

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041618\
 Data File : BF104530.D
 Acq On : 16 Apr 2018 13:25
 Operator : JU/SJ
 Sample : PB108229BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Manual Integrations
 APPROVED

Sohil
 4/17/2018 10:08:50 AM

Quant Time: Apr 16 14:57:07 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	119790	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	576216	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	251776	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	391414	20.00	ng	0.00
75) Chrysene-d12	13.99	240	259949	20.00	ng	0.00
86) Perylene-d12	15.46	264	226454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	752661	96.07	ng	0.02
7) Phenol-d6	6.46	99	873929	90.79	ng	0.00
23) Nitrobenzene-d5	7.38	82	677822	76.81	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	227794	87.22	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1315718	82.55	ng	0.00
78) Terphenyl-d14	12.93	244	998234	87.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	177537	48.635	ng	89
3) Pyridine	3.35	79	477552	46.530	ng	89
4) n-Nitrosodimethylamine	3.32	42	177278	49.413	ng	80
6) Aniline	6.47	93	378370	28.293	ng	94
8) 2-Chlorophenol	6.60	128	394052	47.655	ng	95
9) Benzaldehyde	6.36	77	21377	2.106	ng	97
10) Phenol	6.47	94	466703	45.696	ng	81
11) bis(2-Chloroethyl)ether	6.55	93	369260	45.307	ng	93
12) 1,3-Dichlorobenzene	6.75	146	413111	44.100	ng	99
13) 1,4-Dichlorobenzene	6.83	146	416214	44.572	ng	100
14) 1,2-Dichlorobenzene	6.98	146	388619	44.909	ng	98
15) Benzyl Alcohol	6.96	79	317267	43.396	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	467684	42.729	ng	88
17) 2-Methylphenol	7.07	107	322957	44.932	ng	93
18) Hexachloroethane	7.32	117	143659	43.149	ng	98
19) n-Nitroso-di-n-propylamine	7.23	70	251417	39.971	ng	95
20) 3+4-Methylphenols	7.23	107	375730	42.149	ng	# 76
22) Acetophenone	7.22	105	511590	36.063	ng	97
24) Nitrobenzene	7.40	77	407983	41.876	ng	97
25) Isophorone	7.63	82	854034	45.767	ng	99
26) 2-Nitrophenol	7.71	139	222626	56.130	ng	99
27) 2,4-Dimethylphenol	7.75	122	402927	48.926	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	553368	48.502	ng	99
29) 2,4-Dichlorophenol	7.96	162	364292	46.360	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	379199	43.972	ng	99
31) Naphthalene	8.12	128	1254748	43.731	ng	100
32) Benzoic acid	7.88	122	255723	38.917	ng	98
33) 4-Chloroaniline	8.17	127	345303	28.091	ng	97
34) Hexachlorobutadiene	8.23	225	202191	42.805	ng	100
35) Caprolactam	8.55	113	122466m	44.676	ng	
36) 4-Chloro-3-methylphenol	8.66	107	387473	45.987	ng	98
37) 2-Methylnaphthalene	8.81	142	825082	44.456	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	344827	47.844	ng	99
40) Hexachlorocyclopentadiene	8.96	237	162056	40.164	ng	96

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 16 12:15:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	239631	47.896	nq	99
43) 2,4,5-Trichlorophenol	9.14	196	250148	44.679	nq	97
45) 1,1'-Biphenyl	9.27	154	945346	44.695	nq	99
46) 2-Chloronaphthalene	9.30	162	748808	44.821	nq	98
47) 2-Nitroaniline	9.40	65	240585	58.231	nq	97
48) Acenaphthylene	9.72	152	1124340	42.894	nq	100
49) Dimethylphthalate	9.58	163	911671	45.918	nq	99
50) 2,6-Dinitrotoluene	9.65	165	196226	53.412	nq #	86
51) Acenaphthene	9.89	154	653461	40.859	nq	100
52) 3-Nitroaniline	9.81	138	174259	40.516	nq	99
53) 2,4-Dinitrophenol	9.92	184	42029	38.164	nq #	22
54) Dibenzofuran	10.06	168	976041	43.793	nq	98
55) 4-Nitrophenol	9.99	139	300685	88.998	nq	90
56) 2,4-Dinitrotoluene	10.05	165	244185	50.671	nq	99
57) Fluorene	10.40	166	713956	44.010	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	184187	44.097	nq	95
59) Diethylphthalate	10.27	149	867669	43.880	nq	100
60) 4-Chlorophenyl-phenylether	10.40	204	335917	46.495	nq	95
61) 4-Nitroaniline	10.43	138	196637	46.758	nq	96
62) Azobenzene	10.56	77	800782	42.388	nq	94
64) 4,6-Dinitro-2-methylphenol	10.46	198	30288	20.804	nq #	75
65) n-Nitrosodiphenylamine	10.52	169	678717	50.011	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	208604	50.104	nq	93
67) Hexachlorobenzene	10.95	284	213235	45.517	nq	96
68) Atrazine	11.04	200	206240	50.346	nq	98
69) Pentachlorophenol	11.15	266	193010	66.597	nq	98
70) Phenanthrene	11.37	178	953135	43.727	nq	99
71) Anthracene	11.42	178	973504	43.936	nq	100
72) Carbazole	11.58	167	875004	40.413	nq	99
73) Di-n-butylphthalate	11.90	149	1222514	46.222	nq	100
74) Fluoranthene	12.56	202	852932	37.452	nq	99
76) Benzidine	12.69	184	658707	Below	Cal	98
77) Pyrene	12.79	202	838234	43.503	nq	99
79) Butylbenzylphthalate	13.40	149	414326	45.643	nq	97
80) Benzo(a)anthracene	13.98	228	724595	46.659	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	276144	47.691	nq	98
82) Chrysene	14.02	228	691502	43.351	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	559383	47.909	nq	99
84) Di-n-octyl phthalate	14.59	149	940312	48.197	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	563862	41.612	nq	99
87) Benzo(b)fluoranthene	15.03	252	702882	49.144	nq	97
88) Benzo(k)fluoranthene	15.06	252	607334	44.978	nq	99
89) Benzo(a)pyrene	15.40	252	597918	46.723	nq	98
90) Dibenzo(a,h)anthracene	16.94	278	473952	45.094	nq	99
91) Benzo(g,h,i)perylene	17.36	276	446727	43.871	nq	98

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



#1

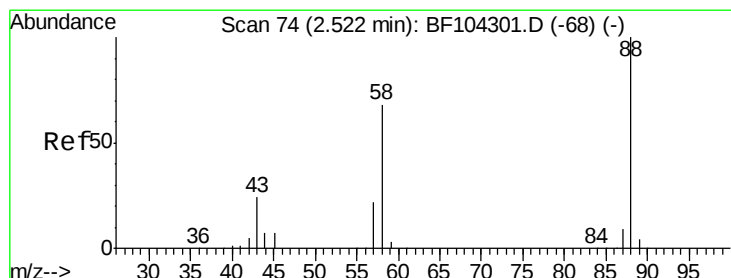
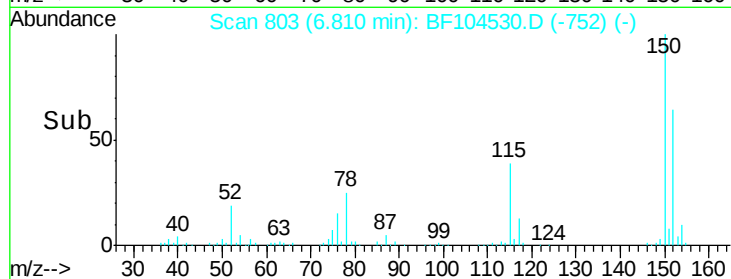
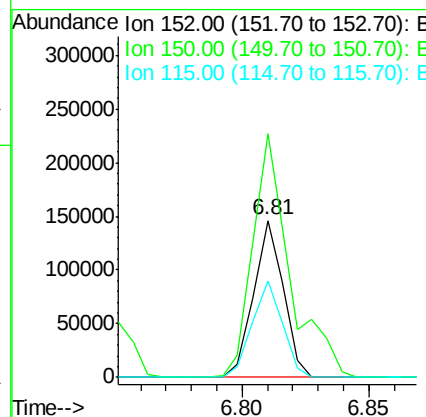
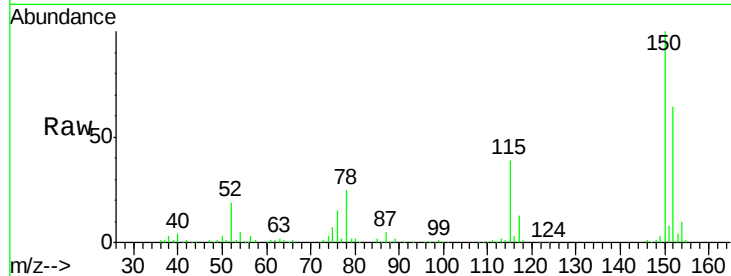
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	124.6	186.8
115	61.3	50.1	75.1

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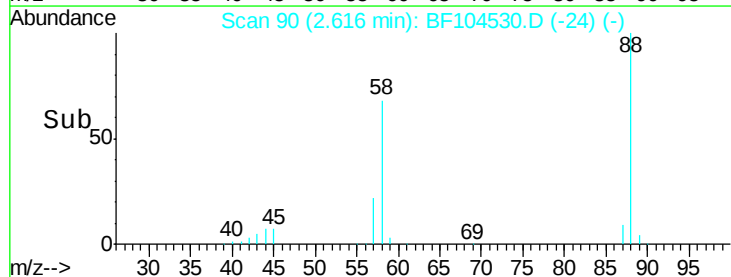
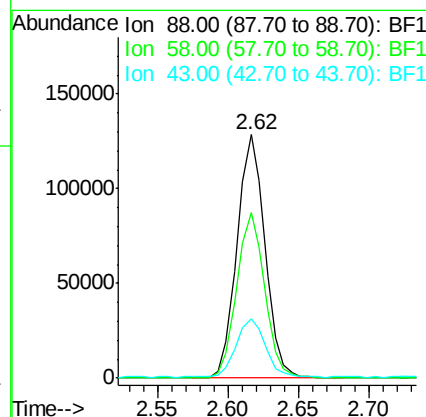
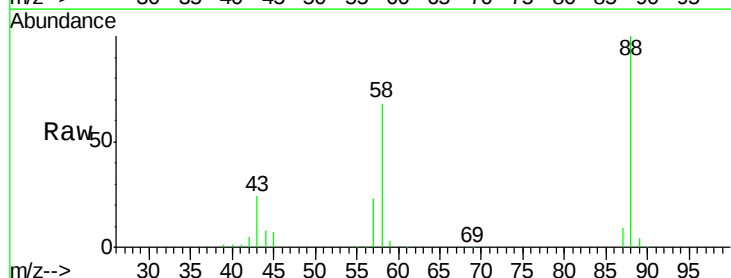
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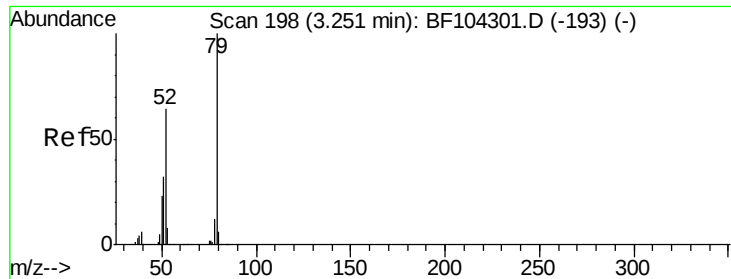


#2

1,4-Dioxane
Concen: 48.635 ng
RT: 2.62 min Scan# 90
Delta R.T. 0.09 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.0	62.6	93.8
43	25.8	24.6	37.0





#3

Pvridine

Concen: 46.530 ng

RT: 3.35 min Scan# 215

Delta R.T. 0.09 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

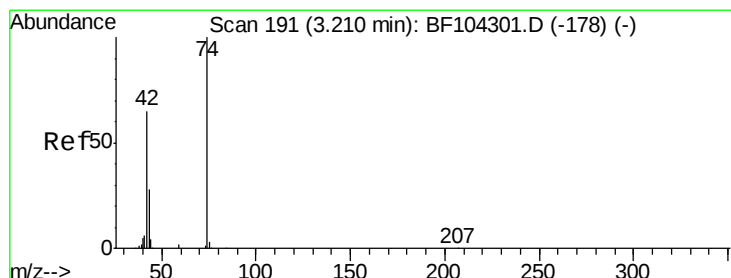
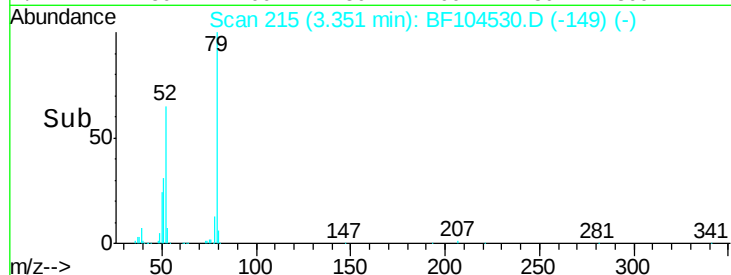
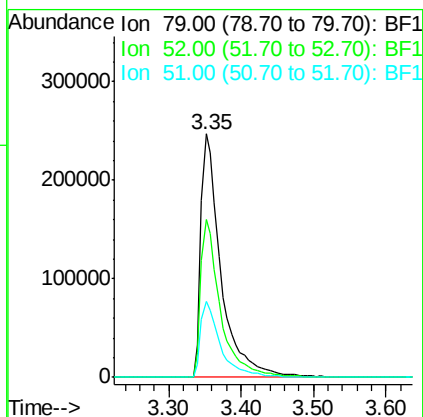
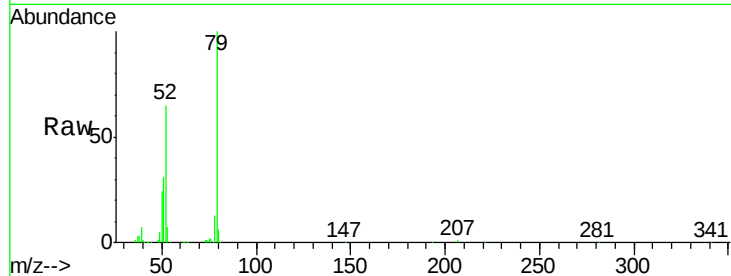
ClientSampleId :

PB108229BSD

Tot Ion:	79	Resp:	477552
Ion Ratio	Lower	Upper	
79	100		
52	64.6	59.8	89.6
51	31.3	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 49.413 ng

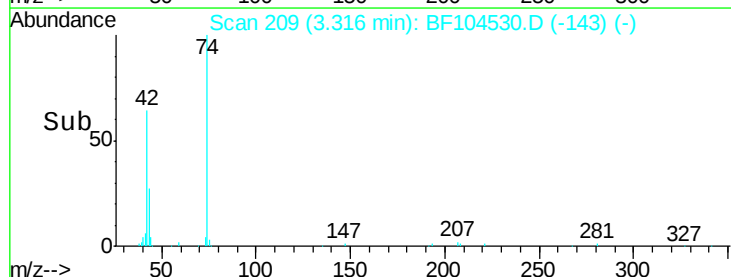
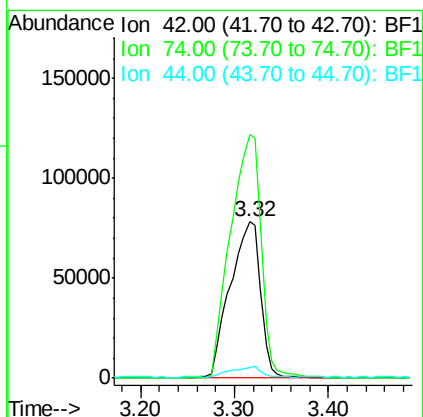
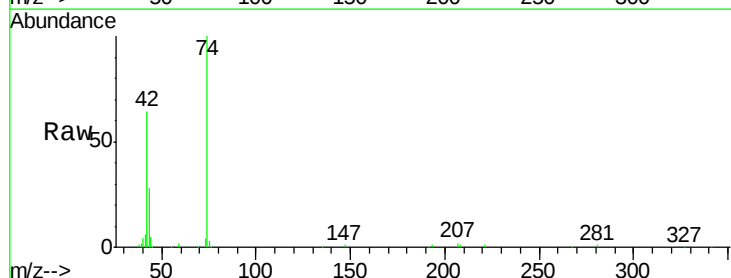
RT: 3.32 min Scan# 209

Delta R.T. 0.09 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	42	Resp:	177278
Ion Ratio	Lower	Upper	
42	100		
74	155.7	104.9	157.3
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 96.073 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

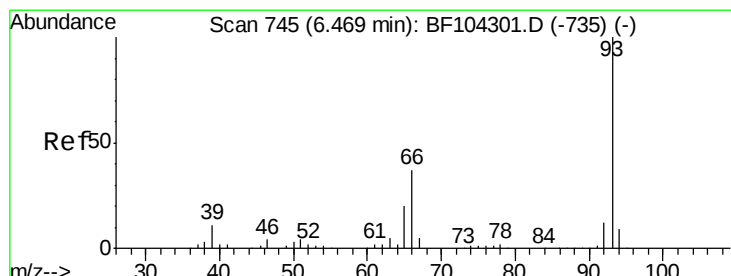
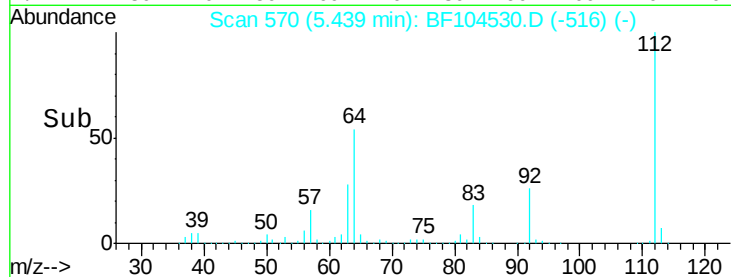
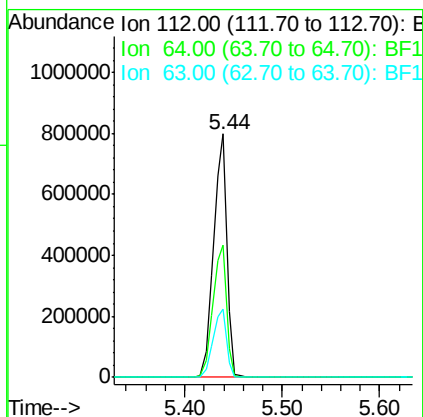
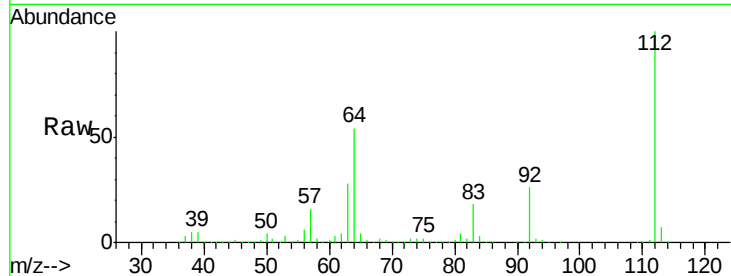
ClientSampleId :

PB108229BSD

Tot Ion:	112	Resp:	752661
Ion Ratio	Lower	Upper	
112	100		
64	54.5	47.9	71.9
63	28.1	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 28.293 ng

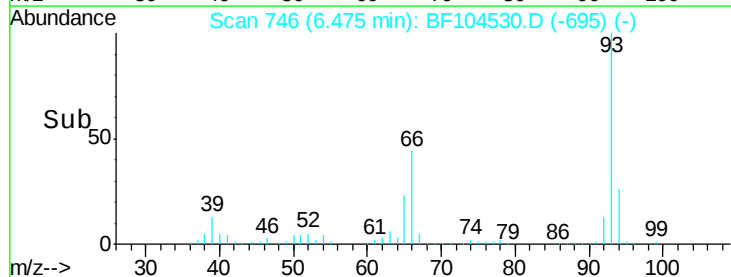
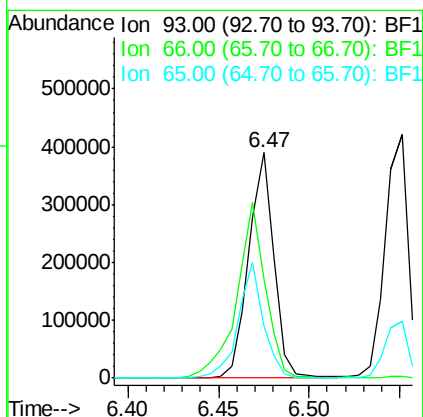
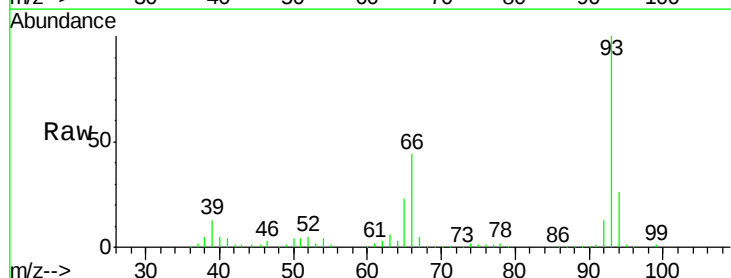
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	93	Resp:	378370
Ion Ratio	Lower	Upper	
93	100		
66	44.0	32.2	48.2
65	23.1	16.4	24.6





#7

Phenol-d6

Concen: 90.791 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

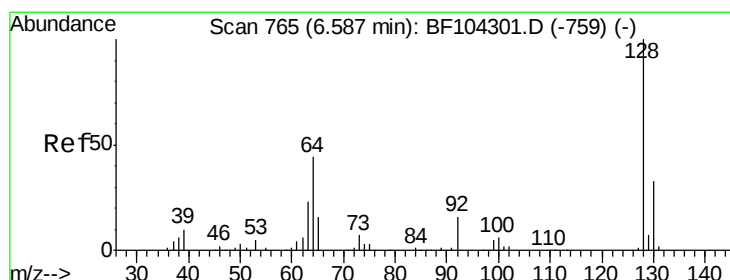
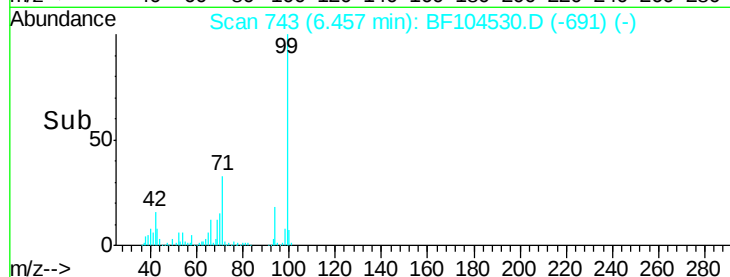
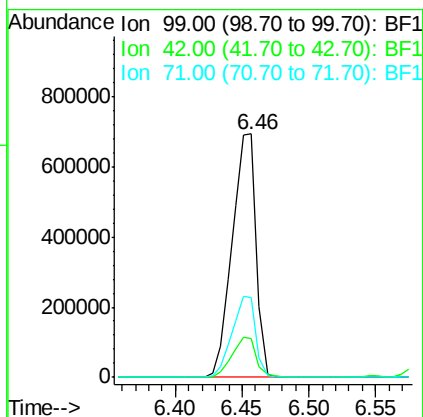
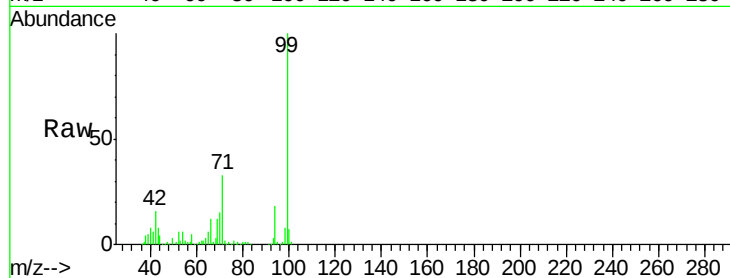
ClientSampleId :

PB108229BSD

Tot Ion:	99	Resp:	873929
Ion	Ratio	Lower	Upper
99	100		
42	15.8	14.5	21.7
71	32.7	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 47.655 ng

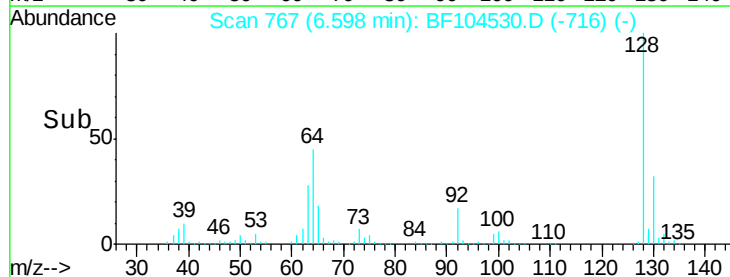
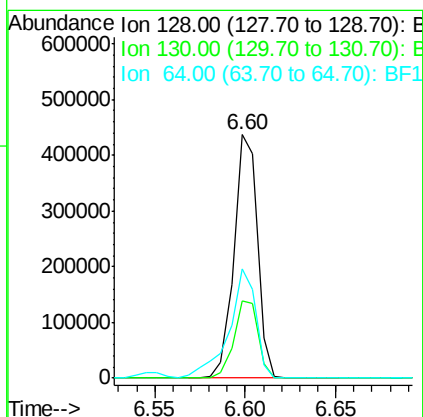
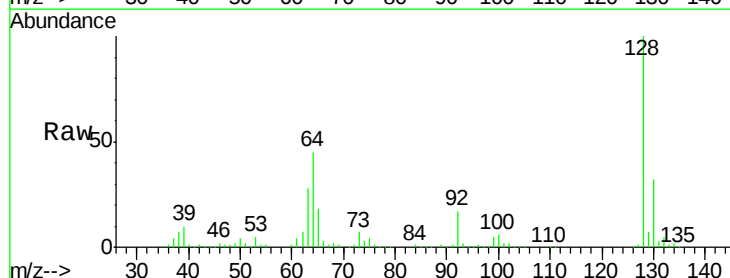
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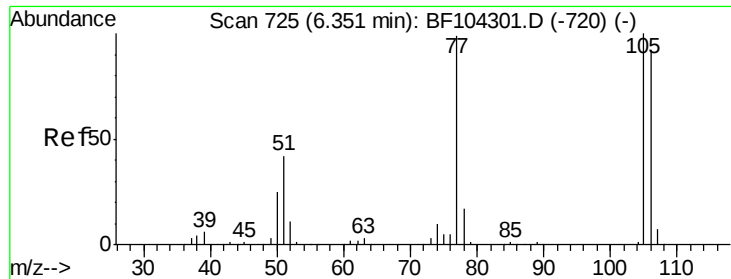
Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	128	Resp:	394052
Ion	Ratio	Lower	Upper
128	100		
130	31.9	13.0	53.0
64	45.1	29.4	69.4





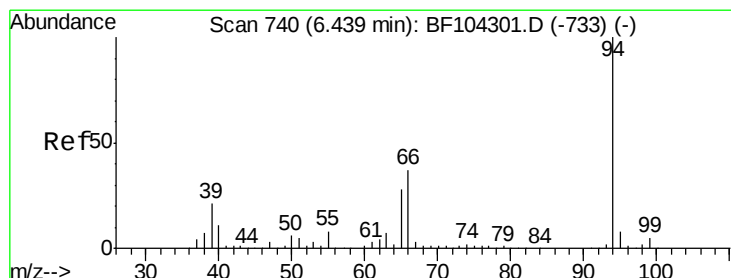
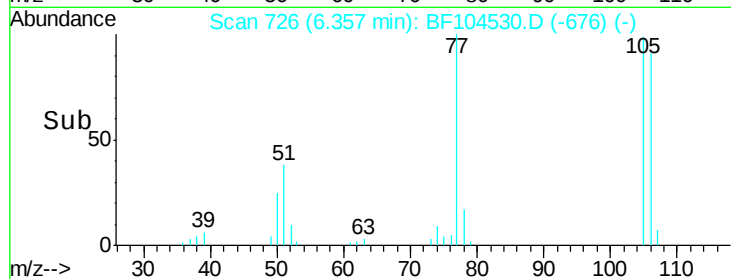
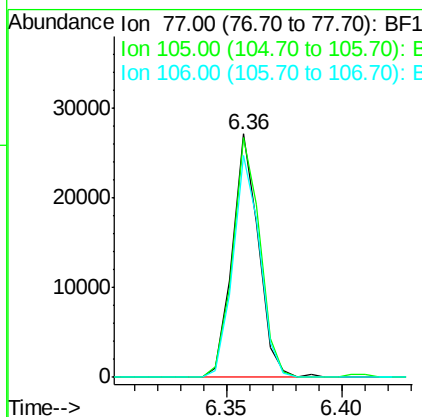
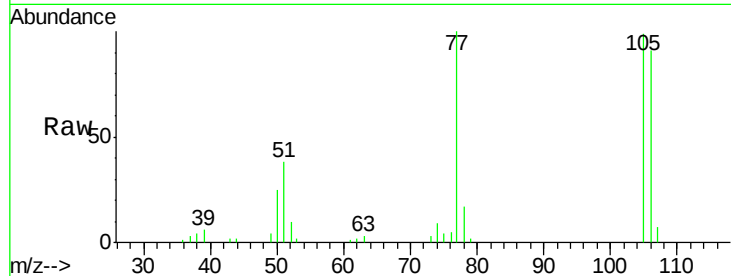
#9
Benzaldehyde
Concen: 2.106 ng
RT: 6.36 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.7	81.1	121.1
106	91.4	74.5	114.5

