

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
 Data File : BF104493.D
 Acq On : 13 Apr 2018 21:48
 Operator : JU/SJ
 Sample : PB108218BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BS

Manual Integrations
 APPROVED

Sohil
 4/16/2018 3:10:28 PM

Quant Time: Apr 14 00:09:31 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 13 17:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128043	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	502261	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	213055	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	319008	20.00	ng	0.00
75) Chrysene-d12	13.99	240	226042	20.00	ng	0.00
86) Perylene-d12	15.45	264	159978	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	648292	77.42	ng	0.02
7) Phenol-d6	6.46	99	788925	76.68	ng	0.01
23) Nitrobenzene-d5	7.38	82	725150	94.28	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	161785	73.20	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1222085	90.61	ng	0.00
78) Terphenyl-d14	12.93	244	823688	83.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.61	88	140905	36.112	ng	89
3) Pyridine	3.35	79	396941	36.183	ng	89
4) n-Nitrosodimethylamine	3.32	42	171003	44.591	ng	80
6) Aniline	6.47	93	275145	19.248	ng	# 1
8) 2-Chlorophenol	6.60	128	410780	46.476	ng	95
9) Benzaldehyde	6.36	77	1211	Below Cal		# 85
10) Phenol	6.47	94	481267	44.085	ng	84
11) bis(2-Chloroethyl)ether	6.55	93	382958	43.959	ng	96
12) 1,3-Dichlorobenzene	6.75	146	421580	42.103	ng	97
13) 1,4-Dichlorobenzene	6.83	146	424061	42.486	ng	97
14) 1,2-Dichlorobenzene	6.99	146	394067	42.604	ng	98
15) Benzyl Alcohol	6.96	79	330773	42.327	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	471928	40.337	ng	85
17) 2-Methylphenol	7.07	107	333327	43.386	ng	94
18) Hexachloroethane	7.32	117	138407	38.892	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	264723	39.373	ng	92
20) 3+4-Methylphenols	7.23	107	389276	40.853	ng	88
22) Acetophenone	7.22	105	526501	42.579	ng	# 98
24) Nitrobenzene	7.40	77	422714	49.776	ng	99
25) Isophorone	7.64	82	753301	46.313	ng	99
26) 2-Nitrophenol	7.72	139	199684	57.758	ng	94
27) 2,4-Dimethylphenol	7.76	122	352396	49.091	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	487085	48.979	ng	99
29) 2,4-Dichlorophenol	7.96	162	320395	46.778	ng	97
30) 1,2,4-Trichlorobenzene	8.04	180	342144	45.517	ng	99
31) Naphthalene	8.12	128	1114566	44.565	ng	99
32) Benzoic acid	7.89	122	188971	32.993	ng	98
33) 4-Chloroaniline	8.17	127	185325	17.296	ng	96
34) Hexachlorobutadiene	8.23	225	183524	44.574	ng	99
35) Caprolactam	8.55	113	107446m	44.968	ng	
36) 4-Chloro-3-methylphenol	8.66	107	340935	46.422	ng	100
37) 2-Methylnaphthalene	8.81	142	732464	45.276	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	309137	50.688	ng	99
40) Hexachlorocyclopentadiene	8.96	237	49043	14.364	ng	98

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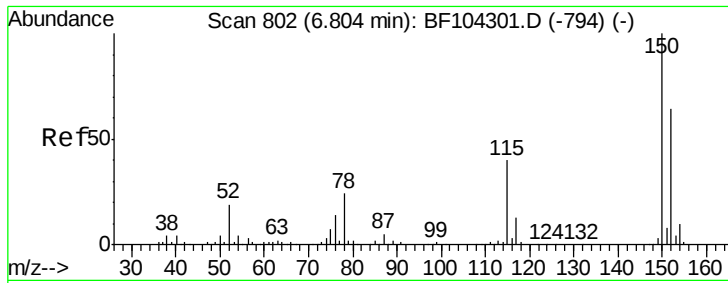
Manual Integrations
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 4/16/2018 3:10:28 PM

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	212462	50.183	nq	98
43) 2,4,5-Trichlorophenol	9.14	196	212812	44.919	nq	97
45) 1,1'-Biphenyl	9.27	154	838225	46.833	nq	100
46) 2-Chloronaphthalene	9.30	162	658642	46.589	nq	98
47) 2-Nitroaniline	9.40	65	204787	58.575	nq	90
48) Acenaphthylene	9.72	152	948785	42.775	nq	99
49) Dimethylphthalate	9.58	163	802440	47.761	nq	100
50) 2,6-Dinitrotoluene	9.65	165	169369	54.480	nq	89
51) Acenaphthene	9.89	154	565075	41.754	nq	100
52) 3-Nitroaniline	9.81	138	145213	39.899	nq	98
53) 2,4-Dinitrophenol	9.92	184	20952	26.253	nq #	23
54) Dibenzofuran	10.06	168	844860	44.796	nq	99
55) 4-Nitrophenol	9.99	139	229480	80.267	nq	96
56) 2,4-Dinitrotoluene	10.05	165	206359	50.604	nq #	98
57) Fluorene	10.40	166	625881	45.592	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	152468	43.137	nq	95
59) Diethylphthalate	10.27	149	747988	44.702	nq	100
60) 4-Chlorophenyl-phenylether	10.40	204	294258	48.132	nq	96
61) 4-Nitroaniline	10.43	138	162504	45.665	nq	99
62) Azobenzene	10.56	77	663295	41.492	nq	95
64) 4,6-Dinitro-2-methylphenol	10.45	198	19106	17.762	nq	90
65) n-Nitrosodiphenylamine	10.52	169	570326	51.563	nq	100
66) 4-Bromophenyl-phenylether	10.89	248	182939	53.913	nq	92
67) Hexachlorobenzene	10.95	284	189016	49.505	nq	92
68) Atrazine	11.04	200	118387	35.459	nq	99
69) Pentachlorophenol	11.15	266	151908	64.312	nq	97
70) Phenanthrene	11.37	178	805646	45.349	nq	99
71) Anthracene	11.42	178	827142	45.803	nq	99
72) Carbazole	11.58	167	735264	41.666	nq	99
73) Di-n-butylphthalate	11.90	149	1015748	47.121	nq	99
74) Fluoranthene	12.56	202	758434	40.861	nq	98
76) Benzidine	12.68	184	190615	21.176	nq	97
77) Pyrene	12.79	202	763298	45.556	nq	100
79) Butylbenzylphthalate	13.40	149	367743	46.588	nq	97
80) Benzo(a)anthracene	13.98	228	649677	48.110	nq	99
81) 3,3'-Dichlorobenzidine	13.94	252	231770	46.032	nq #	96
82) Chrysene	14.02	228	616461	44.444	nq	99
83) Bis(2-ethylhexyl)phthalate	13.96	149	499322	49.180	nq	100
84) Di-n-octyl phthalate	14.59	149	828714	48.849	nq	96
85) Indeno(1,2,3-cd)pyrene	16.92	276	463402	39.328	nq	96
87) Benzo(b)fluoranthene	15.03	252	550496	54.483	nq	99
88) Benzo(k)fluoranthene	15.06	252	511509	53.623	nq	96
89) Benzo(a)pyrene	15.39	252	478414	52.919	nq	99
90) Dibenzo(a,h)anthracene	16.93	278	394436	53.123	nq	98
91) Benzo(g,h,i)perylene	17.36	276	380258	52.861	nq	95

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



#1

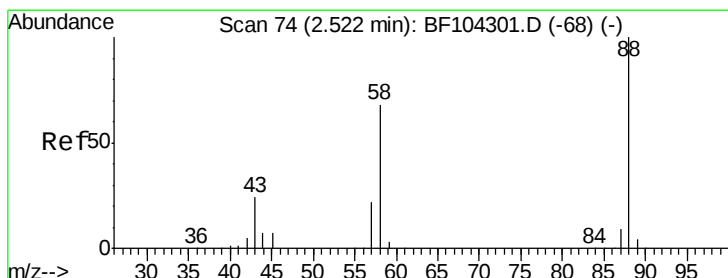
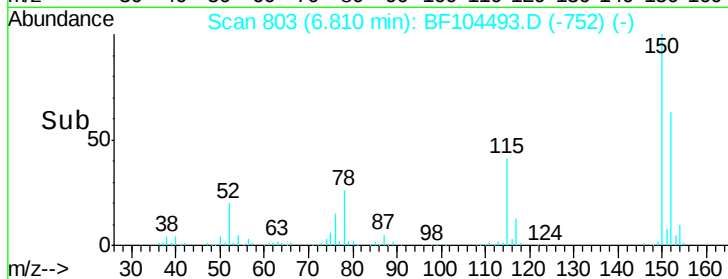
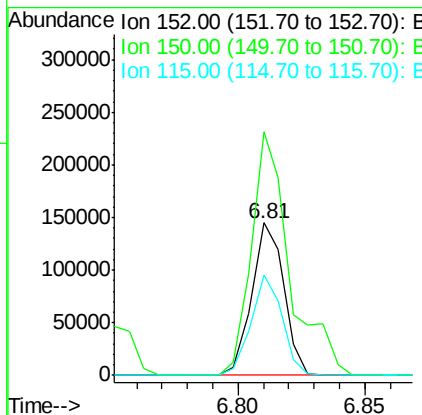
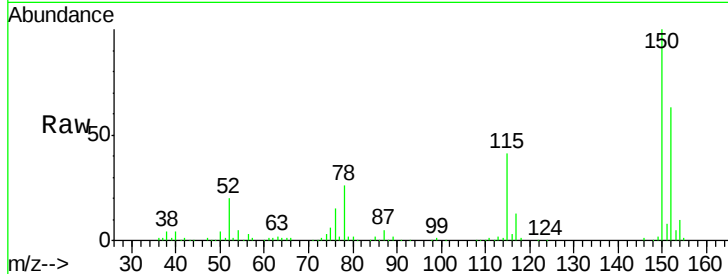
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.6	186.8
115	65.4	50.1	75.1

Manual Integrations
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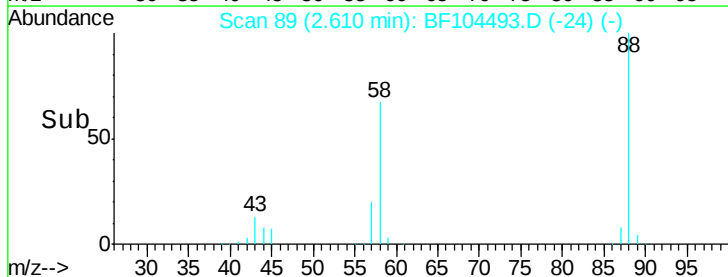
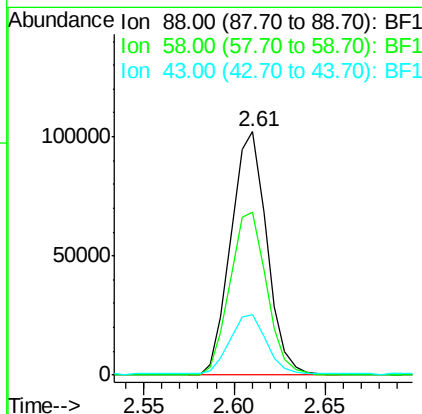
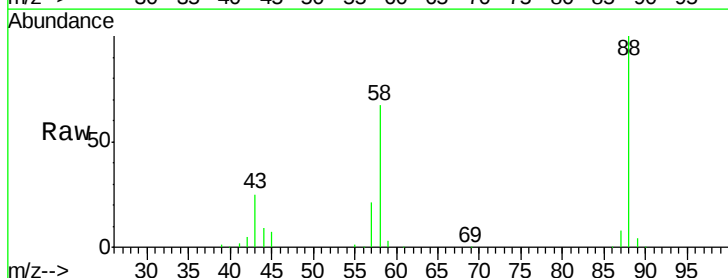
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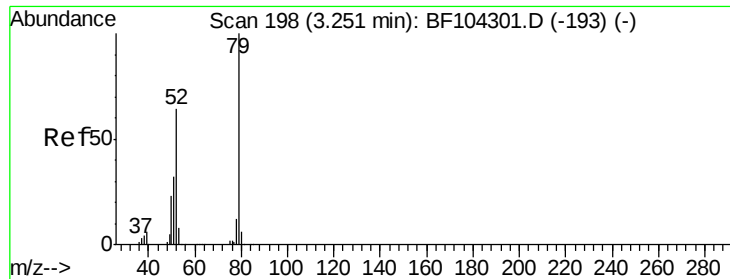


#2

1,4-Dioxane
Concen: 36.112 ng
RT: 2.61 min Scan# 89
Delta R.T. 0.08 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.6	62.6	93.8
43	24.7	24.6	37.0





#3

Pvridine

Concen: 36.183 ng

RT: 3.35 min Scan# 214

Delta R.T. 0.08 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

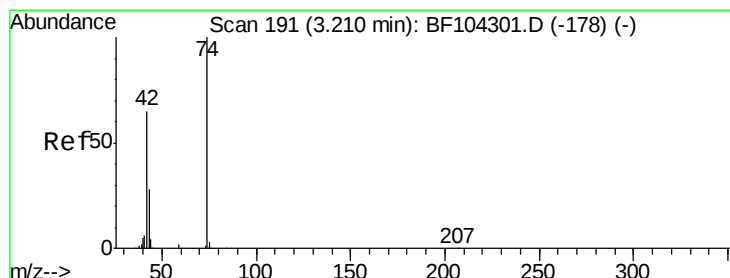
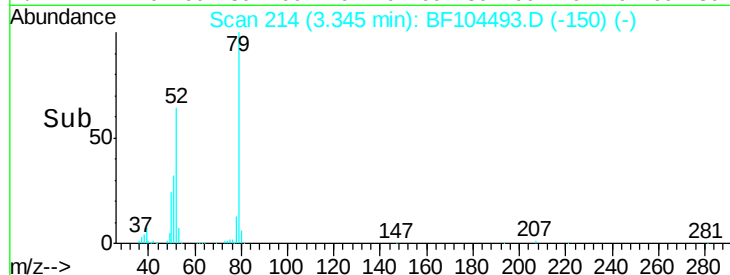
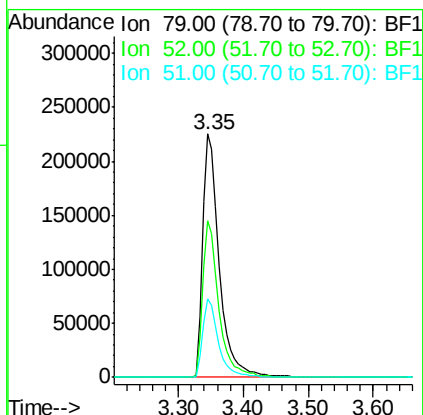
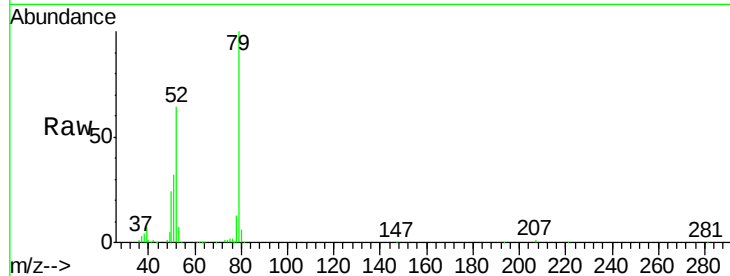
ClientSampleId :

PB108218BS

Tot Ion:	79	Resp:	396941
Ion Ratio	Lower	Upper	
79	100		
52	64.5	59.8	89.6
51	32.3	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 44.591 ng

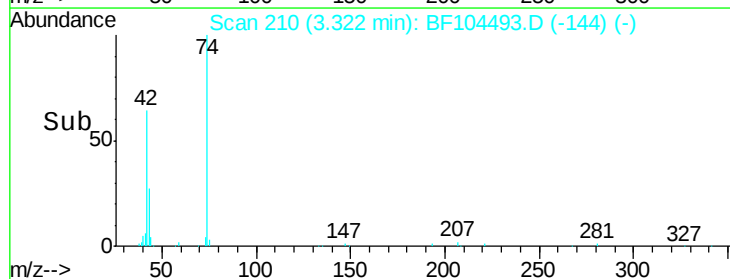
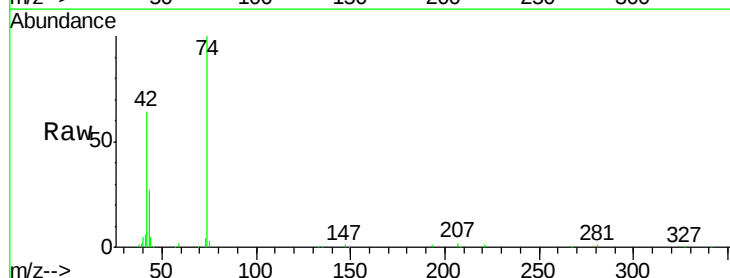
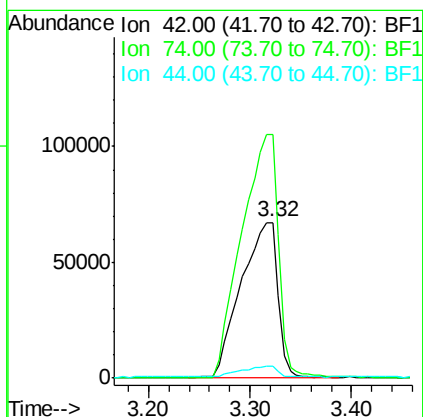
RT: 3.32 min Scan# 210

Delta R.T. 0.09 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	42	Resp:	171003
Ion Ratio	Lower	Upper	
42	100		
74	156.3	104.9	157.3
44	7.3	6.9	10.3





#5

2-Fluorophenol

Concen: 77.417 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.02 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

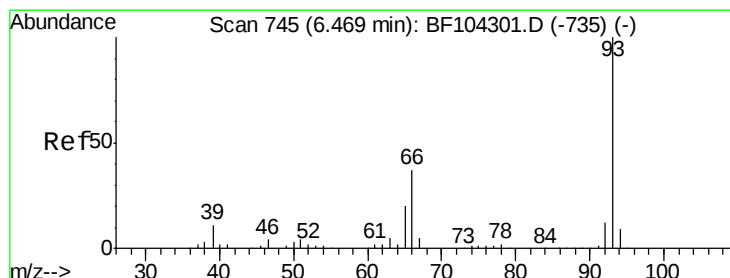
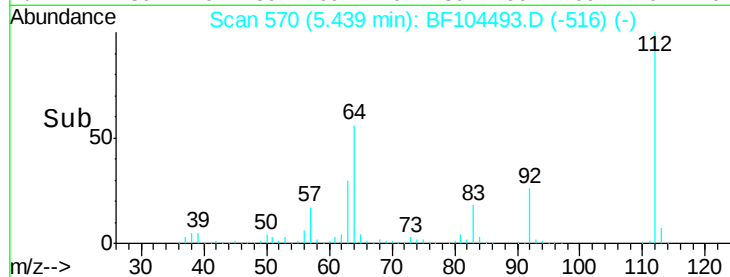
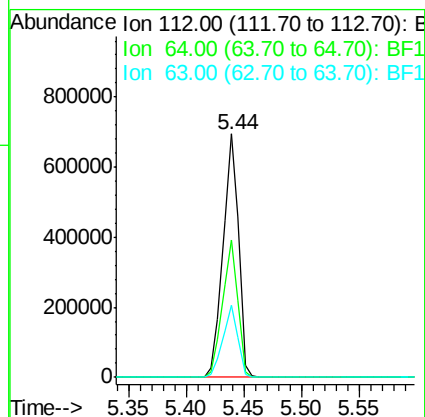
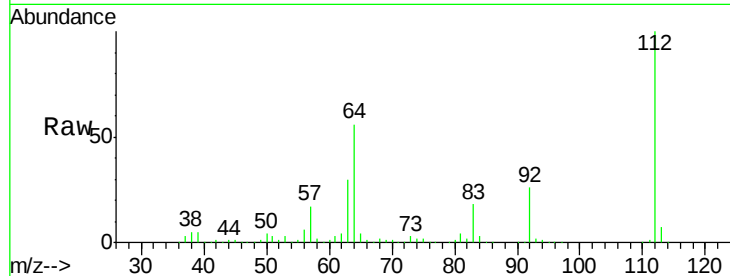
ClientSampleId :

PB108218BS

Tot Ion:	112	Resp:	648292
Ion Ratio	Lower	Upper	
112	100		
64	56.4	47.9	71.9
63	29.6	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 19.248 ng

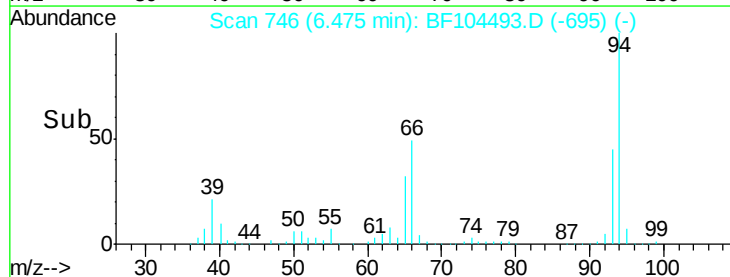
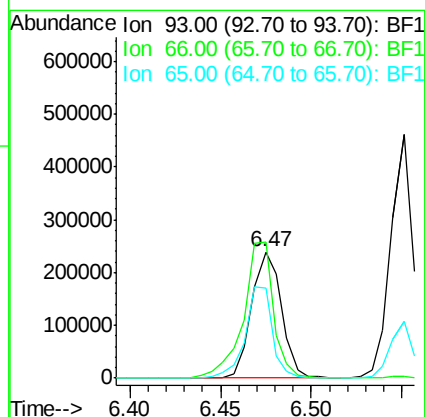
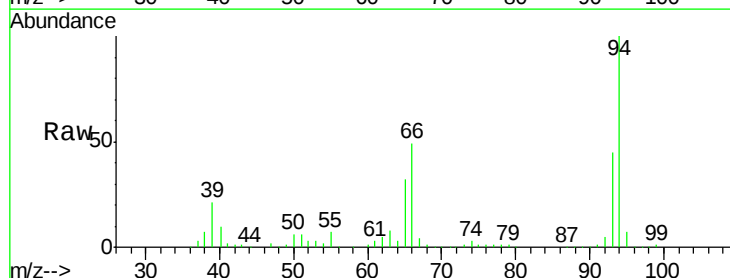
RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	93	Resp:	275145
Ion Ratio	Lower	Upper	
93	100		
66	108.2	32.2	48.2#
65	71.5	16.4	24.6#





#7

Phenol-d6

Concen: 76.677 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

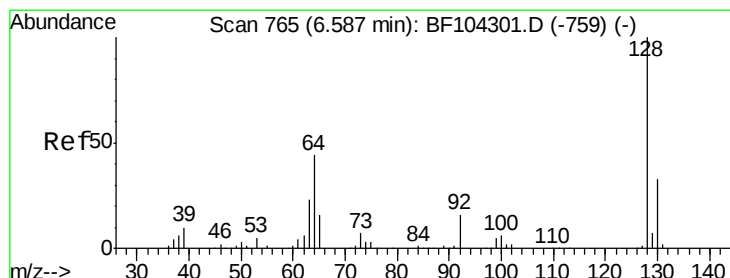
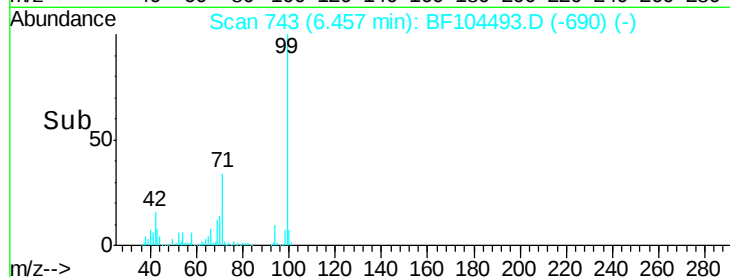
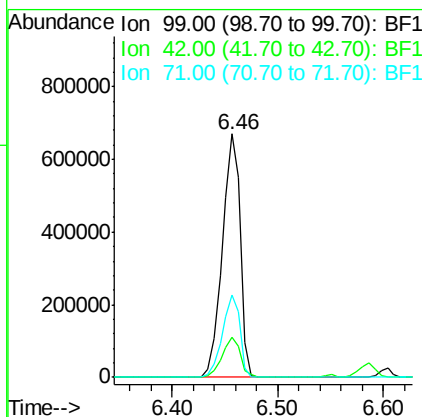
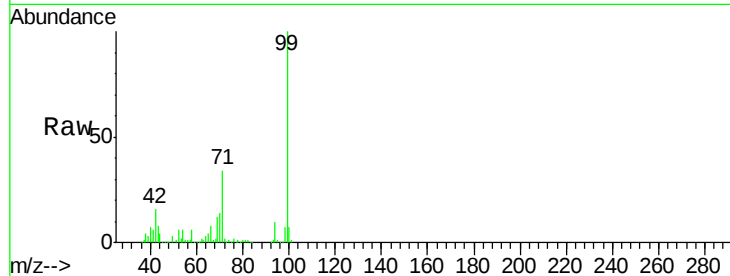
ClientSampleId :

PB108218BS

Tot Ion:	99	Resp:	788925
Ion Ratio	Lower	Upper	
99	100		
42	16.3	14.5	21.7
71	34.0	25.4	38.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 46.476 ng

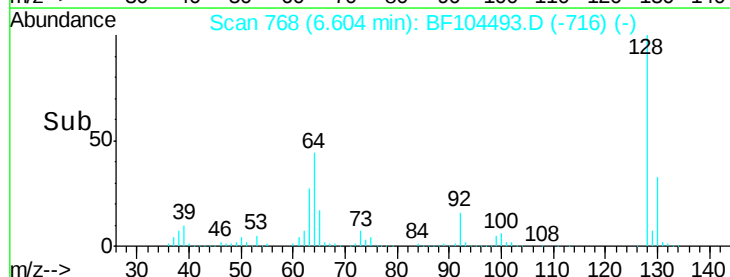
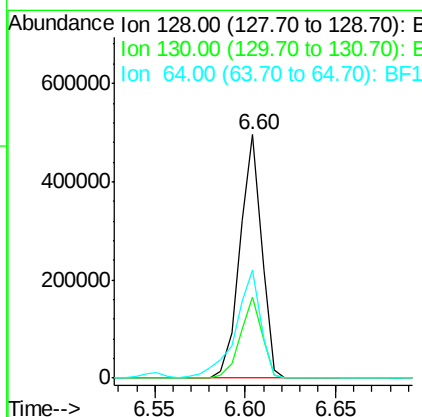
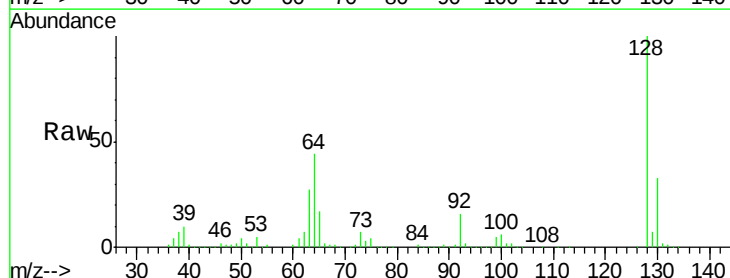
RT: 6.60 min Scan# 768

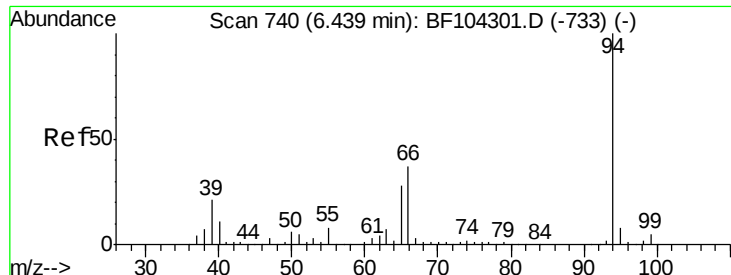
Delta R.T. 0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	128	Resp:	410780
Ion Ratio	Lower	Upper	
128	100		
130	33.4	13.0	53.0
64	44.1	29.4	69.4





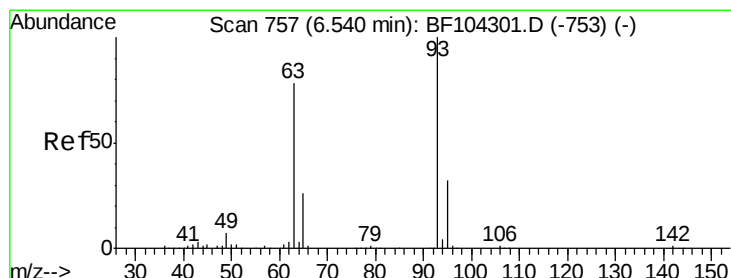
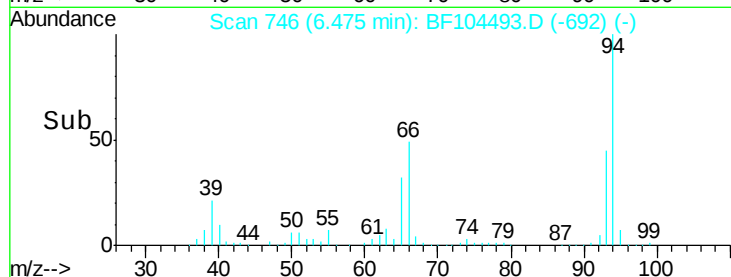
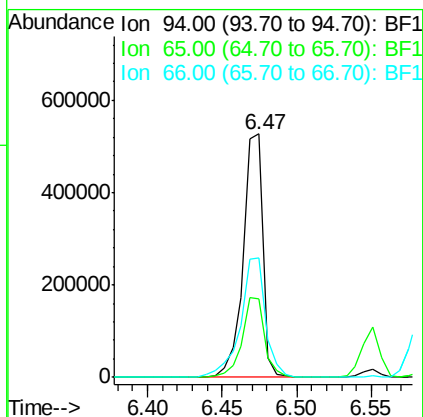
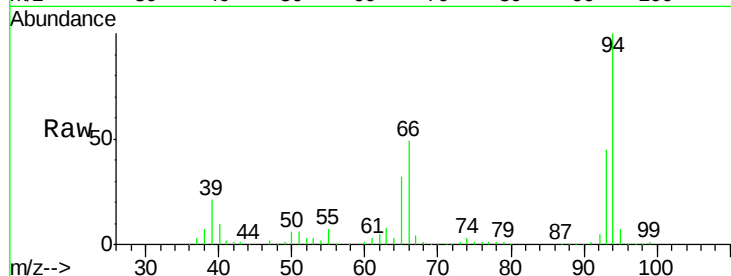
#10
Phenol
Concen: 44.085 ng
RT: 6.47 min Scan# 746
Delta R.T. 0.02 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.4	7.9	47.9
66	49.0	16.2	56.2

