

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020118\
 Data File : BF102690.D
 Acq On : 1 Feb 2018 17:06
 Operator : SJ/JU
 Sample : J1405-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Manual Integrations
 APPROVED

Sohil
 2/2/2018 9:52:48 AM

Quant Time: Feb 02 00:53:34 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	200545	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	849006	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	372097	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	652050	20.00	ng	0.00
75) Chrysene-d12	13.87	240	443356	20.00	ng	0.00
86) Perylene-d12	15.30	264	368490	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1751039	132.39	ng	0.02
7) Phenol-d6	6.38	99	1883525	118.12	ng	0.02
23) Nitrobenzene-d5	7.27	82	1242513	84.10	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	340273	92.29	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	1734172	68.53	ng	0.00
78) Terphenyl-d14	12.81	244	1592916	81.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	168596	26.829	ng	94
3) Pyridine	3.13	79	587418	35.769	ng	97
4) n-Nitrosodimethylamine	3.09	42	313147	48.638	ng	97
6) Aniline	6.38	93	573337	27.184	ng	# 58
8) 2-Chlorophenol	6.50	128	615640	44.404	ng	94
9) Benzaldehyde	6.26	77	255176	25.688	ng	96
10) Phenol	6.39	94	882587	50.700	ng	76
11) bis(2-Chloroethyl)ether	6.45	93	613813	46.360	ng	95
12) 1,3-Dichlorobenzene	6.64	146	623708	37.825	ng	98
13) 1,4-Dichlorobenzene	6.72	146	649648	39.331	ng	99
14) 1,2-Dichlorobenzene	6.87	146	555964	36.798	ng	98
15) Benzyl Alcohol	6.86	79	502597	44.673	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1053283	47.432	ng	97
17) 2-Methylphenol	6.99	107	525204	43.617	ng	# 90
18) Hexachloroethane	7.20	117	229383	39.852	ng	92
19) n-Nitroso-di-n-propylamine	7.12	70	463091	47.457	ng	95
20) 3+4-Methylphenols	7.15	107	712438	50.307	ng	96
22) Acetophenone	7.12	105	897777	44.359	ng	# 98
24) Nitrobenzene	7.29	77	680484	45.008	ng	96
25) Isophorone	7.53	82	1289336	48.953	ng	97
26) 2-Nitrophenol	7.61	139	350161	44.005	ng	97
27) 2,4-Dimethylphenol	7.66	122	563295	48.751	ng	98
28) bis(2-Chloroethoxy)methane	7.74	93	798394	49.072	ng	98
29) 2,4-Dichlorophenol	7.86	162	516616	43.894	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	455898	36.135	ng	98
31) Naphthalene	8.00	128	1670461	39.407	ng	100
32) Benzoic acid	7.80	122	102929	10.633	ng	99
33) 4-Chloroaniline	8.07	127	432259	24.250	ng	99
34) Hexachlorobutadiene	8.11	225	224972	33.386	ng	100
35) Caprolactam	8.46	113	167991m	43.218	ng	
36) 4-Chloro-3-methylphenol	8.58	107	574115	46.277	ng	99
37) 2-Methylnaphthalene	8.70	142	1088270	38.550	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	413357	36.924	ng	98
40) Hexachlorocyclopentadiene	8.84	237	222508	44.413	ng	96

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 TP-03(6-WATERLINE-BOTTOM@6)

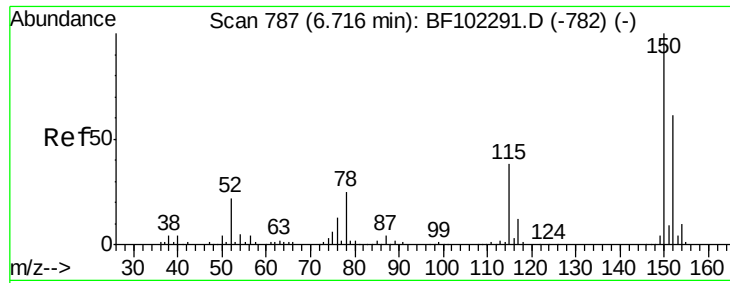
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	296640	39.583	nq	98
43) 2,4,5-Trichlorophenol	9.05	196	288380	34.177	nq	97
45) 1,1'-Biphenyl	9.16	154	1234438	37.102	nq	99
46) 2-Chloronaphthalene	9.19	162	977296	37.789	nq	99
47) 2-Nitroaniline	9.30	65	399775	49.583	nq	89
48) Acenaphthylene	9.60	152	1450205	35.994	nq	99
49) Dimethylphthalate	9.47	163	1316495	42.804	nq	100
50) 2,6-Dinitrotoluene	9.55	165	267799	40.386	nq	96
51) Acenaphthene	9.77	154	871084	37.019	nq	99
52) 3-Nitroaniline	9.72	138	222231	28.330	nq	96
53) 2,4-Dinitrophenol	9.84	184	97111	34.828	nq #	17
54) Dibenzofuran	9.95	168	1217091	38.218	nq	92
55) 4-Nitrophenol	9.95	139	849776	164.109	nq #	21
56) 2,4-Dinitrotoluene	9.95	165	336701	41.291	nq #	85
57) Fluorene	10.29	166	985518	39.054	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	243332	40.389	nq	99
59) Diethylphthalate	10.16	149	1158342	38.757	nq	100
60) 4-Chlorophenyl-phenylether	10.27	204	421841	38.557	nq	96
61) 4-Nitroaniline	10.35	138	307687	39.308	nq	98
62) Azobenzene	10.44	77	1192413	43.576	nq	98
64) 4,6-Dinitro-2-methylphenol	10.37	198	133932	30.787	nq	91
65) n-Nitrosodiphenylamine	10.40	169	919445	38.418	nq	98
66) 4-Bromophenyl-phenylether	10.76	248	256642	36.562	nq	96
67) Hexachlorobenzene	10.83	284	256605	32.688	nq	96
68) Atrazine	10.94	200	283436	40.099	nq	99
69) Pentachlorophenol	11.05	266	207315	50.272	nq	99
70) Phenanthrene	11.25	178	1407971	37.055	nq	99
71) Anthracene	11.30	178	1454600	37.507	nq	99
72) Carbazole	11.47	167	1469288	38.834	nq	99
73) Di-n-butylphthalate	11.78	149	1773665	37.503	nq	100
74) Fluoranthene	12.44	202	1418498	36.609	nq	99
76) Benzidine	12.57	184	563045	37.804	nq	98
77) Pyrene	12.67	202	1421259	41.462	nq	99
79) Butylbenzylphthalate	13.28	149	751992	44.082	nq	96
80) Benzo(a)anthracene	13.86	228	1120777	41.060	nq	100
81) 3,3'-Dichlorobenzidine	13.83	252	245494	24.517	nq	98
82) Chrysene	13.90	228	1022706	36.896	nq	100
83) Bis(2-ethylhexyl)phthalate	13.83	149	965175	42.101	nq #	99
84) Di-n-octyl phthalate	14.44	149	1592057	42.703	nq	98
85) Indeno(1,2,3-cd)pyrene	16.70	276	852591	37.244	nq	95
87) Benzo(b)fluoranthene	14.89	252	937819	39.266	nq	97
88) Benzo(k)fluoranthene	14.92	252	797501	35.343	nq	97
89) Benzo(a)pyrene	15.24	252	819318	38.036	nq #	96
90) Dibenzo(a,h)anthracene	16.71	278	693743	39.759	nq	97
91) Benzo(g,h,i)perylene	17.13	276	746850	43.349	nq	93

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



#1

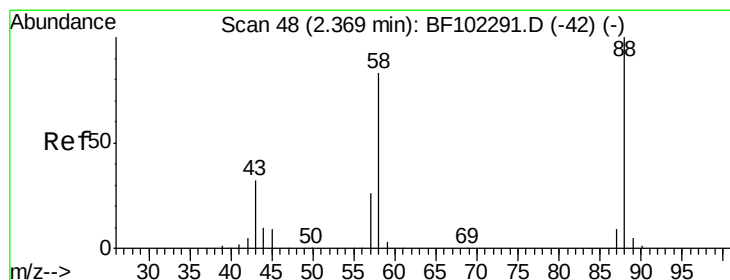
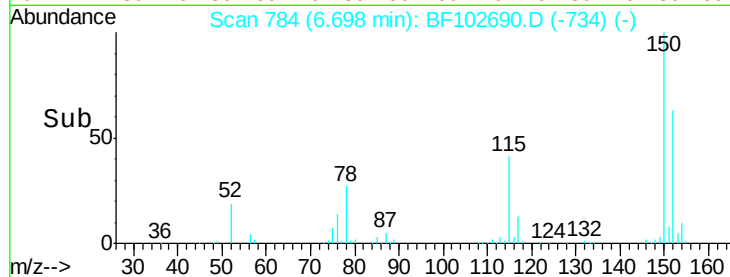
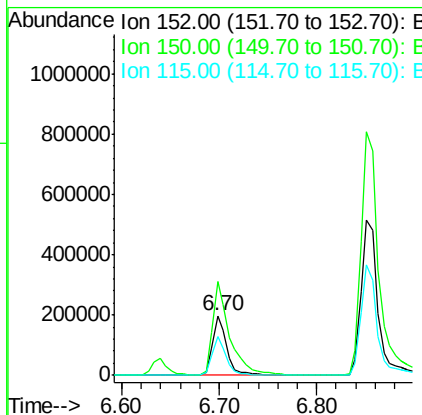
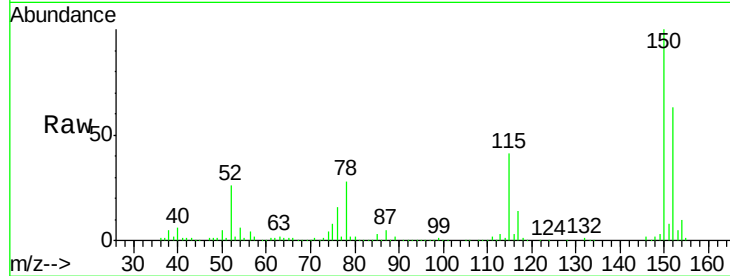
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	124.6	186.8
115	65.7	50.1	75.1

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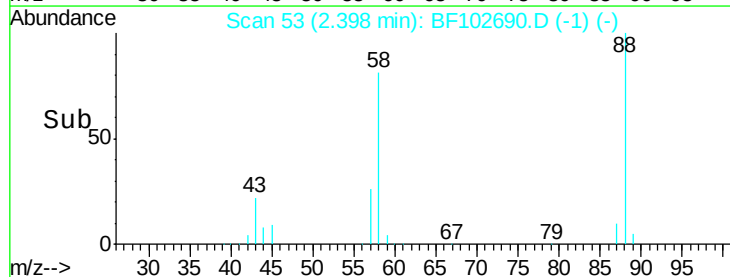
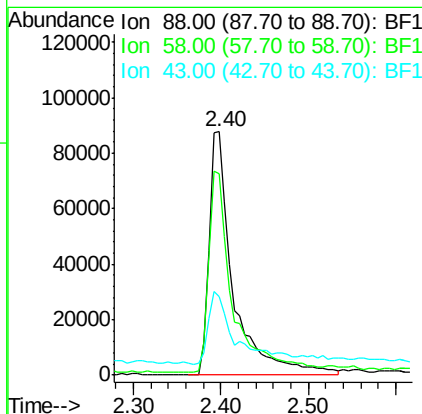
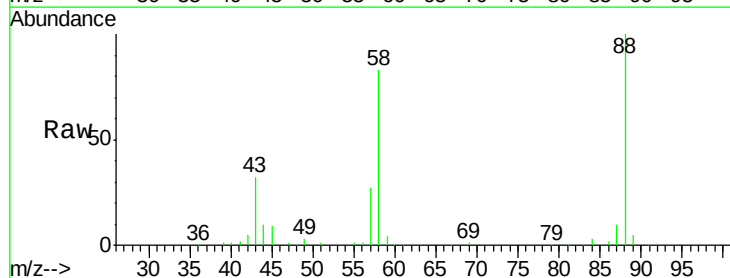
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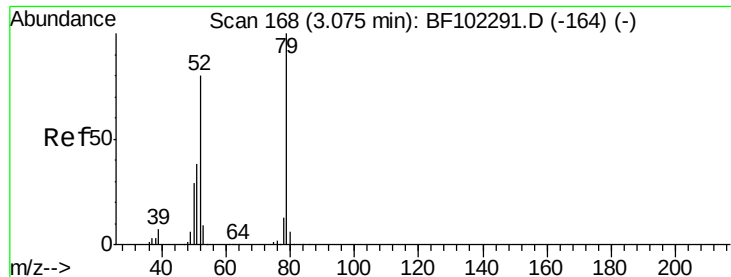


#2

1,4-Dioxane
Concen: 26.829 ng
RT: 2.40 min Scan# 53
Delta R.T. 0.04 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.1	62.6	93.8
43	33.8	24.6	37.0