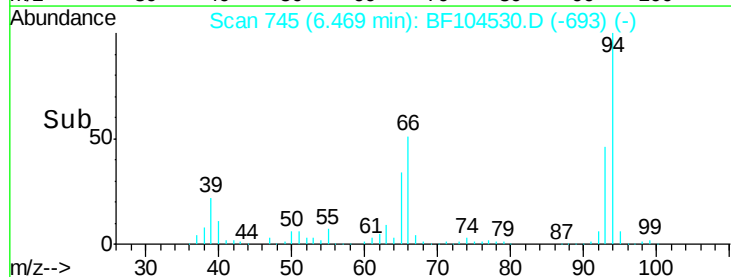
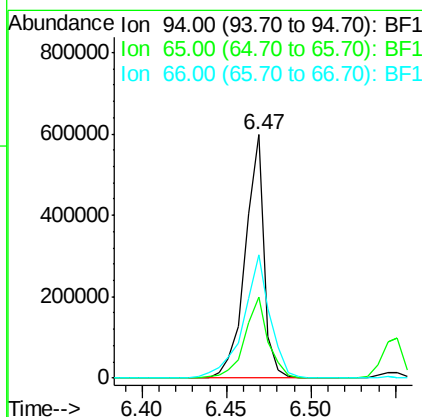
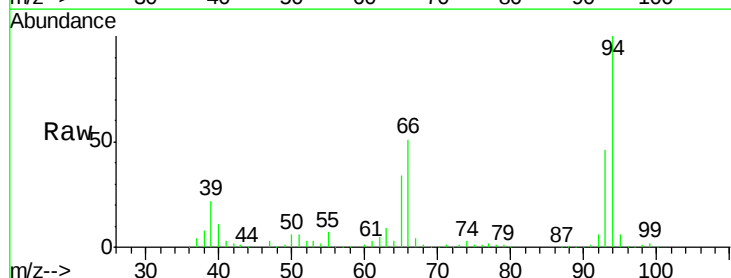
Manual Integrations
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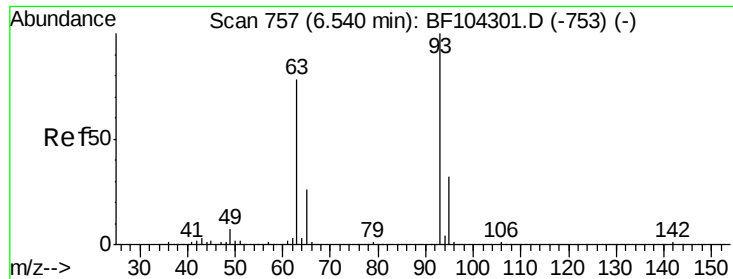
Sohil
4/17/2018 10:08:50 AM



#10
Phenol
Concen: 45.696 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.5	7.9	47.9
66	50.8	16.2	56.2





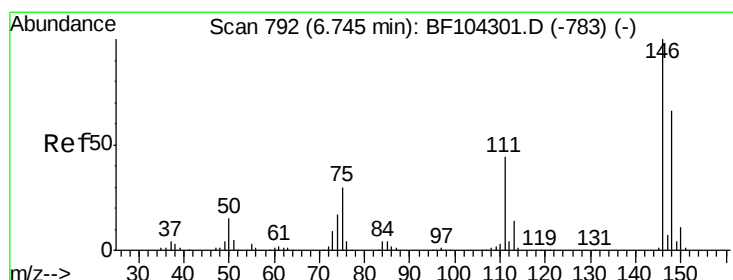
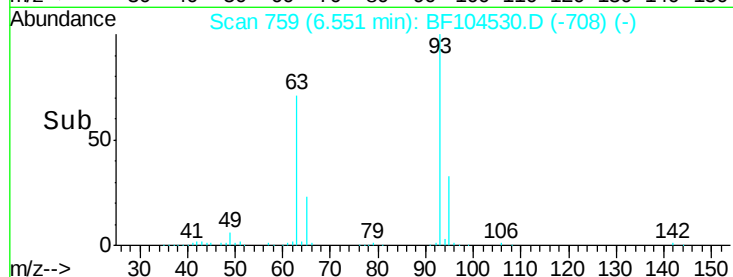
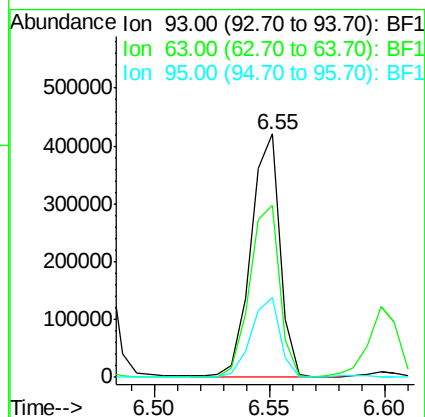
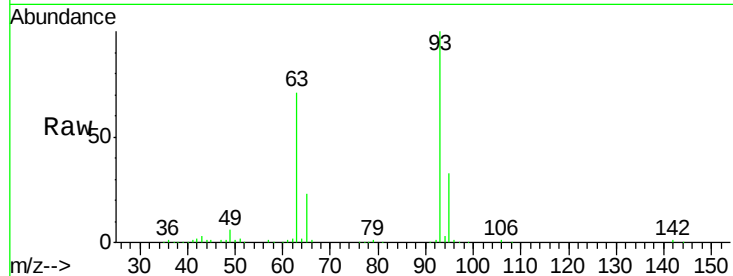
#11
bis(2-Chloroethyl)ether
Concen: 45.307 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion:	93	Resp:	369260
Ion Ratio	Lower	Upper	
93	100		
63	70.6	58.6	98.6
95	32.7	11.8	51.8

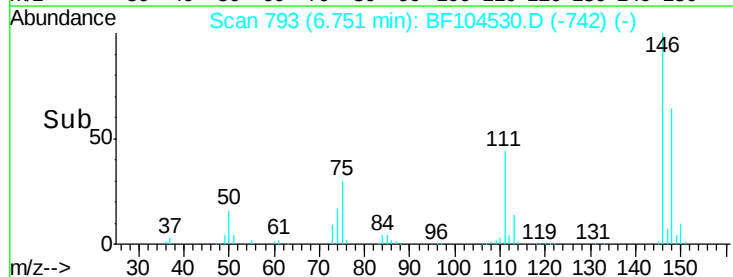
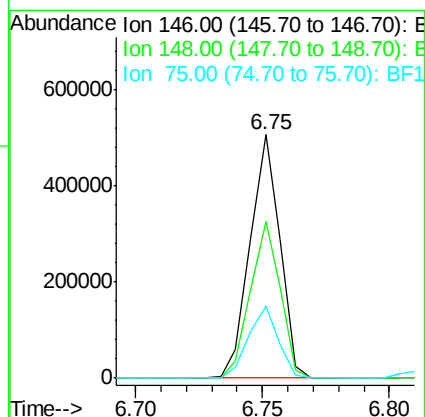
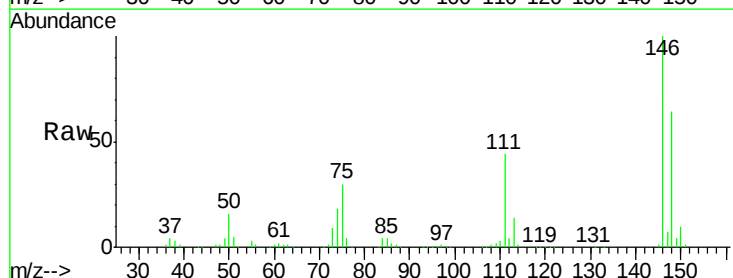
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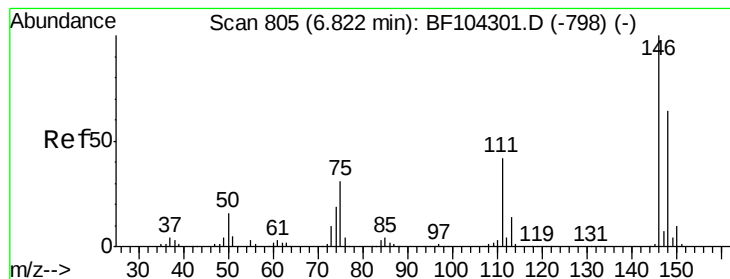
Sohil
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#12
1,3-Dichlorobenzene
Concen: 44.100 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion:	146	Resp:	413111
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	29.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 44.572 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

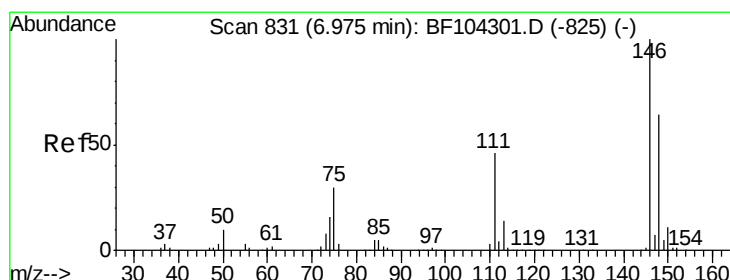
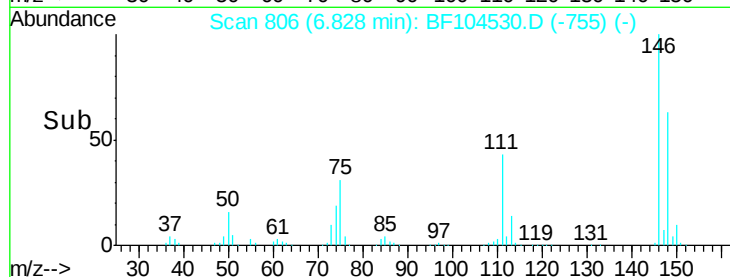
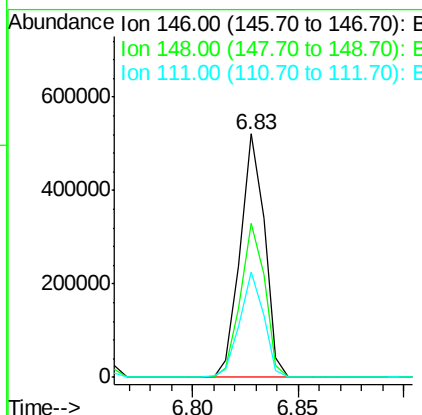
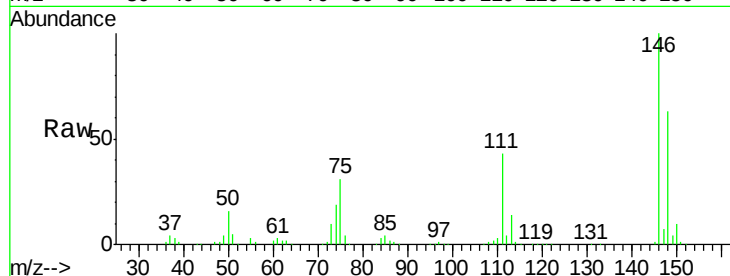
ClientSampleId :

PB108229BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.8	76.2
111	43.2	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 44.909 ng

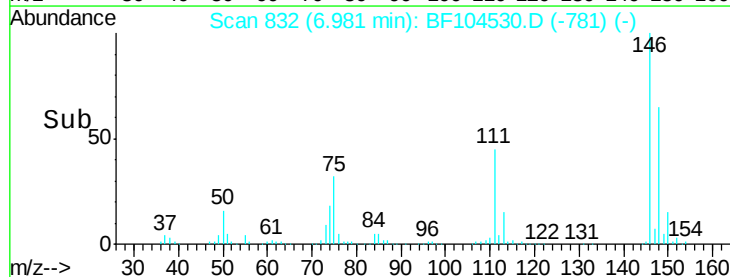
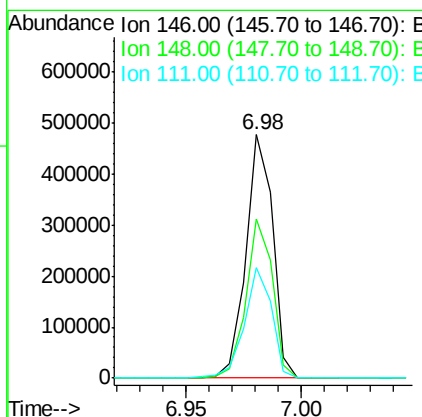
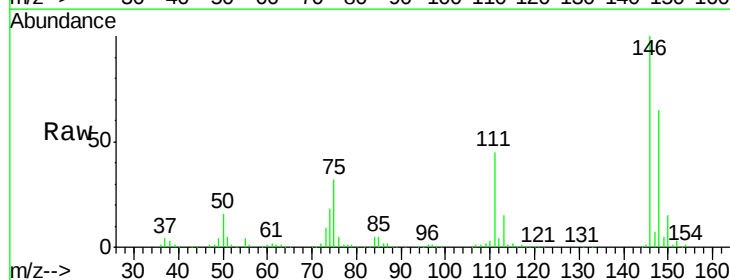
RT: 6.98 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	50.6	75.8
111	45.1	36.0	54.0





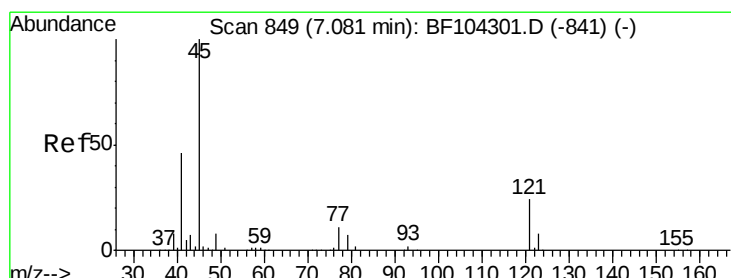
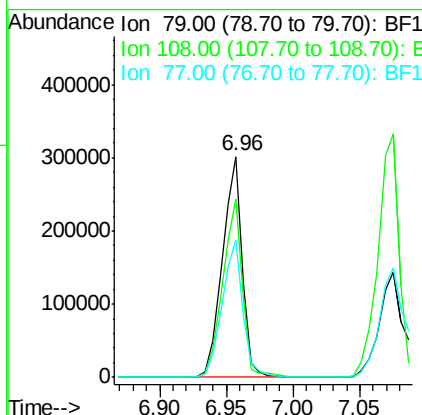
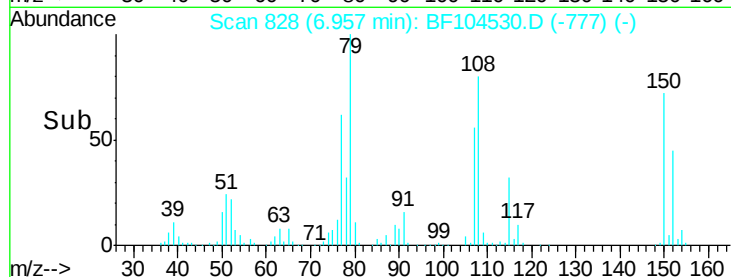
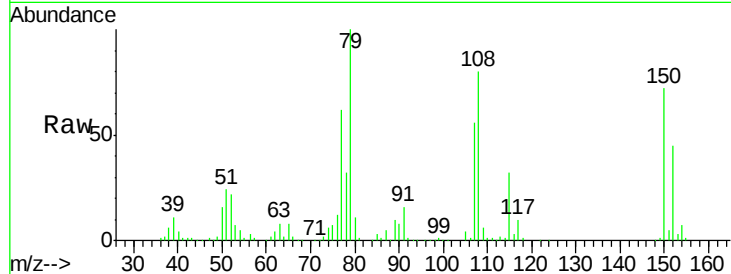
#15
Benzyl Alcohol
Concen: 43.396 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.5	65.1	97.7
77	62.3	50.6	75.8

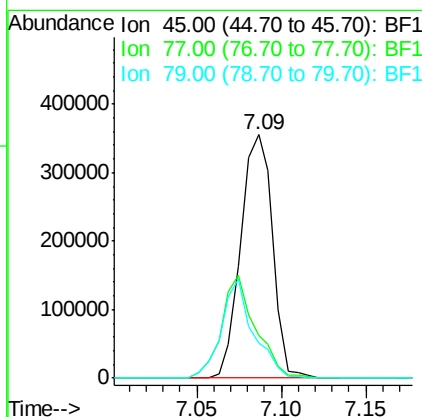
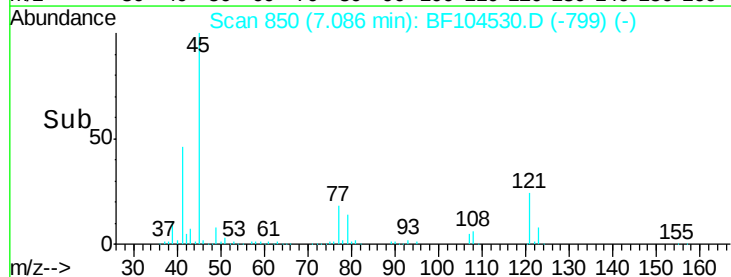
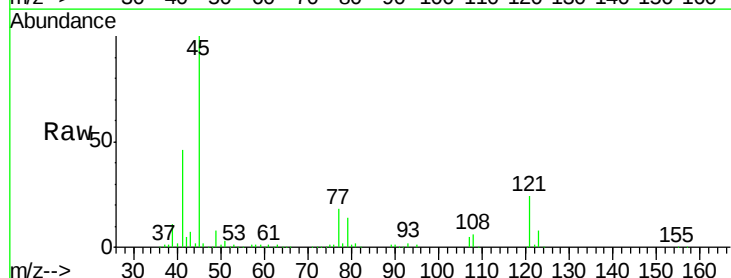
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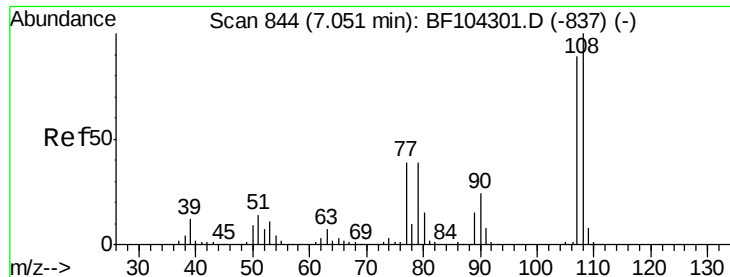
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.729 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.6	0.0	32.9
79	14.4	0.0	29.6





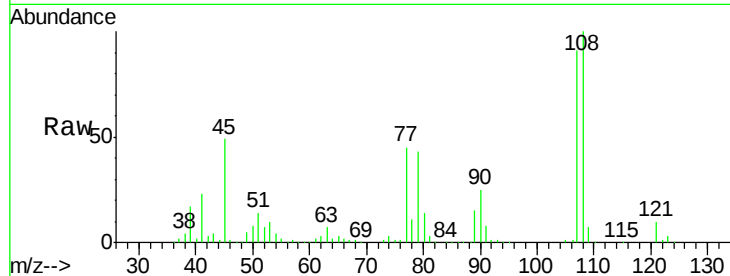
#17
2-Methylphenol
Concen: 44.932 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

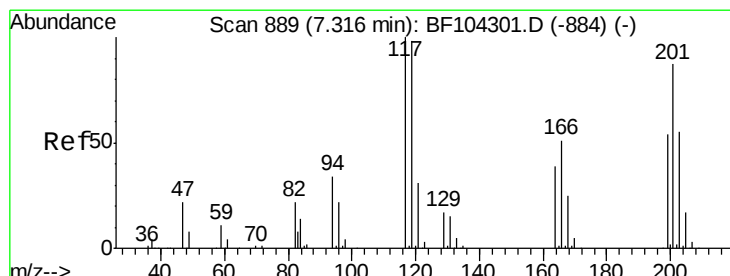
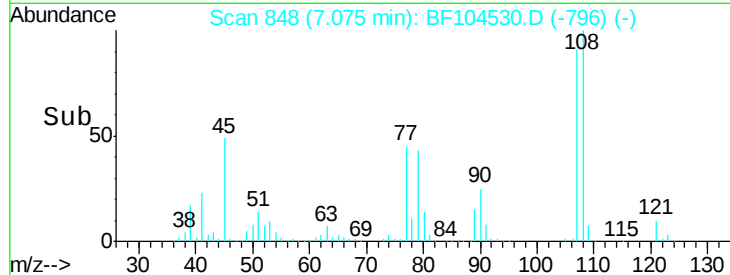
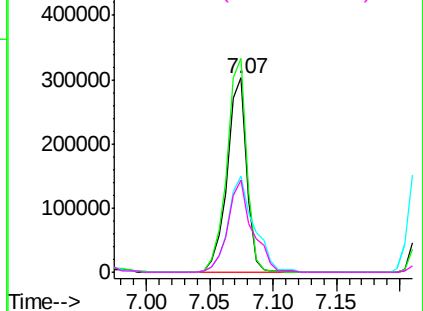
Tot Ion:	107	Resp:	322957
Ion Ratio	Lower	Upper	
107	100		
108	110.0	91.7	137.5
77	49.6	33.8	50.8
79	47.5	33.8	50.8

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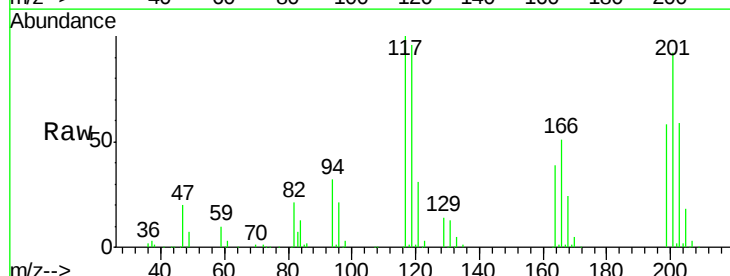


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

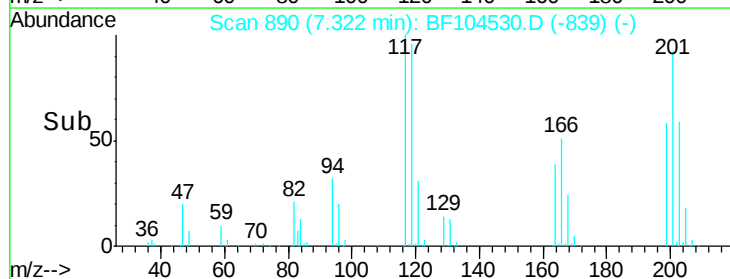
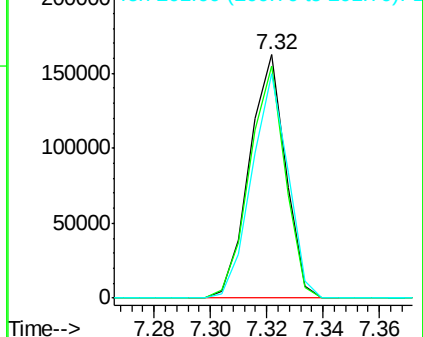


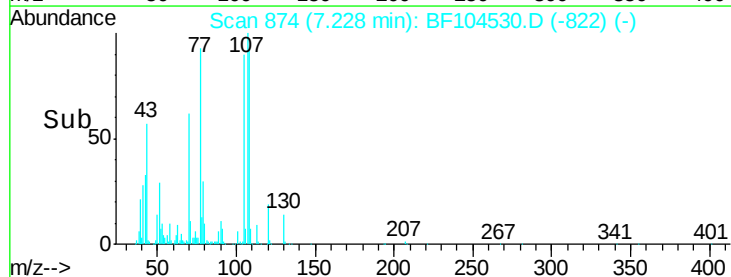
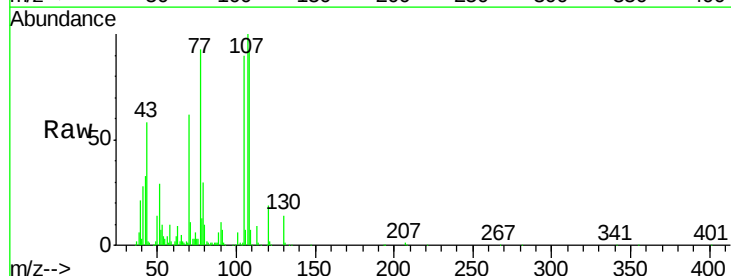
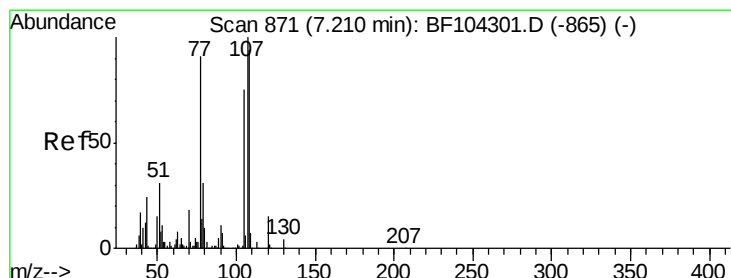
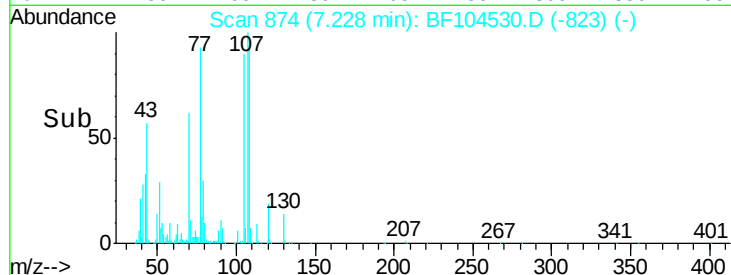
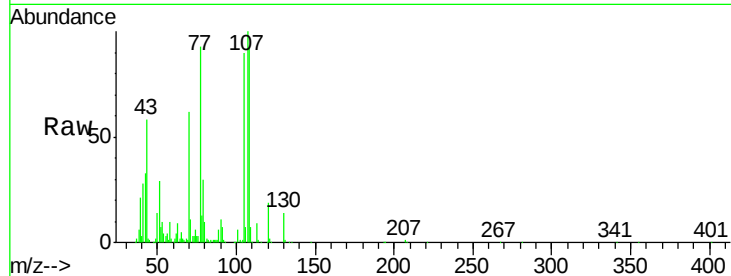
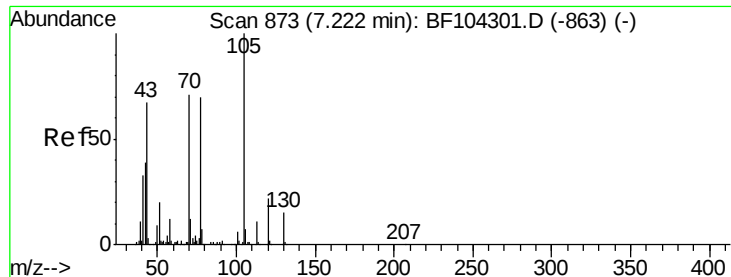
#18
Hexachloroethane
Concen: 43.149 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion:	117	Resp:	143659
Ion Ratio	Lower	Upper	
117	100		
119	95.5	75.8	113.8
201	92.2	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





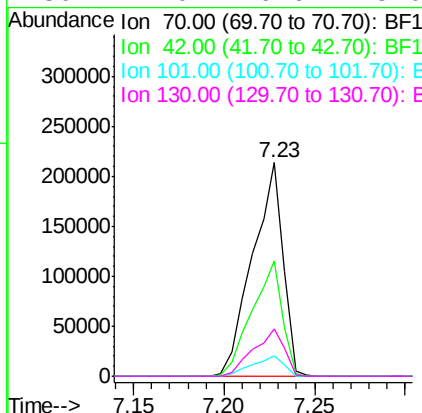
#19
n-Nitroso-di-n-propylamine
Concen: 39.971 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	54.0		47.5	71.3	
101	9.6		7.4	11.2	
130	22.0		16.6	25.0	

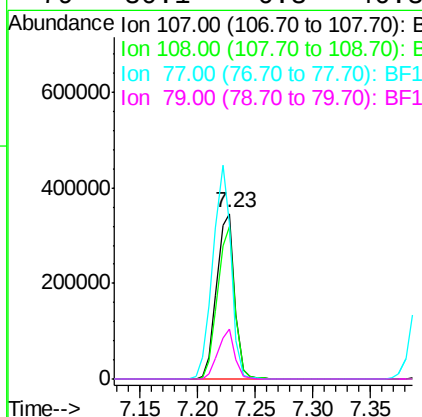
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#20
3+4-Methylphenols
Concen: 42.149 ng
RT: 7.23 min Scan# 874
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.9		68.2	108.2	
77	93.4		26.7	66.7#	
79	30.1		6.3	46.3	





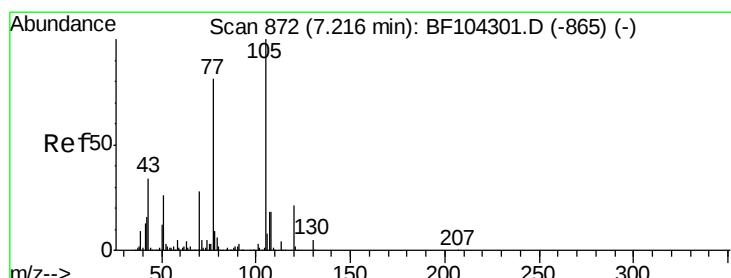
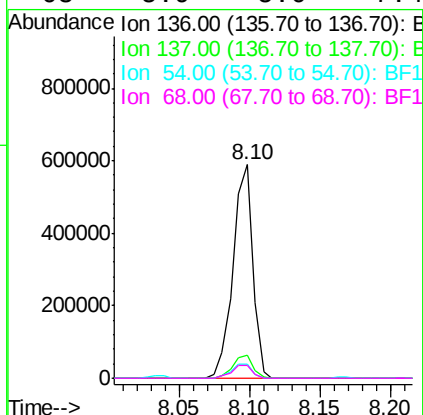
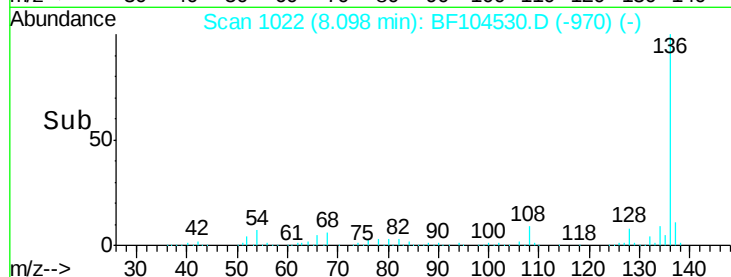
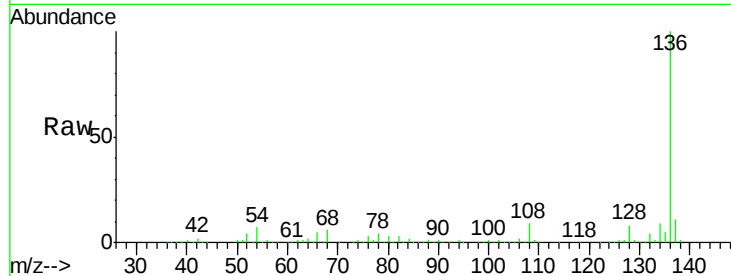
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	576216		
137	10.9	8.9	13.3	
54	6.5	6.6	9.8#	
68	5.9	5.0	7.4	

