

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
 Data File : BF102416.D
 Acq On : 25 Jan 2018 10:44
 Operator : SJ/JU
 Sample : PB105903BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:41:59 PM

Quant Time: Jan 25 14:01:25 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	137178	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	573576	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	265935	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	471111	20.00	ng	0.00
75) Chrysene-d12	13.88	240	365435	20.00	ng	0.00
86) Perylene-d12	15.30	264	305044	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	946349	104.60	ng	0.01
7) Phenol-d6	6.37	99	1146438	105.11	ng	0.00
23) Nitrobenzene-d5	7.29	82	709315	71.07	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	251468	95.43	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1295249	71.61	ng	0.00
78) Terphenyl-d14	12.83	244	1208242	74.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	130820	30.433	ng	97
3) Pyridine	3.16	79	373561	33.254	ng	96
4) n-Nitrosodimethylamine	3.12	42	179325	40.719	ng	100
6) Aniline	6.38	93	219279	15.200	ng	# 1
8) 2-Chlorophenol	6.50	128	359547	37.912	ng	98
9) Benzaldehyde	6.26	77	190623	28.708	ng	95
10) Phenol	6.38	94	427131	35.870	ng	87
11) bis(2-Chloroethyl)ether	6.46	93	331341	36.586	ng	97
12) 1,3-Dichlorobenzene	6.65	146	375450	33.287	ng	99
13) 1,4-Dichlorobenzene	6.73	146	377321	33.396	ng	98
14) 1,2-Dichlorobenzene	6.89	146	353228	34.179	ng	97
15) Benzyl Alcohol	6.87	79	278196	36.149	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	514448	33.869	ng	77
17) 2-Methylphenol	6.98	107	295045	35.822	ng	95
18) Hexachloroethane	7.22	117	134542	34.173	ng	96
19) n-Nitroso-di-n-propylamine	7.13	70	233585	34.995	ng	96
20) 3+4-Methylphenols	7.14	107	371912	38.393	ng	96
22) Acetophenone	7.13	105	491321	35.933	ng	96
24) Nitrobenzene	7.30	77	362723	35.512	ng	97
25) Isophorone	7.55	82	656033	36.869	ng	98
26) 2-Nitrophenol	7.62	139	204746	38.086	ng	99
27) 2,4-Dimethylphenol	7.66	122	324598	41.583	ng	97
28) bis(2-Chloroethoxy)methane	7.75	93	415669	37.816	ng	99
29) 2,4-Dichlorophenol	7.86	162	305567	38.429	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	288485	33.845	ng	98
31) Naphthalene	8.02	128	1015533	35.461	ng	100
32) Benzoic acid	7.82	122	230032	35.173	ng	95
33) 4-Chloroaniline	8.07	127	117109	9.725	ng	97
34) Hexachlorobutadiene	8.13	225	149112	32.755	ng	99
35) Caprolactam	8.47	113	104855m	39.929	ng	
36) 4-Chloro-3-methylphenol	8.57	107	330041	39.378	ng	99
37) 2-Methylnaphthalene	8.71	142	701148	36.763	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	270038	33.751	ng	99
40) Hexachlorocyclopentadiene	8.86	237	242612	67.757	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	197665	36.905	nq	99
43) 2,4,5-Trichlorophenol	9.04	196	212875	35.300	nq	99
45) 1,1'-Biphenyl	9.17	154	809078	34.025	nq	98
46) 2-Chloronaphthalene	9.20	162	629706	34.069	nq	97
47) 2-Nitroaniline	9.30	65	210444	36.520	nq	95
48) Acenaphthylene	9.62	152	964705	33.502	nq	100
49) Dimethylphthalate	9.48	163	751229	34.176	nq	100
50) 2,6-Dinitrotoluene	9.55	165	165960	35.019	nq	89
51) Acenaphthene	9.79	154	562444	33.444	nq	99
52) 3-Nitroaniline	9.72	138	90785	16.193	nq	97
53) 2,4-Dinitrophenol	9.83	184	159360	75.179	nq	# 20
54) Dibenzofuran	9.96	168	835903	36.727	nq	98
55) 4-Nitrophenol	9.90	139	258916	69.963	nq	94
56) 2,4-Dinitrotoluene	9.96	165	208512	35.778	nq	94
57) Fluorene	10.30	166	655804	36.362	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	164624	38.233	nq	97
59) Diethylphthalate	10.18	149	720500	33.731	nq	99
60) 4-Chlorophenyl-phenylether	10.29	204	280778	35.908	nq	95
61) 4-Nitroaniline	10.33	138	183768	32.849	nq	92
62) Azobenzene	10.46	77	678039	34.670	nq	96
64) 4,6-Dinitro-2-methylphenol	10.36	198	102958	32.757	nq	96
65) n-Nitrosodiphenylamine	10.42	169	604660	34.968	nq	99
66) 4-Bromophenyl-phenylether	10.78	248	176540	34.810	nq	99
67) Hexachlorobenzene	10.85	284	176800	31.171	nq	96
68) Atrazine	10.95	200	185766	36.375	nq	98
69) Pentachlorophenol	11.05	266	193142	64.823	nq	98
70) Phenanthrene	11.26	178	950530	34.624	nq	99
71) Anthracene	11.32	178	978540	34.922	nq	100
72) Carbazole	11.47	167	940987	34.422	nq	99
73) Di-n-butylphthalate	11.80	149	1121287	32.815	nq	99
74) Fluoranthene	12.45	202	978443	34.951	nq	98
76) Benzidine	12.58	184	270191	22.009	nq	97
77) Pyrene	12.68	202	982926	34.789	nq	99
79) Butylbenzylphthalate	13.30	149	488026	34.708	nq	97
80) Benzo(a)anthracene	13.87	228	804684	35.766	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	205270	24.871	nq	99
82) Chrysene	13.91	228	796357	34.856	nq	98
83) Bis(2-ethylhexyl)phthalate	13.86	149	643987	34.080	nq	99
84) Di-n-octyl phthalate	14.47	149	1104598	35.945	nq	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	583919	30.946	nq	99
87) Benzo(b)fluoranthene	14.90	252	736768	37.264	nq	99
88) Benzo(k)fluoranthene	14.93	252	690173	36.948	nq	98
89) Benzo(a)pyrene	15.24	252	656778	36.832	nq	97
90) Dibenzo(a,h)anthracene	16.71	278	477833	33.081	nq	98
91) Benzo(g,h,i)perylene	17.12	276	483522	33.902	nq	97

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

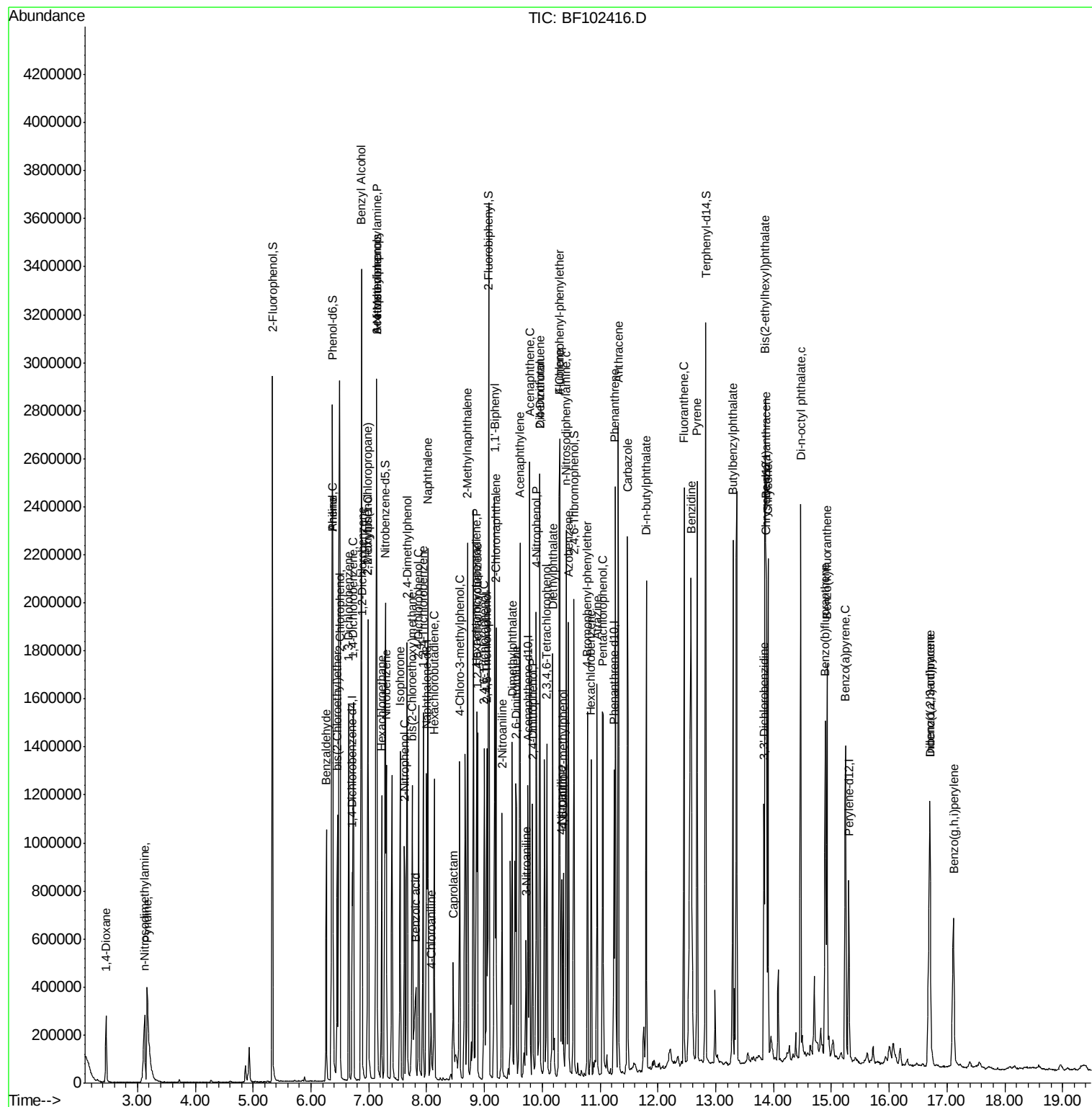
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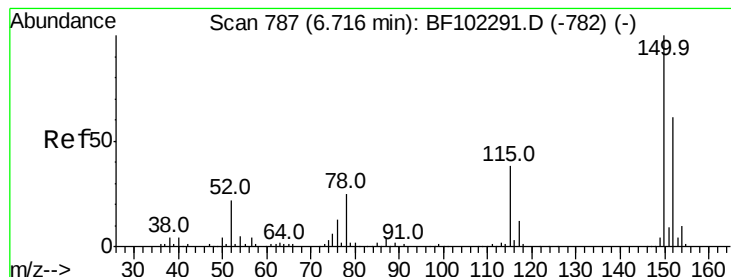
Instrument :
BNA_F
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB105903BS

Tot Ion:152 Resp: 137178

Ion Ratio Lower Upper

152 100

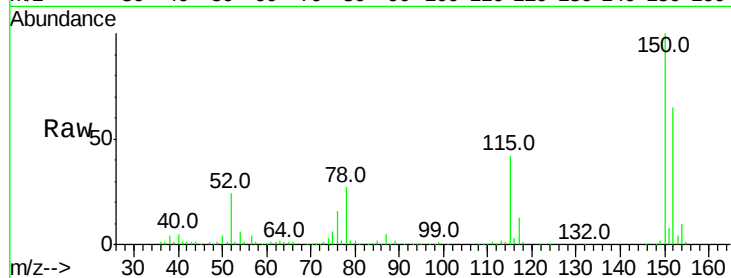
150 154.9 124.6 186.8

115 65.8 50.1 75.1

Manual Integrations
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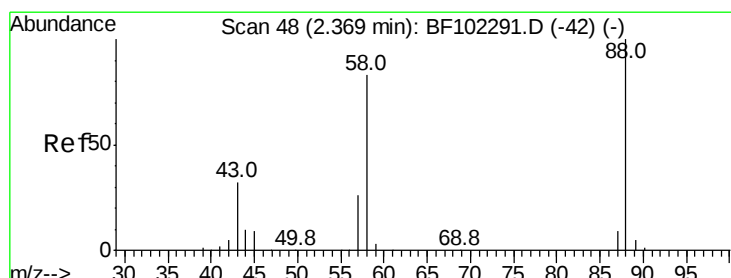
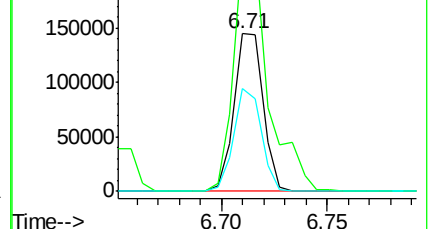
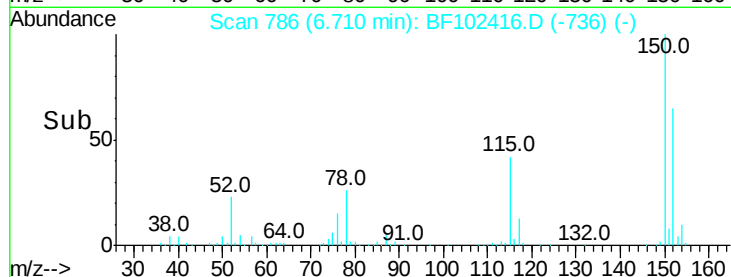
1/25/2018 5:41:59 PM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.433 ng

RT: 2.46 min Scan# 63

Delta R.T. 0.09 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

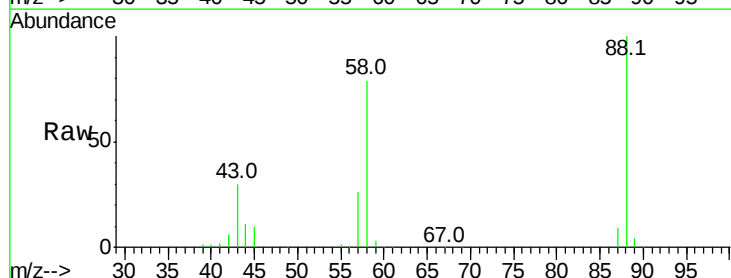
Tgt Ion: 88 Resp: 130820

Ion Ratio Lower Upper

88 100

58 82.0 62.6 93.8

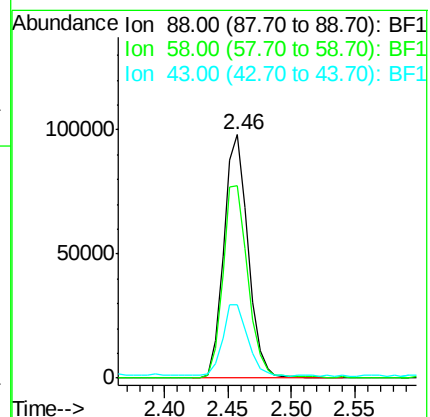
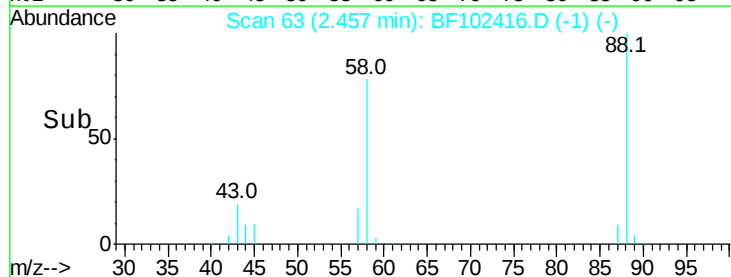
43 30.4 24.6 37.0

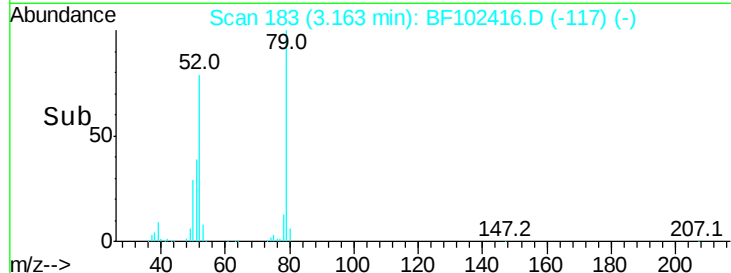
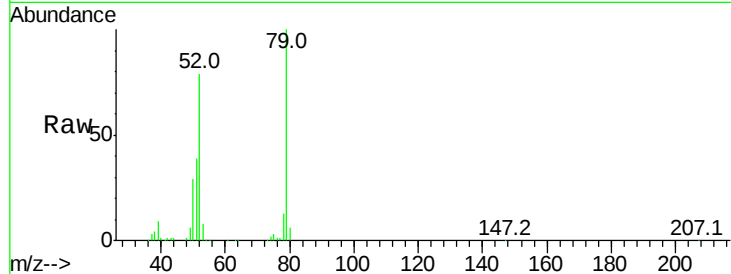
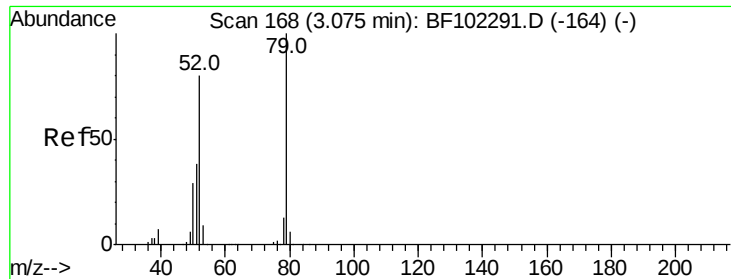


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 33.254 ng

RT: 3.16 min Scan# 183

Delta R.T. 0.09 min

Lab File: BF102416.D

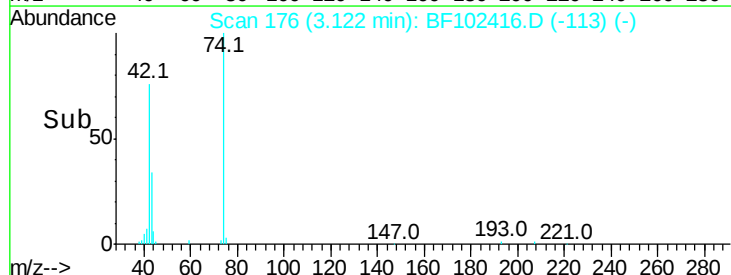
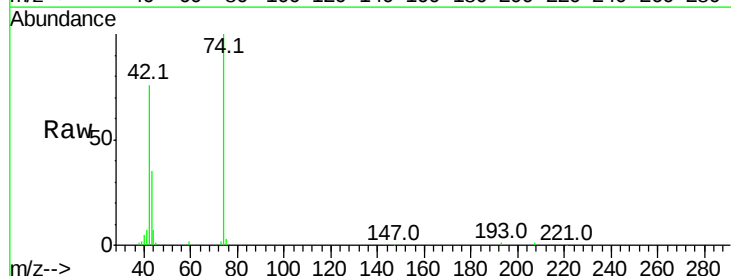
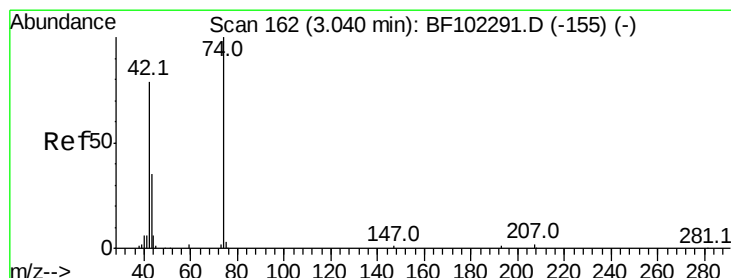
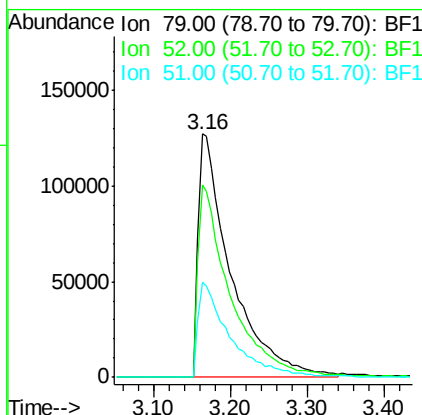
Acq: 25 Jan 2018 10:44

Tot Ion	Ratio	Lower	Upper
79	100		
52	79.0	59.8	89.6
51	38.9	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 40.719 ng

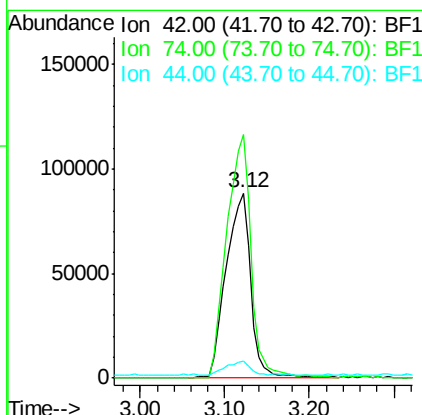
RT: 3.12 min Scan# 176

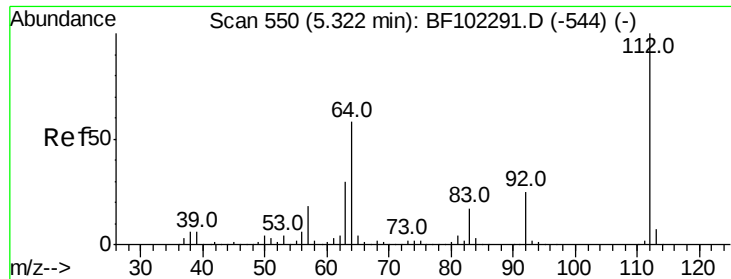
Delta R.T. 0.07 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
42	100		
74	131.6	104.9	157.3
44	9.2	6.9	10.3





#5

2-Fluorophenol

Concen: 104.602 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

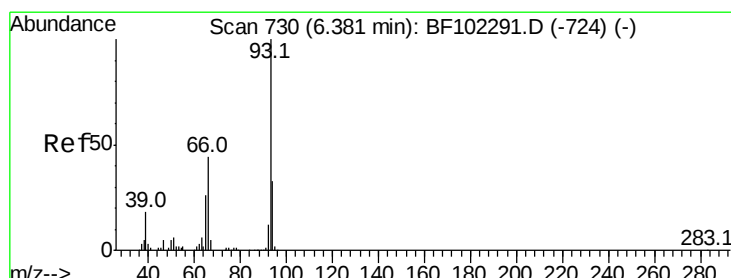
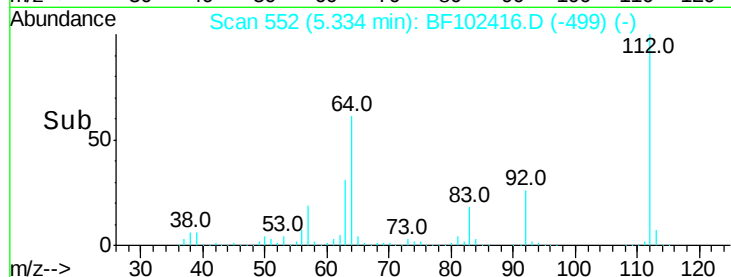
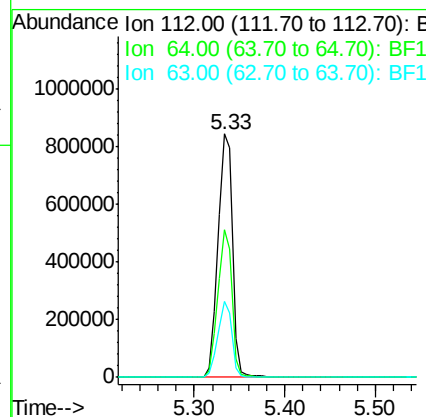
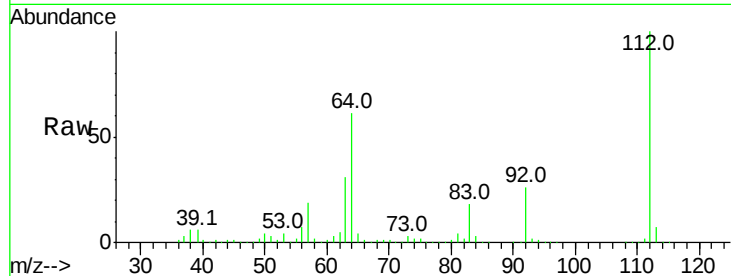
ClientSampled :

PB105903BS

Tot Ion:	112	Resp:	946349
Ion Ratio	Lower	Upper	
112	100		
64	60.5	47.9	71.9
63	31.0	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 15.200 ng

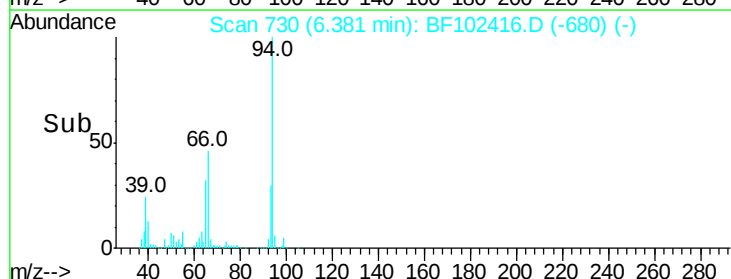
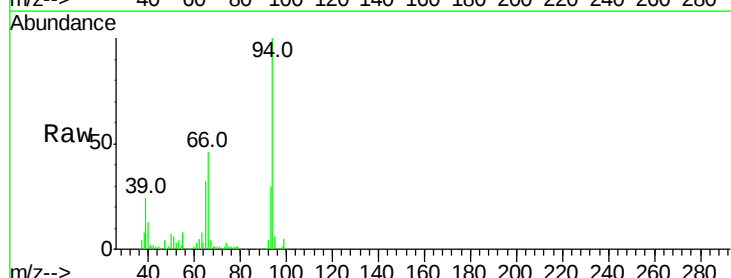
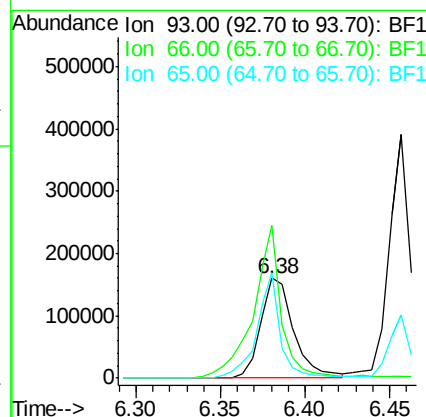
RT: 6.38 min Scan# 730

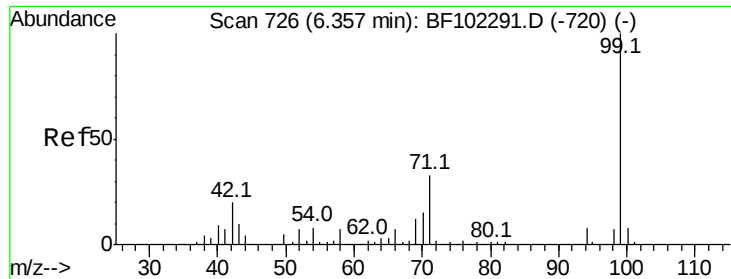
Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	93	Resp:	219279
Ion Ratio	Lower	Upper	
93	100		
66	153.2	32.2	48.2#
65	105.6	16.4	24.6#





#7

Phenol-d6

Concen: 105.109 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

ClientSampled :

PB105903BS

Tot Ion: 99 Resp: 1146438

Ion Ratio Lower Upper

99 100

42 18.8 14.5 21.7

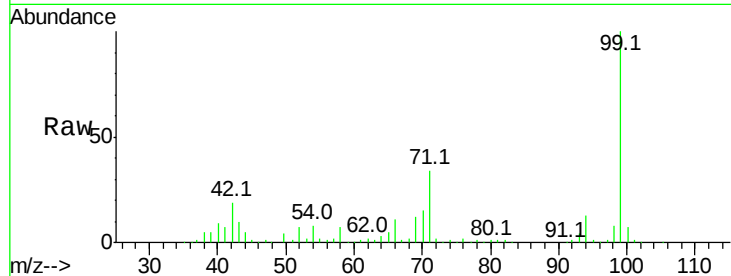
71 33.9 25.4 38.0

Manual Integrations

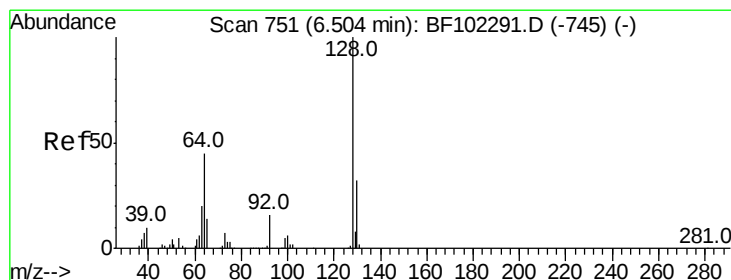
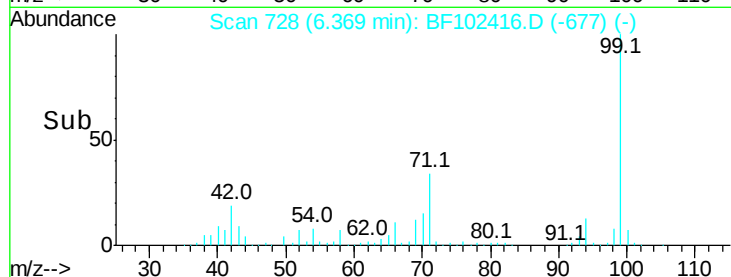
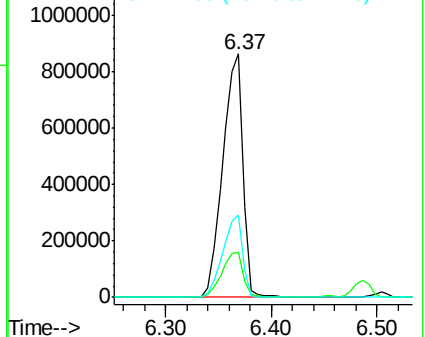
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 37.912 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

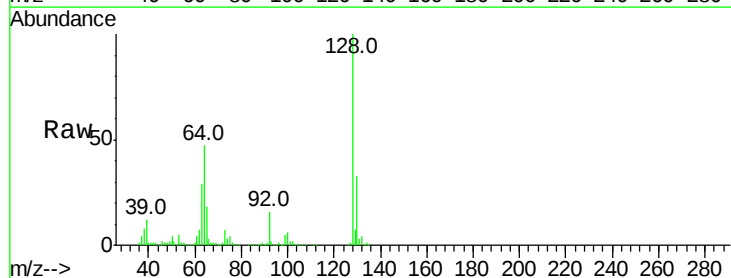
Tgt Ion:128 Resp: 359547

Ion Ratio Lower Upper

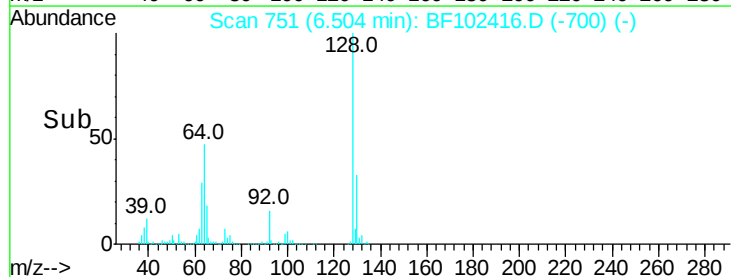
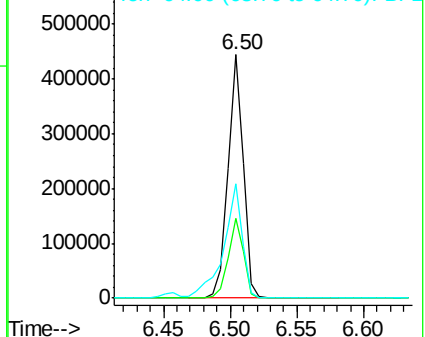
128 100

