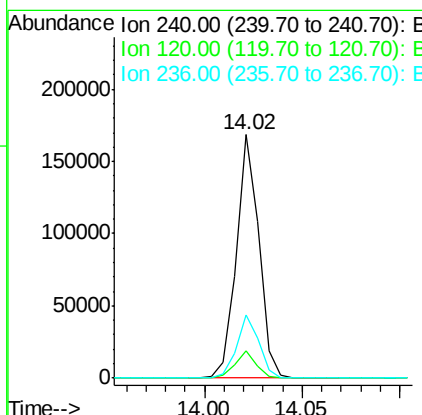
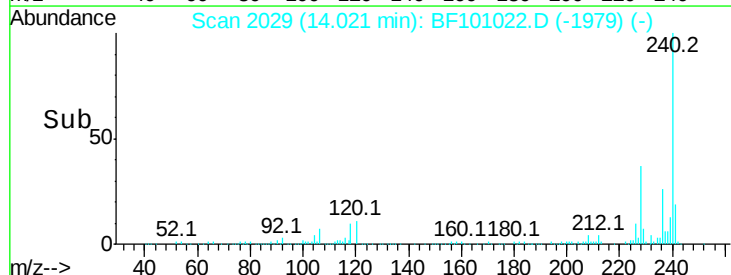
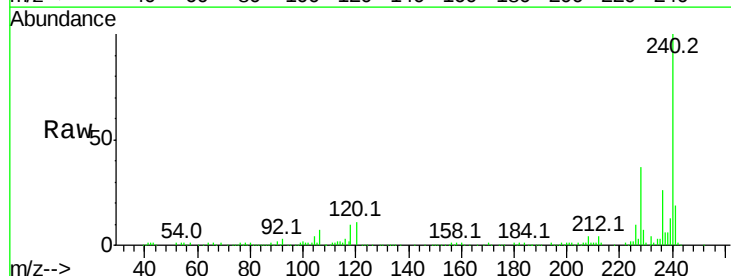
Manual Integrations
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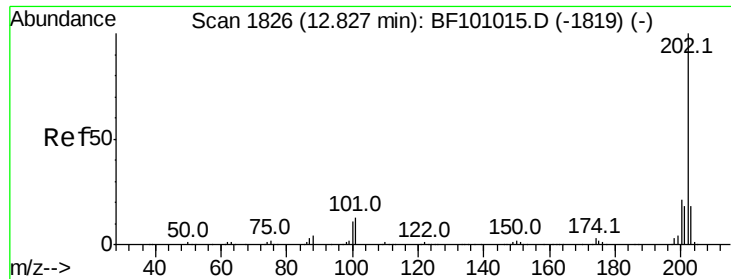
Sohil
 12/1/2017 11:12:40 AM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.0	9.5	14.3
236	25.9	20.7	31.1





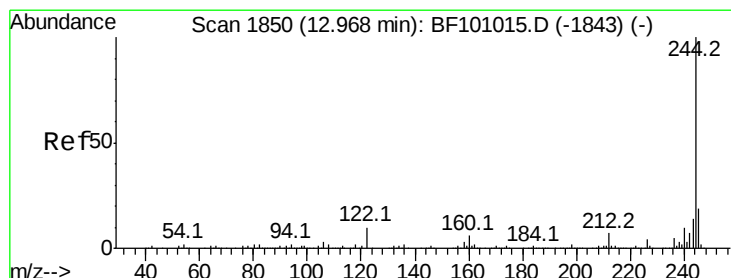
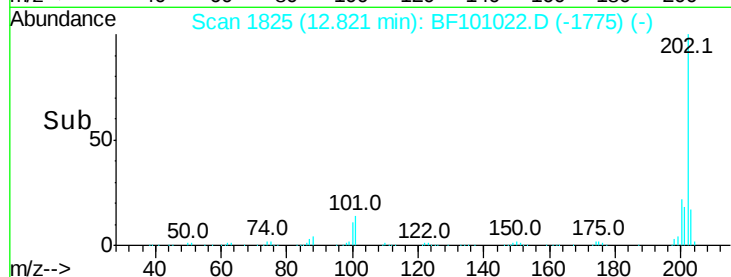
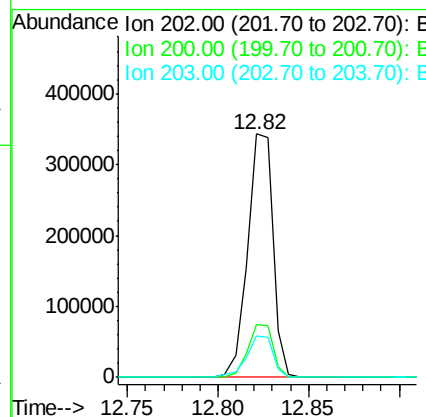
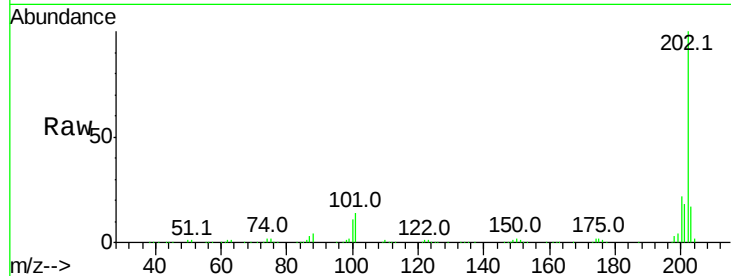
#77
Pvrene
Concen: 35.821 ng
RT: 12.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.0	14.3	21.5