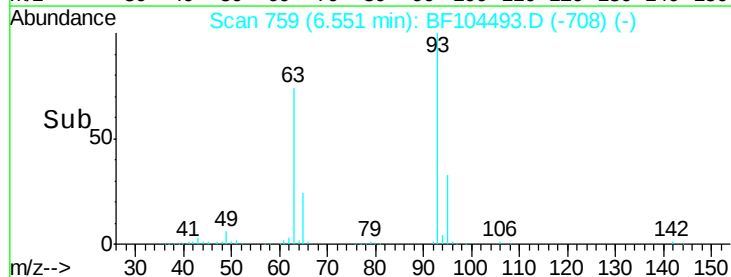
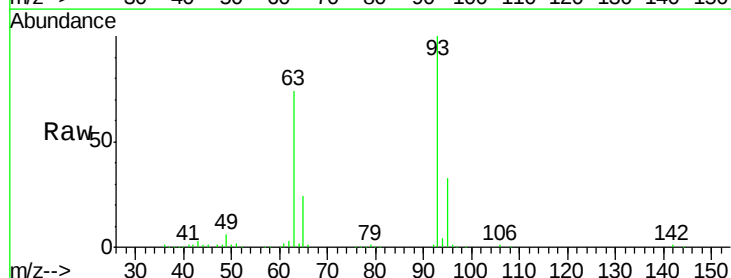
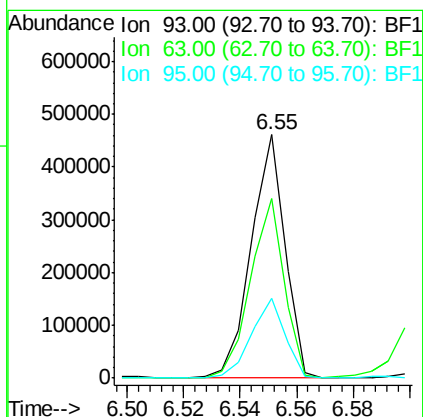
Manual Integrations
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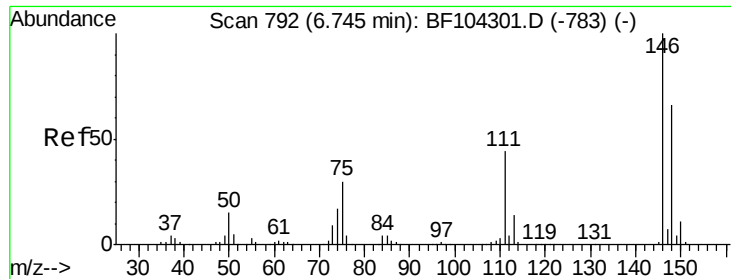
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4/16/2018 3:10:28 PM



#11
bis(2-Chloroethyl)ether
Concen: 43.959 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
93	100		
63	74.0	58.6	98.6
95	33.0	11.8	51.8





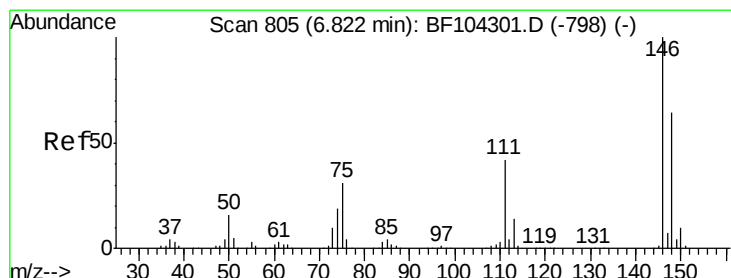
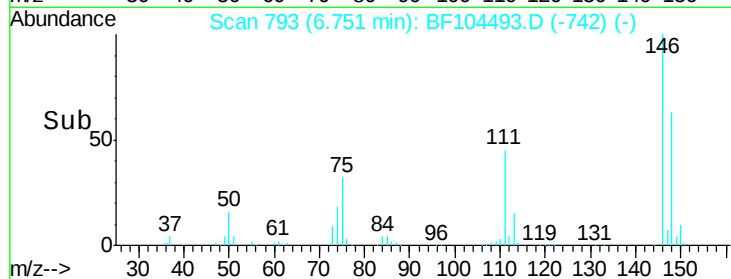
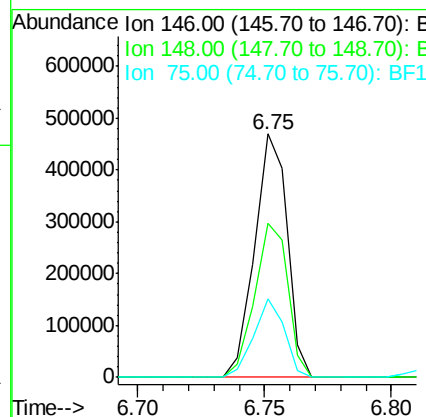
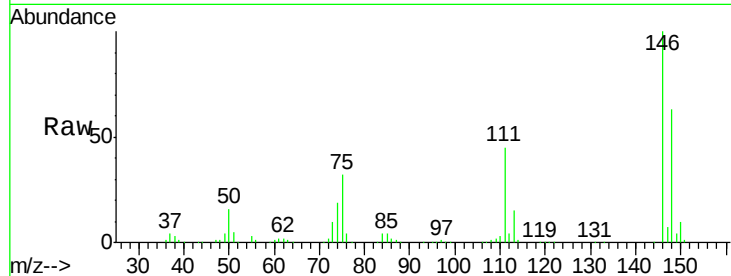
#12
 1,3-Dichlorobenzene
 Concen: 42.103 ng
 RT: 6.75 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.8
75	32.4	24.2	36.4

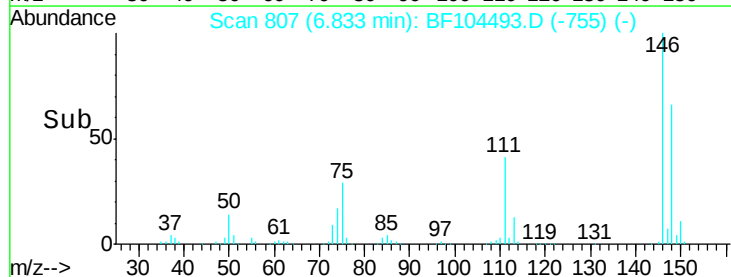
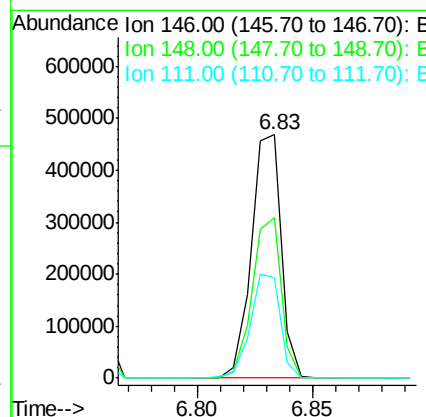
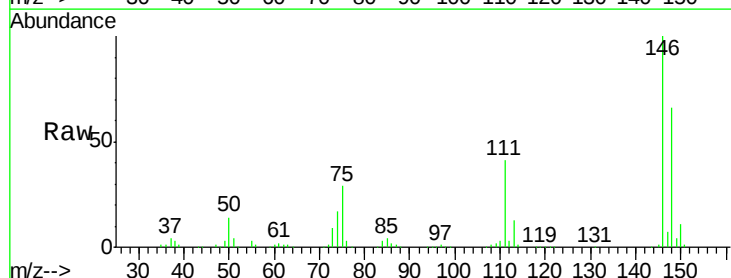
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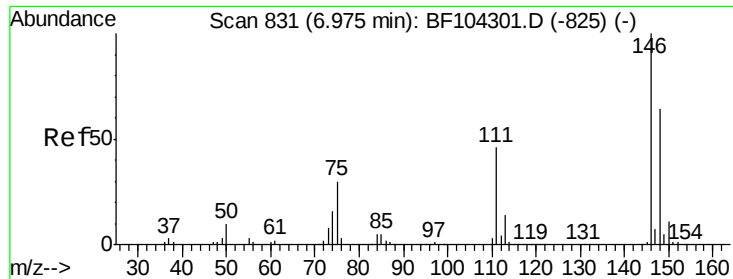
Sohil
 4/16/2018 3:10:28 PM



#13
 1,4-Dichlorobenzene
 Concen: 42.486 ng
 RT: 6.83 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	50.8	76.2
111	41.2	34.2	51.2





#14

1,2-Dichlorobenzene

Concen: 42.604 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

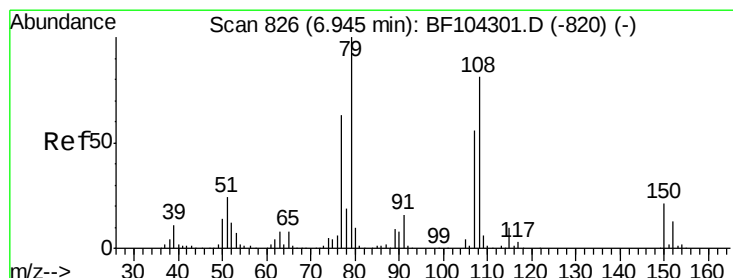
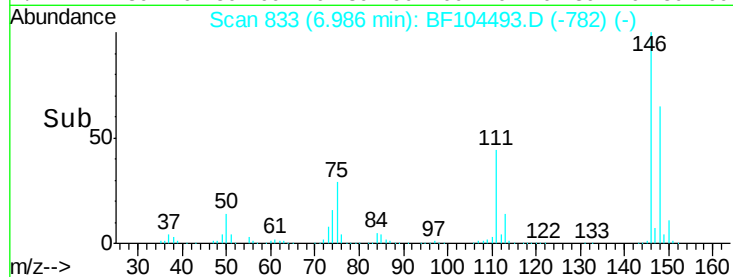
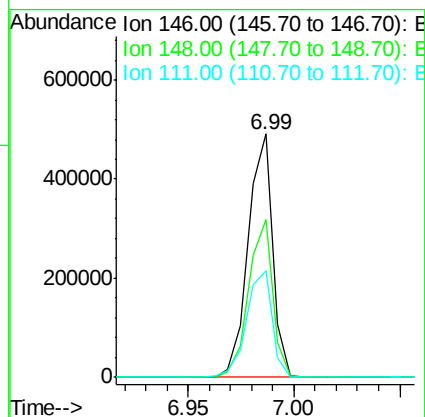
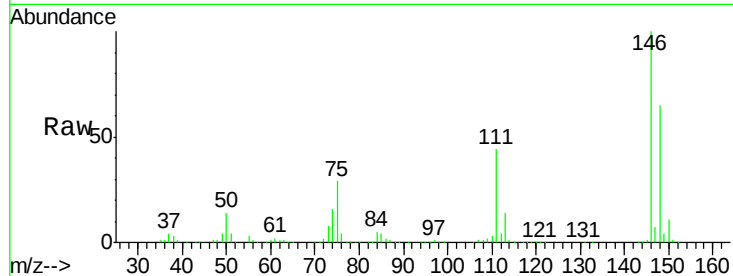
ClientSampleId :

PB108218BS

Tot Ion:	146	Resp:	394067
Ion Ratio	Lower	Upper	
146	100		
148	65.1	50.6	75.8
111	43.8	36.0	54.0

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#15

Benzyl Alcohol

Concen: 42.327 ng

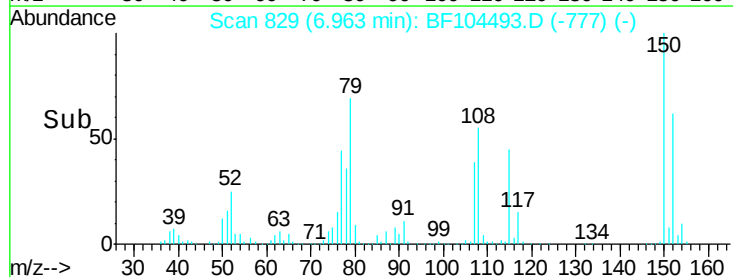
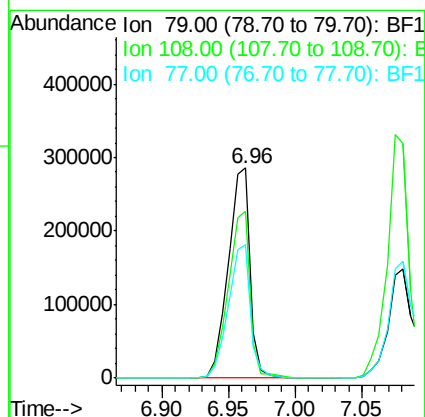
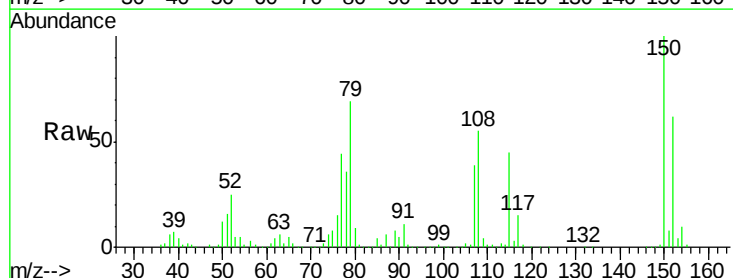
RT: 6.96 min Scan# 829

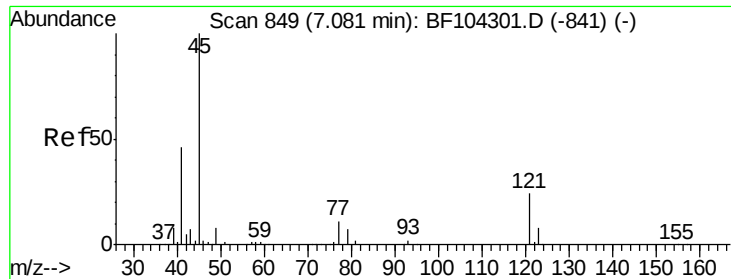
Delta R.T. 0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	79	Resp:	330773
Ion Ratio	Lower	Upper	
79	100		
108	79.3	65.1	97.7
77	63.6	50.6	75.8





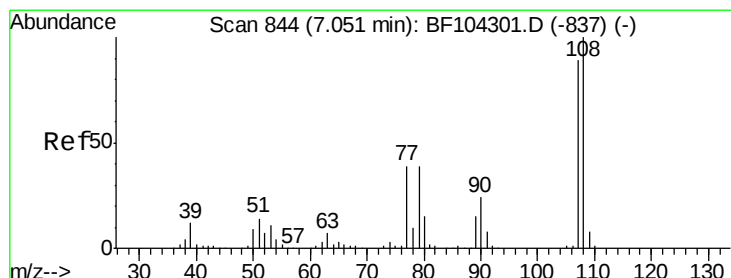
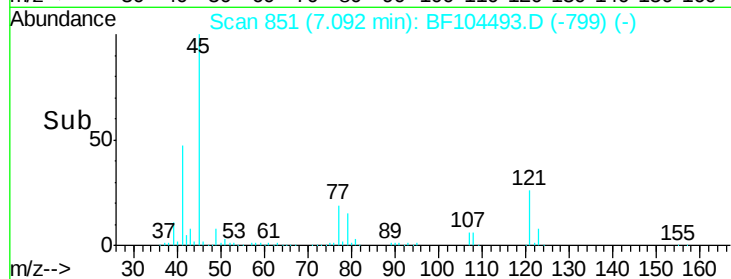
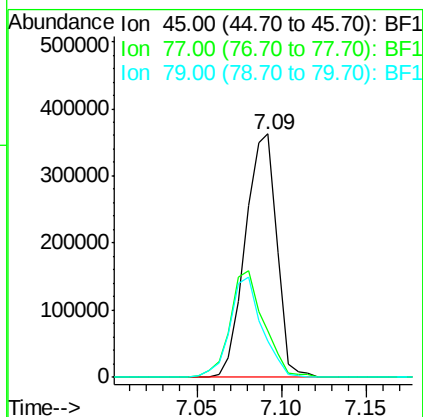
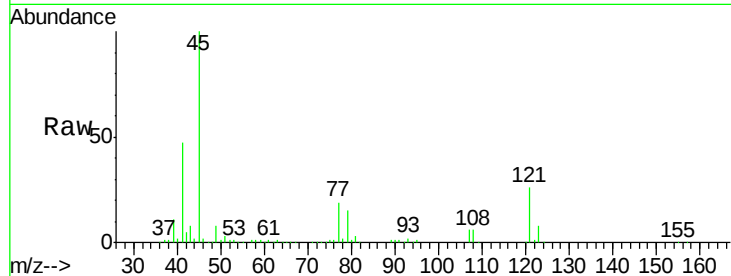
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 40.337 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	471928		
77	19.0		0.0	32.9
79	15.1		0.0	29.6

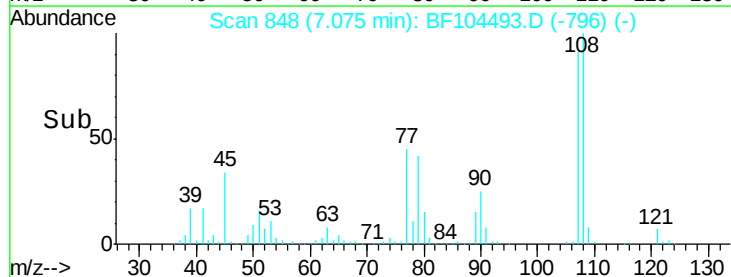
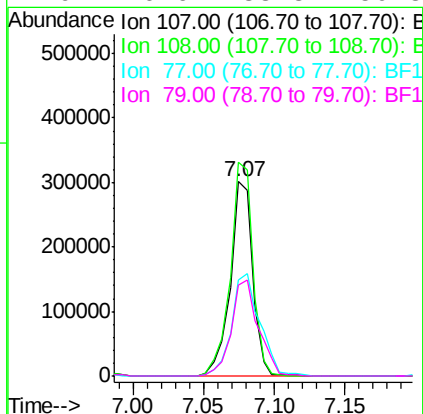
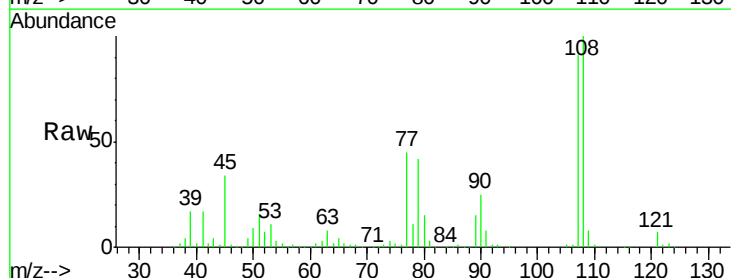
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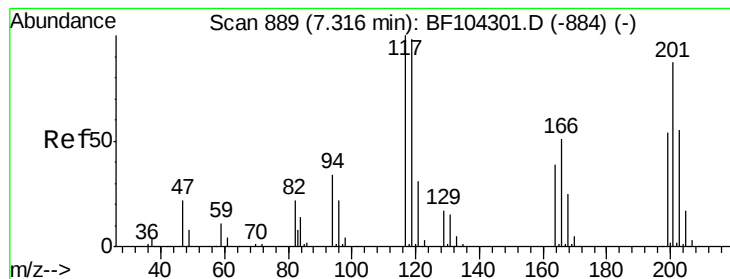
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#17
2-Methylphenol
Concen: 43.386 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	333327		
108	110.1		91.7	137.5
77	49.4		33.8	50.8
79	46.6		33.8	50.8





#18

Hexachloroethane

Concen: 38.892 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

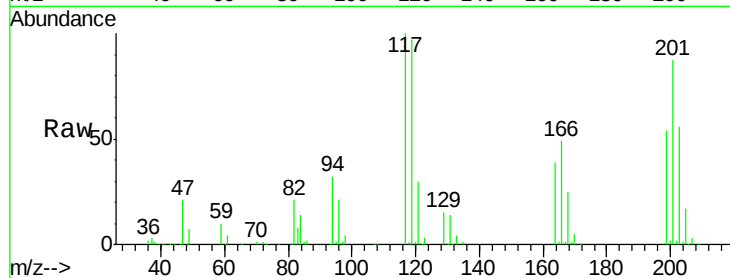
ClientSampleId :

PB108218BS

Tot Ion:	117	Resp:	138407
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.8	113.8
201	87.1	75.7	113.5

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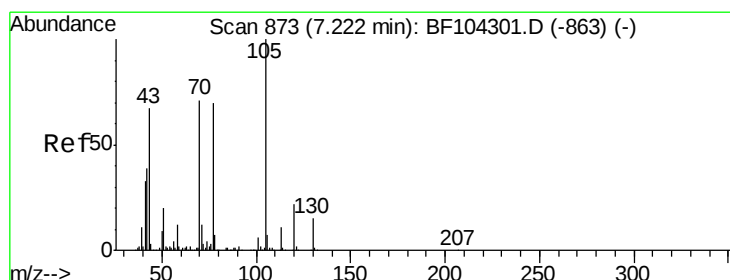
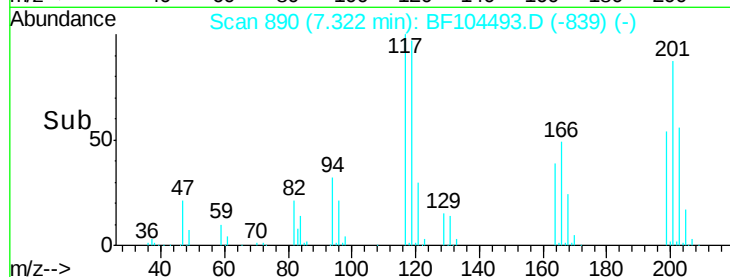
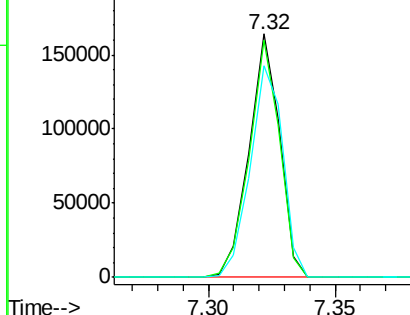


Abundance

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: 39.373 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	70	Resp:	264723
Ion Ratio	Lower	Upper	
70	100		
42	51.7	47.5	71.3
101	9.7	7.4	11.2
130	22.2	16.6	25.0

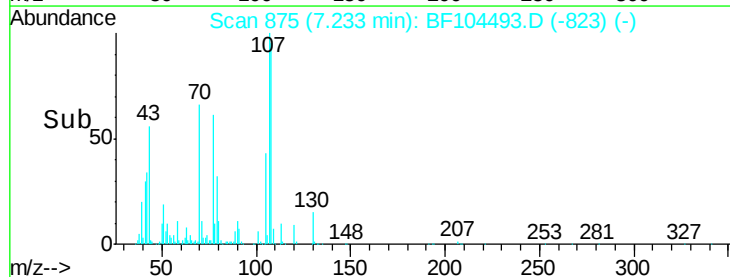
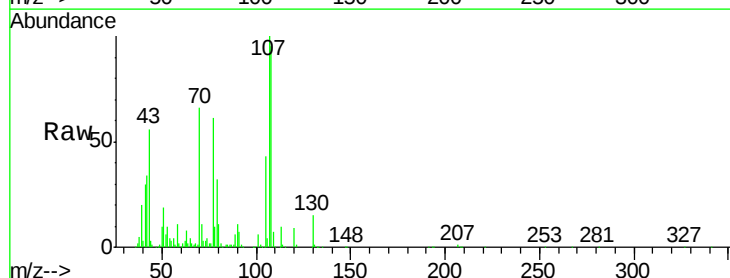
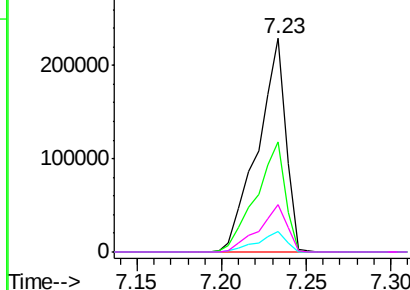
Abundance

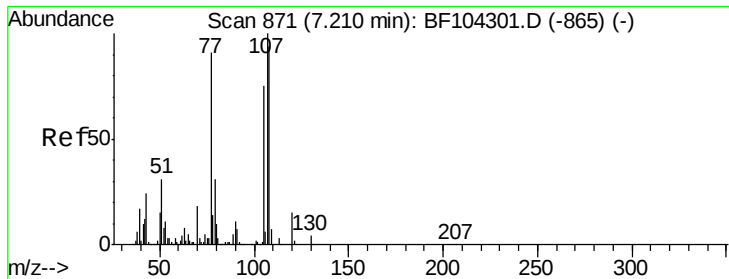
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 40.853 ng

RT: 7.23 min Scan# 875

Delta R.T. 0.01 min

Lab File: BF104493.D

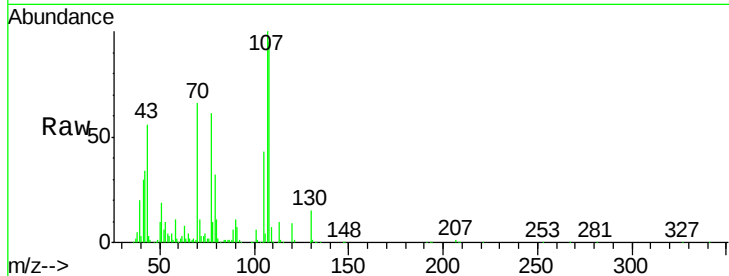
Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

ClientSampleId :

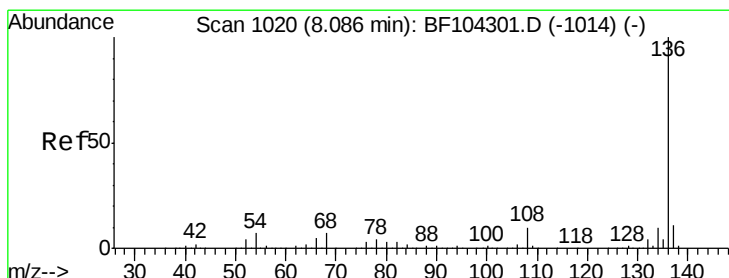
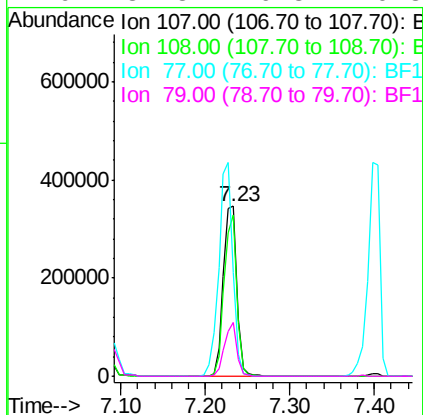
PB108218BS



Tot Ion	Ratio	Lower	Upper
107	100		
108	94.9	68.2	108.2
77	60.8	26.7	66.7
79	31.8	6.3	46.3

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#21

Naphthalene-d8

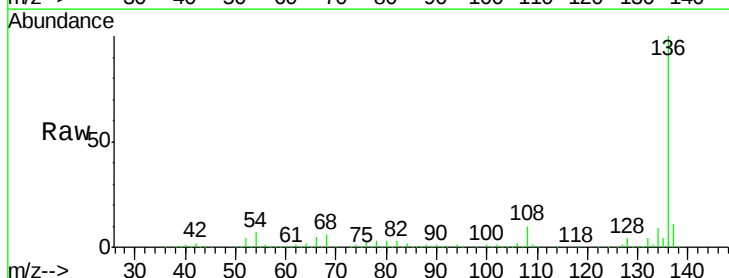
Concen: 20.000 ng

RT: 8.10 min Scan# 1022

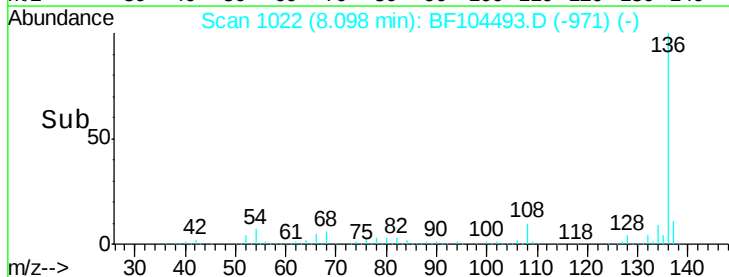
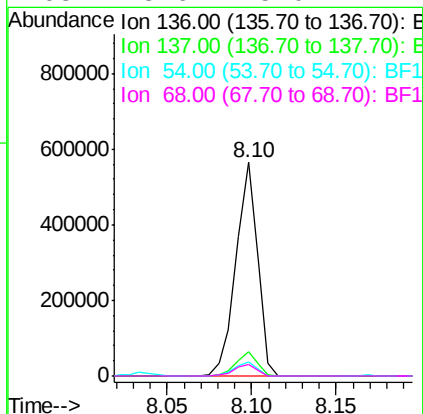
Delta R.T. -0.00 min

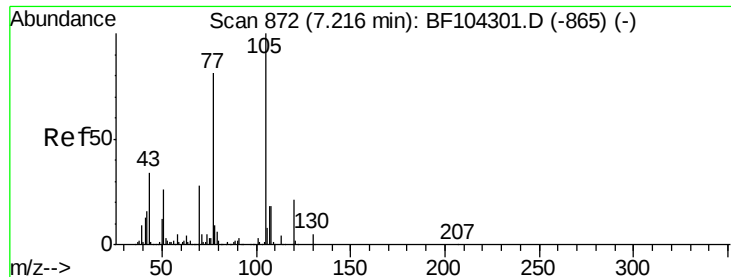
Lab File: BF104493.D

Acq: 13 Apr 2018 21:48



Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.7	6.6	9.8
68	5.6	5.0	7.4





#22

Acetophenone

Concen: 42.579 ng

RT: 7.22 min Scan# 873

Delta R.T. -0.01 min

Lab File: BF104493.D

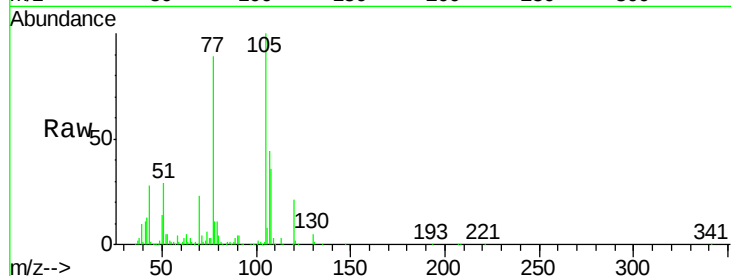
Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

ClientSampleId :