#3

Pvridine

Concen: 35.769 ng

RT: 3.13 min Scan# 178

Delta R.T. 0.08 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

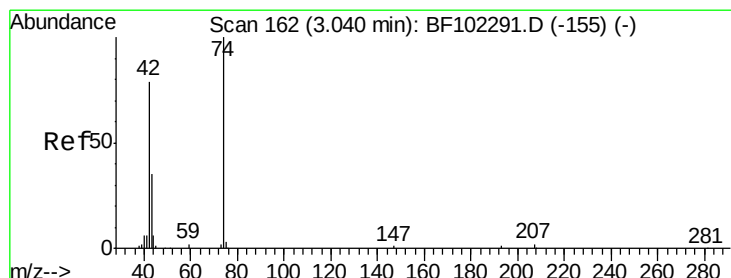
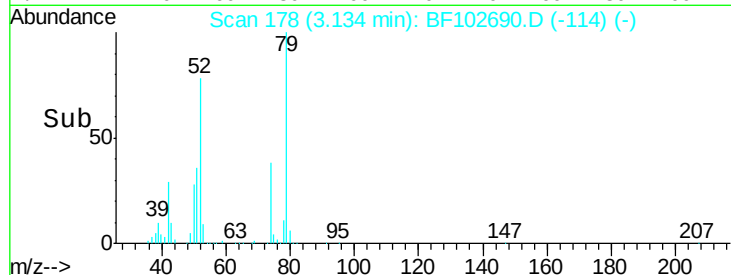
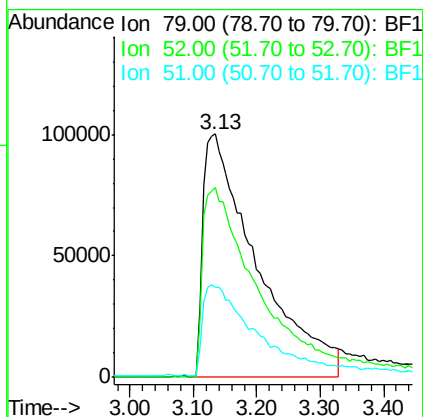
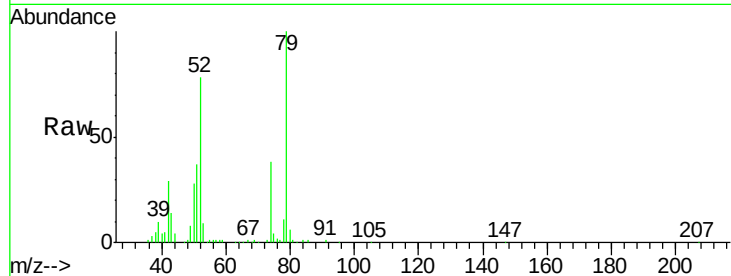
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:	79	Resp:	587418
Ion	Ratio	Lower	Upper
79	100		
52	78.1	59.8	89.6
51	37.1	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 48.638 ng

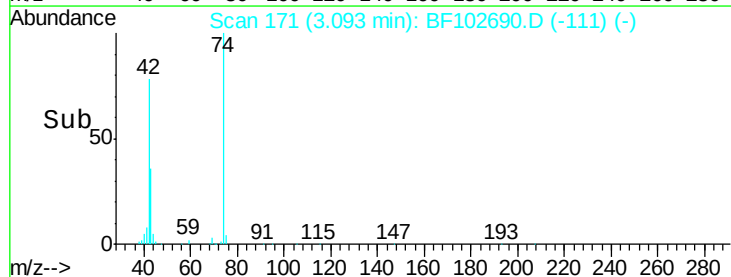
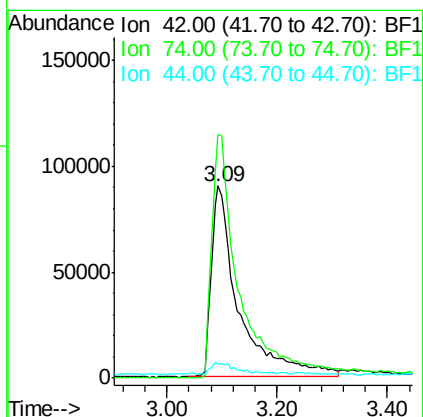
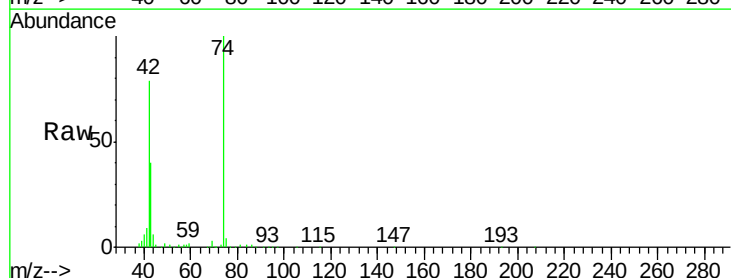
RT: 3.09 min Scan# 171

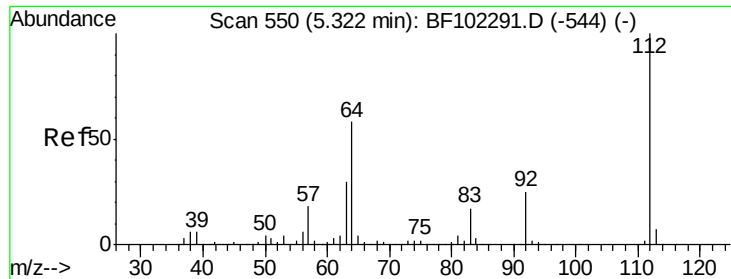
Delta R.T. 0.05 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tgt Ion:	42	Resp:	313147
Ion	Ratio	Lower	Upper
42	100		
74	126.9	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 132.391 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.02 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion: 112 Resp: 1751039

Ion Ratio Lower Upper

112 100

64 61.5 47.9 71.9

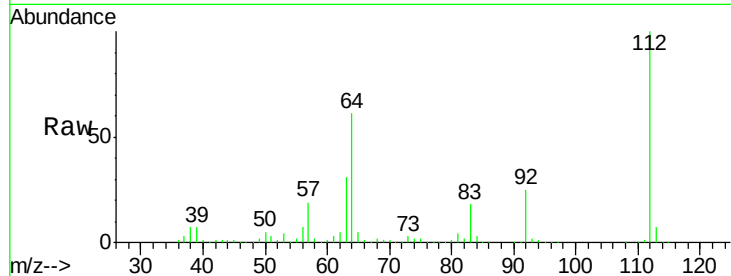
63 31.4 23.7 35.5

Manual Integrations

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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

5.34

800000

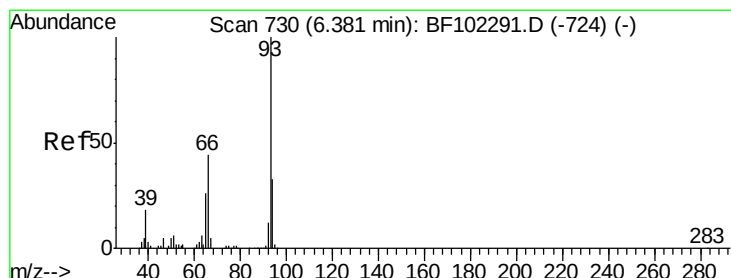
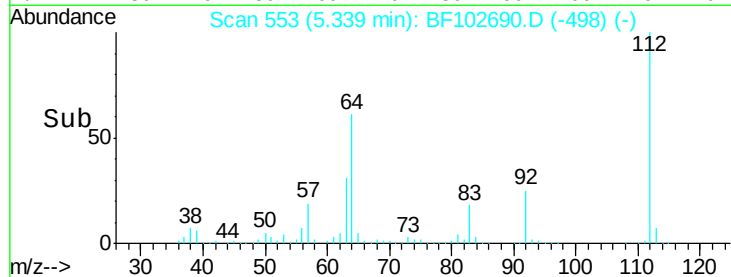
600000

400000

200000

0

Time-->



#6

Aniline

Concen: 27.184 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

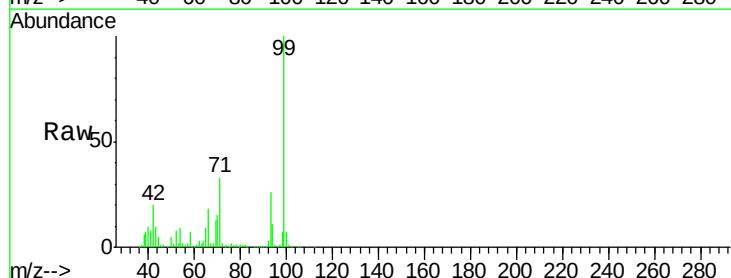
Tgt Ion: 93 Resp: 573337

Ion Ratio Lower Upper

93 100

66 69.8 32.2 48.2#

65 34.5 16.4 24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

800000

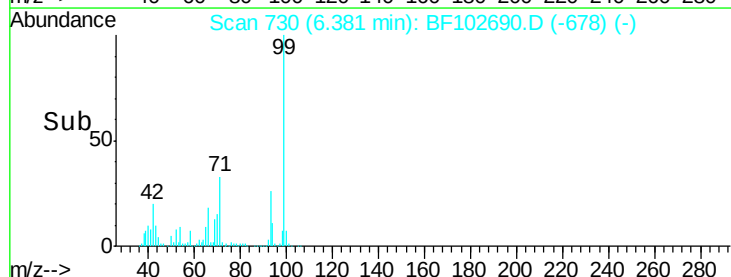
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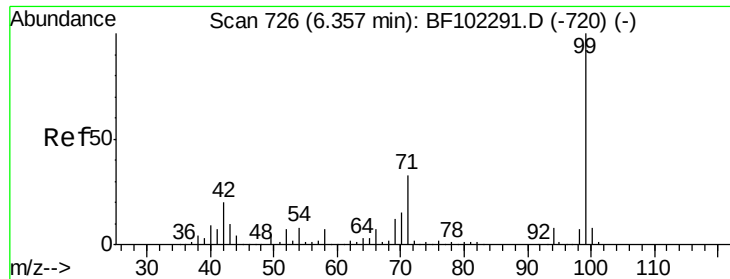
400000

200000

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Time-->





#7

Phenol-d6

Concen: 118.123 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion: 99 Resp: 1883525

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

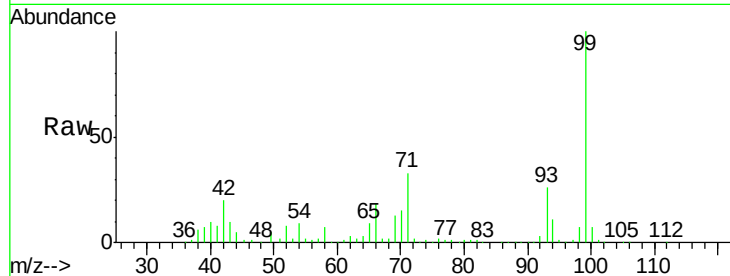
71 33.4 25.4 38.0

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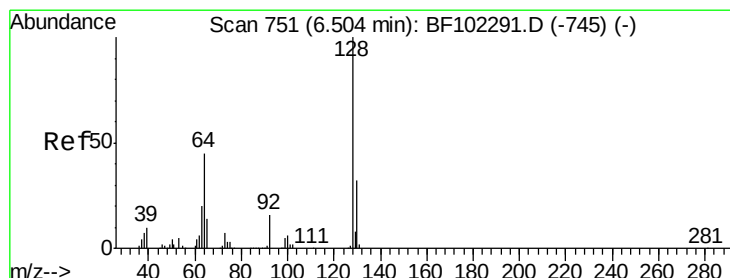
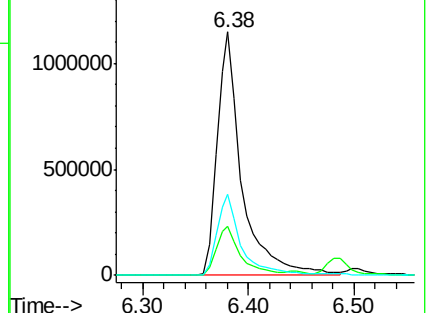
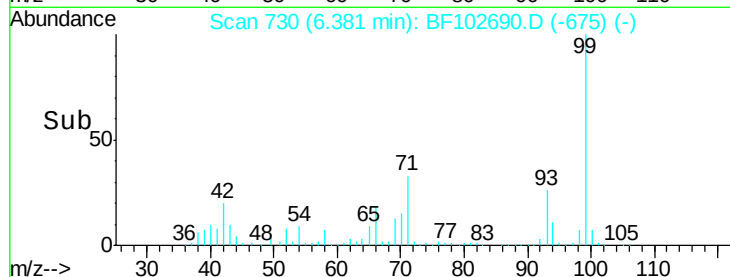
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.404 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

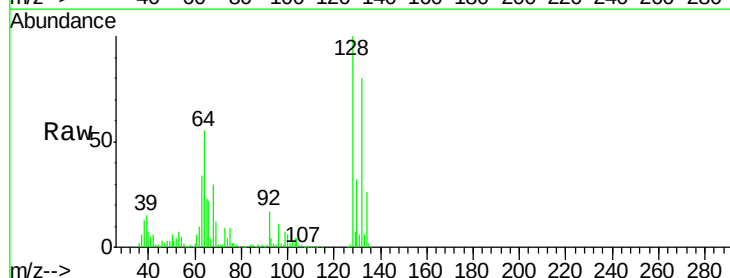
Tgt Ion:128 Resp: 615640

Ion Ratio Lower Upper

128 100

130 32.2 13.0 53.0

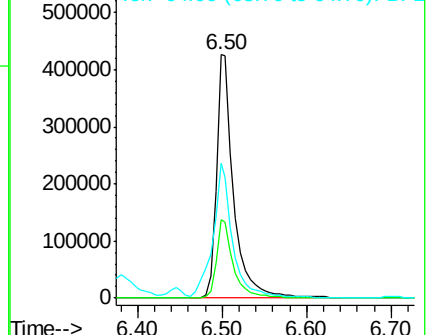
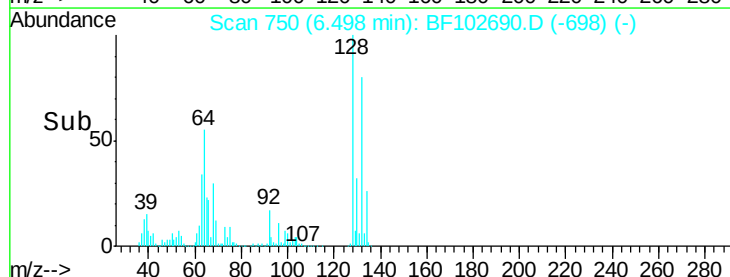
64 55.4 29.4 69.4