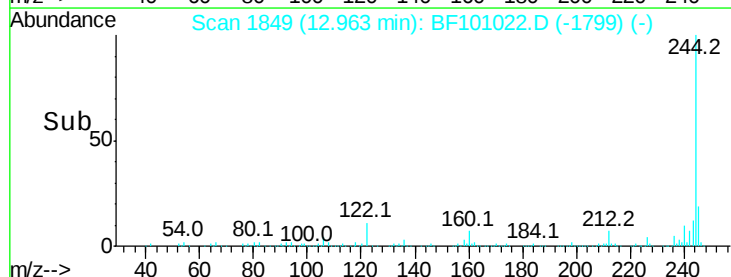
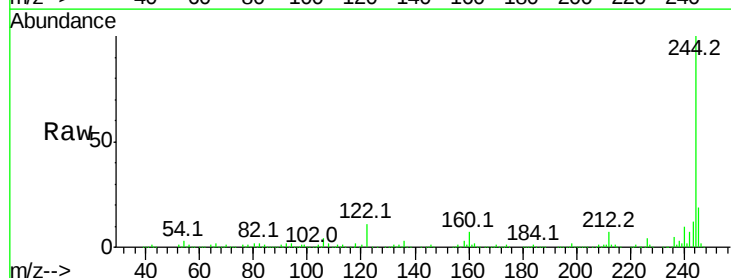
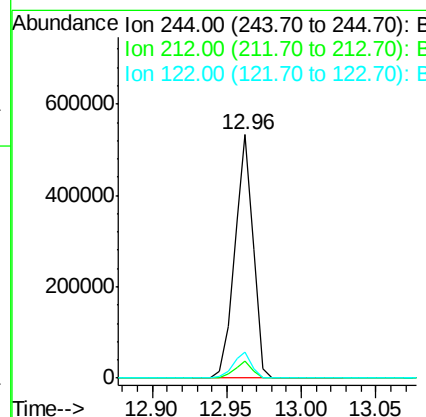
Manual Integrations
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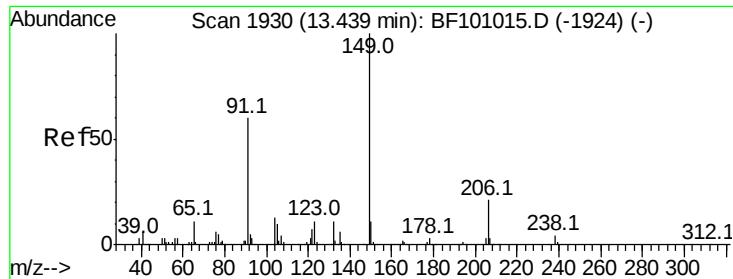
Sohil
12/1/2017 11:12:40 AM



#78
Terphenyl-d14
Concen: 75.440 ng
RT: 12.96 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	10.7	11.0	16.4#





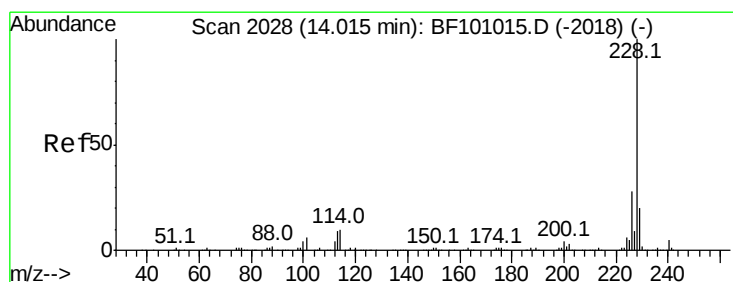
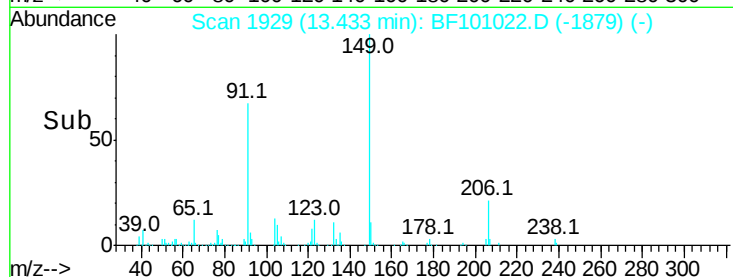
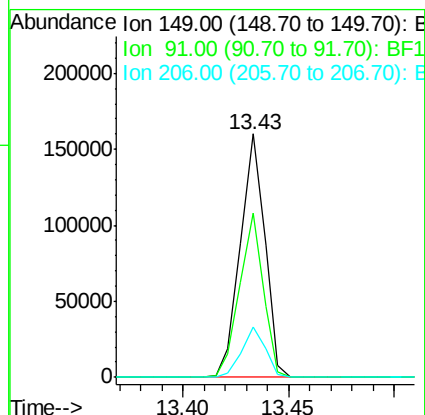
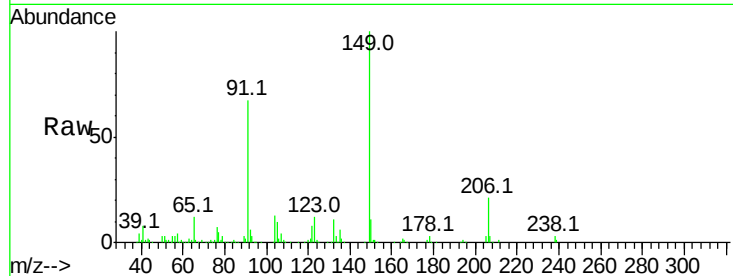
#79
Butylbenzylphthalate
Concen: 31.389 ng
RT: 13.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.8	85.2
206	20.7	14.1	21.1