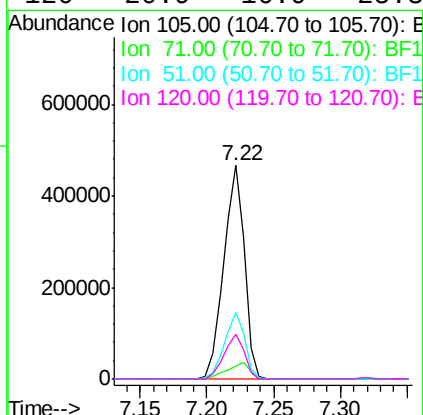
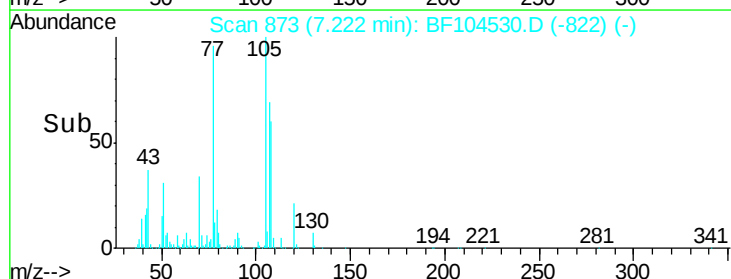
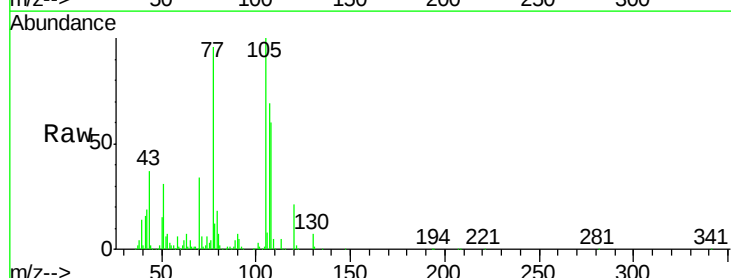
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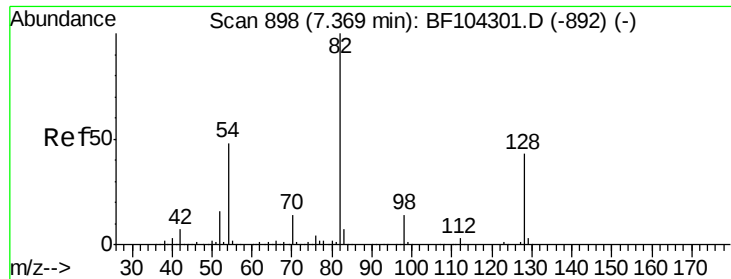
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#22
Acetophenone
Concen: 36.063 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	511590		
71	5.8	4.4	6.6	
51	31.2	22.3	33.5	
120	20.9	16.9	25.3	





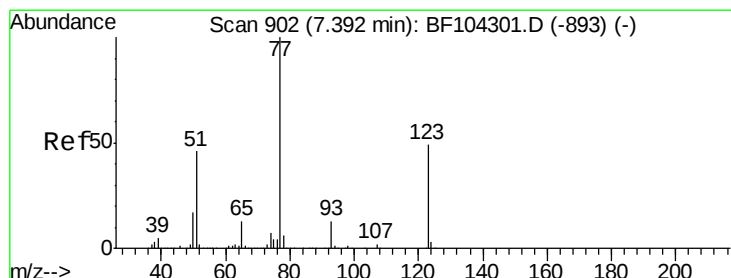
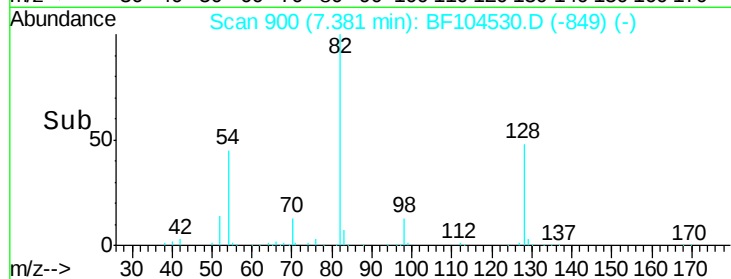
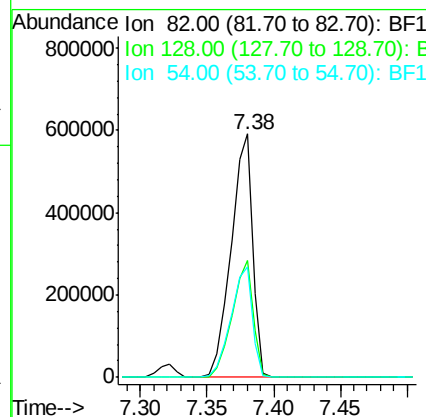
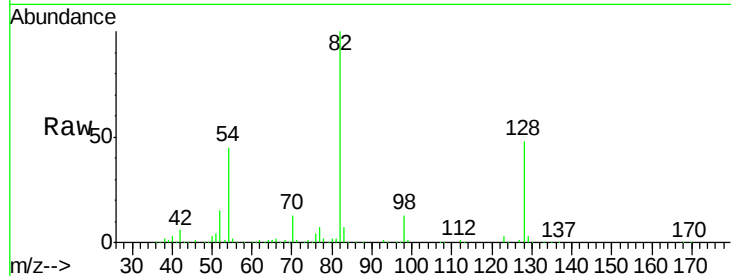
#23
 Nitrobenzene-d5
 Concen: 76.812 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	36.1	54.1
54	45.4	41.4	62.2

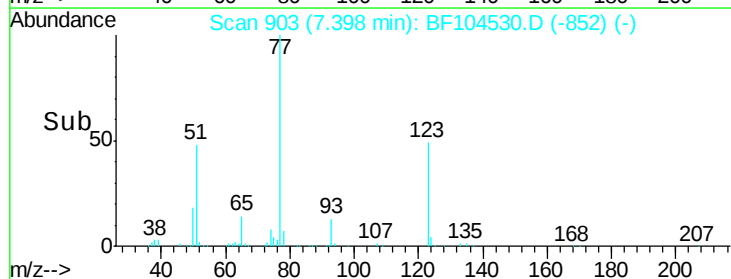
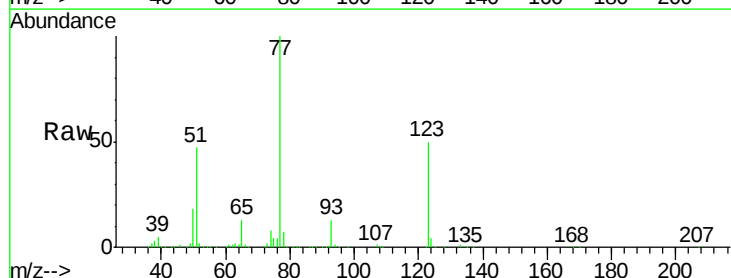
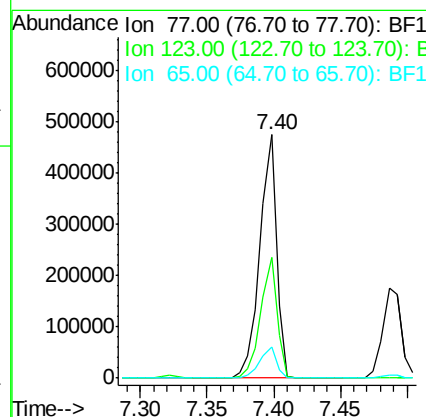
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#24
 Nitrobenzene
 Concen: 41.876 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	37.9	56.9
65	13.0	11.0	16.4





#25

Isophorone

Concen: 45.767 ng

RT: 7.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

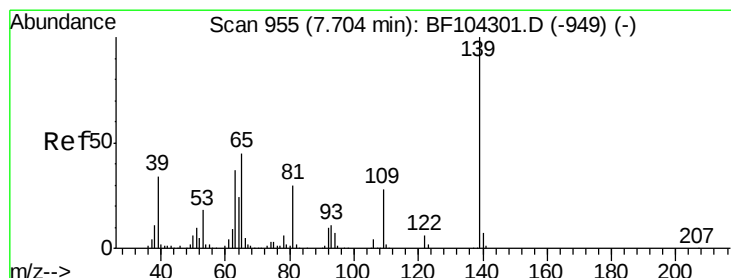
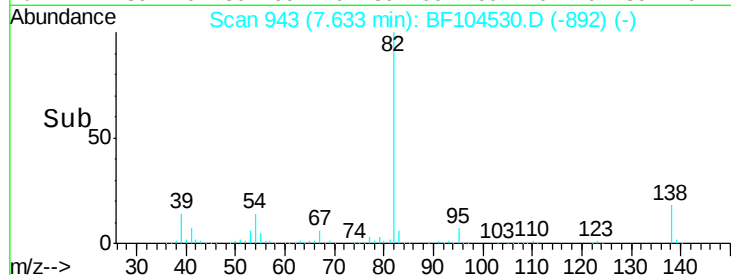
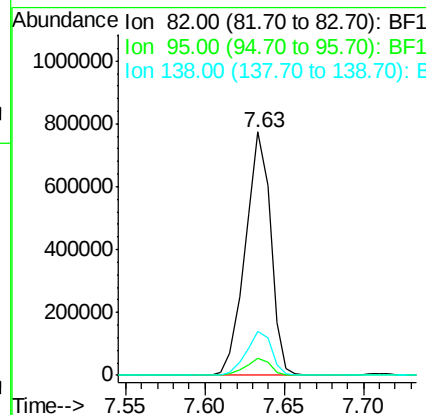
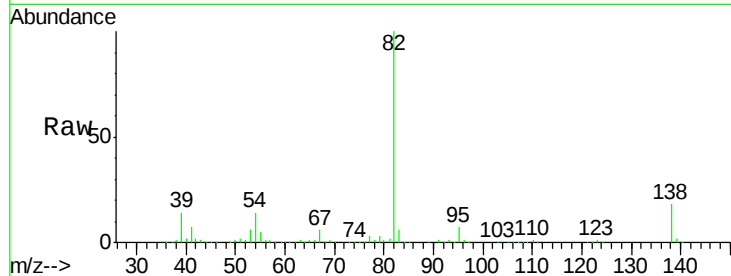
ClientSampleId :

PB108229BSD

Tot Ion:	82	Resp:	854034
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	17.9	14.9	22.3

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#26

2-Nitrophenol

Concen: 56.130 ng

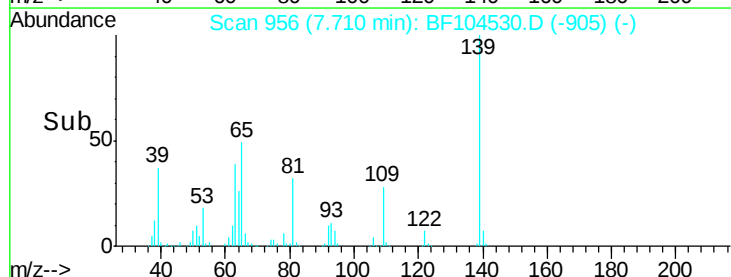
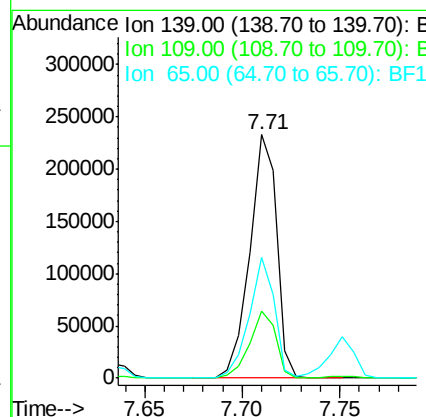
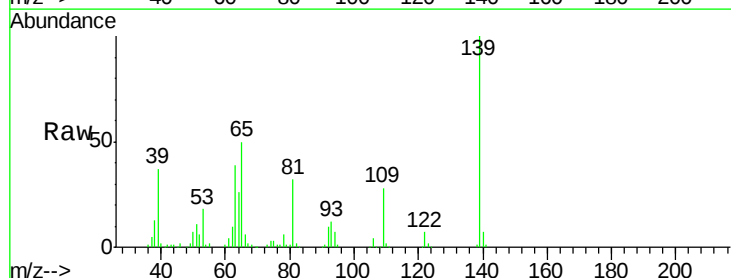
RT: 7.71 min Scan# 956

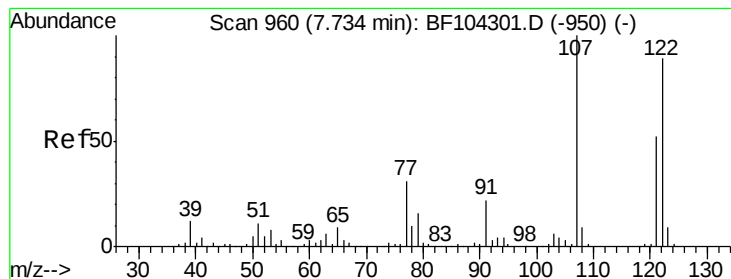
Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	139	Resp:	222626
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	49.5	40.5	60.7





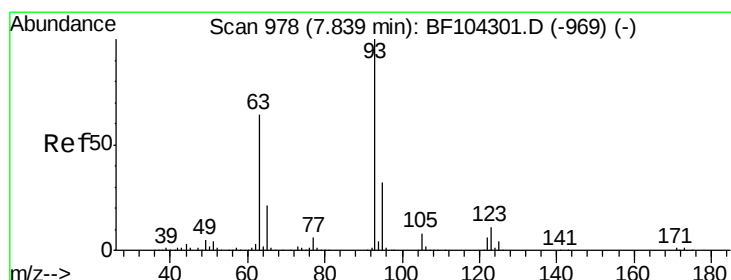
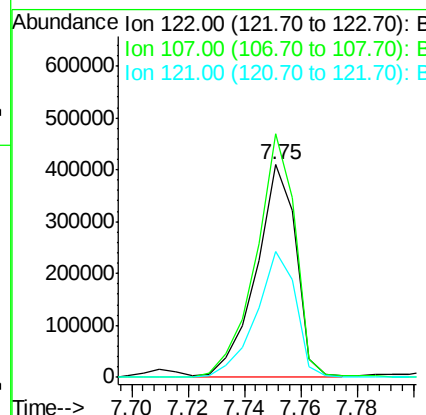
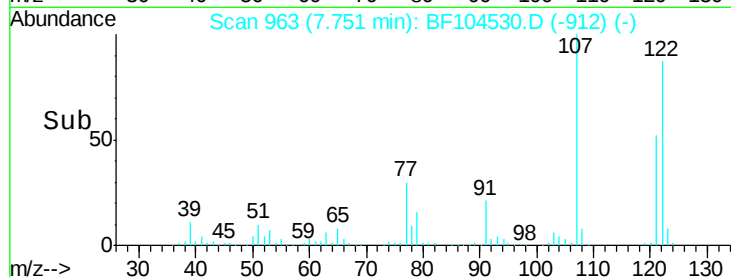
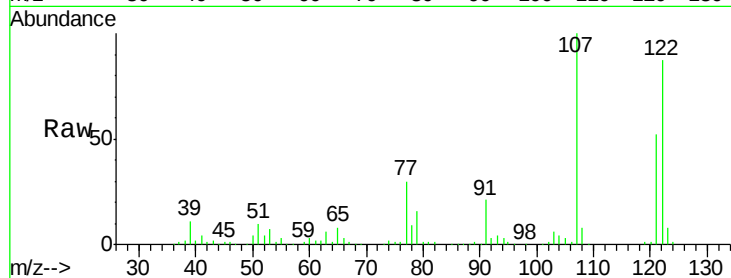
#27
 2,4-Dimethylphenol
 Concen: 48.926 ng
 RT: 7.75 min Scan# 963
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.2	136.8
121	59.2	47.2	70.8

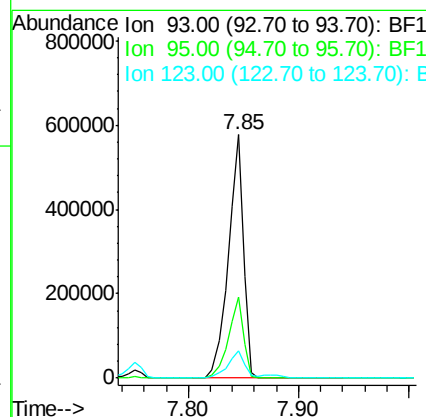
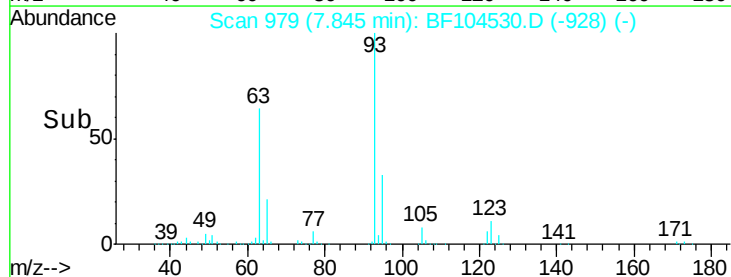
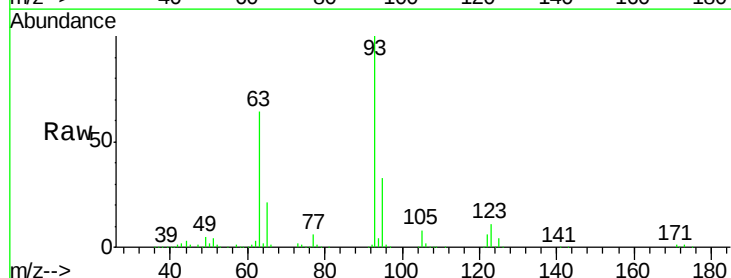
Manual Integrations
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#28
 bis(2-Chloroethoxy)methane
 Concen: 48.502 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.3	39.5
123	11.4	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 46.360 ng

RT: 7.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

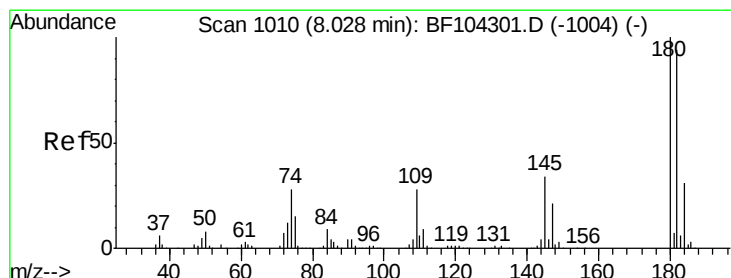
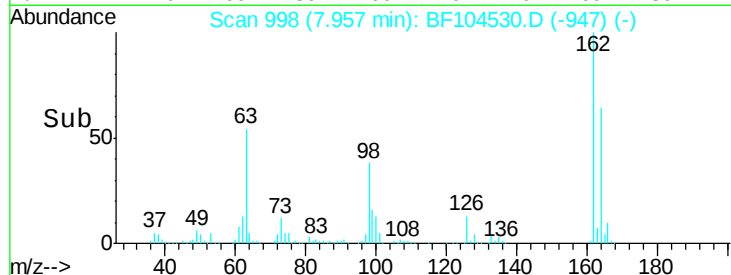
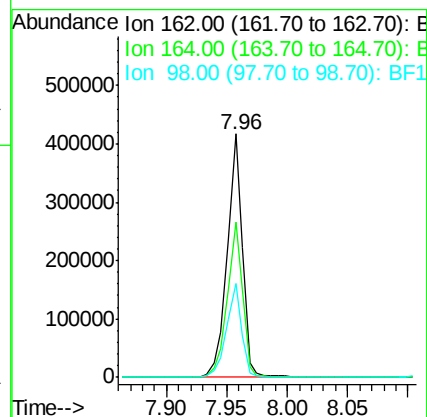
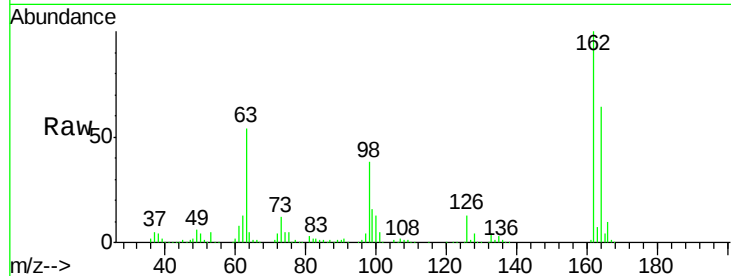
ClientSampleId :

PB108229BSD

Tot Ion:	162	Resp:	364292
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	38.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 43.972 ng

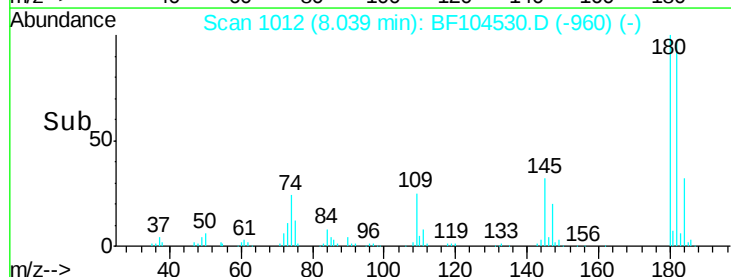
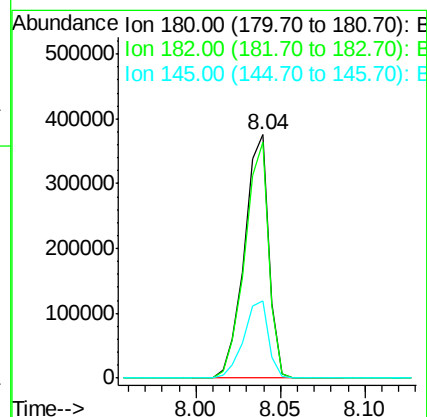
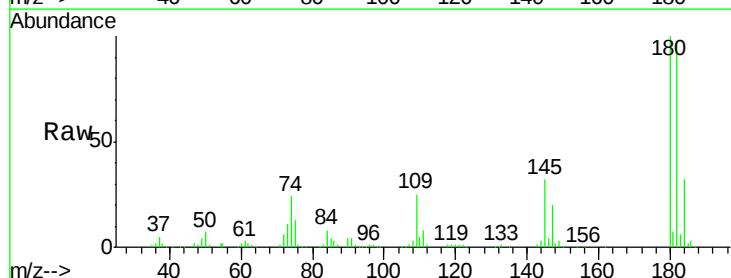
RT: 8.04 min Scan# 1012

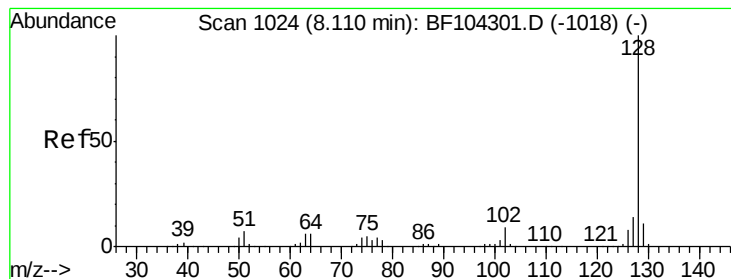
Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	180	Resp:	379199
Ion Ratio	Lower	Upper	
180	100		
182	97.1	76.8	115.2
145	31.9	26.5	39.7





#31

Naphthalene

Concen: 43.731 ng

RT: 8.12 min Scan# 1026

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

PB108229BSD

Tot Ion:128 Resp: 1254748

Ion Ratio Lower Upper

128 100

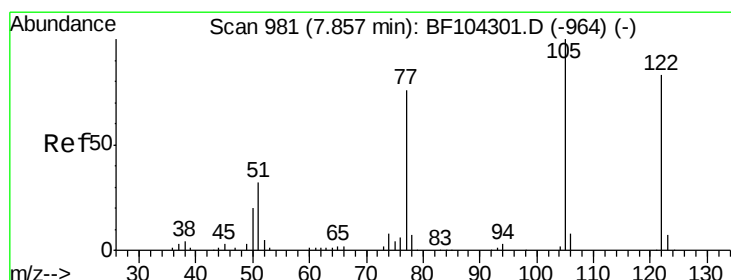
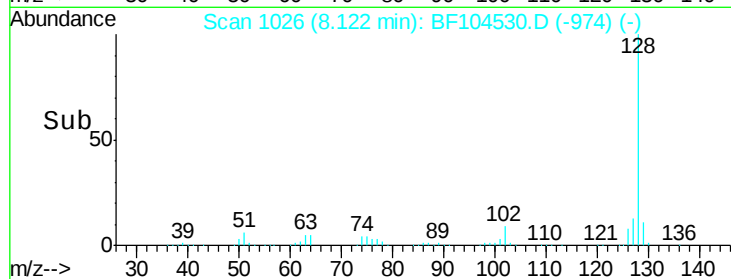
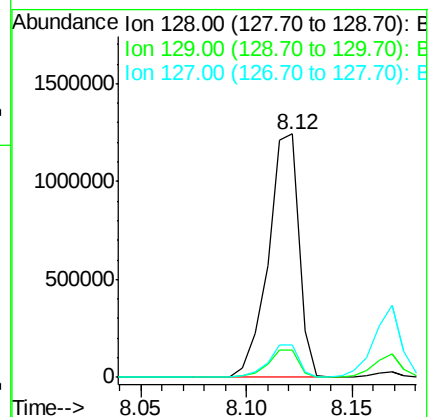
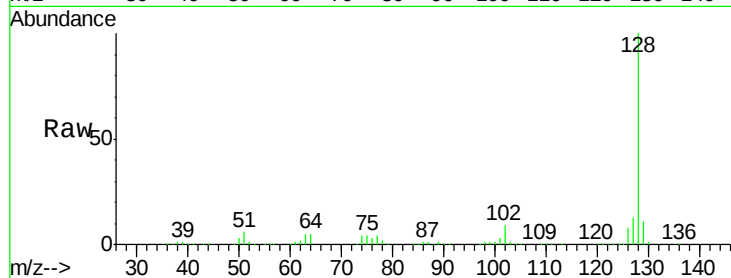
129 11.0 8.8 13.2

127 13.5 10.9 16.3

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#32

Benzoic acid

Concen: 38.917 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

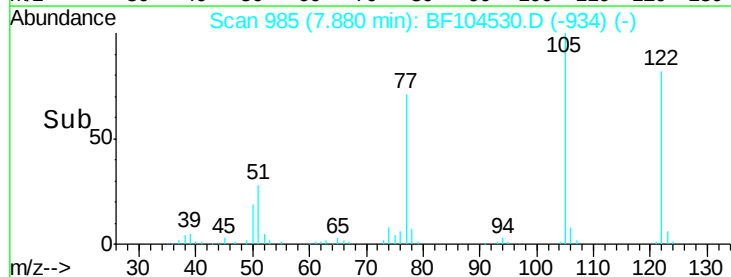
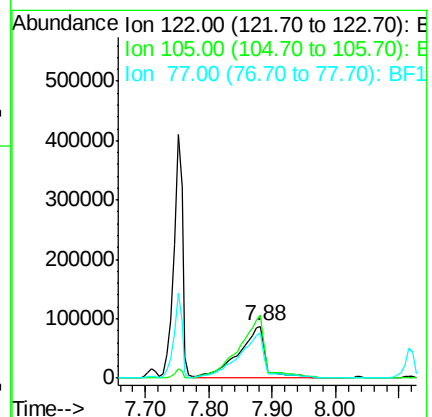
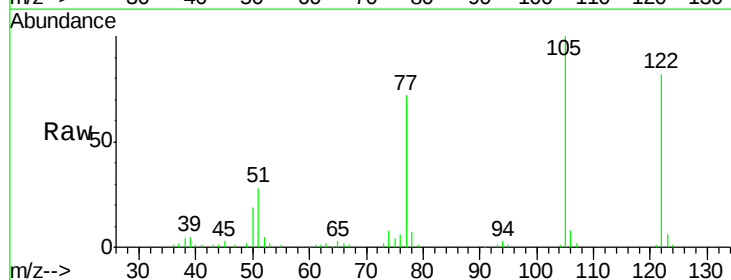
Tgt Ion:122 Resp: 255723