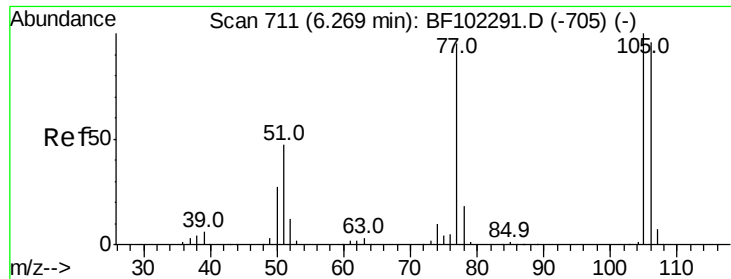
130 32.7 13.0 53.0

64 47.0 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





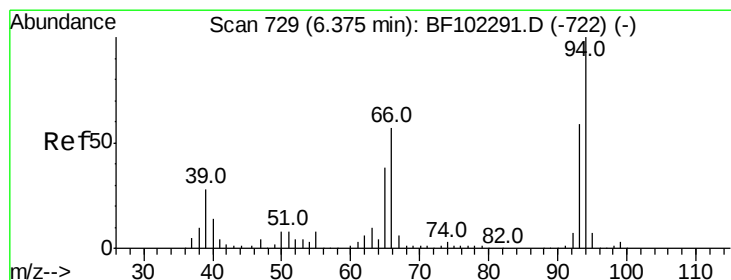
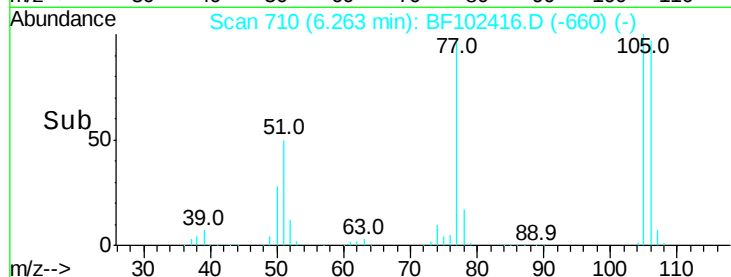
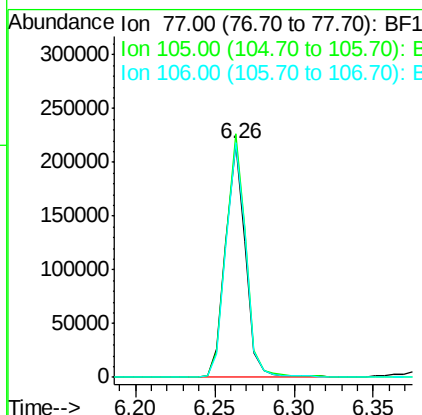
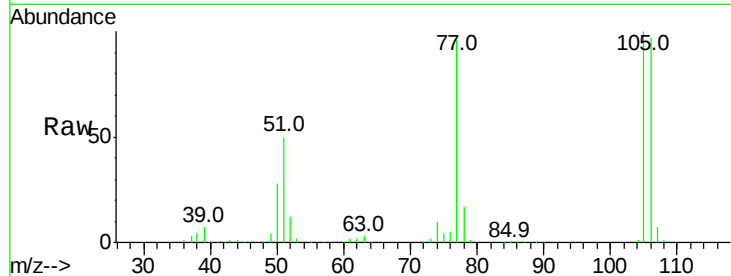
#9
Benzaldehyde
Concen: 28.708 ng
RT: 6.26 min Scan# 710
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	104.1	81.1	121.1
106	100.6	74.5	114.5

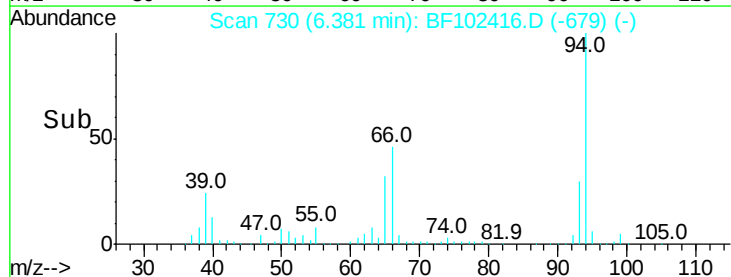
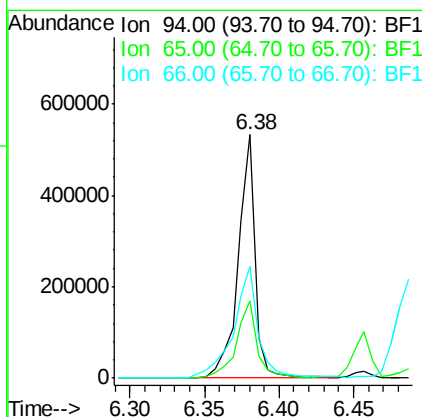
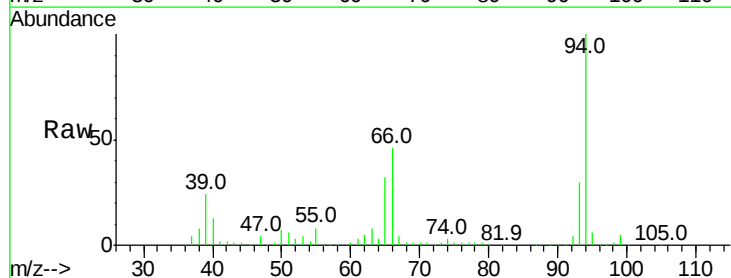
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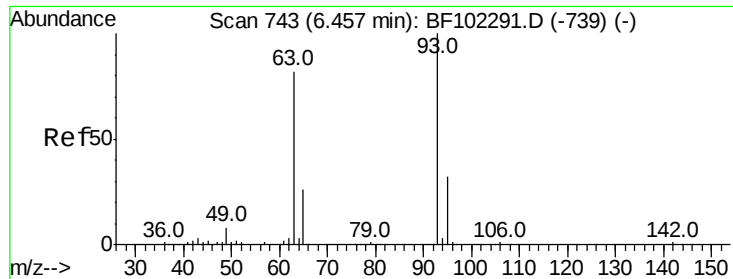
Sohil
1/25/2018 5:41:59 PM



#10
Phenol
Concen: 35.870 ng
RT: 6.38 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	31.7	7.9	47.9
66	46.0	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 36.586 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

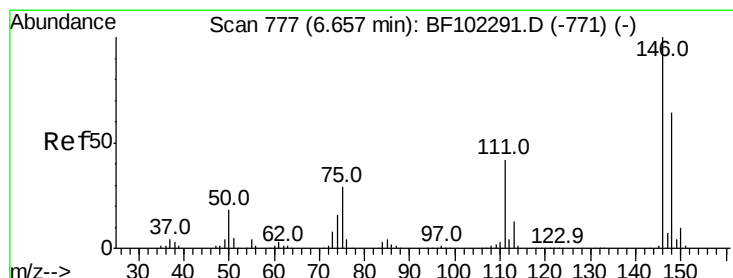
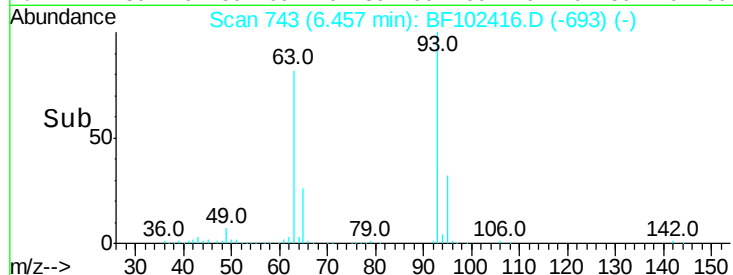
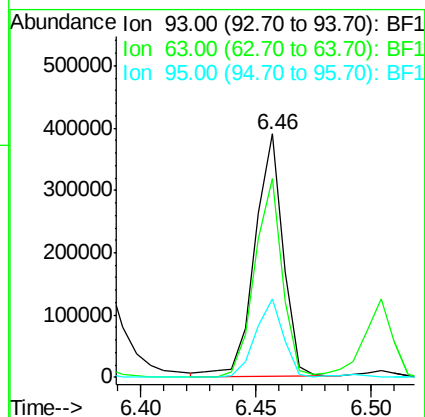
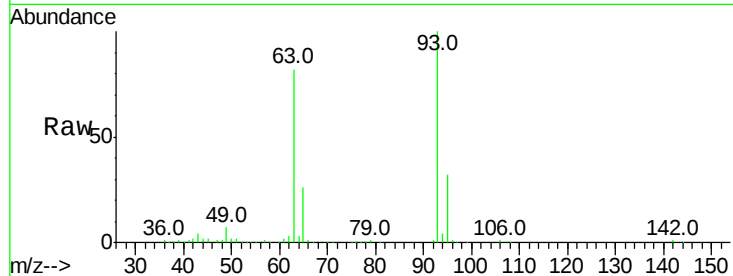
ClientSampleId :

PB105903BS

Tot Ion:	93	Resp:	331341
Ion Ratio	Lower	Upper	
93	100		
63	81.6	58.6	98.6
95	32.3	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 33.287 ng

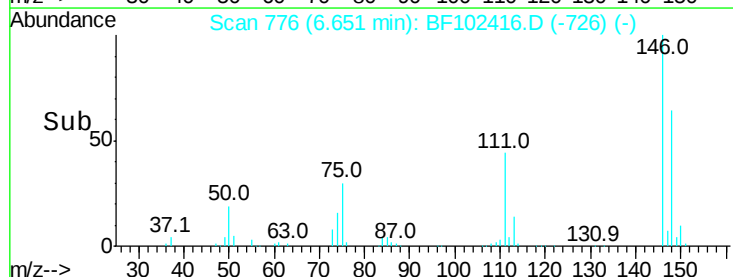
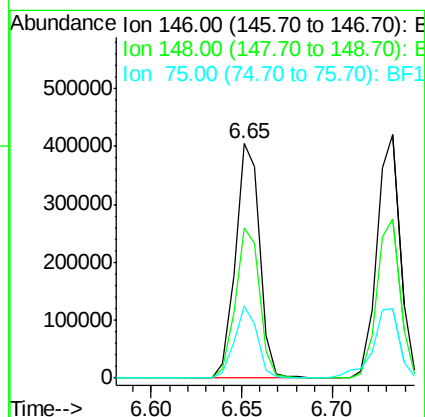
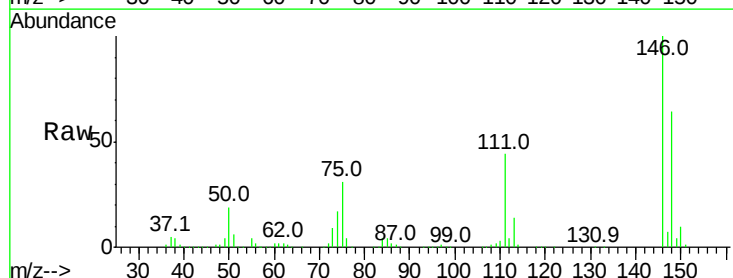
RT: 6.65 min Scan# 776

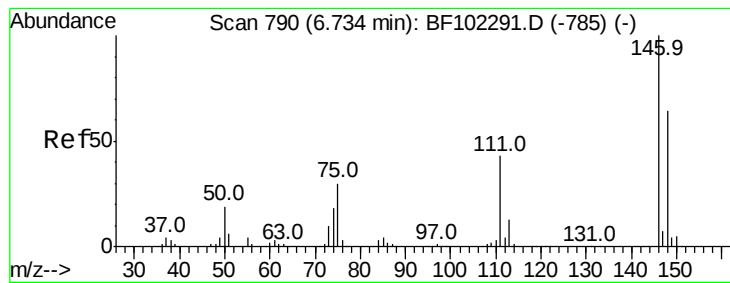
Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	146	Resp:	375450
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.8
75	30.5	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 33.396 ng

RT: 6.73 min Scan# 790

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

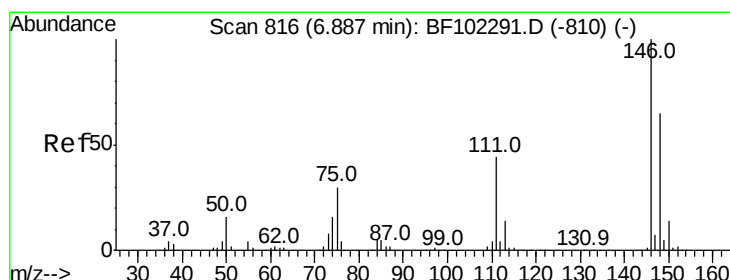
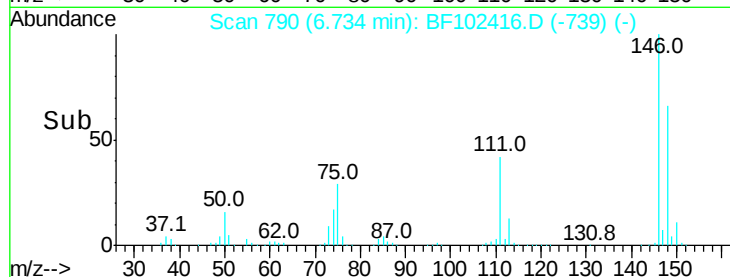
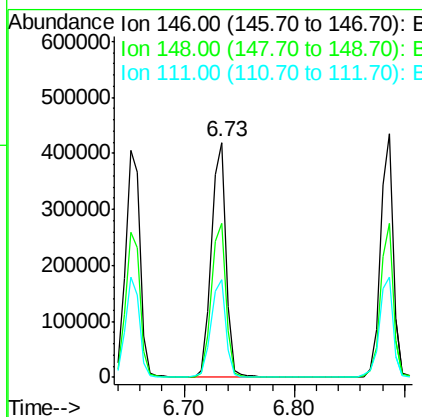
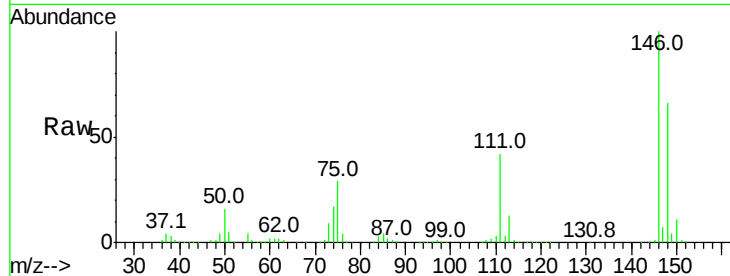
ClientSampled :

PB105903BS

Tot Ion:	146	Resp:	377321
Ion Ratio	Lower	Upper	
146	100		
148	65.5	50.8	76.2
111	41.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 34.179 ng

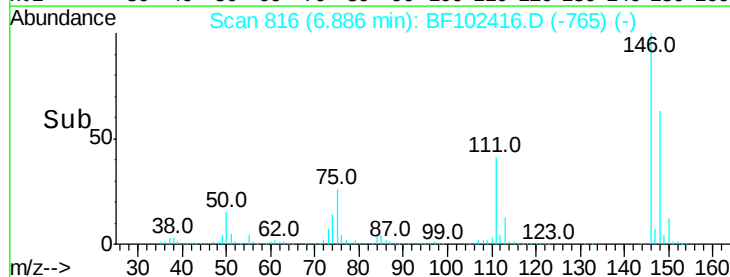
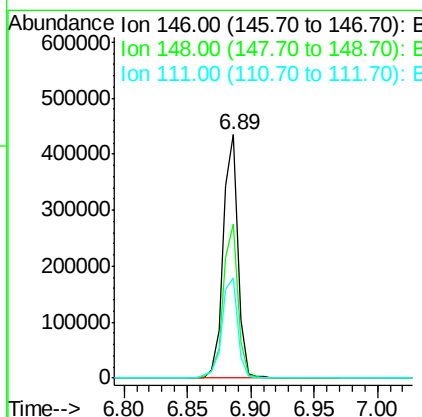
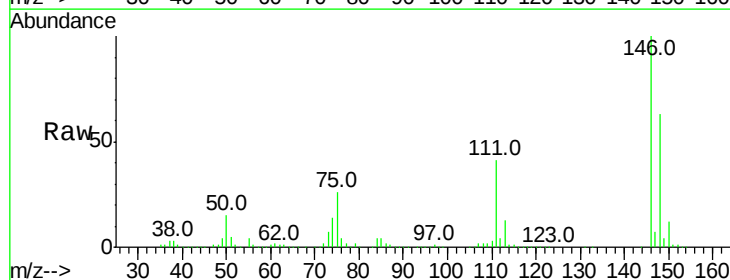
RT: 6.89 min Scan# 816

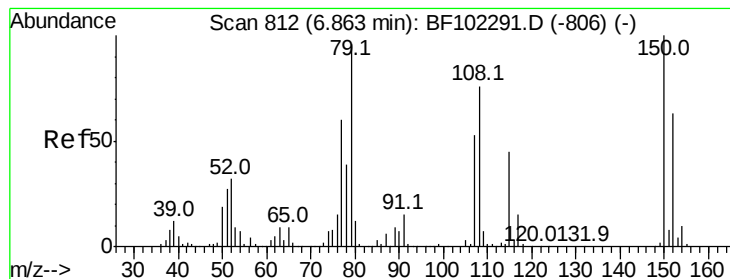
Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	146	Resp:	353228
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
111	41.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 36.149 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB105903BS

Tot Ion: 79 Resp: 278196

Ion Ratio Lower Upper

79 100

108 77.3 65.1 97.7

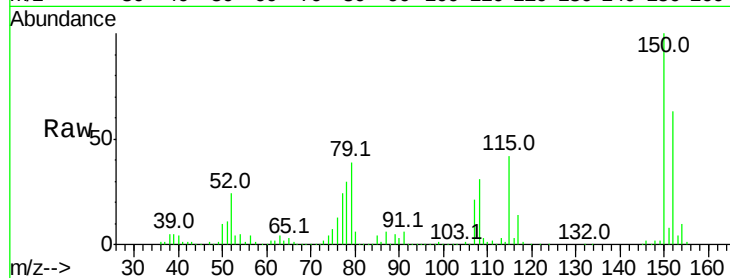
77 62.0 50.6 75.8

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Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

6.87

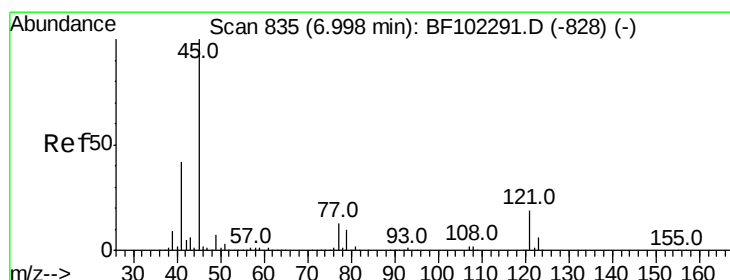
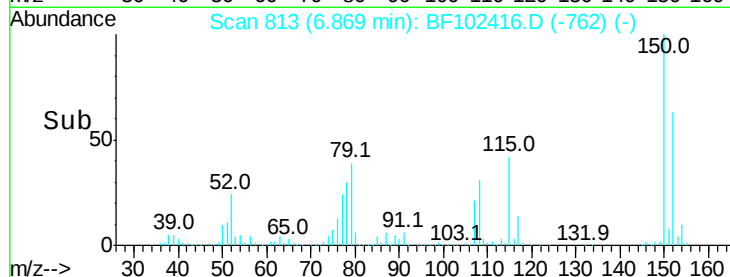
200000

100000

0

6.80 6.85 6.90 6.95

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.869 ng

RT: 6.99 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

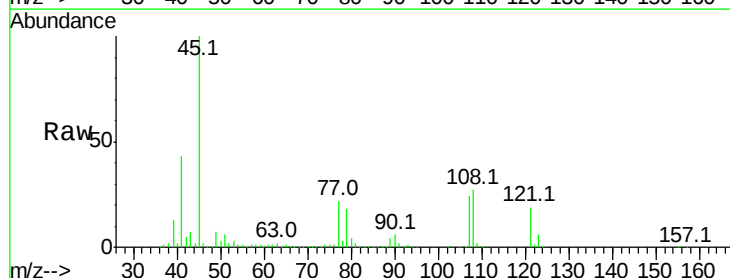
Tgt Ion: 45 Resp: 514448

Ion Ratio Lower Upper

45 100

77 21.6 0.0 32.9

79 18.5 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

6.99

500000

400000

300000

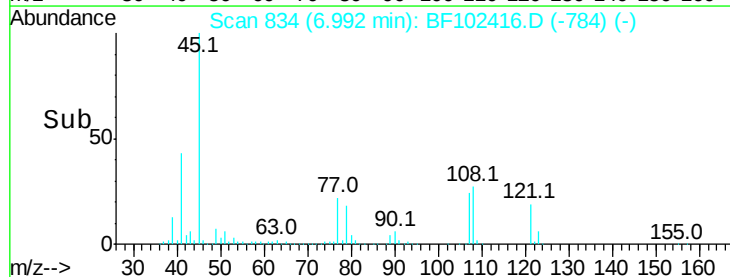
200000

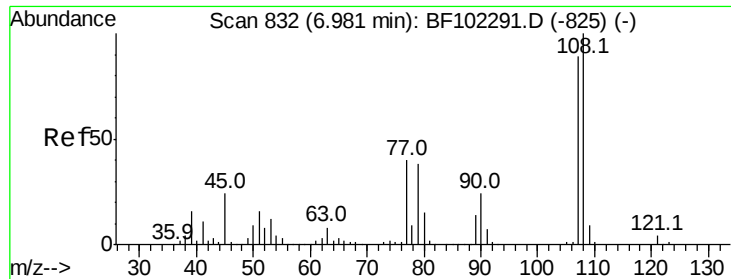
100000

0

6.95 7.00 7.05

Time-->





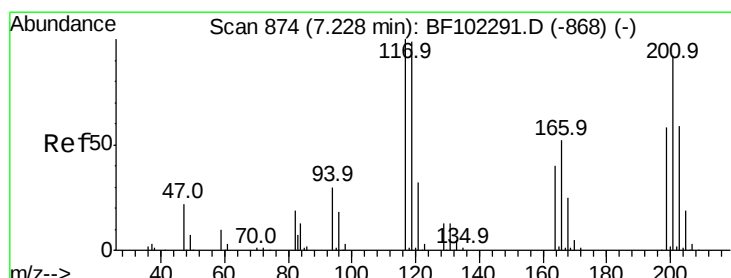
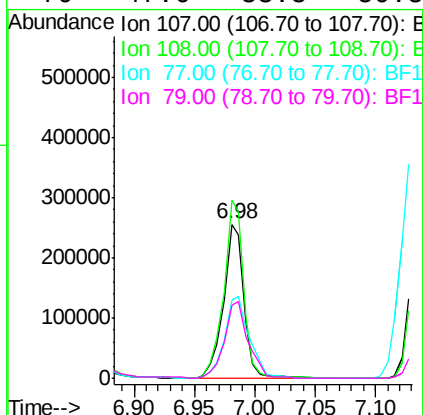
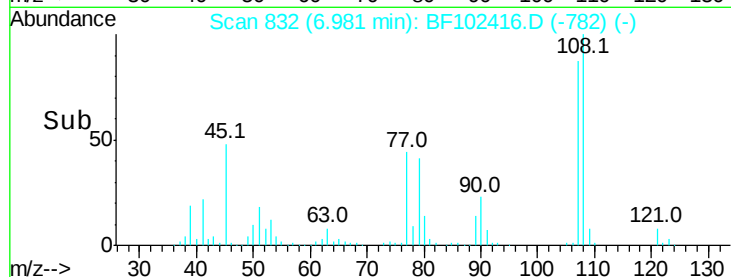
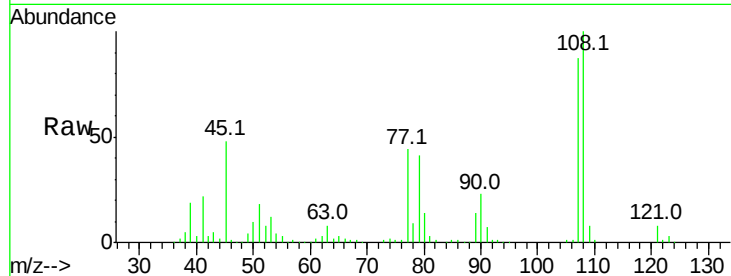
#17
2-Methylphenol
Concen: 35.822 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	91.7	137.5
77	50.6	33.8	50.8
79	47.6	33.8	50.8

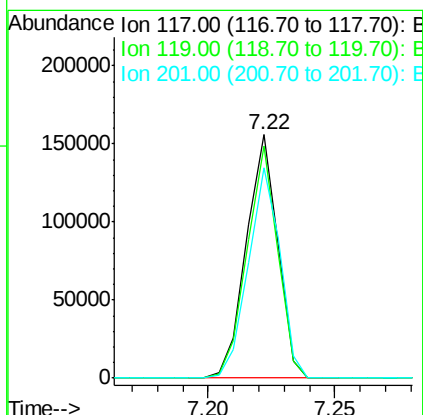
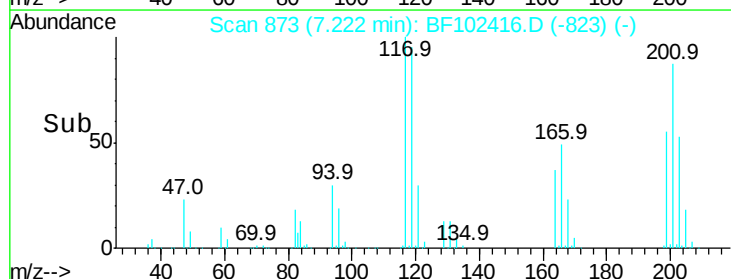
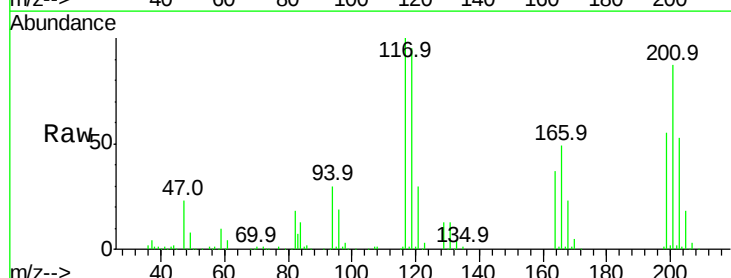
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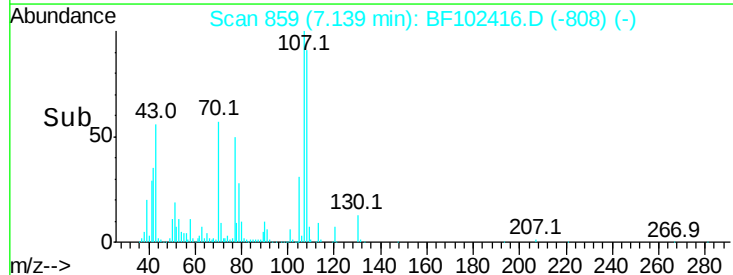
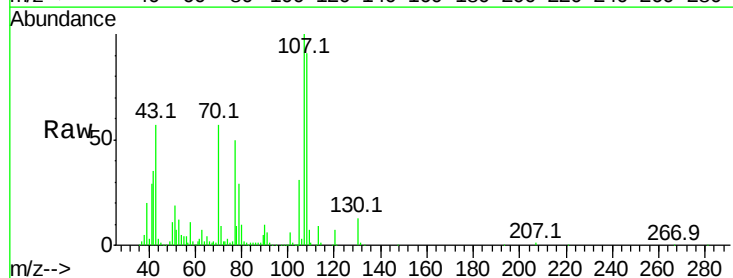
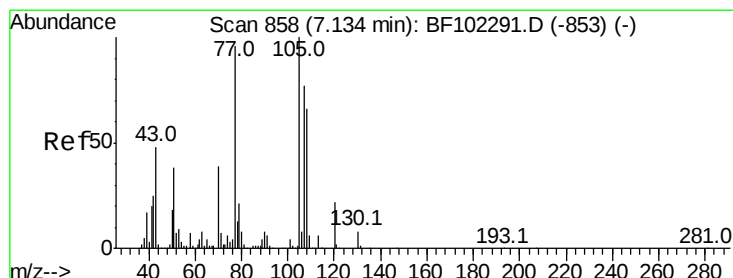
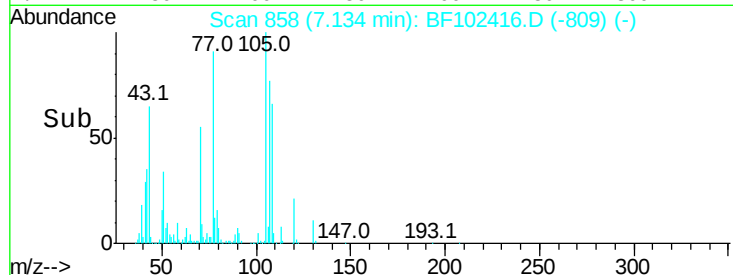
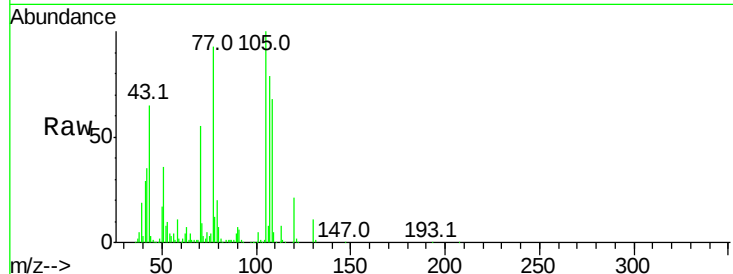
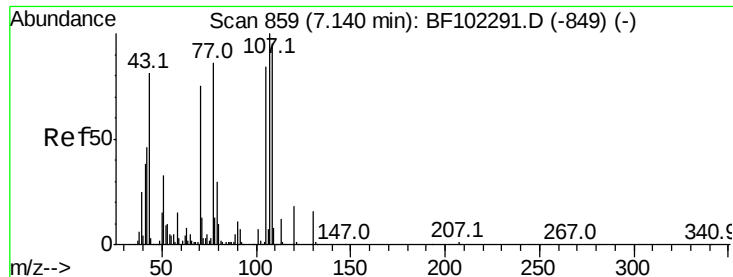
Sohil
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#18
Hexachloroethane
Concen: 34.173 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.8	113.8
201	86.6	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 34.995 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF102416.D

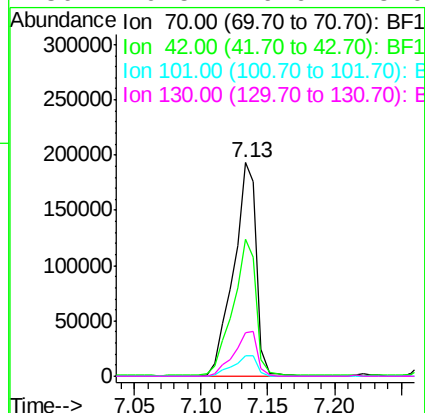
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.9	47.5	71.3
101	9.5	7.4	11.2
130	20.5	16.6	25.0

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#20

3+4-Methylphenols

Concen: 38.393 ng

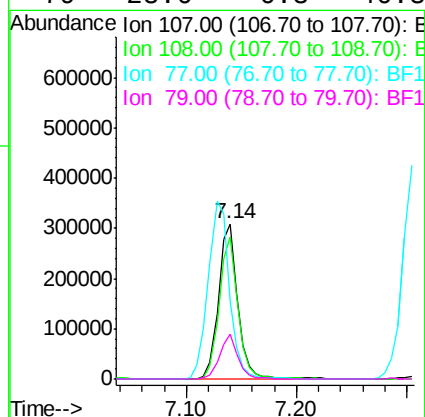
RT: 7.14 min Scan# 859

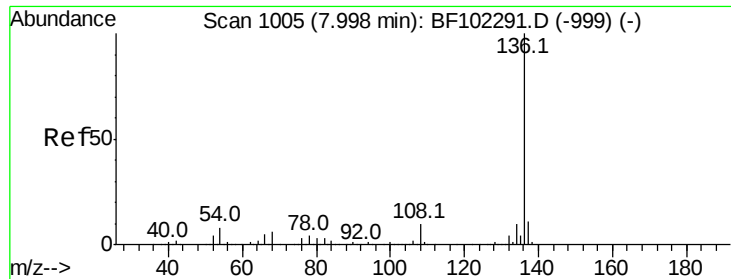
Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.2	68.2	108.2
77	50.0	26.7	66.7
79	28.6	6.3	46.3