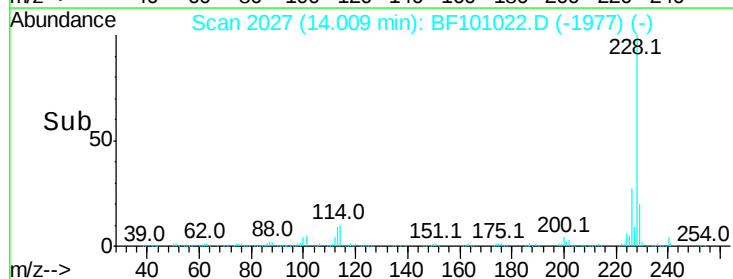
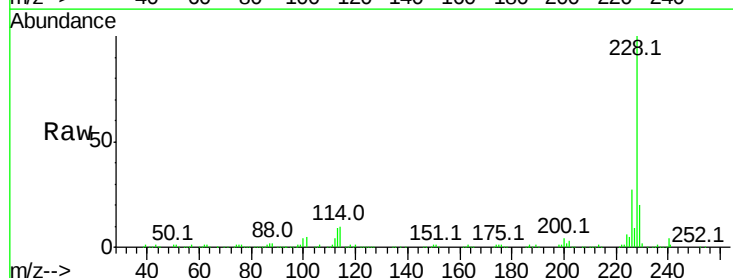
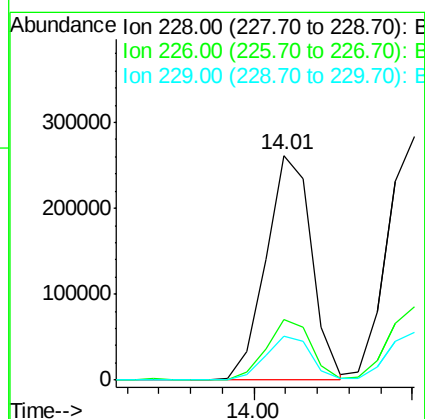
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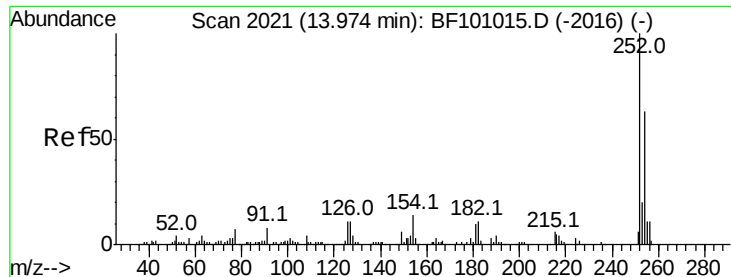
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#80
Benzo(a)anthracene
Concen: 30.748 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.6	33.8
229	19.5	15.8	23.6





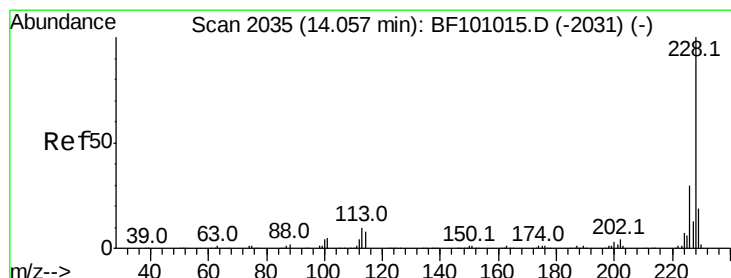
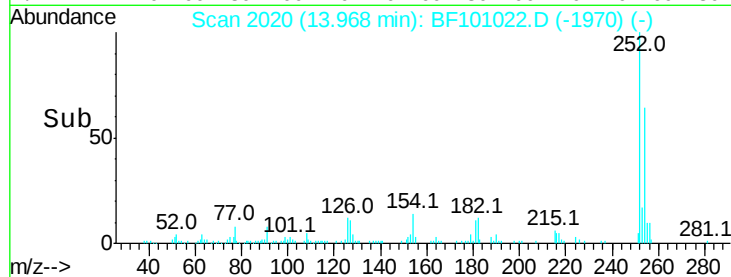
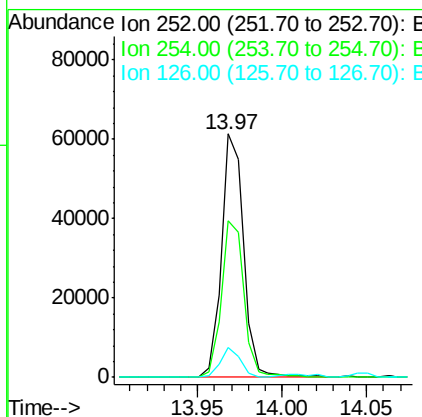
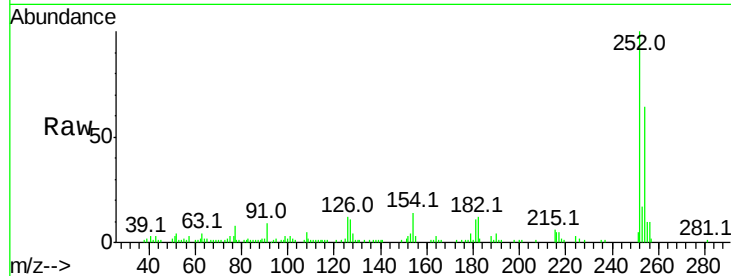
#81
 3,3'-Dichlorobenzidine
 Concen: 18.979 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.1	50.4	75.6
126	12.1	11.3	16.9