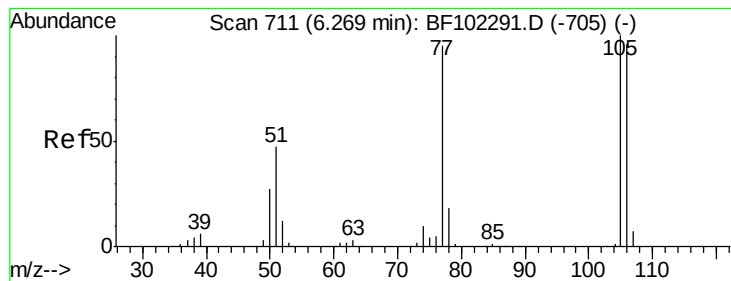


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.688 ng

RT: 6.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

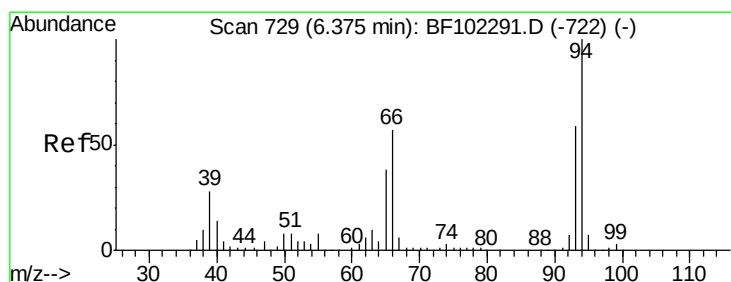
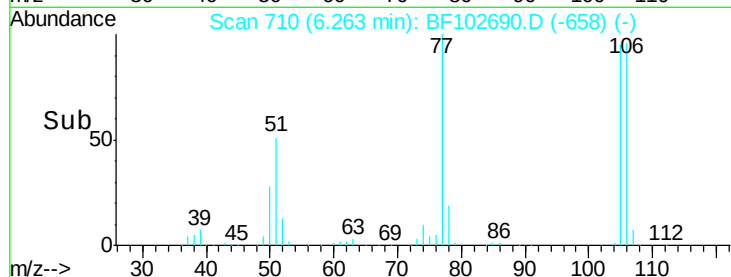
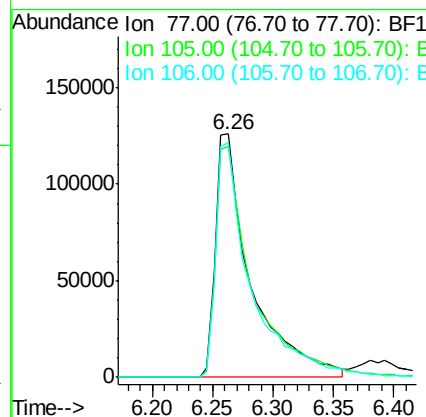
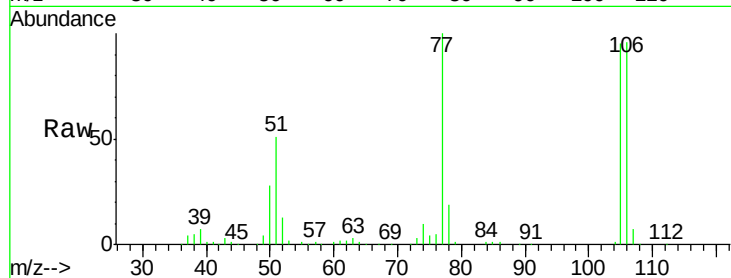
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:	77	Resp:	255176
Ion	Ratio	Lower	Upper
77	100		
105	94.8	81.1	121.1
106	96.2	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 50.700 ng

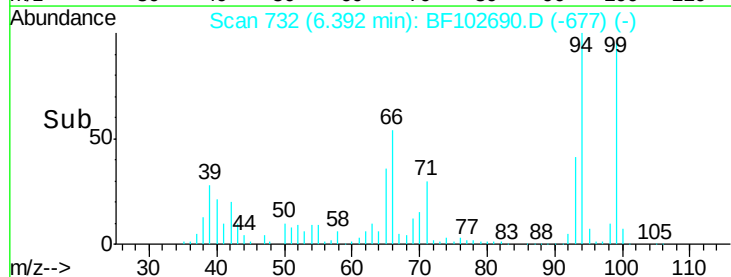
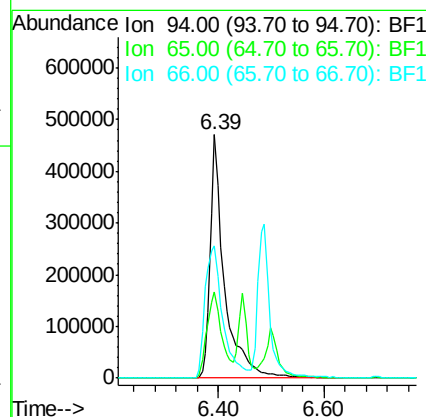
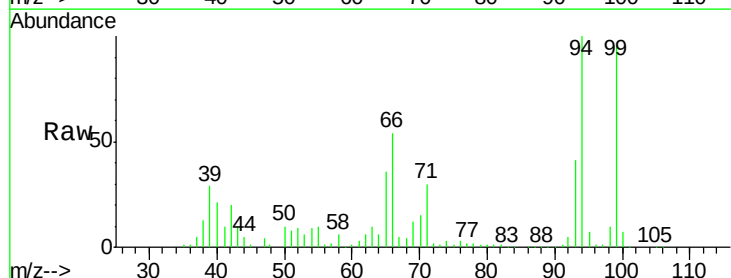
RT: 6.39 min Scan# 732

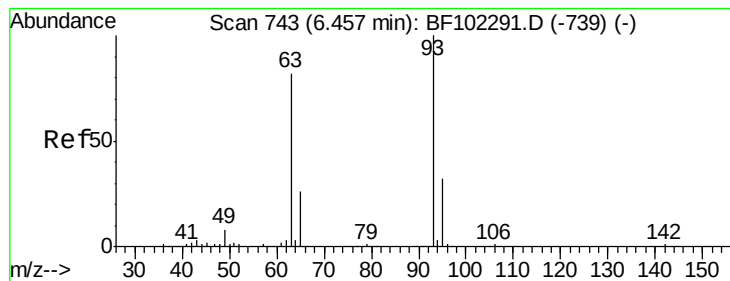
Delta R.T. 0.02 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tgt Ion:	94	Resp:	882587
Ion	Ratio	Lower	Upper
94	100		
65	35.6	7.9	47.9
66	54.2	16.2	56.2





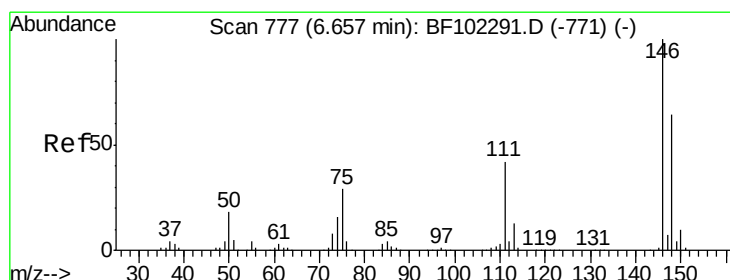
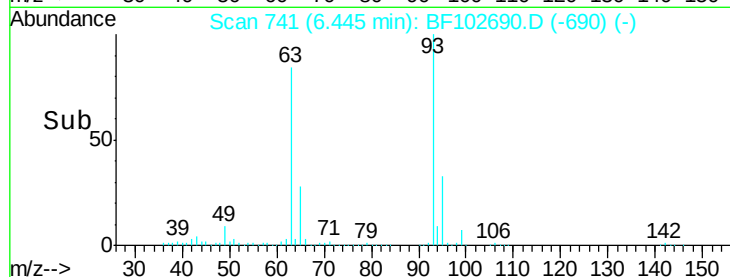
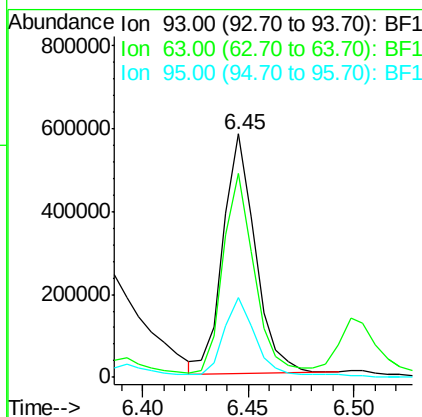
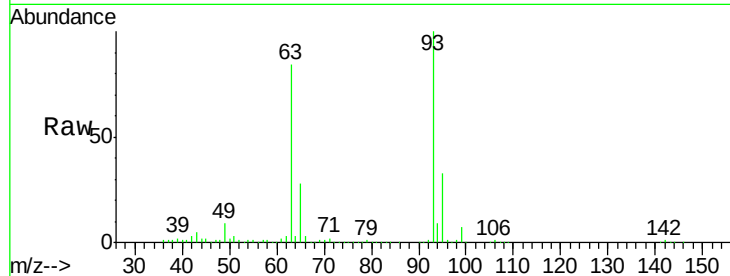
#11
bis(2-Chloroethyl)ether
Concen: 46.360 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Resp	Lower	Upper
93	100	613813		
63	83.9	58.6	98.6	
95	32.6	11.8	51.8	

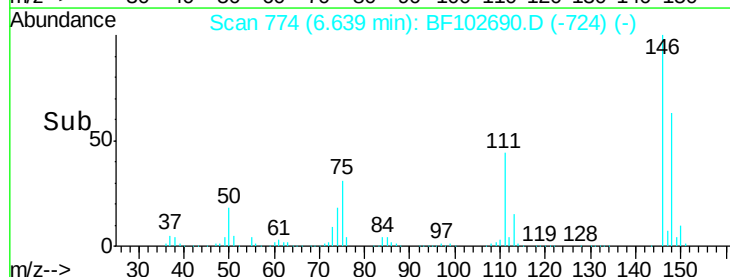
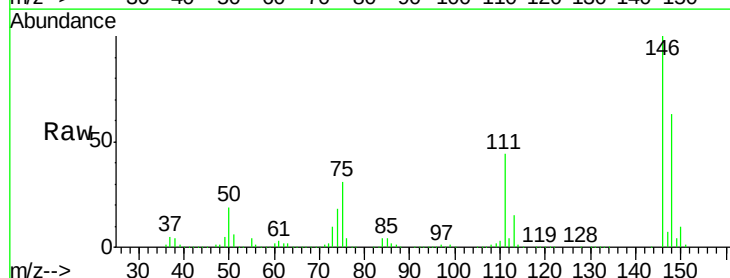
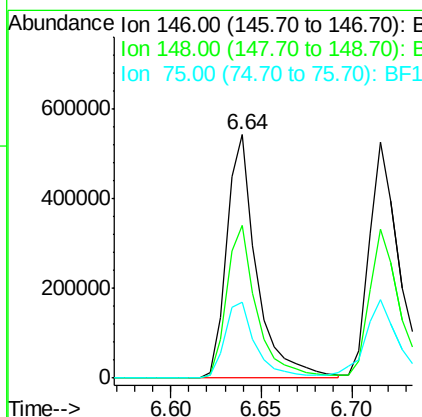
Manual Integrations
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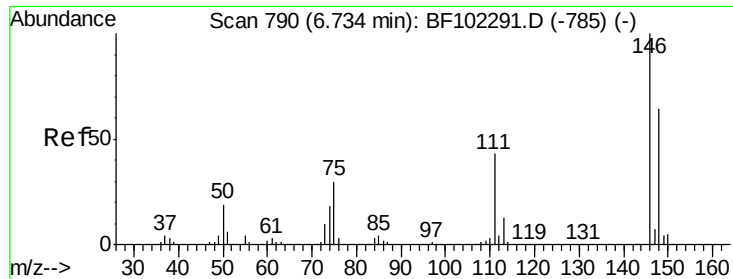
Sohil
2/2/2018 9:52:48 AM



#12
1,3-Dichlorobenzene
Concen: 37.825 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	623708		
148	62.9	51.8	77.8	
75	31.2	24.2	36.4	