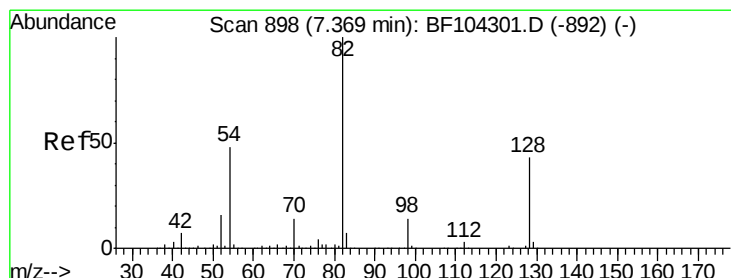
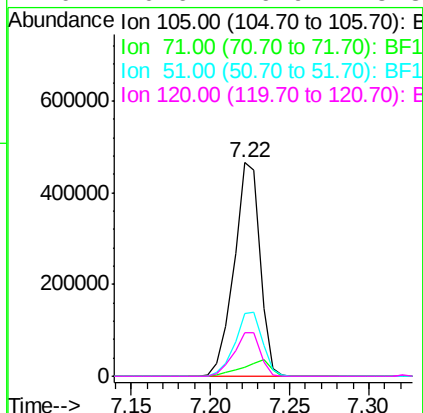
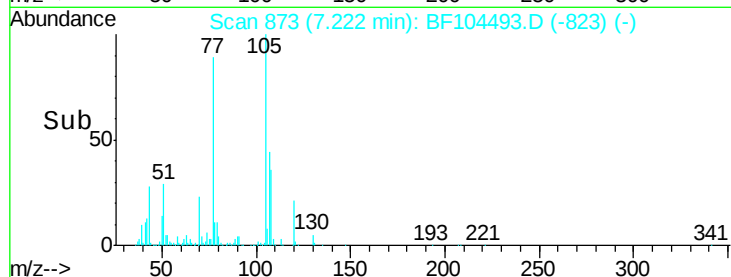
PB108218BS



Tot Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.9	4.4	6.6#	
51	29.3	22.3	33.5	
120	20.6	16.9	25.3	

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#23

Nitrobenzene-d5

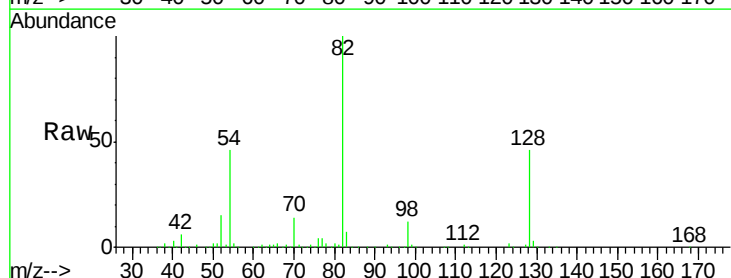
Concen: 94.275 ng

RT: 7.38 min Scan# 900

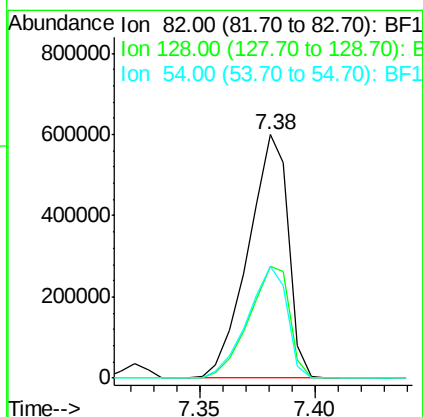
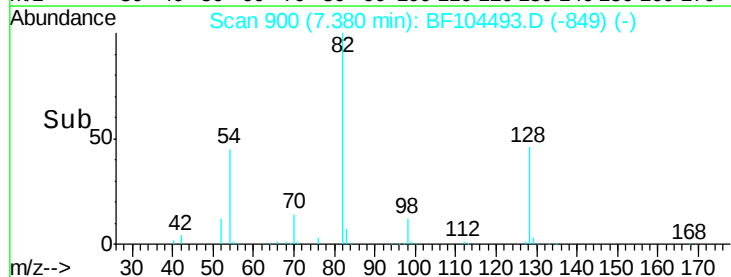
Delta R.T. -0.00 min

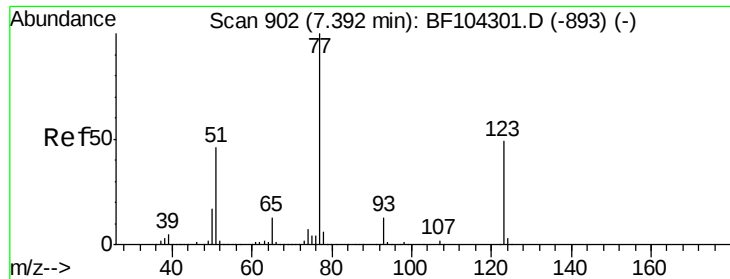
Lab File: BF104493.D

Acq: 13 Apr 2018 21:48



Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.8	36.1	54.1	
54	46.1	41.4	62.2	





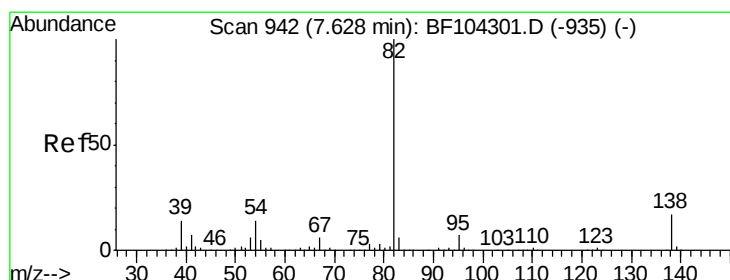
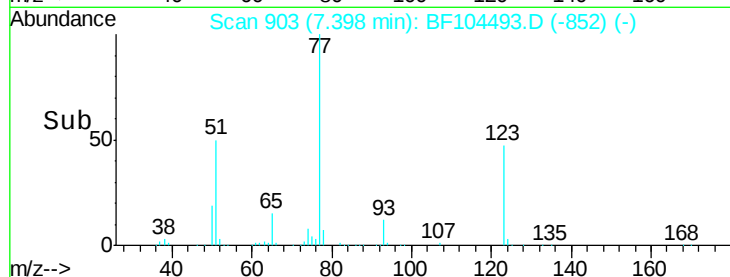
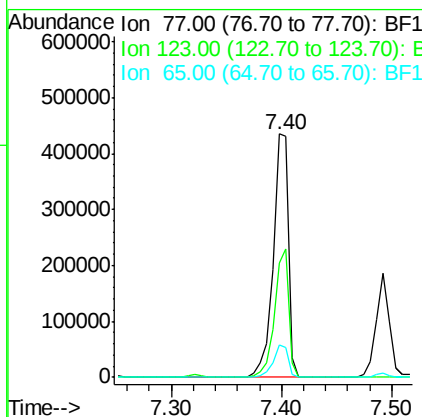
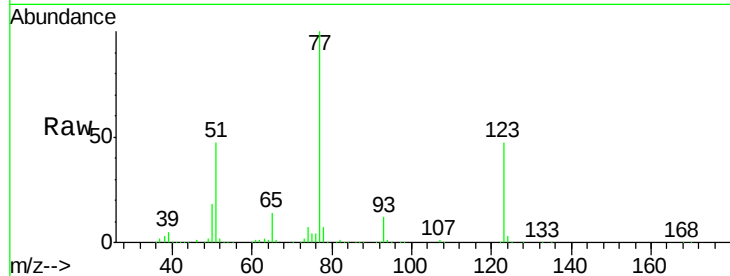
#24
Nitrobenzene
Concen: 49.776 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.9	56.9
65	13.6	11.0	16.4

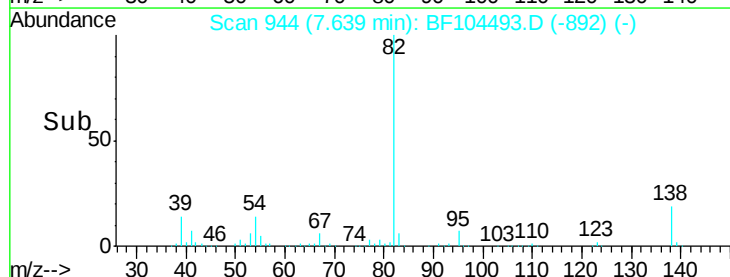
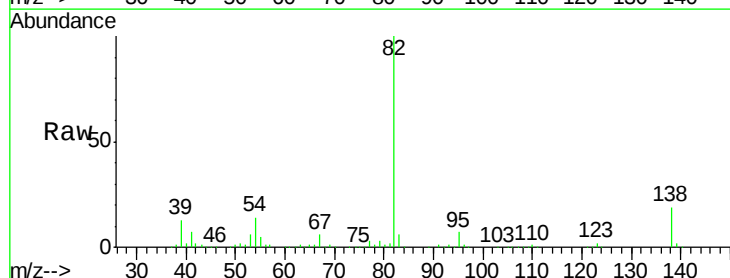
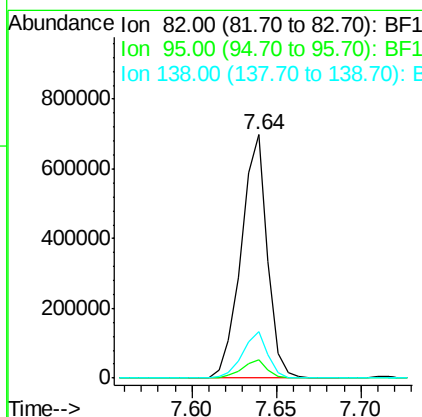
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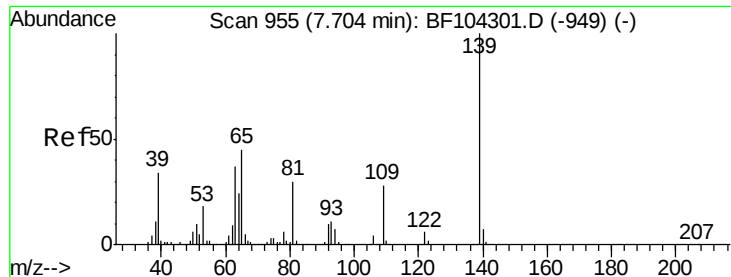
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#25
Isophorone
Concen: 46.313 ng
RT: 7.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.4	5.2	7.8
138	18.9	14.9	22.3





#26

2-Nitrophenol

Concen: 57.758 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

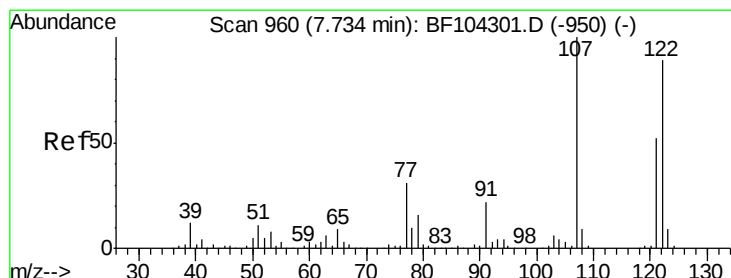
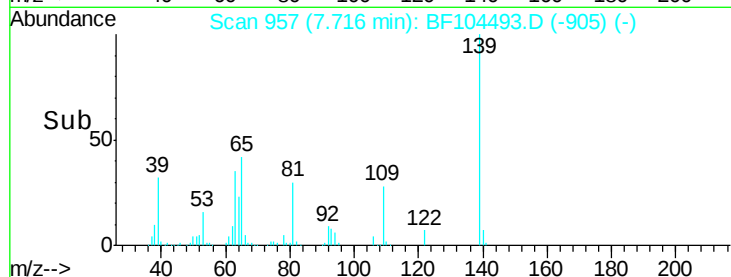
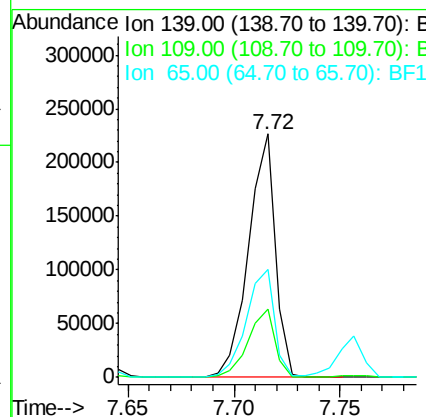
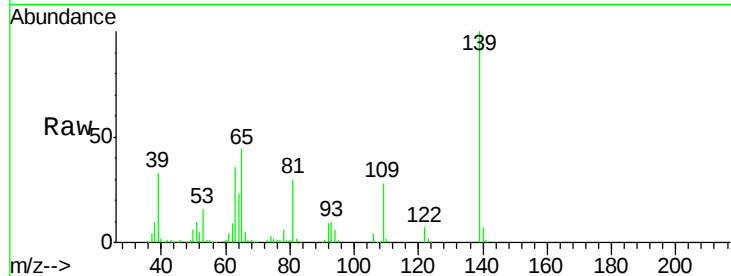
ClientSampleId :

PB108218BS

Tot Ion:	139	Resp:	199684
Ion Ratio	Lower	Upper	
139	100		
109	27.8	22.7	34.1
65	44.3	40.5	60.7

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#27

2,4-Dimethylphenol

Concen: 49.091 ng

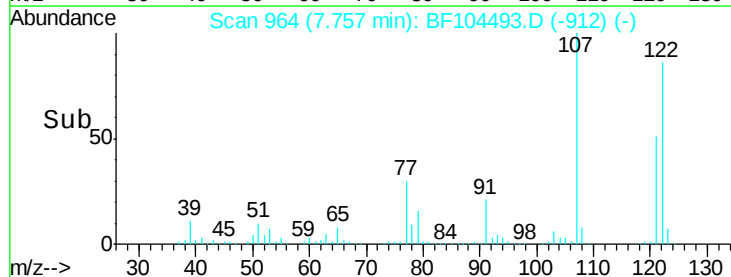
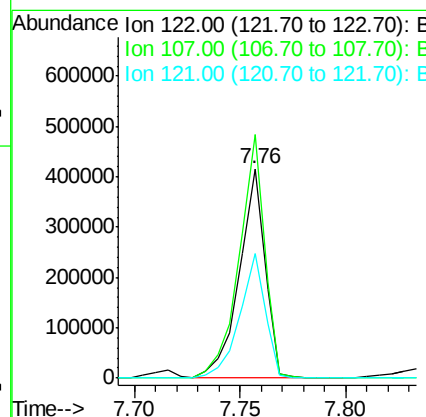
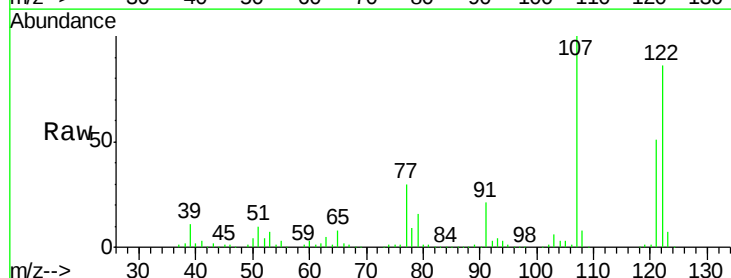
RT: 7.76 min Scan# 964

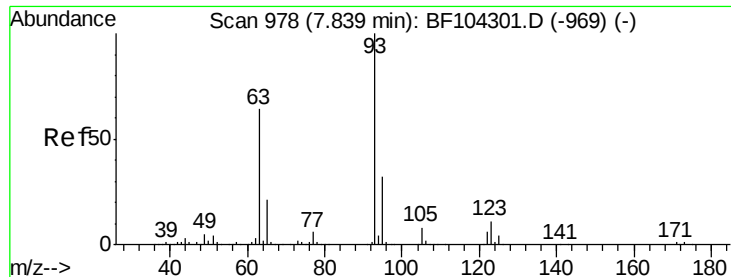
Delta R.T. 0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	122	Resp:	352396
Ion Ratio	Lower	Upper	
122	100		
107	116.1	91.2	136.8
121	59.4	47.2	70.8





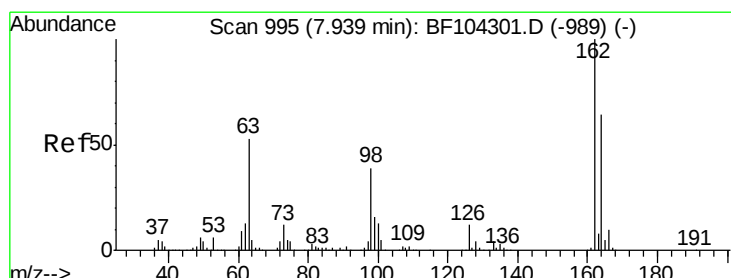
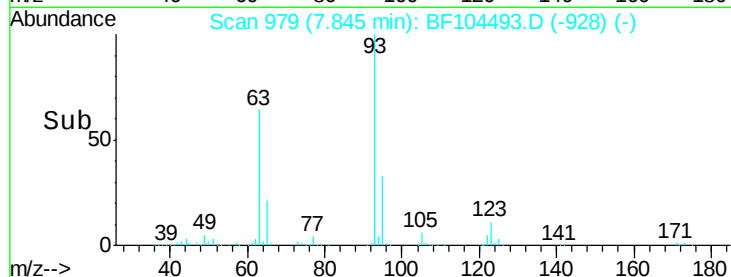
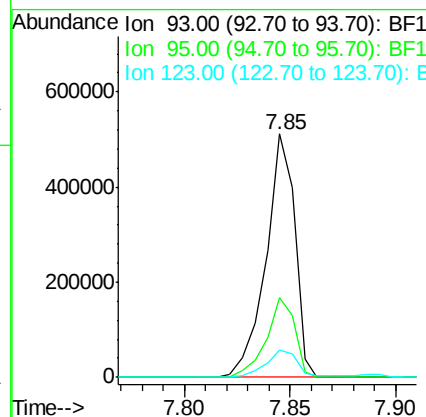
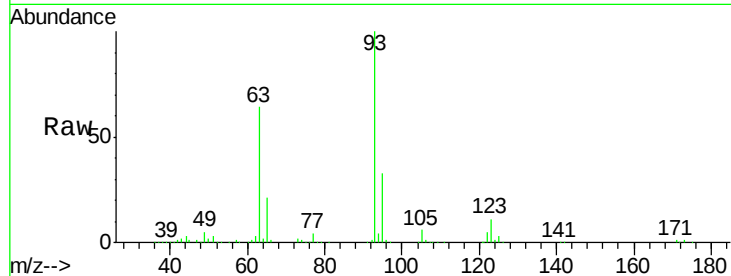
#28
bis(2-Chloroethoxy)methane
Concen: 48.979 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion:	93	Resp:	487085
Ion Ratio	Lower	Upper	
93	100		
95	33.0	26.3	39.5
123	11.3	9.8	14.6

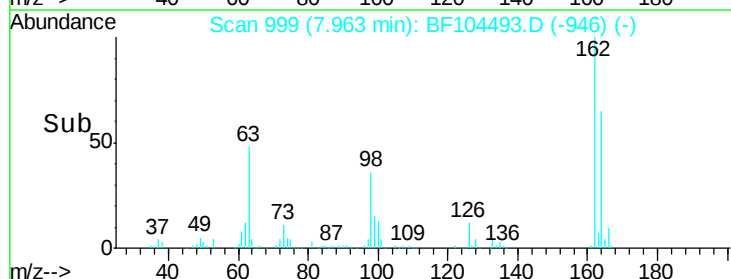
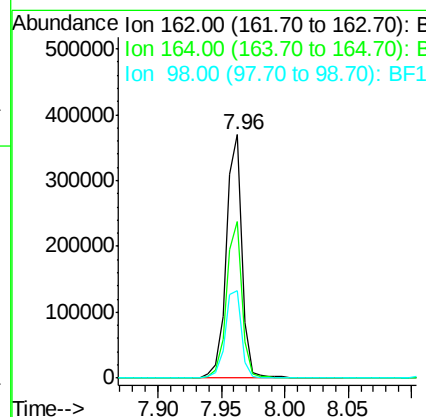
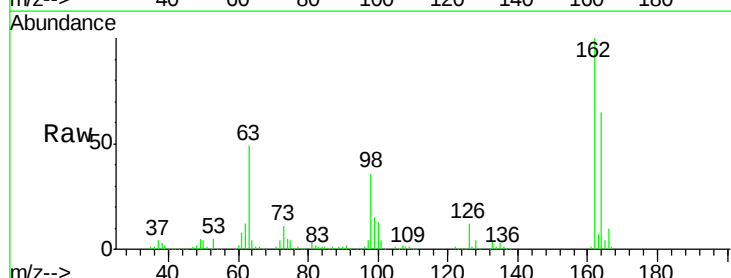
Manual Integrations
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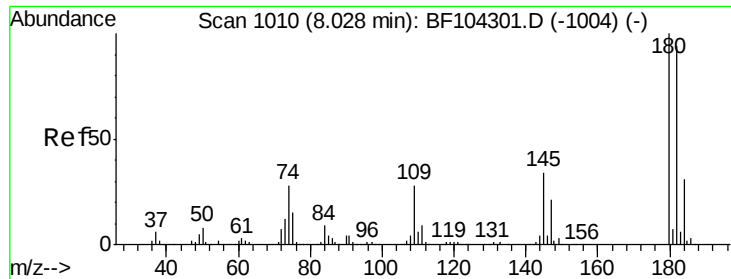
Sohil
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#29
2,4-Dichlorophenol
Concen: 46.778 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion:	162	Resp:	320395
Ion Ratio	Lower	Upper	
162	100		
164	64.5	42.7	82.7
98	35.9	18.1	58.1





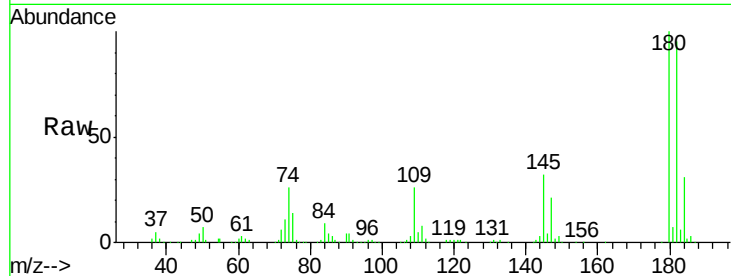
#30
1,2,4-Trichlorobenzene
Concen: 45.517 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

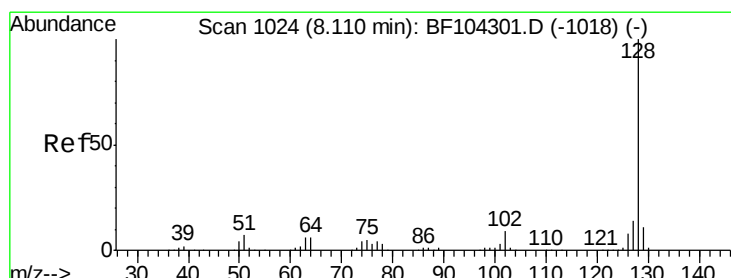
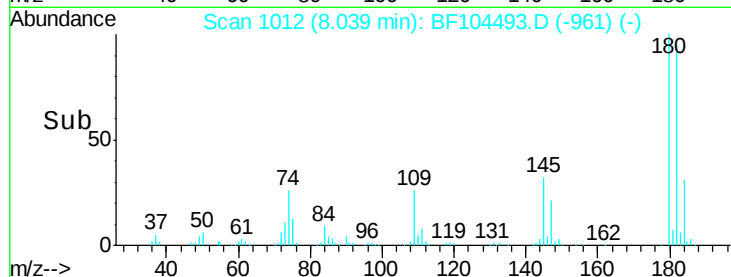
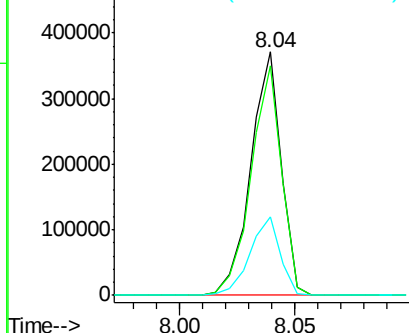
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	32.5	26.5	39.7

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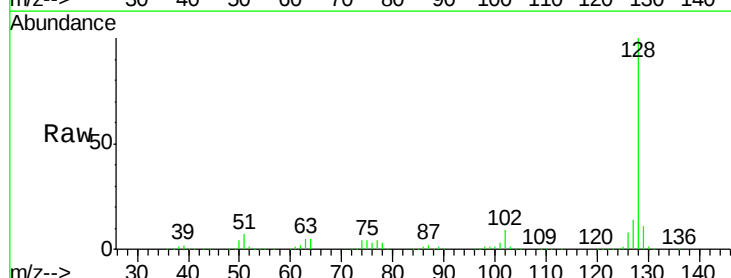


Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

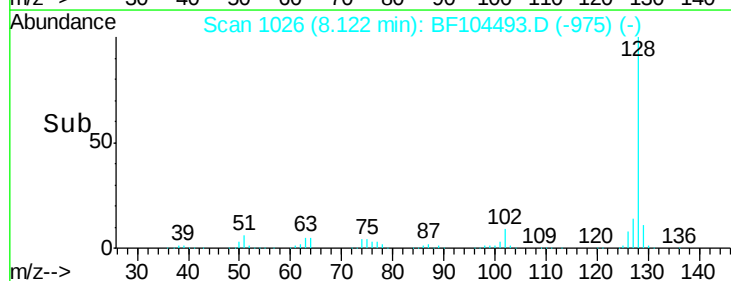
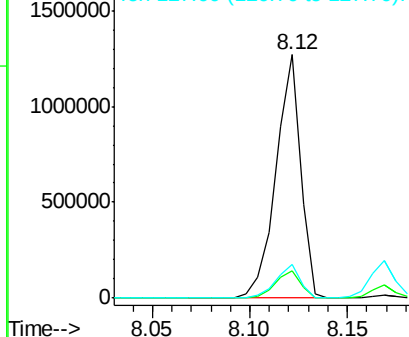


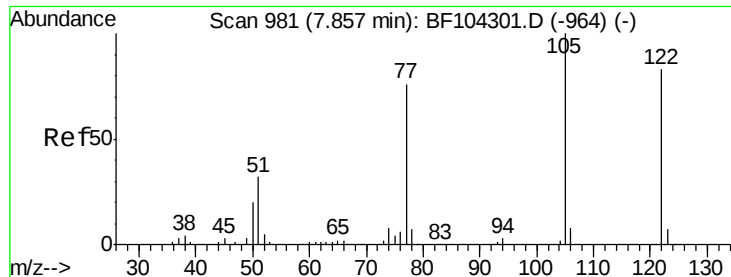
#31
Naphthalene
Concen: 44.565 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.8	13.2
127	13.8	10.9	16.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 32.993 ng

RT: 7.89 min Scan# 987

Delta R.T. 0.02 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

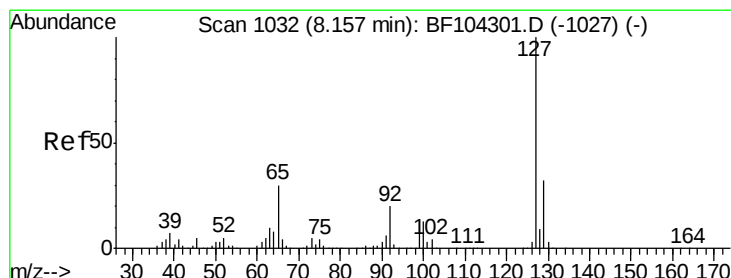
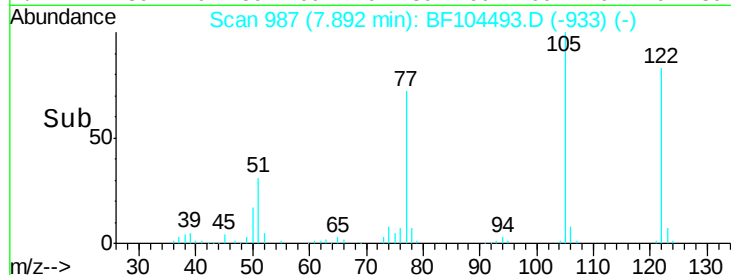
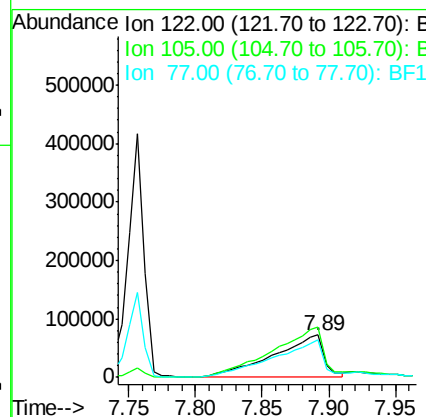
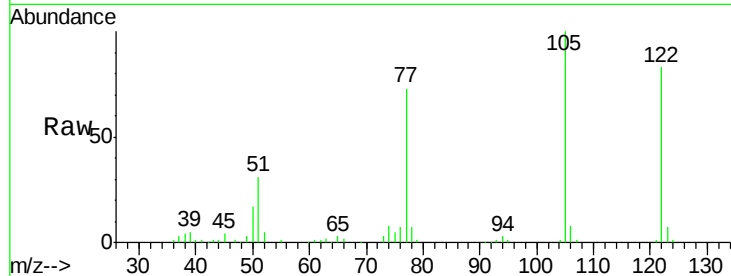
ClientSampled :

PB108218BS

Tot Ion:	122	Resp:	188971
Ion Ratio	Lower	Upper	
122	100		
105	119.9	101.1	141.1
77	87.7	70.7	110.7

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#33

4-Chloroaniline

Concen: 17.296 ng

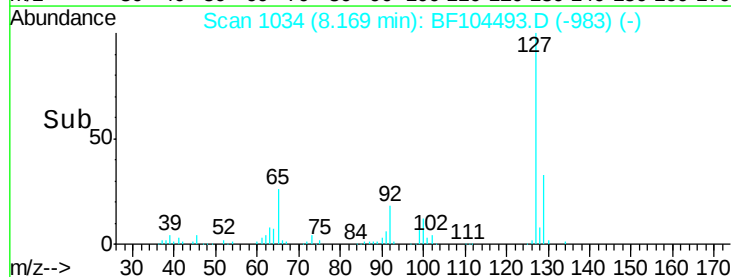
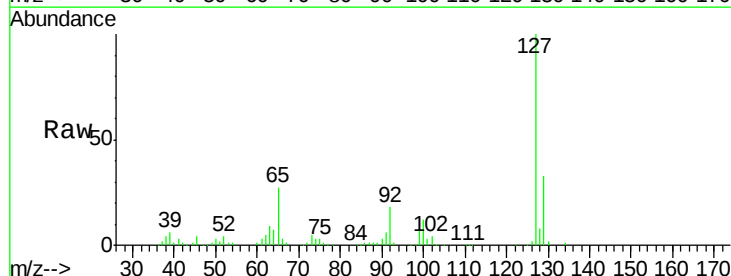
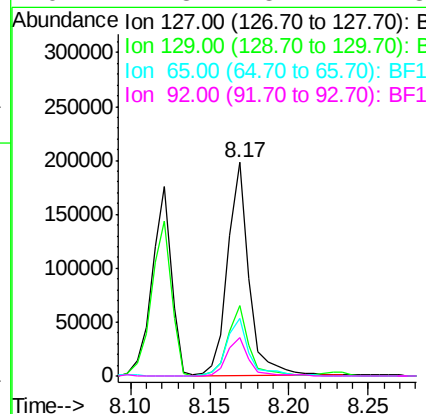
RT: 8.17 min Scan# 1034