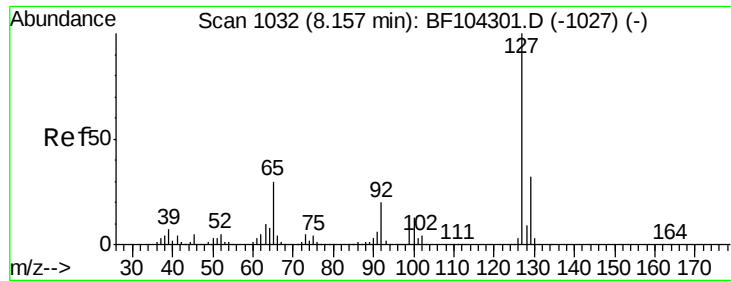
Ion Ratio Lower Upper

122 100

105 121.7 101.1 141.1

77 87.2 70.7 110.7





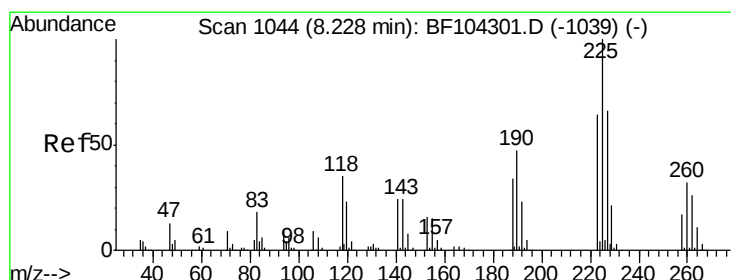
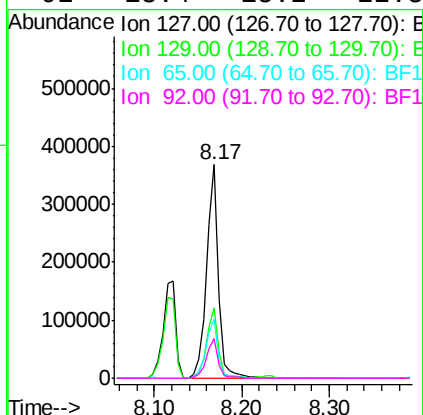
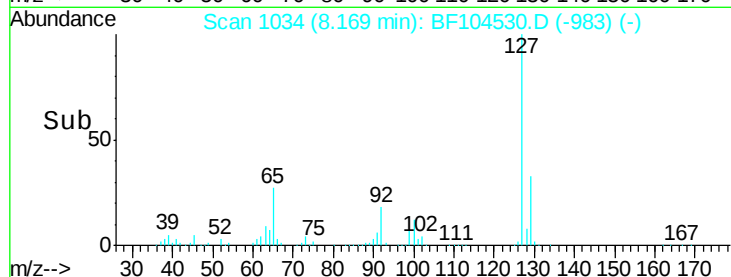
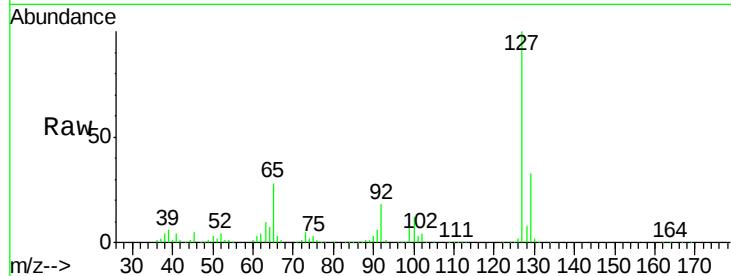
#33
4-Chloroaniline
Concen: 28.091 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.1	25.9	38.9		
65	27.7	25.0	37.4		
92	18.4	15.2	22.8		

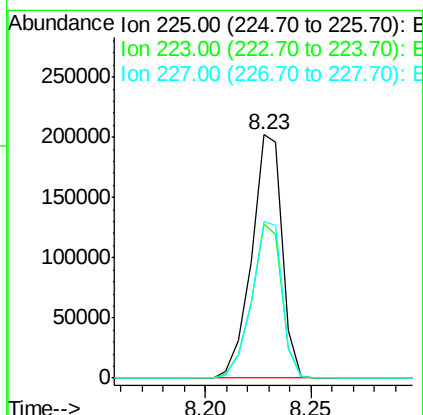
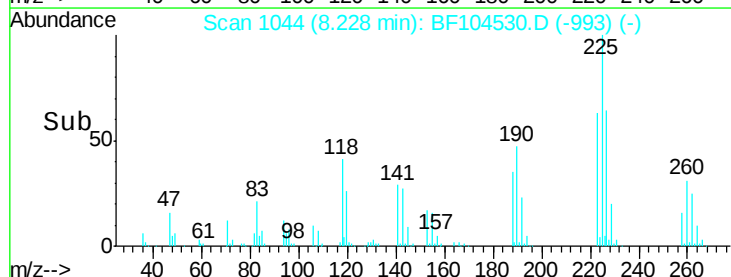
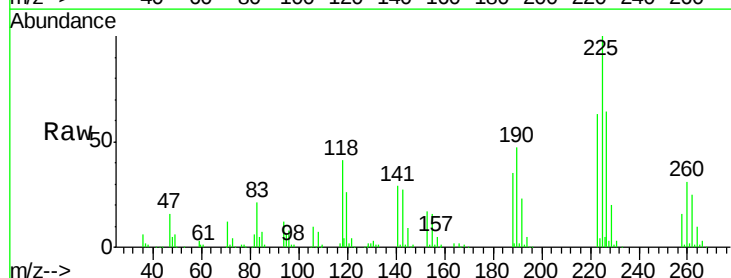
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#34
Hexachlorobutadiene
Concen: 42.805 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	64.4	51.9	77.9		





#35

Caprolactam

Concen: 44.676 ng/ml

RT: 8.55 min Scan# 1098

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

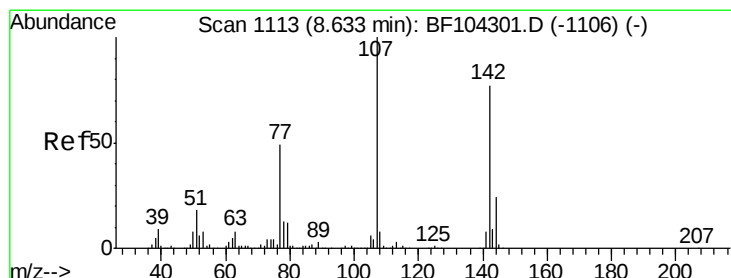
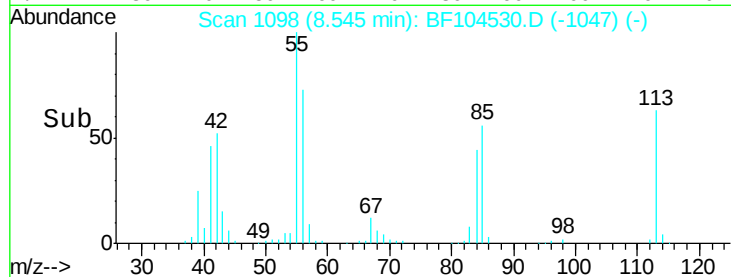
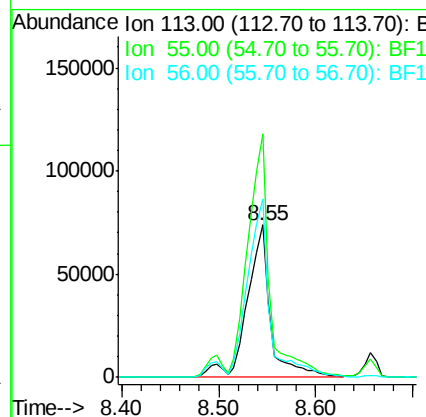
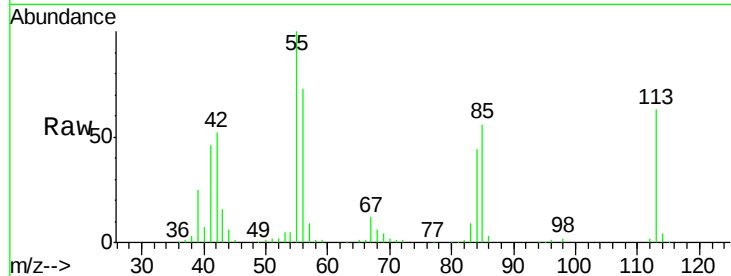
ClientSampleId :

PB108229BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.8	163.3	203.3#
56	117.0	115.7	155.7

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#36

4-Chloro-3-methylphenol

Concen: 45.987 ng/ml

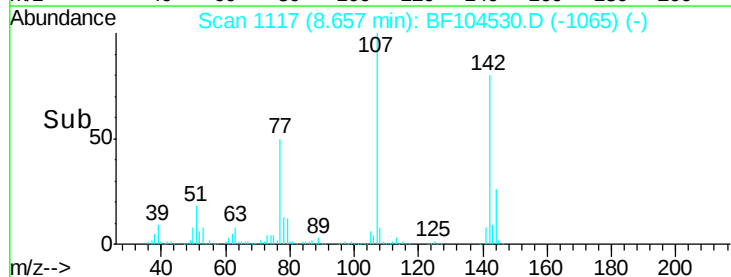
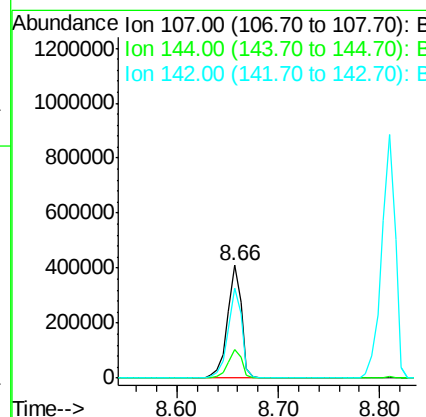
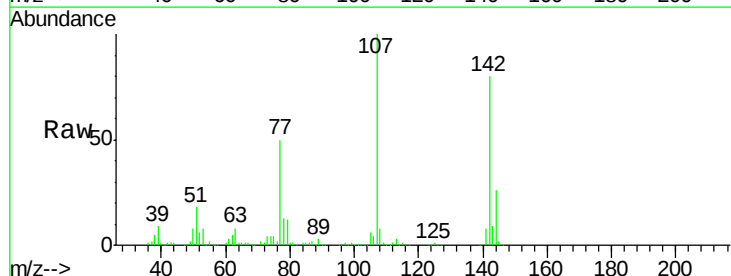
RT: 8.66 min Scan# 1117

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.5	20.5	30.7
142	79.5	62.0	93.0





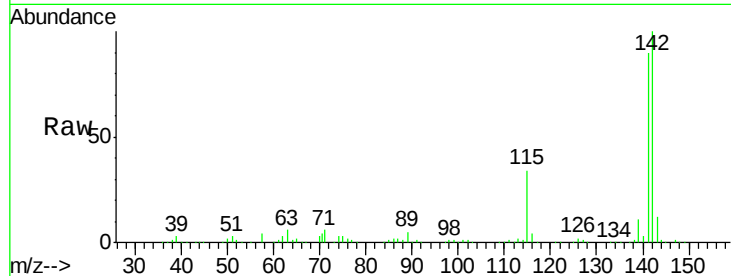
#37
2-Methylnaphthalene
Concen: 44.456 ng
RT: 8.81 min Scan# 1143
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

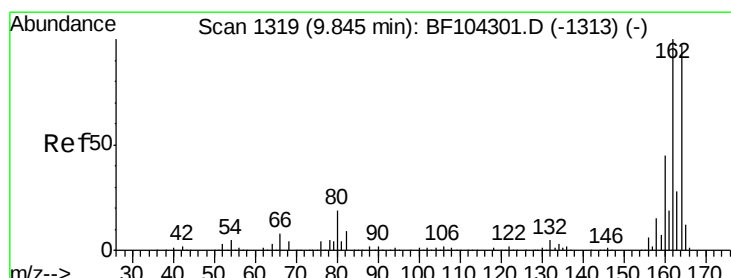
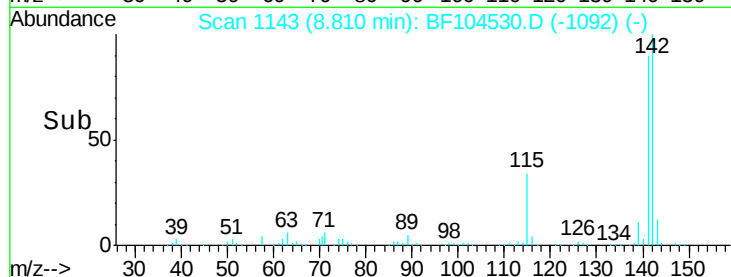
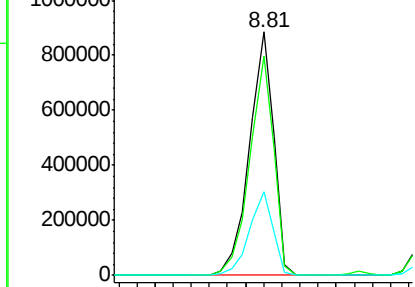
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.8	106.2
115	34.1	26.1	39.1

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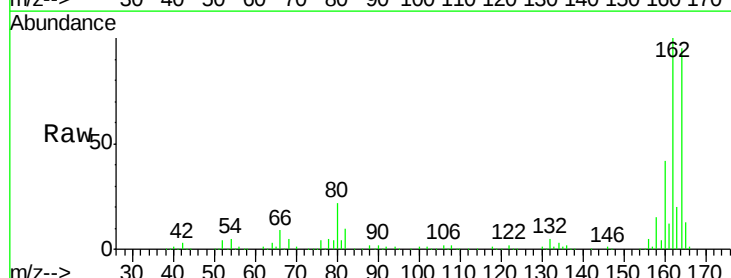


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

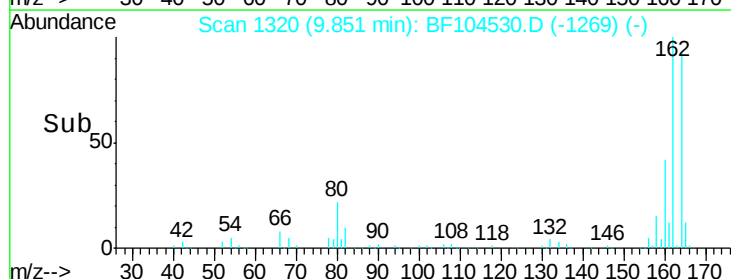
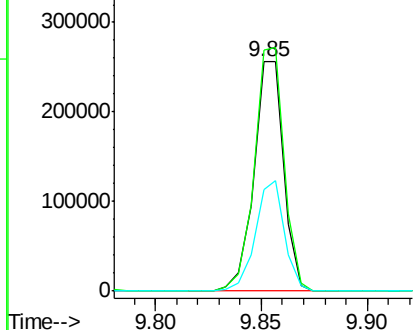


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	44.5	38.3	57.5



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





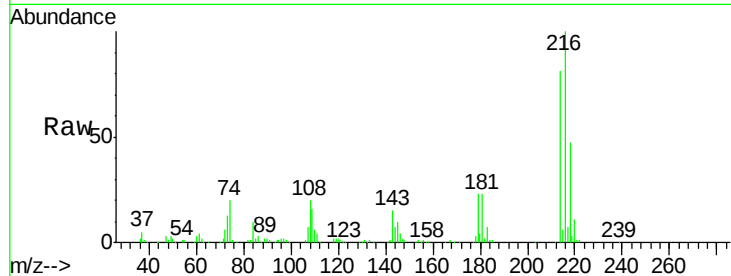
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.844 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

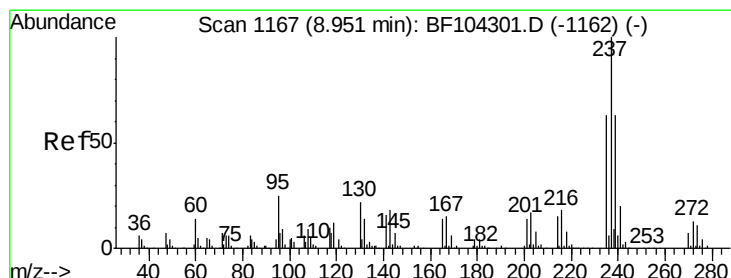
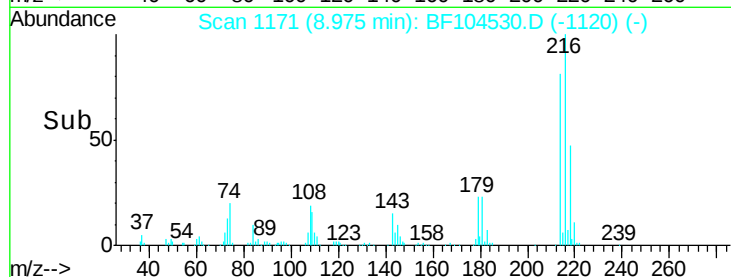
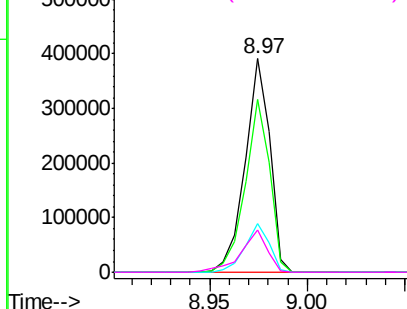
Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.8		63.0	94.4	
179	22.5		18.1	27.1	
108	20.7		17.2	25.8	

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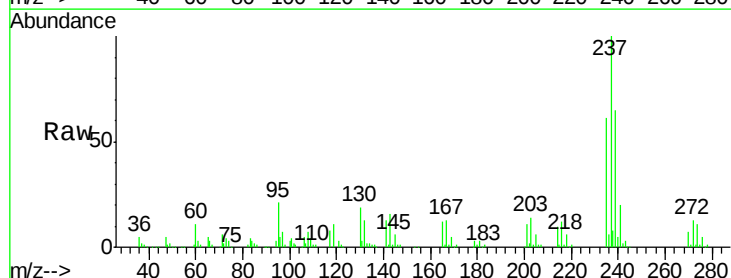


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

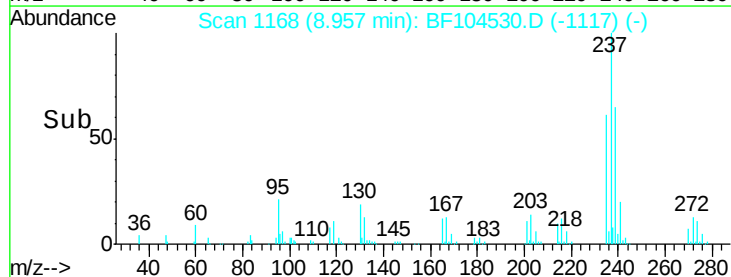
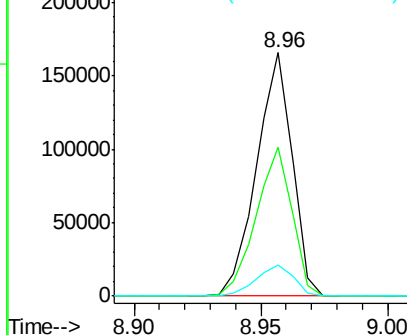


#40
 Hexachlorocyclopentadiene
 Concen: 40.164 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	61.2		44.8	84.8	
272	13.0		0.0	33.3	



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





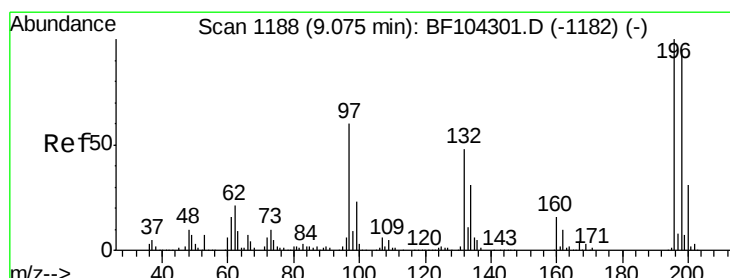
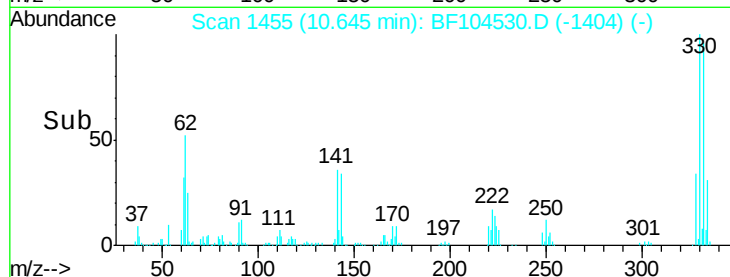
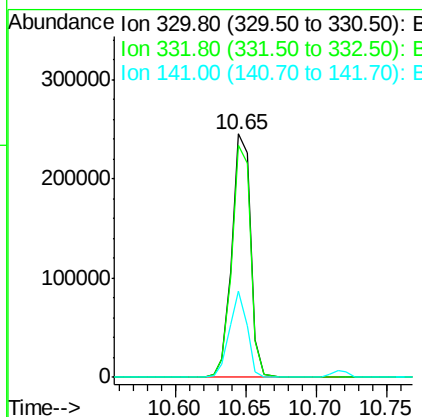
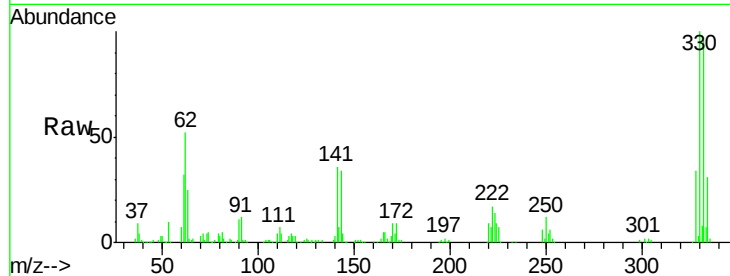
#41
 2,4,6-Tribromophenol
 Concen: 87.219 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	227794		
332	95.4	77.0	115.6	
141	33.4	29.9	44.9	

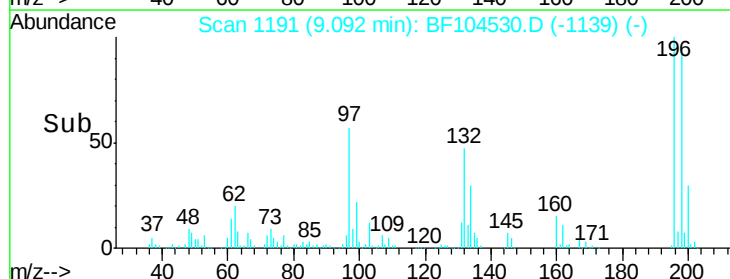
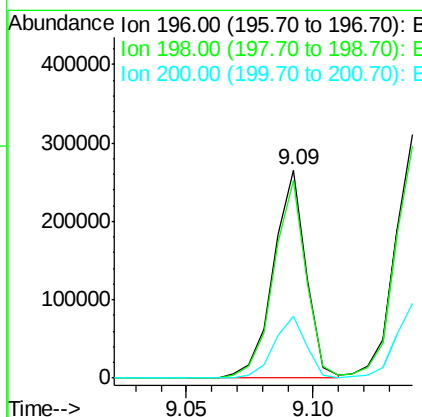
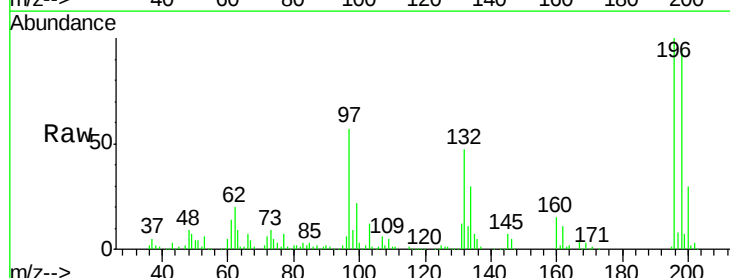
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#42
 2,4,6-Trichlorophenol
 Concen: 47.896 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	239631		
198	94.8	75.7	113.5	
200	29.8	24.5	36.7	





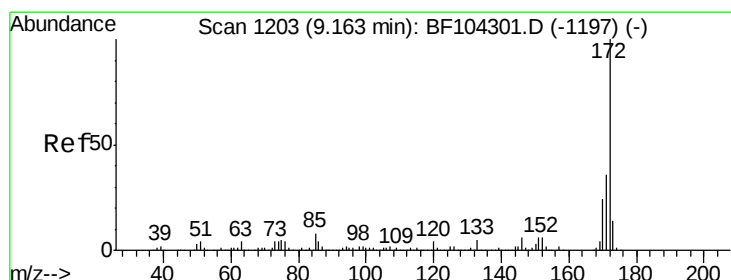
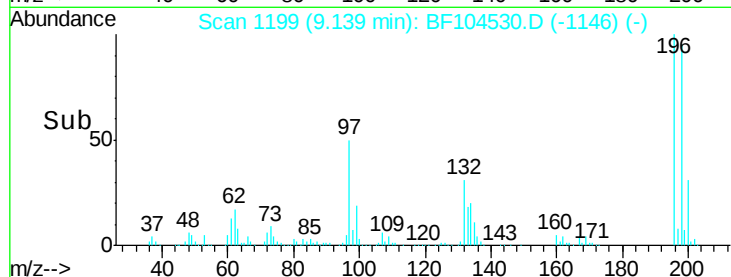
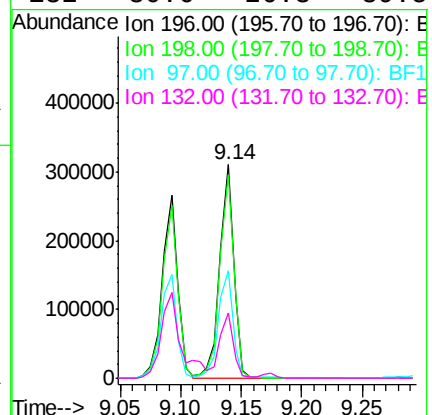
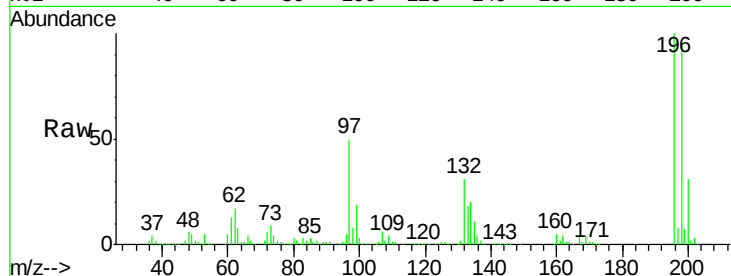
#43
 2,4,5-Trichlorophenol
 Concen: 44.679 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		250148		
198	95.2		74.6	112.0	
97	50.2		42.9	64.3	
132	30.6		26.3	39.5	

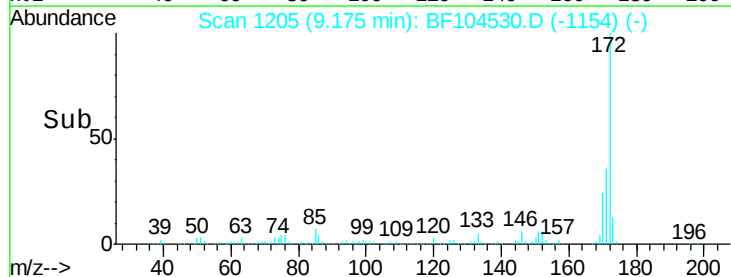
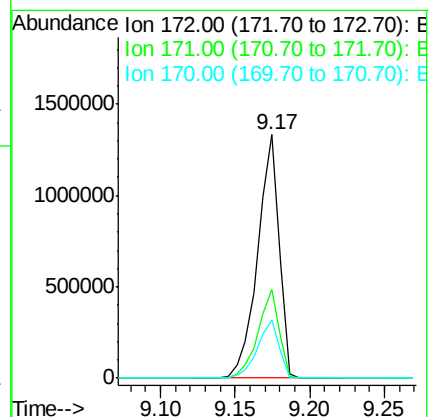
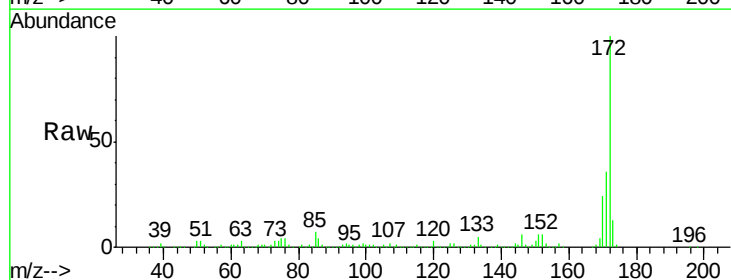
Manual Integrations
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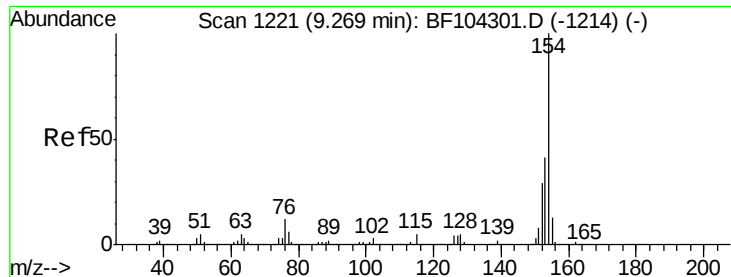
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#44
 2-Fluorobiphenyl
 Concen: 82.554 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1315718		
171	36.5		29.7	44.5	
170	23.9		19.6	29.4	





#45

1,1'-Biphenyl

Concen: 44.695 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

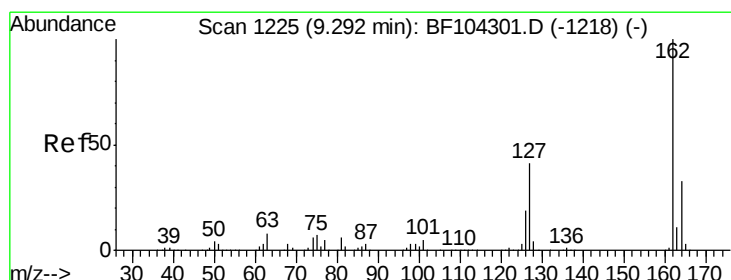
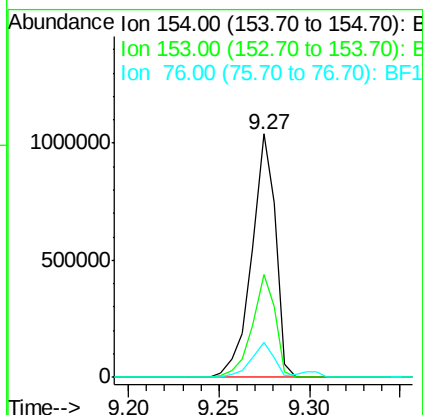
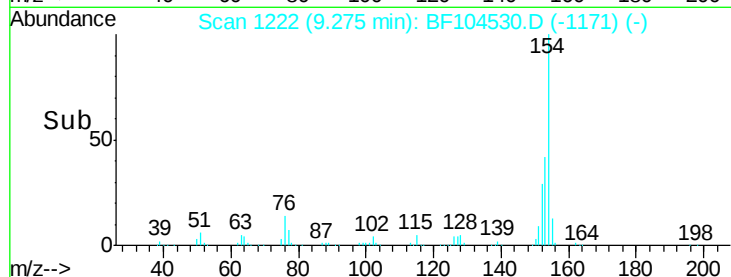
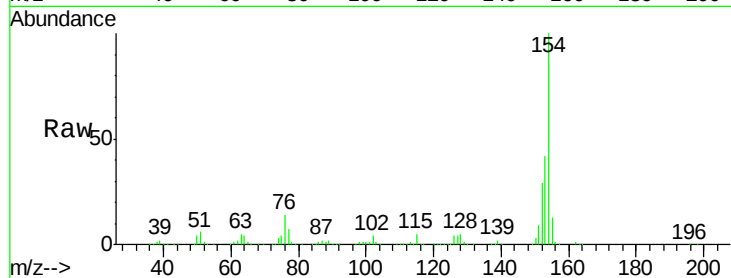
ClientSampled :