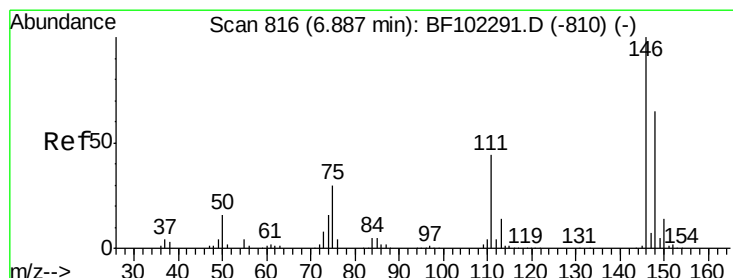
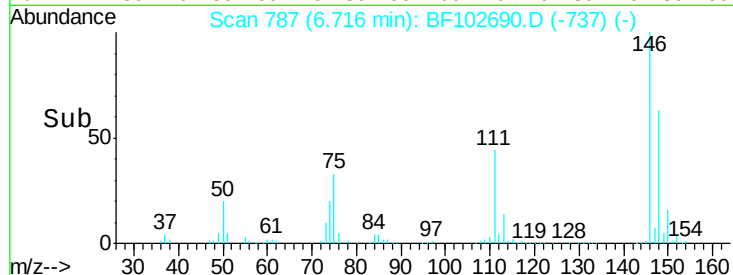
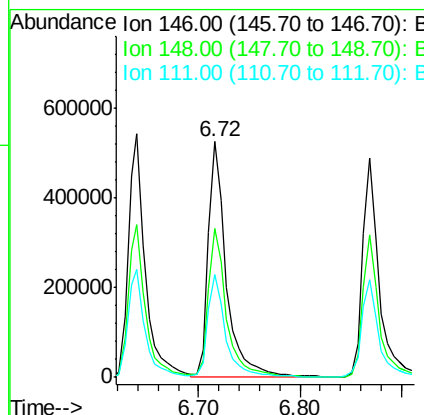
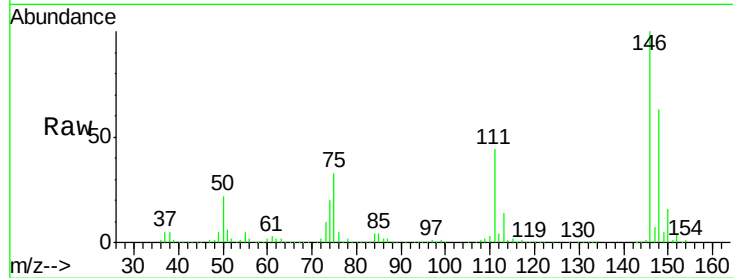
#13
 1,4-Dichlorobenzene
 Concen: 39.331 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.8	76.2
111	43.7	34.2	51.2

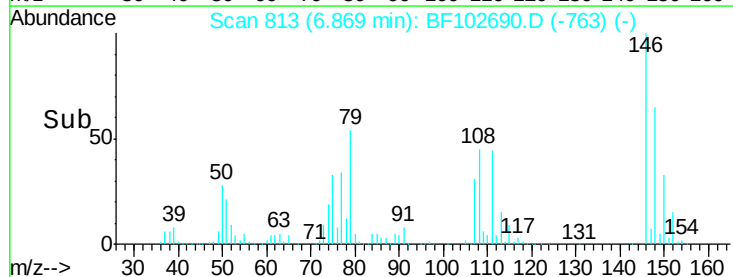
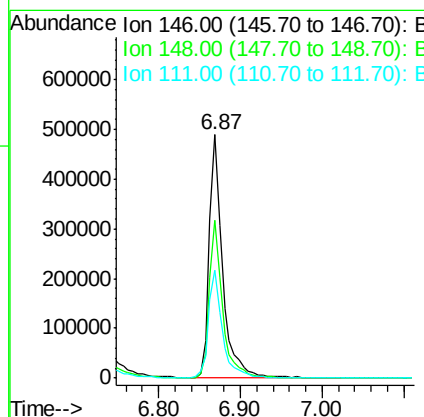
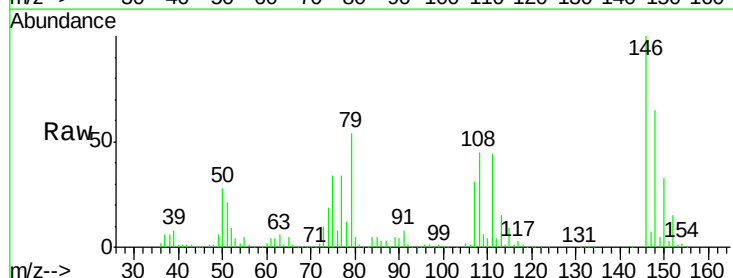
Manual Integrations
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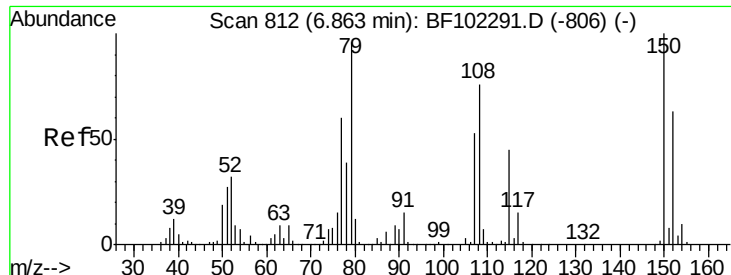
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 36.798 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.6	75.8
111	44.4	36.0	54.0





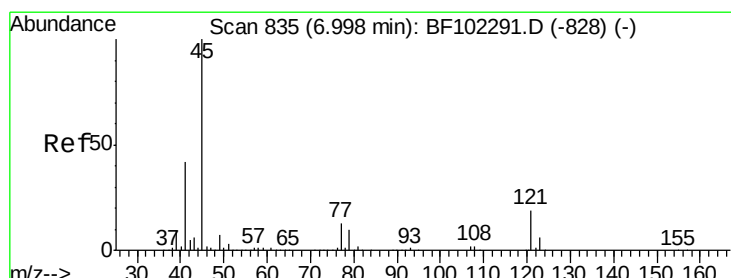
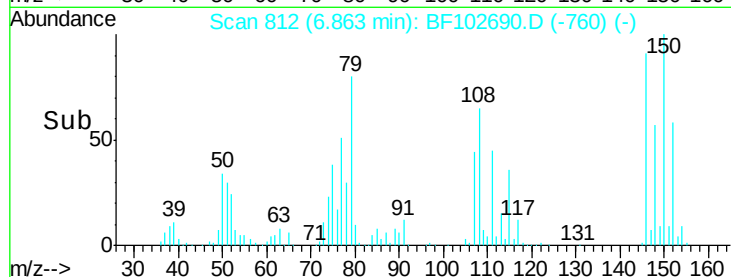
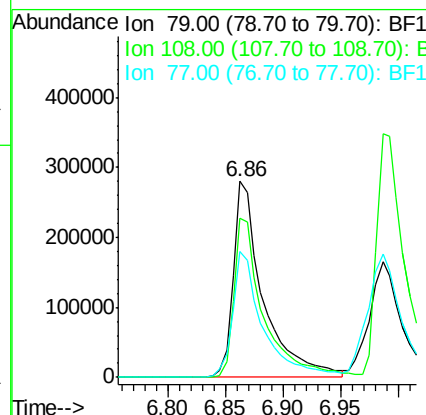
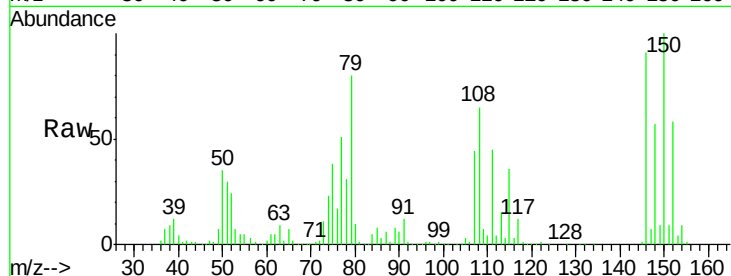
#15
Benzyl Alcohol
Concen: 44.673 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.6	65.1	97.7
77	64.2	50.6	75.8

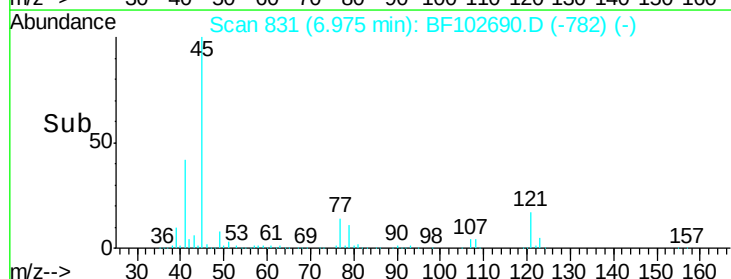
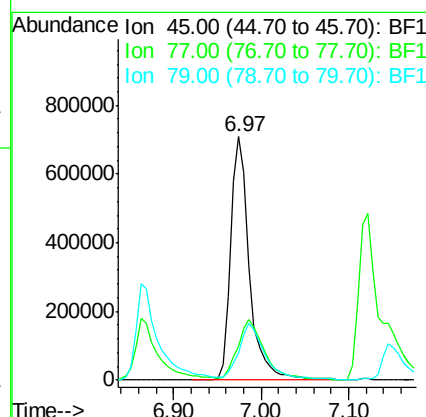
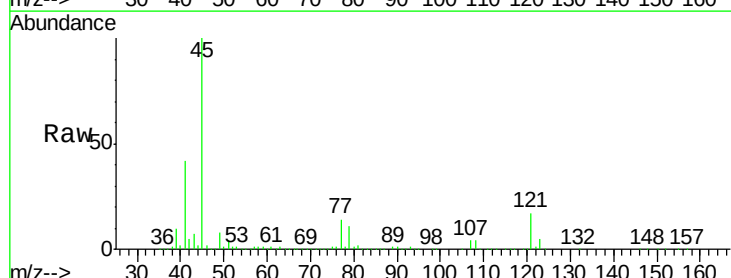
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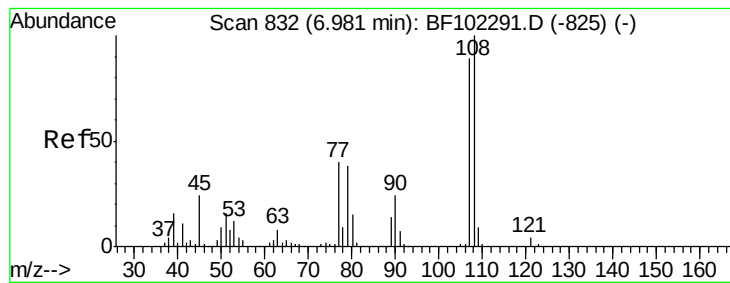
Sohil
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#16
2,2'-oxybis(1-chloropropane)
Concen: 47.432 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	32.9
79	11.2	0.0	29.6





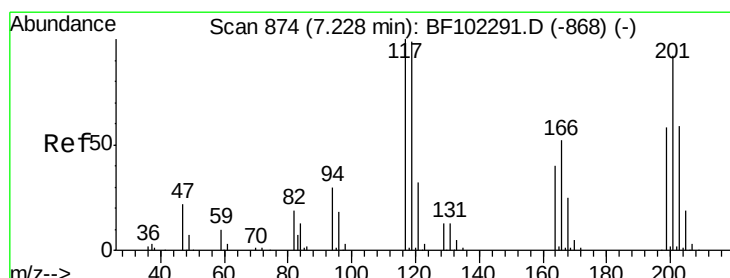
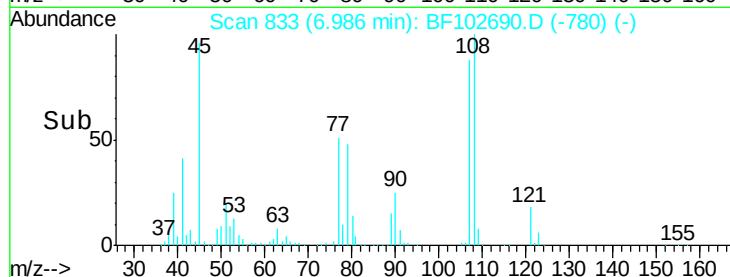
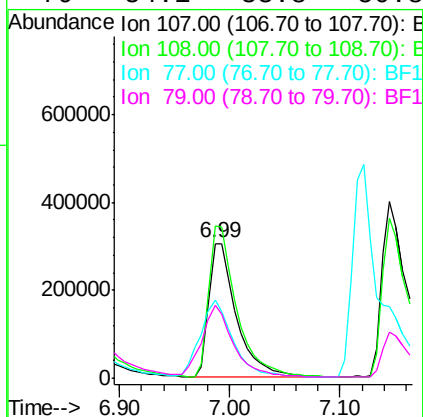
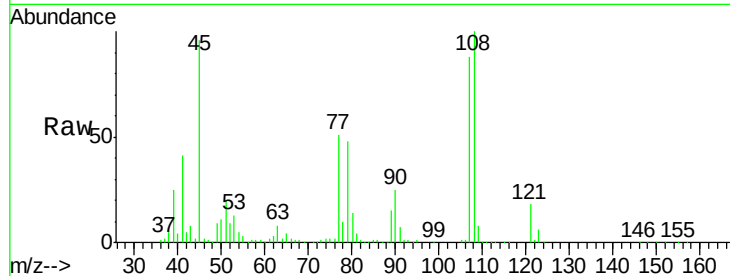
#17
2-Methylphenol
Concen: 43.617 ng
RT: 6.99 min Scan# 833
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	91.7	137.5
77	57.6	33.8	50.8#
79	54.1	33.8	50.8#