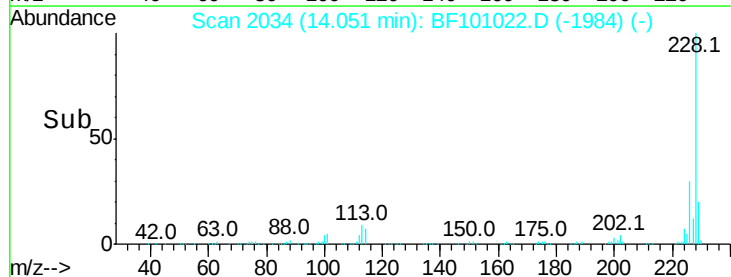
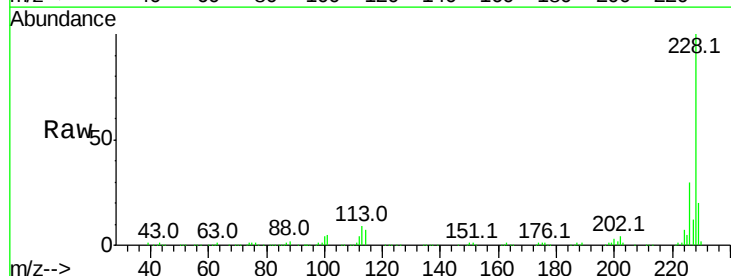
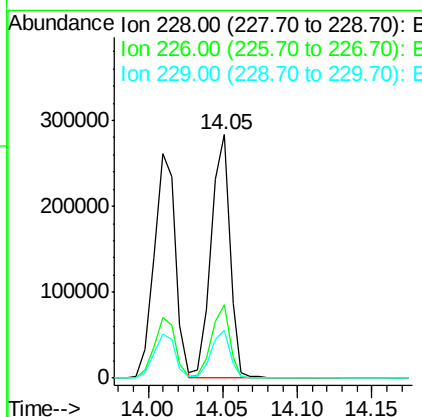
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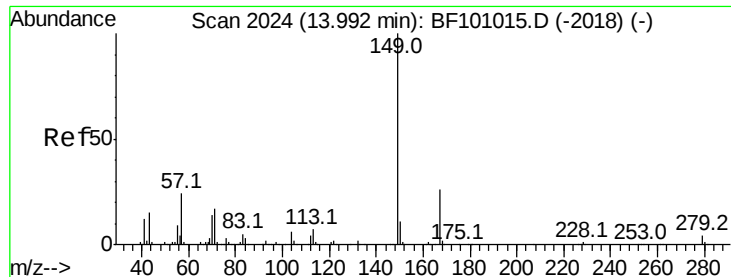
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#82
 Chrysene
 Concen: 31.457 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	19.6	16.2	24.4





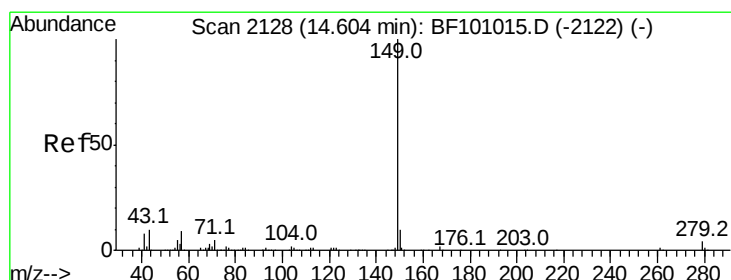
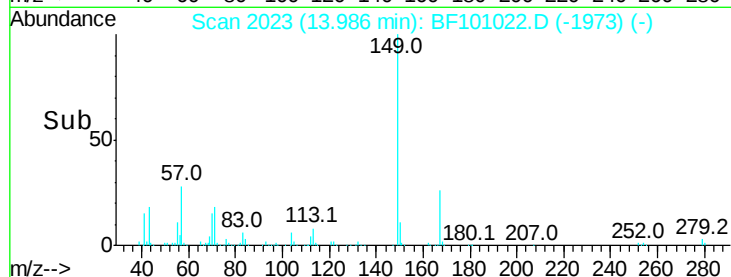
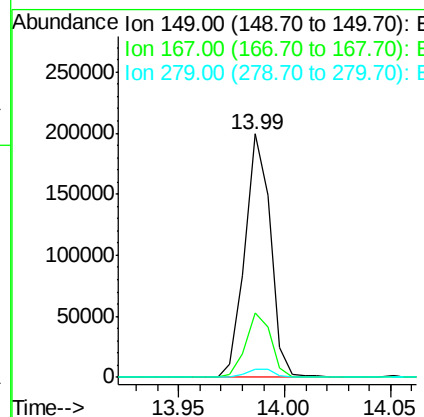
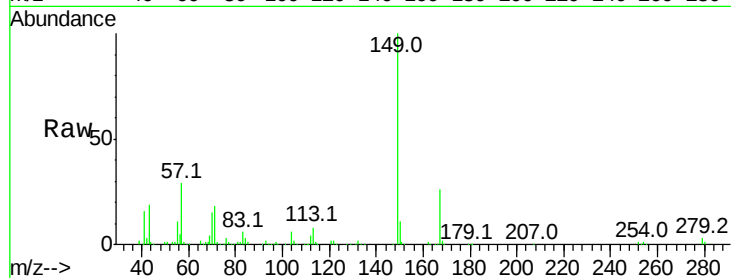
#83
Bis(2-ethylhexyl)phthalate
Concen: 28.599 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.3	3.0	4.4