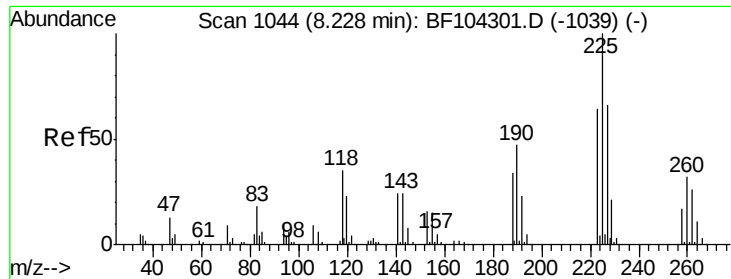
Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	127	Resp:	185325
Ion Ratio	Lower	Upper	
127	100		
129	33.1	25.9	38.9
65	27.2	25.0	37.4
92	17.8	15.2	22.8





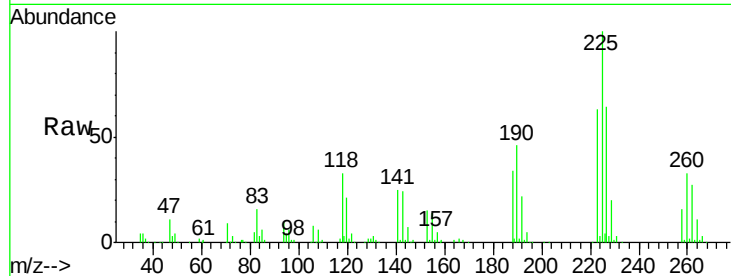
#34
Hexachlorobutadiene
Concen: 44.574 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

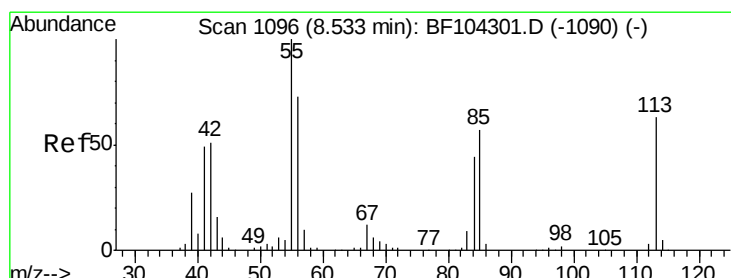
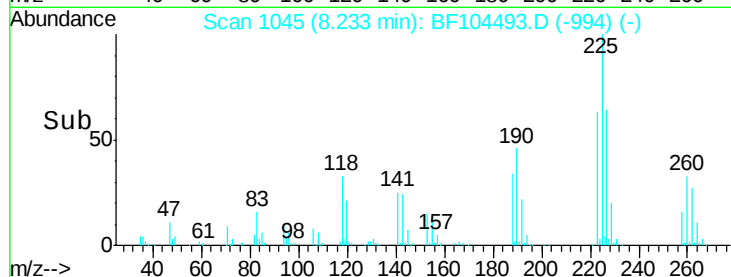
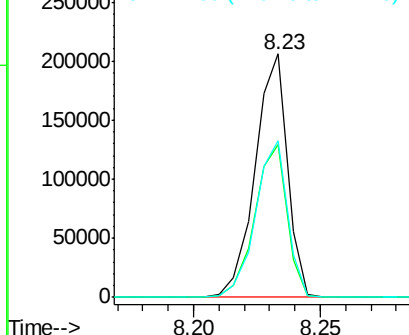
Tot Ion	Ratio	Resp	Lower	Upper
225	100	183524		
223	63.0		50.6	76.0
227	64.2		51.9	77.9

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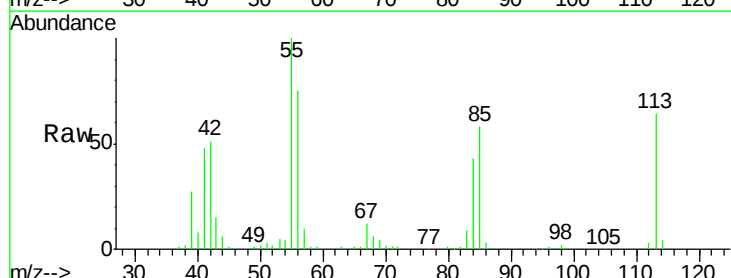


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

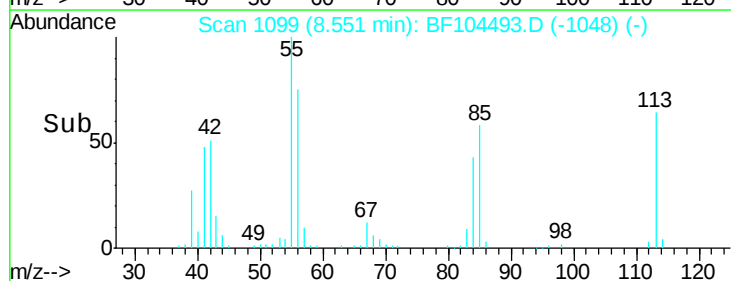
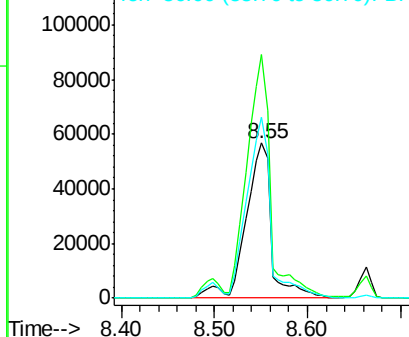


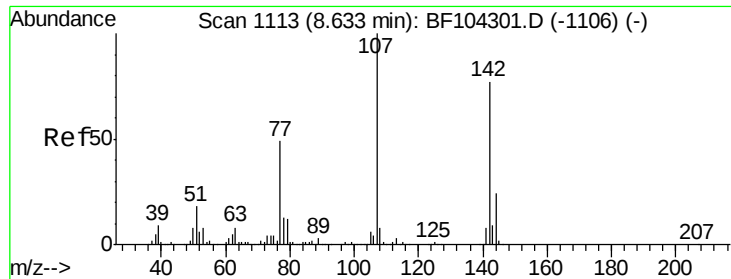
#35
Caprolactam
Concen: 44.968 ng m
RT: 8.55 min Scan# 1099
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	107446		
55	157.1		163.3	203.3#
56	117.1		115.7	155.7



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1





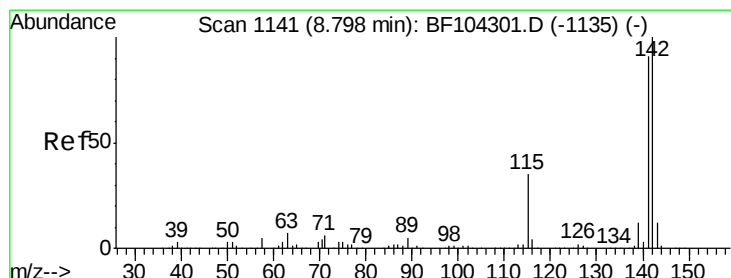
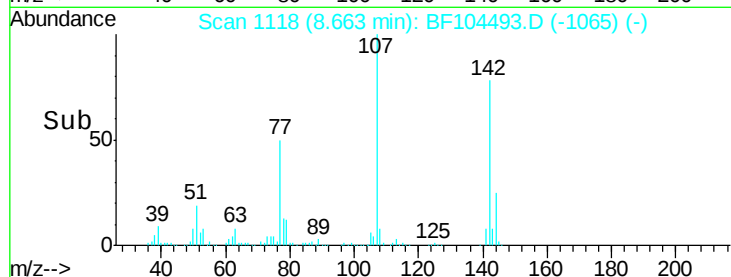
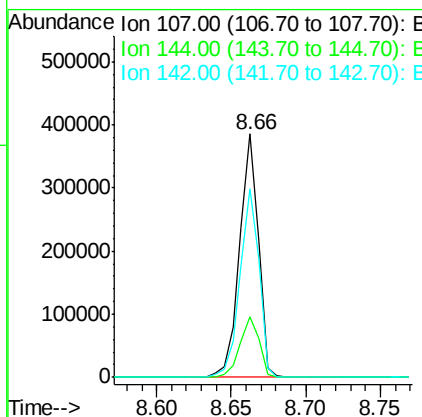
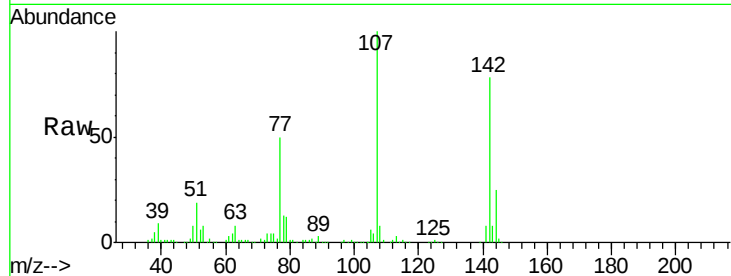
#36
 4-Chloro-3-methylphenol
 Concen: 46.422 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampleID :
 PB108218BS

Tot Ion	Ratio	Lower	Upper
107	100		
144	24.8	20.5	30.7
142	77.6	62.0	93.0

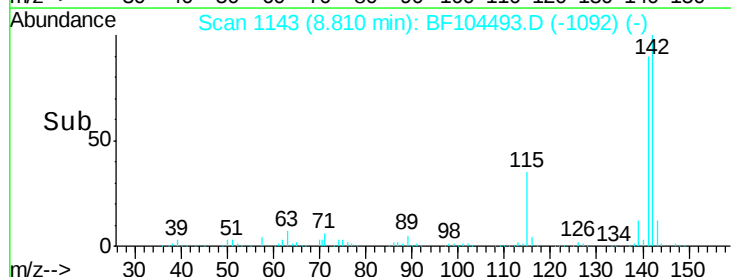
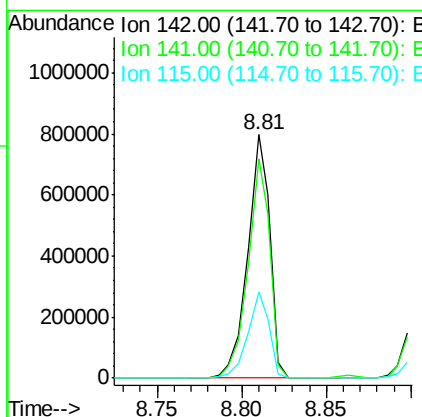
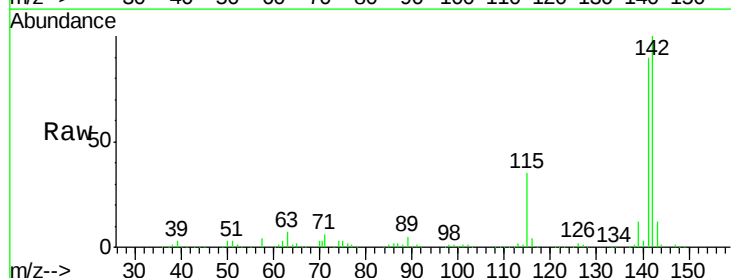
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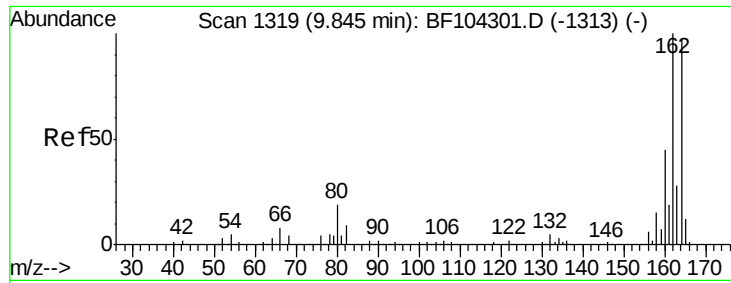
Sohil
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#37
 2-Methylnaphthalene
 Concen: 45.276 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	35.4	26.1	39.1





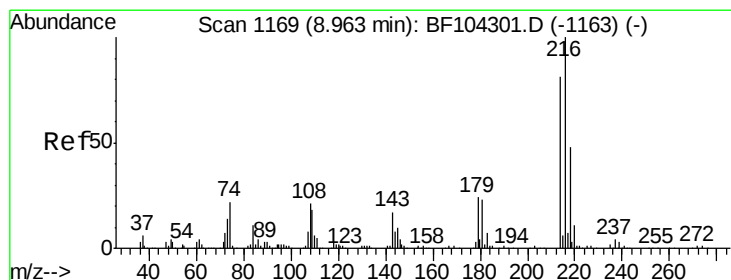
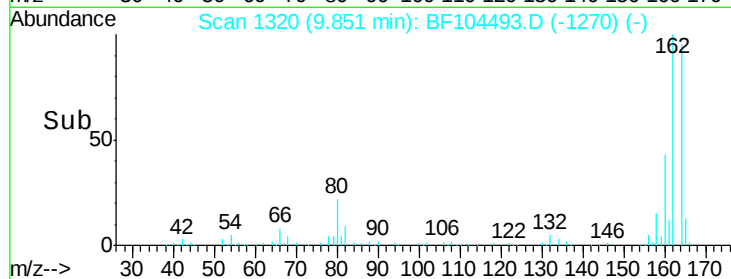
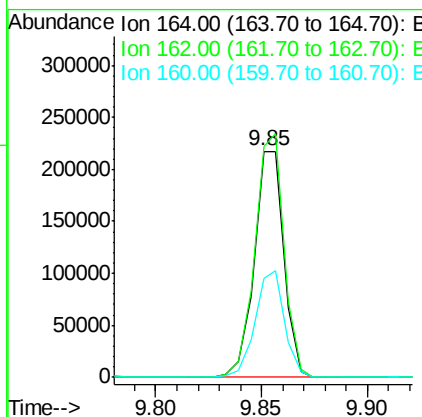
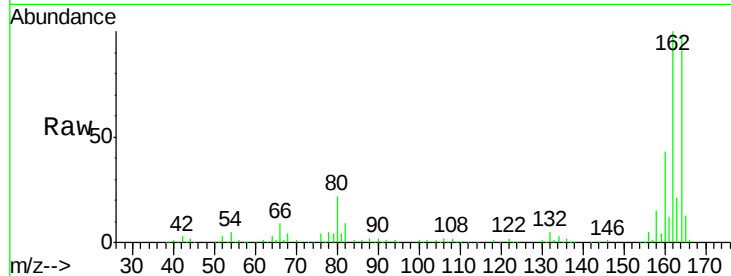
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	213055		
162	101.9	86.1	129.1	
160	44.0	38.3	57.5	

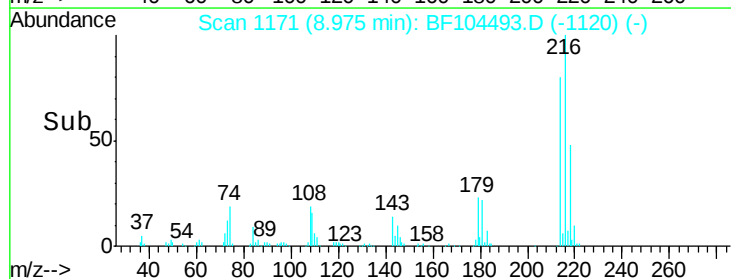
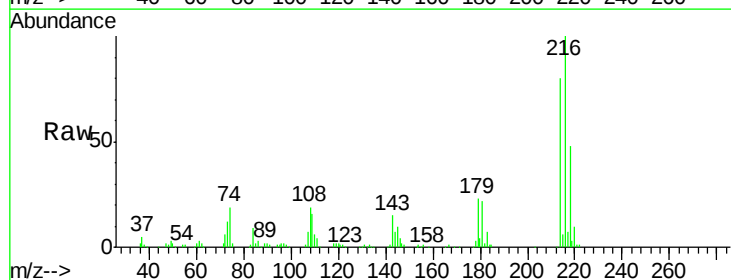
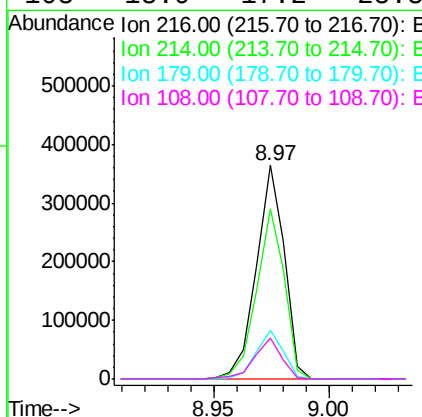
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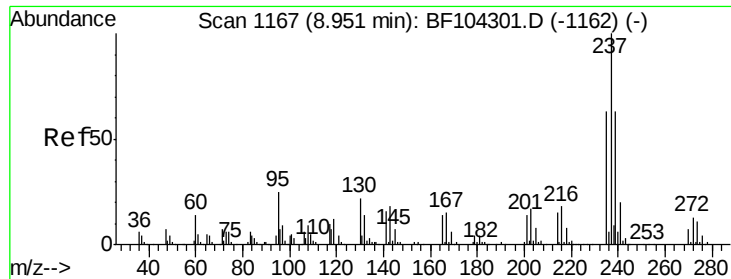
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#39
1,2,4,5-Tetrachlorobenzene
Concen: 50.688 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	309137		
214	79.1	63.0	94.4	
179	22.4	18.1	27.1	
108	18.9	17.2	25.8	





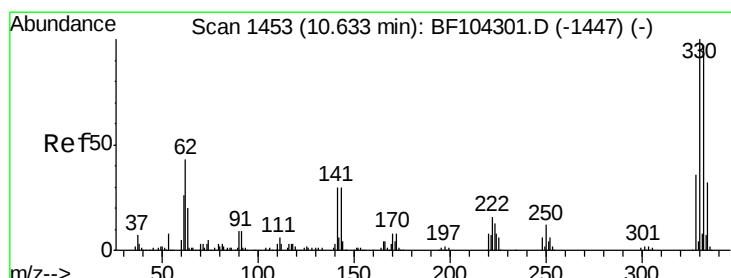
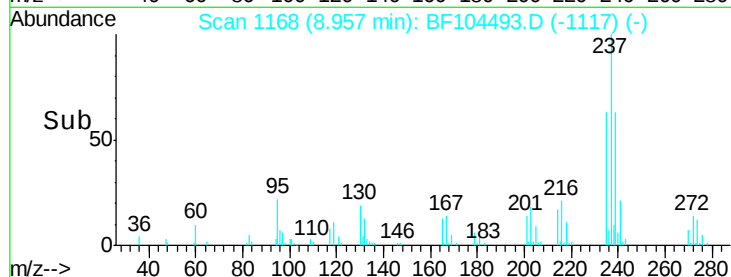
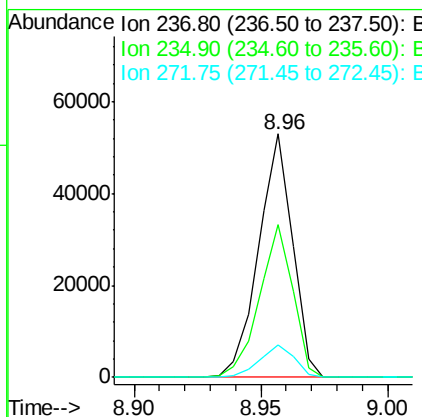
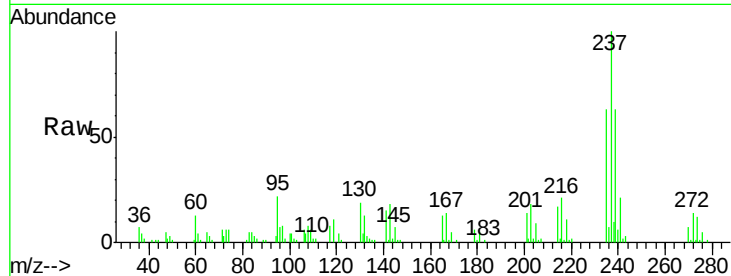
#40
Hexachlorocyclopentadiene
Concen: 14.364 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	49043		
235	62.9	44.8	84.8	
272	13.5	0.0	33.3	

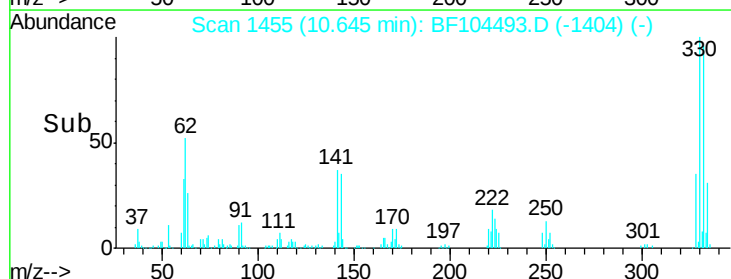
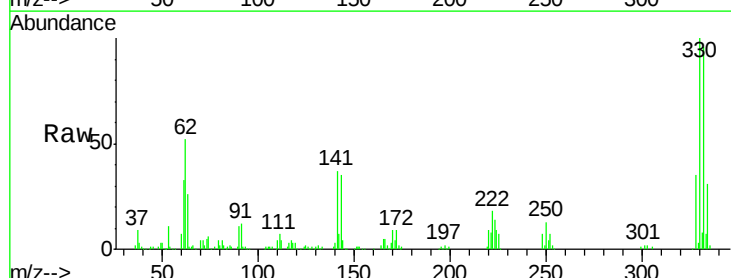
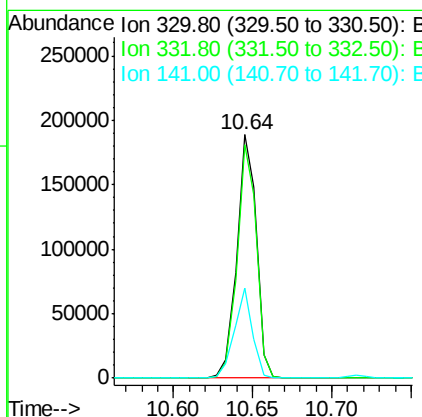
Manual Integrations
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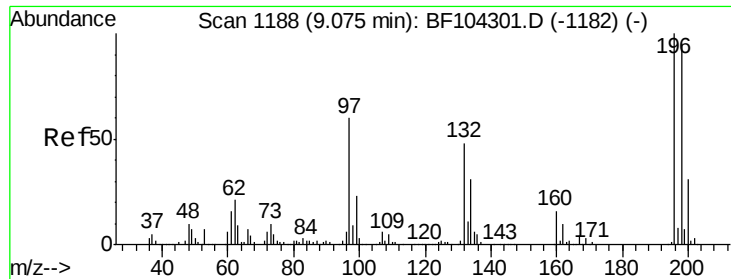
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#41
2,4,6-Tribromophenol
Concen: 73.203 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	161785		
332	94.8	77.0	115.6	
141	34.3	29.9	44.9	





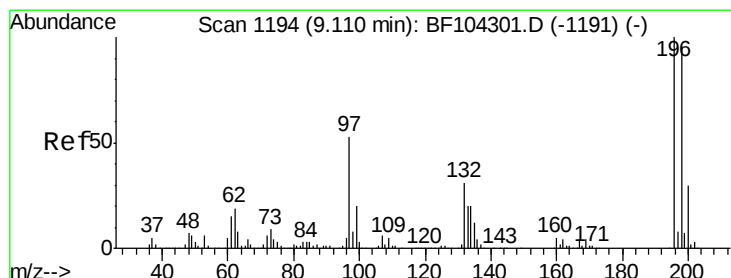
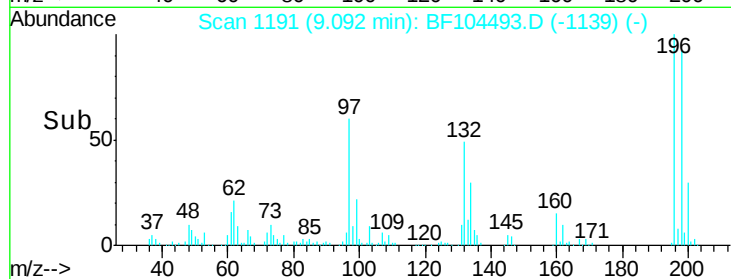
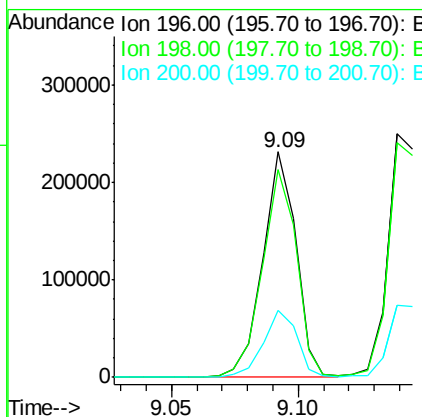
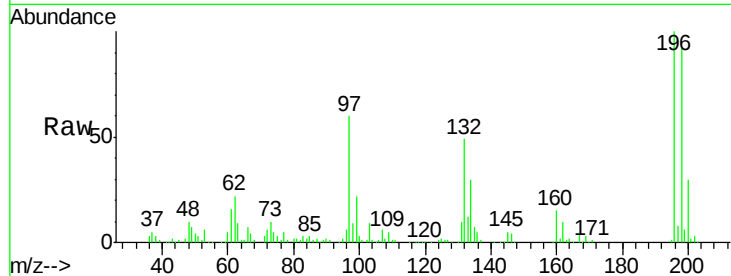
#42
 2,4,6-Trichlorophenol
 Concen: 50.183 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BS

Tot Ion:	196	Resp:	212462
Ion Ratio	Lower	Upper	
196	100		
198	92.1	75.7	113.5
200	29.8	24.5	36.7

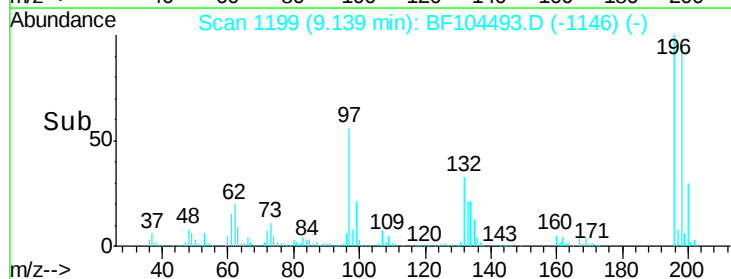
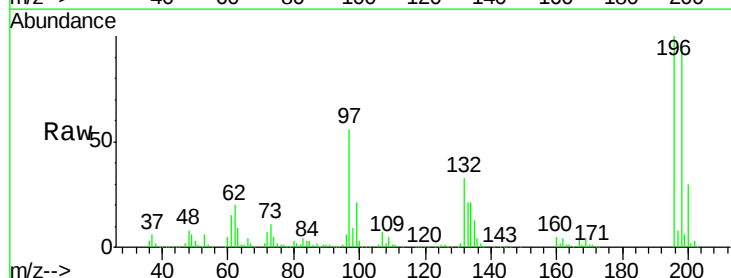
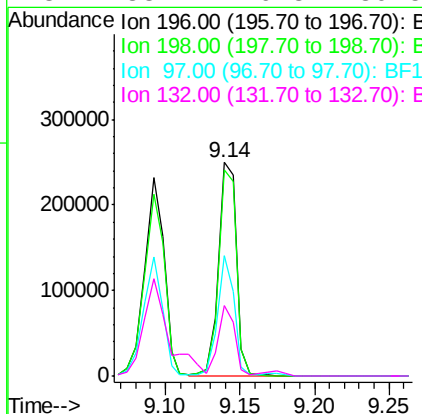
Manual Integrations
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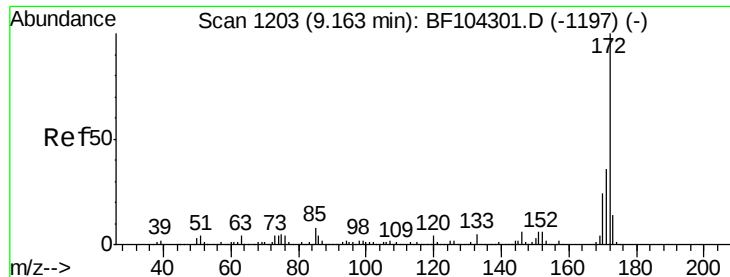
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#43
 2,4,5-Trichlorophenol
 Concen: 44.919 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion:	196	Resp:	212812
Ion Ratio	Lower	Upper	
196	100		
198	96.4	74.6	112.0
97	56.4	42.9	64.3
132	33.1	26.3	39.5





#44

2-Fluorobiphenyl

Concen: 90.615 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

ClientSampleId :

PB108218BS

Tot Ion:172 Resp: 1222085

Ion Ratio Lower Upper

172 100

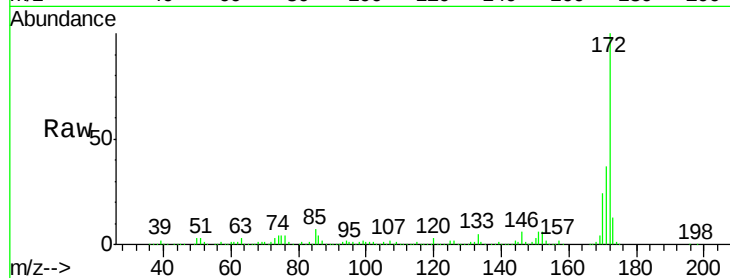
171 36.7 29.7 44.5

170 24.1 19.6 29.4

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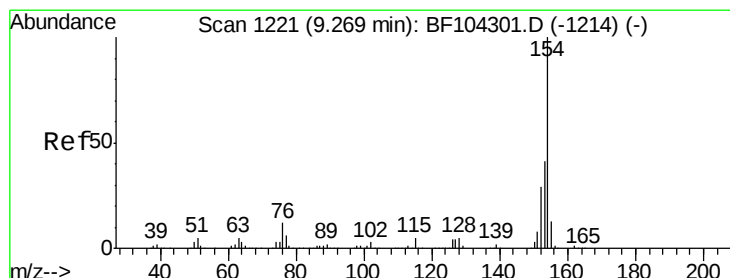
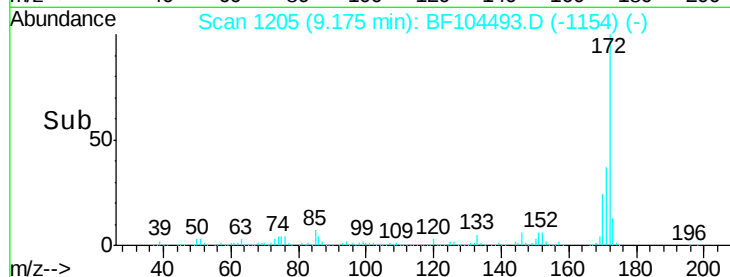
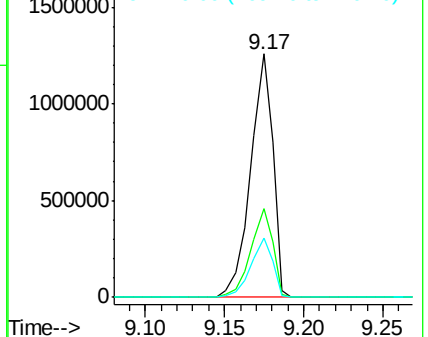
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Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 46.833 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