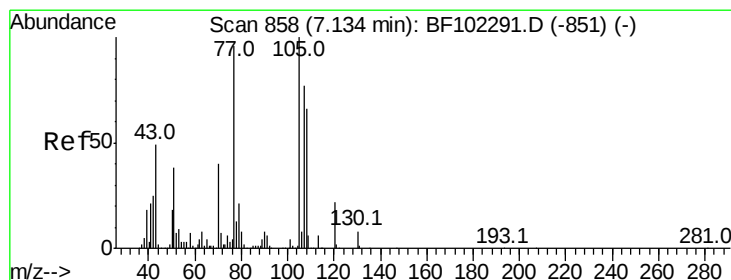
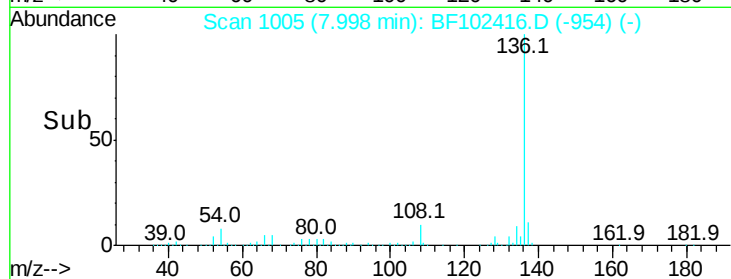
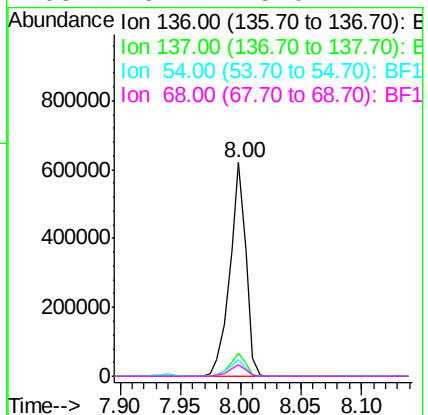
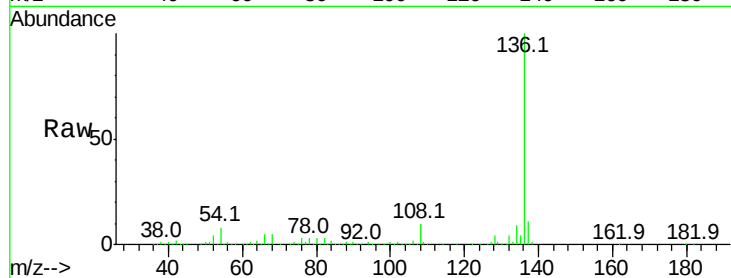
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	7.9	6.6	9.8	
68	5.2	5.0	7.4	

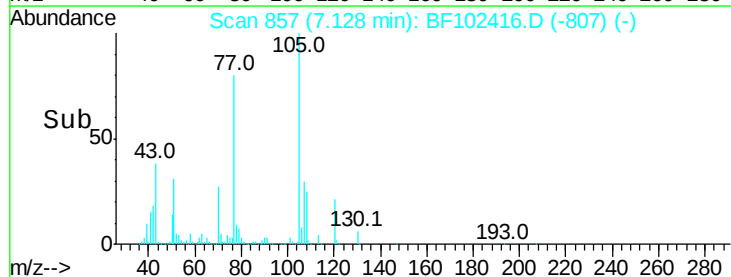
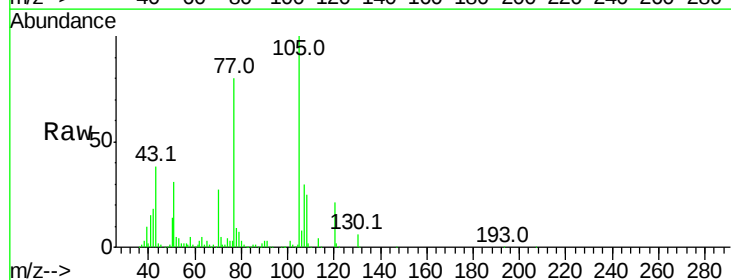
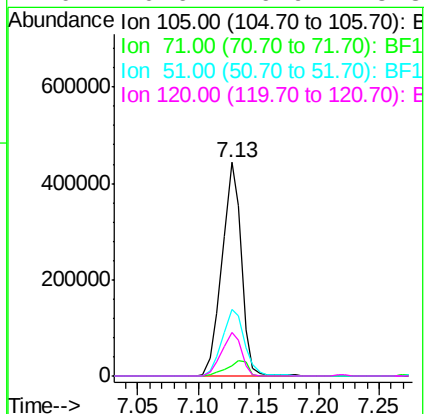
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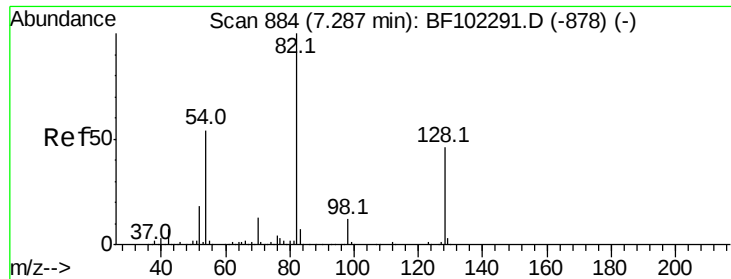
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#22
Acetophenone
Concen: 35.933 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.6	4.4	6.6	
51	31.2	22.3	33.5	
120	20.6	16.9	25.3	





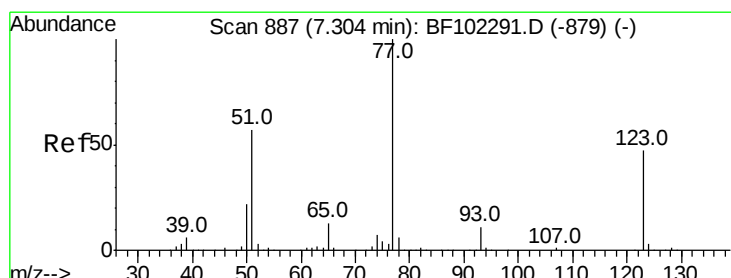
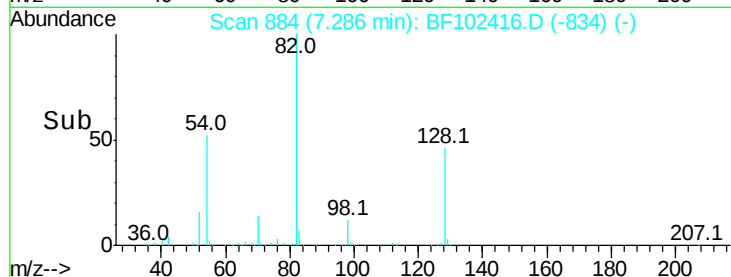
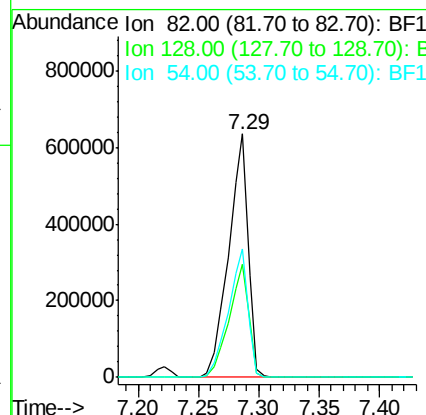
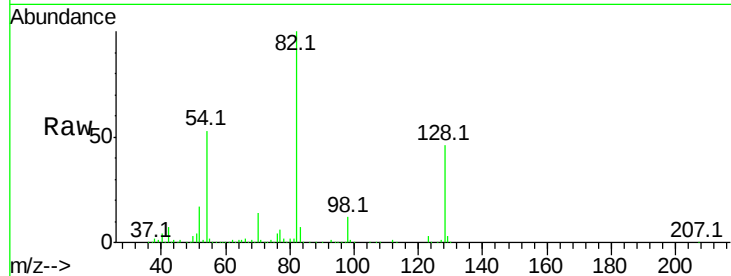
#23
Nitrobenzene-d5
Concen: 71.067 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.3	36.1	54.1
54	52.6	41.4	62.2

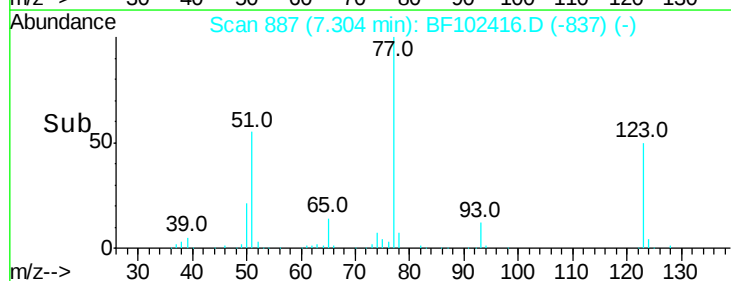
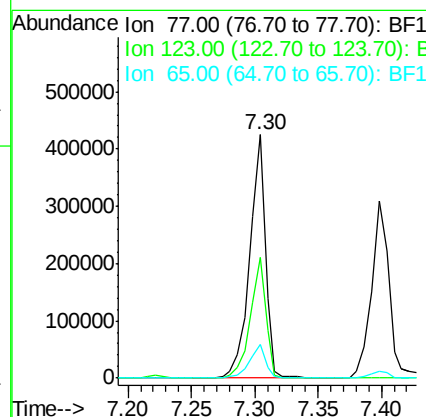
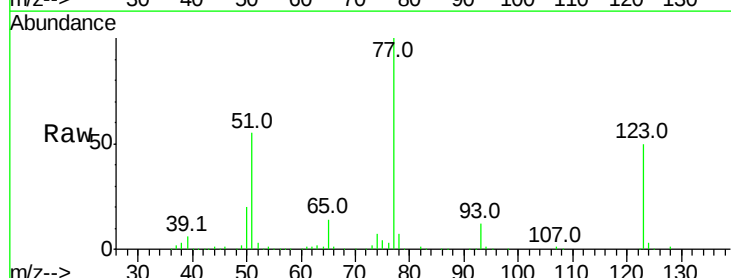
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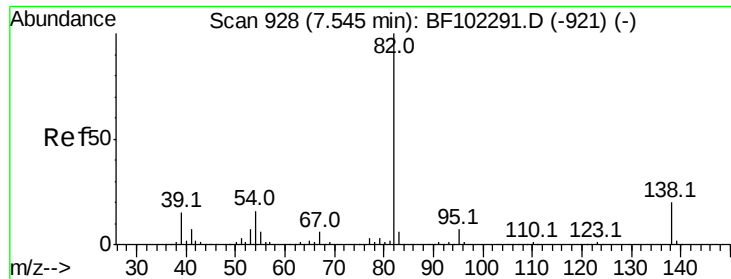
Sohil
1/25/2018 5:41:59 PM



#24
Nitrobenzene
Concen: 35.512 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	37.9	56.9
65	13.8	11.0	16.4





#25

Isophorone

Concen: 36.869 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

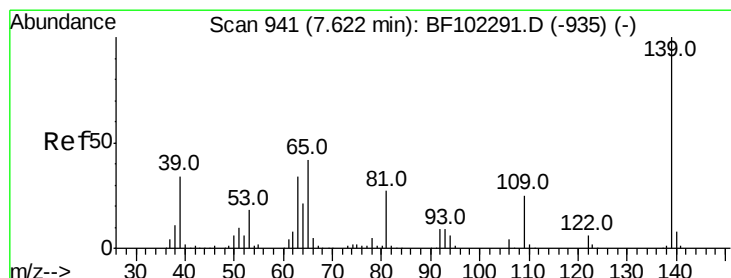
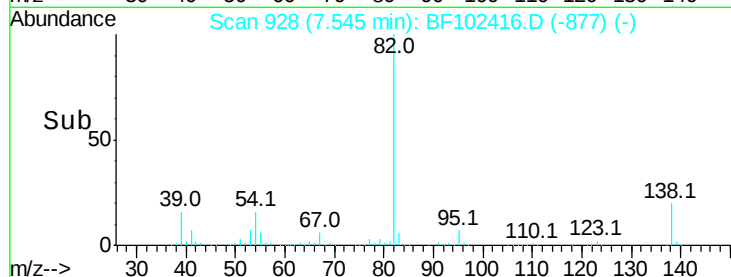
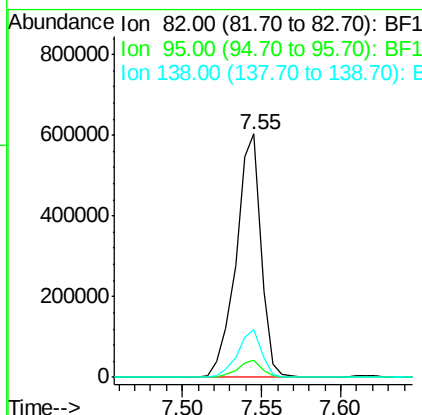
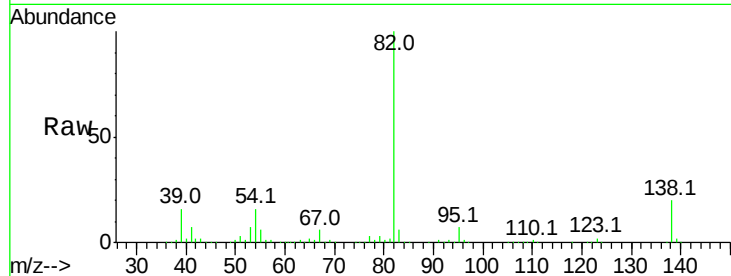
ClientSampleId :

PB105903BS

Tot Ion:	82	Resp:	656033
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.2	7.8
138	19.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 38.086 ng

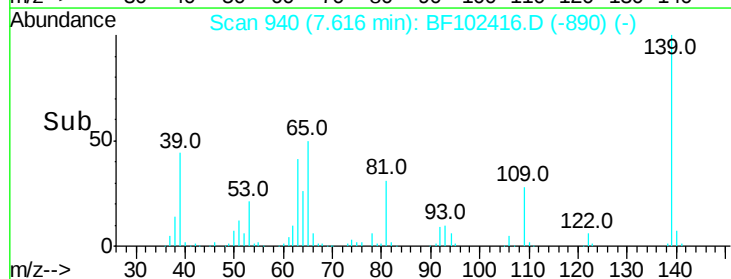
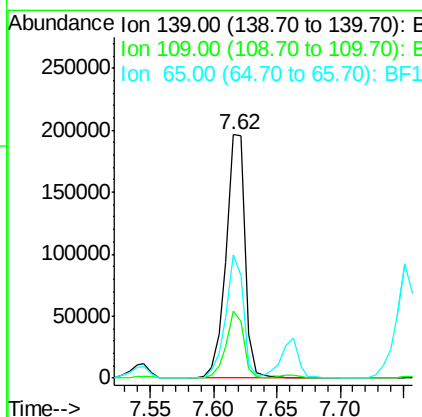
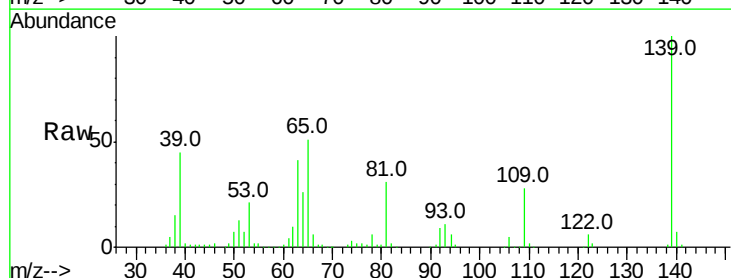
RT: 7.62 min Scan# 940

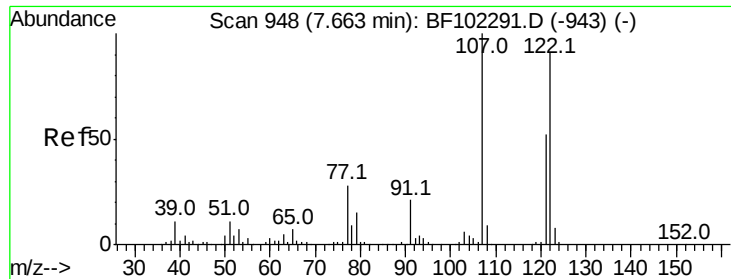
Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	139	Resp:	204746
Ion Ratio	Lower	Upper	
139	100		
109	27.6	22.7	34.1
65	50.7	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 41.583 ng

RT: 7.66 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

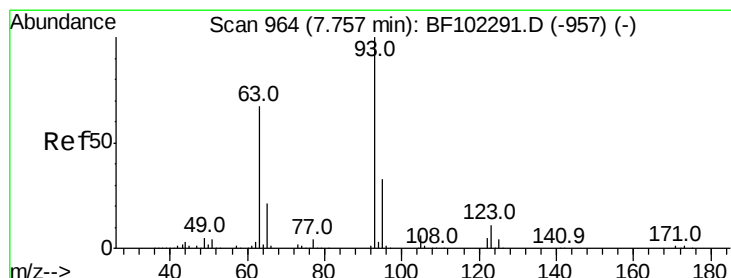
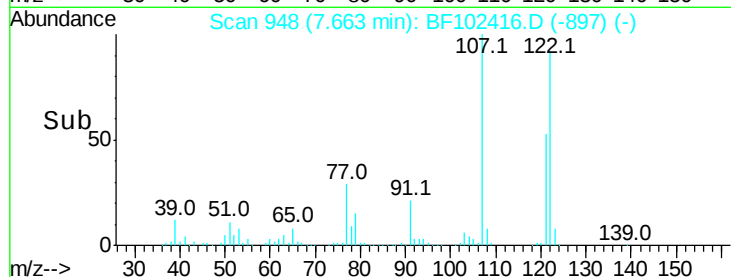
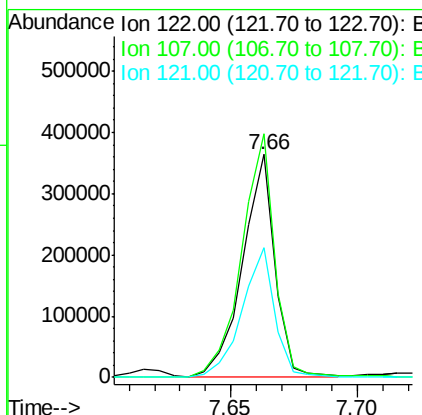
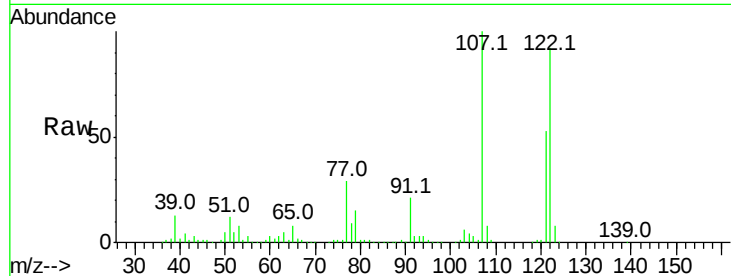
ClientSampled :

PB105903BS

Tot Ion:	122	Resp:	324598
Ion Ratio	Lower	Upper	
122	100		
107	109.3	91.2	136.8
121	58.1	47.2	70.8

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#28

bis(2-Chloroethoxy)methane

Concen: 37.816 ng

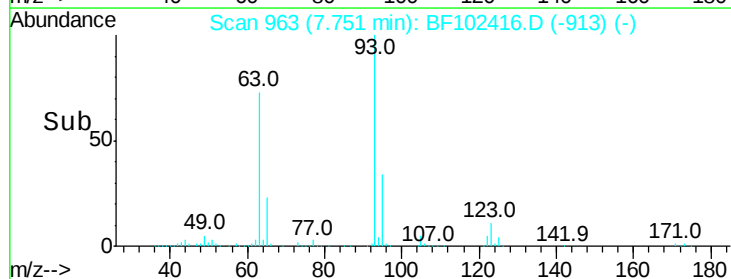
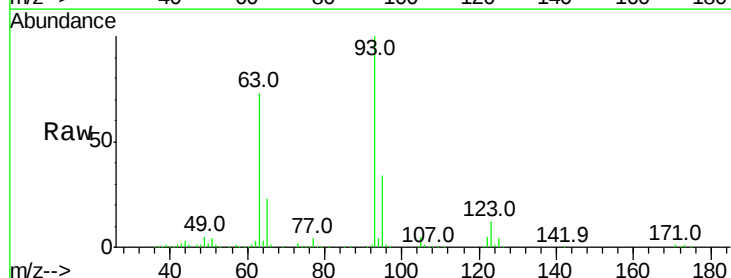
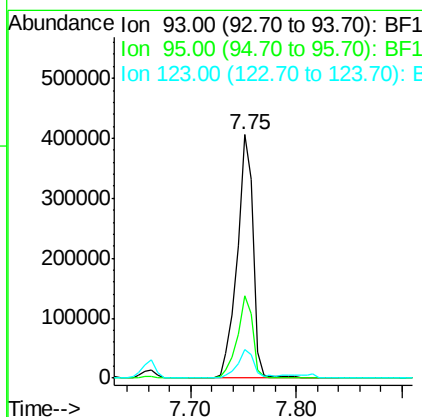
RT: 7.75 min Scan# 963

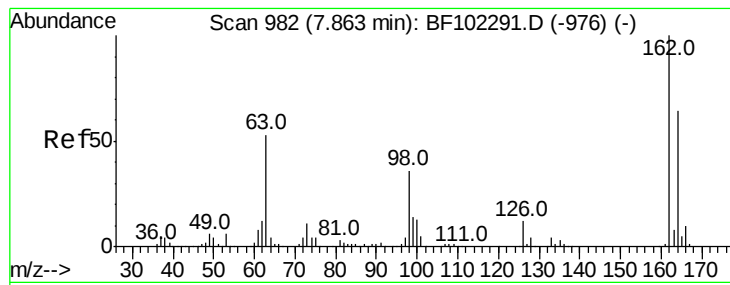
Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	93	Resp:	415669
Ion Ratio	Lower	Upper	
93	100		
95	33.7	26.3	39.5
123	11.5	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 38.429 ng

RT: 7.86 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

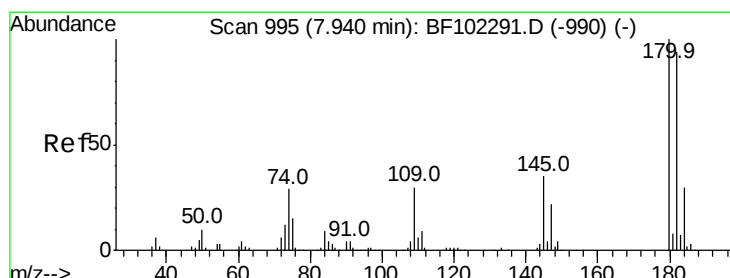
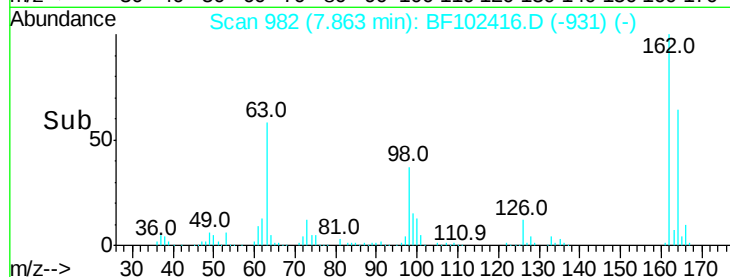
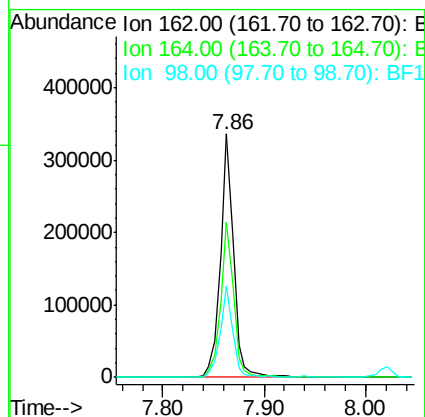
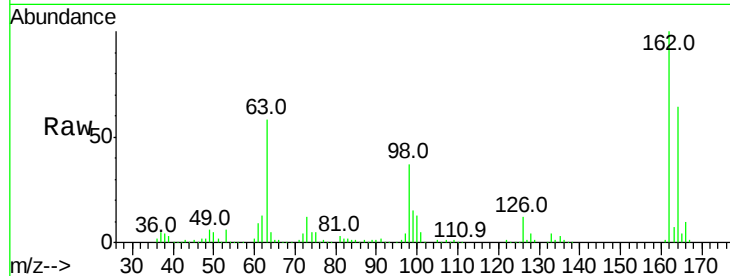
ClientSampleId :

PB105903BS

Tot Ion:	162	Resp:	305567
Ion Ratio	Lower	Upper	
162	100		
164	63.8	42.7	82.7
98	37.4	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 33.845 ng

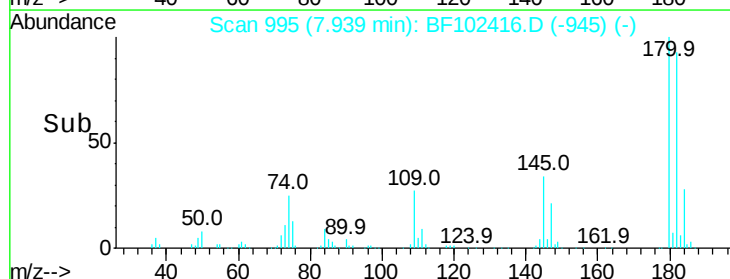
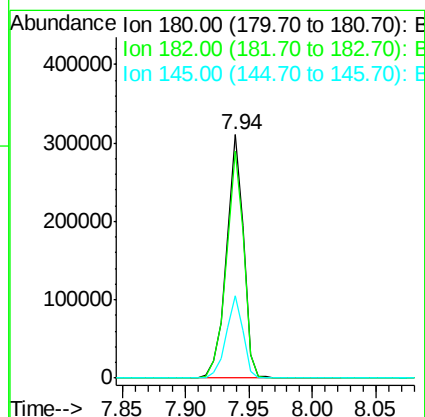
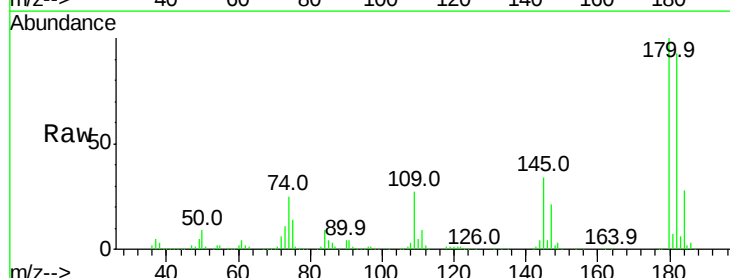
RT: 7.94 min Scan# 995

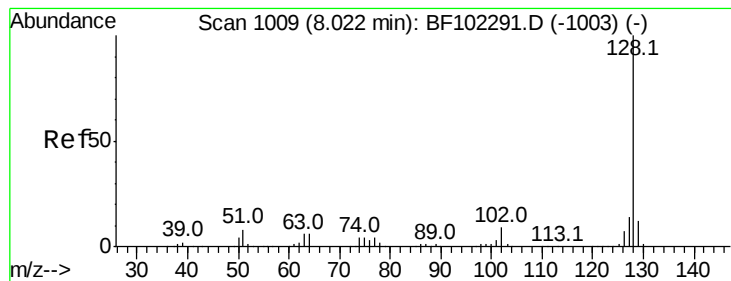
Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	180	Resp:	288485
Ion Ratio	Lower	Upper	
180	100		
182	93.2	76.8	115.2
145	33.7	26.5	39.7





#31

Naphthalene

Concen: 35.461 ng

RT: 8.02 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB105903BS

Tot Ion:128 Resp: 1015533

Ion Ratio Lower Upper

128 100

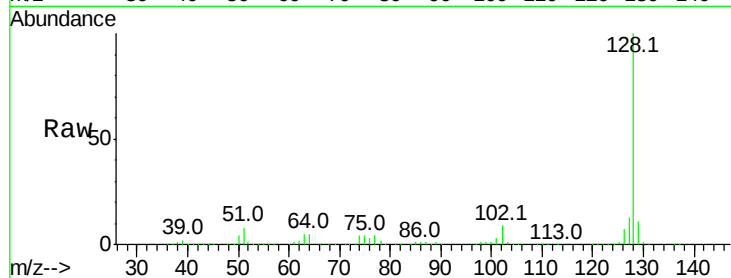
129 11.0 8.8 13.2

127 13.4 10.9 16.3

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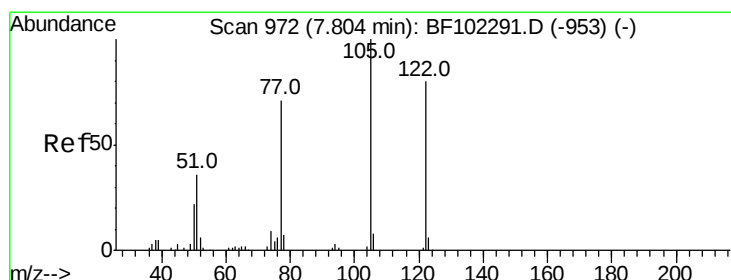
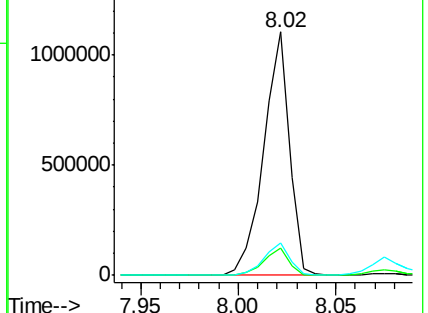
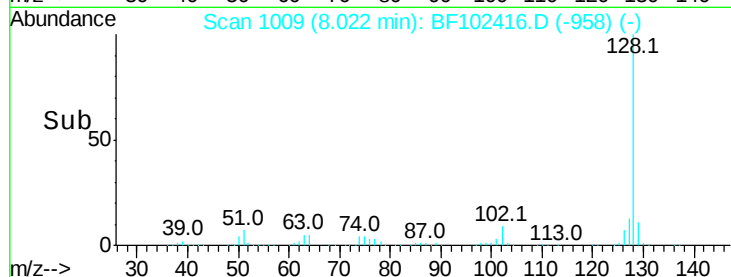
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 35.173 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