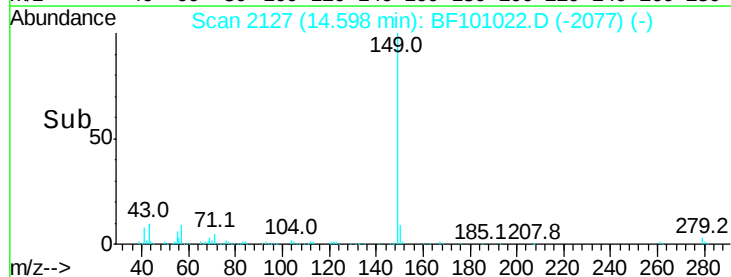
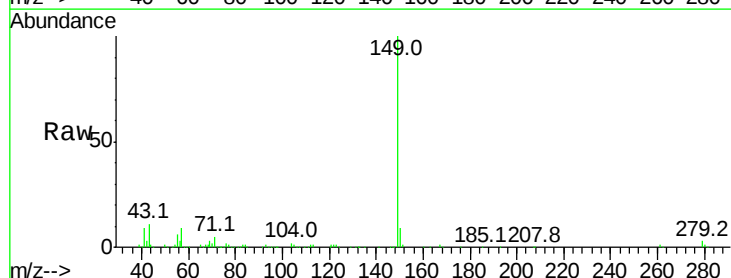
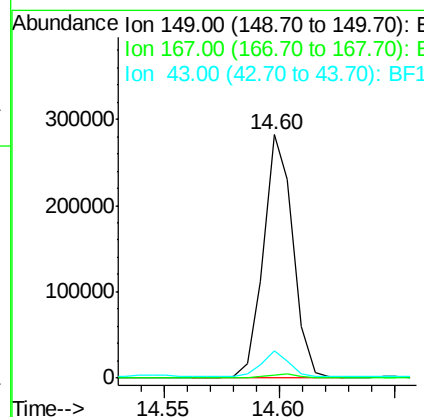
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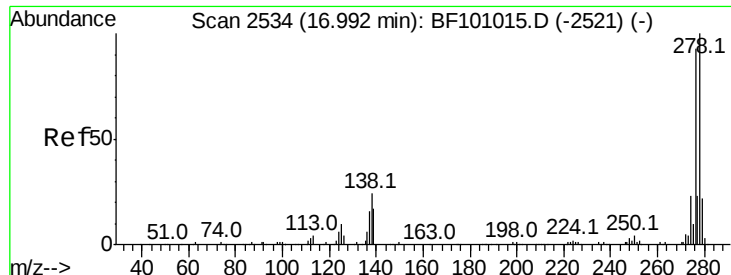
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#84
Di-n-octyl phthalate
Concen: 25.793 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	9.9	8.4	12.6





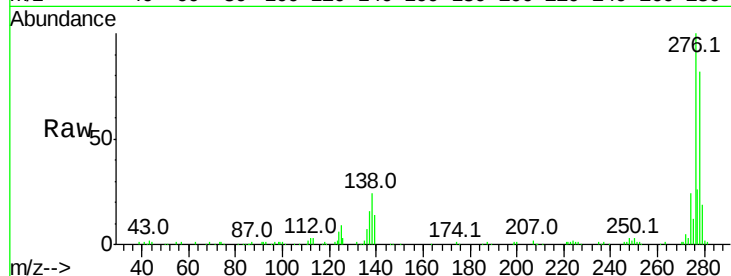
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.005 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