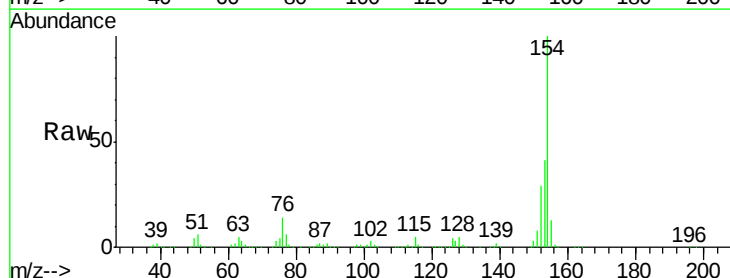
Tgt Ion:154 Resp: 838225

Ion Ratio Lower Upper

154 100

153 41.4 21.3 61.3

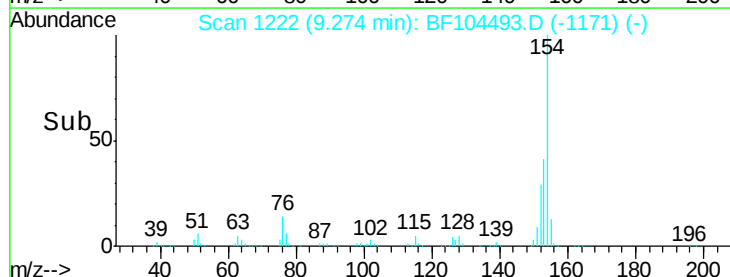
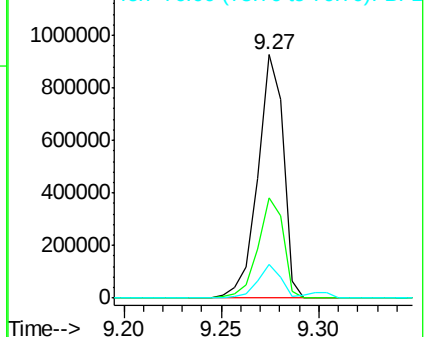
76 13.7 0.0 34.0

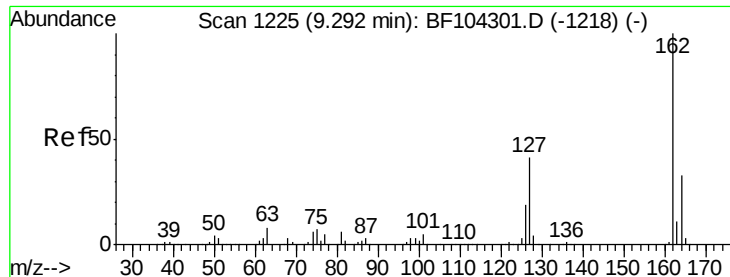


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





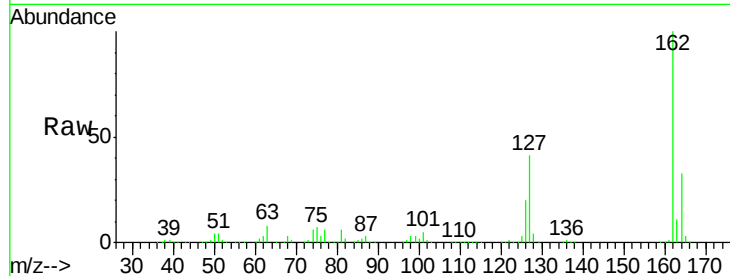
#46
2-Chloronaphthalene
Concen: 46.589 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

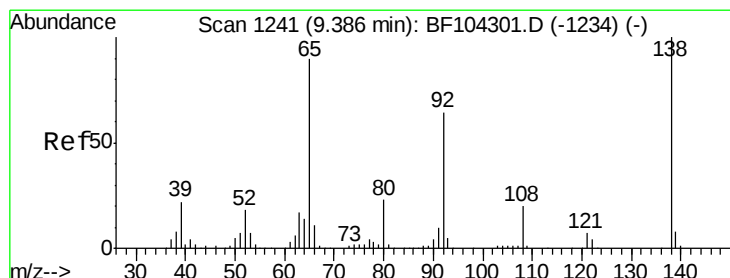
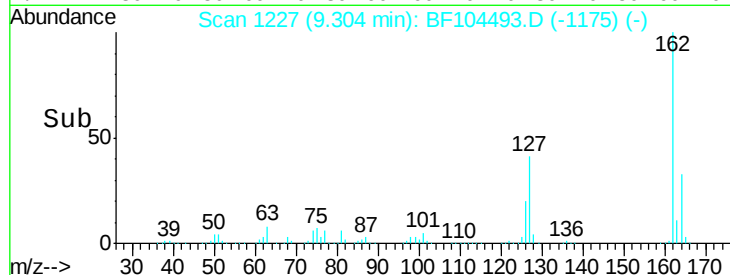
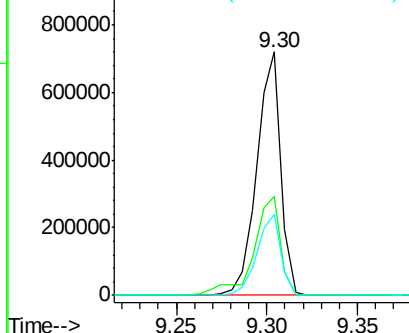
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
127	40.8	33.9	50.9
164	33.4	26.5	39.7

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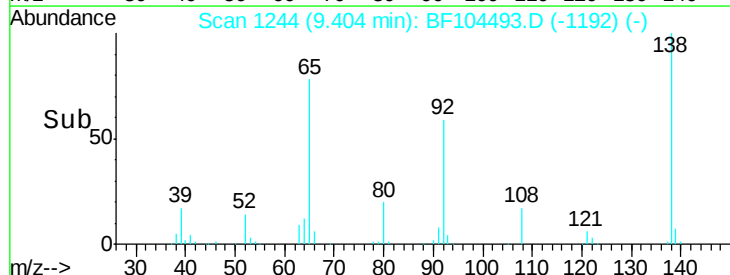
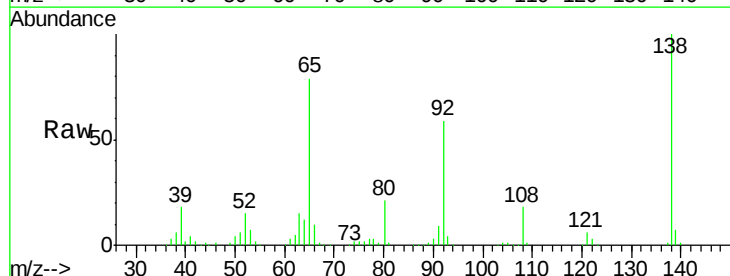
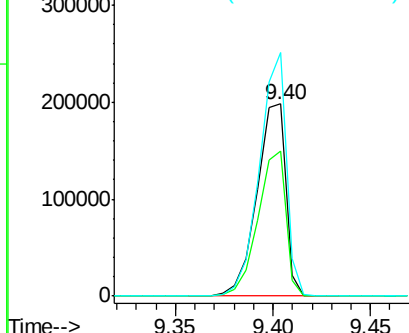
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

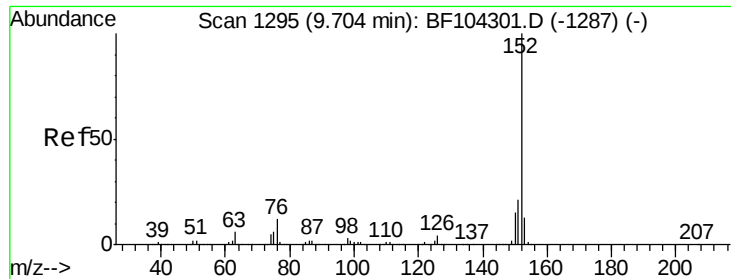


#47
2-Nitroaniline
Concen: 58.575 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
65	100		
92	75.4	55.8	83.6
138	126.9	91.2	136.8

Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 42.775 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

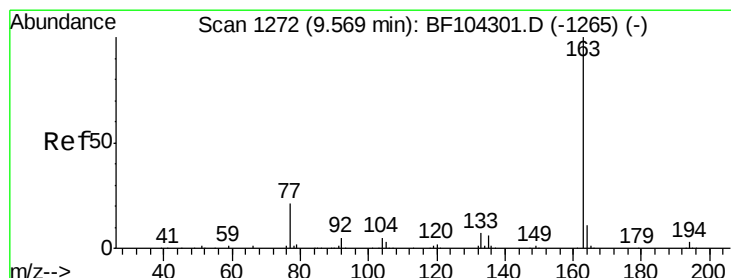
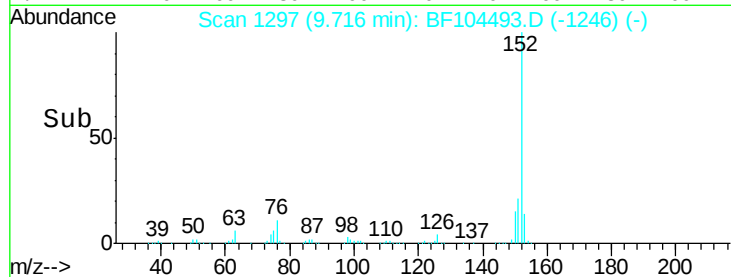
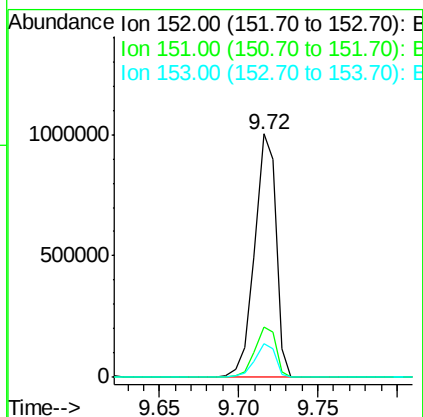
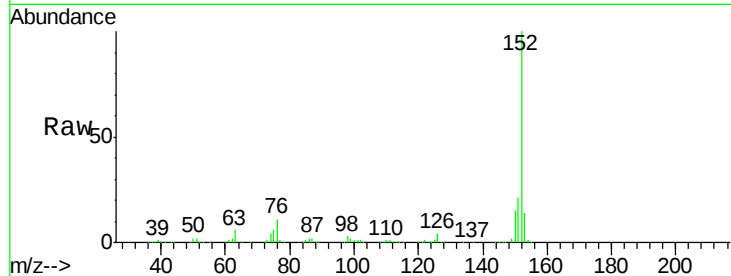
ClientSampleId :

PB108218BS

Tot Ion:	152	Resp:	948785
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.8	10.7	16.1

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#49

Dimethylphthalate

Concen: 47.761 ng

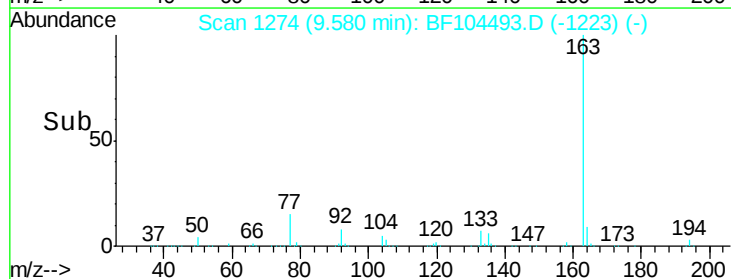
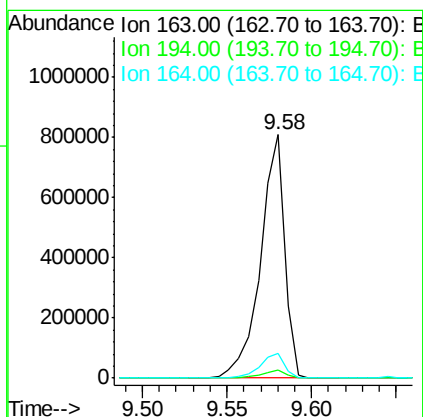
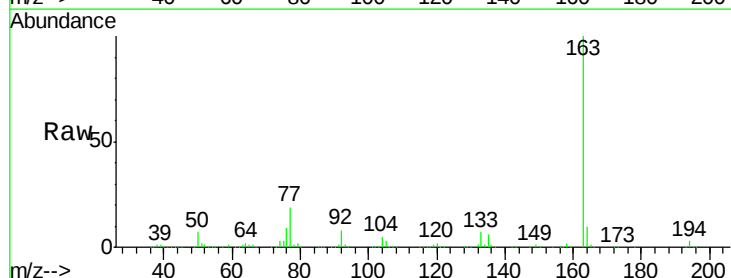
RT: 9.58 min Scan# 1274

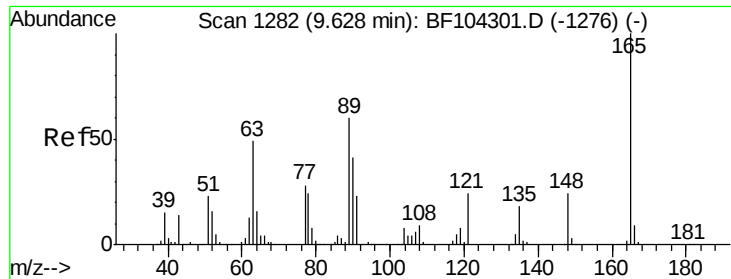
Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	163	Resp:	802440
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	10.0	8.2	12.2





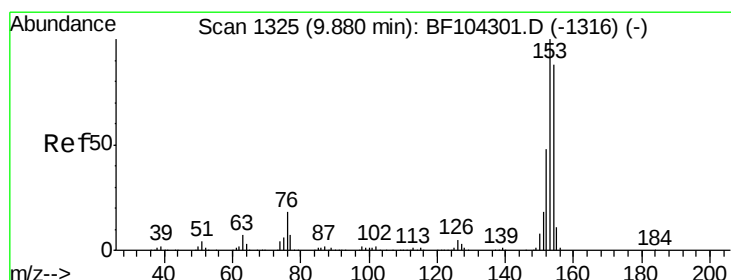
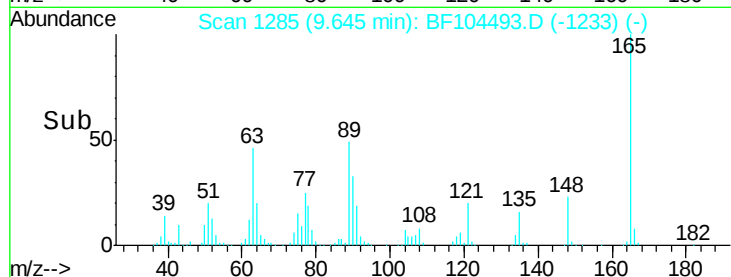
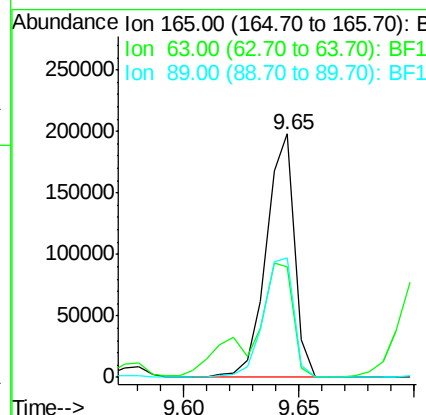
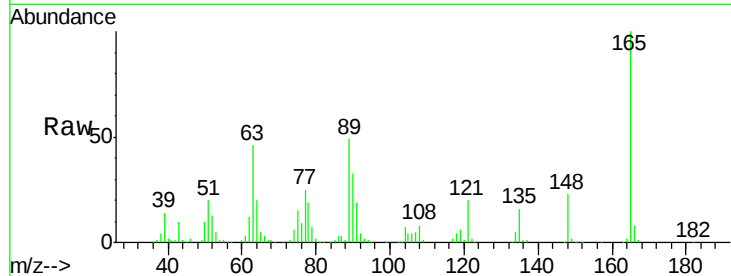
#50
2,6-Dinitrotoluene
Concen: 54.480 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampled :
PB108218BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	169369		
63	45.6	44.7	67.1	
89	49.1	44.0	66.0	

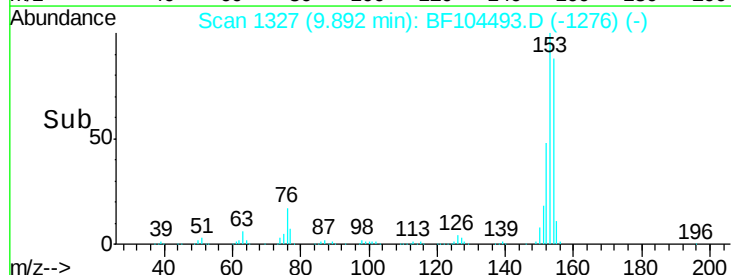
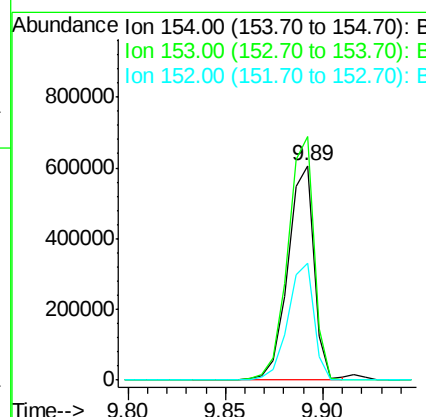
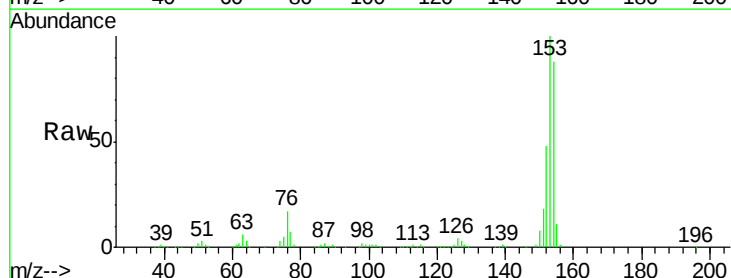
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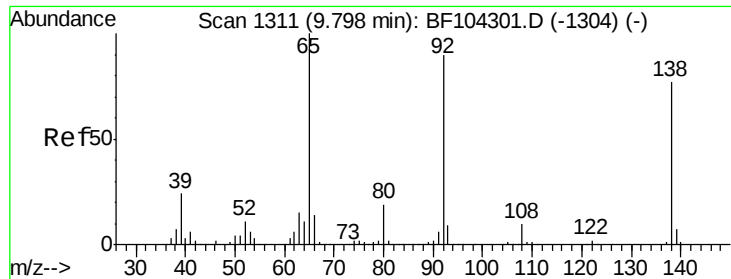
Sohil
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#51
Acenaphthene
Concen: 41.754 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	565075		
153	113.6	91.2	136.8	
152	54.7	43.8	65.8	





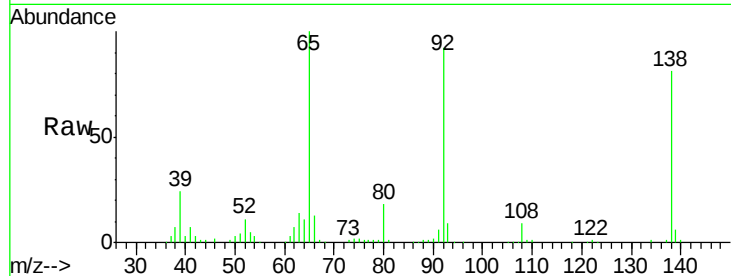
#52
3-Nitroaniline
Concen: 39.899 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

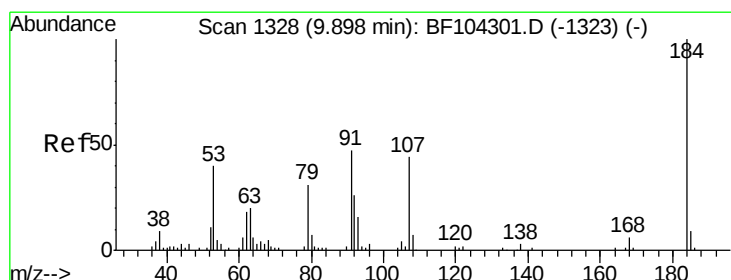
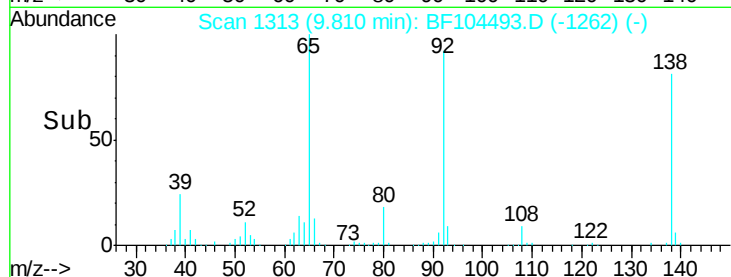
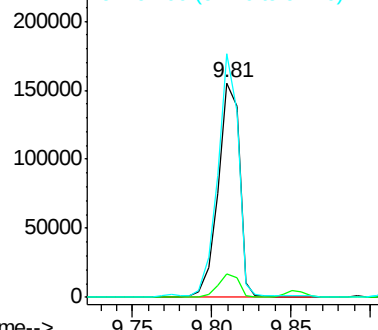
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.4	14.0
92	113.4	89.4	134.2

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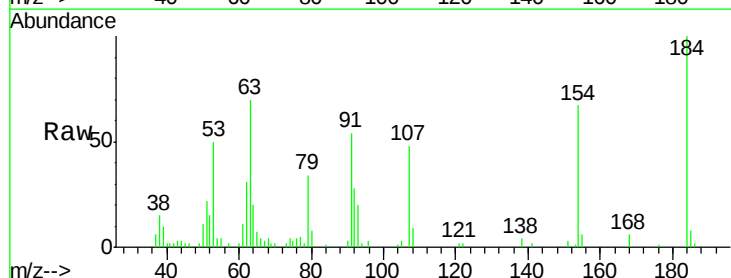


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

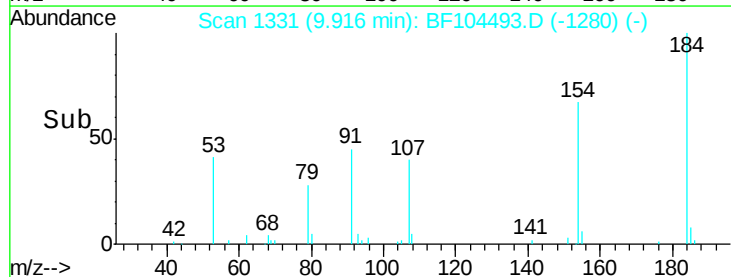
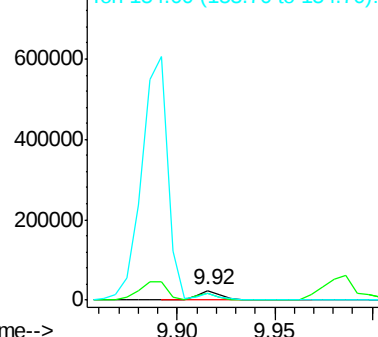


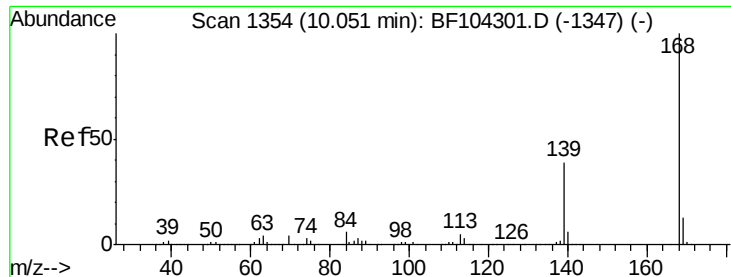
#53
2,4-Dinitrophenol
Concen: 26.253 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	69.9	54.2	81.2
154	67.1	184.0	276.0#



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





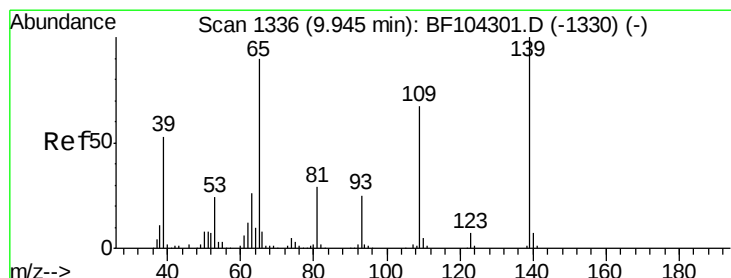
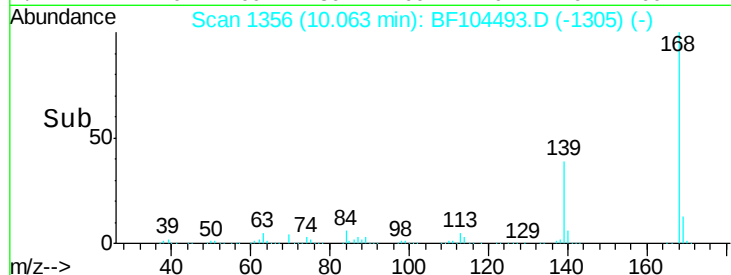
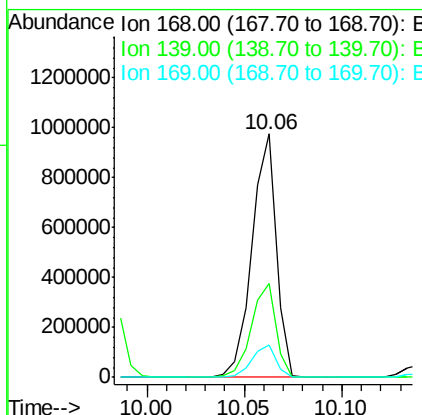
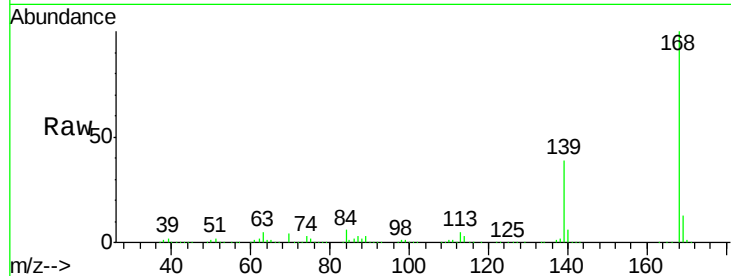
#54
Dibenzenofuran
Concen: 44.796 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	30.1	45.1
169	13.3	10.9	16.3

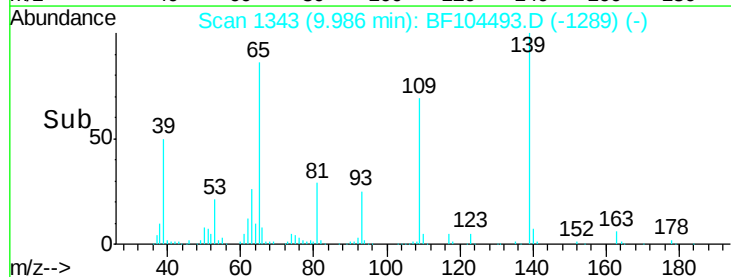
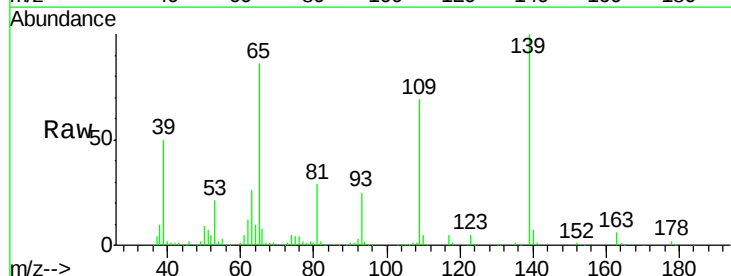
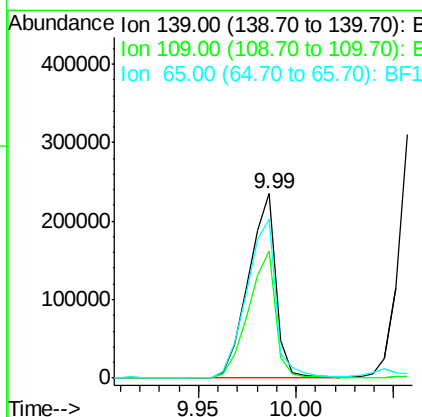
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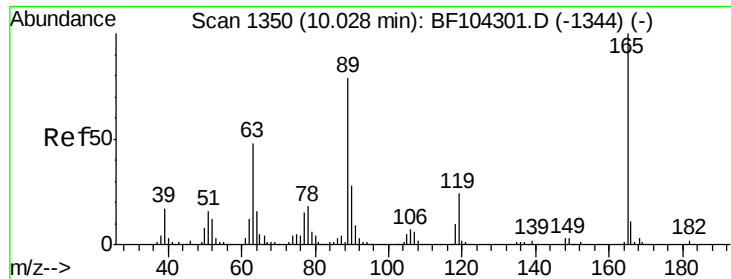
Sohil
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#55
4-Nitrophenol
Concen: 80.267 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.0	48.4	88.4
65	85.9	72.6	112.6





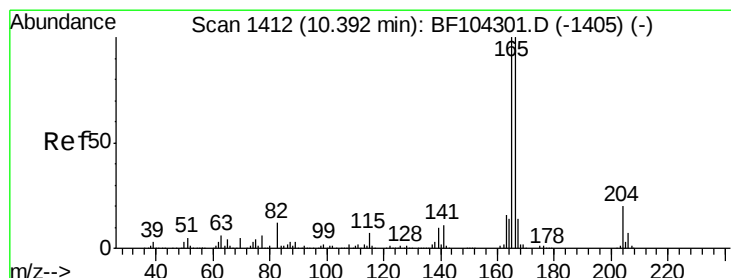
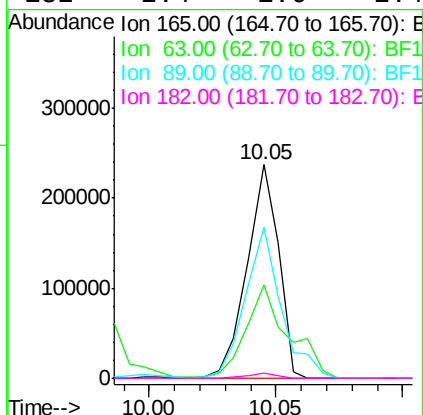
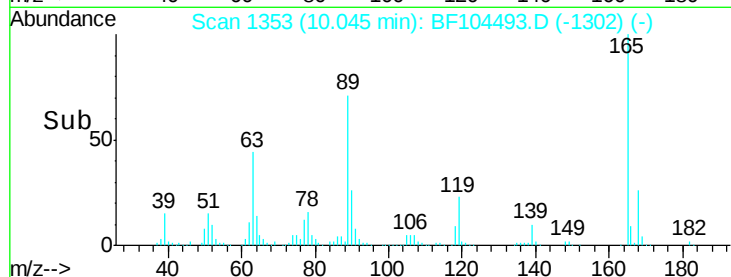
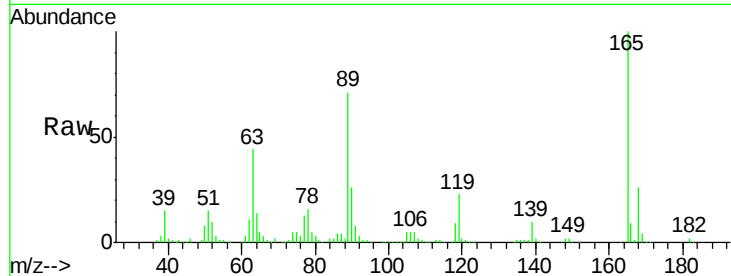
#56
2,4-Dinitrotoluene
Concen: 50.604 ng
RT: 10.05 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	206359		
63	43.5	36.4	54.6	
89	70.5	57.8	86.6	
182	2.4	1.6	2.4	