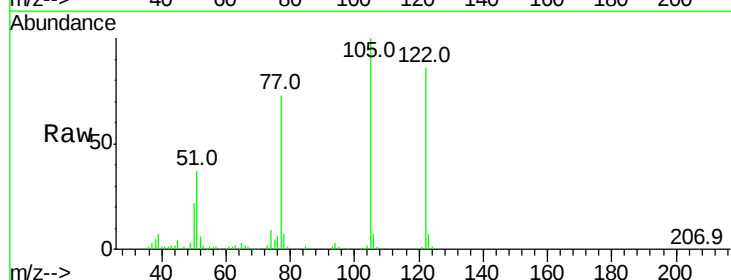
Tgt Ion:122 Resp: 230032

Ion Ratio Lower Upper

122 100

105 116.1 101.1 141.1

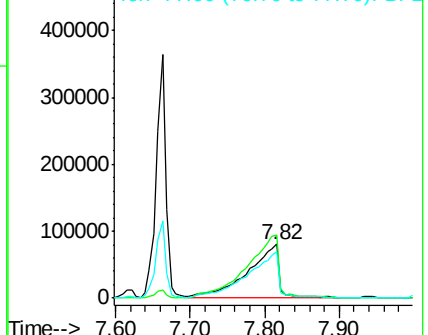
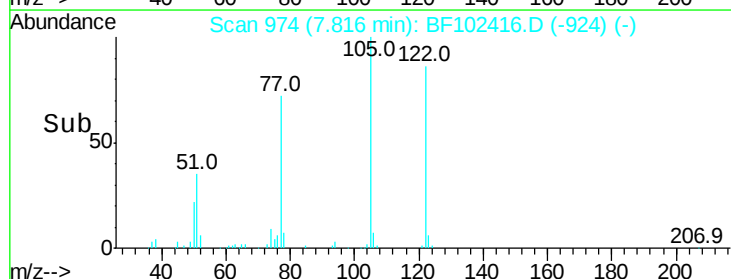
77 85.0 70.7 110.7

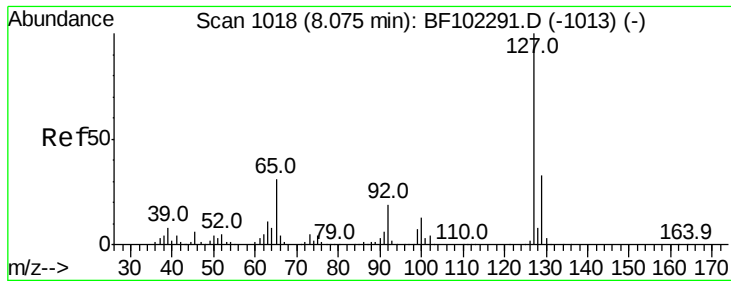


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





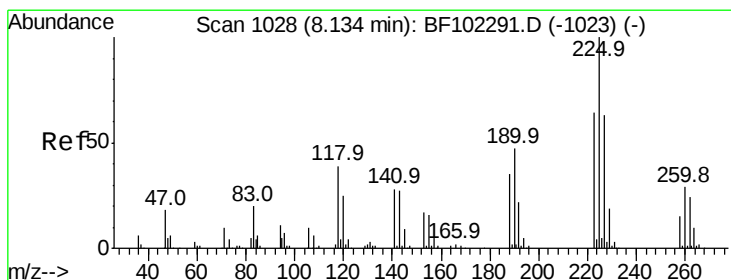
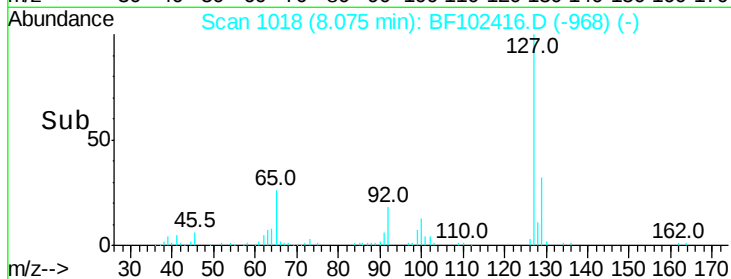
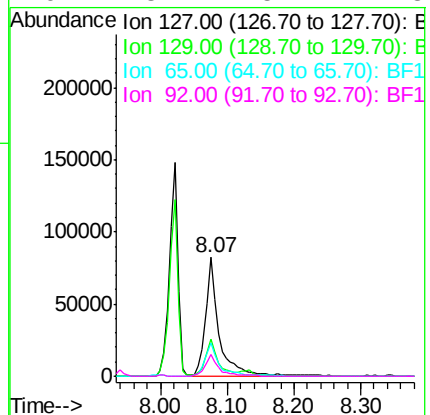
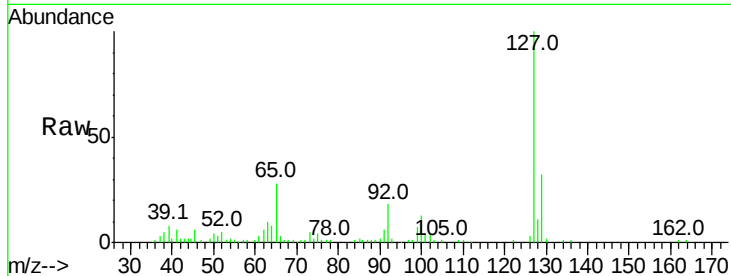
#33
4-Chloroaniline
Concen: 9.725 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.3	25.0	37.4
92	18.4	15.2	22.8

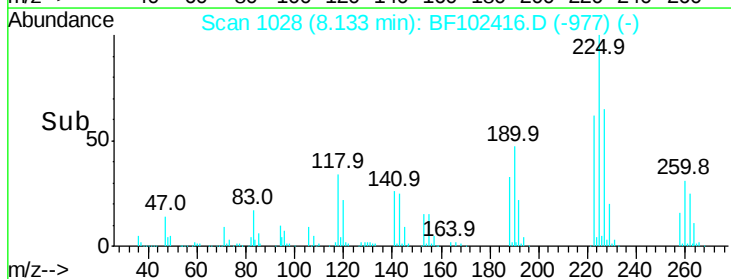
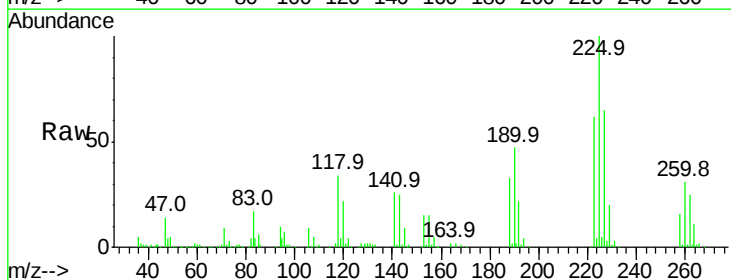
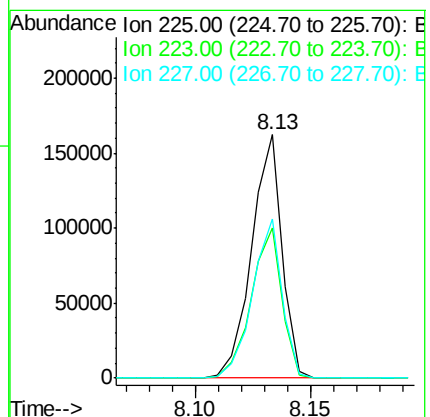
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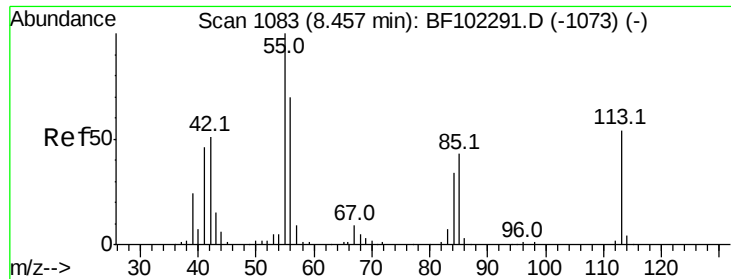
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#34
Hexachlorobutadiene
Concen: 32.755 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.6	76.0
227	65.1	51.9	77.9





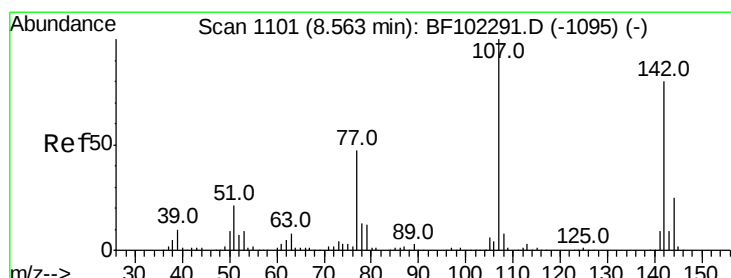
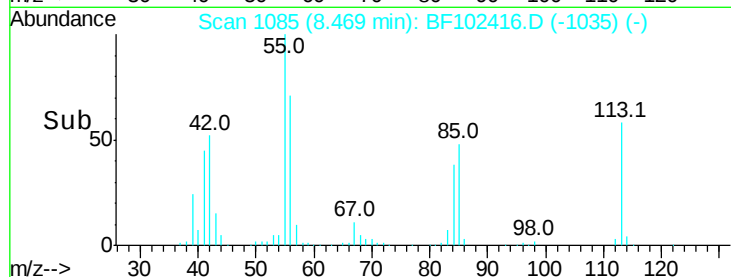
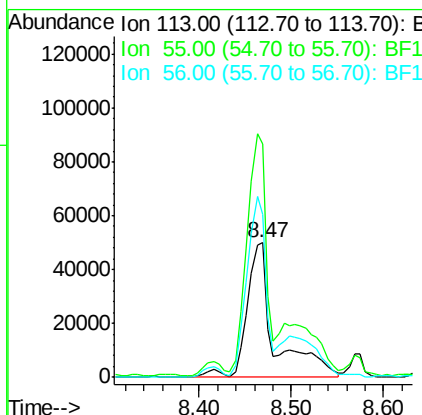
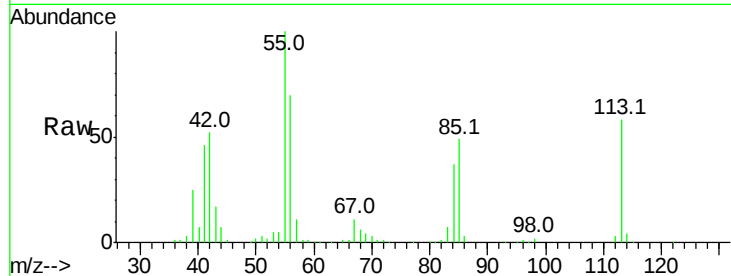
#35
 Caprolactam
 Concen: 39.929 ng/ml
 RT: 8.47 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	173.3	163.3	203.3
56	121.7	115.7	155.7

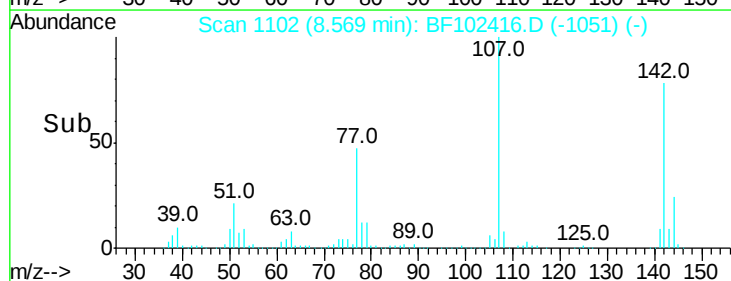
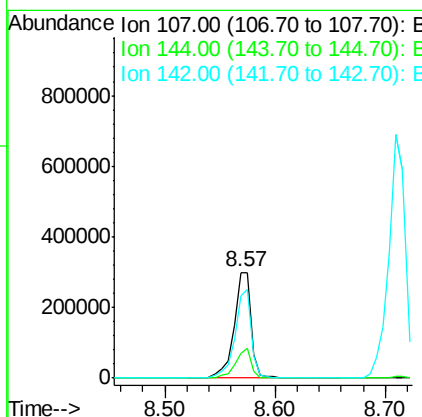
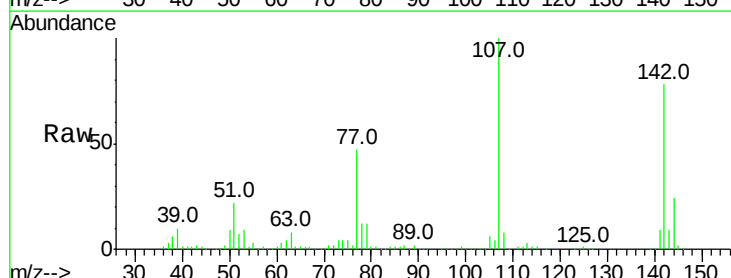
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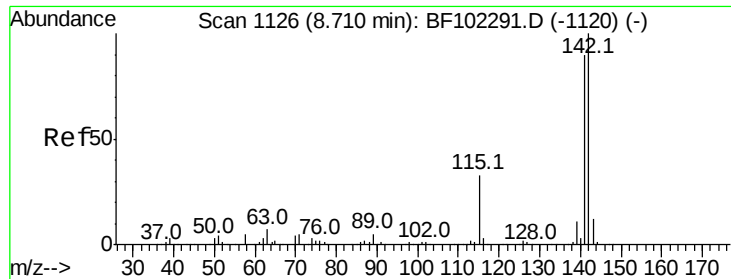
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#36
 4-Chloro-3-methylphenol
 Concen: 39.378 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	20.5	30.7
142	77.9	62.0	93.0





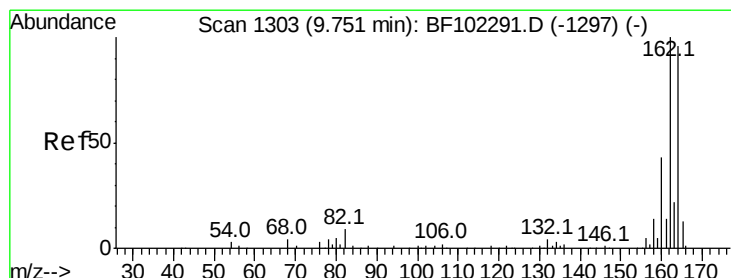
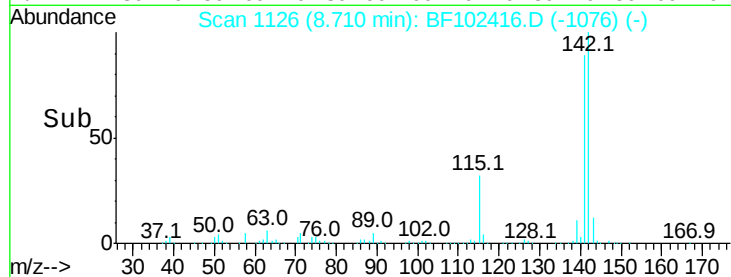
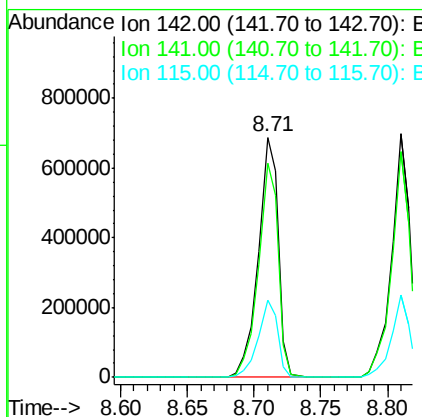
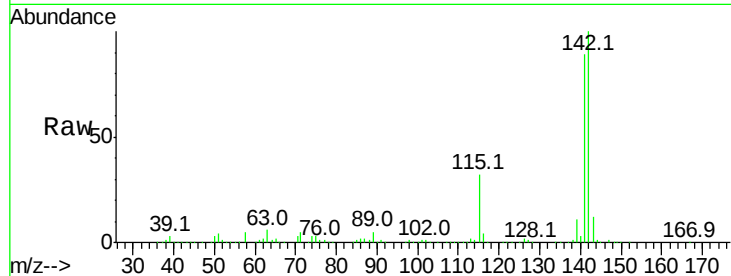
#37
 2-Methylnaphthalene
 Concen: 36.763 ng
 RT: 8.71 min Scan# 1126
 Delta R.T. -0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	701148		
141	89.0		70.8	106.2
115	32.2		26.1	39.1

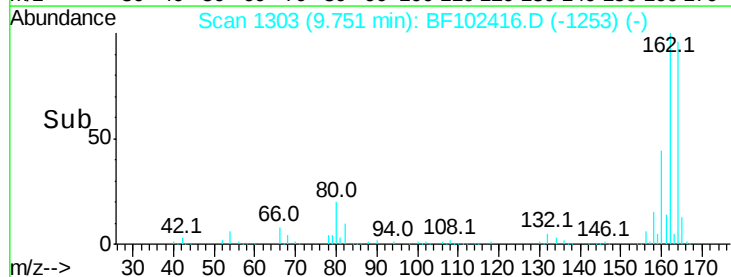
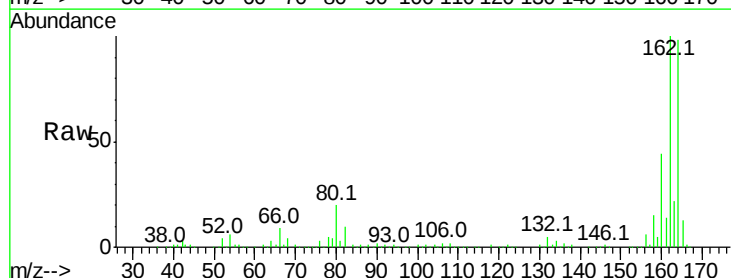
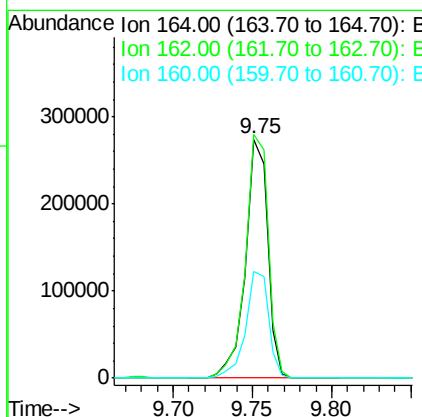
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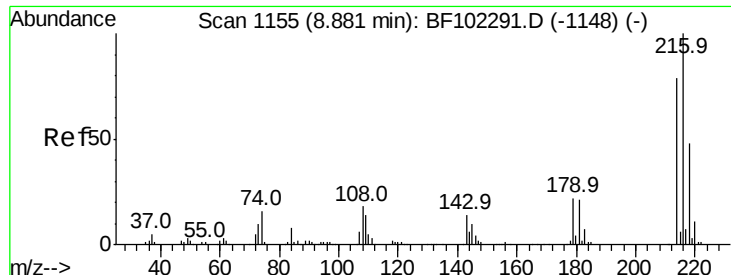
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	265935		
162	101.8		86.1	129.1
160	44.8		38.3	57.5





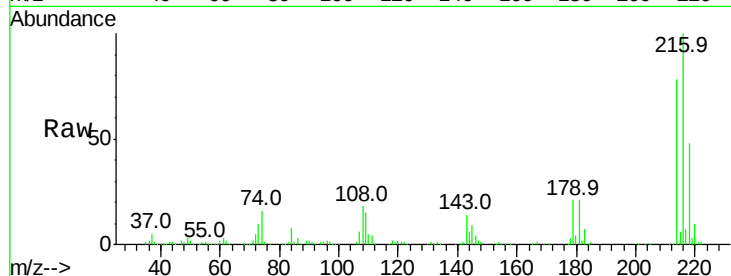
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 33.751 ng
 RT: 8.88 min Scan# 1155
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

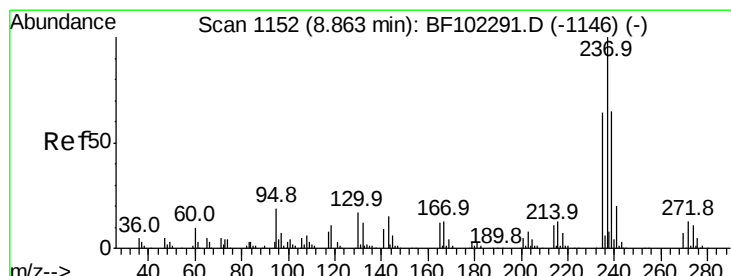
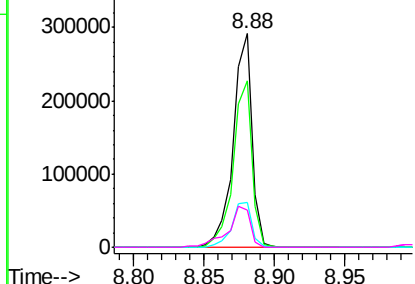
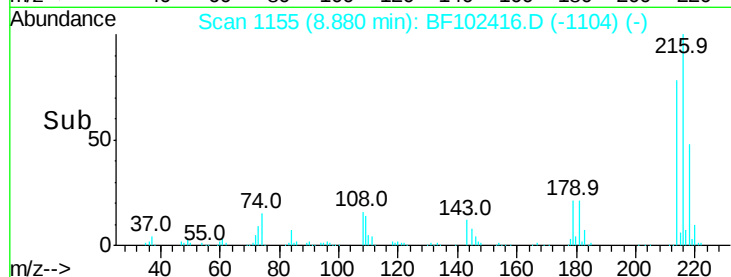
Tot Ion	Ratio	Resp	Lower	Upper
216	100	270038		
214	78.7		63.0	94.4
179	22.5		18.1	27.1
108	22.9		17.2	25.8

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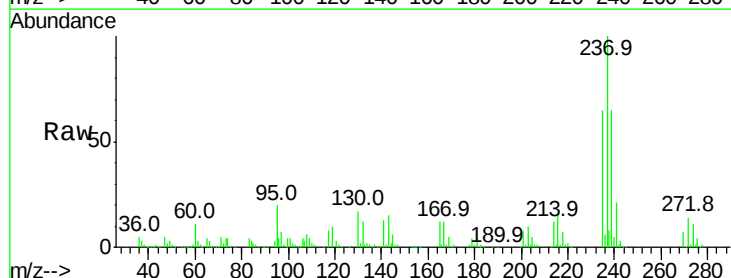


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

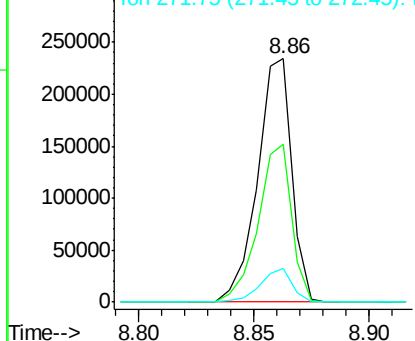
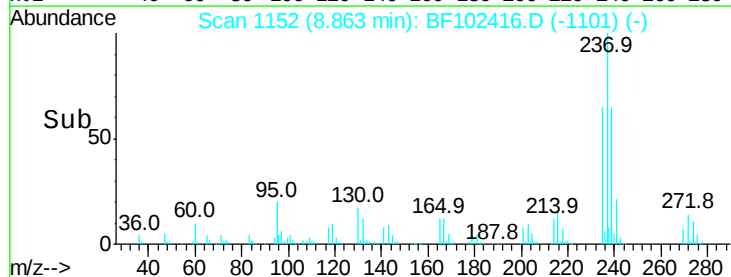


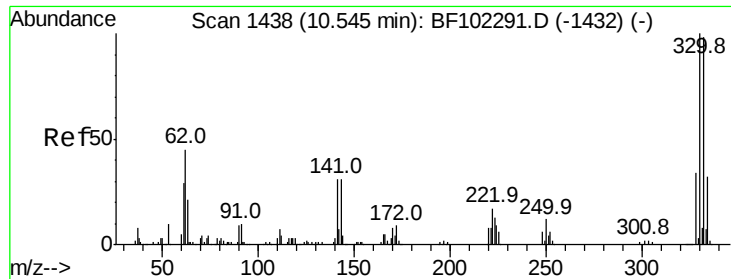
#40
 Hexachlorocyclopentadiene
 Concen: 67.757 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	242612		
235	65.0		44.8	84.8
272	13.6		0.0	33.3



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





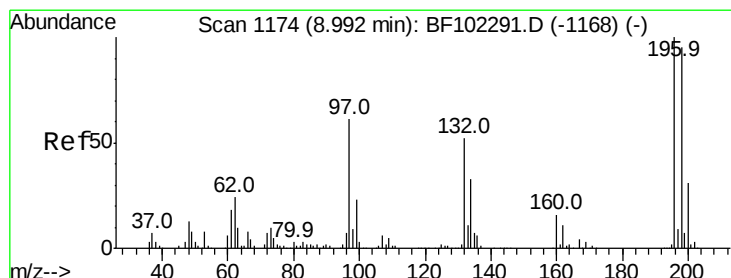
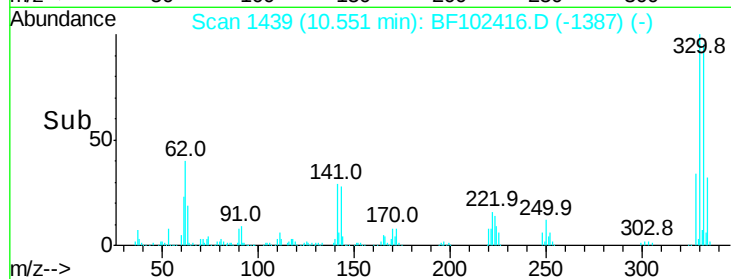
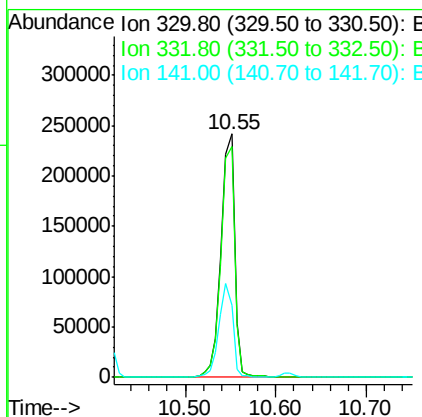
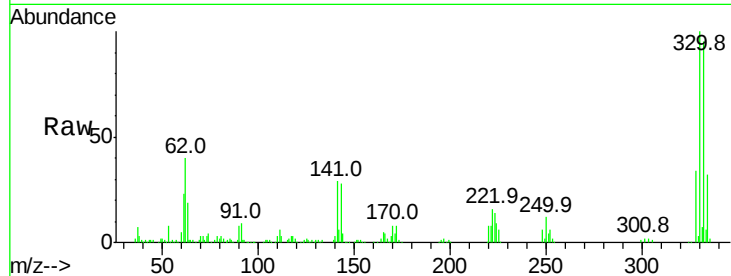
#41
 2,4,6-Tribromophenol
 Concen: 95.433 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	38.8	29.9	44.9

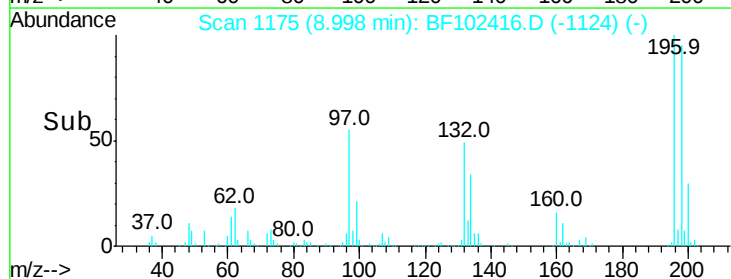
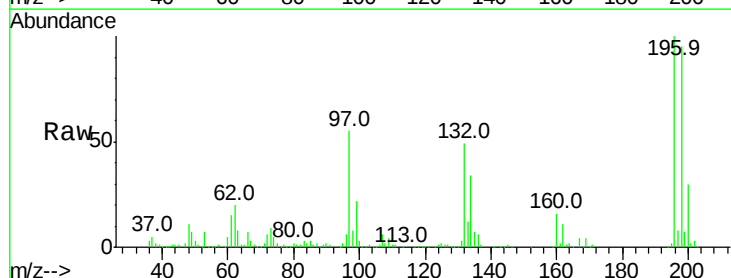
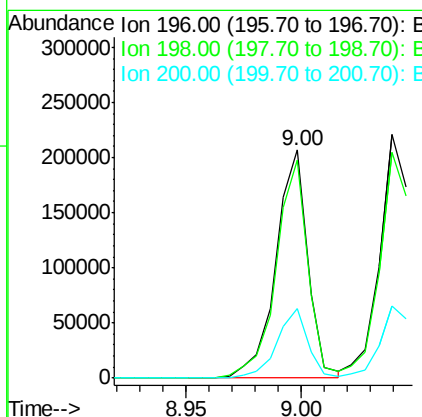
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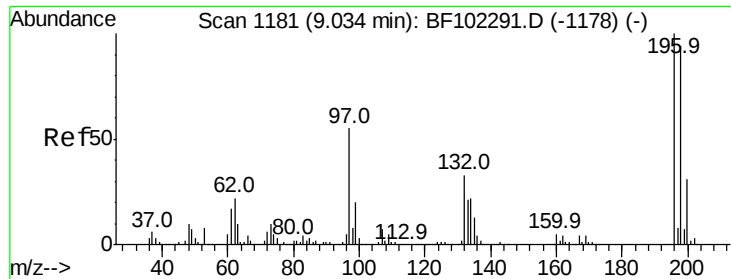
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#42
 2,4,6-Trichlorophenol
 Concen: 36.905 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	75.7	113.5
200	30.4	24.5	36.7





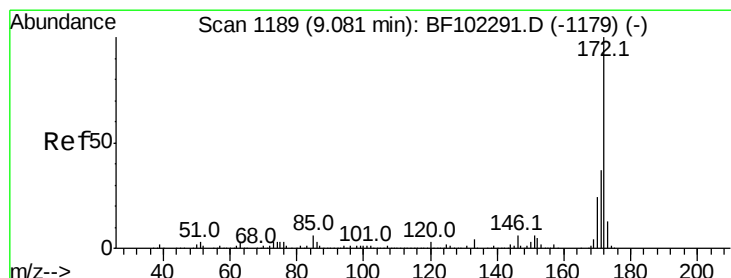
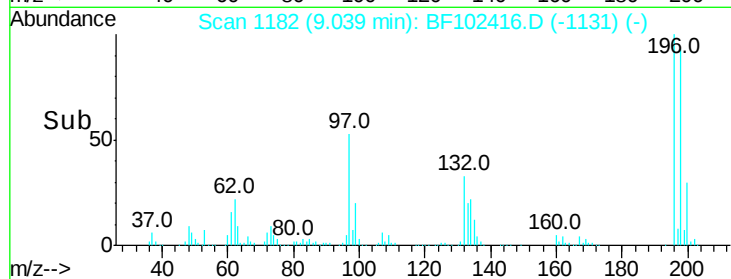
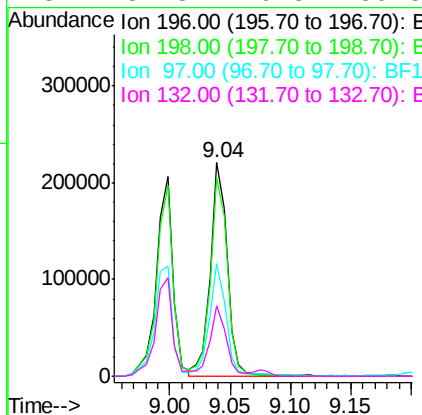
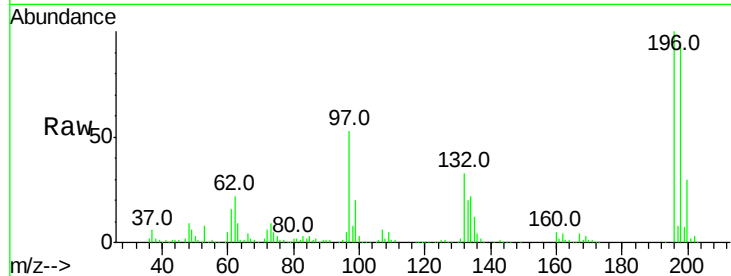
#43
 2,4,5-Trichlorophenol
 Concen: 35.300 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	212875		
198	92.8	74.6	112.0	
97	53.0	42.9	64.3	
132	32.8	26.3	39.5	