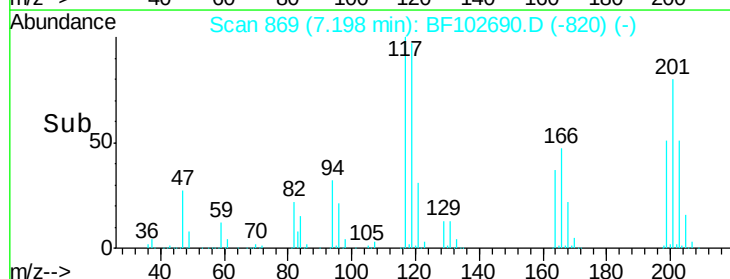
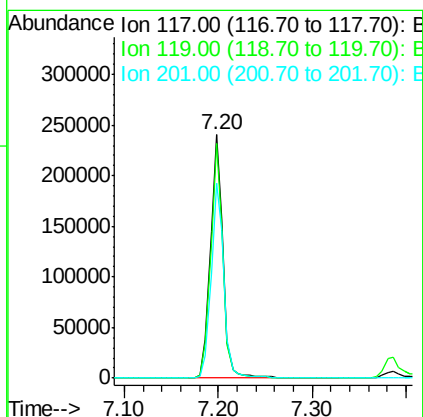
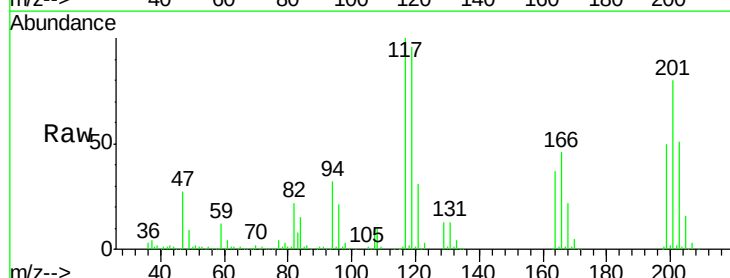
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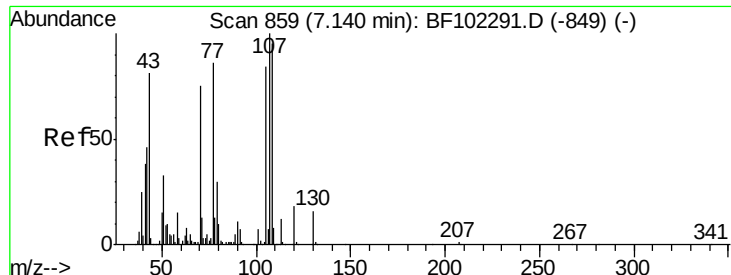
Sohil
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#18
Hexachloroethane
Concen: 39.852 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
201	79.9	75.7	113.5





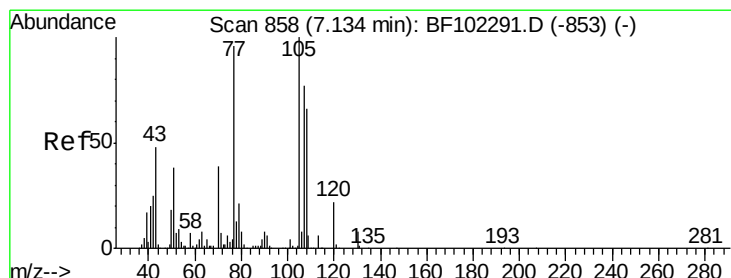
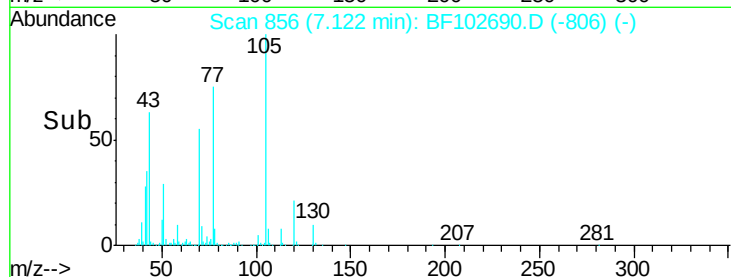
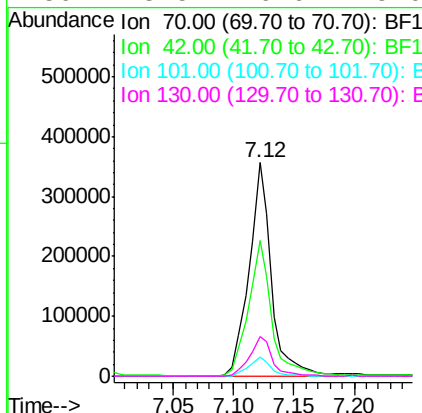
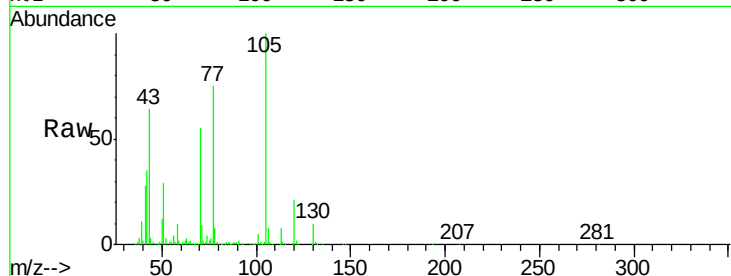
#19
n-Nitroso-di-n-propylamine
Concen: 47.457 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.5	71.3
101	8.9	7.4	11.2
130	18.5	16.6	25.0

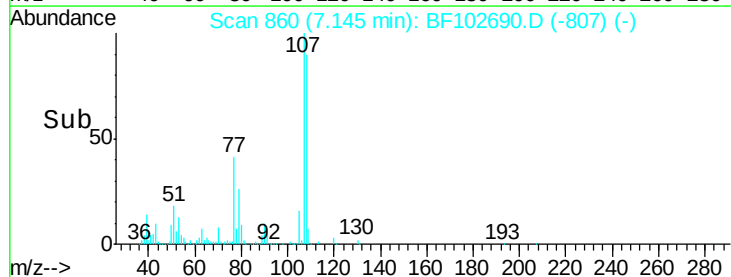
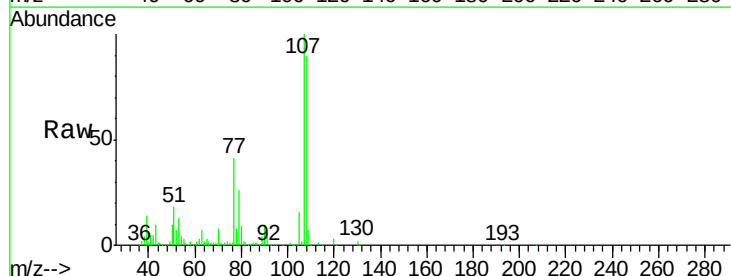
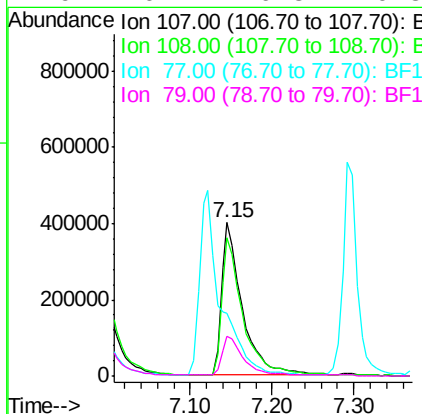
Manual Integrations
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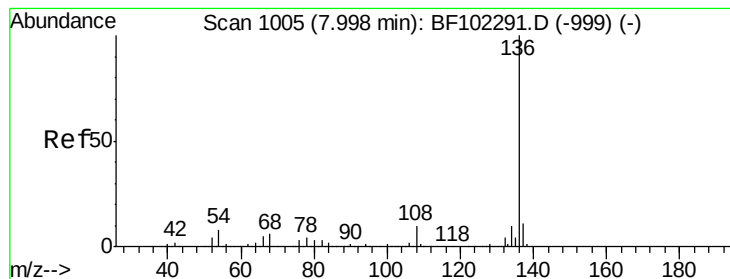
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#20
3+4-Methylphenols
Concen: 50.307 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.4	68.2	108.2
77	40.8	26.7	66.7
79	26.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

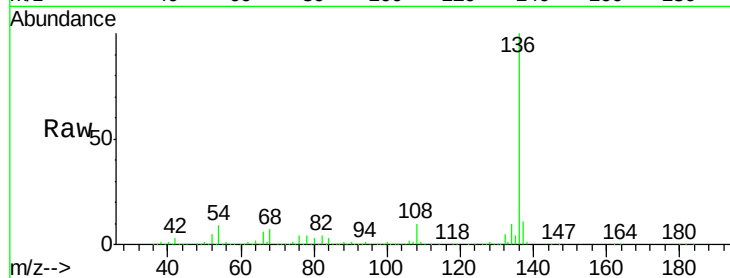
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

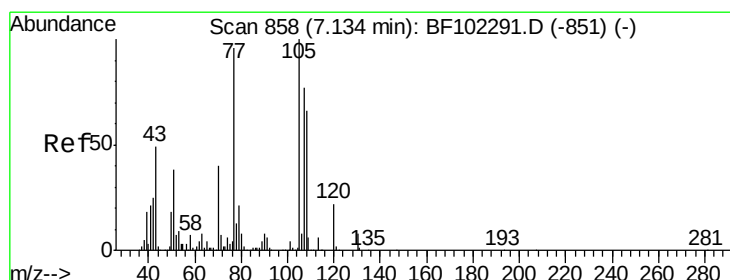
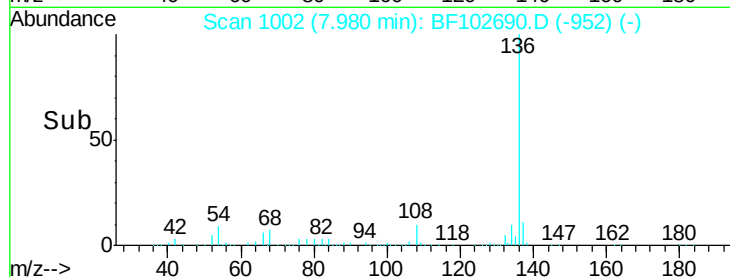
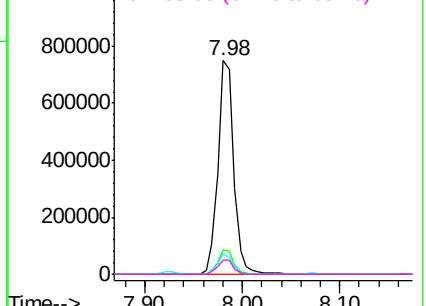
Tot Ion	Ratio	Resp	Lower	Upper
136	100	849006		
137	11.4		8.9	13.3
54	9.5		6.6	9.8
68	6.8		5.0	7.4

Manual Integrations
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Abundance Ion 136.00 (135.70 to 136.70): E



#22

Acetophenone

Concen: 44.359 ng

RT: 7.12 min Scan# 856

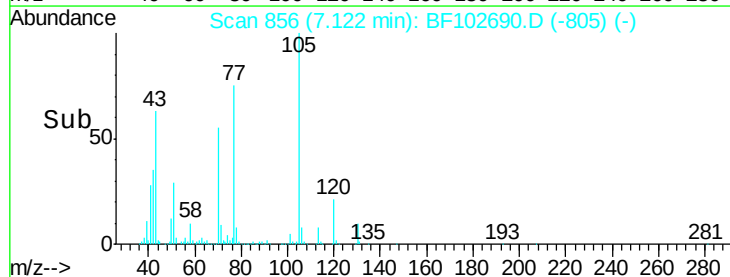
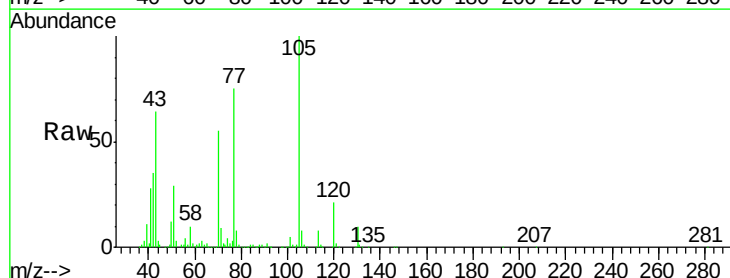
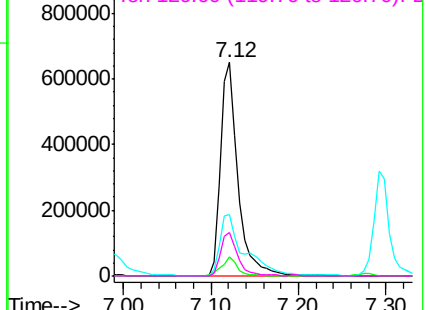
Delta R.T. 0.00 min

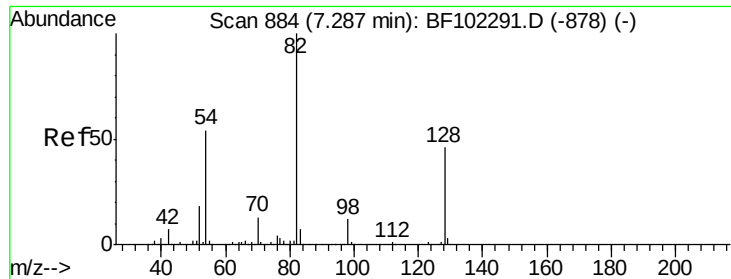
Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	897777		
71	9.0		4.4	6.6#
51	29.0		22.3	33.5
120	20.7		16.9	25.3