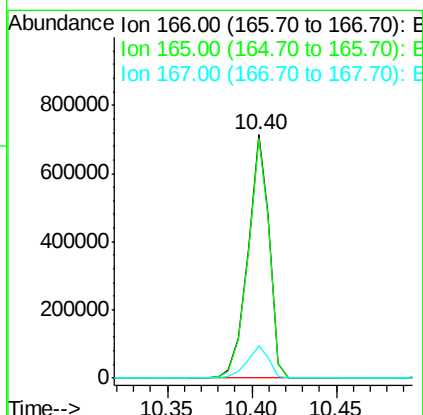
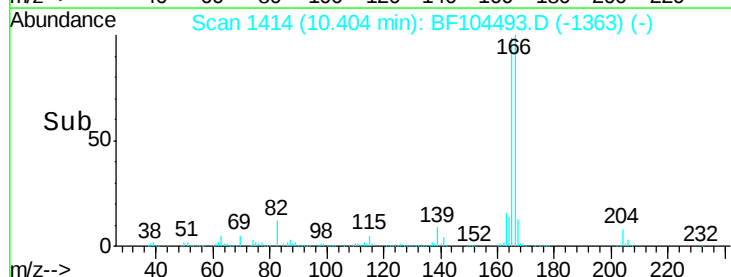
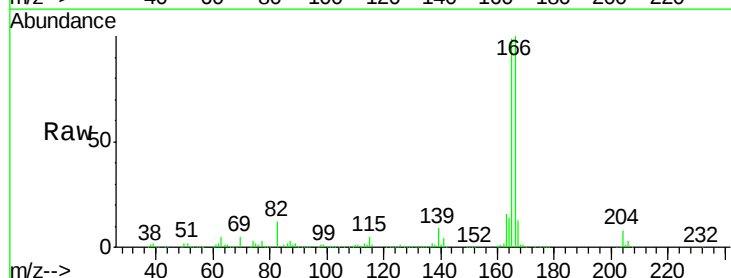
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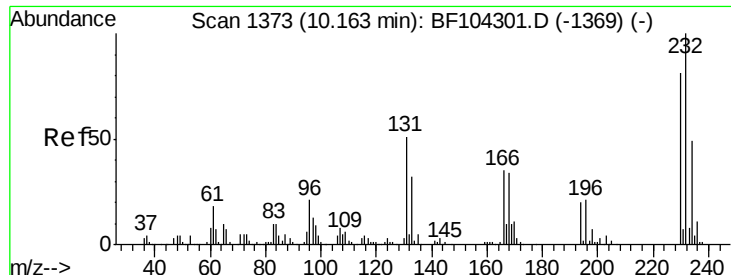
Sohil
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#57
Fluorene
Concen: 45.592 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	625881		
165	98.6	79.8	119.8	
167	13.3	10.6	16.0	





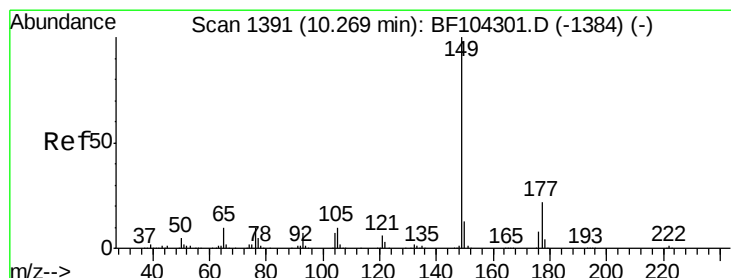
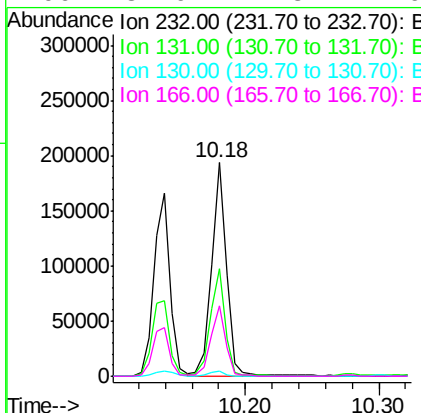
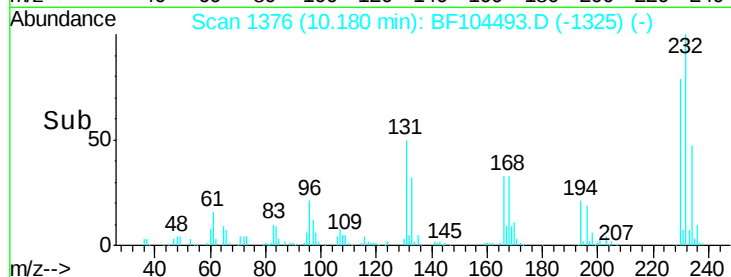
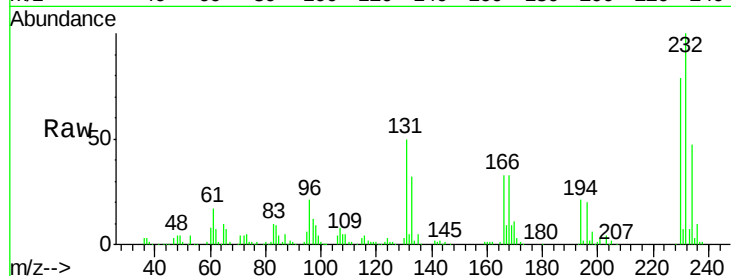
#58
2,3,4,6-Tetrachlorophenol
Concen: 43.137 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		152468		
131	49.5	43.8	65.8		
130	2.5	2.1	3.1		
166	32.9	27.8	41.6		

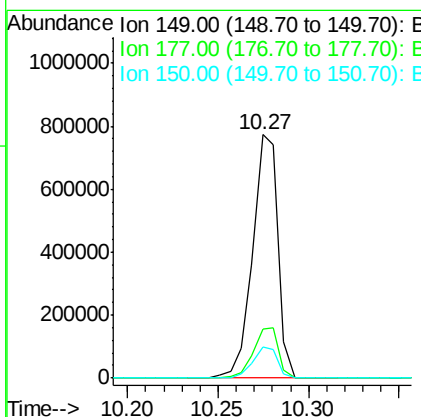
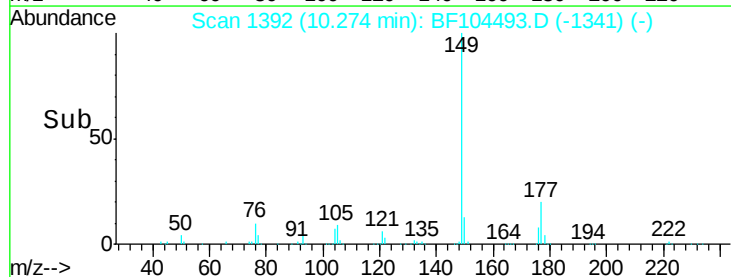
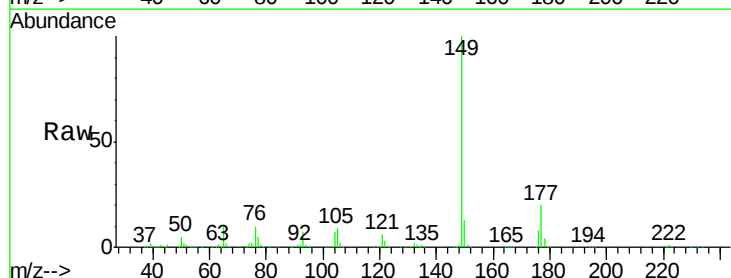
Manual Integrations
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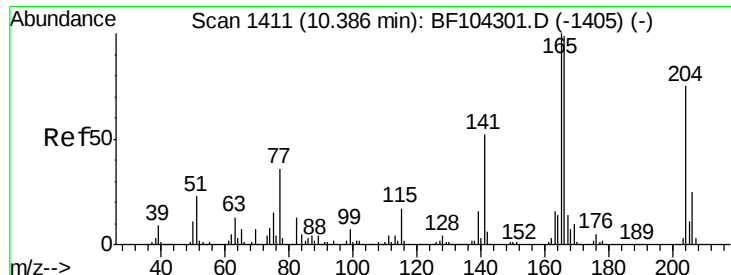
Sohil
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#59
Diethylphthalate
Concen: 44.702 ng
RT: 10.27 min Scan# 1392
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		747988		
177	20.3	16.1	24.1		
150	12.6	10.1	15.1		





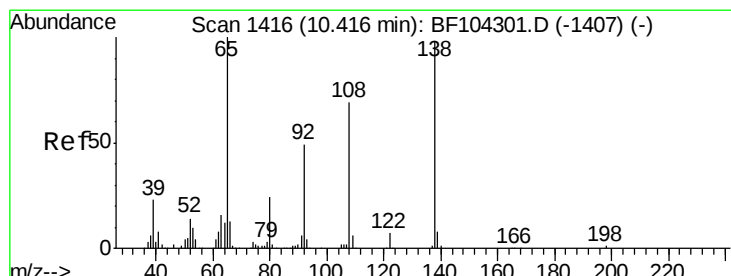
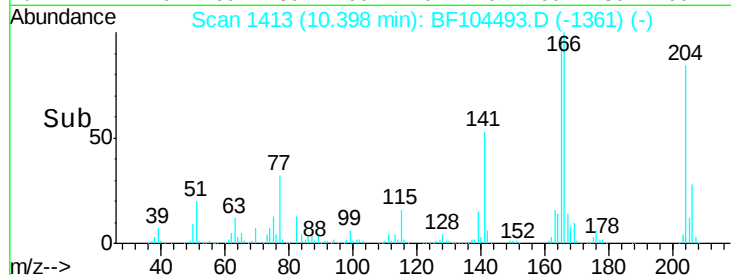
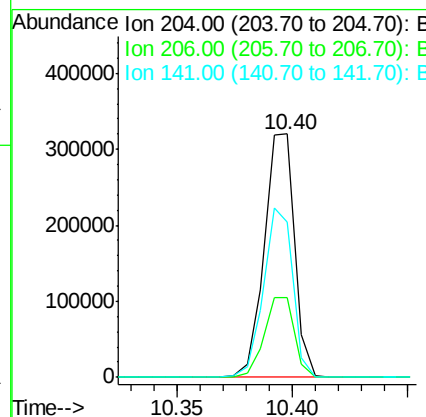
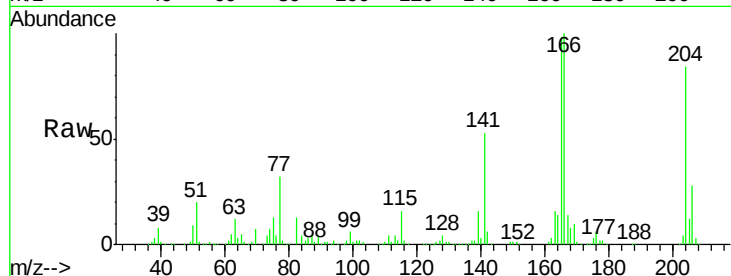
#60
 4-Chlorophenyl-phenylether
 Concen: 48.132 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.01 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampled :
 PB108218BS

Tot Ion:	204	Resp:	294258
Ion Ratio	Lower	Upper	
204	100		
206	32.9	26.5	39.7
141	63.6	54.6	81.8

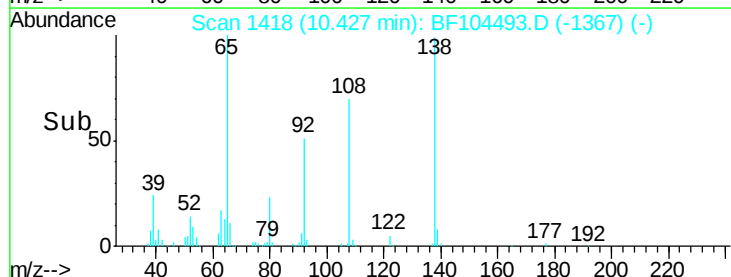
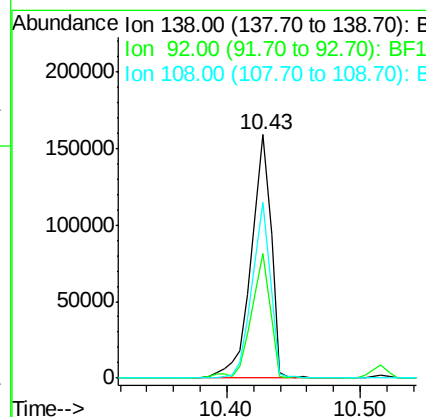
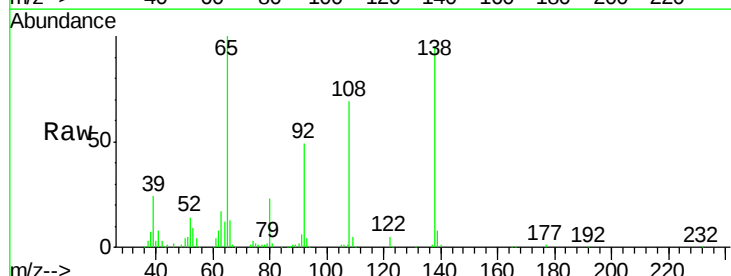
Manual Integrations
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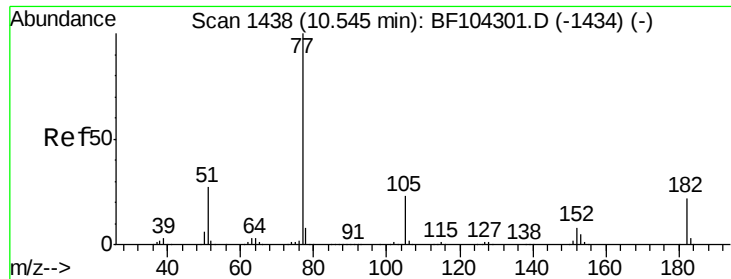
Sohil
 4/16/2018 3:10:28 PM



#61
 4-Nitroaniline
 Concen: 45.665 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion:	138	Resp:	162504
Ion Ratio	Lower	Upper	
138	100		
92	51.3	30.2	70.2
108	72.4	52.5	92.5





#62

Azobenzene

Concen: 41.492 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

ClientSampleId :

PB108218BS

Tot Ion: 77 Resp: 663295

Ion Ratio Lower Upper

77 100

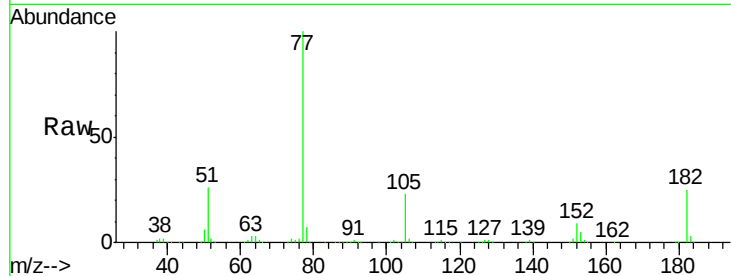
182 25.0 1.7 41.7

105 23.2 3.0 43.0

51 26.1 9.9 49.9

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Sohil
4/16/2018 3:10:28 PM

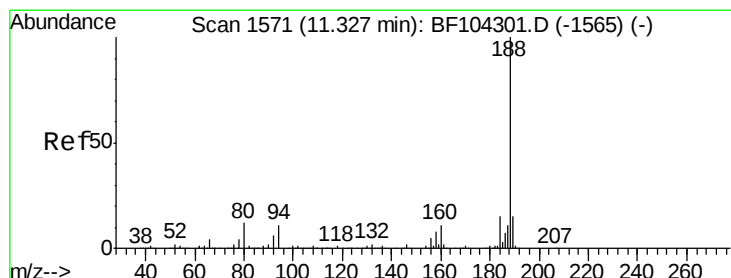
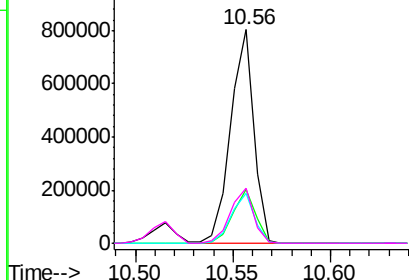
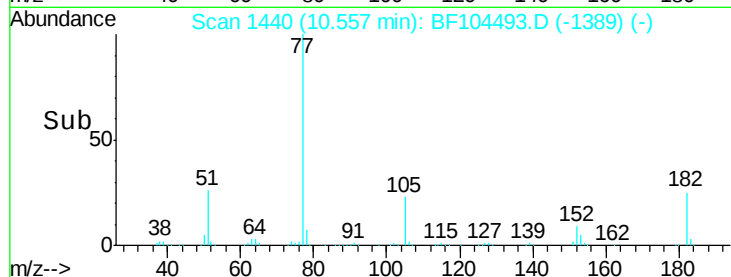


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

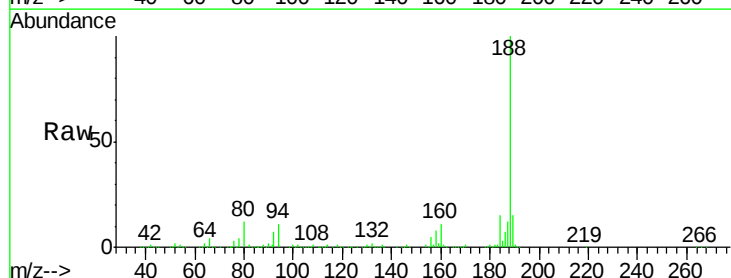
Tgt Ion: 188 Resp: 319008

Ion Ratio Lower Upper

188 100

94 11.4 8.5 12.7

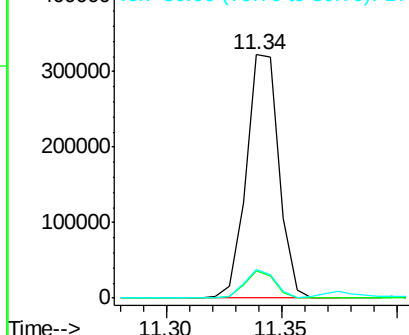
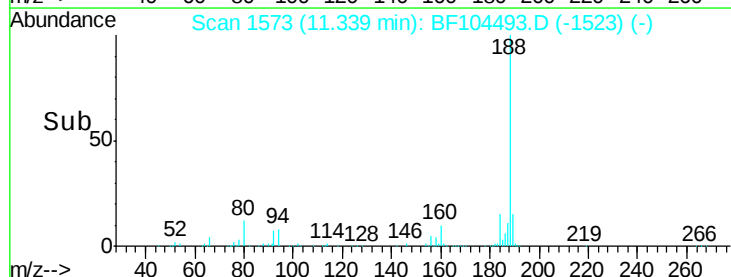
80 12.0 9.2 13.8

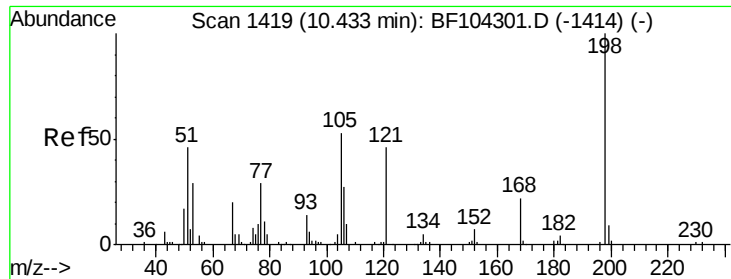


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 17.762 ng

RT: 10.45 min Scan# 1422

Delta R.T. -0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

ClientSampled :

PB108218BS

Tot Ion:198 Resp: 19106

Ion Ratio Lower Upper

198 100

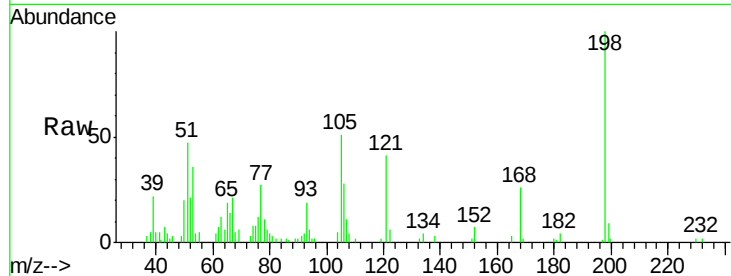
51 47.2 37.7 77.7

105 51.4 36.3 76.3

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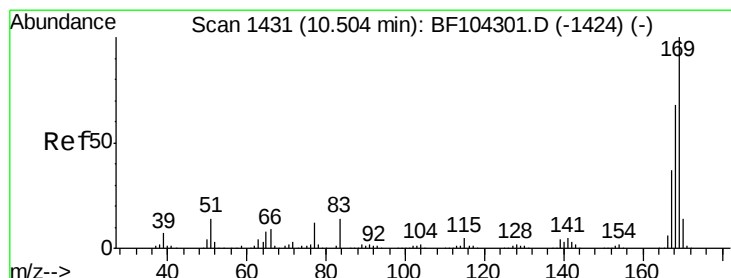
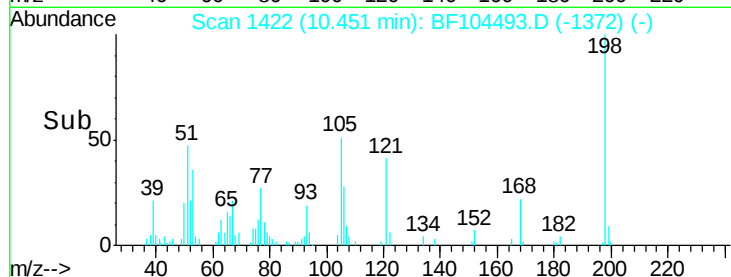
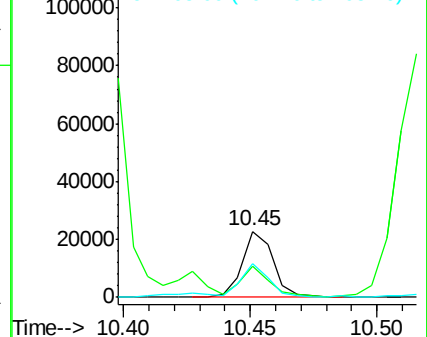
4/16/2018 3:10:28 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 51.563 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

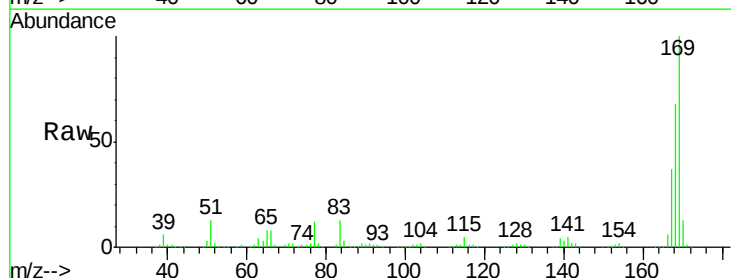
Tgt Ion:169 Resp: 570326

Ion Ratio Lower Upper

169 100

168 68.3 54.4 81.6

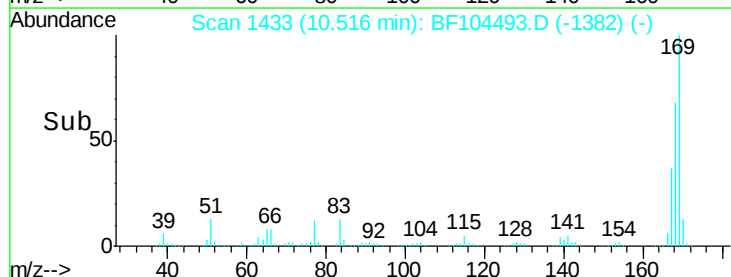
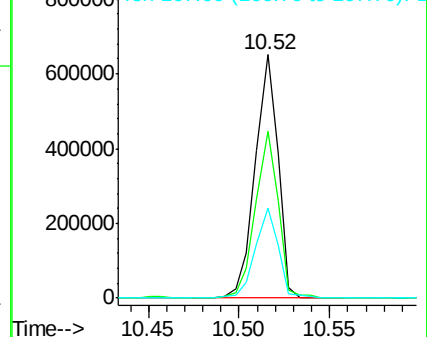
167 37.2 29.8 44.6

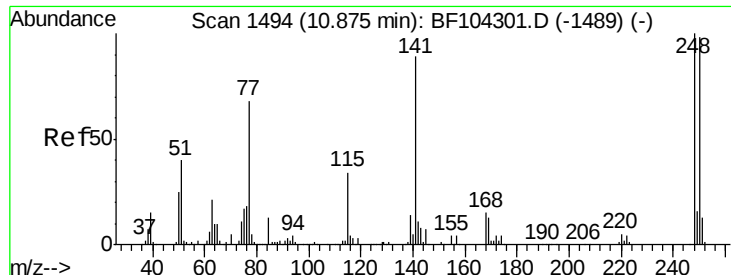


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





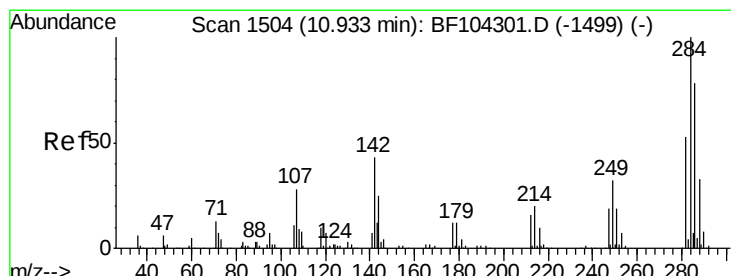
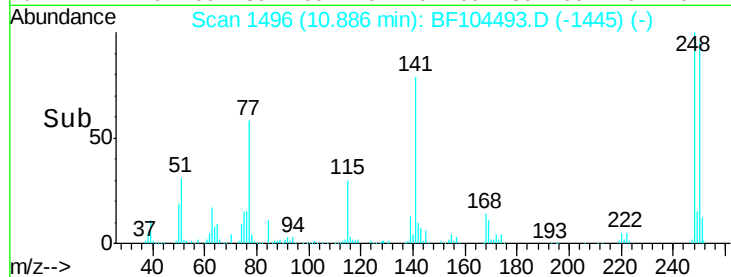
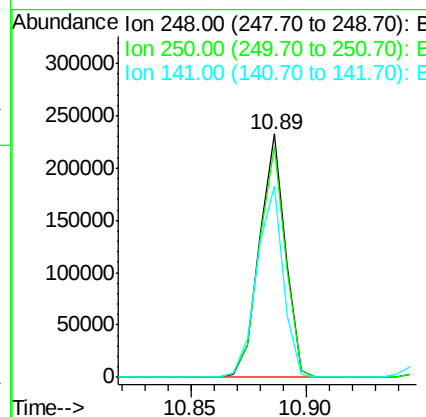
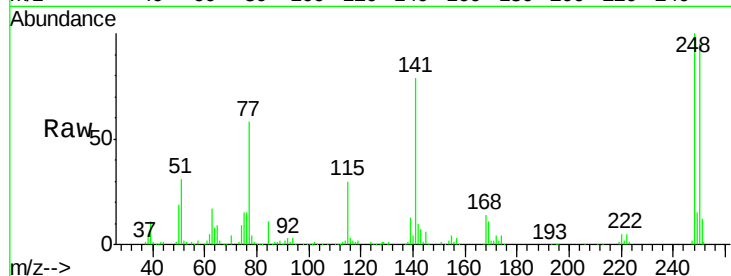
#66
 4-Bromophenyl-phenylether
 Concen: 53.913 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BS

Tot Ion:	248	Resp:	182939
Ion Ratio	Lower	Upper	
248	100		
250	95.0	76.9	115.3
141	78.6	74.4	111.6

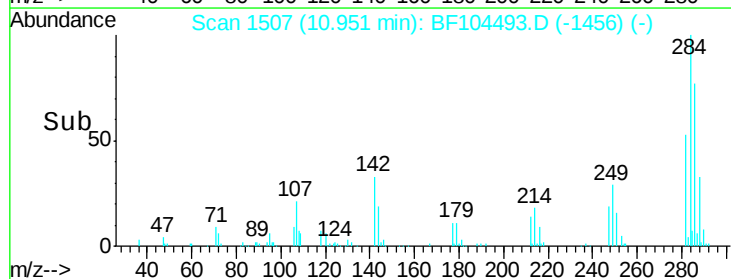
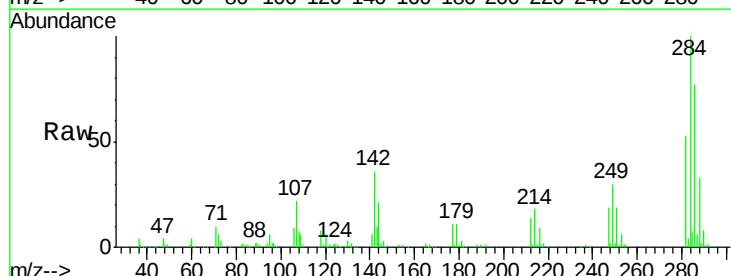
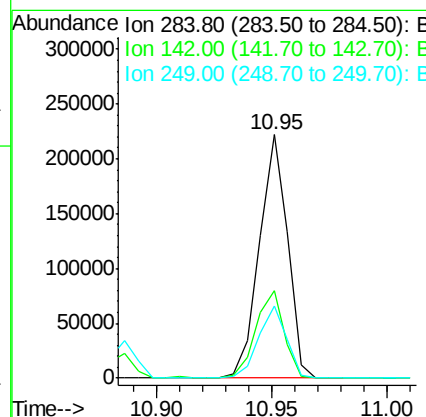
Manual Integrations
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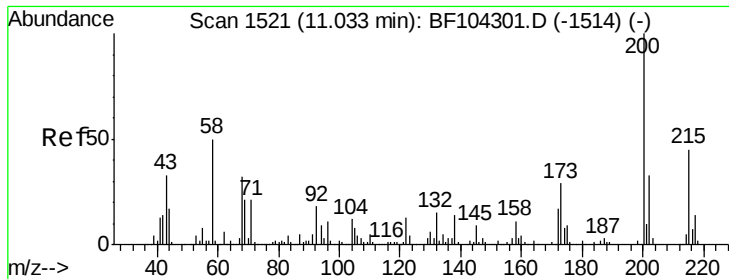
Sohil
 4/16/2018 3:10:28 PM