PB108229BSD

Tot Ion:	154	Resp:	945346
Ion Ratio	Lower	Upper	
154	100		
153	42.1	21.3	61.3
76	14.3	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 44.821 ng

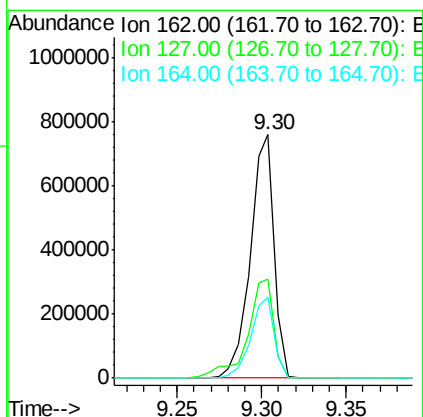
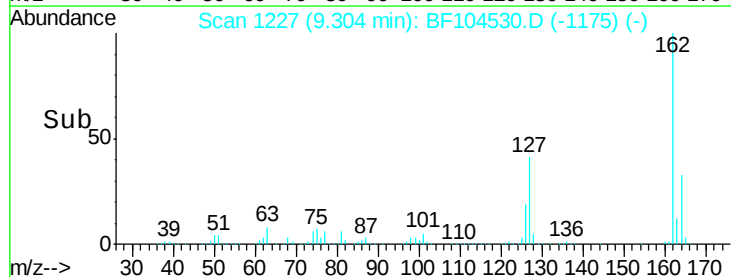
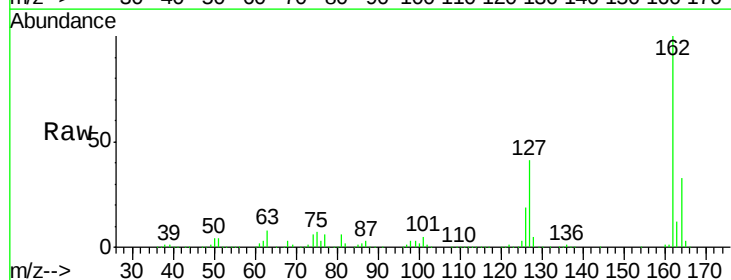
RT: 9.30 min Scan# 1227

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	162	Resp:	748808
Ion Ratio	Lower	Upper	
162	100		
127	40.6	33.9	50.9
164	33.4	26.5	39.7





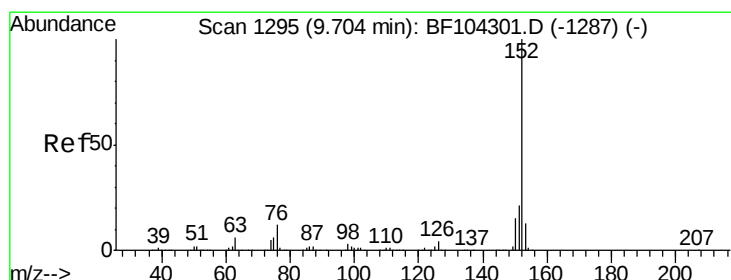
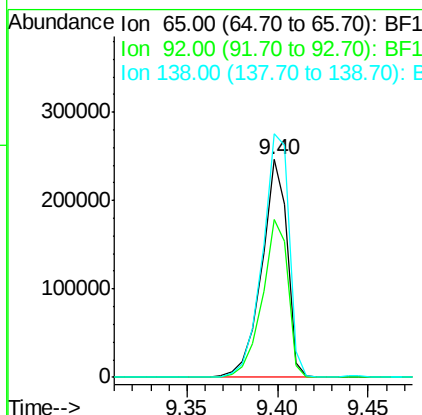
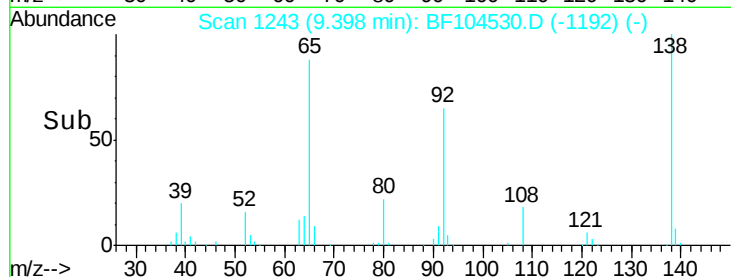
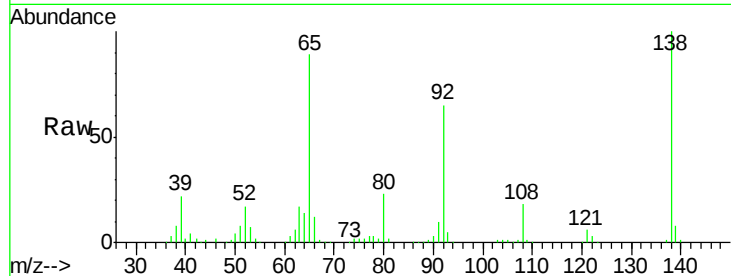
#47
 2-Nitroaniline
 Concen: 58.231 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion:	65	Resp:	240585
Ion Ratio	Lower	Upper	
65	100		
92	72.5	55.8	83.6
138	111.9	91.2	136.8

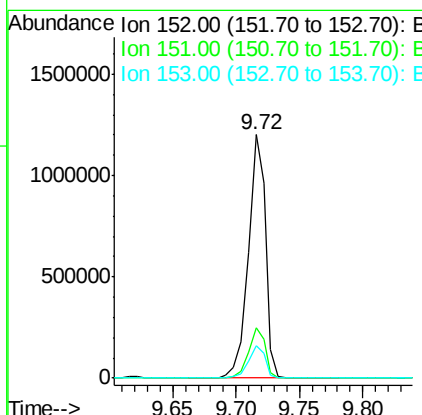
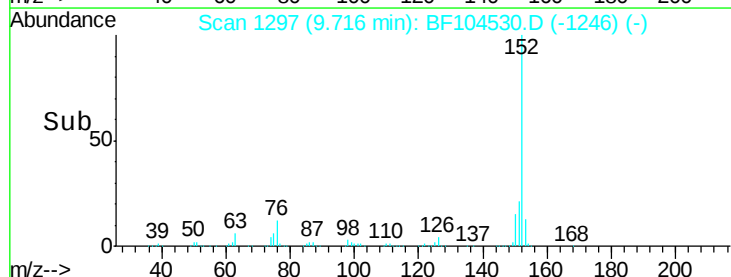
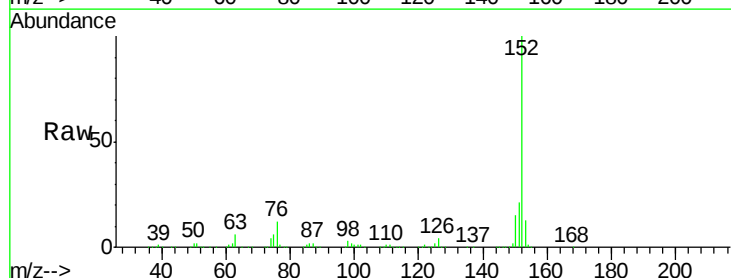
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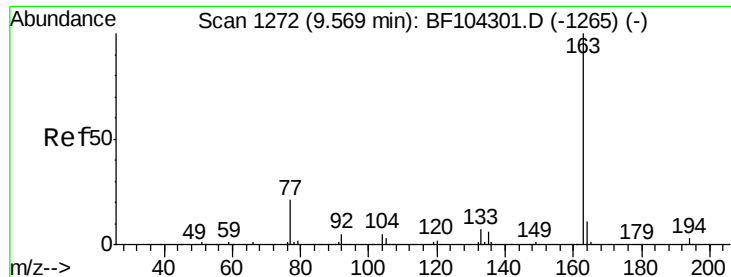
Sohil
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#48
 Acenaphthylene
 Concen: 42.894 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:	152	Resp:	1124340
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.3	24.5
153	13.4	10.7	16.1





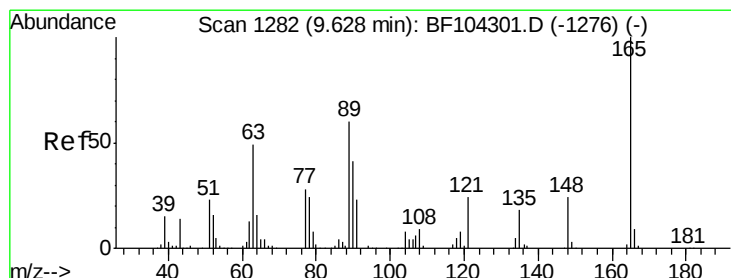
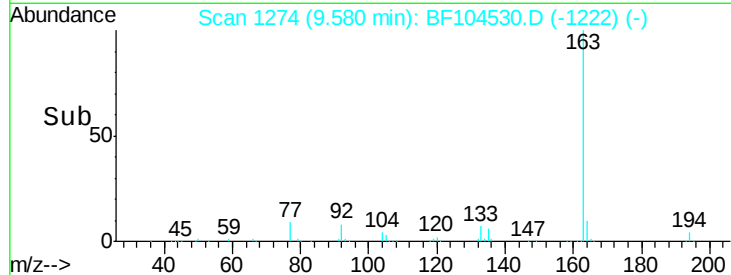
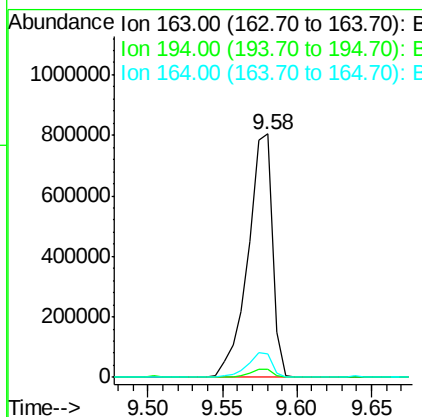
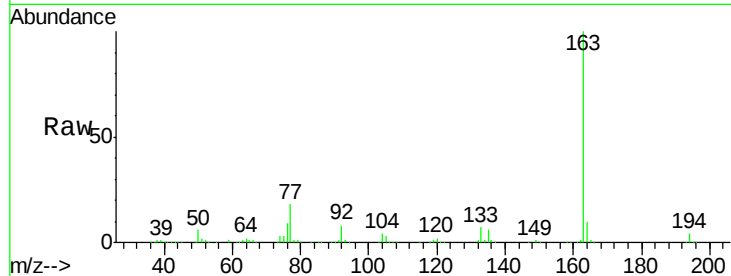
#49
Dimethylphthalate
Concen: 45.918 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100	911671		
194	3.5	2.7	4.1	
164	9.8	8.2	12.2	

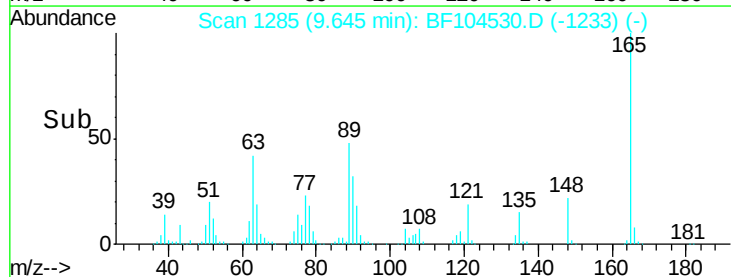
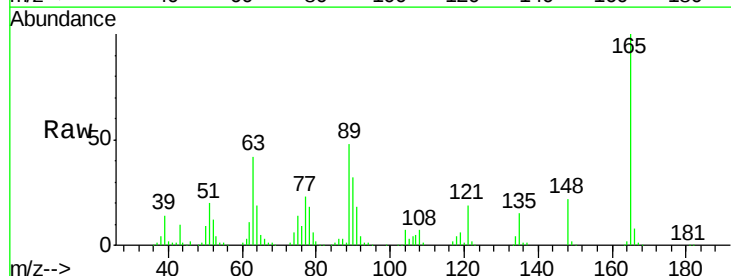
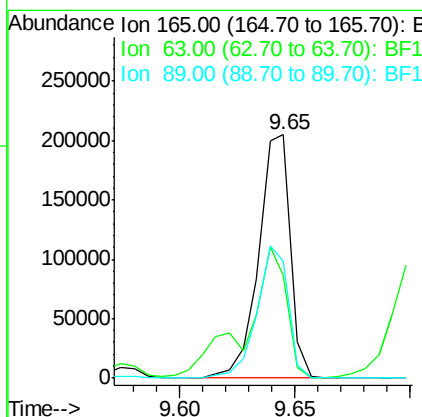
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#50
2,6-Dinitrotoluene
Concen: 53.412 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	196226		
63	42.4	44.7	67.1#	
89	48.2	44.0	66.0	





#51

Acenaphthene

Concen: 40.859 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

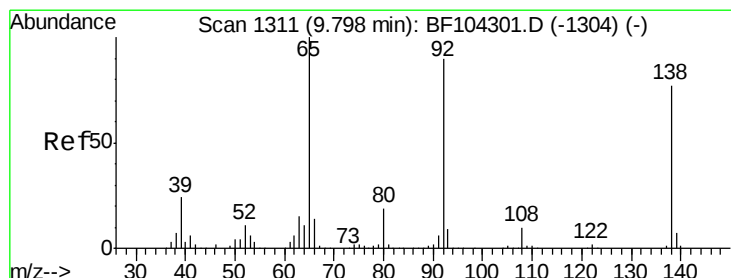
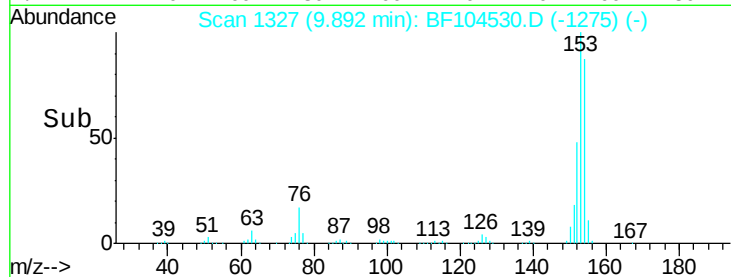
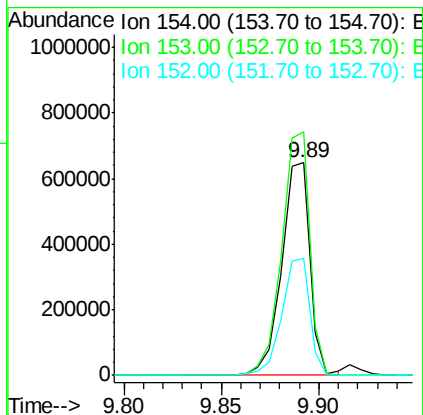
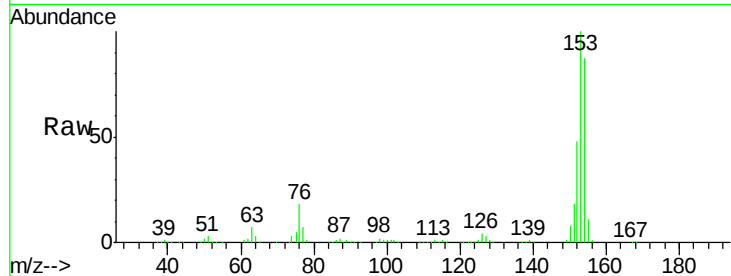
ClientSampleId :

PB108229BSD

Tot Ion:	154	Resp:	653461
Ion Ratio	Lower	Upper	
154	100		
153	114.6	91.2	136.8
152	54.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 40.516 ng

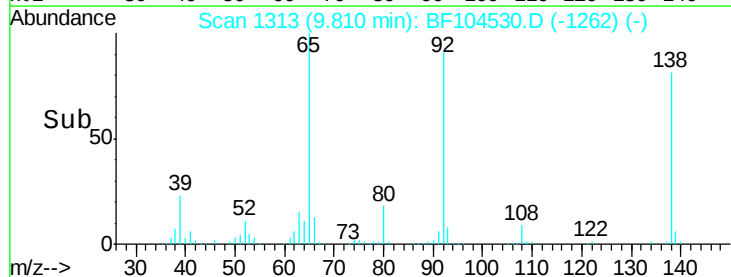
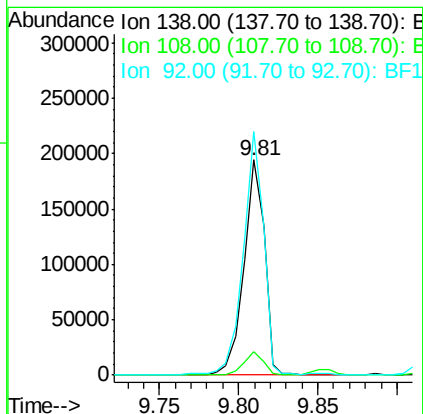
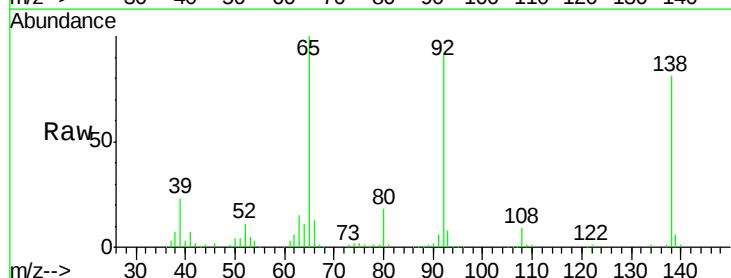
RT: 9.81 min Scan# 1313

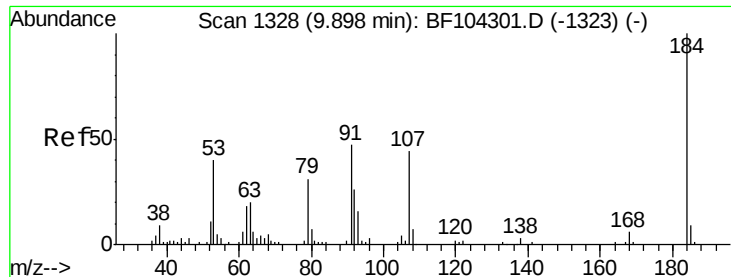
Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	138	Resp:	174259
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	113.3	89.4	134.2





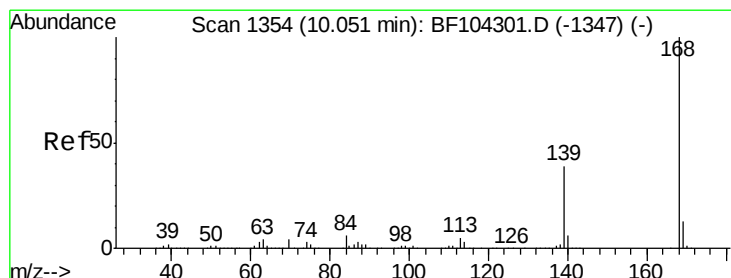
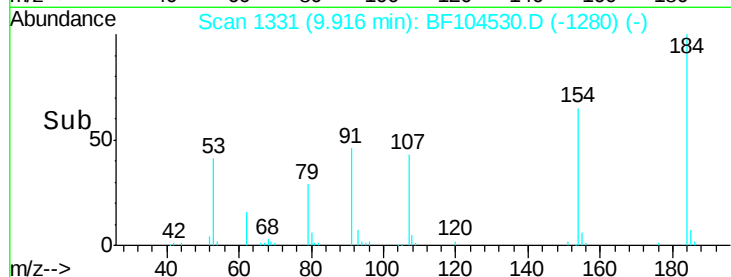
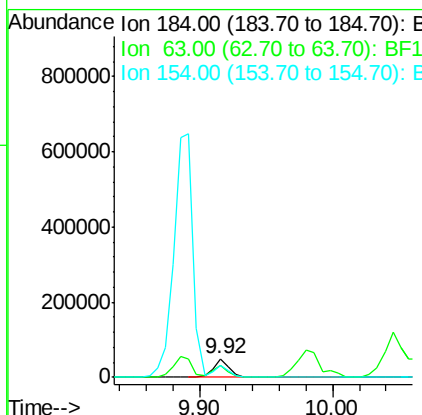
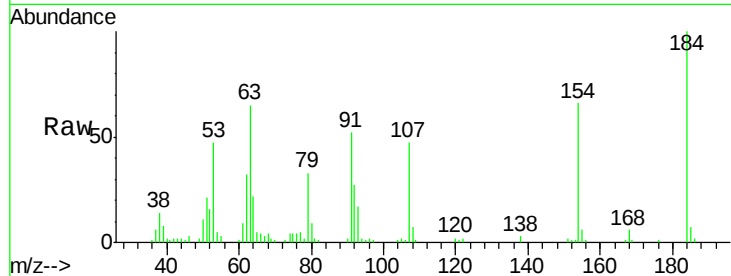
#53
 2,4-Dinitrophenol
 Concen: 38.164 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion:184 Resp: 42029
 Ion Ratio Lower Upper
 184 100
 63 64.7 54.2 81.2
 154 65.8 184.0 276.0#

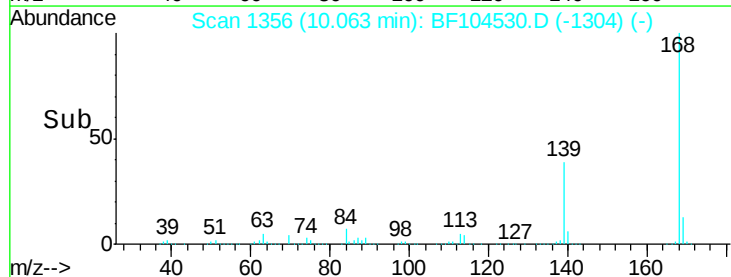
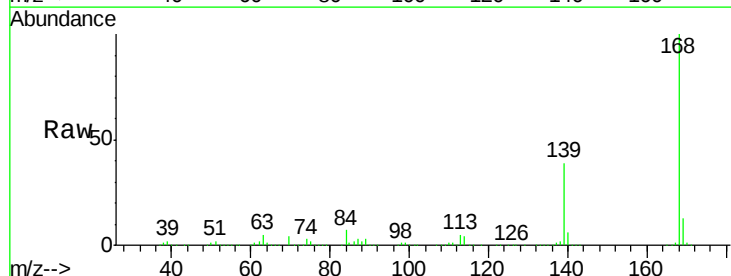
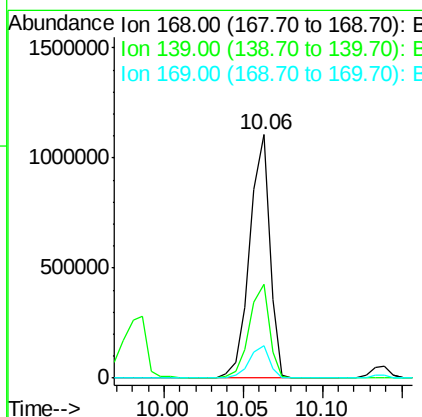
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#54
 Dibenzofuran
 Concen: 43.793 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion:168 Resp: 976041
 Ion Ratio Lower Upper
 168 100
 139 38.8 30.1 45.1
 169 13.4 10.9 16.3





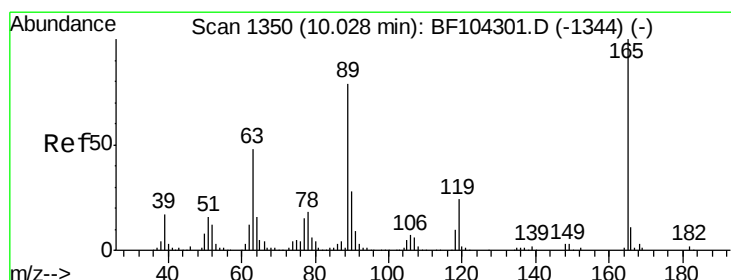
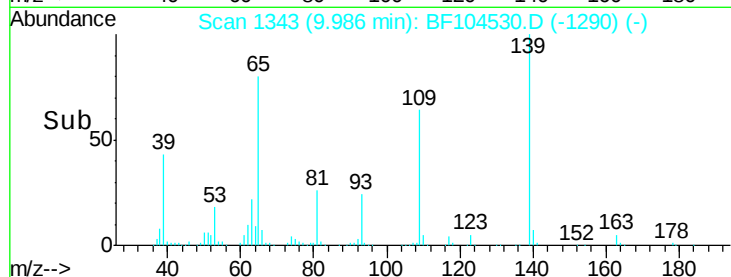
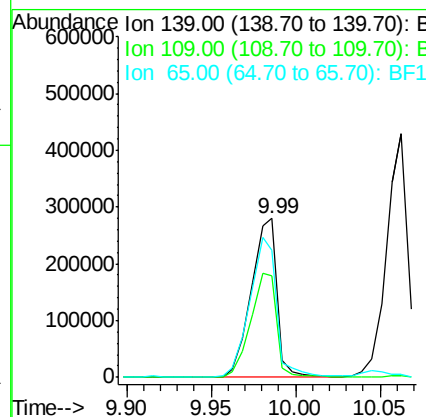
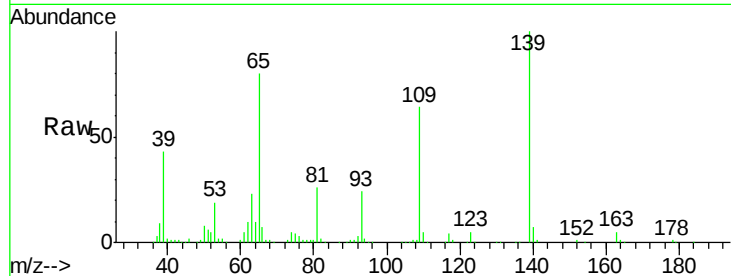
#55
4-Nitrophenol
Concen: 88.998 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	300685		
109	63.5	48.4	88.4	
65	79.9	72.6	112.6	

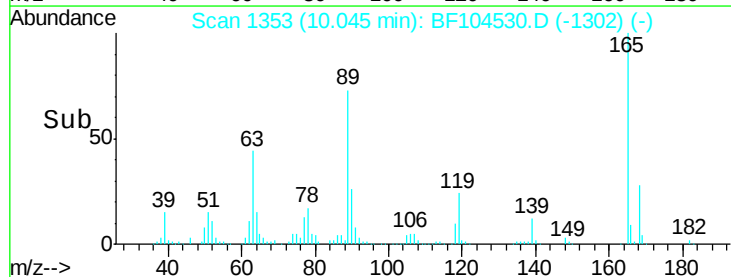
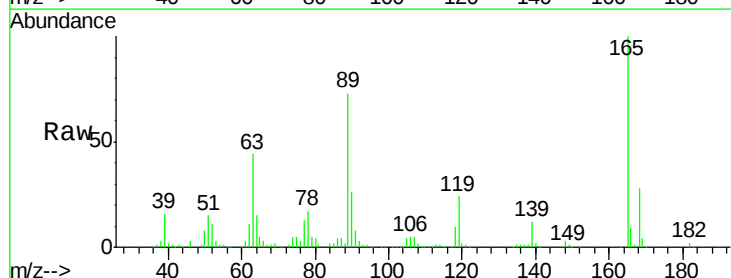
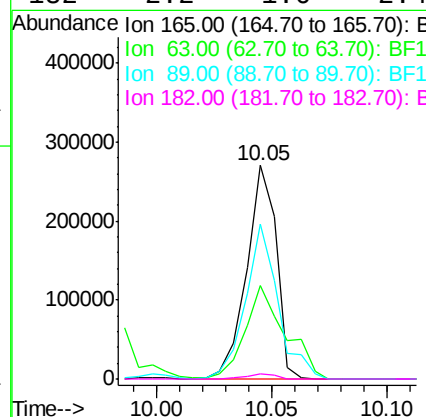
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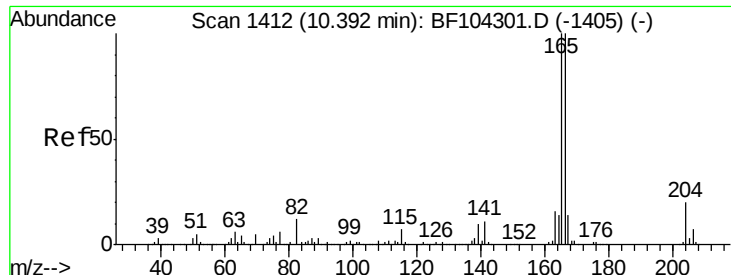
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#56
2,4-Dinitrotoluene
Concen: 50.671 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	244185		
63	43.9	36.4	54.6	
89	72.6	57.8	86.6	
182	2.2	1.6	2.4	