Abundance Ion 105.00 (104.70 to 105.70): E





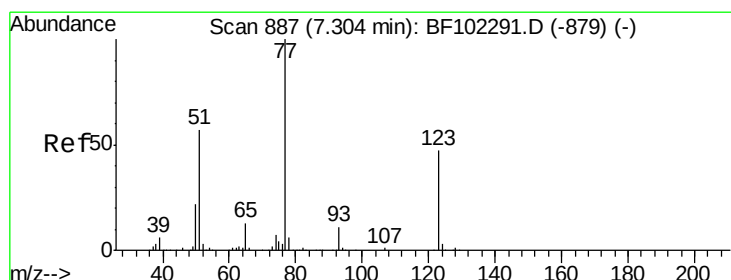
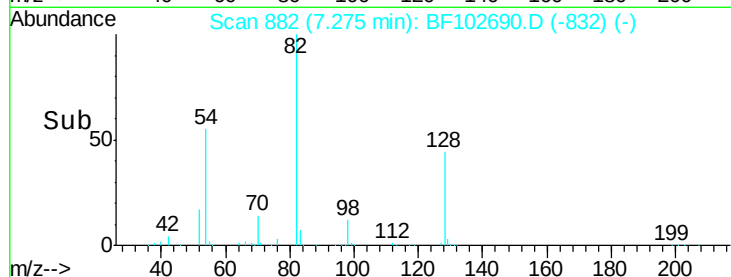
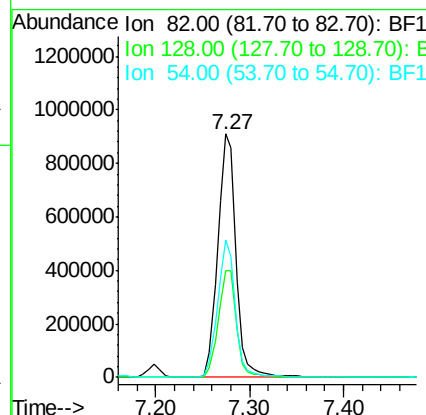
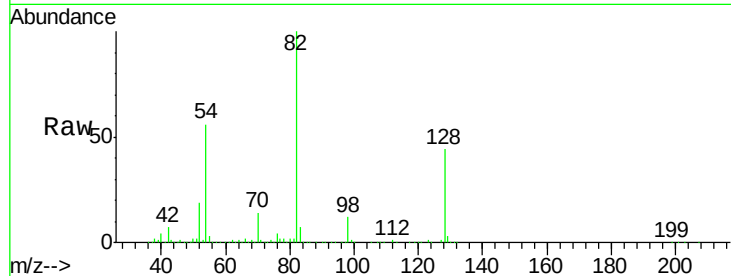
#23
Nitrobenzene-d5
Concen: 84.102 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	82	Resp	1242513
Ion Ratio	100	Lower	Upper
128	44.0	36.1	54.1
54	56.2	41.4	62.2

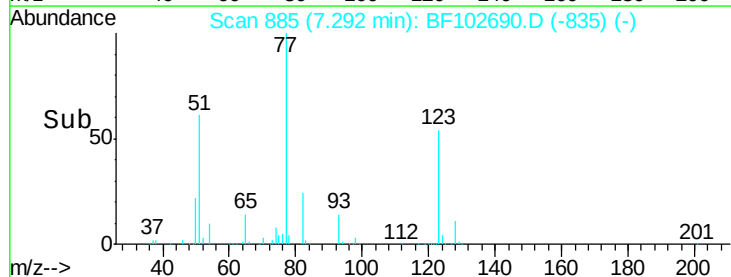
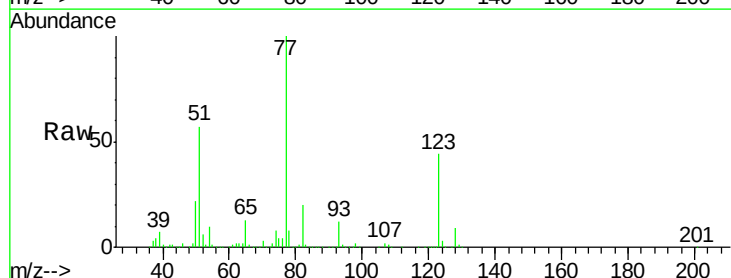
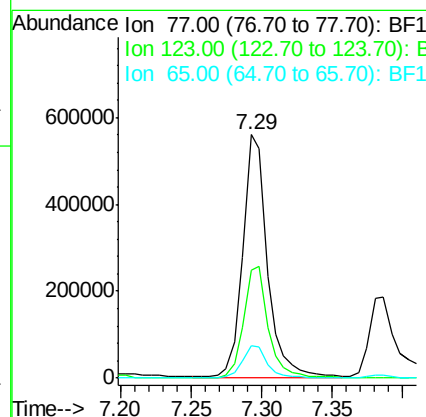
Manual Integrations
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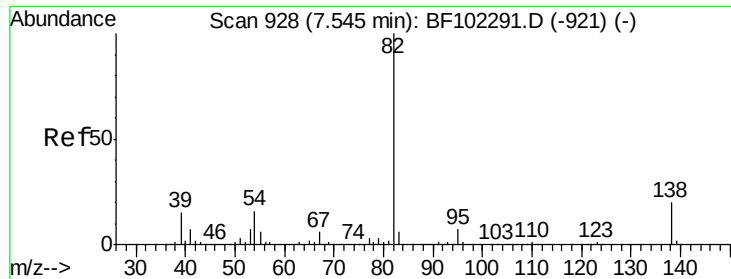
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#24
Nitrobenzene
Concen: 45.008 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	77	Resp	680484
Ion Ratio	100	Lower	Upper
123	44.4	37.9	56.9
65	13.3	11.0	16.4





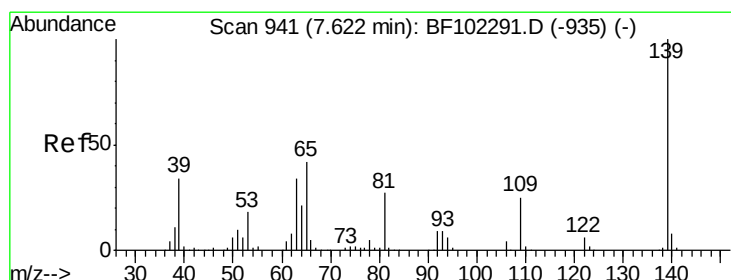
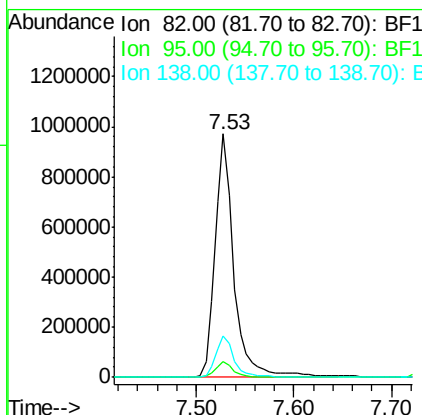
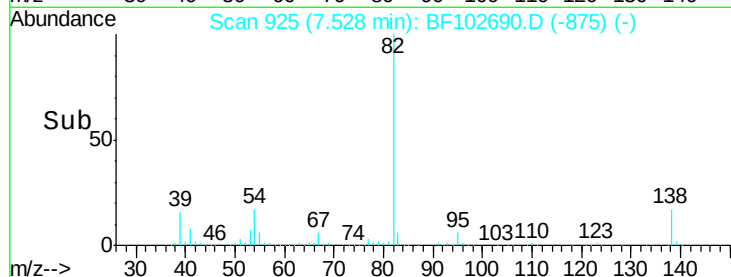
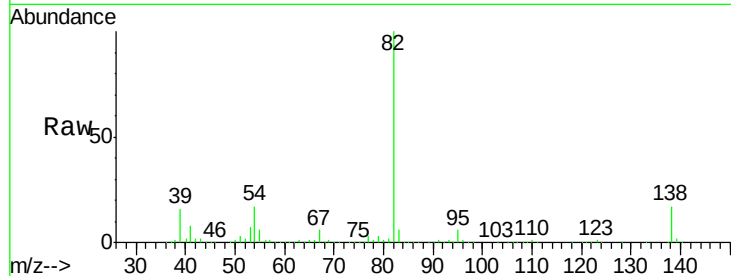
#25
Isophorone
Concen: 48.953 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion: 82 Resp: 1289336
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 17.0 14.9 22.3

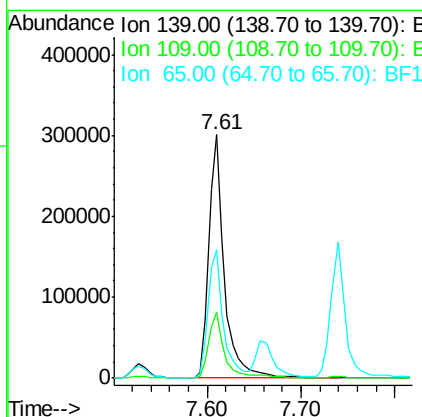
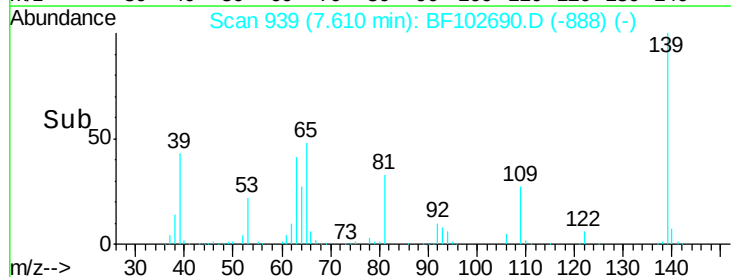
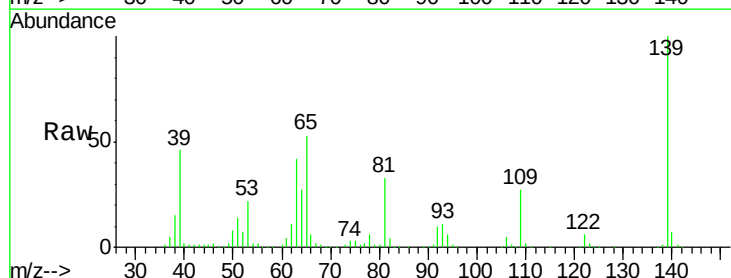
Manual Integrations
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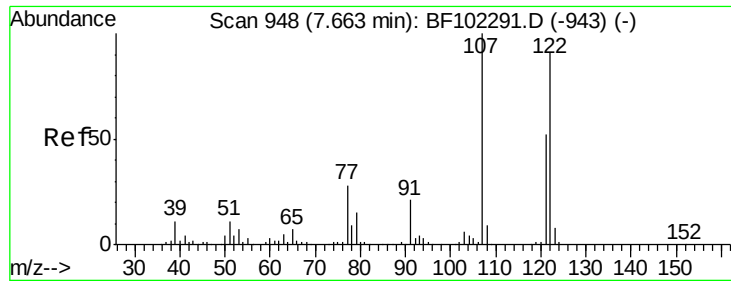
Sohil
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#26
2-Nitrophenol
Concen: 44.005 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion: 139 Resp: 350161
Ion Ratio Lower Upper
139 100
109 26.8 22.7 34.1
65 52.9 40.5 60.7





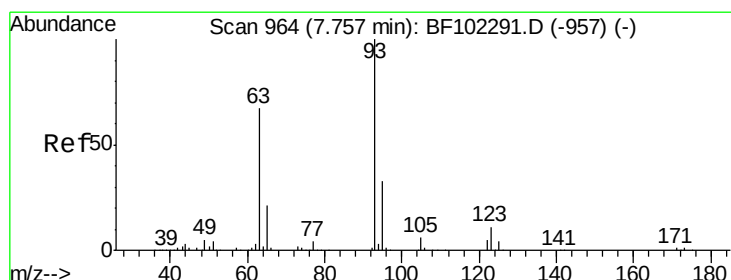
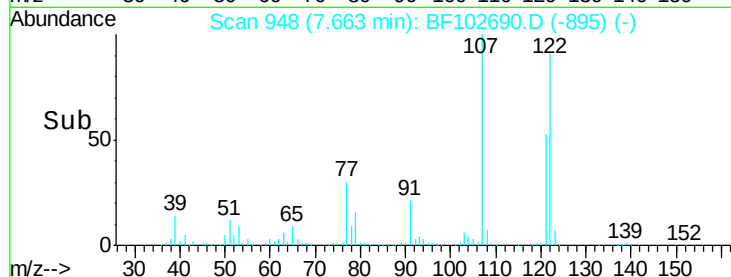
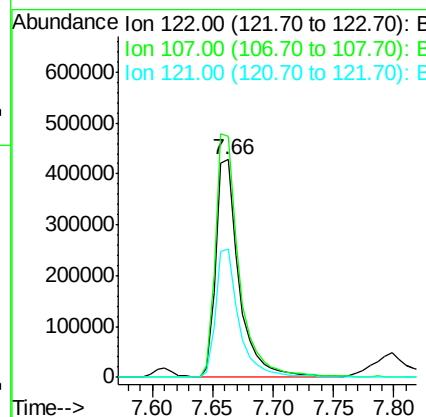
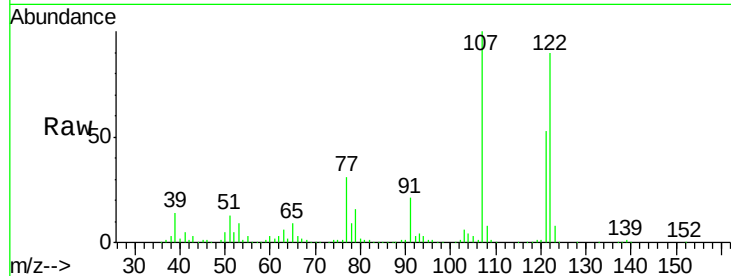
#27
2,4-Dimethylphenol
Concen: 48.751 ng
RT: 7.66 min Scan# 948
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Resp	Lower	Upper
122	100	563295		
107	110.7	91.2	136.8	
121	58.8	47.2	70.8	