#67
 Hexachlorobenzene
 Concen: 49.505 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion:	284	Resp:	189016
Ion Ratio	Lower	Upper	
284	100		
142	35.8	34.6	52.0
249	29.9	24.8	37.2





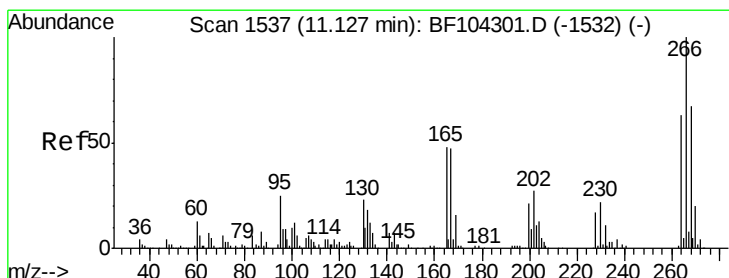
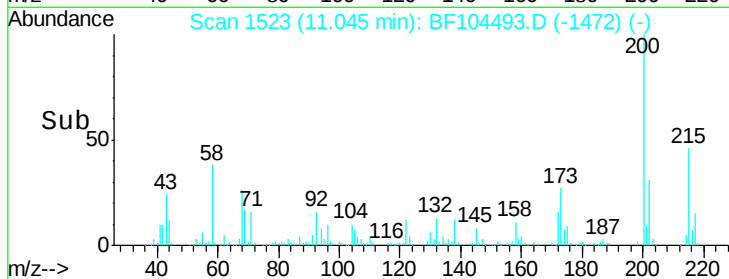
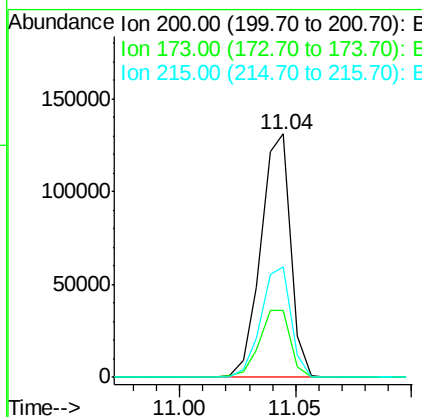
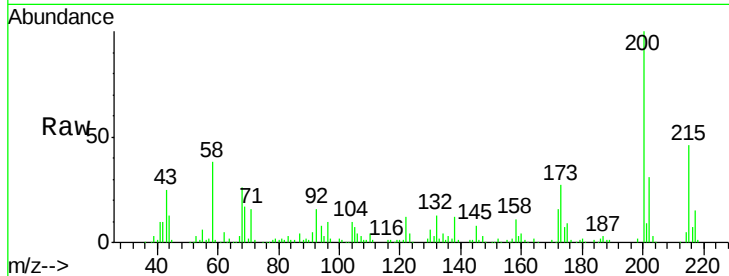
#68
Atrazine
Concen: 35.459 ng
RT: 11.04 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.3	8.6	48.6
215	45.5	25.1	65.1

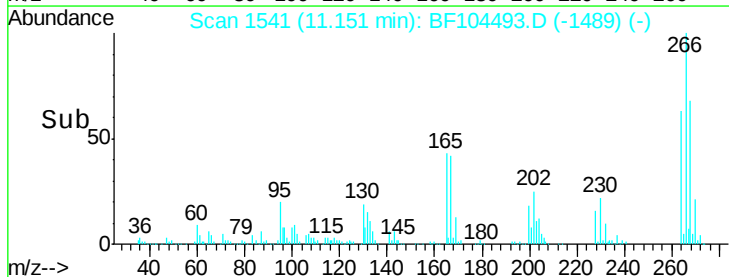
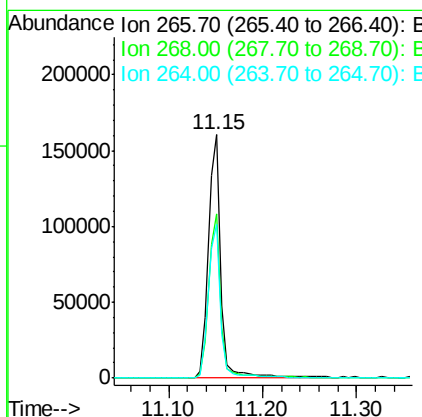
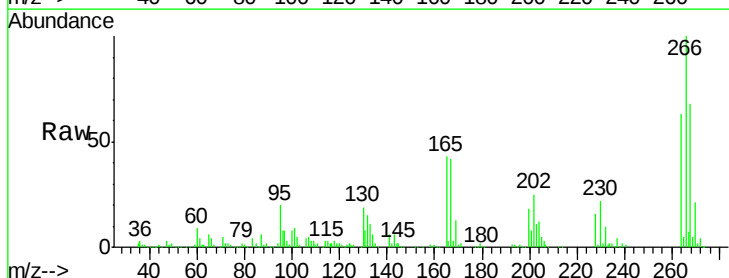
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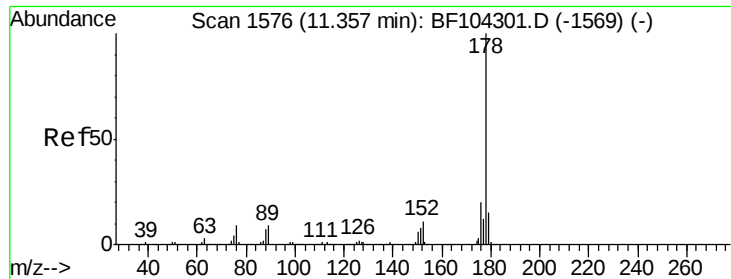
Sohil
4/16/2018 3:10:28 PM



#69
Pentachlorophenol
Concen: 64.312 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	67.7	51.1	76.7
264	63.3	49.5	74.3





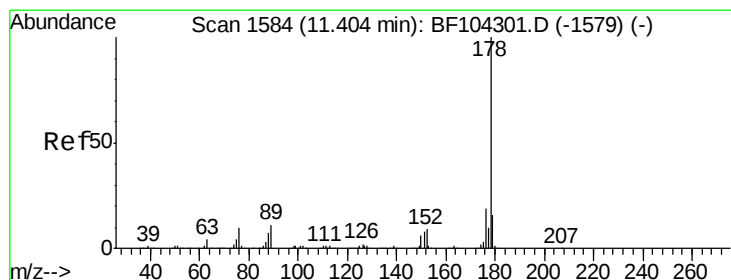
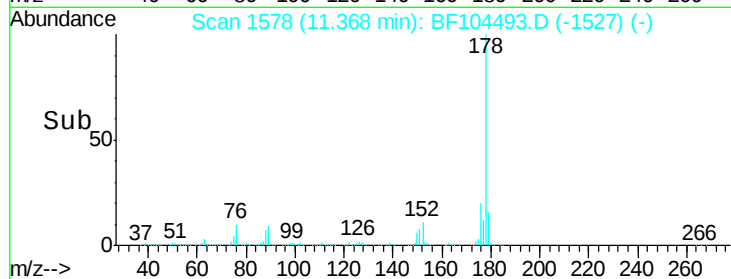
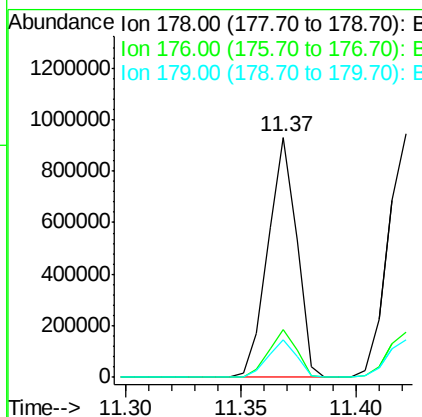
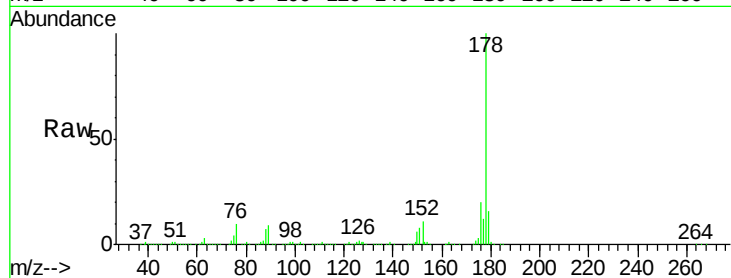
#70
Phenanthrene
Concen: 45.349 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.8	23.8
179	15.8	13.0	19.6

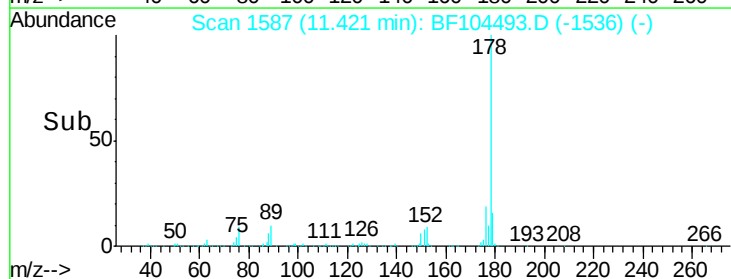
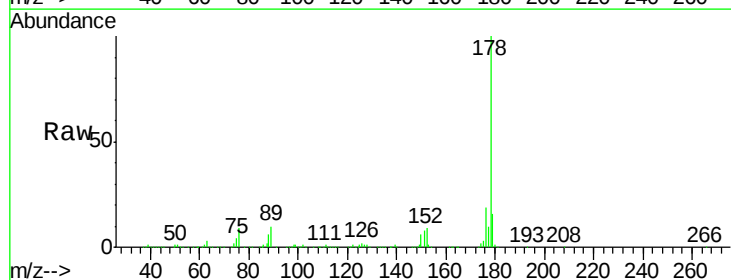
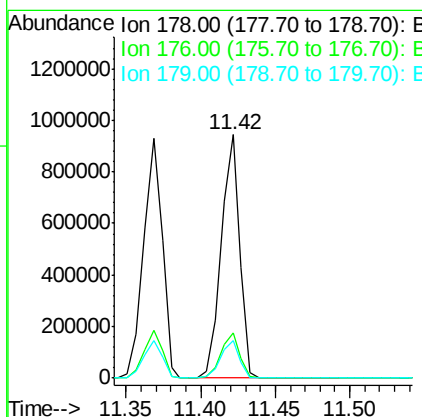
Manual Integrations
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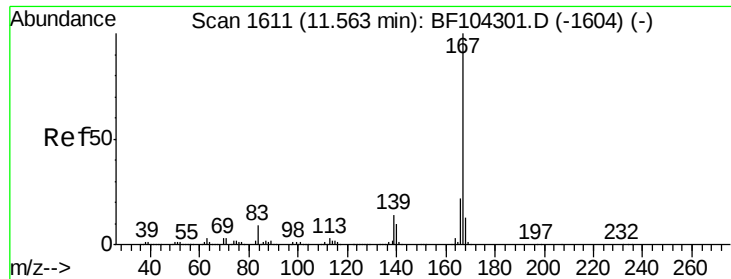
Sohil
4/16/2018 3:10:28 PM



#71
Anthracene
Concen: 45.803 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.4	23.2
179	15.6	12.6	19.0





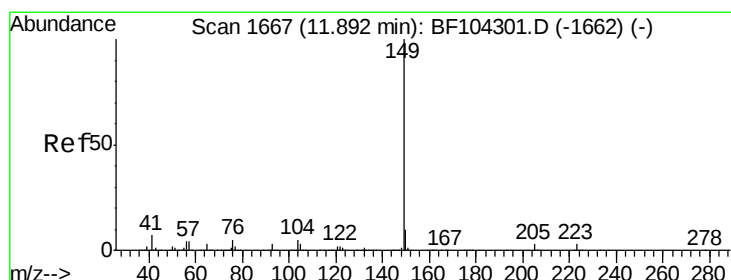
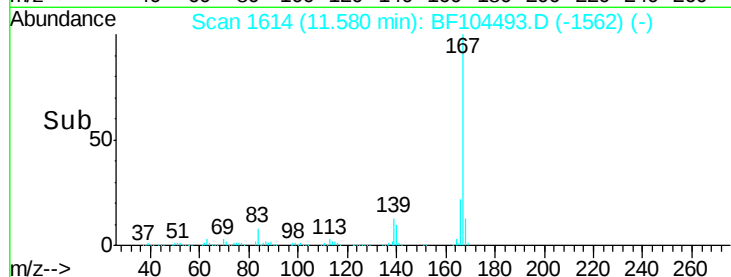
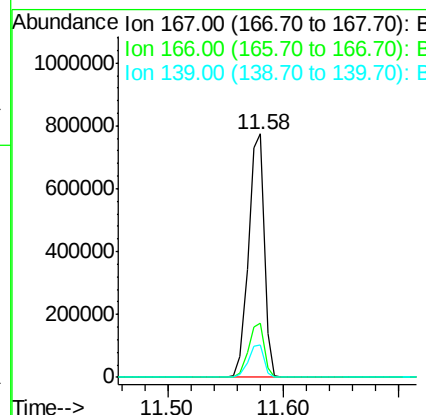
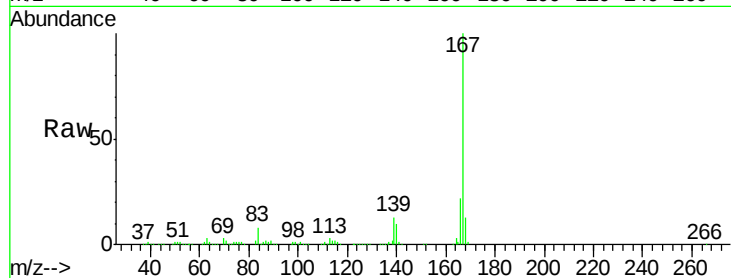
#72
 Carbazole
 Concen: 41.666 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. 0.01 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	13.2	10.9	16.3

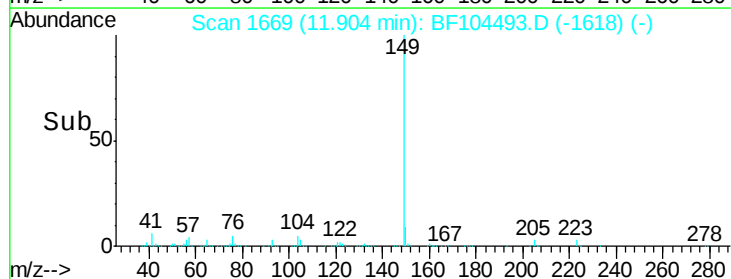
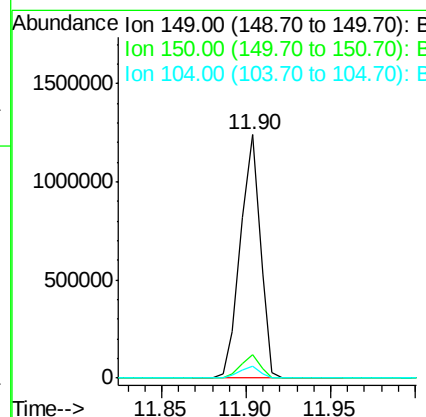
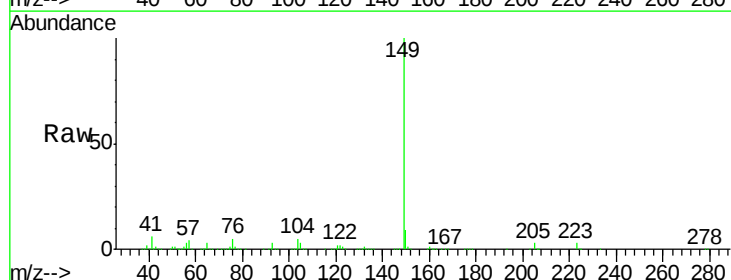
Manual Integrations
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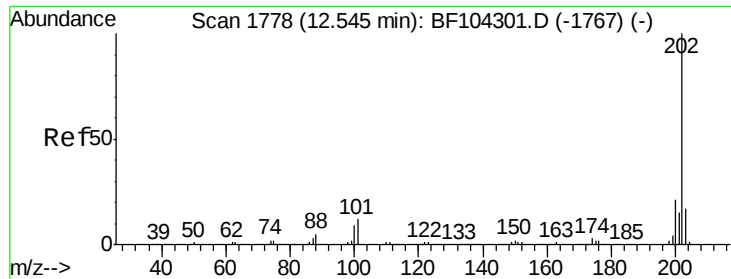
Sohil
 4/16/2018 3:10:28 PM



#73
 Di-n-butylphthalate
 Concen: 47.121 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.8	11.6
104	4.8	3.8	5.8





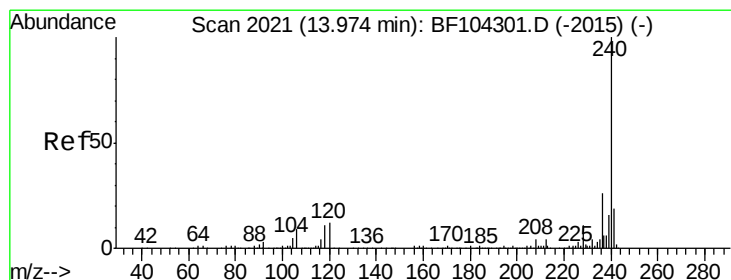
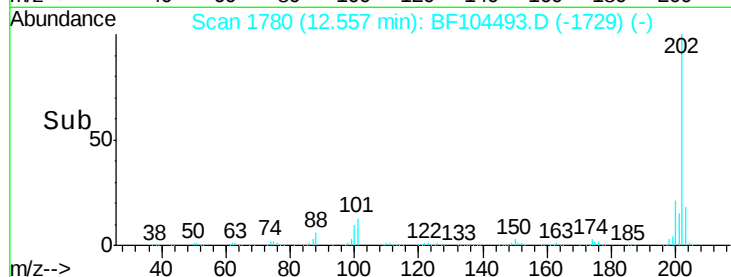
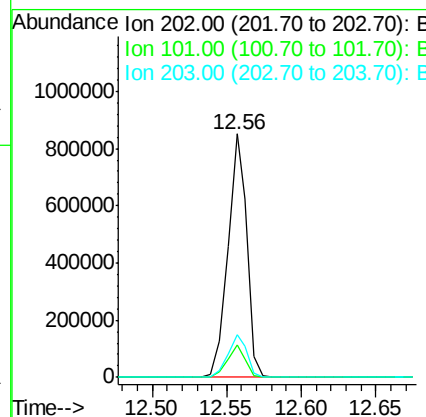
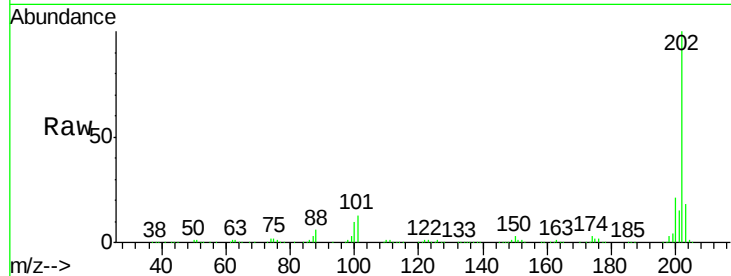
#74
 Fluoranthene
 Concen: 40.861 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampled :
 PB108218BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	34.1
203	17.5	0.0	38.1

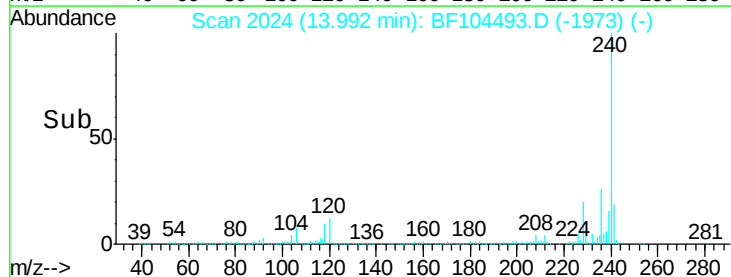
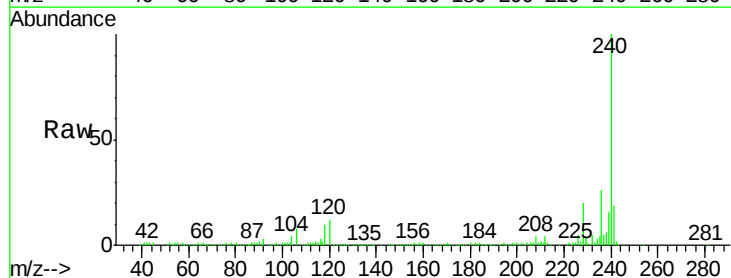
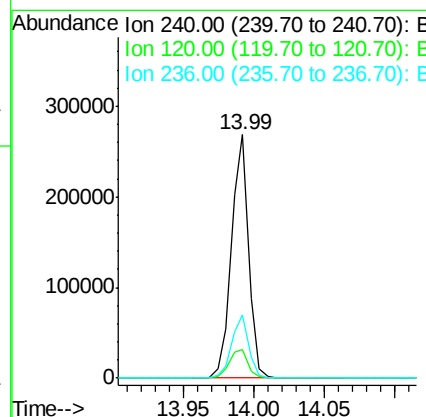
Manual Integrations
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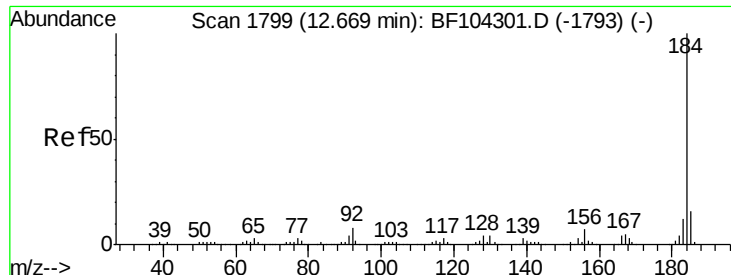
Sohil
 4/16/2018 3:10:28 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.6	9.5	14.3
236	25.9	20.7	31.1





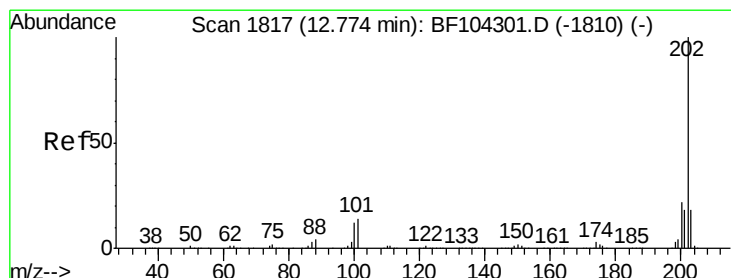
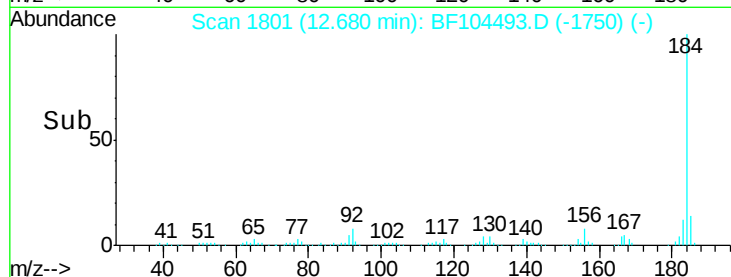
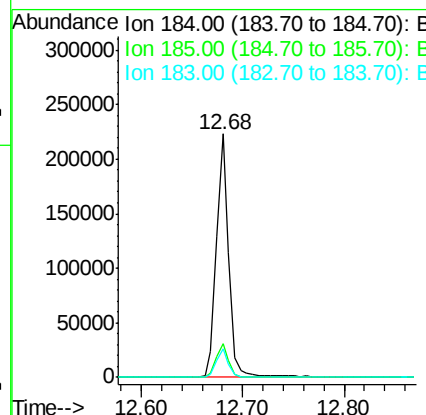
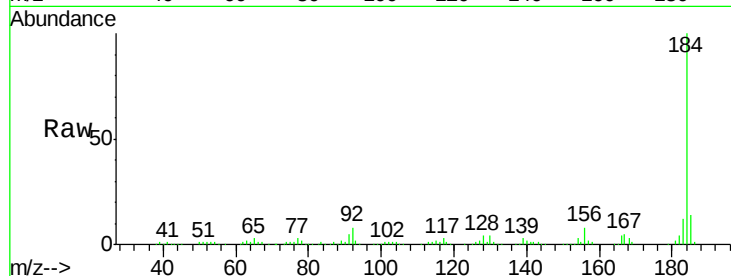
#76
Benzidine
Concen: 21.176 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.1	12.6	18.8	
183	11.9	9.3	13.9	

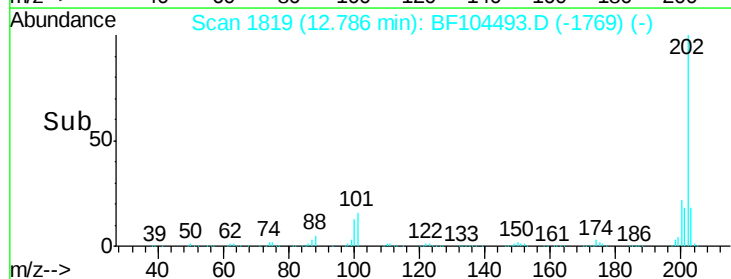
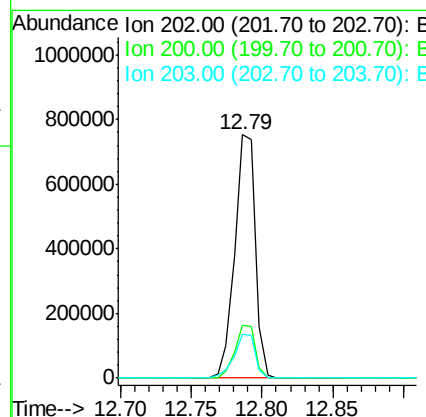
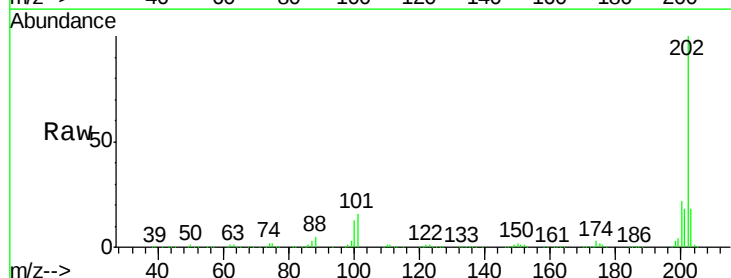
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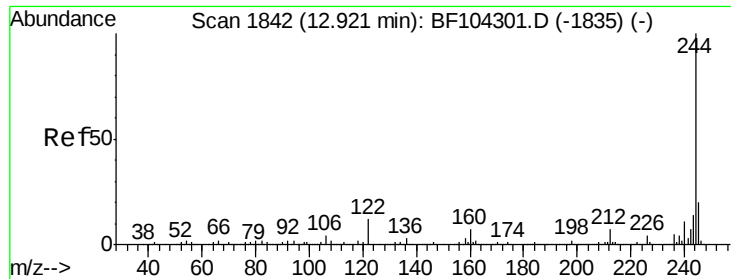
Sohil
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#77
Pyrene
Concen: 45.556 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.6	17.4	26.2	
203	17.9	14.3	21.5	





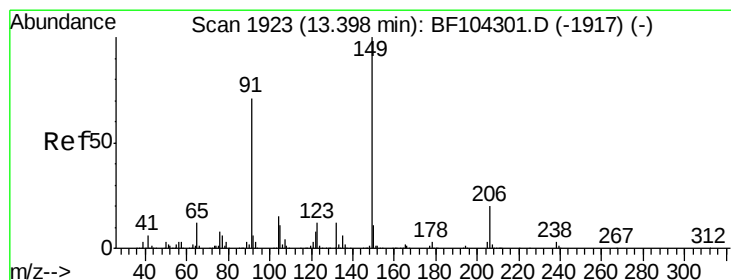
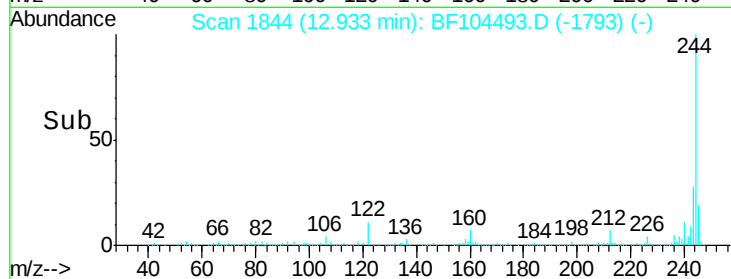
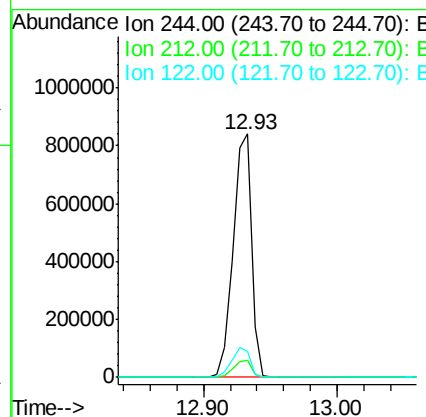
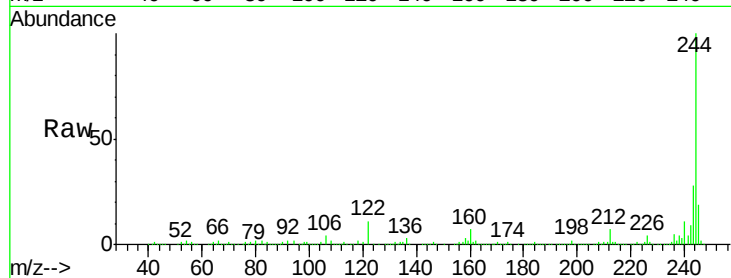
#78
 Terphenyl-d14
 Concen: 83.076 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4