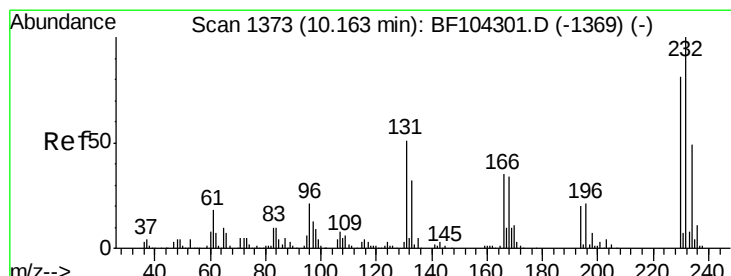
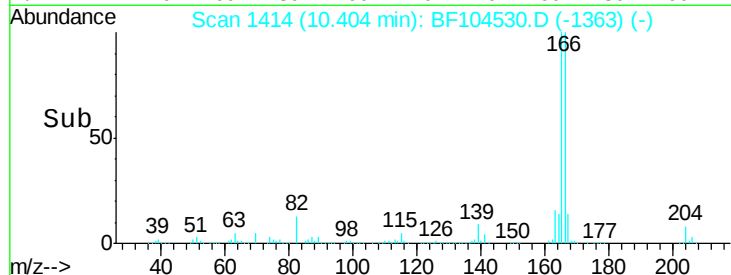
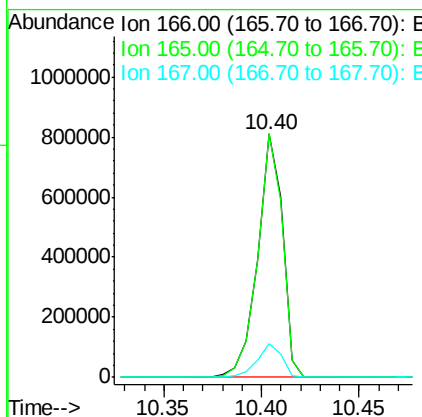
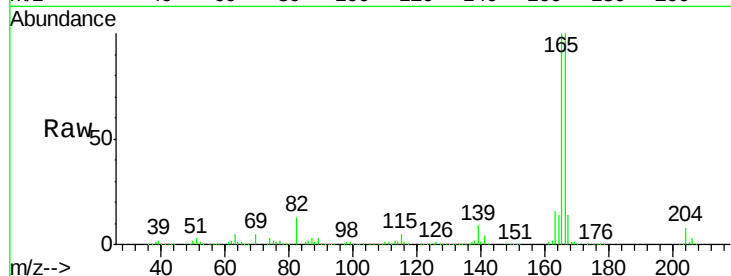
#57
 Fluorene
 Concen: 44.010 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.1	79.8	119.8	
167	13.9	10.6	16.0	

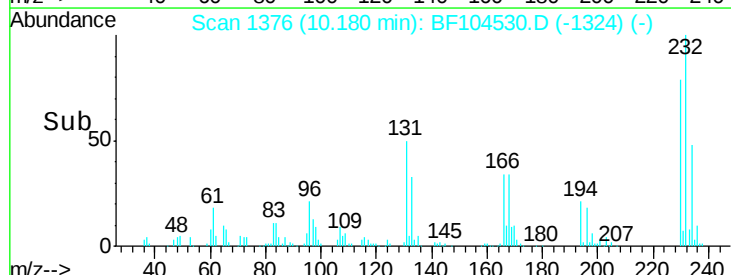
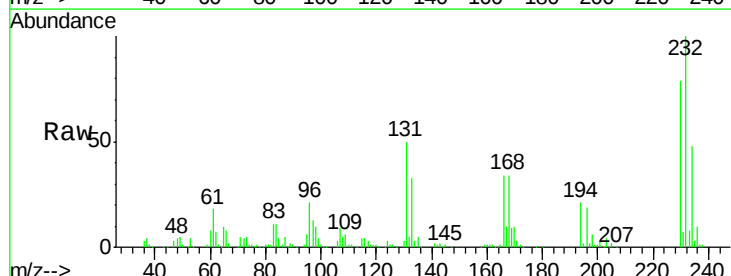
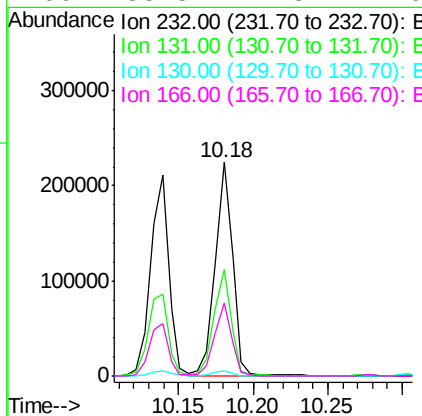
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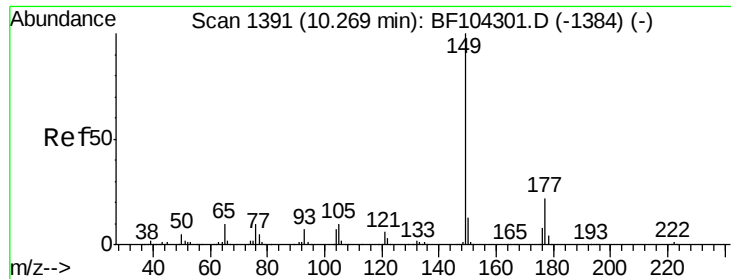
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.097 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.2	43.8	65.8	
130	2.6	2.1	3.1	
166	33.5	27.8	41.6	





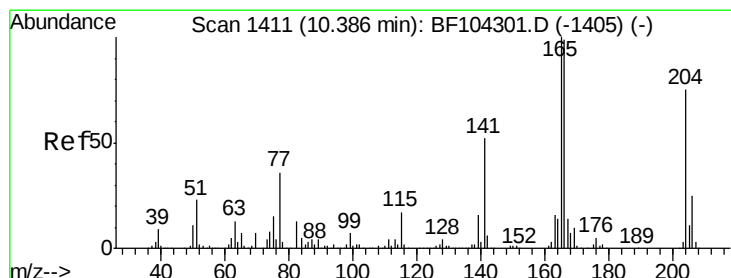
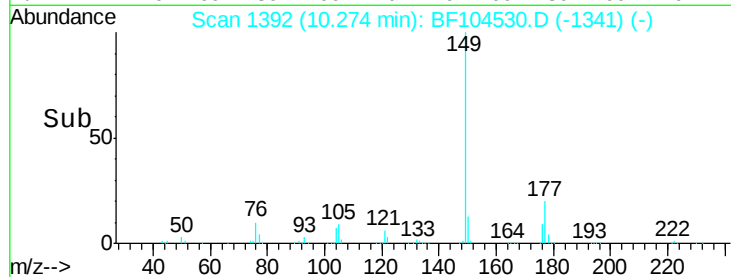
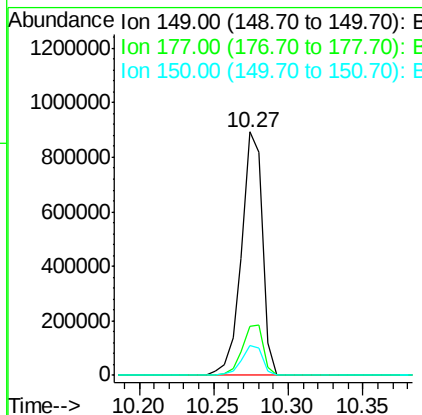
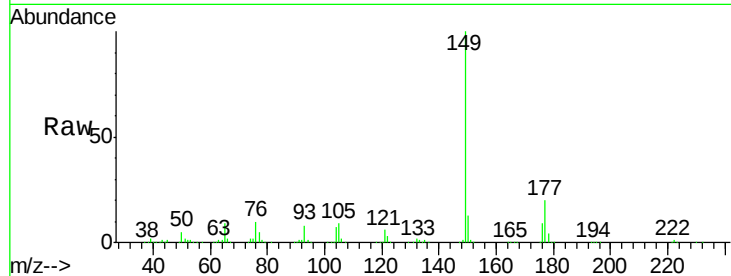
#59
Diethylphthalate
Concen: 43.880 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.4	16.1	24.1
150	12.5	10.1	15.1

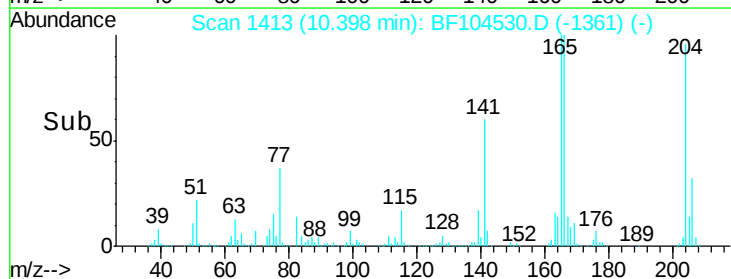
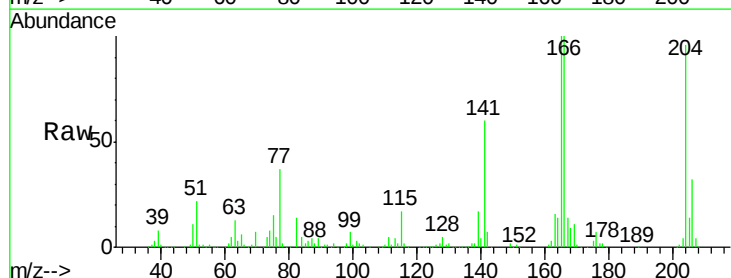
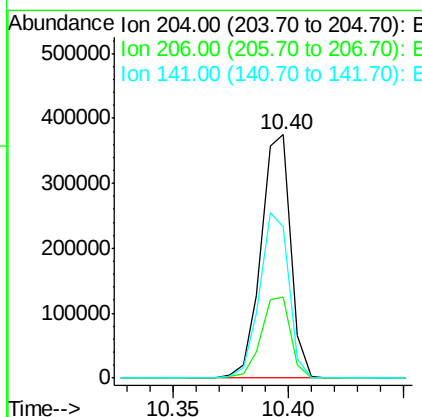
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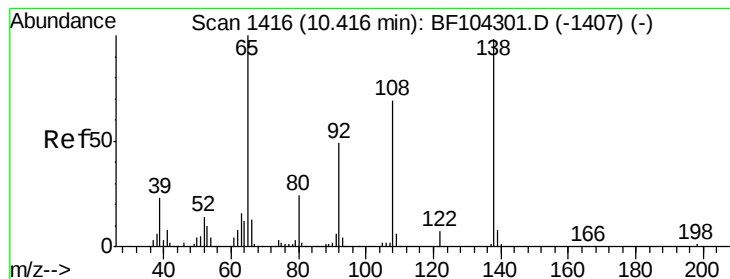
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#60
4-Chlorophenyl-phenylether
Concen: 46.495 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	62.1	54.6	81.8





#61

4-Nitroaniline

Concen: 46.758 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

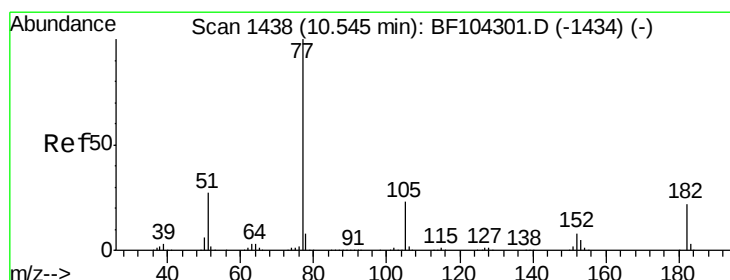
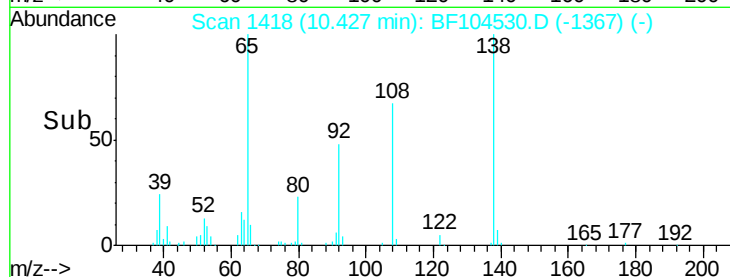
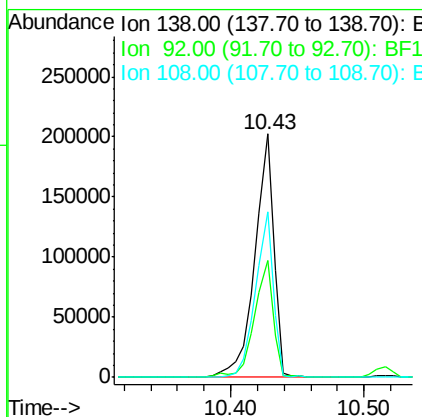
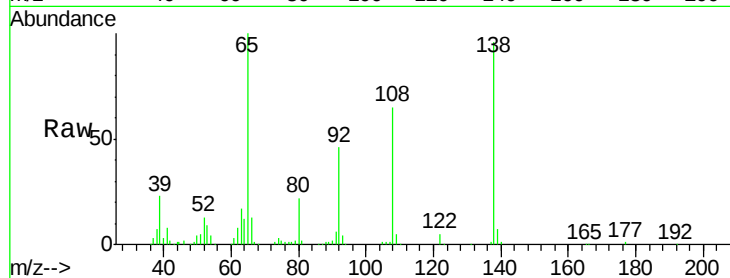
ClientSampled :

PB108229BSD

Tot Ion:	138	Resp:	196637
Ion Ratio	Lower	Upper	
138	100		
92	48.2	30.2	70.2
108	67.9	52.5	92.5

Manual Integrations
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#62

Azobenzene

Concen: 42.388 ng

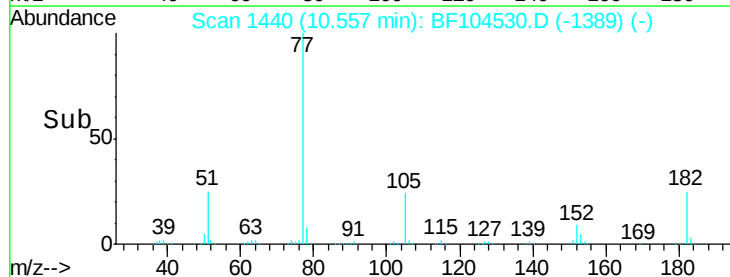
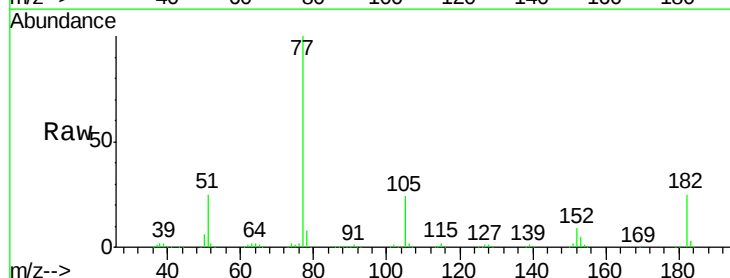
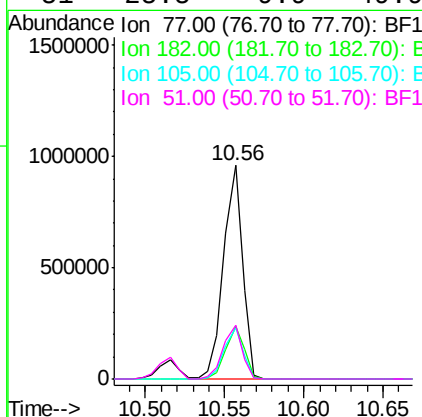
RT: 10.56 min Scan# 1440

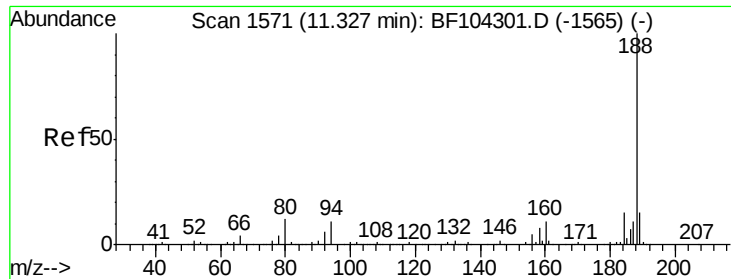
Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	77	Resp:	800782
Ion Ratio	Lower	Upper	
77	100		
182	24.6	1.7	41.7
105	24.1	3.0	43.0
51	25.5	9.9	49.9





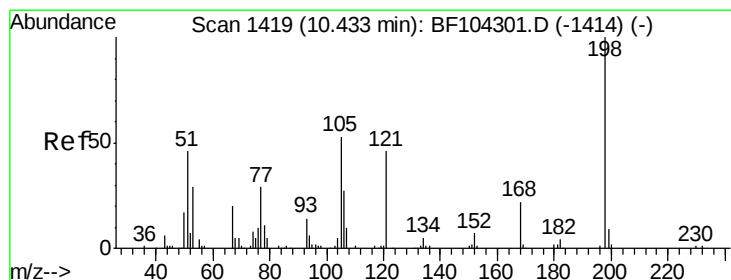
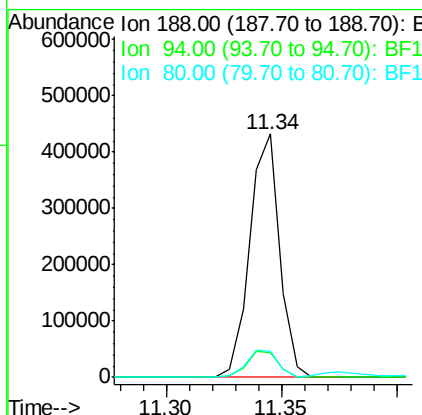
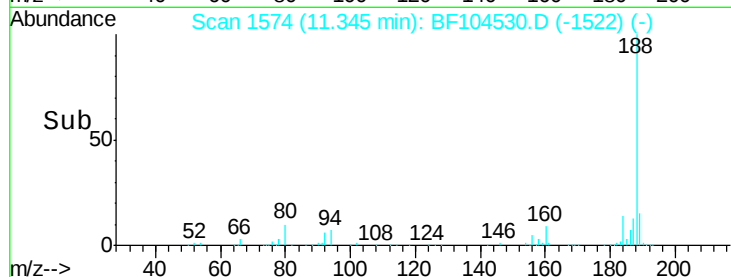
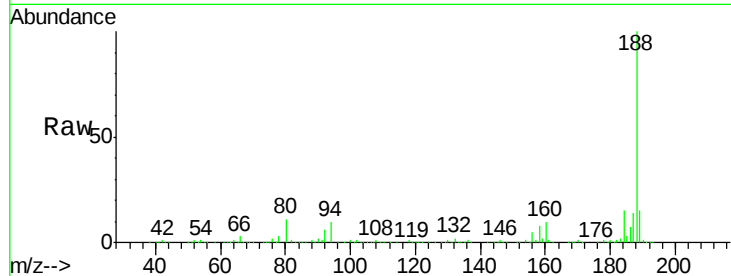
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	10.3	8.5	12.7
80	10.9	9.2	13.8

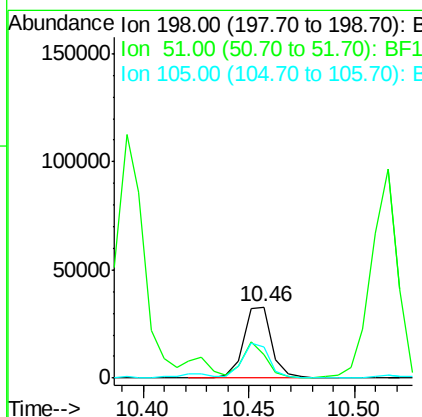
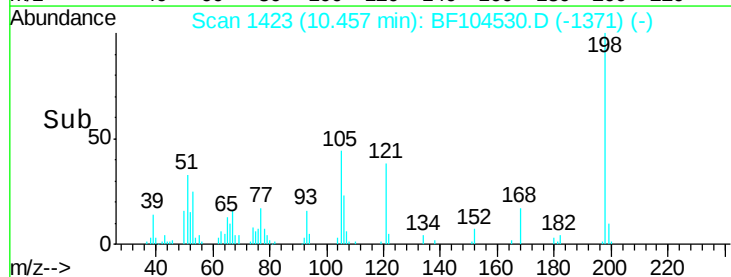
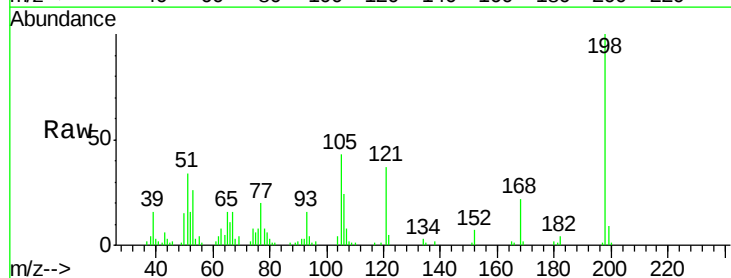
Manual Integrations
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#64
4,6-Dinitro-2-methylphenol
Concen: 20.804 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	33.8	37.7	77.7#
105	42.9	36.3	76.3





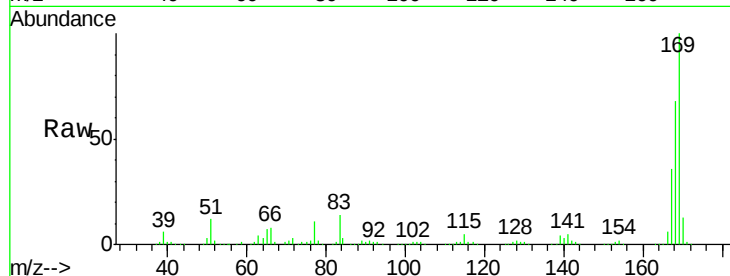
#65
n-Nitrosodiphenylamine
Concen: 50.011 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	678717		
168	68.0		54.4	81.6
167	36.4		29.8	44.6

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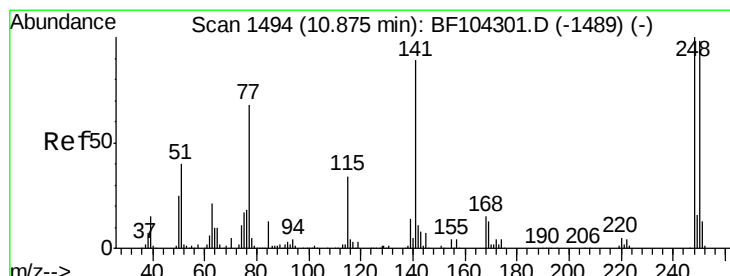
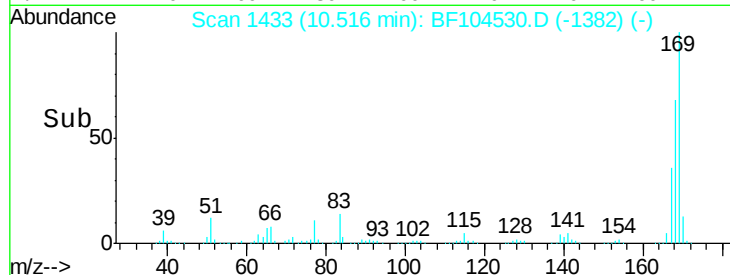
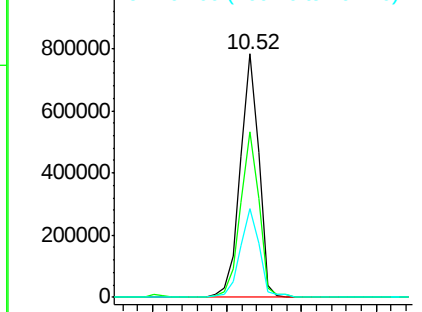


Abundance

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: 50.104 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

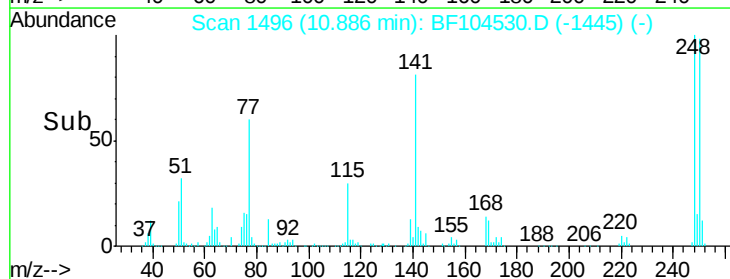
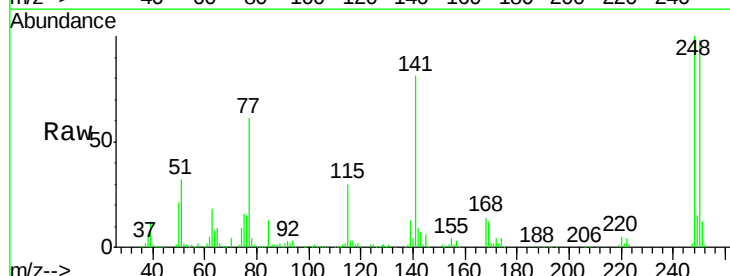
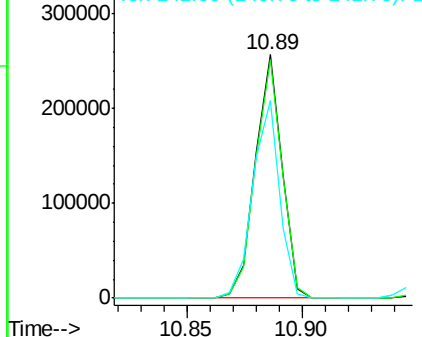
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	208604		
250	98.0		76.9	115.3
141	81.1		74.4	111.6

Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 45.517 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

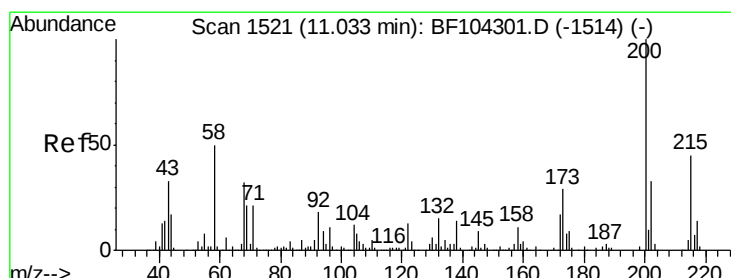
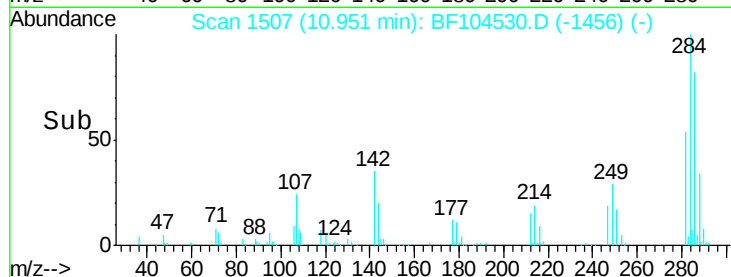
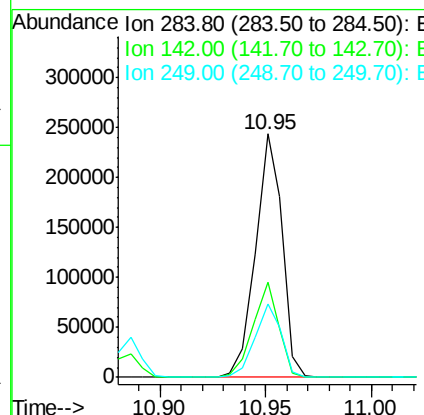
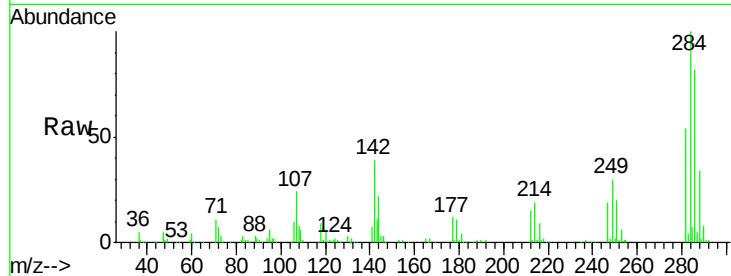
ClientSampleId :

PB108229BSD

Tot Ion:	284	Resp:	213235
Ion Ratio	Lower	Upper	
284	100		
142	39.1	34.6	52.0
249	30.1	24.8	37.2

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#68

Atrazine

Concen: 50.346 ng

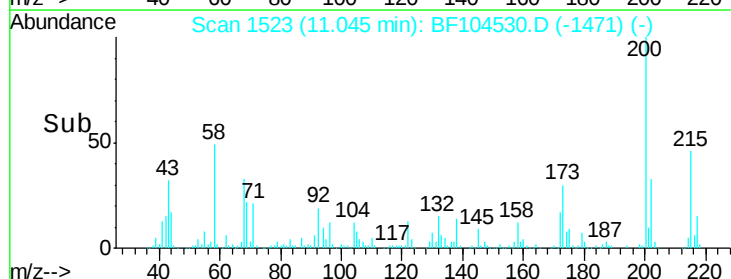
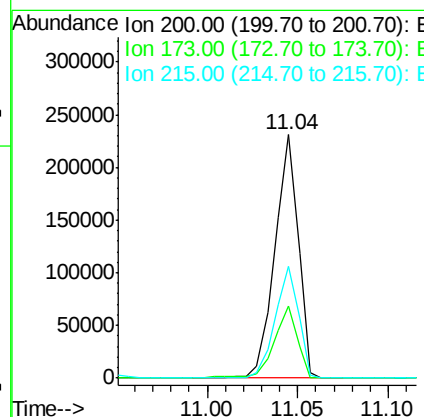
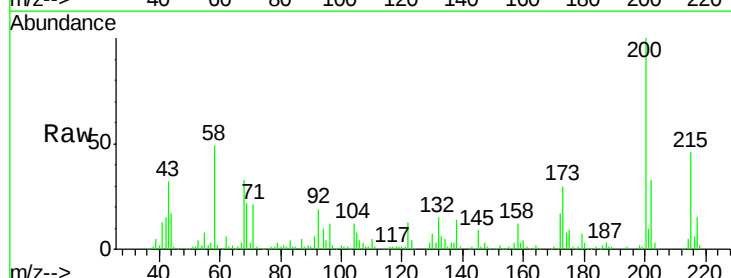
RT: 11.04 min Scan# 1523