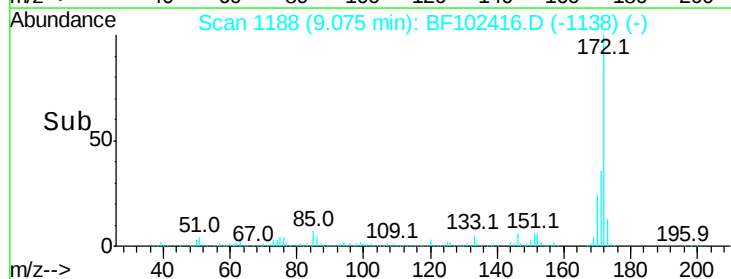
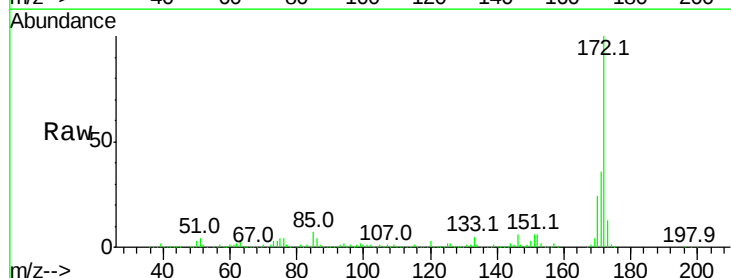
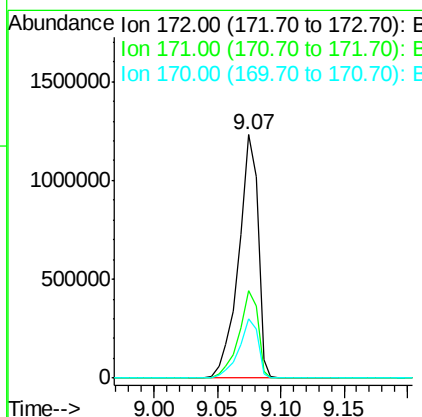
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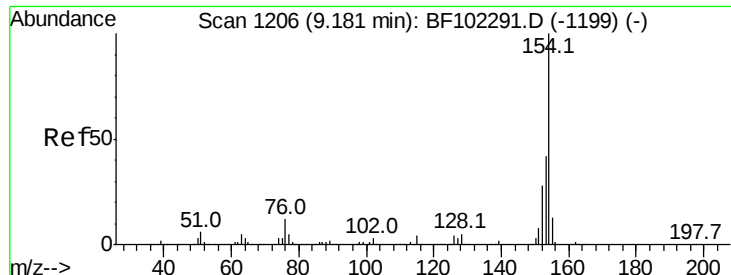
Sohil
 1/25/2018 5:41:59 PM



#44
 2-Fluorobiphenyl
 Concen: 71.614 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1295249		
171	36.1	29.7	44.5	
170	24.4	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 34.025 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

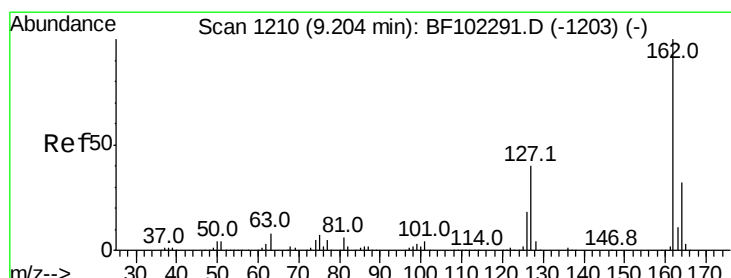
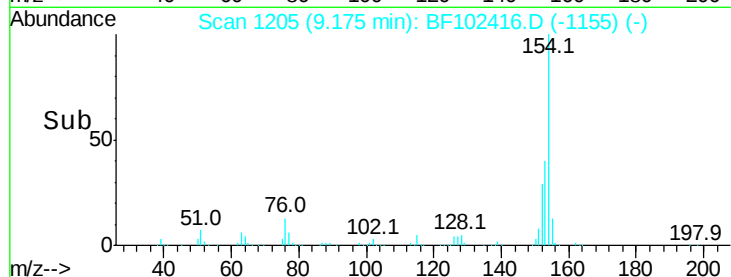
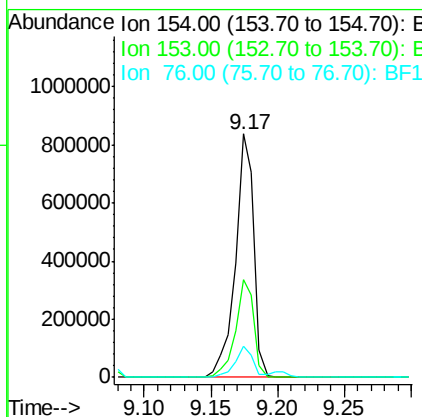
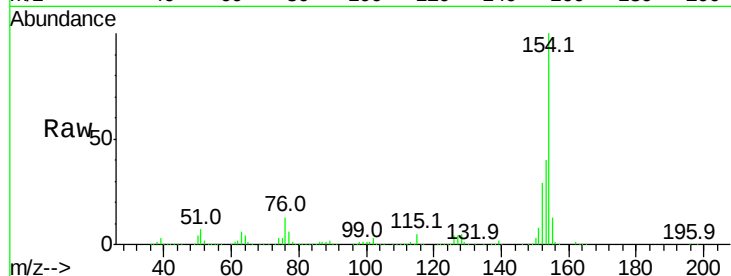
ClientSampleId :

PB105903BS

Tot Ion:	154	Resp:	809078
Ion Ratio	Lower	Upper	
154	100		
153	40.2	21.3	61.3
76	12.9	0.0	34.0

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#46

2-Chloronaphthalene

Concen: 34.069 ng

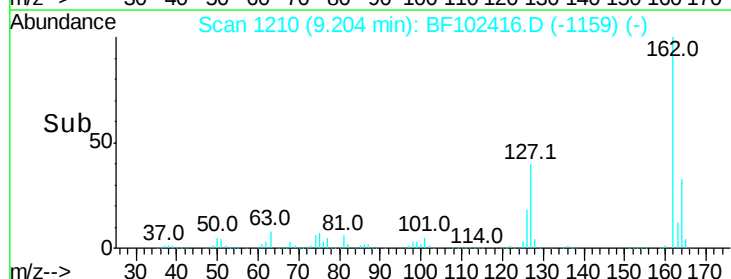
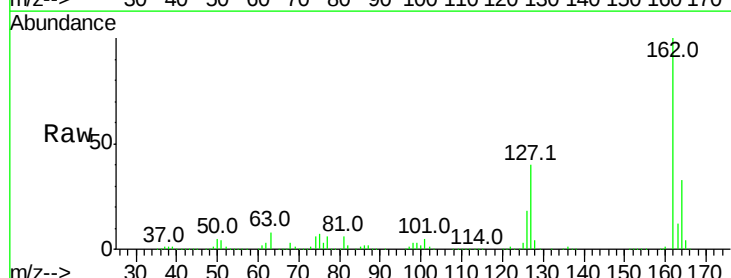
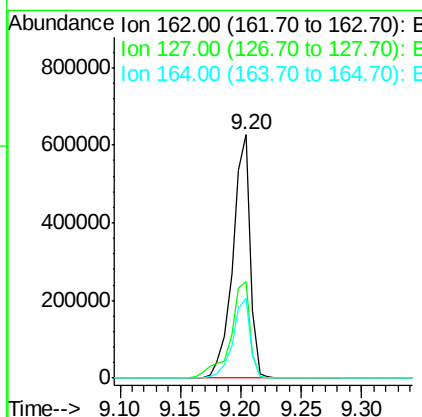
RT: 9.20 min Scan# 1210

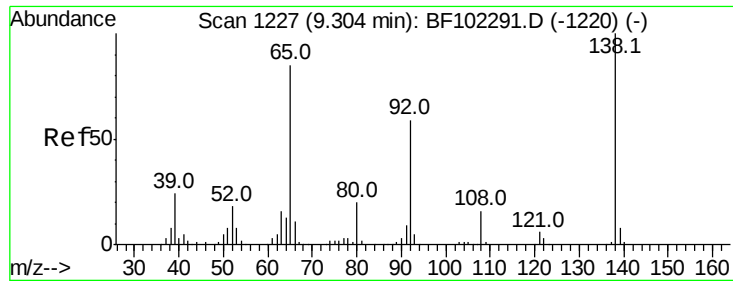
Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	162	Resp:	629706
Ion Ratio	Lower	Upper	
162	100		
127	39.6	33.9	50.9
164	32.9	26.5	39.7





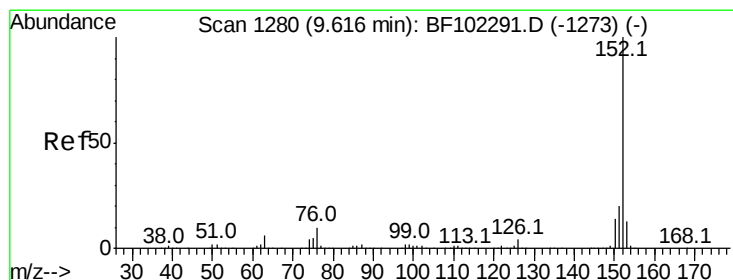
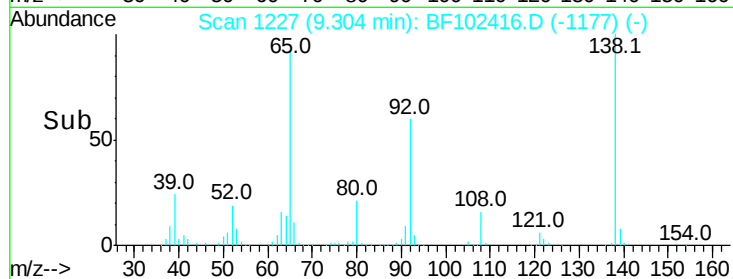
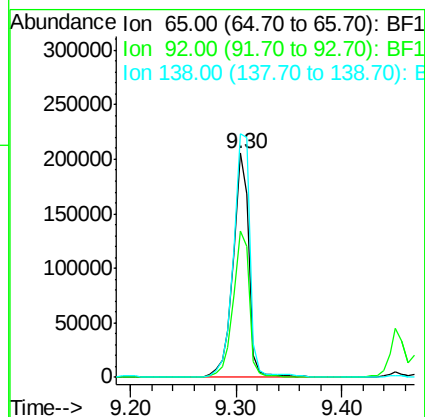
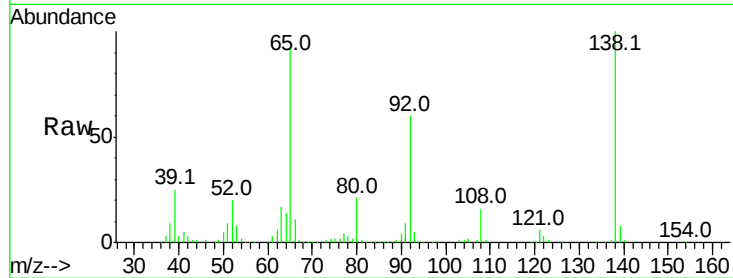
#47
2-Nitroaniline
Concen: 36.520 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	55.8	83.6
138	108.6	91.2	136.8

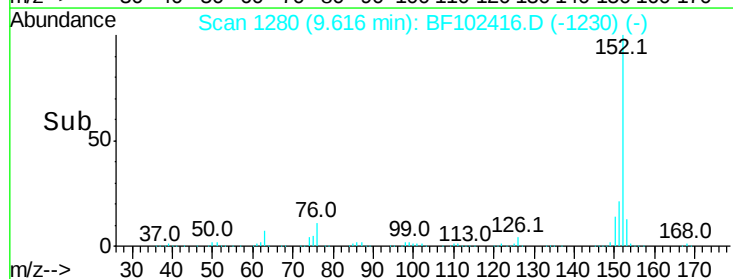
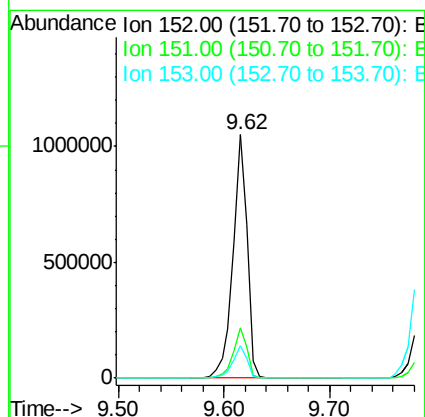
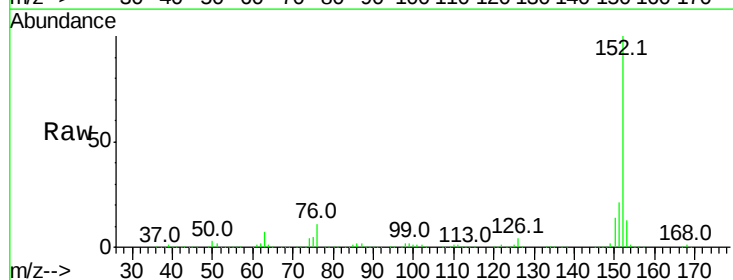
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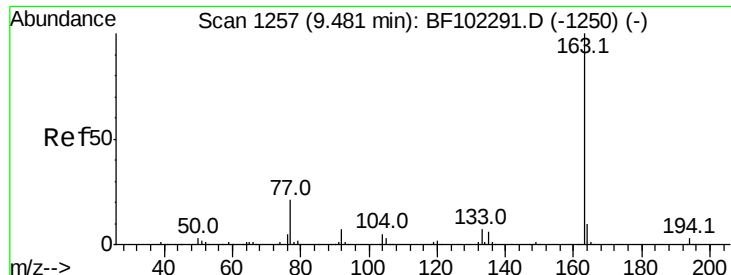
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#48
Acenaphthylene
Concen: 33.502 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.2	10.7	16.1





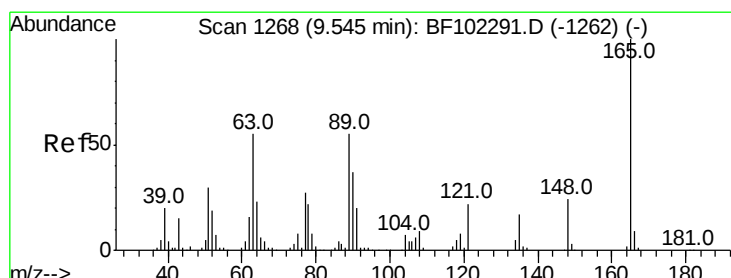
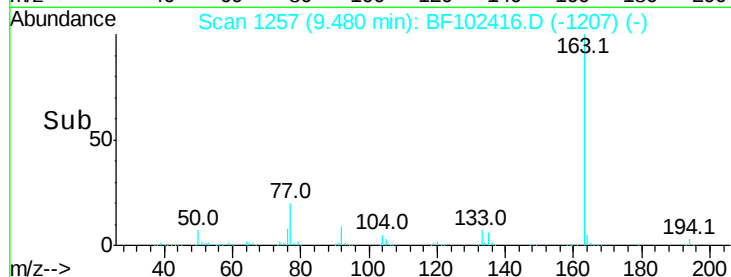
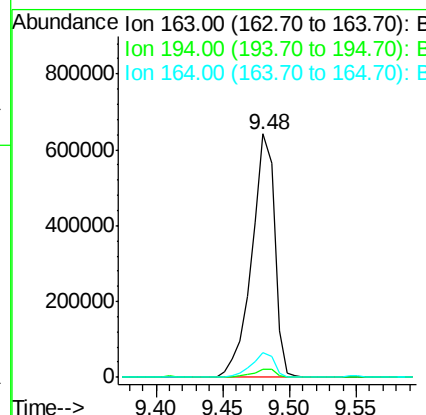
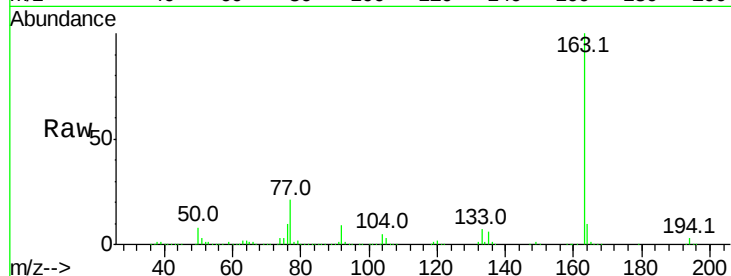
#49
Dimethylphthalate
Concen: 34.176 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	751229		
194	3.2		2.7	4.1
164	10.2		8.2	12.2

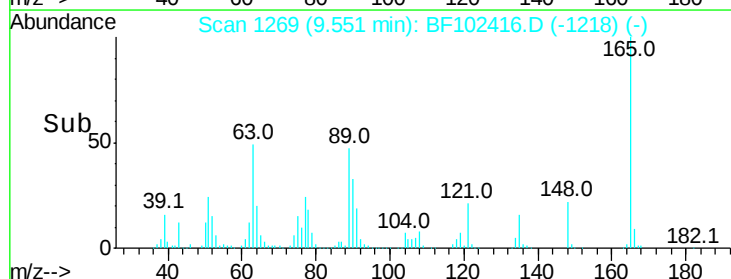
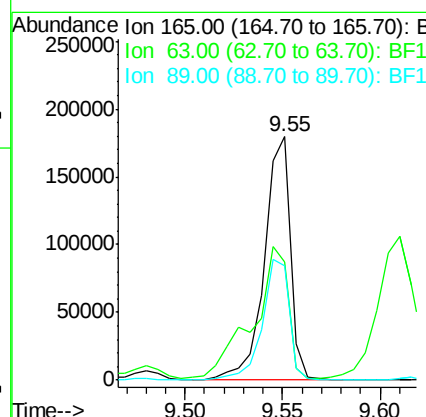
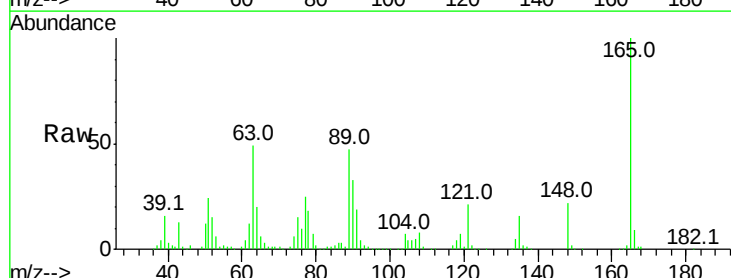
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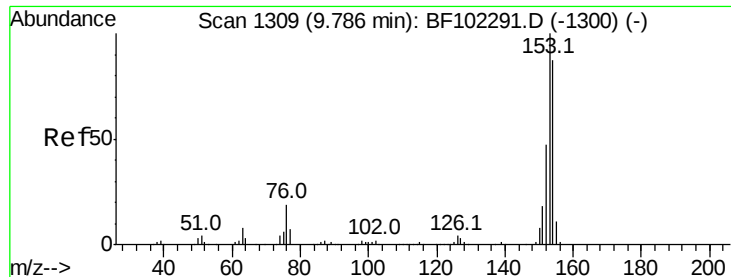
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#50
2,6-Dinitrotoluene
Concen: 35.019 ng
RT: 9.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	165960		
63	48.6		44.7	67.1
89	46.9		44.0	66.0





#51

Acenaphthene

Concen: 33.444 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

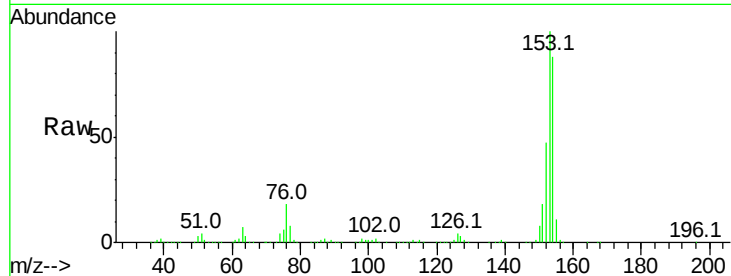
ClientSampleId :

PB105903BS

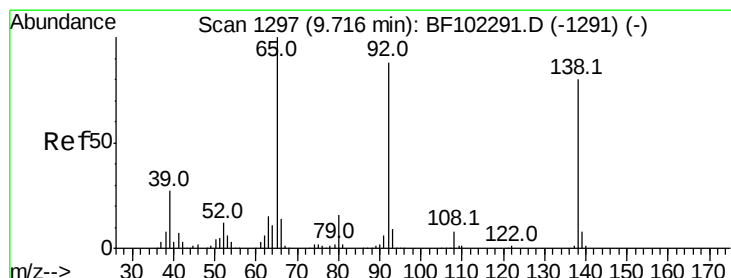
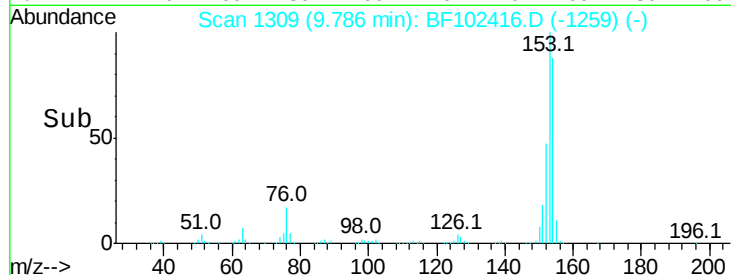
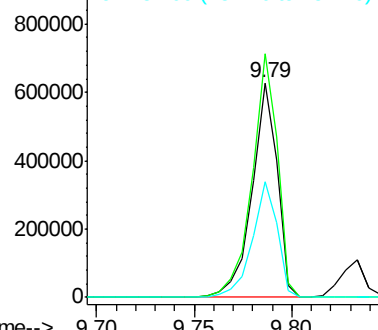
Tot Ion:	154	Resp:	562444
Ion	Ratio	Lower	Upper
154	100		
153	113.6	91.2	136.8
152	53.9	43.8	65.8

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



#52

3-Nitroaniline

Concen: 16.193 ng

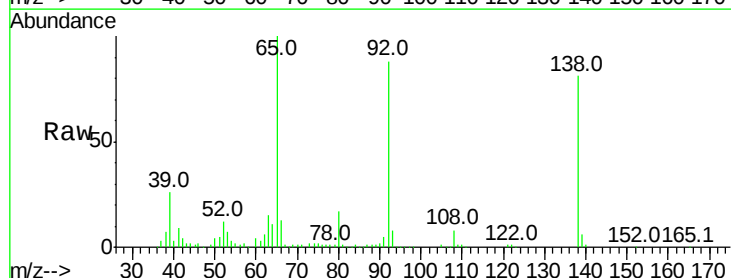
RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

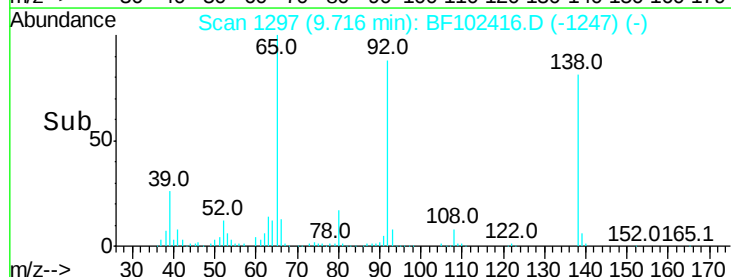
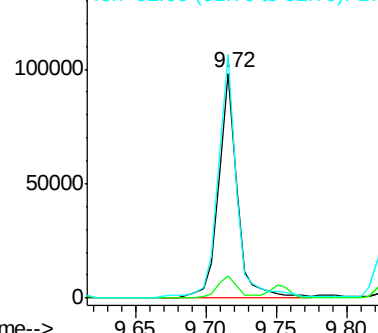
Lab File: BF102416.D

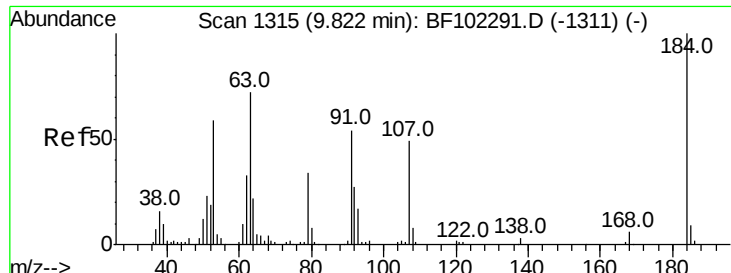
Acq: 25 Jan 2018 10:44

Tgt Ion:	138	Resp:	90785
Ion	Ratio	Lower	Upper
138	100		
108	9.8	9.4	14.0
92	108.3	89.4	134.2



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





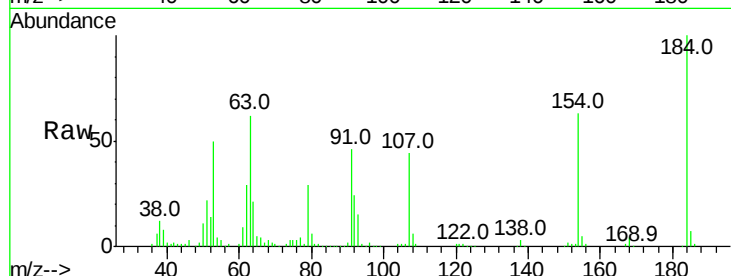
#53
 2,4-Dinitrophenol
 Concen: 75.179 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

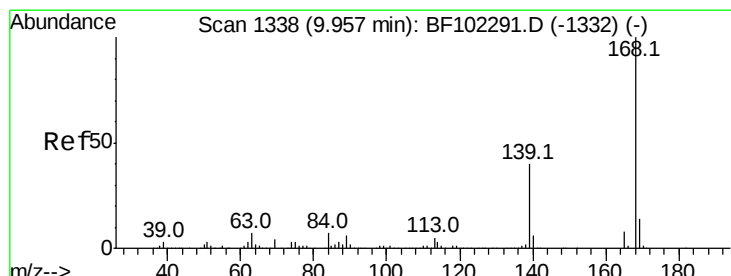
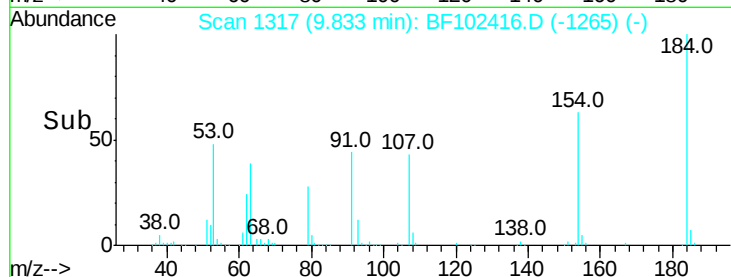
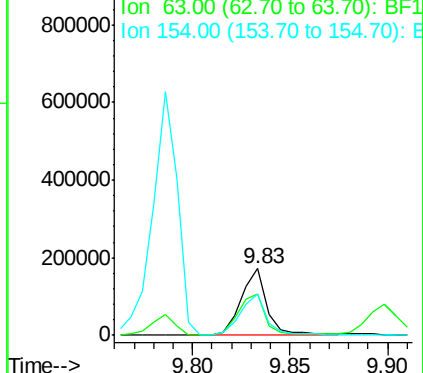
Tot Ion	Ratio	Lower	Upper
184	100		
63	61.8	54.2	81.2
154	63.0	184.0	276.0#

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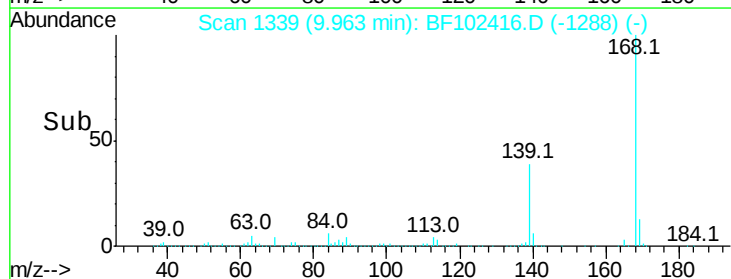
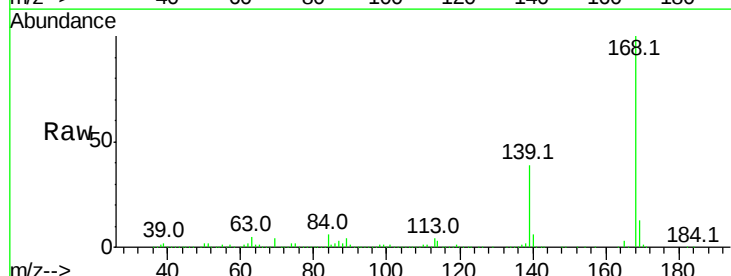
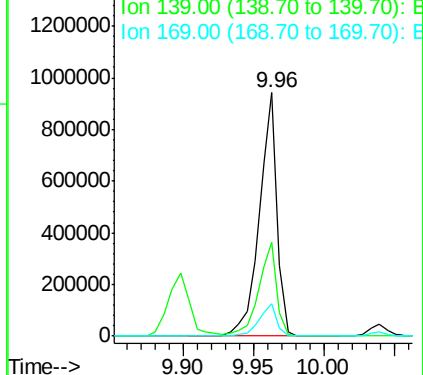
Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

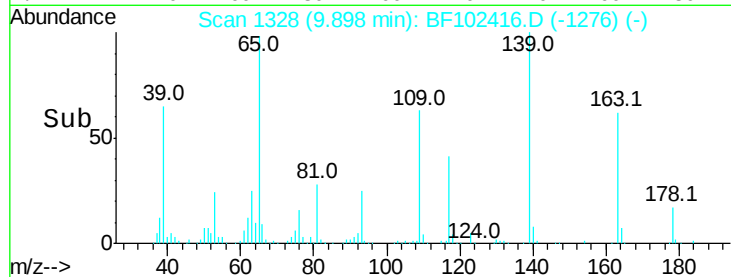
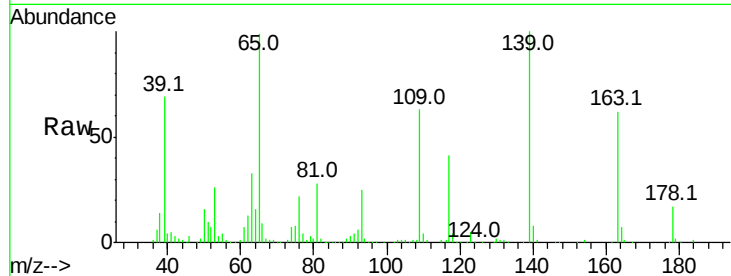
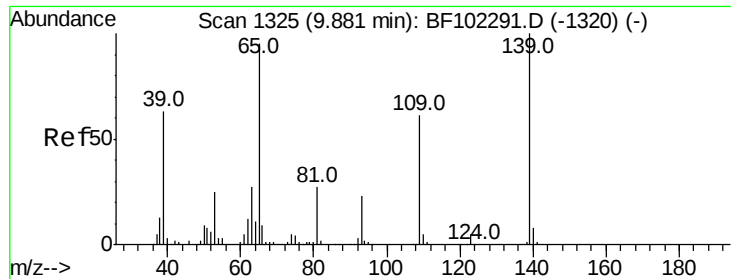


#54
 Dibenzofuran
 Concen: 36.727 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.8	30.1	45.1
169	13.2	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