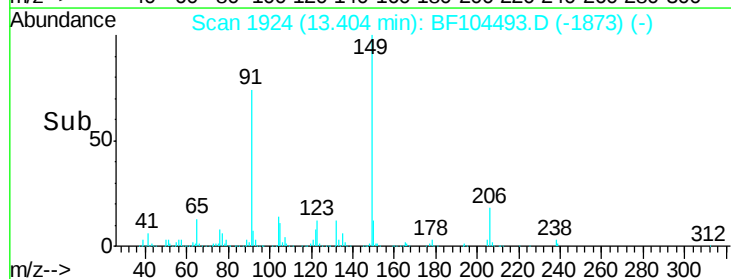
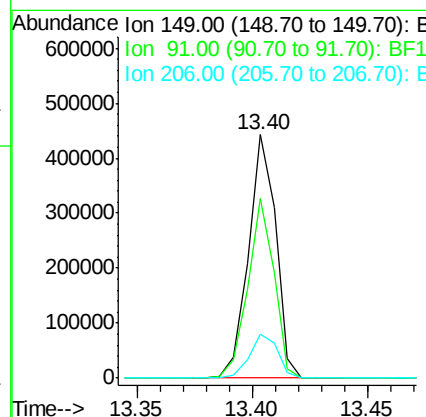
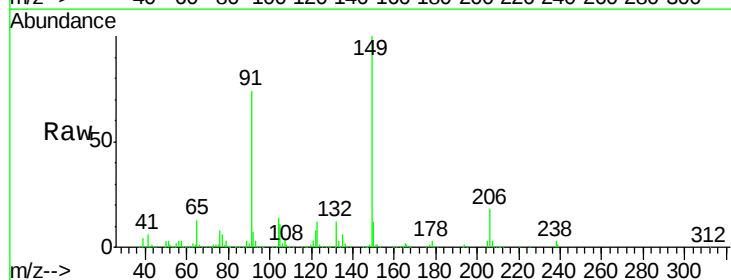
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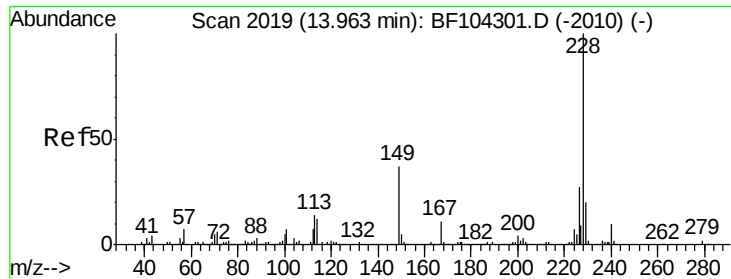
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#79
 Butylbenzylphthalate
 Concen: 46.588 ng
 RT: 13.40 min Scan# 1924
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	73.9	56.8	85.2
206	18.2	14.1	21.1





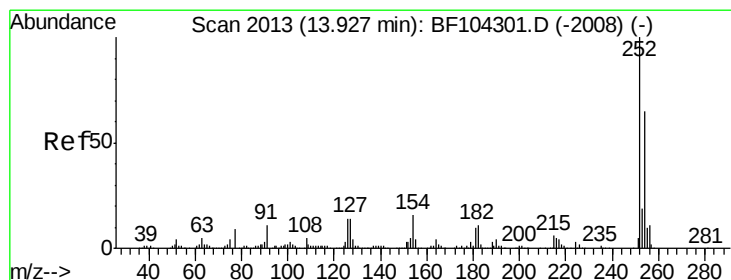
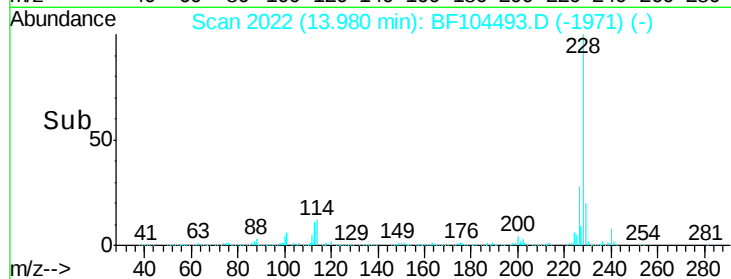
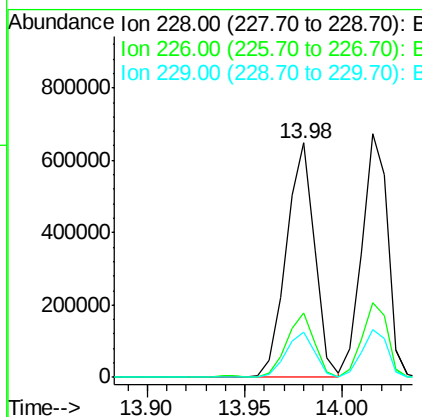
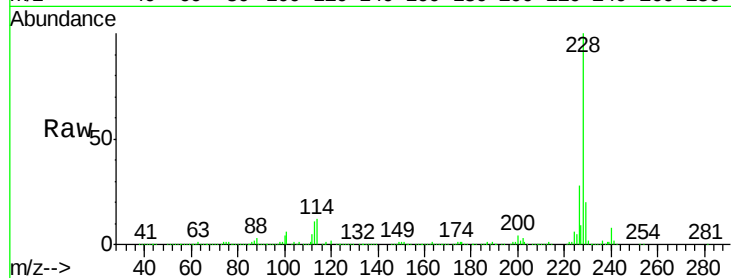
#80
Benzo(a)anthracene
Concen: 48.110 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.6	15.8	23.6

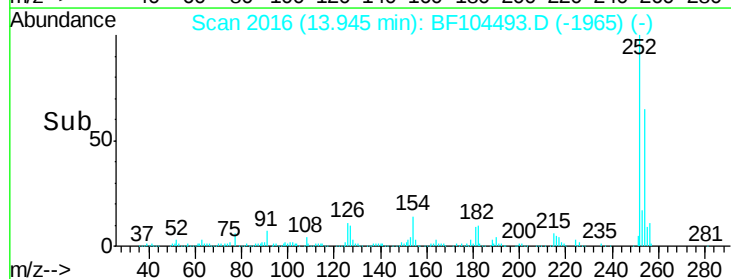
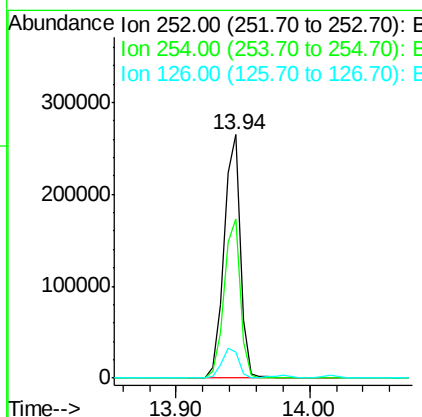
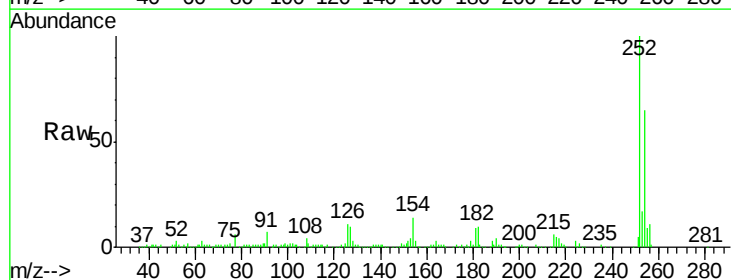
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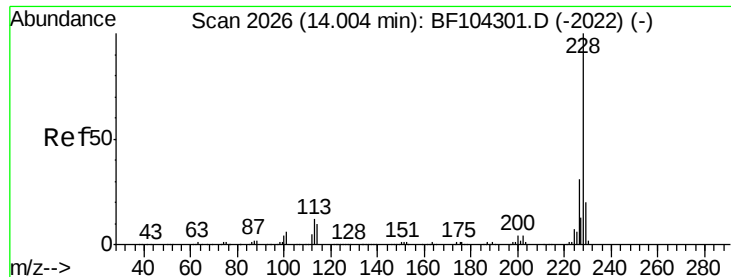
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#81
3,3'-Dichlorobenzidine
Concen: 46.032 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	10.6	11.3	16.9#





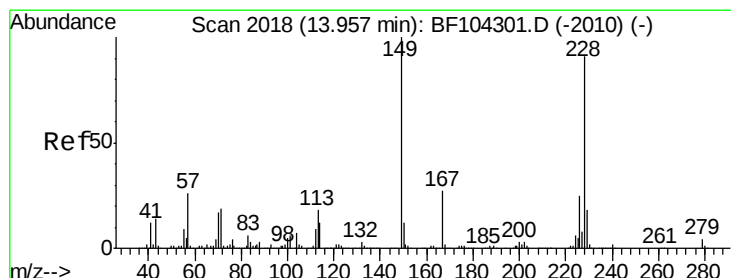
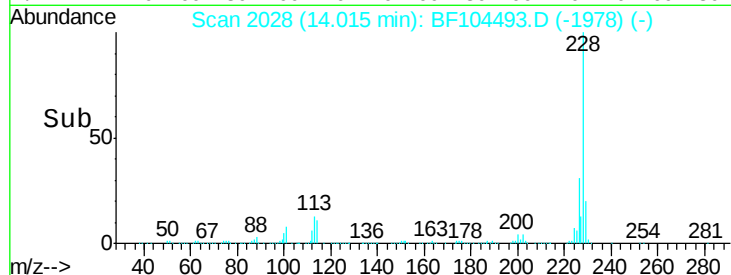
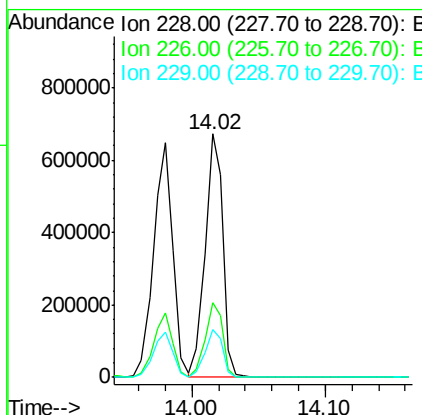
#82
 Chrysene
 Concen: 44.444 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Instrument :
 BNA_F
 ClientSampleId :
 PB108218BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.7	16.2	24.4

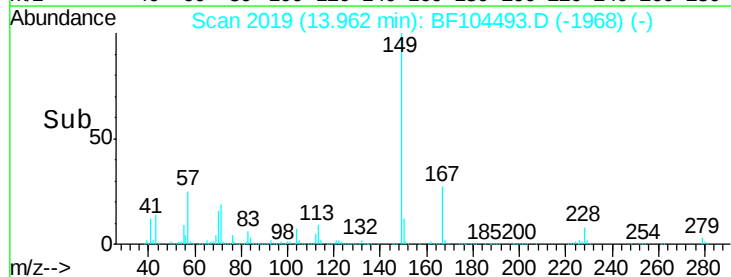
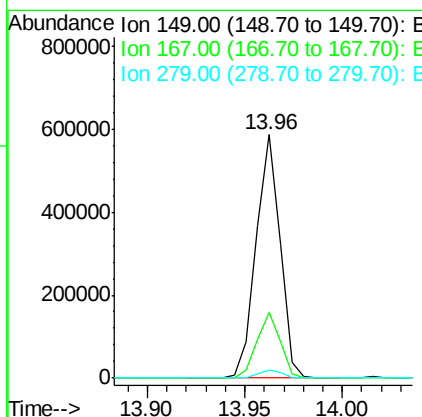
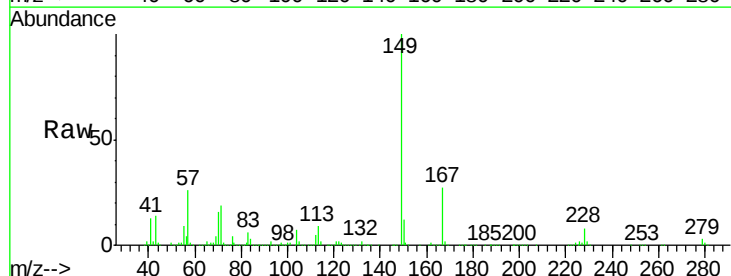
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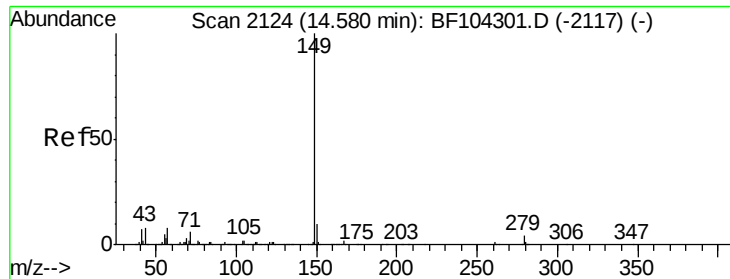
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.180 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BF104493.D
 Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.3	31.9
279	3.5	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 48.849 ng

RT: 14.59 min Scan# 2125

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

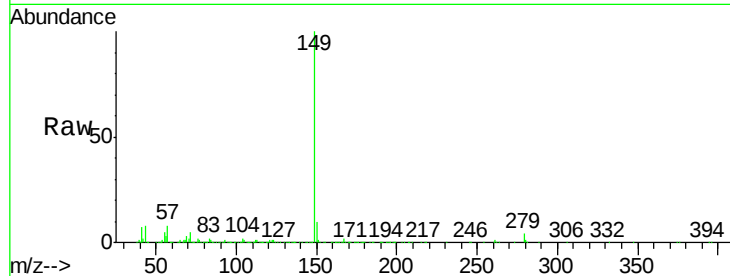
ClientSampleId :

PB108218BS

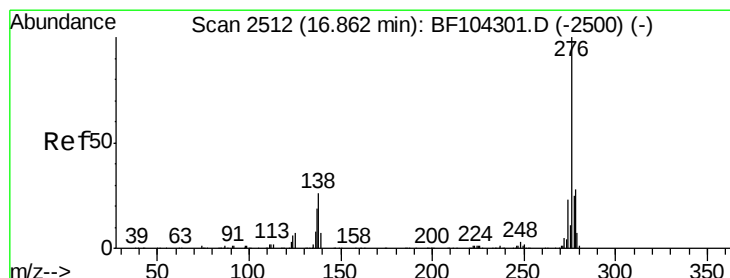
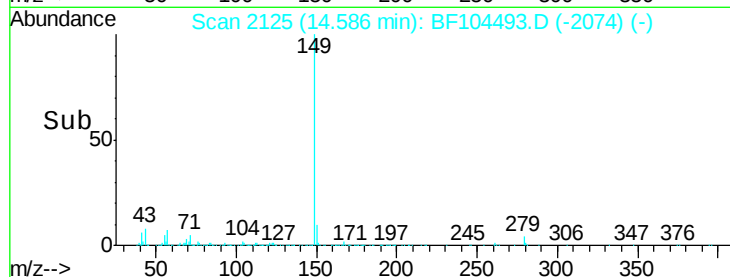
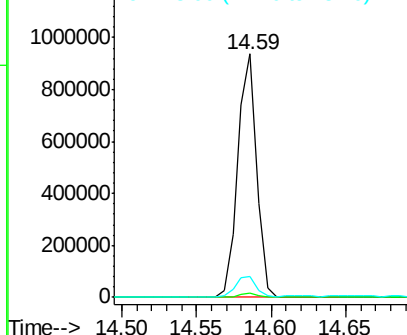
Tot Ion:	149	Resp:	828714
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.8	8.4	12.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 39.328 ng

RT: 16.92 min Scan# 2521

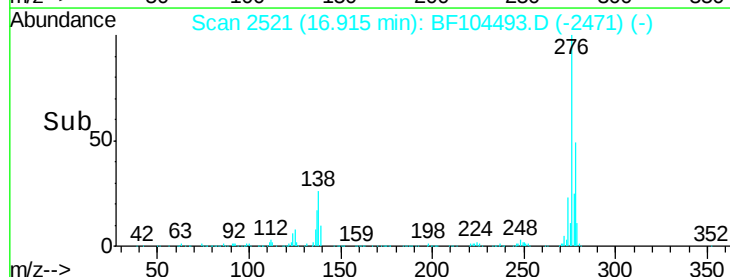
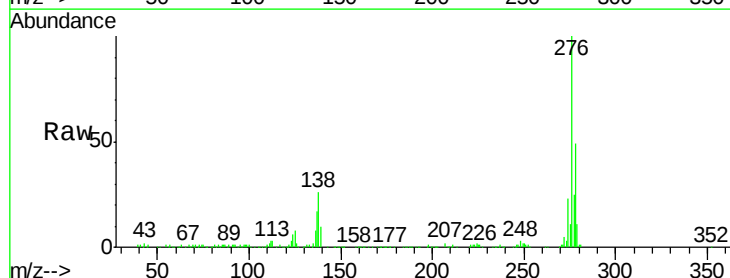
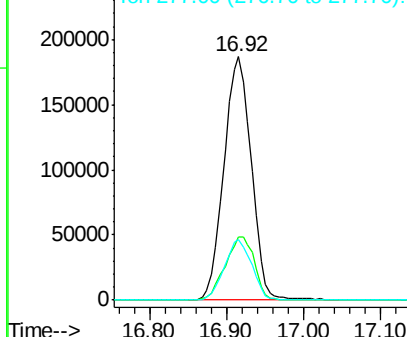
Delta R.T. -0.01 min

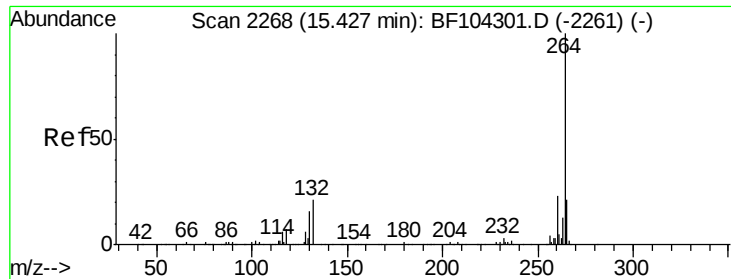
Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	276	Resp:	463402
Ion Ratio	Lower	Upper	
276	100		
138	27.8	25.0	37.6
277	25.1	20.1	30.1

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





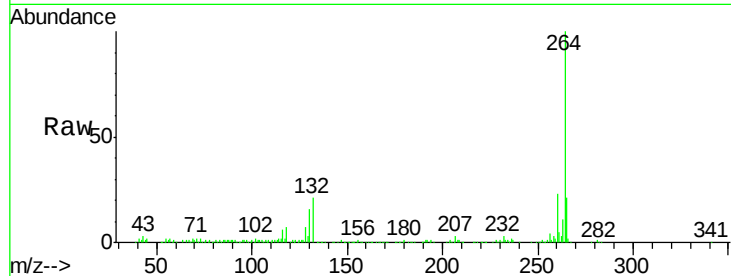
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

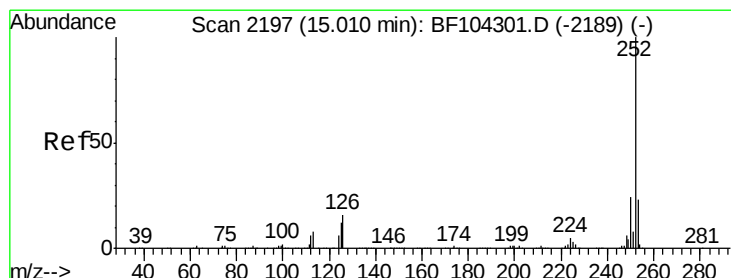
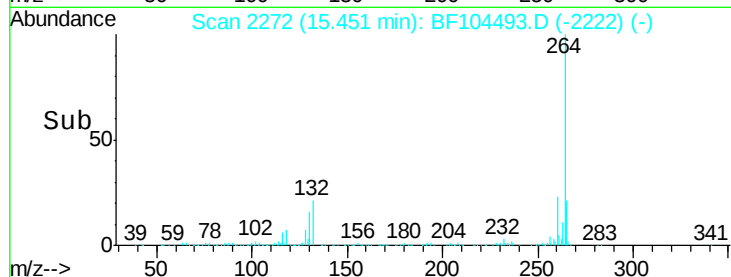
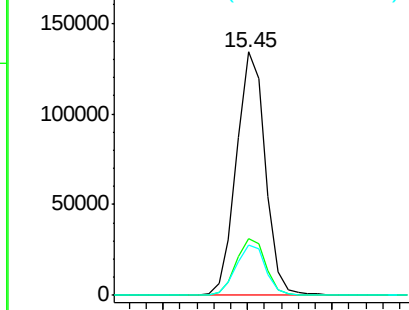
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	20.8	17.5	26.3

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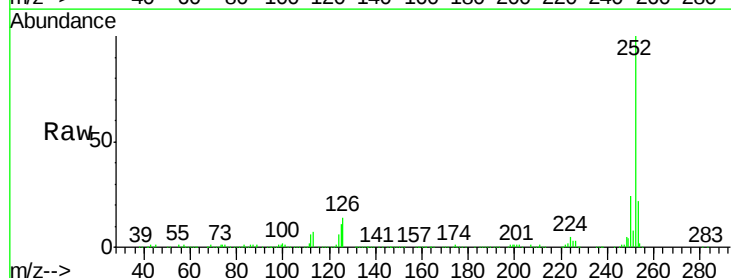


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

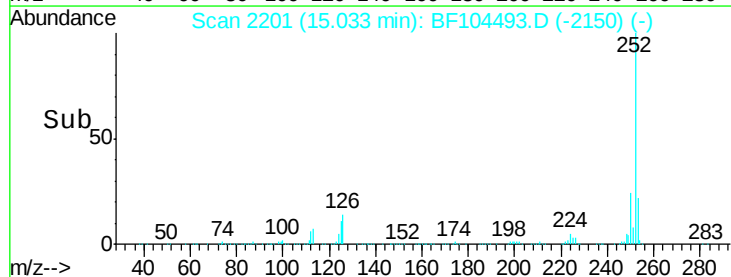
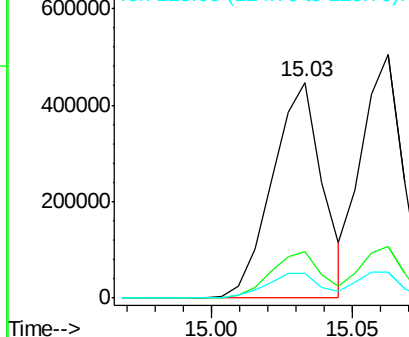


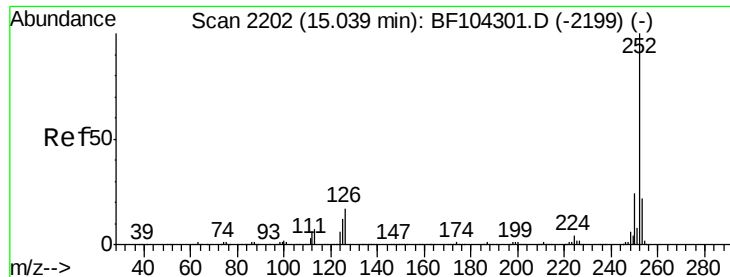
#87
Benzo(b)fluoranthene
Concen: 54.483 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	11.2	9.0	13.6



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: 53.623 ng

RT: 15.06 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Instrument :

BNA_F

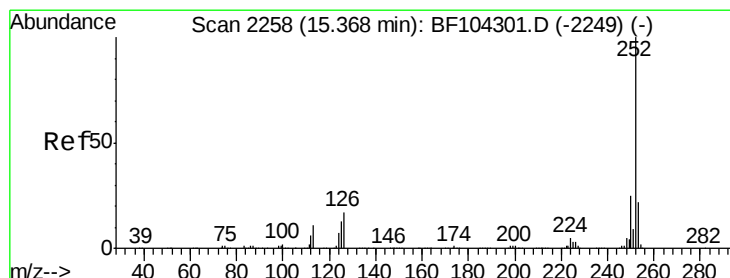
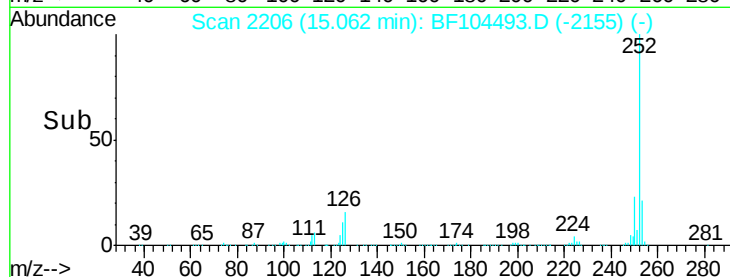
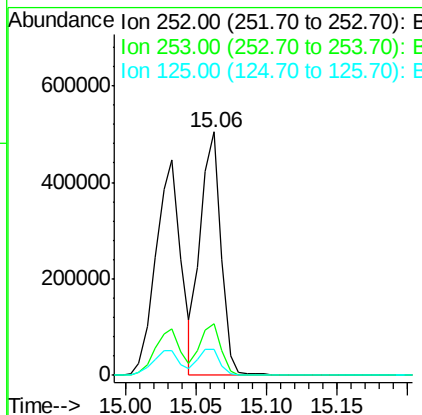
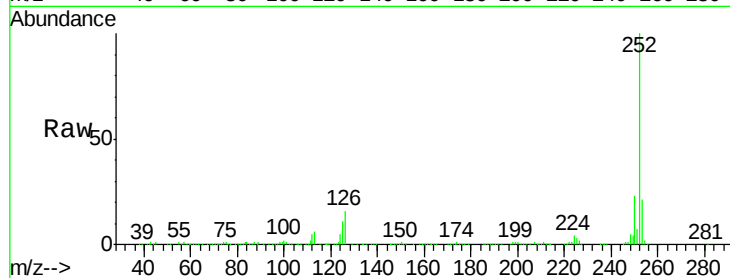
ClientSampleId :

PB108218BS

Tot Ion:	252	Resp:	511509
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.9	26.9
125	10.6	10.2	15.2

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#89

Benzo(a)pyrene

Concen: 52.919 ng

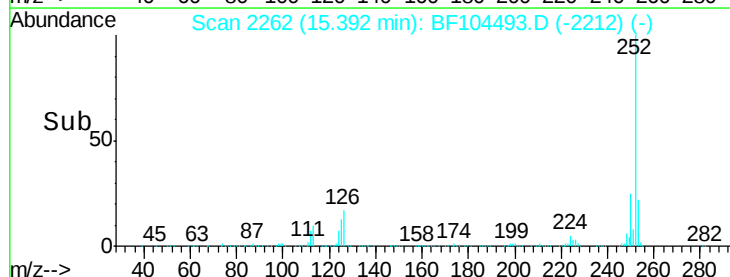
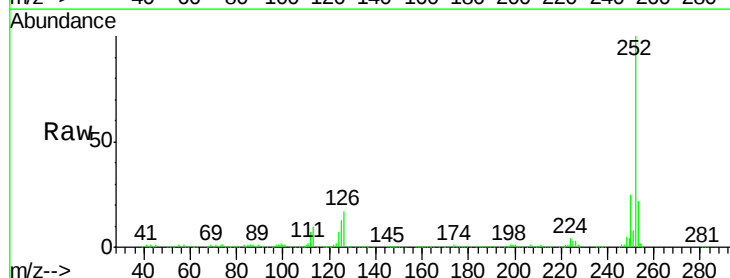
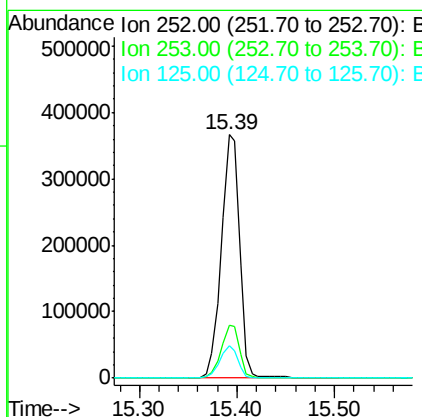
RT: 15.39 min Scan# 2262

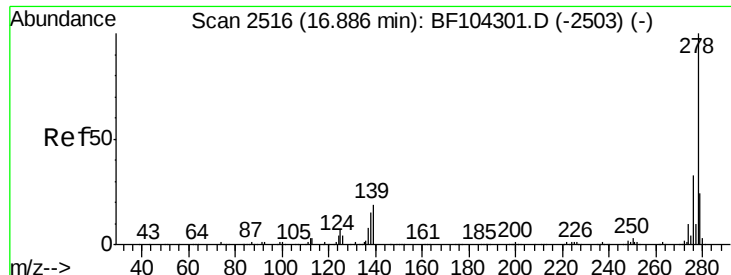
Delta R.T. -0.01 min

Lab File: BF104493.D

Acq: 13 Apr 2018 21:48

Tgt Ion:	252	Resp:	478414
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.1	25.7
125	13.3	9.8	14.6





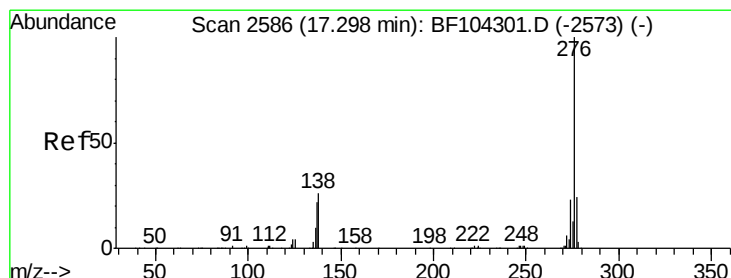
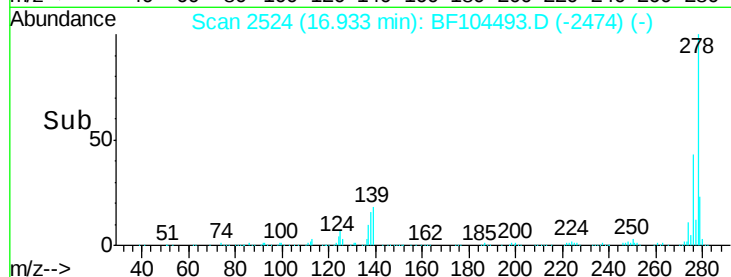
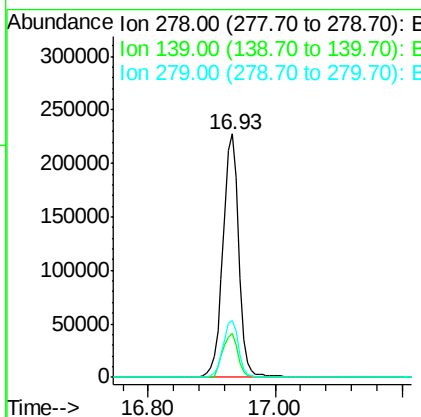
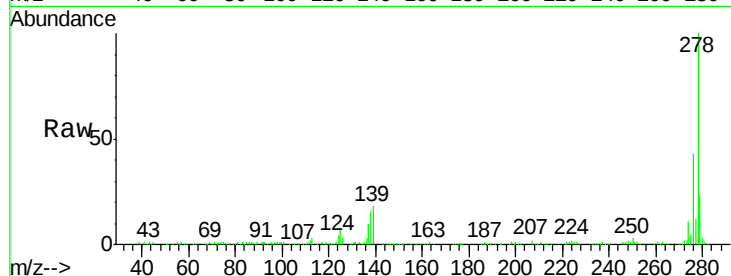
#90
Dibenzo(a,h)anthracene
Concen: 53.123 ng
RT: 16.93 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Instrument :
BNA_F
ClientSampleId :
PB108218BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.9	23.9
279	23.1	19.0	28.4

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#91
Benzo(g,h,i)perylene
Concen: 52.861 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.01 min
Lab File: BF104493.D
Acq: 13 Apr 2018 21:48

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	23.7	21.8	32.8