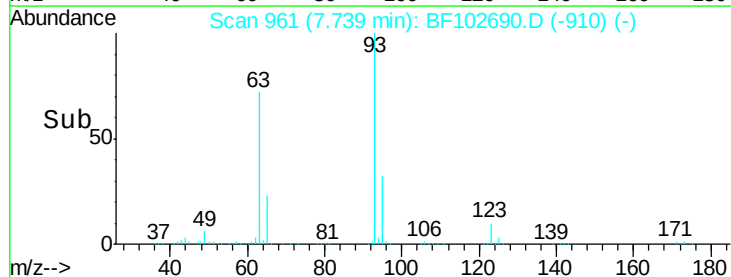
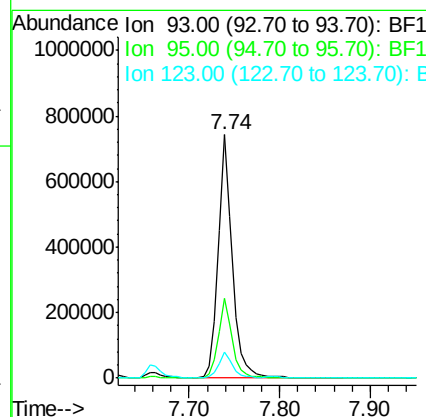
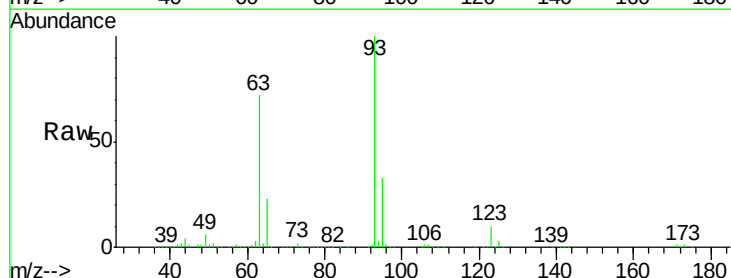
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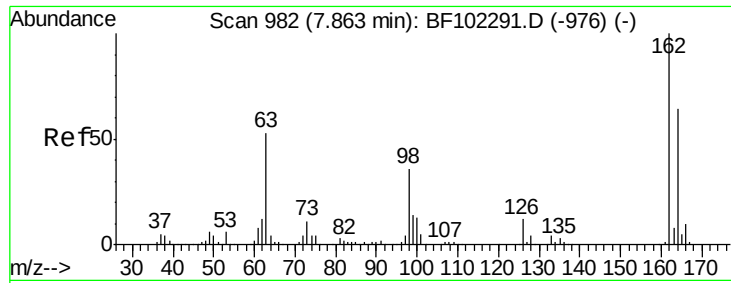
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 49.072 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	798394		
95	32.5	26.3	39.5	
123	10.4	9.8	14.6	





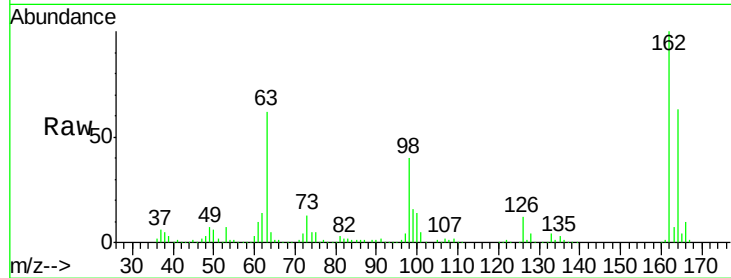
#29
 2,4-Dichlorophenol
 Concen: 43.894 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

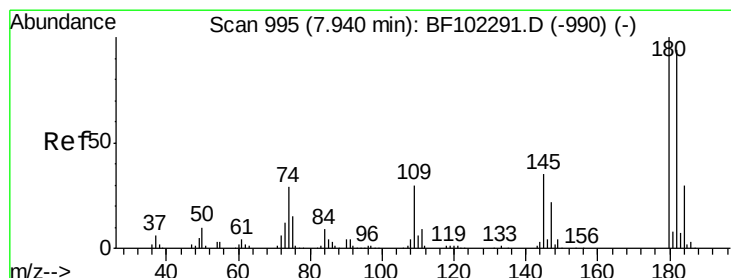
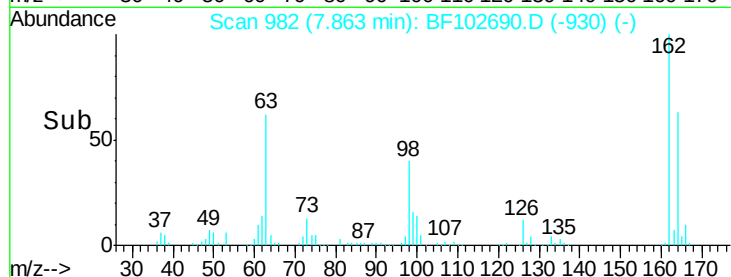
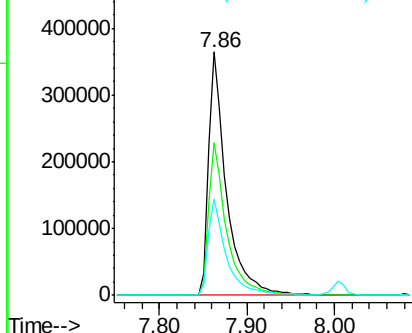
Tot Ion:	162	Resp:	516616
Ion Ratio	Lower	Upper	
162	100		
164	62.9	42.7	82.7
98	39.5	18.1	58.1

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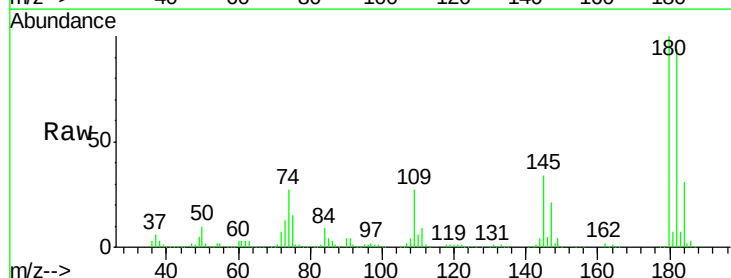


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

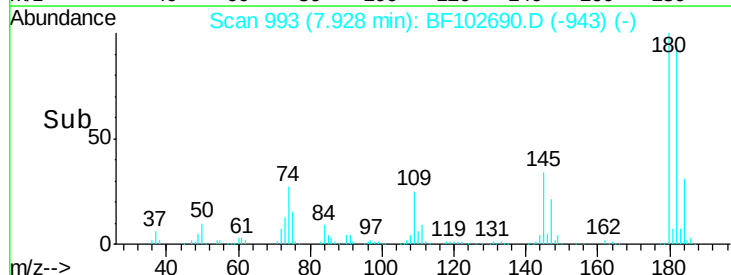
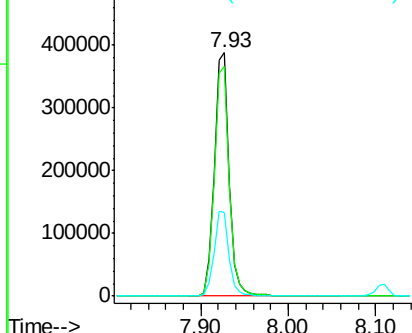


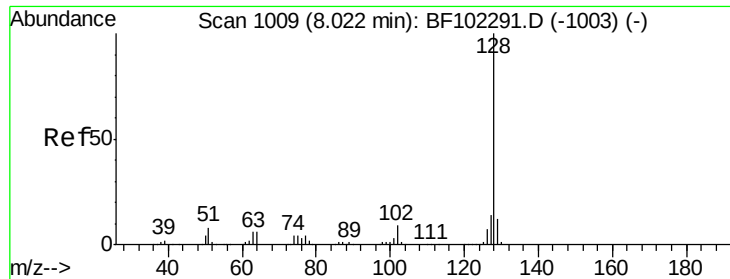
#30
 1,2,4-Trichlorobenzene
 Concen: 36.135 ng
 RT: 7.93 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion:	180	Resp:	455898
Ion Ratio	Lower	Upper	
180	100		
182	94.1	76.8	115.2
145	34.5	26.5	39.7



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





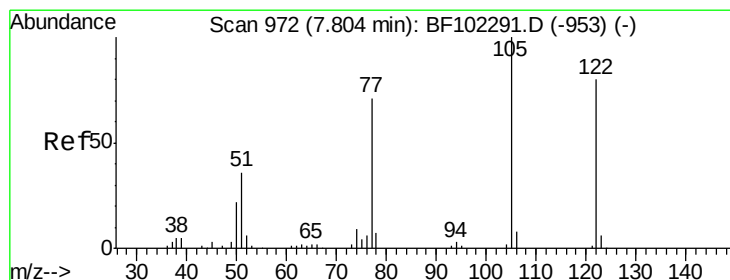
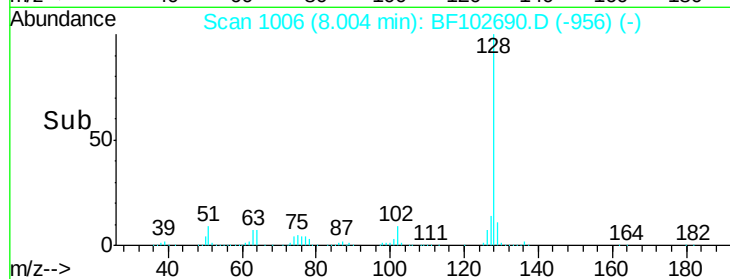
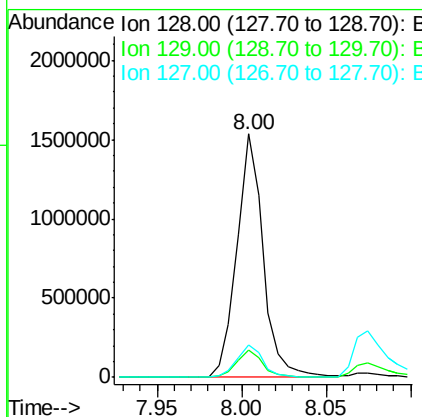
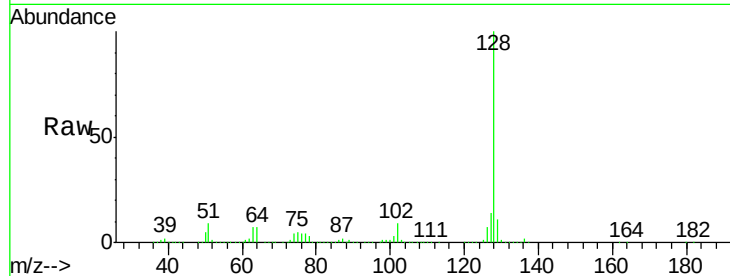
#31
Naphthalene
Concen: 39.407 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:128 Resp: 1670461
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.9 16.3

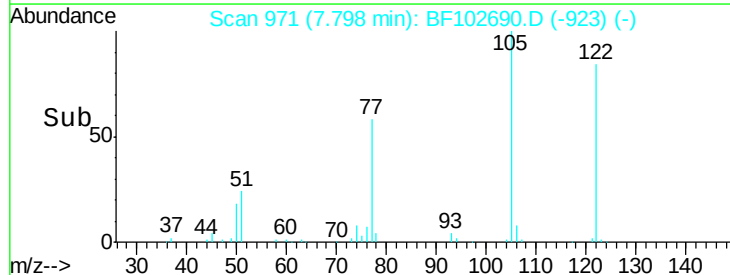
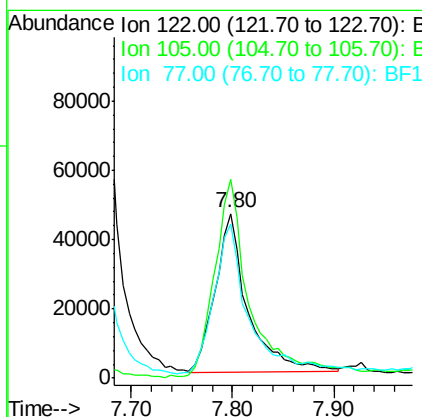
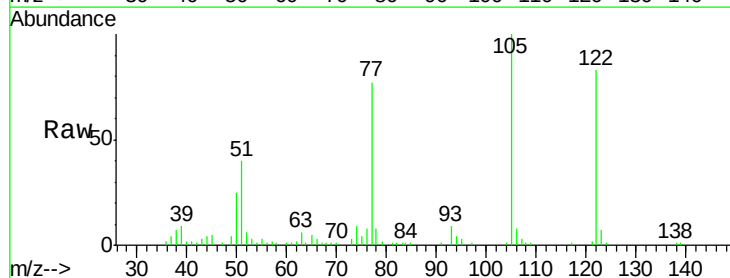
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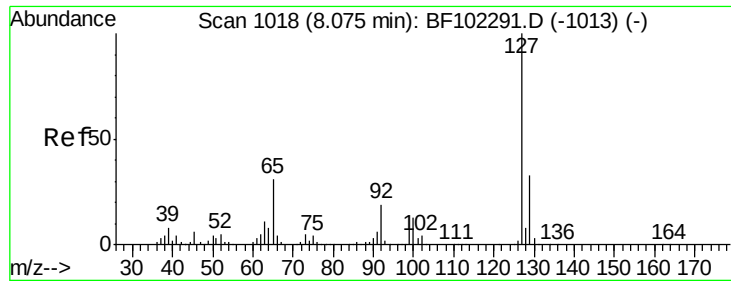
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#32
Benzoic acid
Concen: 10.633 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion:122 Resp: 102929
Ion Ratio Lower Upper
122 100
105 120.9 101.1 141.1
77 93.3 70.7 110.7