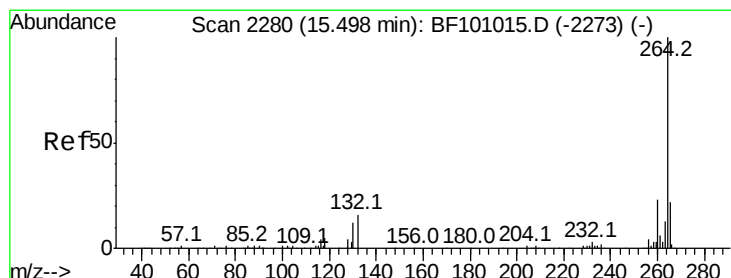
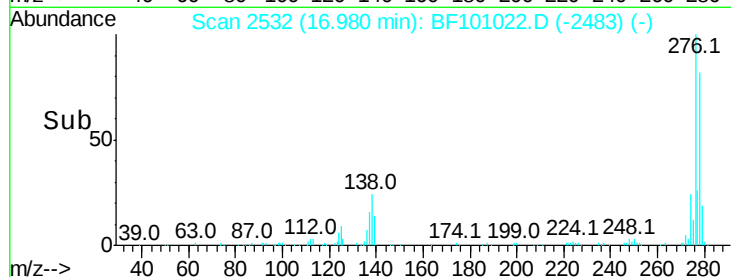
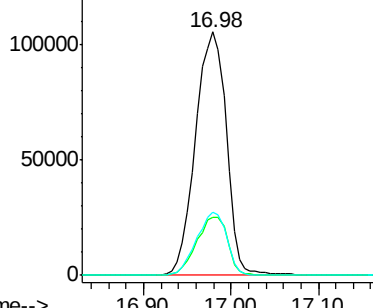
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	25.3	20.1	30.1

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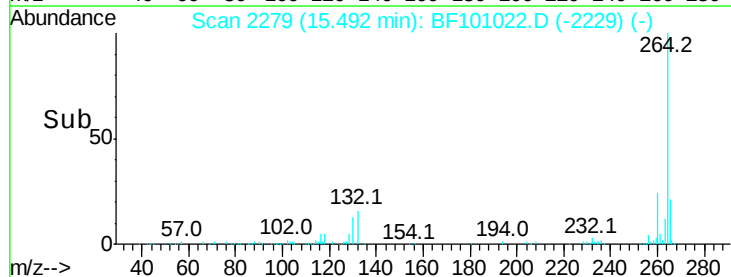
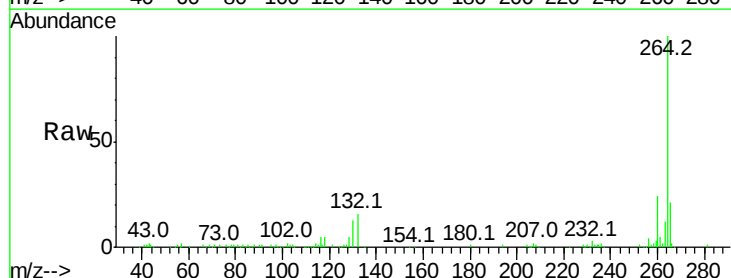
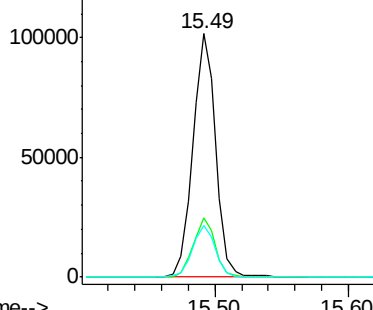
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

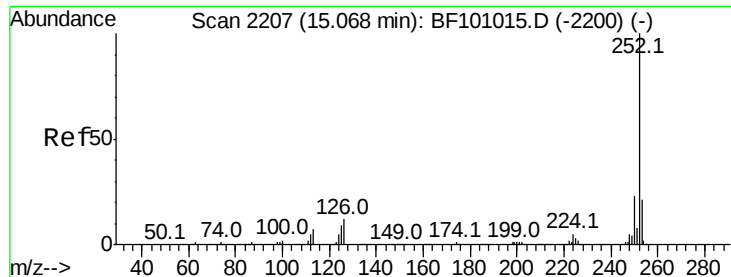


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.0	17.5	26.3

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





#87

Benzo(b)fluoranthene

Concen: 29.807 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Instrument :

BNA_F

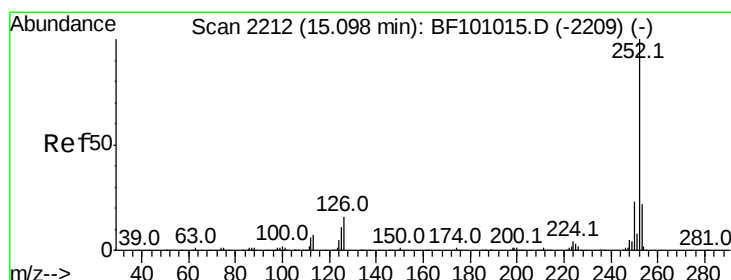
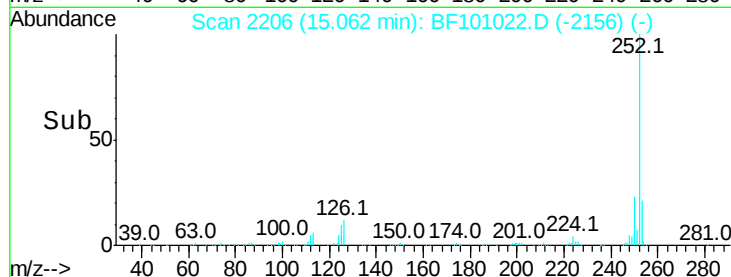
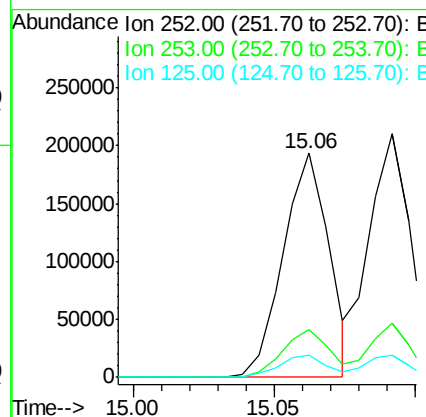
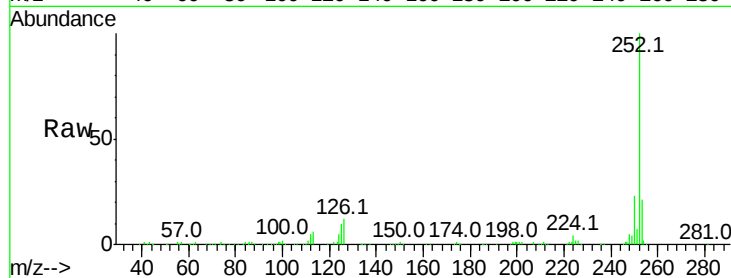
ClientSampleId :