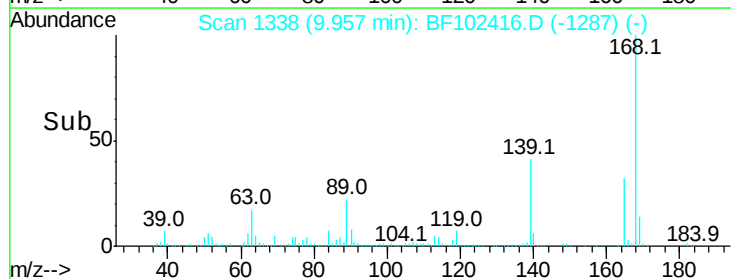
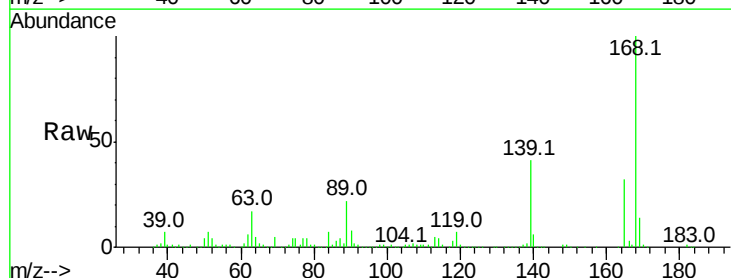
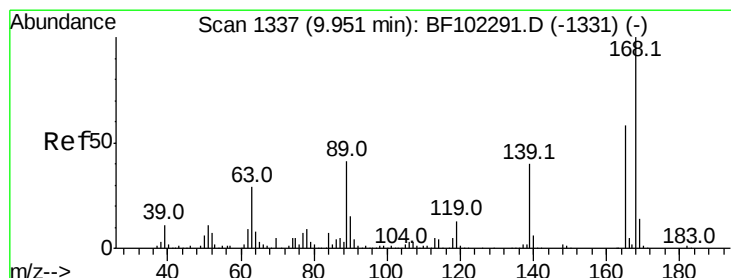
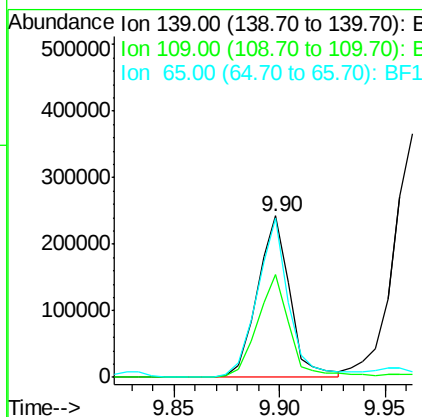
#55
4-Nitrophenol
Concen: 69.963 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tot Ion	Ratio	Resp	Lower	Upper
139	100	258916		
109	63.5	48.4	88.4	
65	98.6	72.6	112.6	

Instrument :
BNA_F
ClientSampleId :
PB105903BS

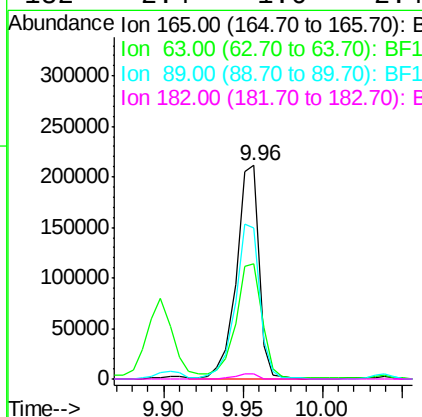
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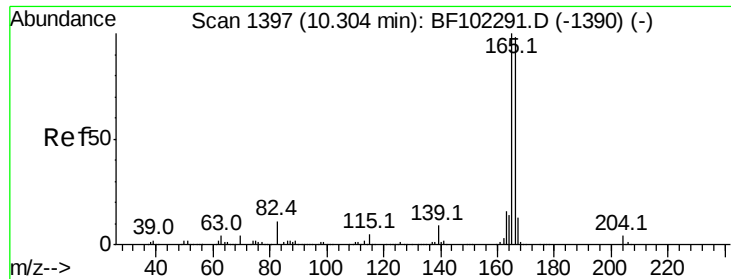
Sohil
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#56
2,4-Dinitrotoluene
Concen: 35.778 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	208512		
63	54.0	36.4	54.6	
89	70.5	57.8	86.6	
182	2.4	1.6	2.4	





#57

Fluorene

Concen: 36.362 ng

RT: 10.30 min Scan# 1397

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

ClientSampled :

PB105903BS

Tot Ion:166 Resp: 655804

Ion Ratio Lower Upper

166 100

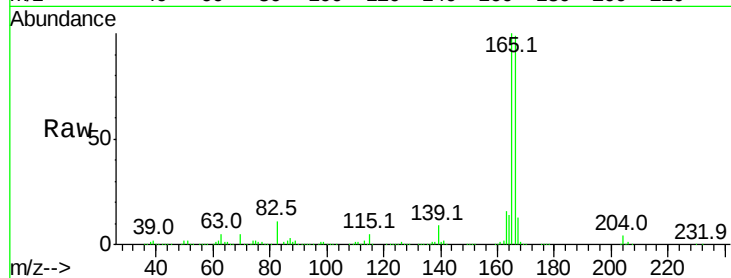
165 101.2 79.8 119.8

167 13.1 10.6 16.0

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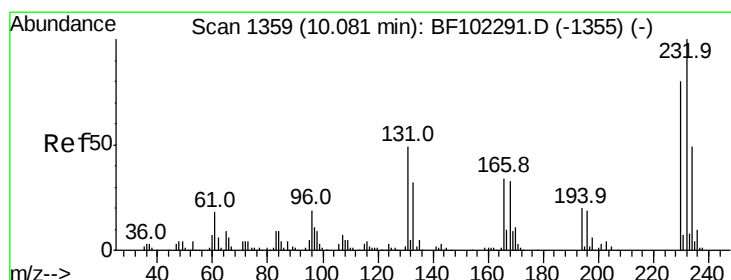
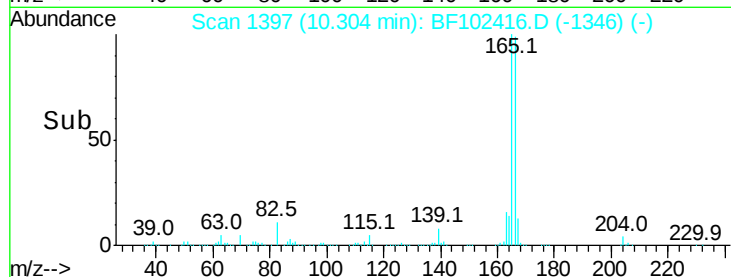
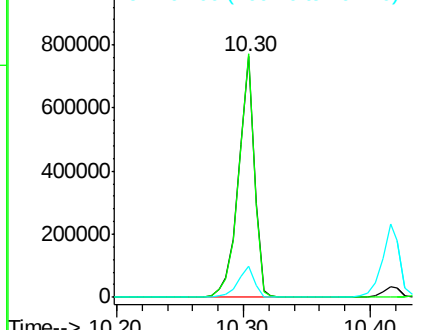


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.233 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:232 Resp: 164624

Ion Ratio Lower Upper

232 100

131 52.5 43.8 65.8

130 2.3 2.1 3.1

166 33.6 27.8 41.6

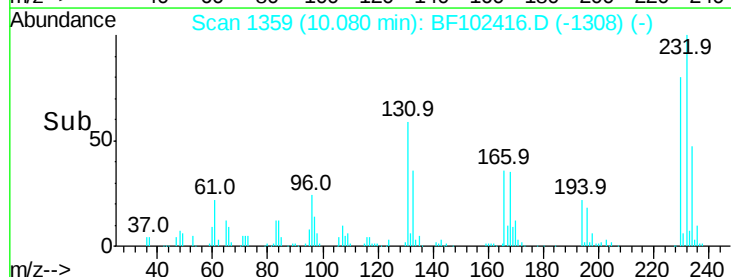
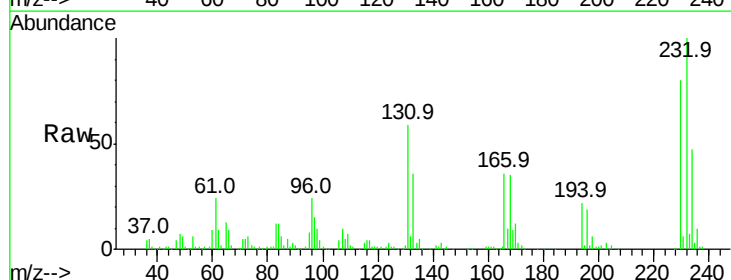
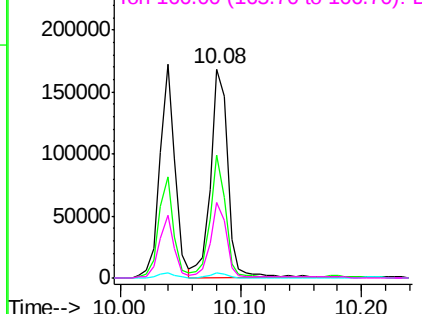
Abundance

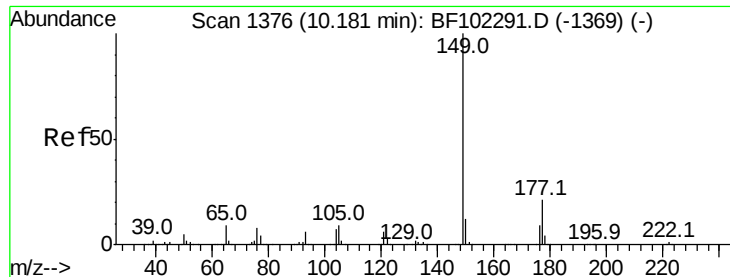
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





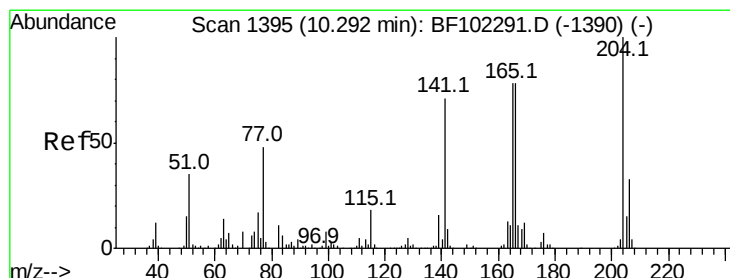
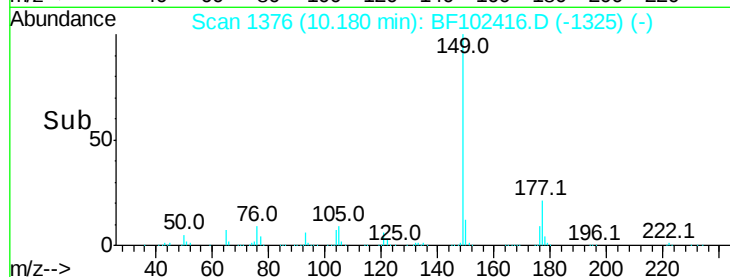
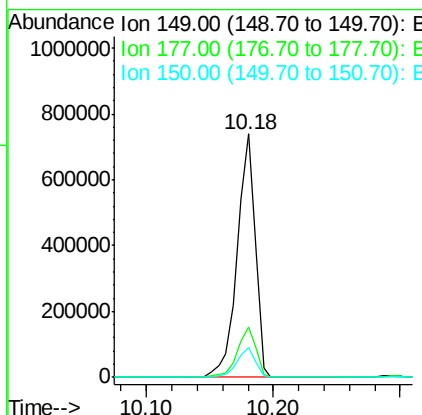
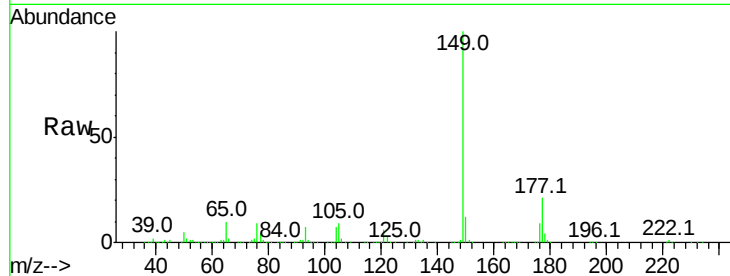
#59
Diethylphthalate
Concen: 33.731 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.1	24.1
150	12.3	10.1	15.1

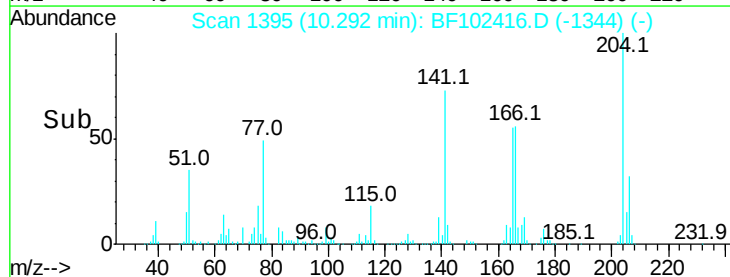
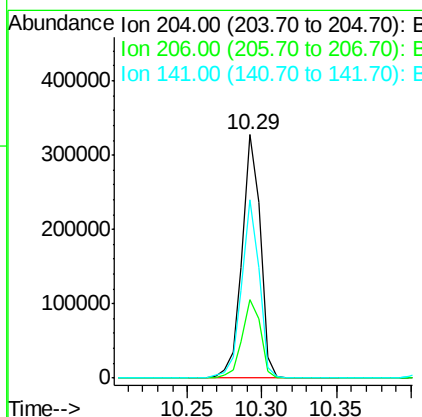
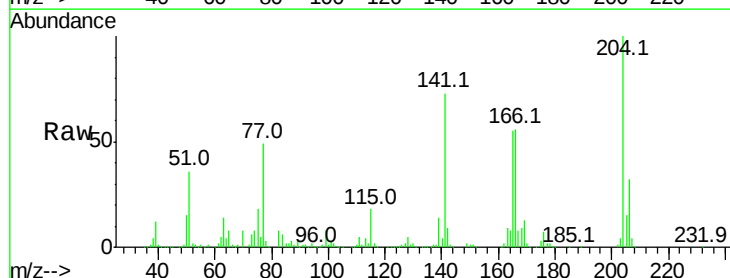
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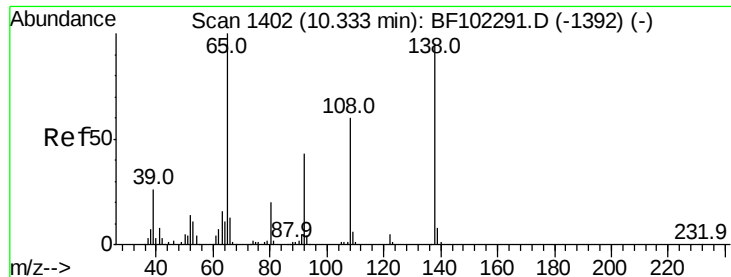
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#60
4-Chlorophenyl-phenylether
Concen: 35.908 ng
RT: 10.29 min Scan# 1395
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.1	26.5	39.7
141	73.1	54.6	81.8





#61

4-Nitroaniline

Concen: 32.849 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

ClientSampleId :

PB105903BS

Tot Ion:138 Resp: 183768

Ion Ratio Lower Upper

138 100

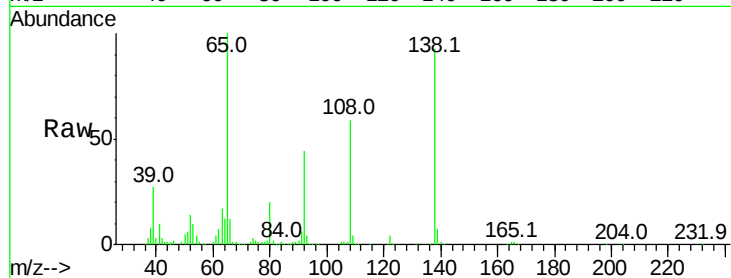
92 47.0 30.2 70.2

108 63.4 52.5 92.5

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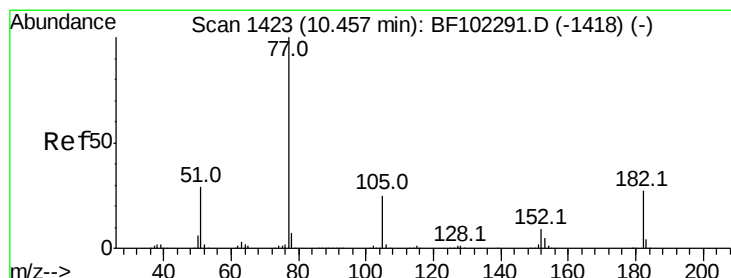
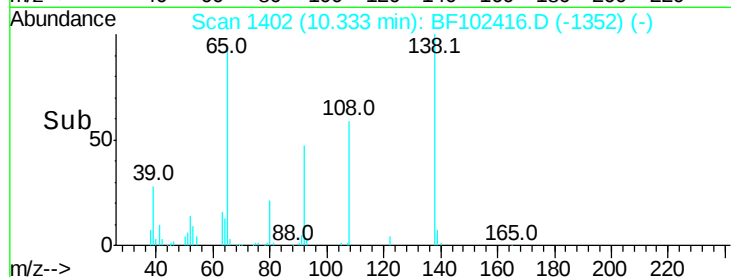
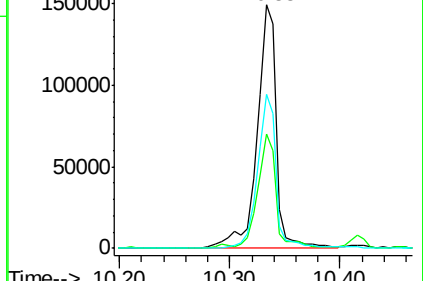


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

10.33



#62

Azobenzene

Concen: 34.670 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion: 77 Resp: 678039

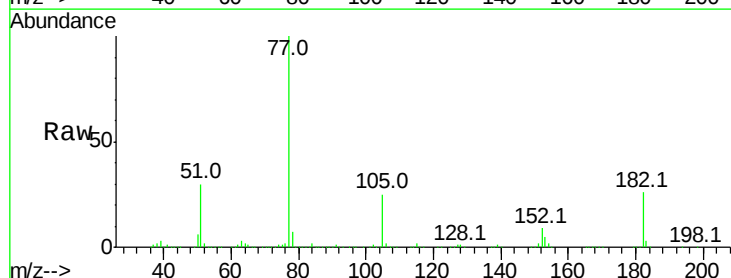
Ion Ratio Lower Upper

77 100

182 26.1 1.7 41.7

105 25.3 3.0 43.0

51 30.1 9.9 49.9



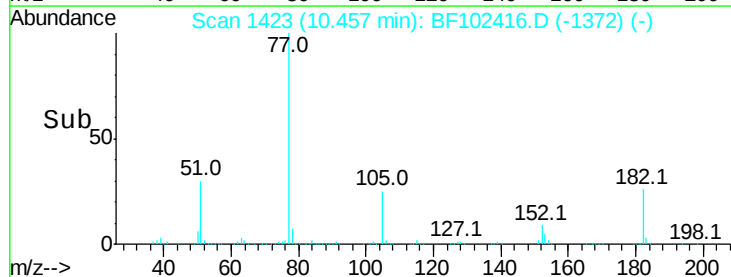
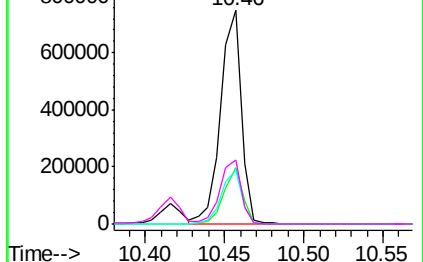
Abundance Ion 77.00 (76.70 to 77.70): BF1

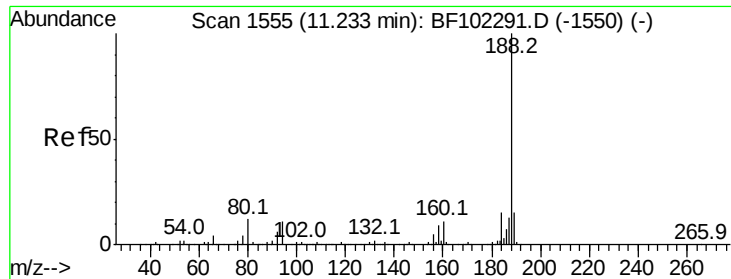
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1

10.46





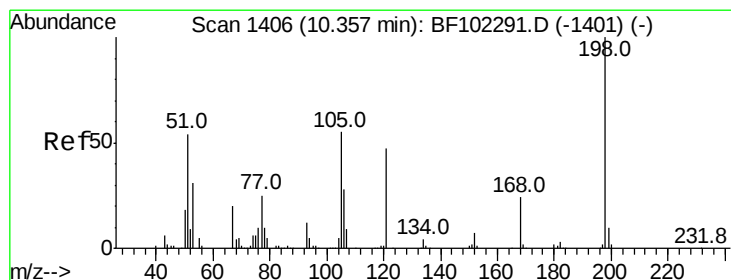
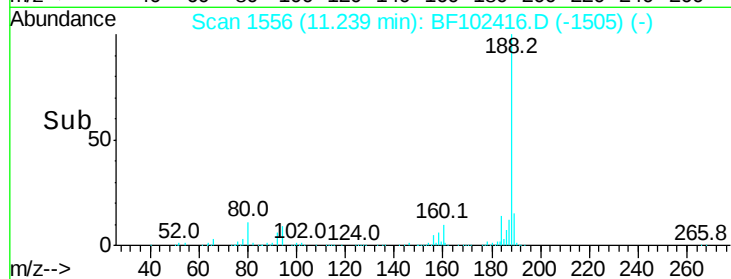
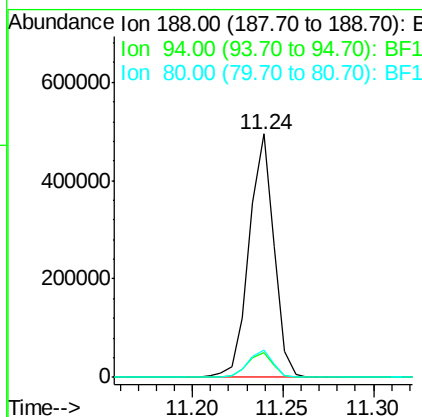
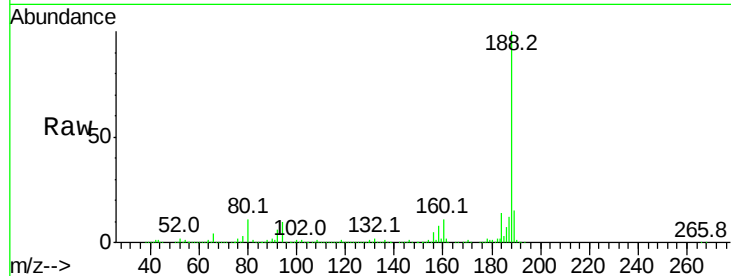
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	471111		
94	10.3		8.5	12.7
80	11.0		9.2	13.8

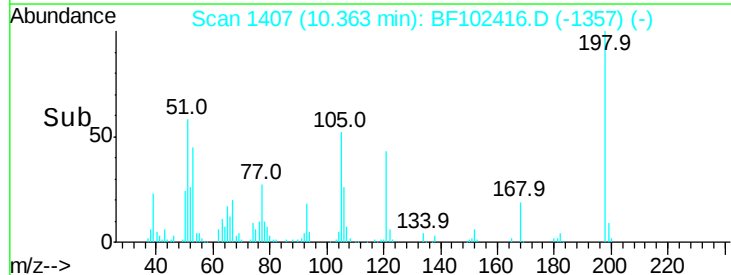
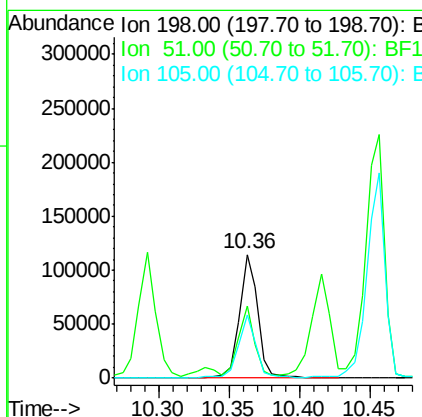
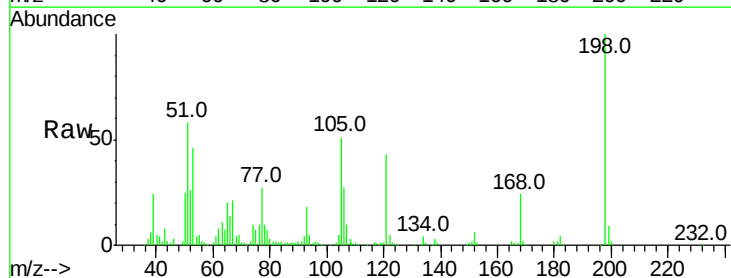
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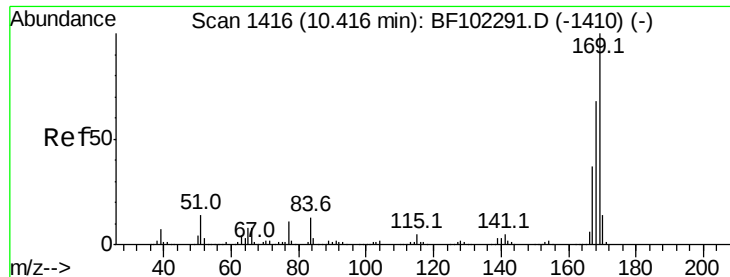
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#64
4,6-Dinitro-2-methylphenol
Concen: 32.757 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	102958		
51	58.1		37.7	77.7
105	51.0		36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 34.968 ng

RT: 10.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

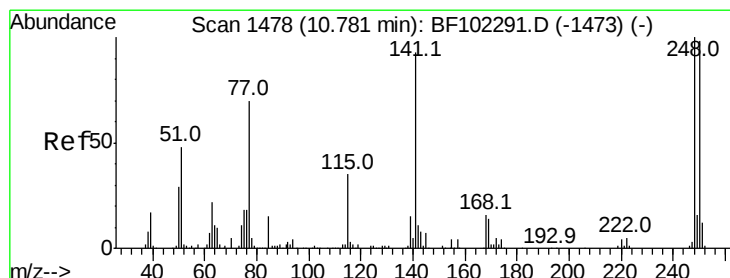
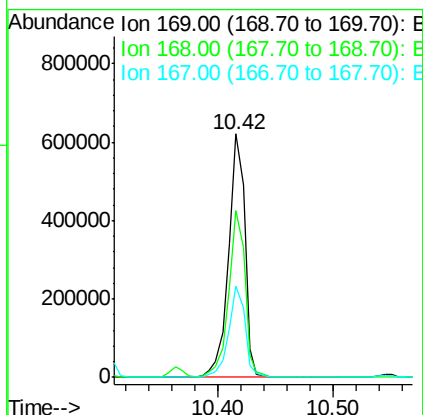
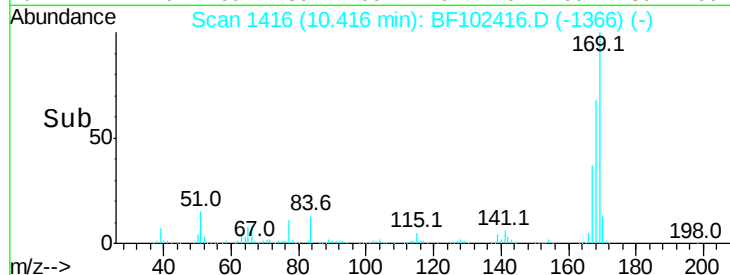
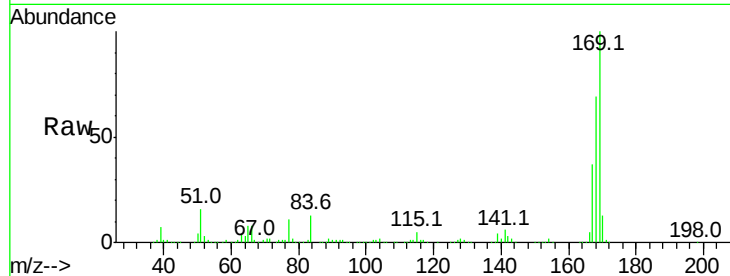
ClientSampleId :

PB105903BS

Tot Ion:	169	Resp:	604660
Ion Ratio	Lower	Upper	
169	100		
168	68.6	54.4	81.6
167	37.3	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 34.810 ng

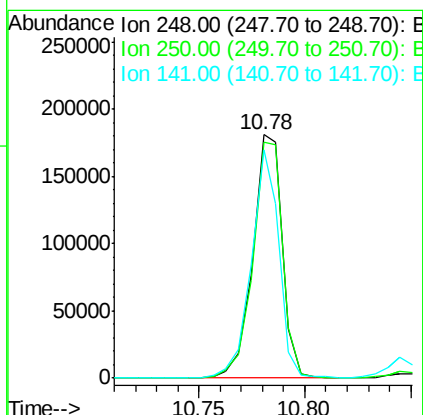
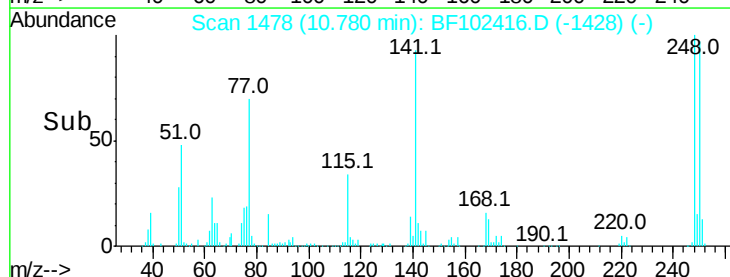
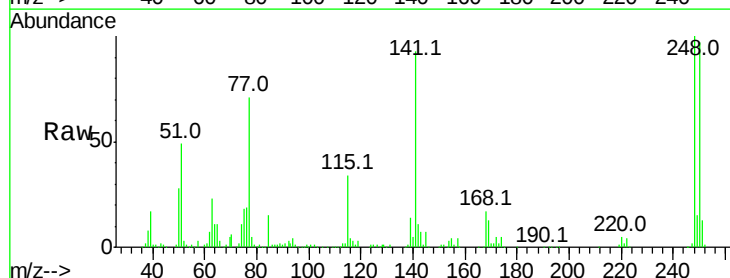
RT: 10.78 min Scan# 1478

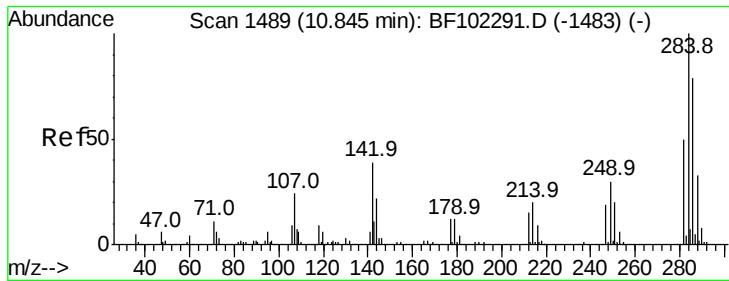
Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	248	Resp:	176540
Ion Ratio	Lower	Upper	
248	100		
250	97.0	76.9	115.3
141	93.5	74.4	111.6





#67

Hexachlorobenzene

Concen: 31.171 ng

RT: 10.85 min Scan# 1489

Delta R.T. -0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

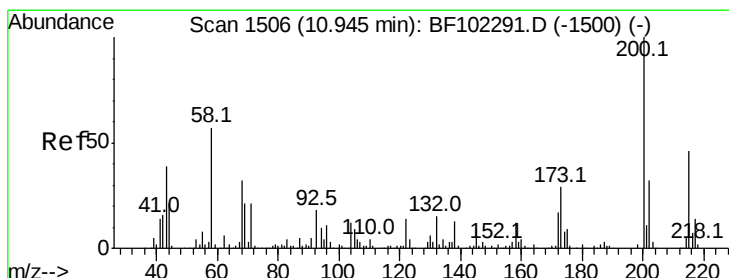
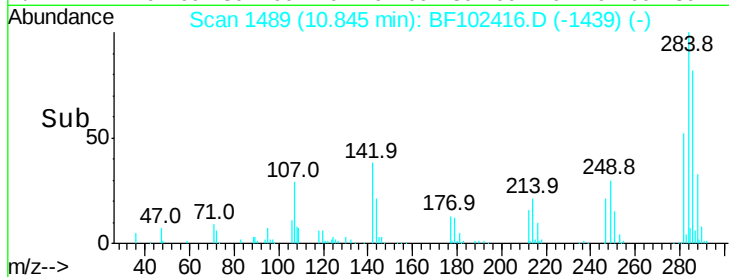
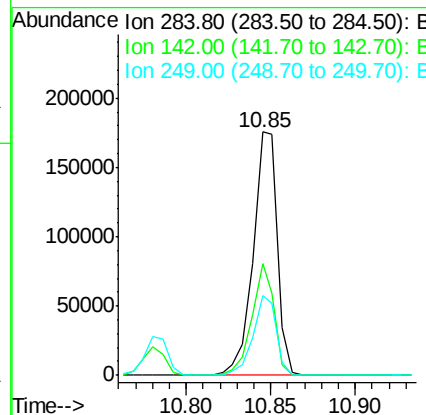
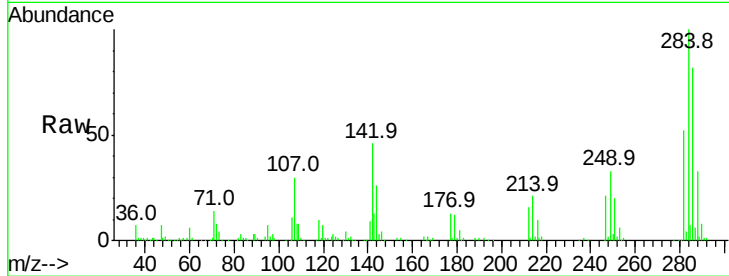
ClientSampleId :