Delta R.T. 0.01 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tgt Ion:	200	Resp:	206240
Ion Ratio	Lower	Upper	
200	100		
173	29.7	8.6	48.6
215	46.0	25.1	65.1





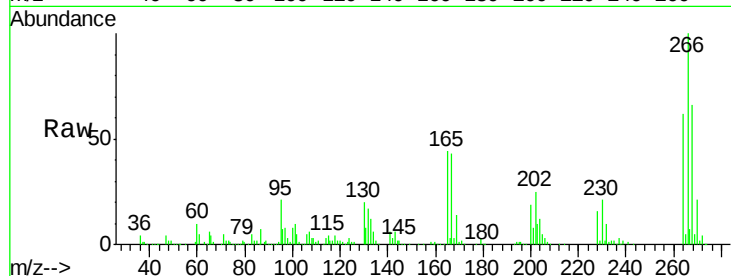
#69
 Pentachlorophenol
 Concen: 66.597 ng
 RT: 11.15 min Scan# 1541
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

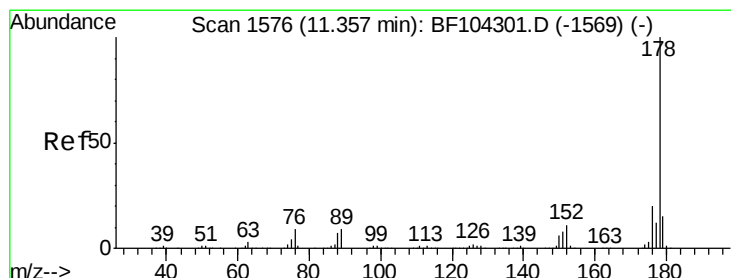
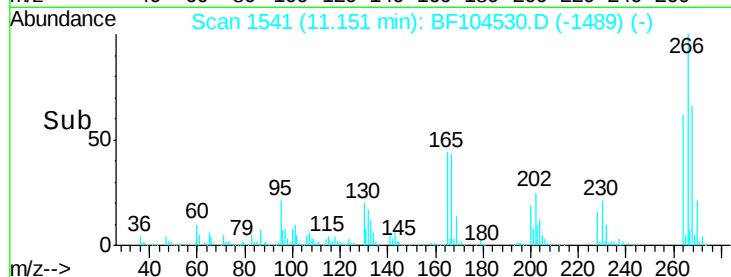
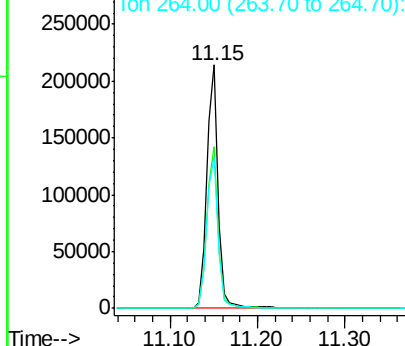
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.1	76.7
264	62.2	49.5	74.3

Manual Integrations
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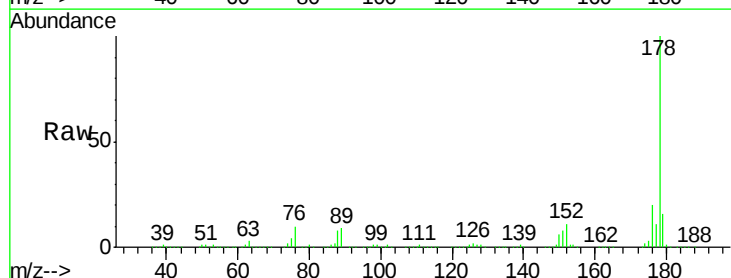


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

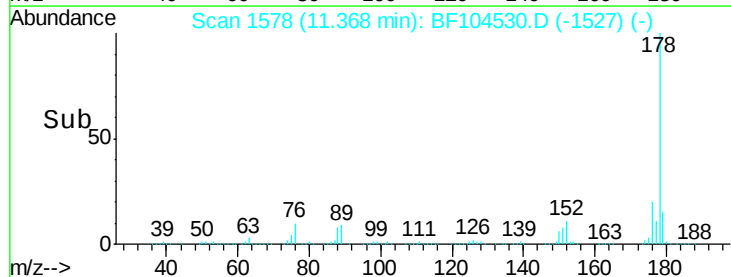
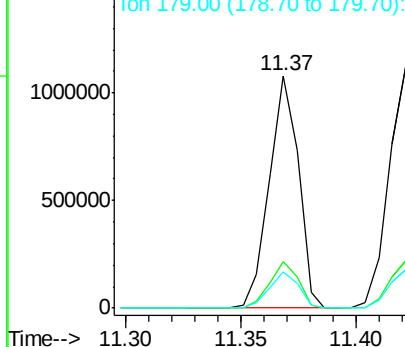


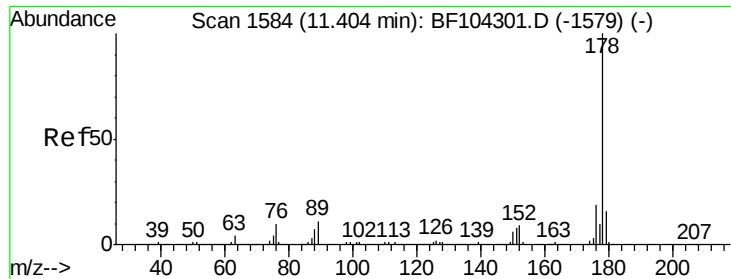
#70
 Phenanthrene
 Concen: 43.727 ng
 RT: 11.37 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.6	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





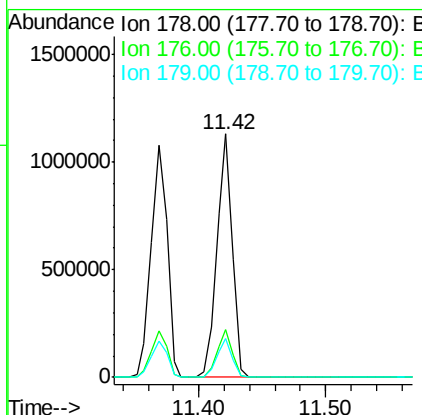
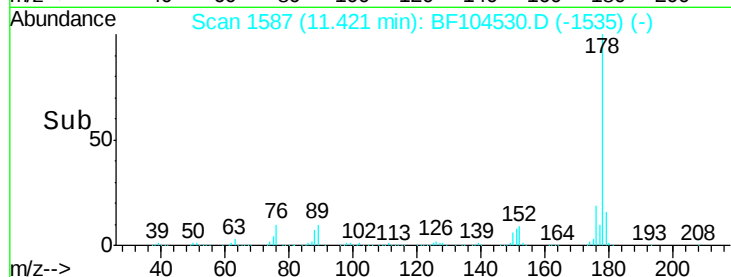
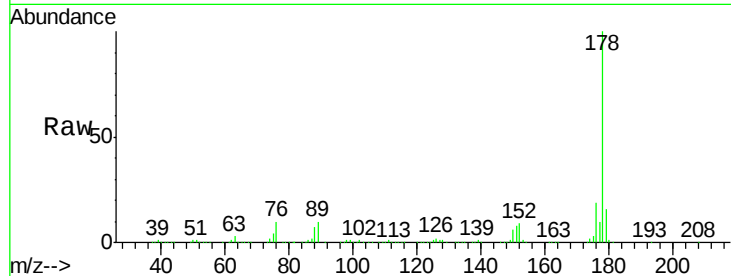
#71
 Anthracene
 Concen: 43.936 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.9	12.6	19.0

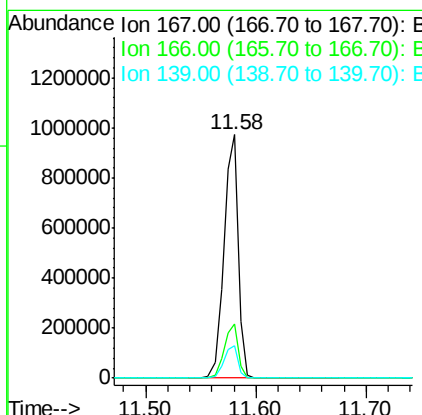
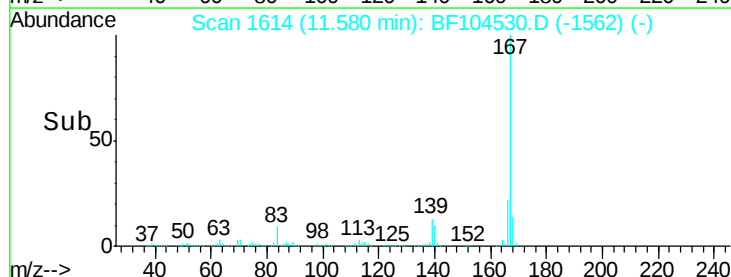
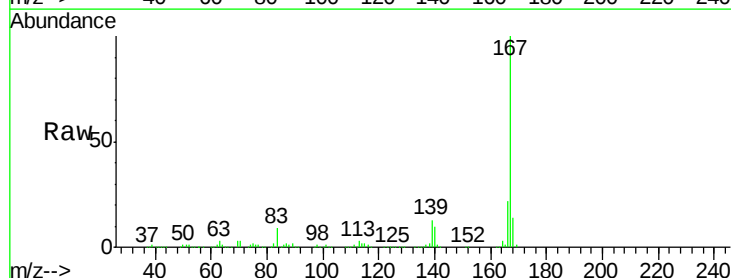
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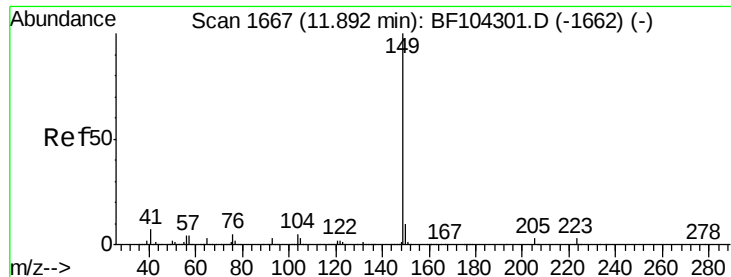
Sohil
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#72
 Carbazole
 Concen: 40.413 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.5	10.9	16.3





#73

Di-n-butylphthalate

Concen: 46.222 ng

RT: 11.90 min Scan# 1669

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

ClientSampleId :

PB108229BSD

Tot Ion:149 Resp: 1222514

Ion Ratio Lower Upper

149 100

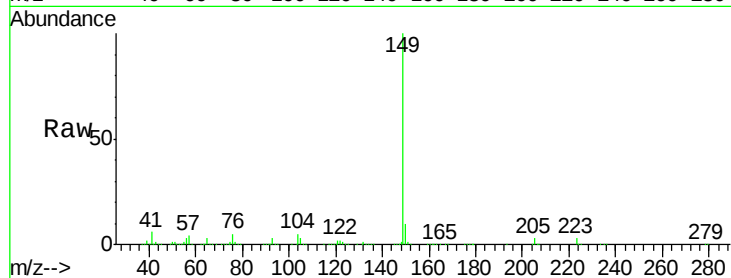
150 9.5 7.8 11.6

104 4.8 3.8 5.8

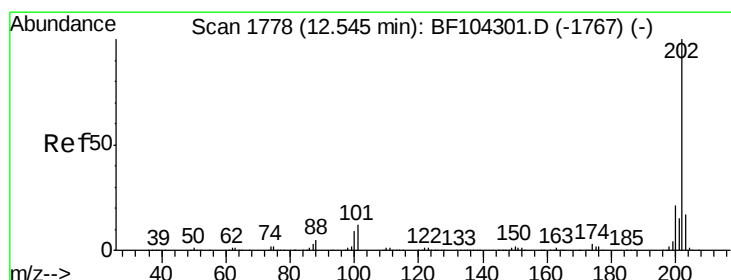
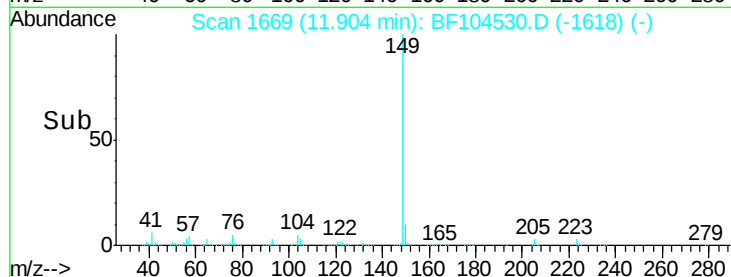
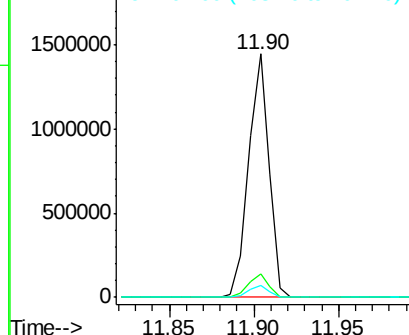
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.452 ng

RT: 12.56 min Scan# 1780

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

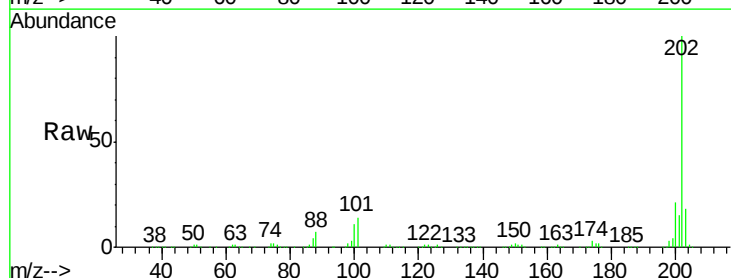
Tgt Ion:202 Resp: 852932

Ion Ratio Lower Upper

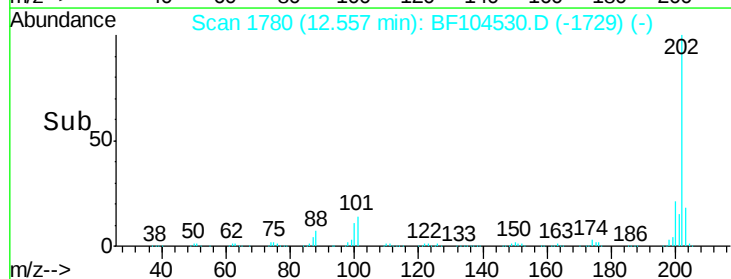
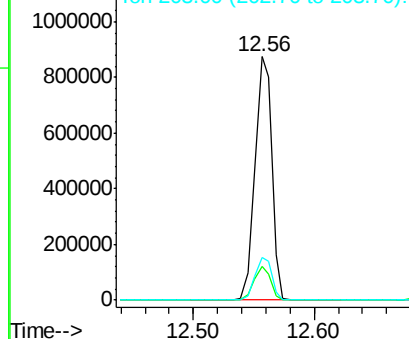
202 100

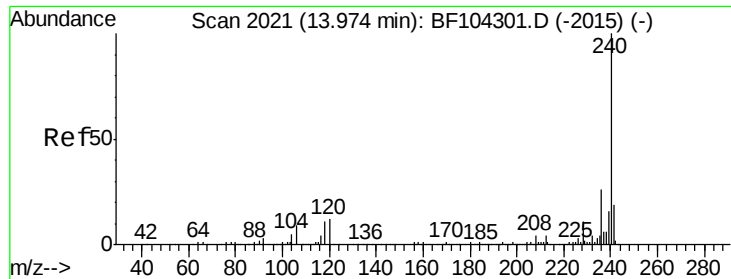
101 13.9 0.0 34.1

203 17.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
1200000
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Instrument :

BNA_F

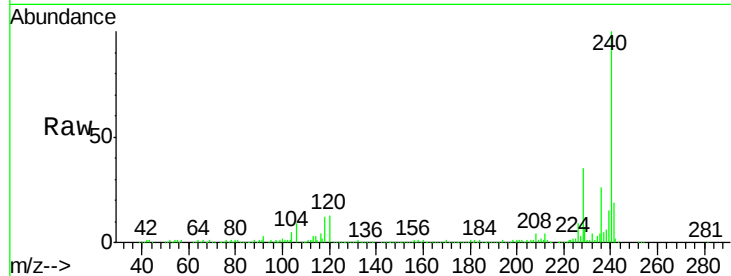
ClientSampleId :

PB108229BSD

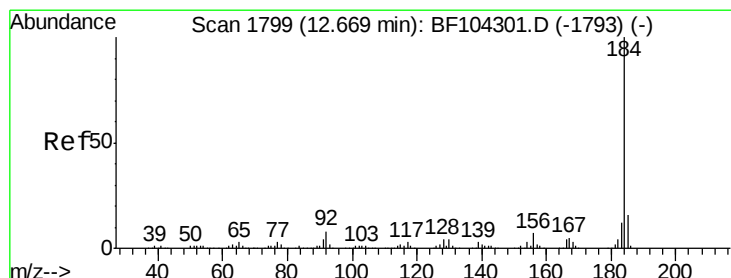
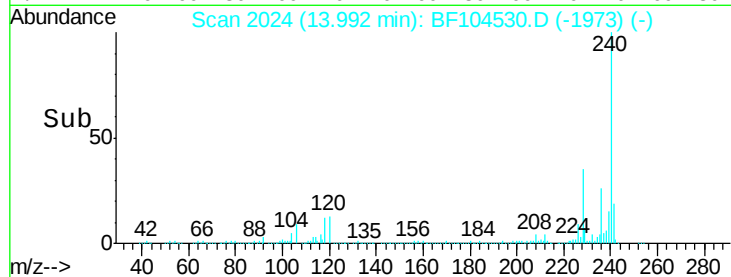
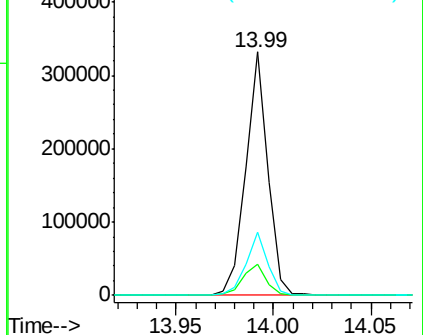
Tot Ion:	240	Resp:	259949
Ion Ratio	Lower	Upper	
240	100		
120	13.0	9.5	14.3
236	25.7	20.7	31.1

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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: Below Cal

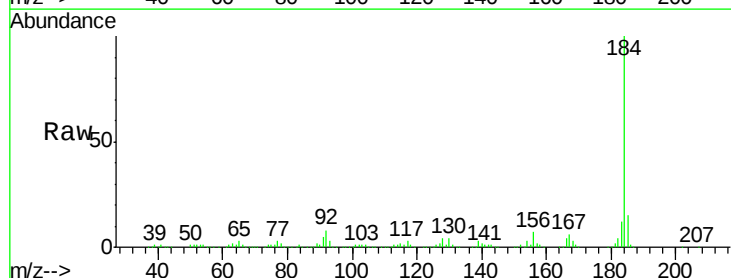
RT: 12.69 min Scan# 1802

Delta R.T. 0.01 min

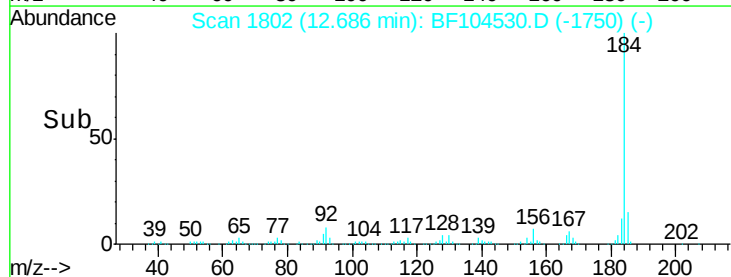
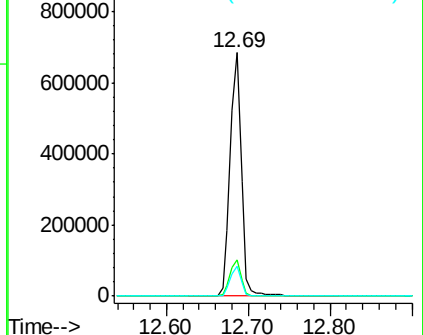
Lab File: BF104530.D

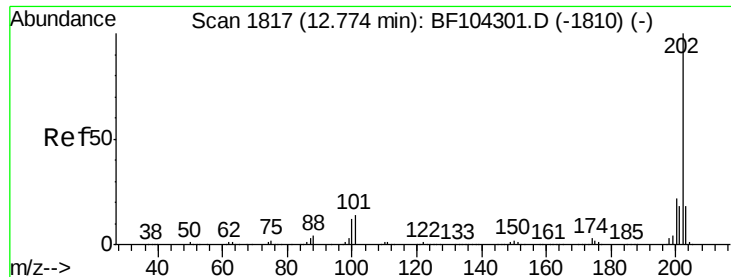
Acq: 16 Apr 2018 13:25

Tgt Ion:	184	Resp:	658707
Ion Ratio	Lower	Upper	
184	100		
185	14.9	12.6	18.8
183	12.3	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





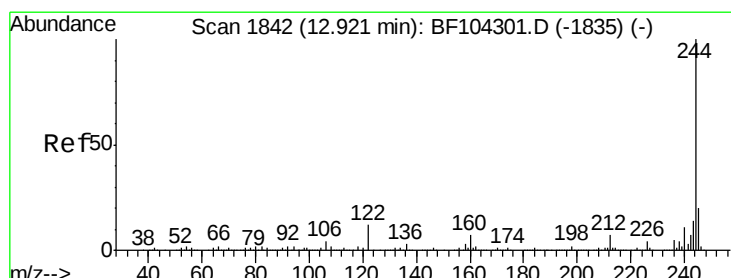
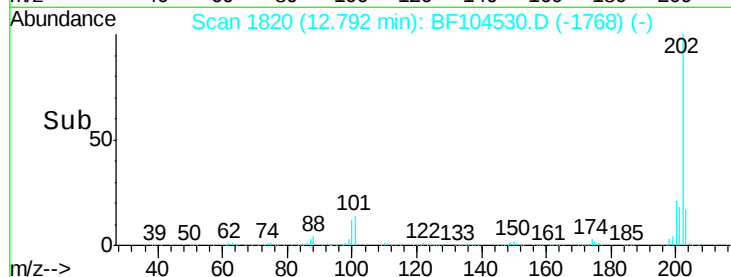
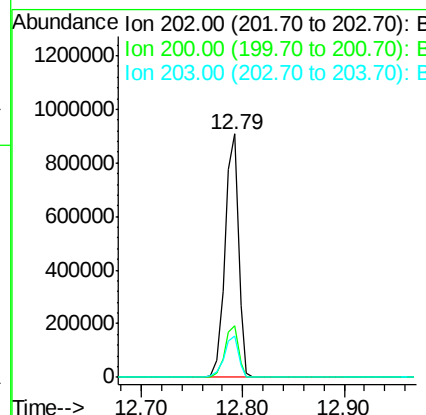
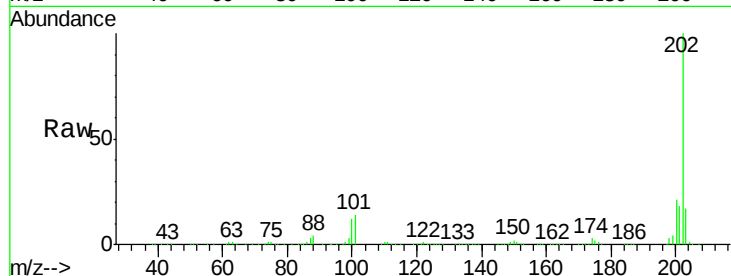
#77
Pvrene
Concen: 43.503 ng
RT: 12.79 min Scan# 1820
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	838234		
200	21.4		17.4	26.2
203	17.1		14.3	21.5

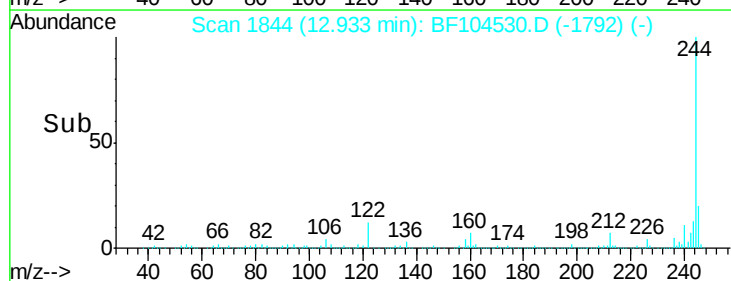
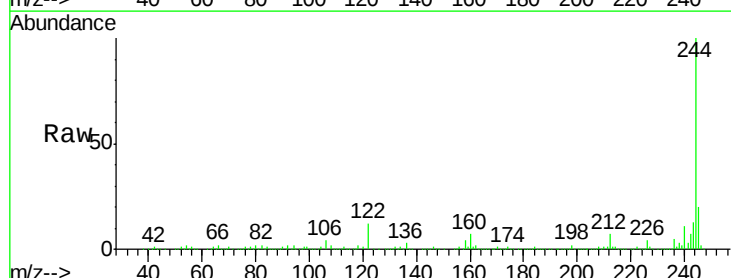
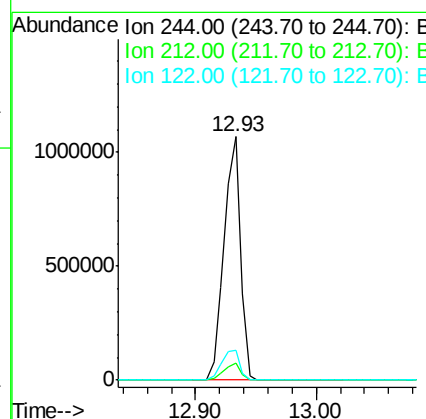
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#78
Terphenyl-d14
Concen: 87.548 ng
RT: 12.93 min Scan# 1844
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	998234		
212	6.9		5.4	8.0
122	12.0		11.0	16.4





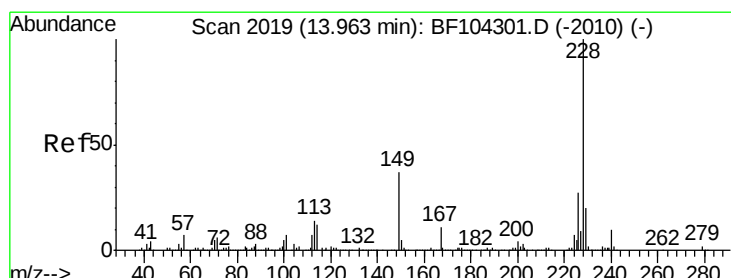
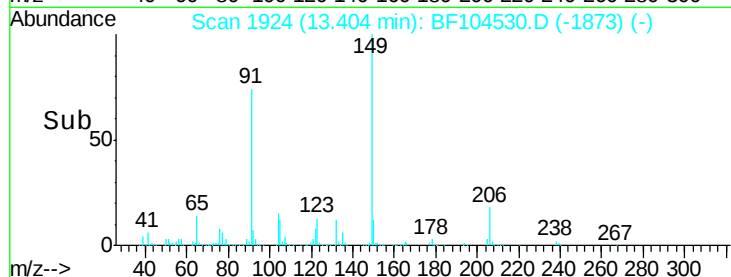
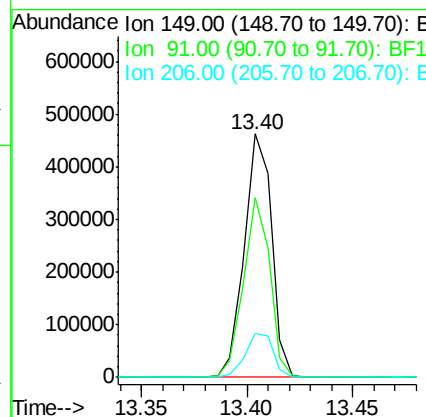
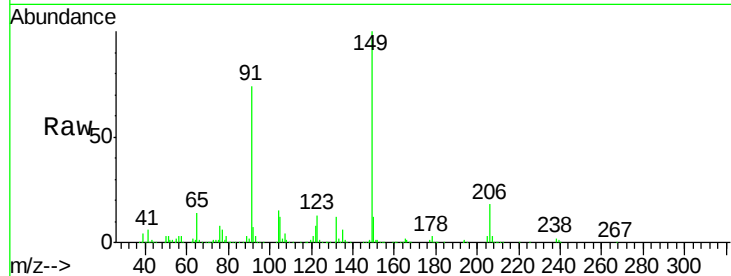
#79
Butylbenzylphthalate
Concen: 45.643 ng
RT: 13.40 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.0	56.8	85.2
206	17.8	14.1	21.1

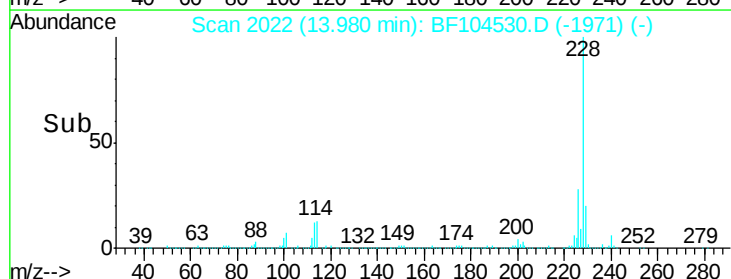
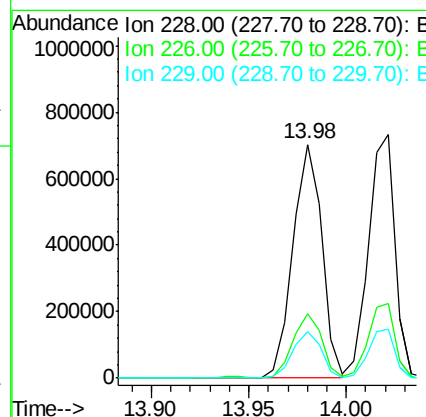
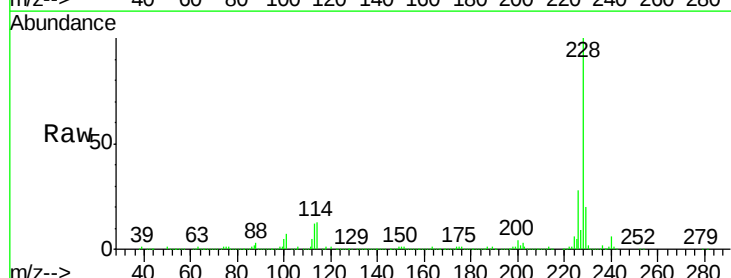
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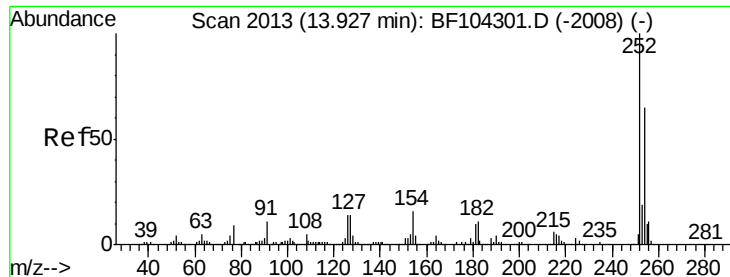
Sohil
4/17/2018 10:08:50 AM