PB104614BS

Tot Ion:252	Resp:	217766
Ion Ratio	Lower	Upper
252	100	
253	21.1	17.0 25.6
125	9.8	9.0 13.6

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#88

Benzo(k)fluoranthene

Concen: 30.285 ng

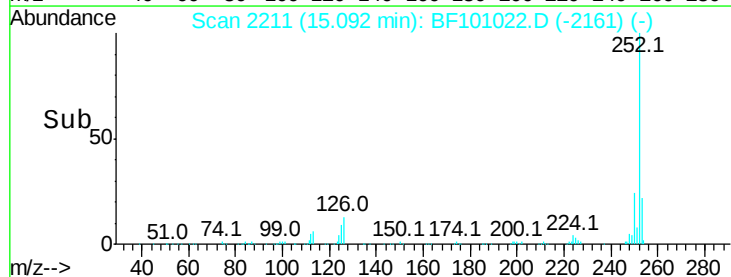
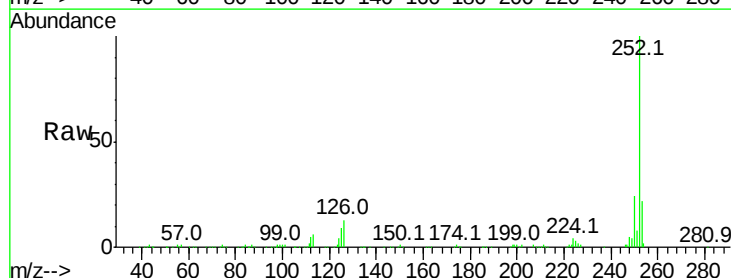
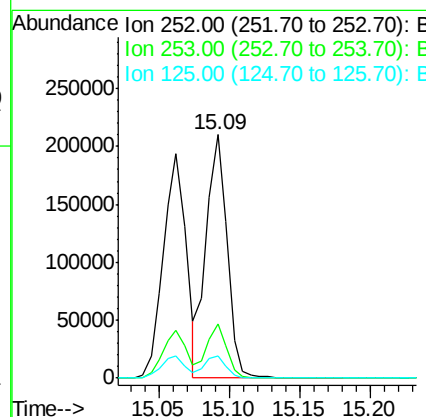
RT: 15.09 min Scan# 2211

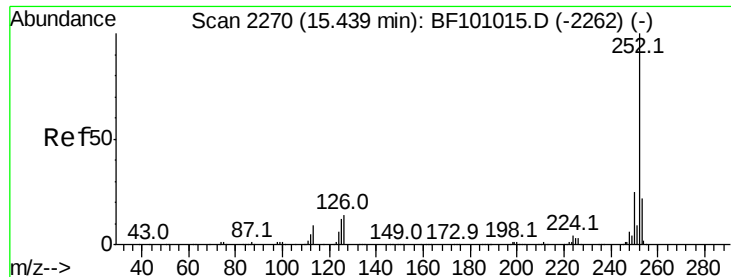
Delta R.T. -0.01 min

Lab File: BF101022.D

Acq: 30 Nov 2017 17:30

Tgt Ion:252	Resp:	217991
Ion Ratio	Lower	Upper
252	100	
253	22.3	17.9 26.9
125	9.2	10.2 15.2#