PB105903BS

Tot Ion:	284	Resp:	176800
Ion Ratio	Lower	Upper	
284	100		
142	46.0	34.6	52.0
249	32.6	24.8	37.2

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#68

Atrazine

Concen: 36.375 ng

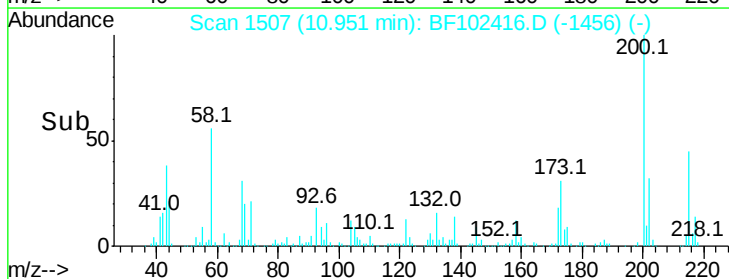
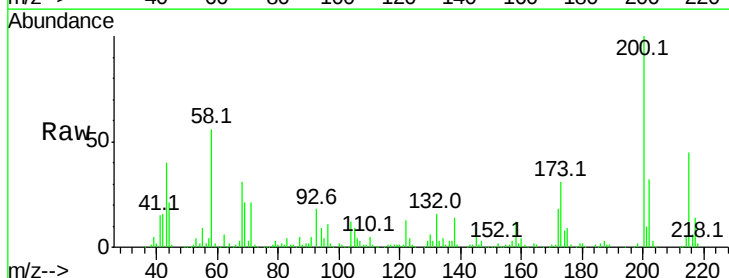
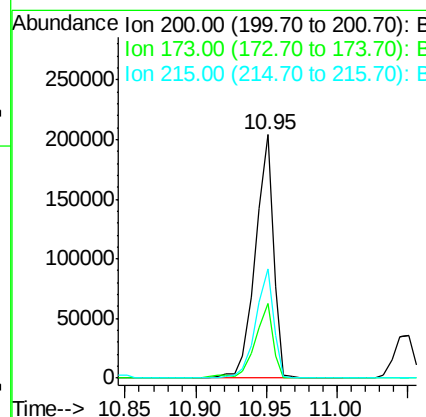
RT: 10.95 min Scan# 1507

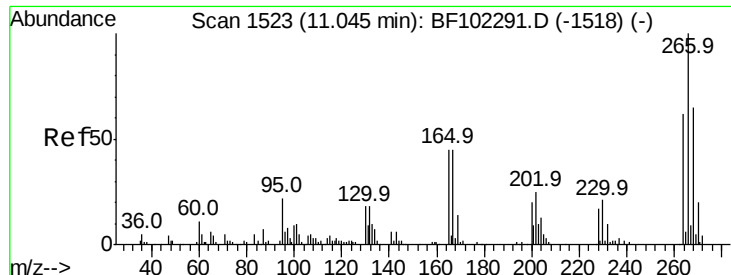
Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	200	Resp:	185766
Ion Ratio	Lower	Upper	
200	100		
173	30.7	8.6	48.6
215	45.0	25.1	65.1





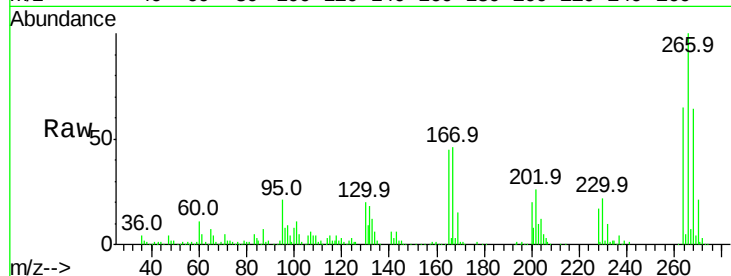
#69
 Pentachlorophenol
 Concen: 64.823 ng
 RT: 11.05 min Scan# 1524
 Delta R.T. 0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

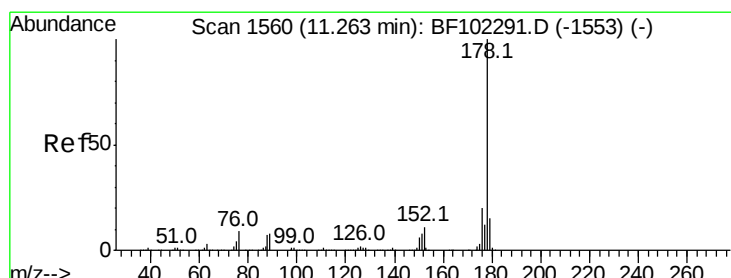
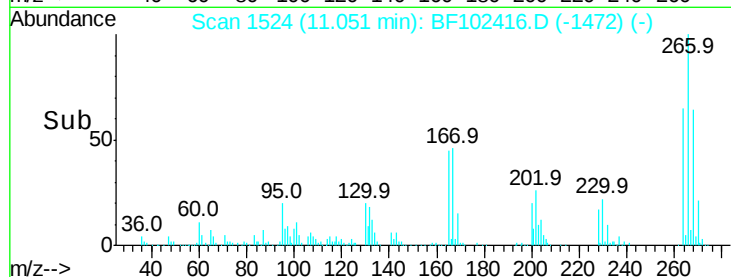
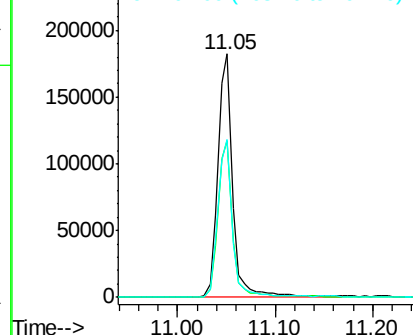
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.1	76.7
264	64.6	49.5	74.3

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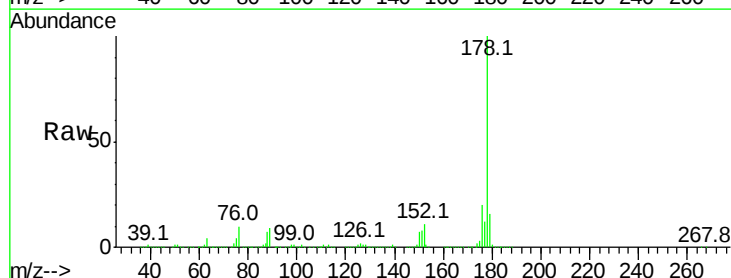


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

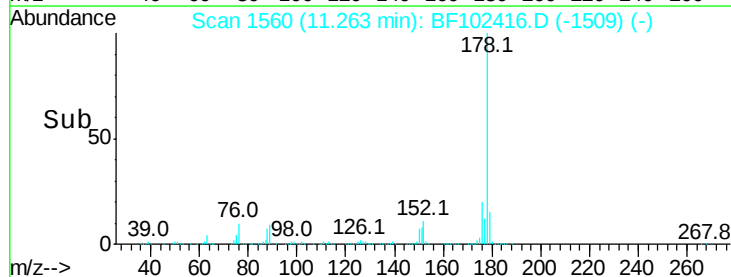
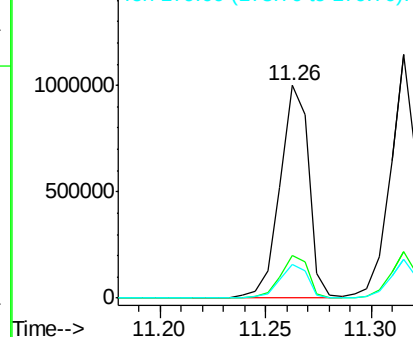


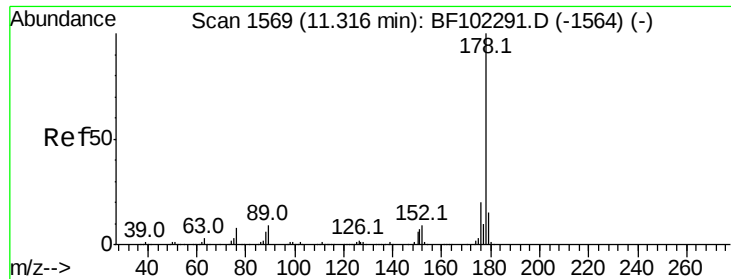
#70
 Phenanthrene
 Concen: 34.624 ng
 RT: 11.26 min Scan# 1560
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	15.6	13.0	19.6



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





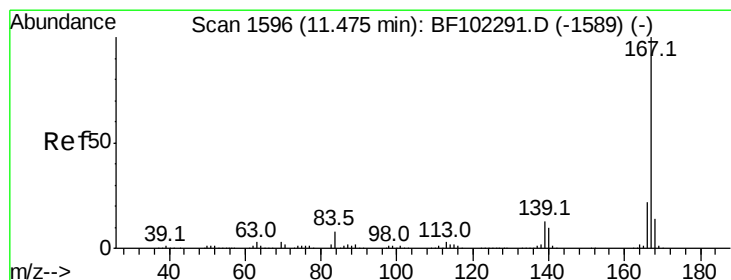
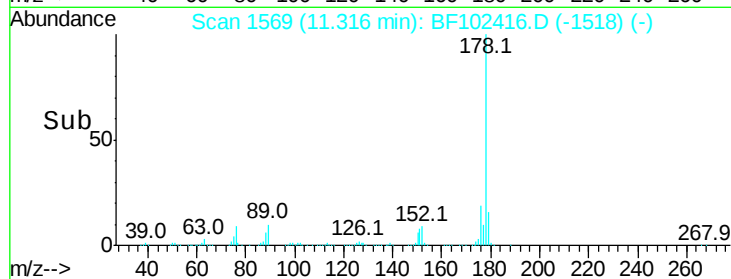
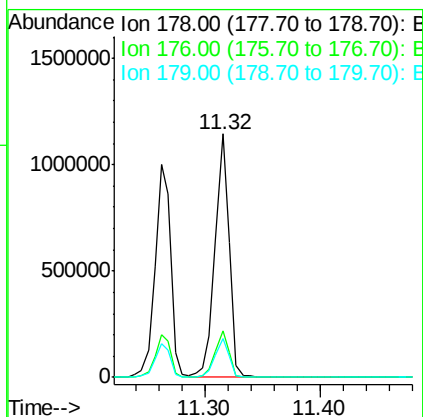
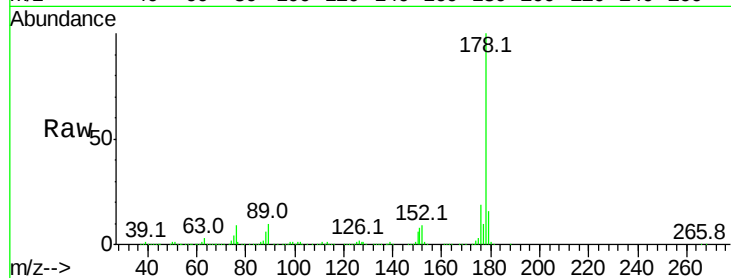
#71
 Anthracene
 Concen: 34.922 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampled :
 PB105903BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.8	12.6	19.0

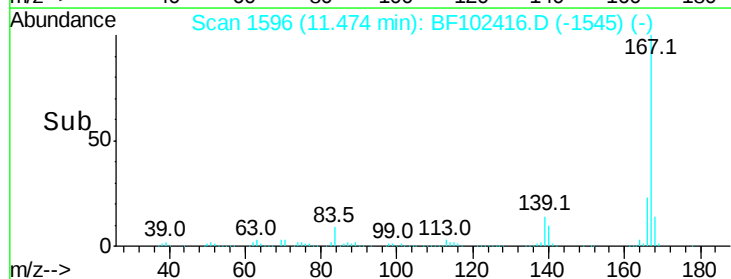
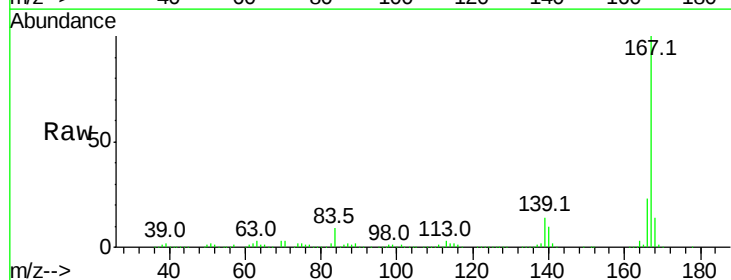
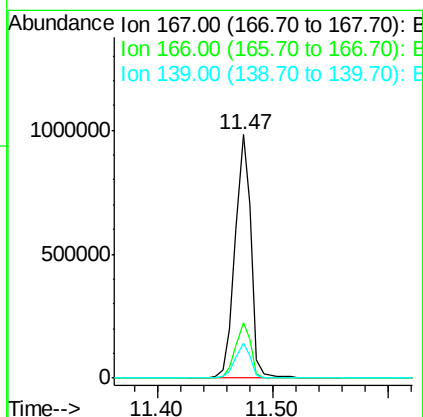
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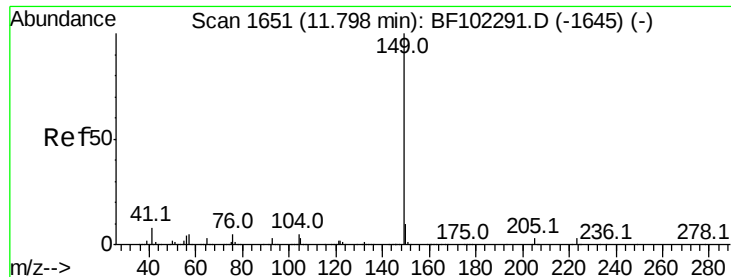
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#72
 Carbazole
 Concen: 34.422 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.6	26.4
139	14.3	10.9	16.3





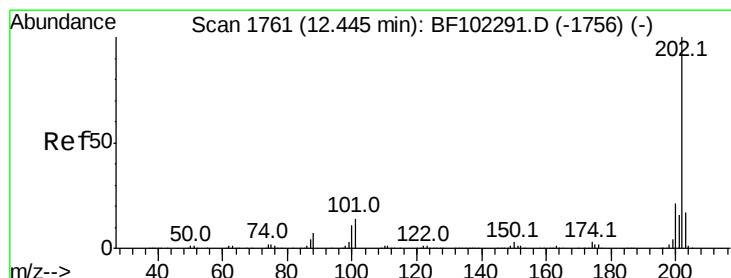
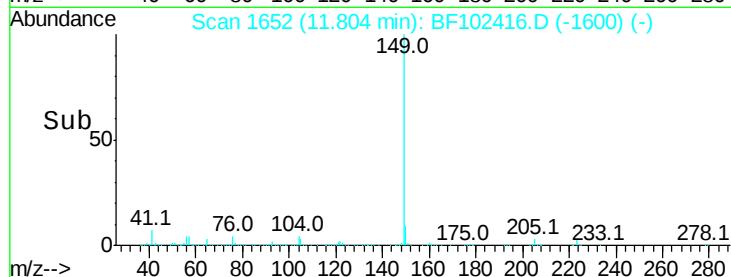
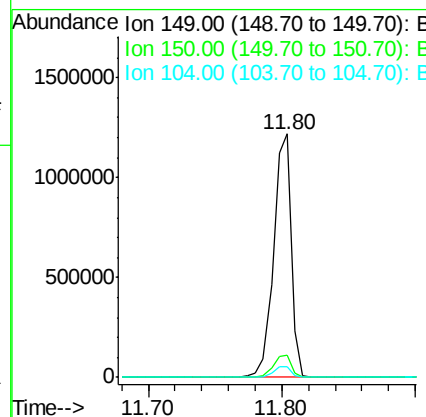
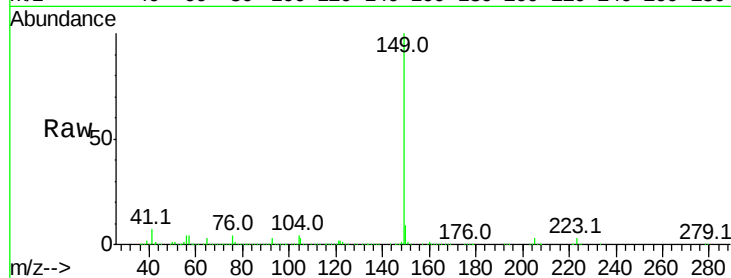
#73
Di-n-butylphthalate
Concen: 32.815 ng
RT: 11.80 min Scan# 1652
Delta R.T. 0.01 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.8	11.6
104	4.3	3.8	5.8

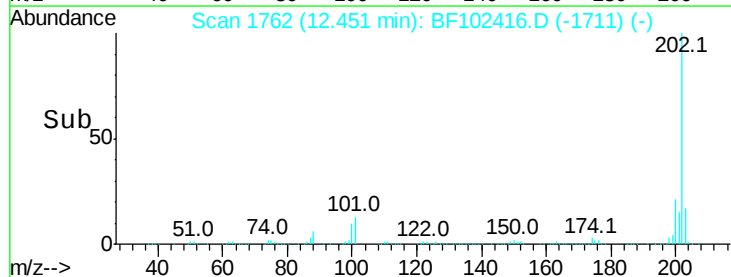
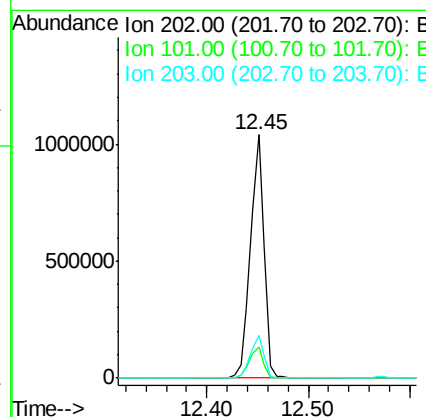
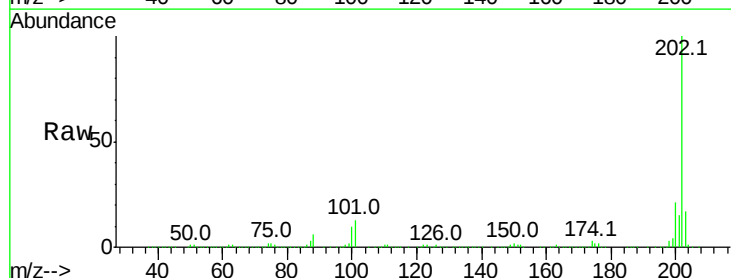
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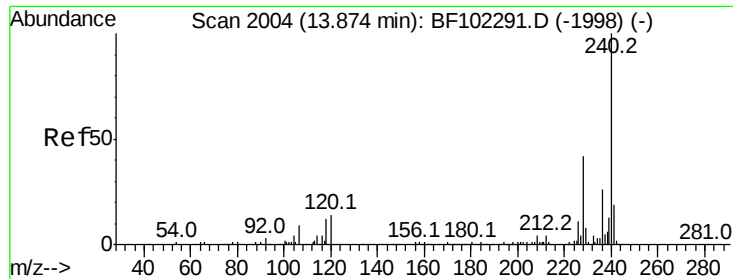
Sohil
1/25/2018 5:41:59 PM



#74
Fluoranthene
Concen: 34.951 ng
RT: 12.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

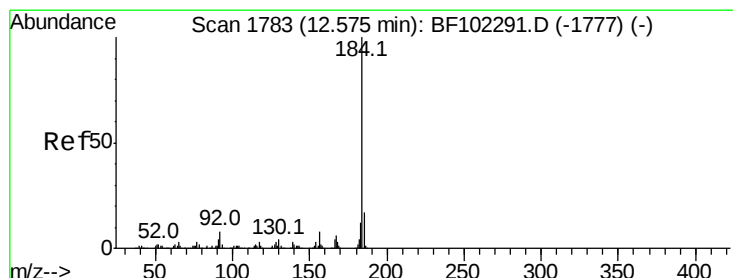
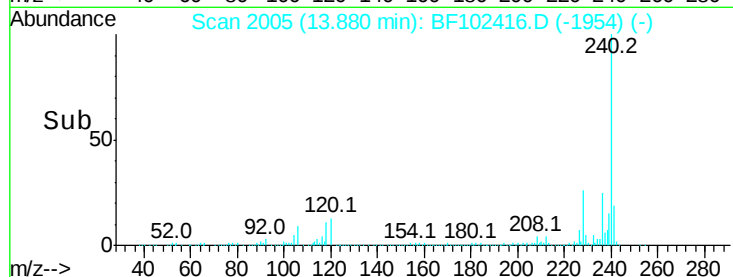
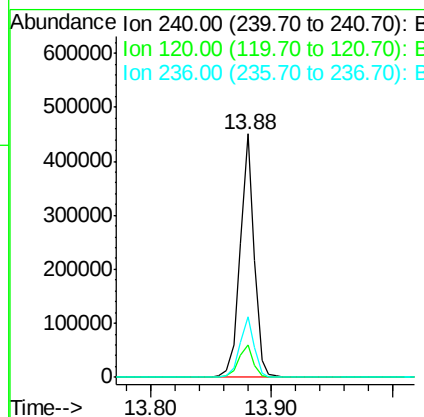
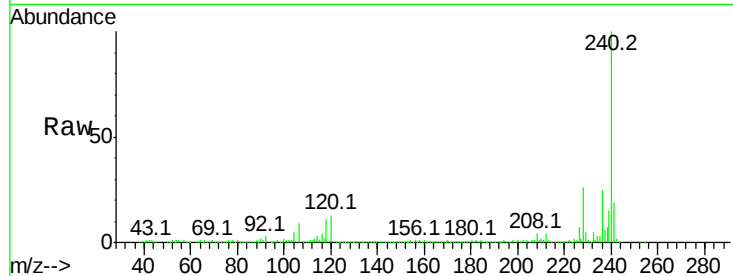
ClientSampleId :

PB105903BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	13.2	9.5	14.3	
236	24.9	20.7	31.1	

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#76

Benzidine

Concen: 22.009 ng

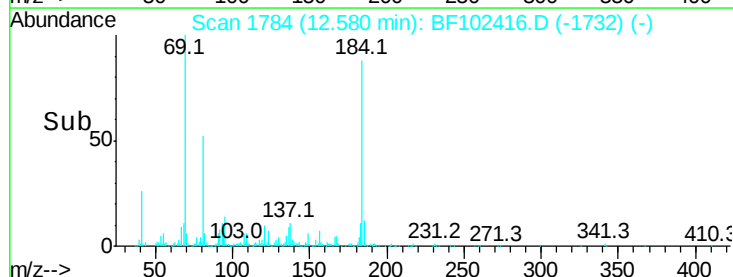
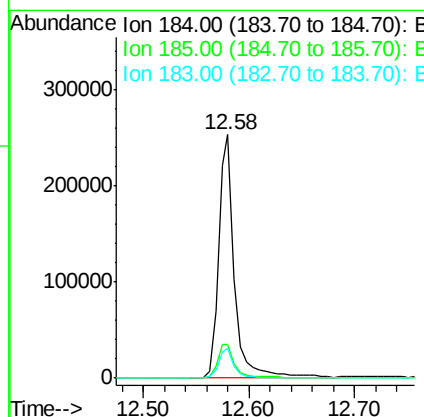
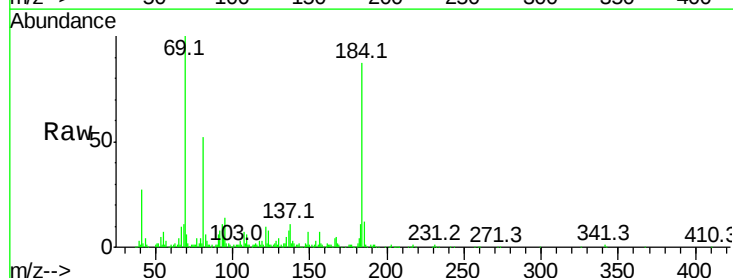
RT: 12.58 min Scan# 1784

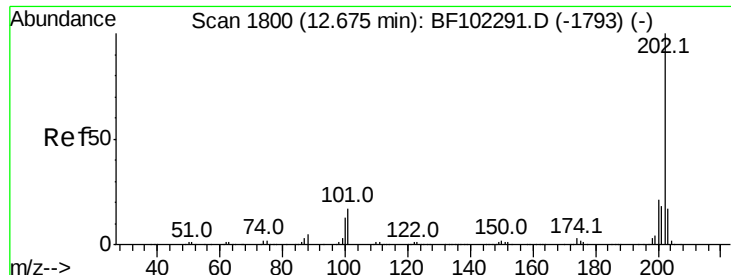
Delta R.T. 0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.1	12.6	18.8	
183	12.2	9.3	13.9	





#77

Pvrene

Concen: 34.789 ng

RT: 12.68 min Scan# 1801

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

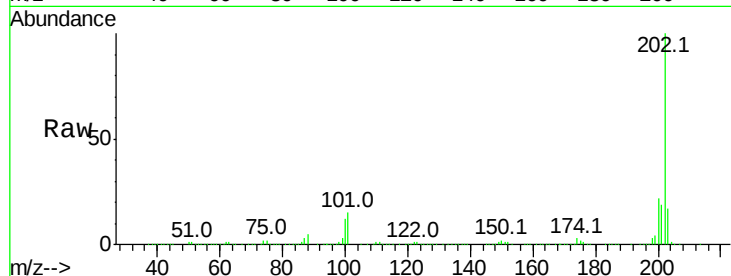
ClientSampleId :

PB105903BS

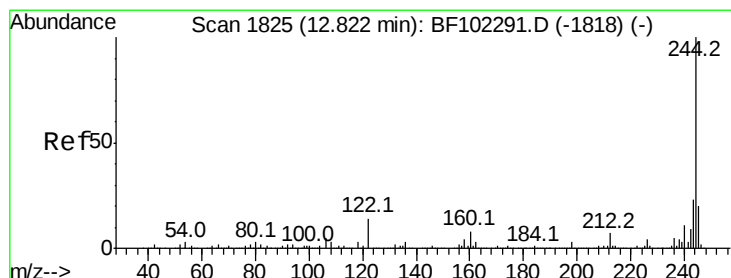
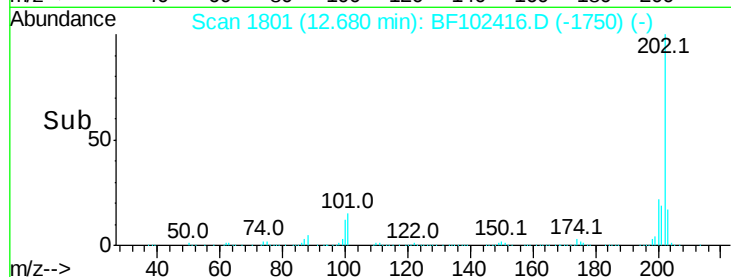
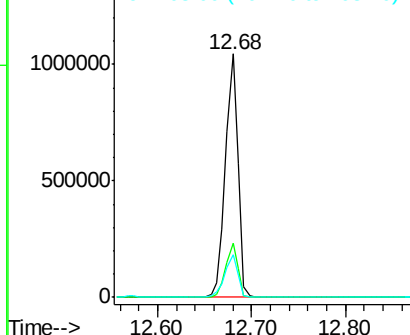
Tot Ion:	202	Resp:	982926
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.4	26.2
203	17.4	14.3	21.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 74.536 ng

RT: 12.83 min Scan# 1826

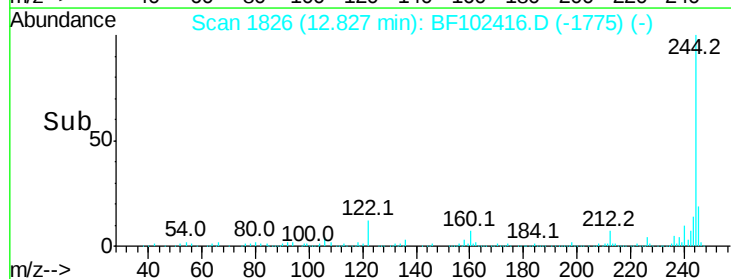
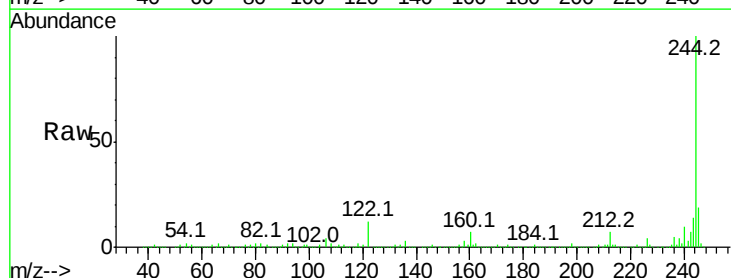
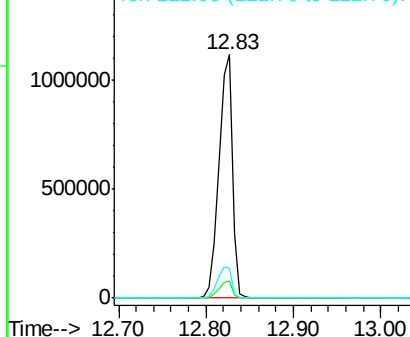
Delta R.T. 0.00 min

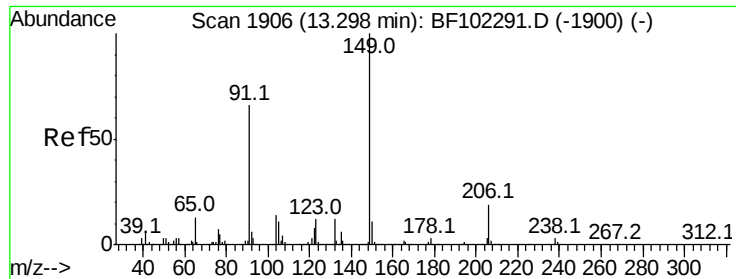
Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	244	Resp:	1208242
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.0
122	12.5	11.0	16.4