#80
Benzo(a)anthracene
Concen: 46.659 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.6	33.8
229	19.8	15.8	23.6





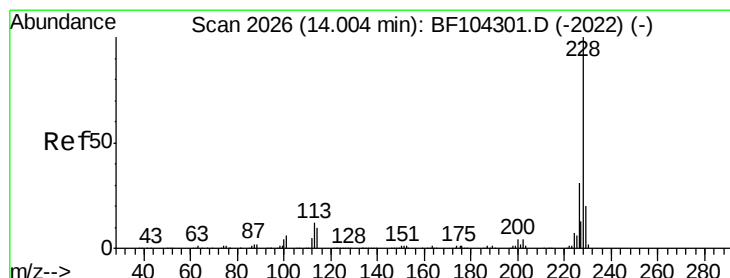
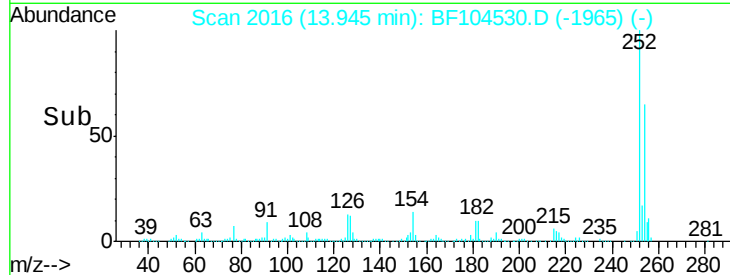
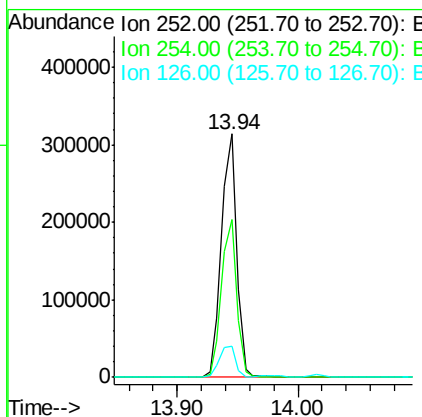
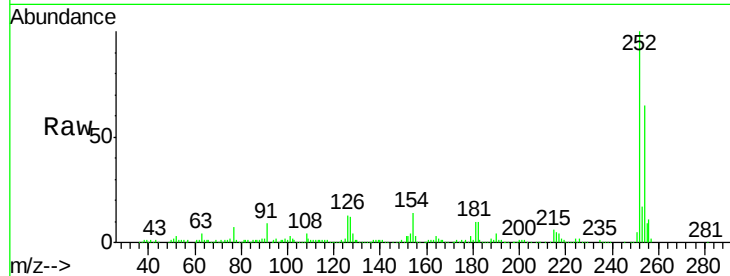
#81
 3,3'-Dichlorobenzidine
 Concen: 47.691 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	276144		
254	64.8	50.4	75.6	
126	12.8	11.3	16.9	

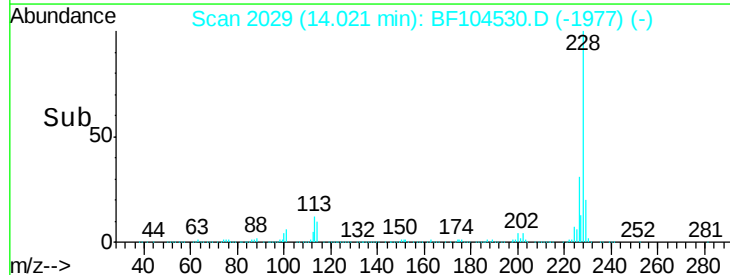
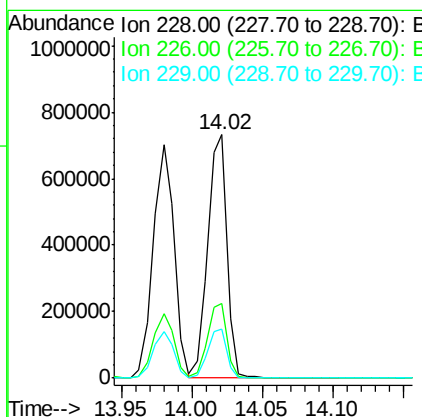
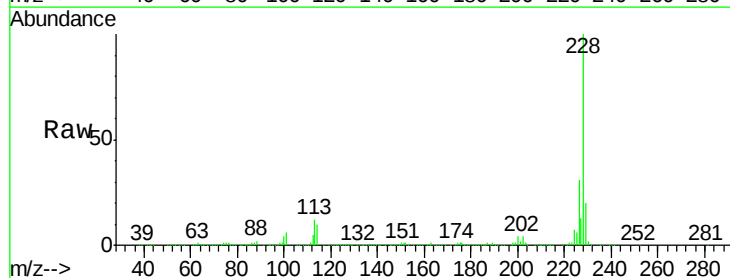
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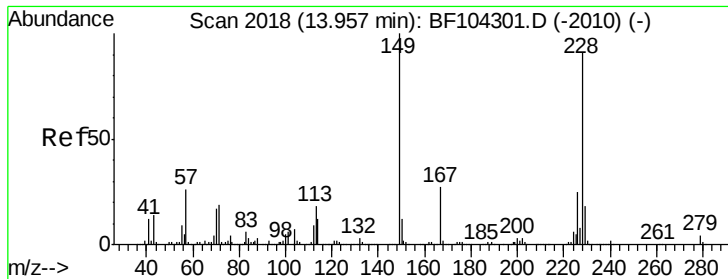
Sohil
 4/17/2018 10:08:50 AM



#82
 Chrysene
 Concen: 43.351 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	691502		
226	30.6	25.0	37.6	
229	20.0	16.2	24.4	





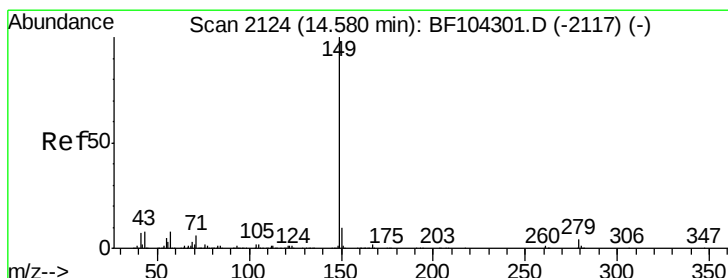
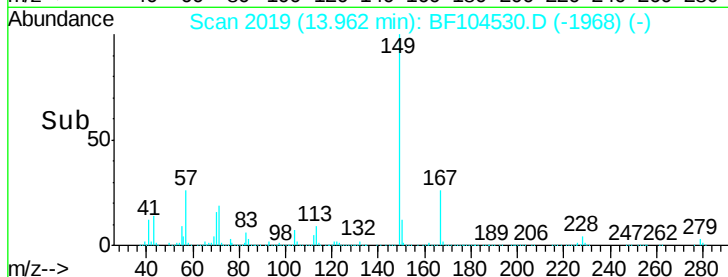
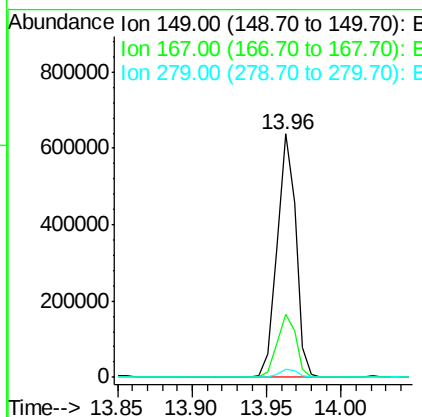
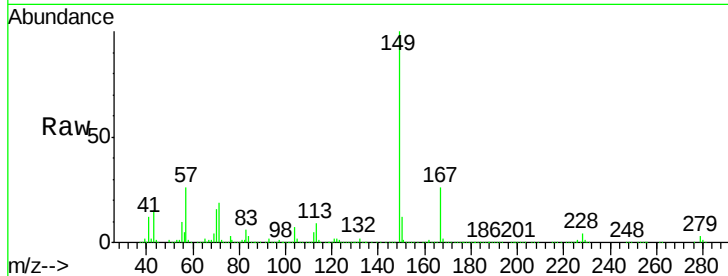
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.909 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Instrument :
 BNA_F
 ClientSampleId :
 PB108229BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	559383		
167	26.1		21.3	31.9
279	3.1		3.0	4.4

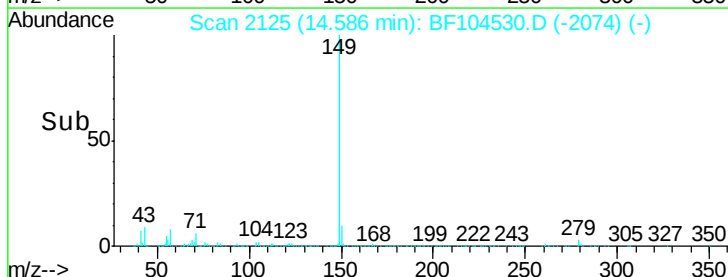
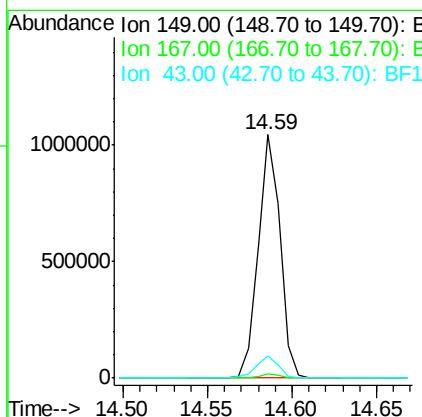
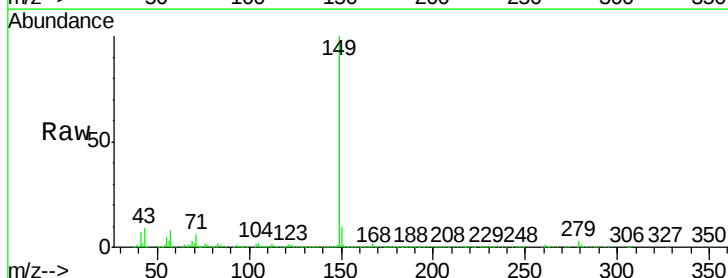
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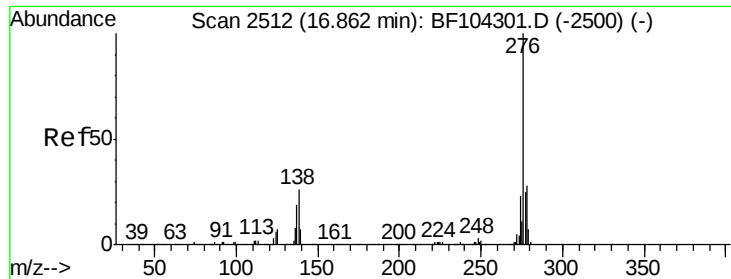
Sohil
 4/17/2018 10:08:50 AM



#84
 Di-n-octyl phthalate
 Concen: 48.197 ng
 RT: 14.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BF104530.D
 Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	940312		
167	1.6		1.2	1.8
43	8.6		8.4	12.6





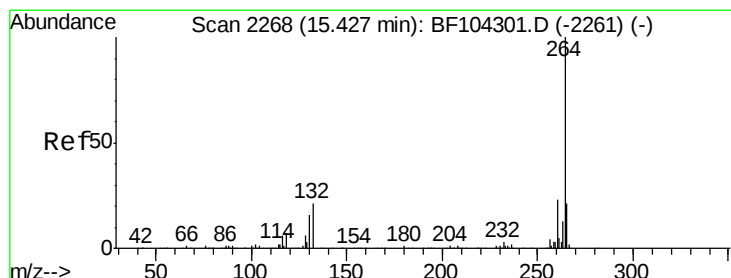
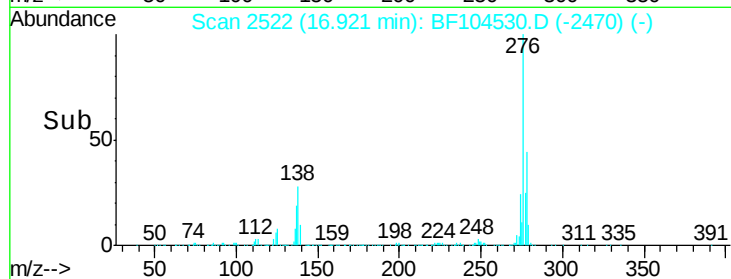
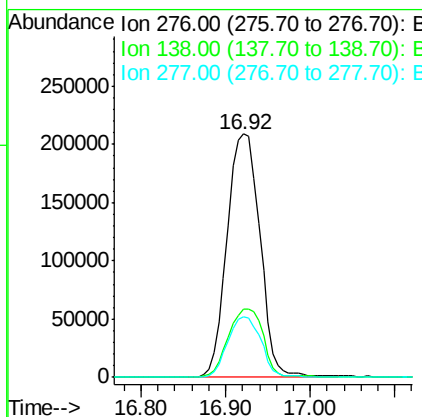
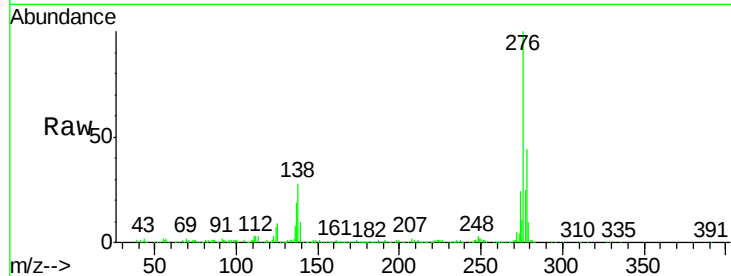
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.612 ng
RT: 16.92 min Scan# 2522
Delta R.T. 0.01 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	25.0	37.6
277	25.3	20.1	30.1

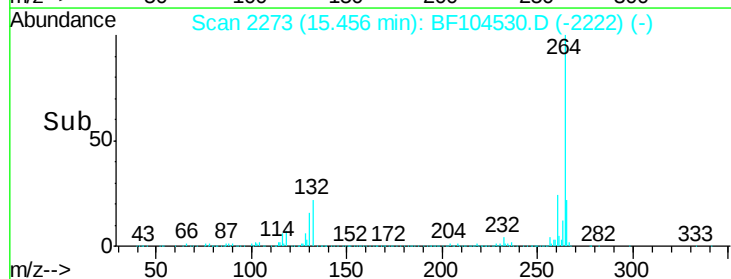
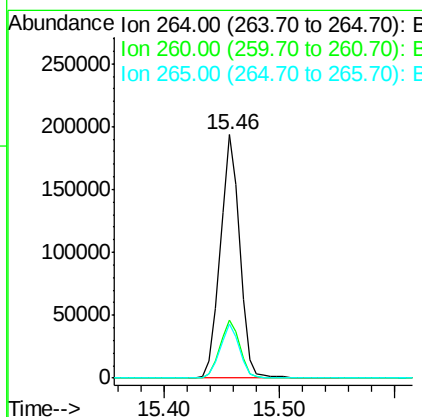
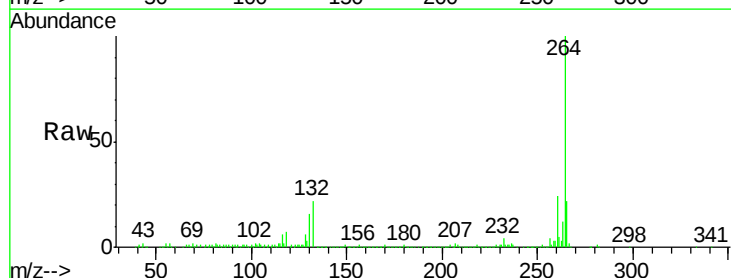
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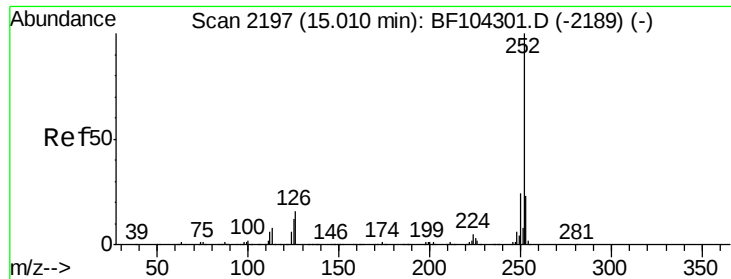
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.1	17.5	26.3





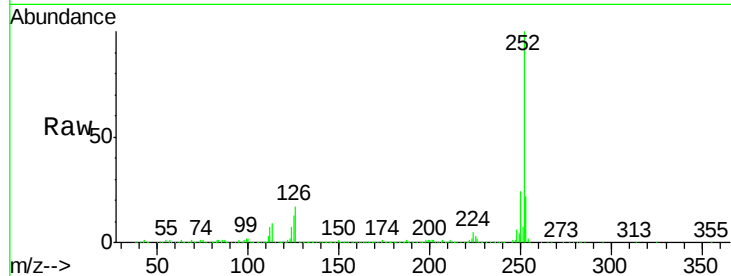
#87
Benzo(b)fluoranthene
Concen: 49.144 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

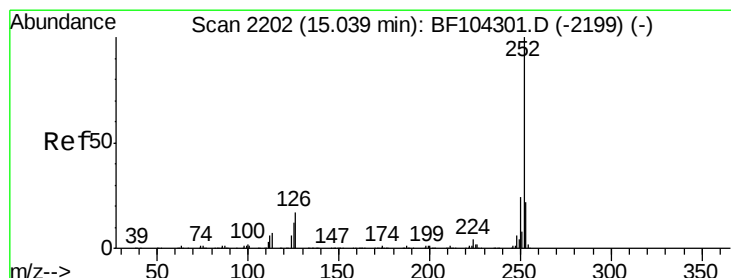
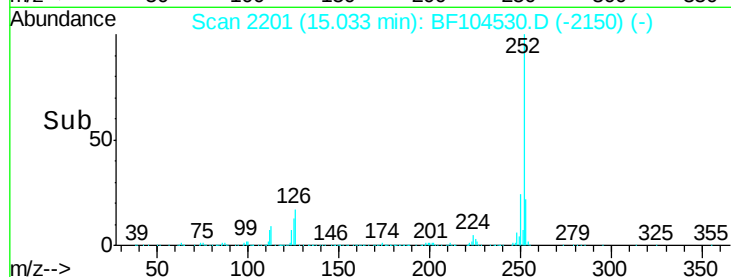
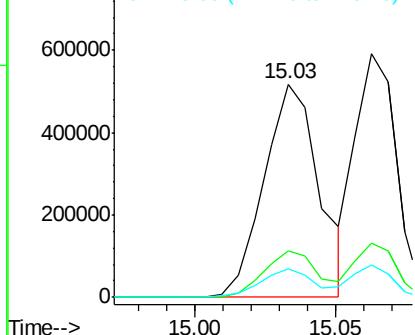
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.2	9.0	13.6

Manual Integrations
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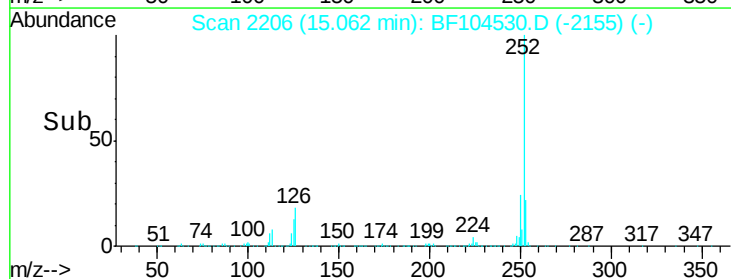
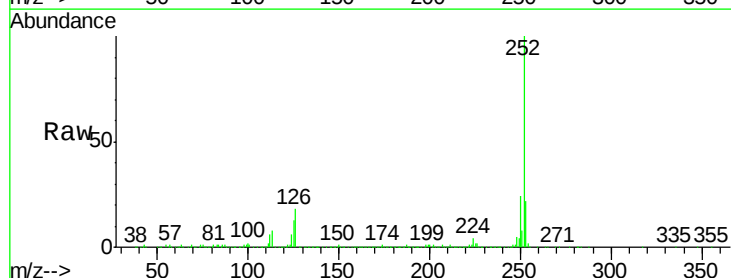
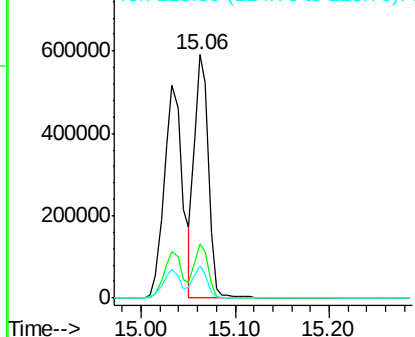
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

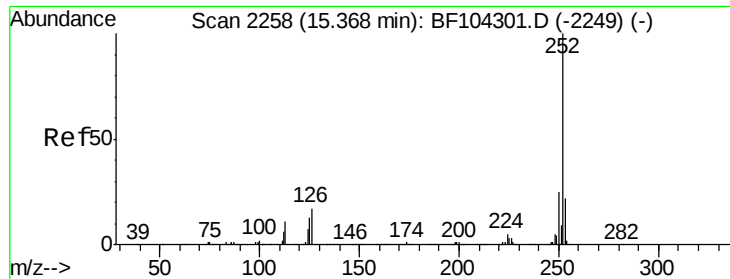


#88
Benzo(k)fluoranthene
Concen: 44.978 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	13.1	10.2	15.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





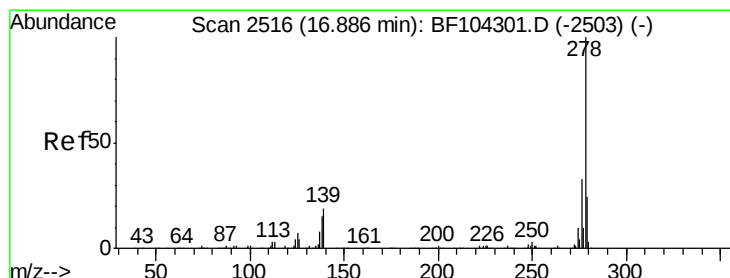
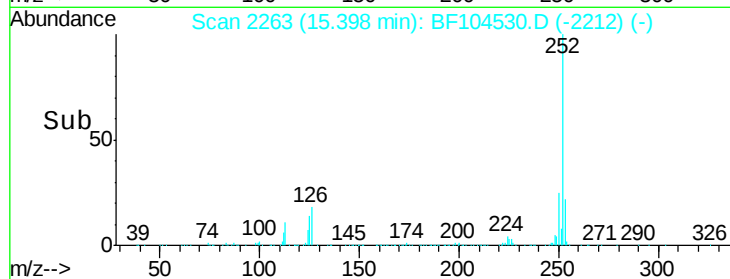
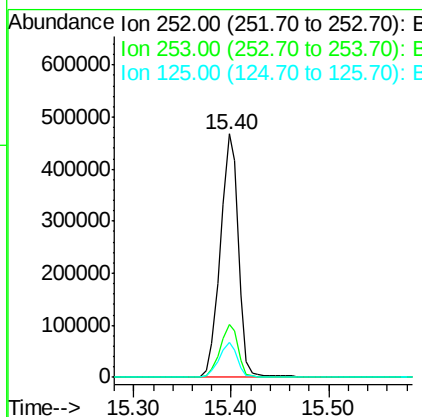
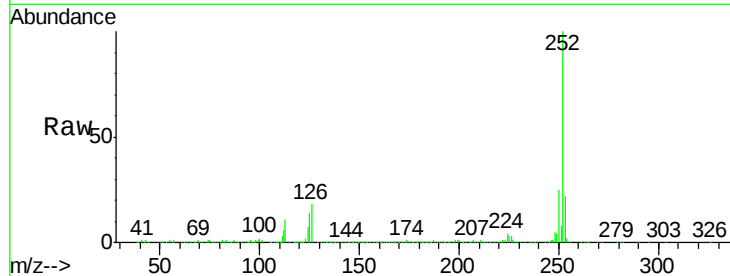
#89
Benzo(a)pyrene
Concen: 46.723 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Instrument :
BNA_F
ClientSampleId :
PB108229BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.1	25.7
125	14.4	9.8	14.6

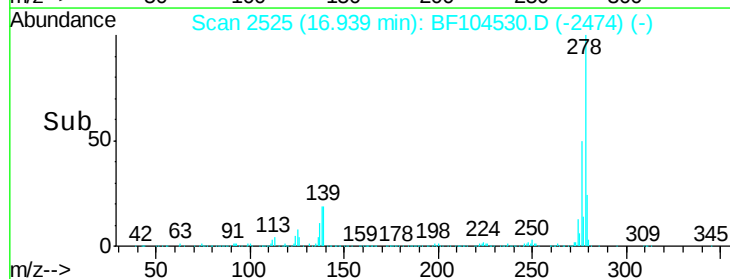
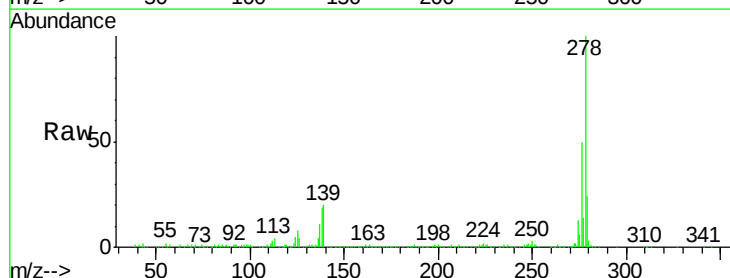
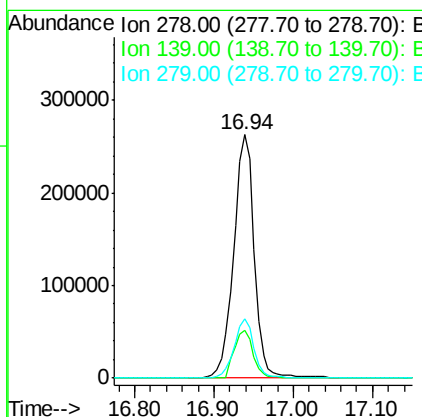
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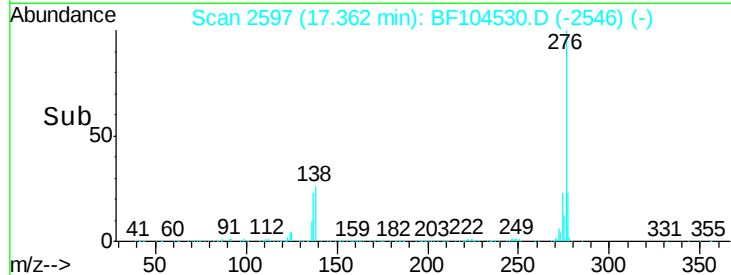
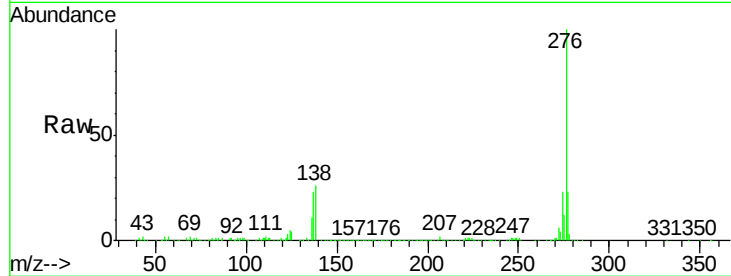
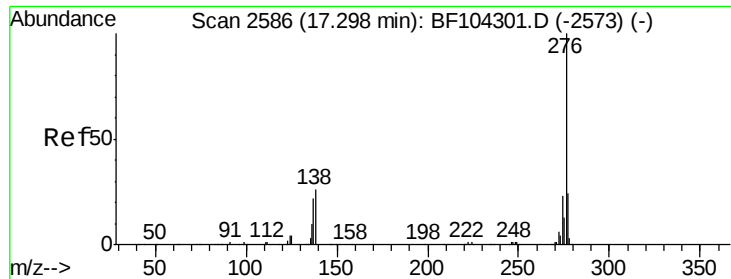
Sohil
4/17/2018 10:08:50 AM



#90
Dibenzo(a,h)anthracene
Concen: 45.094 ng
RT: 16.94 min Scan# 2525
Delta R.T. -0.00 min
Lab File: BF104530.D
Acq: 16 Apr 2018 13:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.7	15.9	23.9
279	24.2	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.871 ng

RT: 17.36 min Scan# 2597

Delta R.T. -0.00 min

Lab File: BF104530.D

Acq: 16 Apr 2018 13:25

Tot Ion:	276	Resp:	446727
Ion Ratio	Lower	Upper	
276	100		
277	23.1	17.9	26.9
138	26.2	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

PB108229BSD

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