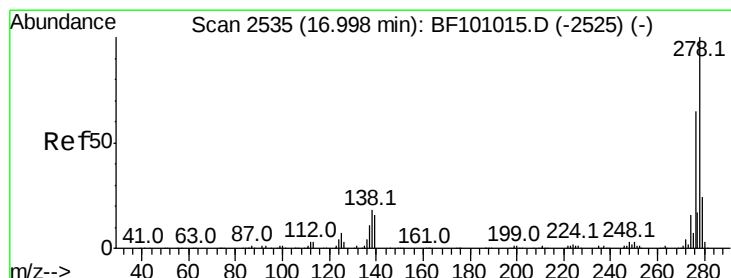
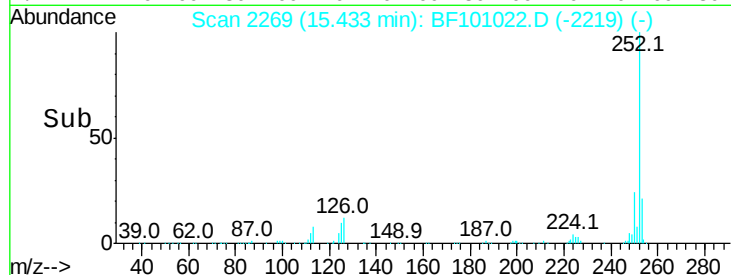
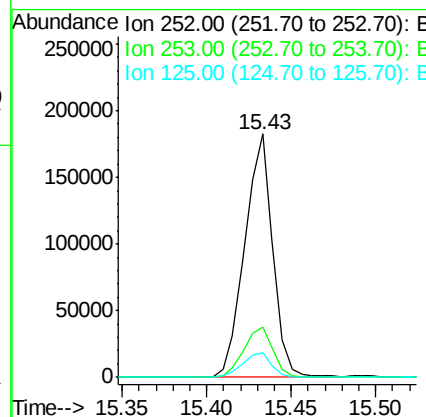
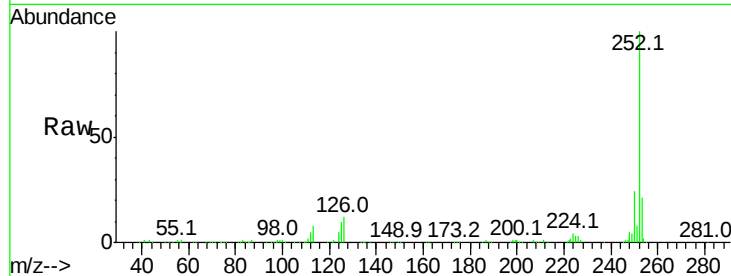
#89
Benzo(a)pyrene
Concen: 31.783 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Instrument :
BNA_F
ClientSampleId :
PB104614BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	211101		
253	20.9	17.1	25.7	
125	10.1	9.8	14.6	

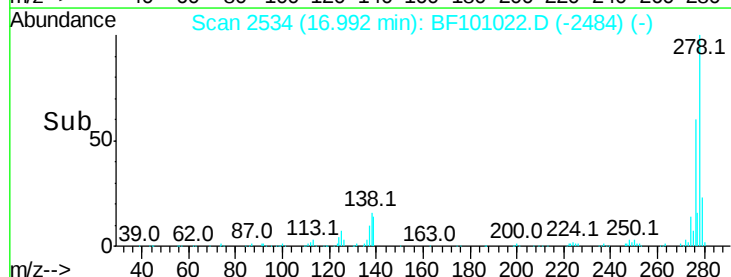
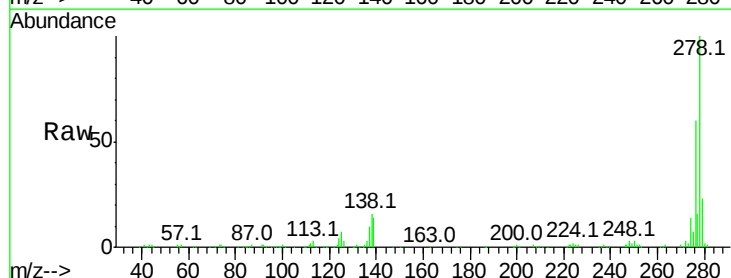
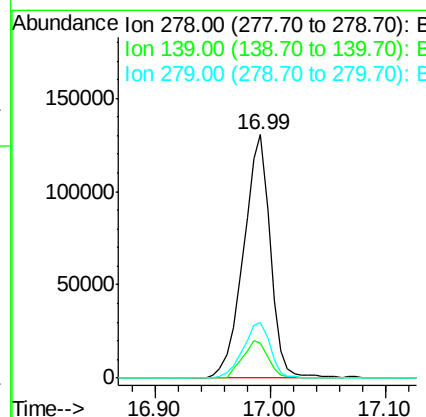
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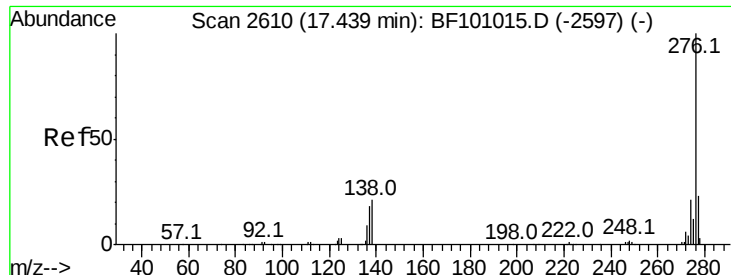
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 35.907 ng
RT: 16.99 min Scan# 2534
Delta R.T. -0.01 min
Lab File: BF101022.D
Acq: 30 Nov 2017 17:30

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	210254		
139	14.2	15.9	23.9#	
279	22.9	19.0	28.4	





#91
 Benzo(a,h,i)perylene
 Concen: 39.277 ng
 RT: 17.43 min Scan# 2608
 Delta R.T. -0.01 min
 Lab File: BF101022.D
 Acq: 30 Nov 2017 17:30

Instrument :
 BNA_F
 ClientSampleId :
 PB104614BS

Tot Ion:	276	Resp:	216742
Ion Ratio	Lower	Upper	
276	100		
277	22.1	17.9	26.9
138	20.1	21.8	32.8

Manual Integrations
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