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 34.708 ng

RT: 13.30 min Scan# 1906

Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

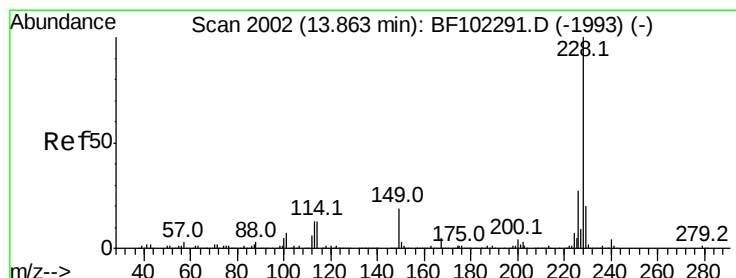
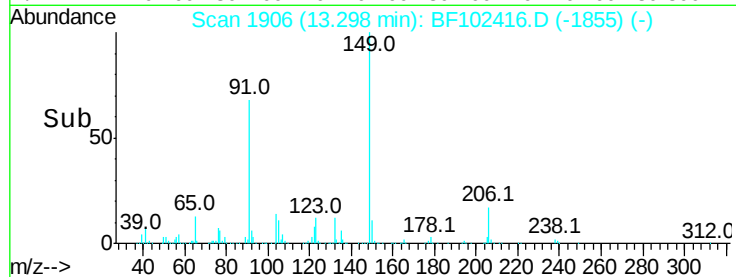
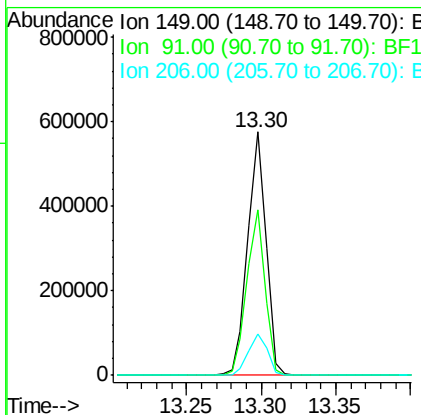
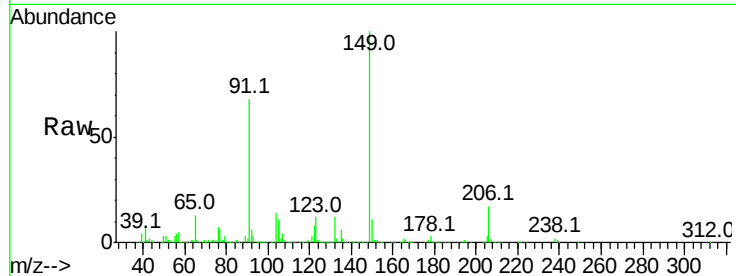
ClientSampleId :

PB105903BS

Tot Ion:	149	Resp:	488026
Ion Ratio	Lower	Upper	
149	100		
91	67.9	56.8	85.2
206	17.2	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 35.766 ng

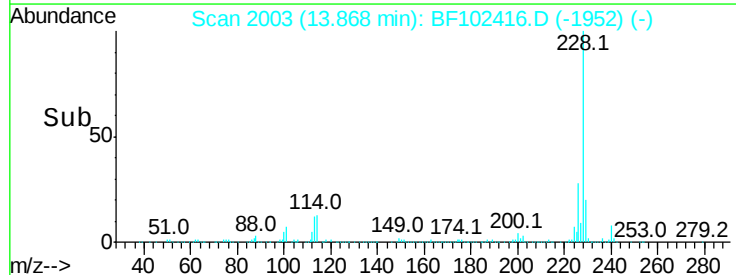
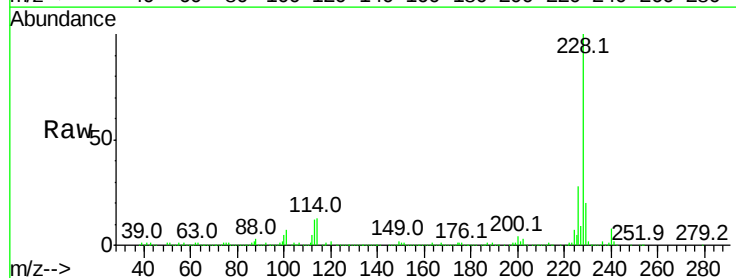
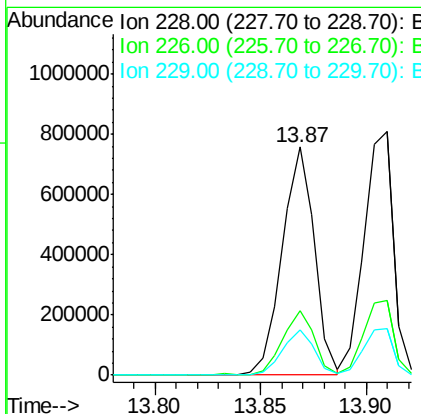
RT: 13.87 min Scan# 2003

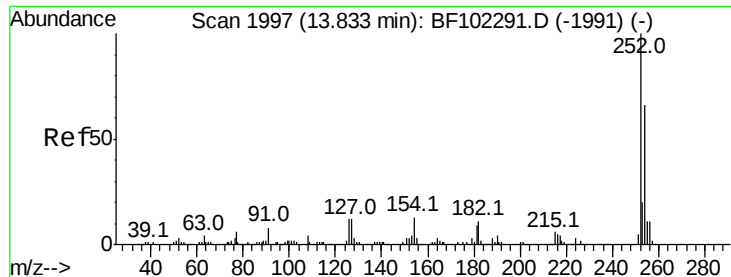
Delta R.T. 0.00 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	228	Resp:	804684
Ion Ratio	Lower	Upper	
228	100		
226	28.3	22.6	33.8
229	19.9	15.8	23.6





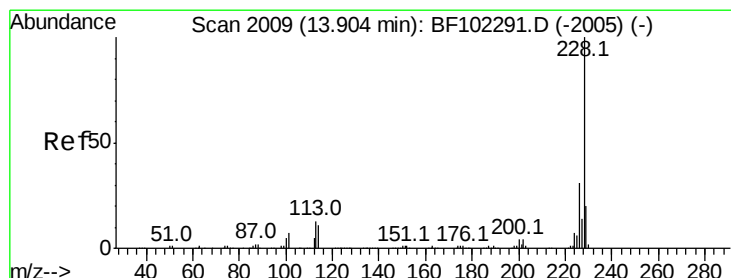
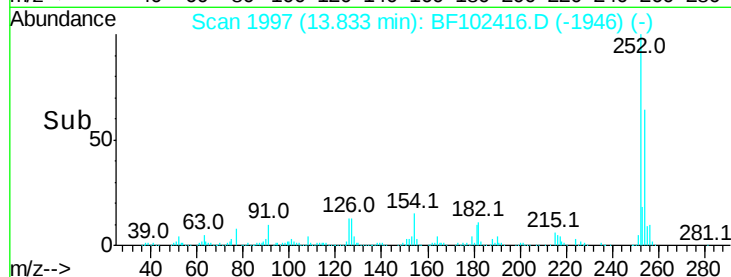
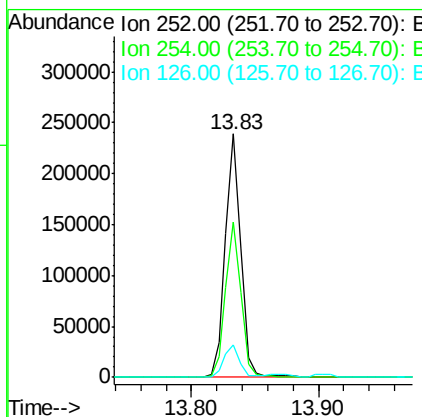
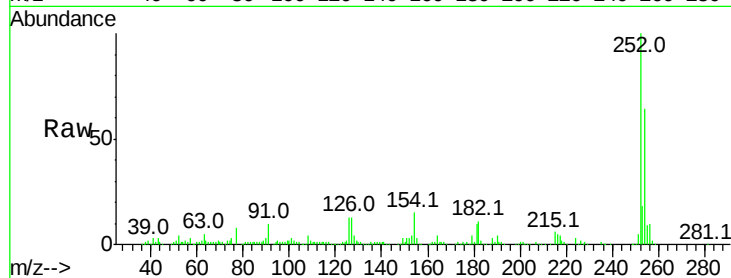
#81
 3,3'-Dichlorobenzidine
 Concen: 24.871 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.4	75.6
126	13.4	11.3	16.9

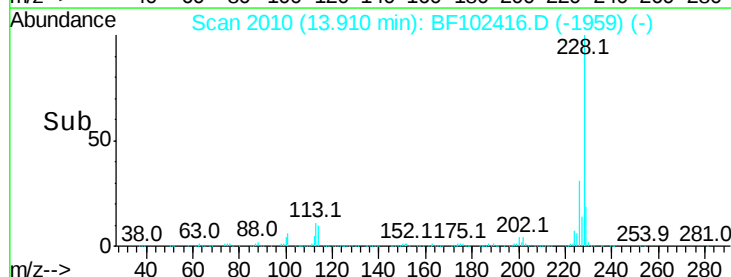
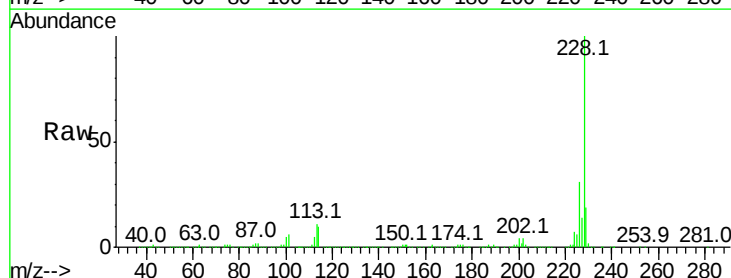
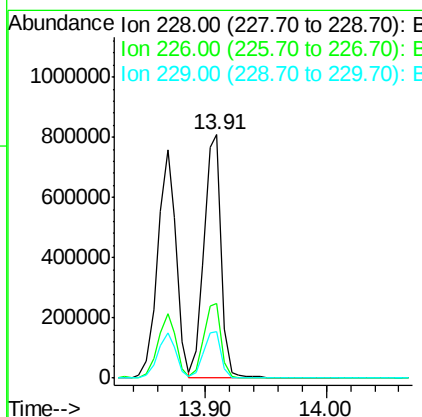
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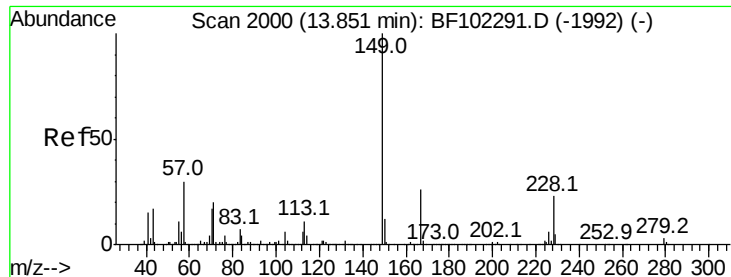
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#82
 Chrysene
 Concen: 34.856 ng
 RT: 13.91 min Scan# 2010
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.0	37.6
229	19.2	16.2	24.4





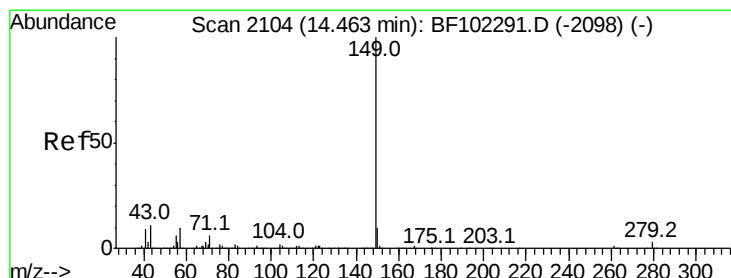
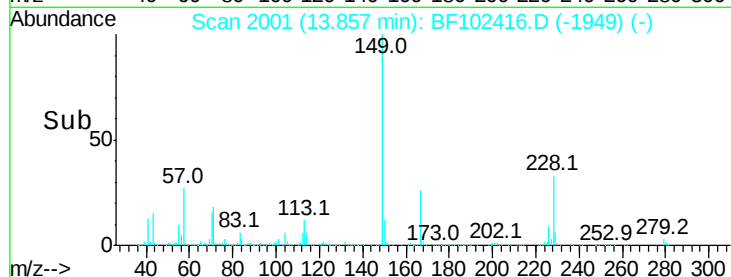
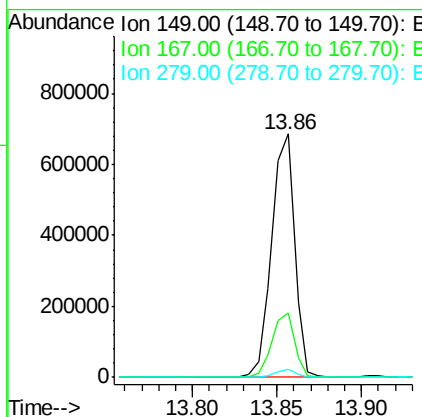
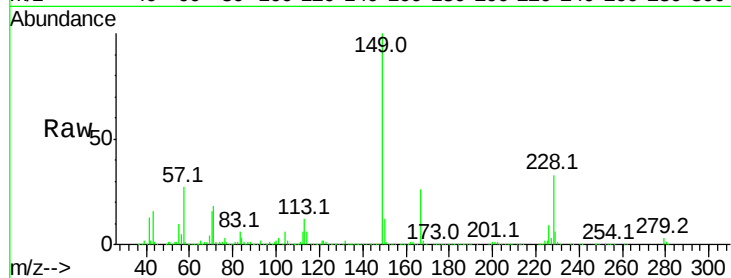
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 34.080 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. 0.01 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	3.1	3.0	4.4

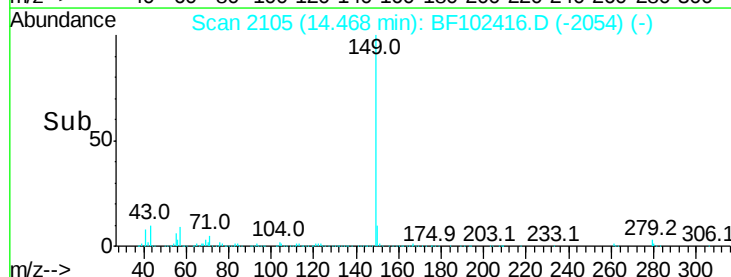
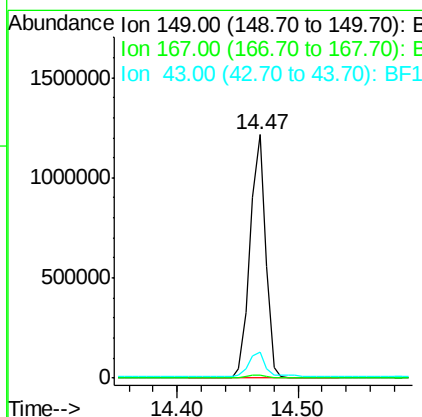
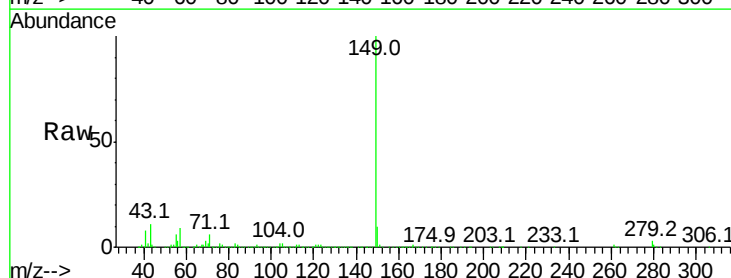
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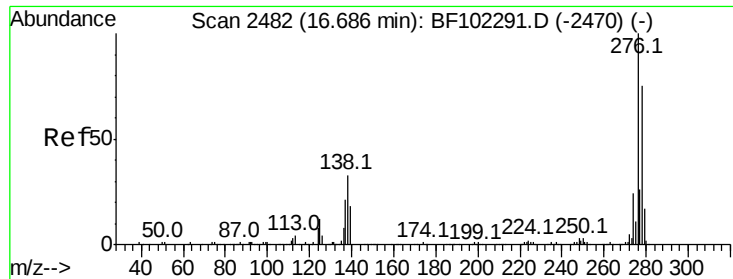
Sohil
 1/25/2018 5:41:59 PM



#84
 Di-n-octyl phthalate
 Concen: 35.945 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	10.7	8.4	12.6





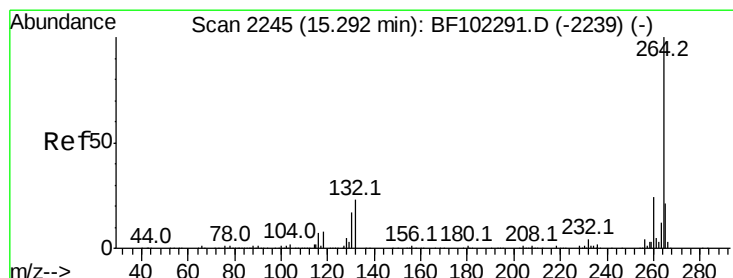
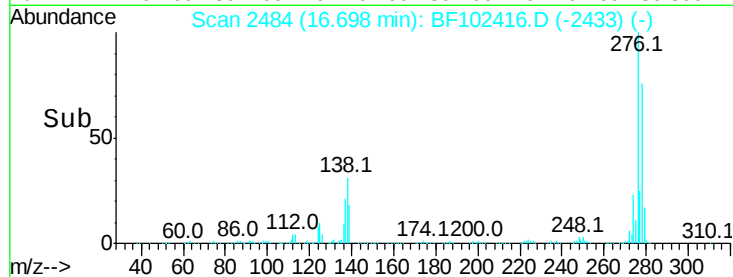
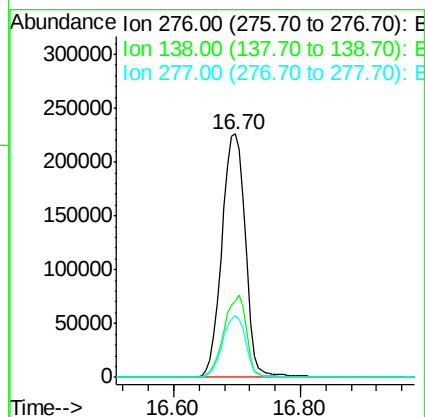
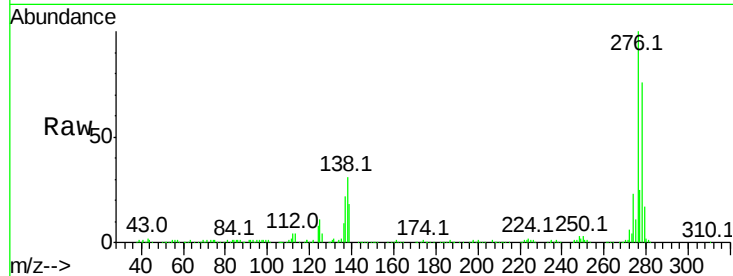
#85
Indeno(1,2,3-cd)pyrene
Concen: 30.946 ng
RT: 16.70 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	32.4	25.0	37.6
277	25.1	20.1	30.1

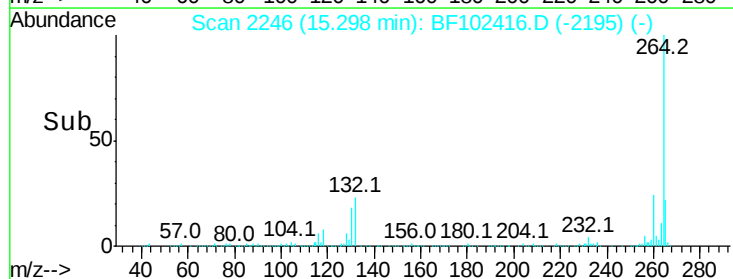
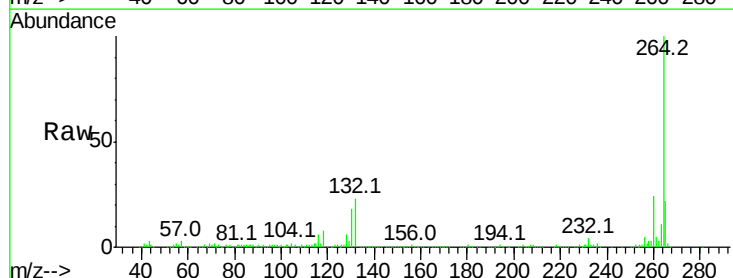
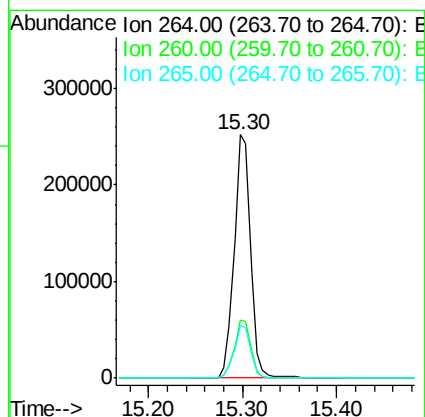
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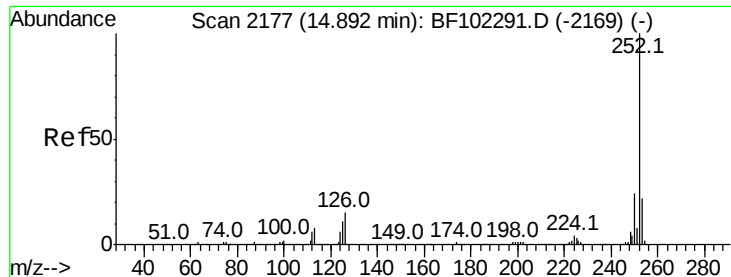
Sohil
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2246
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 37.264 ng

RT: 14.90 min Scan# 2178

Delta R.T. 0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Instrument :

BNA_F

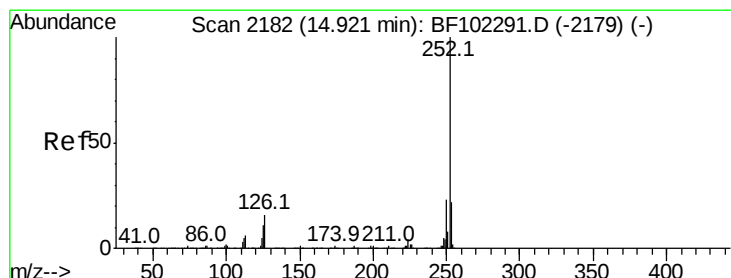
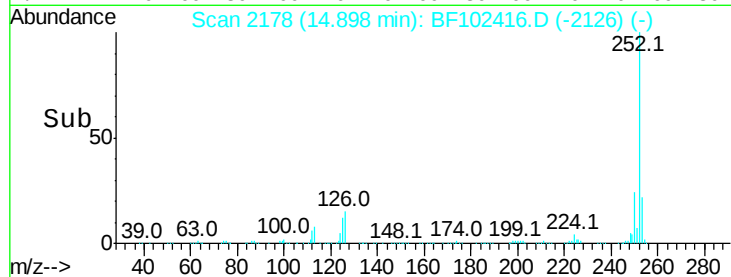
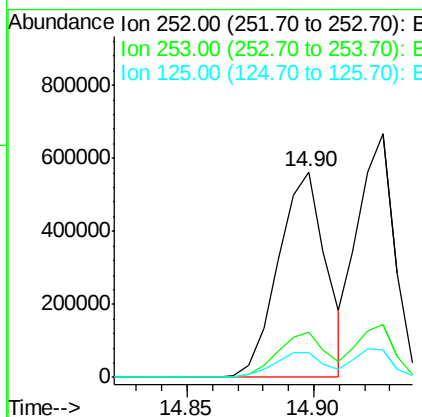
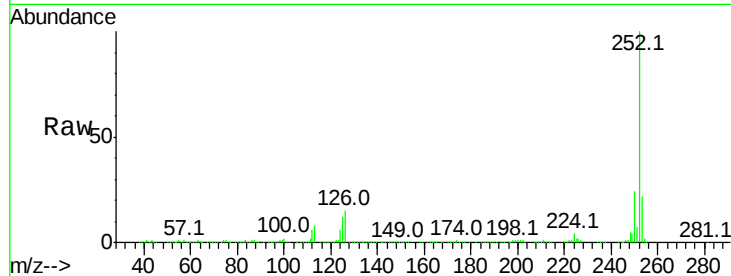
ClientSampleId :

PB105903BS

Tot Ion:	252	Resp:	736768
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.0	25.6
125	12.1	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 36.948 ng

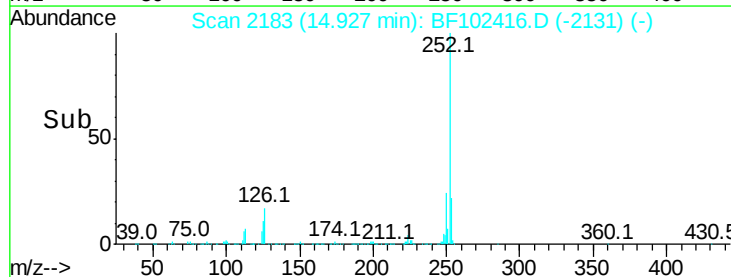
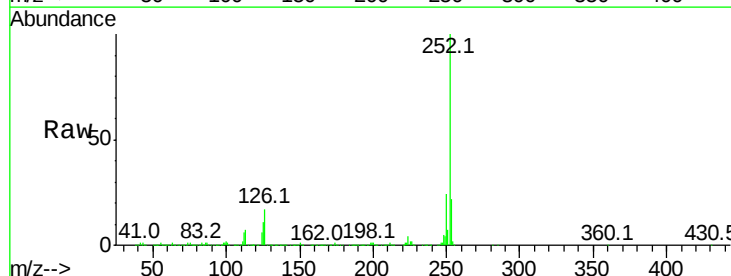
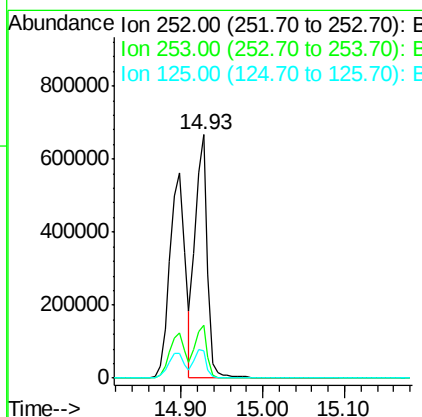
RT: 14.93 min Scan# 2183

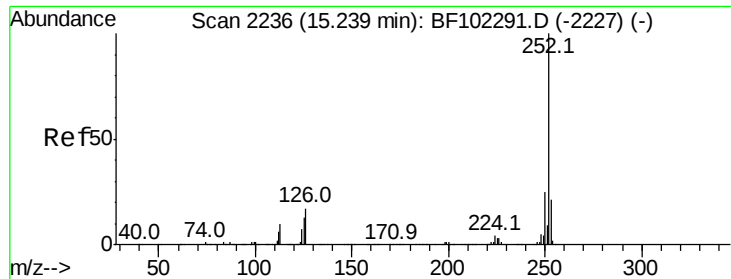
Delta R.T. 0.01 min

Lab File: BF102416.D

Acq: 25 Jan 2018 10:44

Tgt Ion:	252	Resp:	690173
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	11.5	10.2	15.2





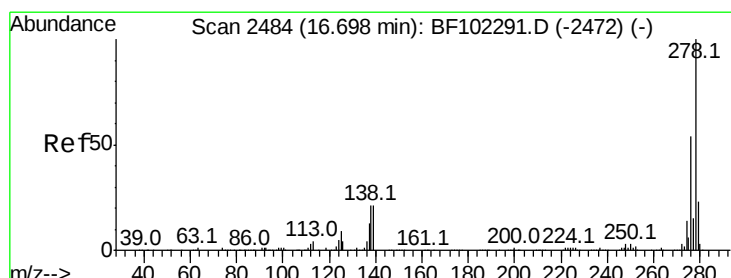
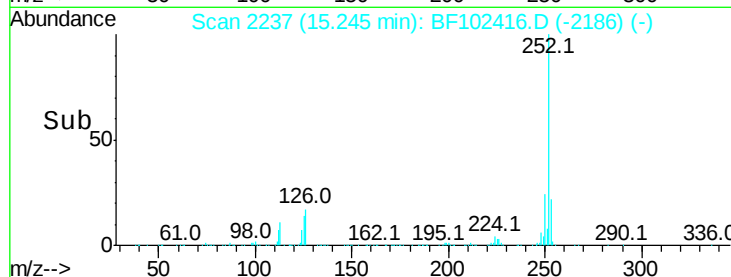
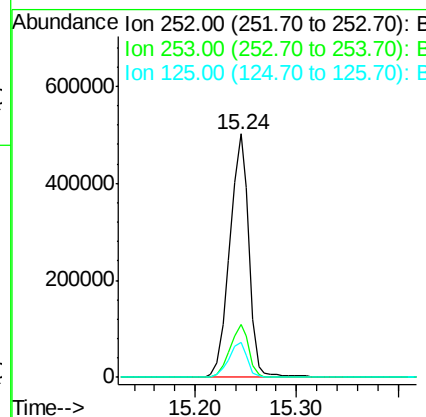
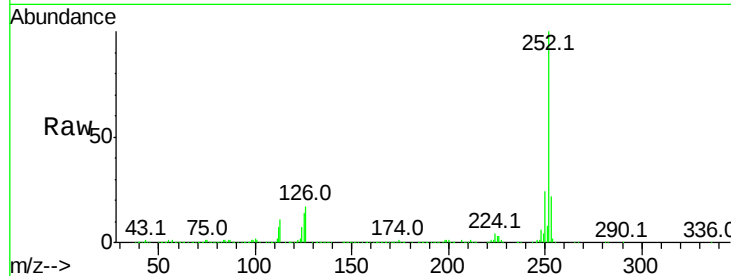
#89
Benzo(a)pyrene
Concen: 36.832 ng
RT: 15.24 min Scan# 2237
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Instrument :
BNA_F
ClientSampleId :
PB105903BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	14.3	9.8	14.6

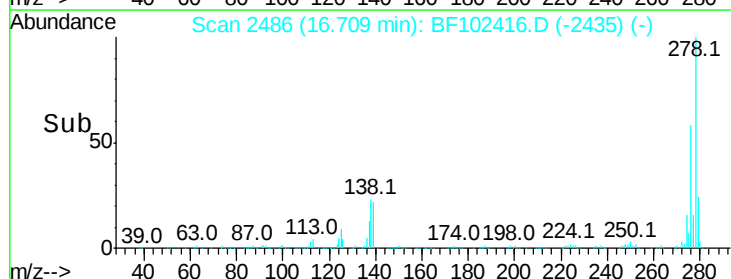
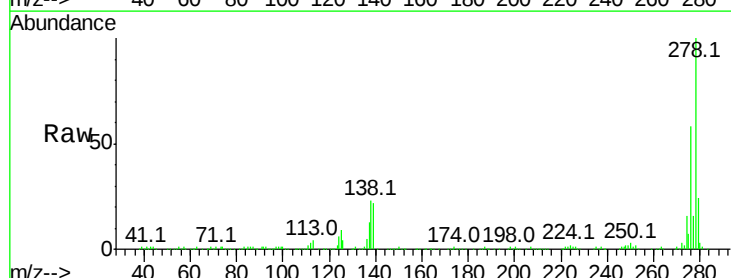
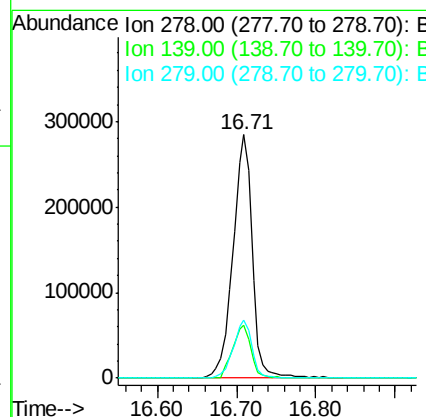
Manual Integrations
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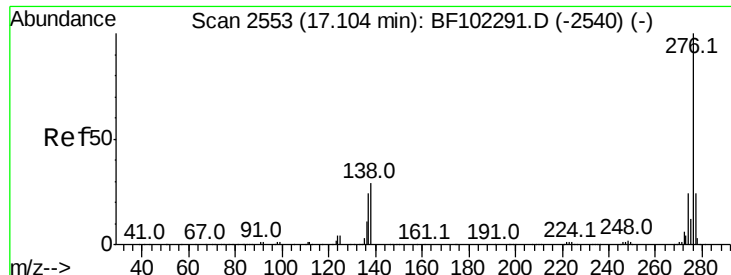
Sohil
1/25/2018 5:41:59 PM



#90
Dibenzo(a,h)anthracene
Concen: 33.081 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BF102416.D
Acq: 25 Jan 2018 10:44

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.9	23.9
279	24.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 33.902 ng
 RT: 17.12 min Scan# 2555
 Delta R.T. 0.00 min
 Lab File: BF102416.D
 Acq: 25 Jan 2018 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB105903BS

Tot Ion:	276	Resp:	483522
Ion Ratio	Lower	Upper	
276	100		
277	23.9	17.9	26.9
138	28.7	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 1/25/2018 5:41:59 PM