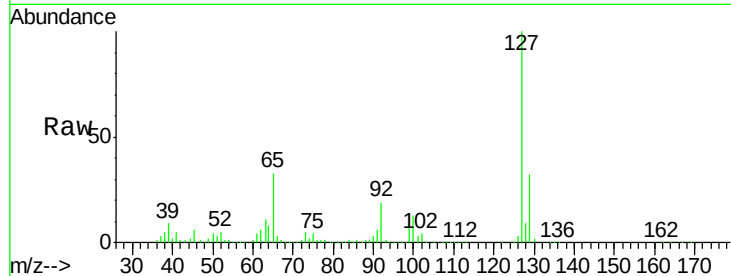
#33
4-Chloroaniline
Concen: 24.250 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

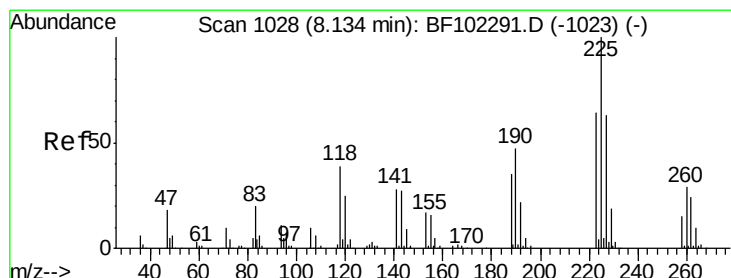
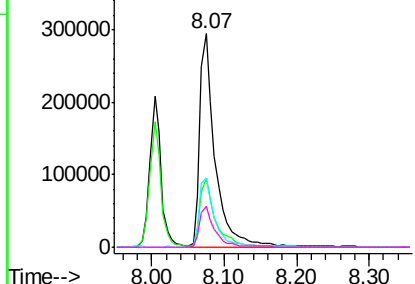
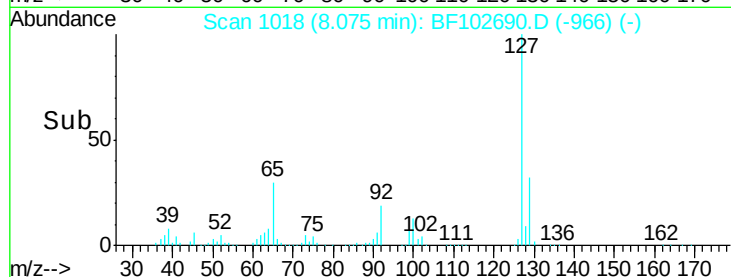
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		432259		
129	32.3	25.9		38.9	
65	32.6	25.0		37.4	
92	19.2	15.2		22.8	

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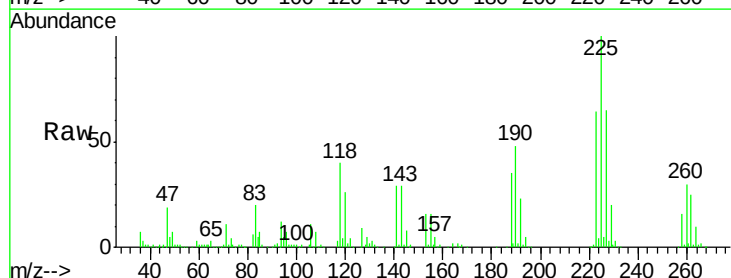


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

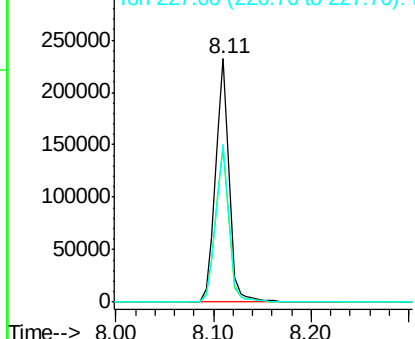
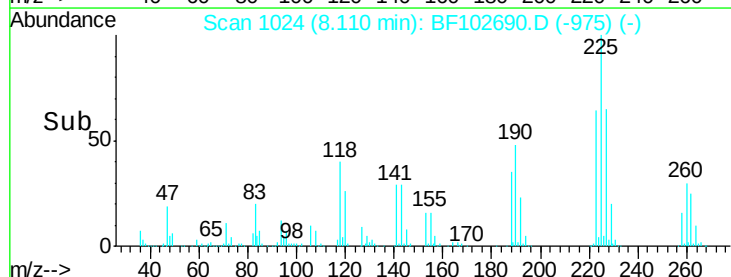


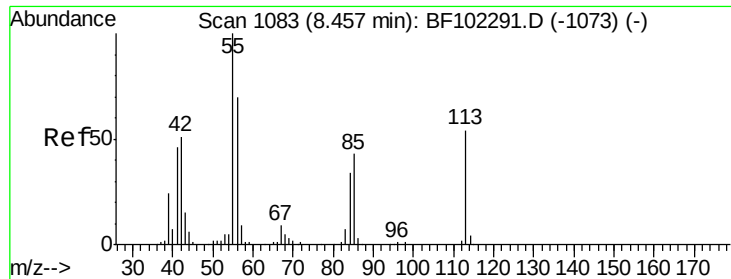
#34
Hexachlorobutadiene
Concen: 33.386 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		224972		
223	63.5	50.6		76.0	
227	64.8	51.9		77.9	



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





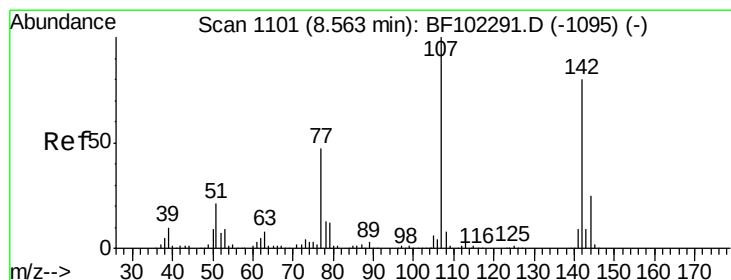
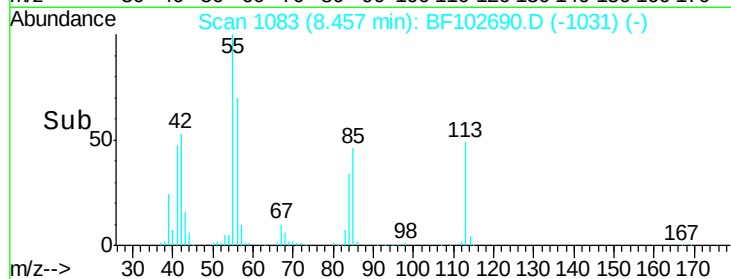
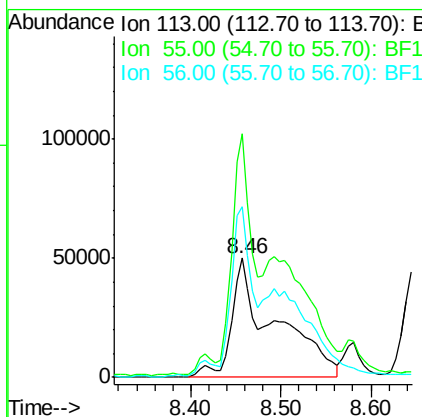
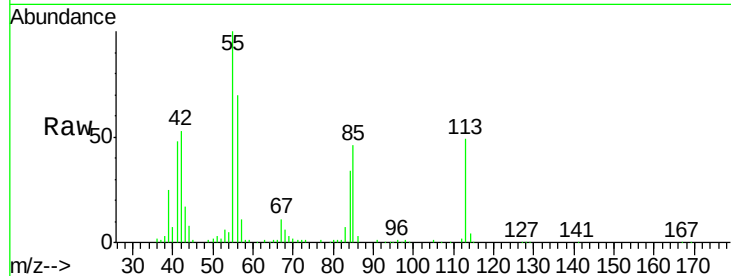
#35
 Caprolactam
 Concen: 43.218 ng/ml
 RT: 8.46 min Scan# 1083
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:113 Resp: 167991
 Ion Ratio Lower Upper
 113 100
 55 204.9 163.3 203.3#
 56 143.8 115.7 155.7

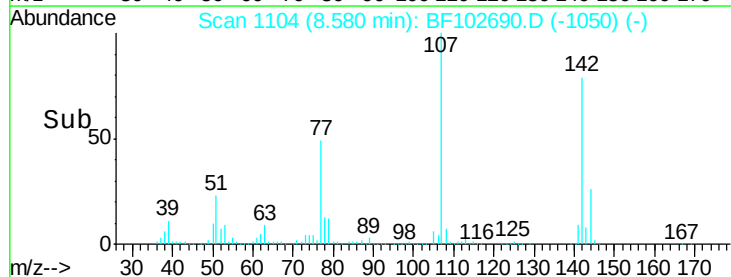
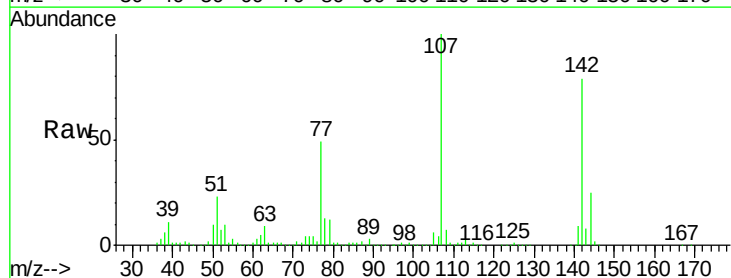
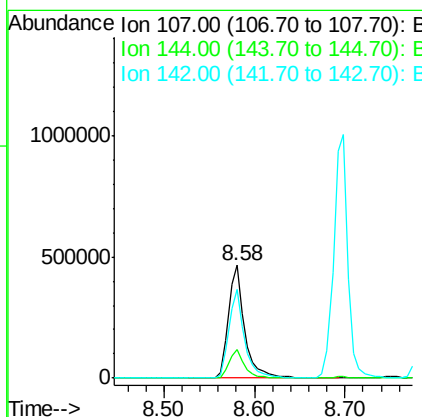
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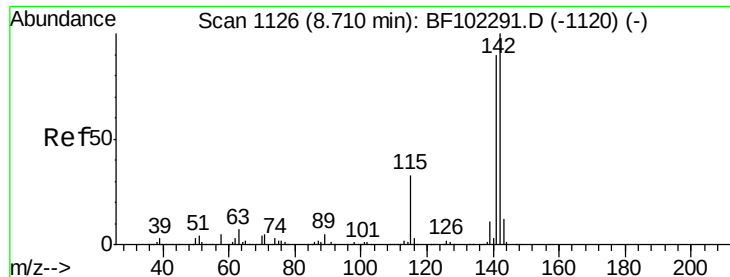
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#36
 4-Chloro-3-methylphenol
 Concen: 46.277 ng/ml
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.02 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion:107 Resp: 574115
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.5 30.7
 142 79.2 62.0 93.0





#37

2-Methylnaphthalene

Concen: 38.550 ng

RT: 8.70 min Scan# 1124

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:142 Resp: 1088270

Ion Ratio Lower Upper

142 100

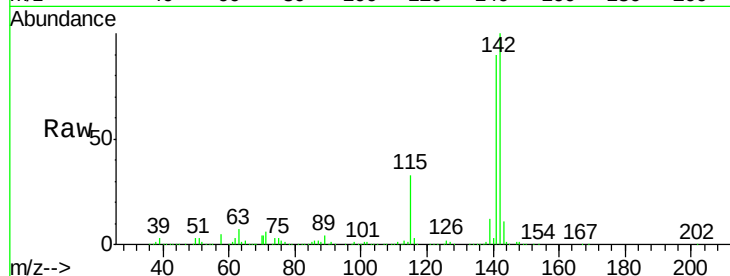
141 90.3 70.8 106.2

115 33.2 26.1 39.1

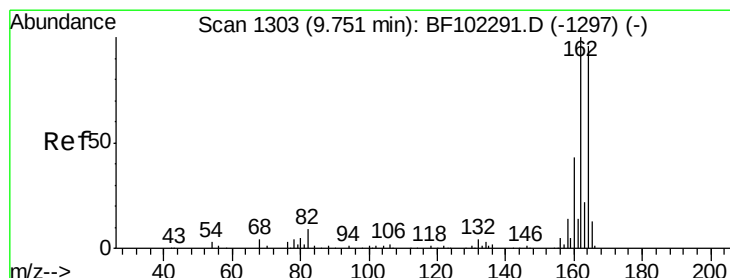
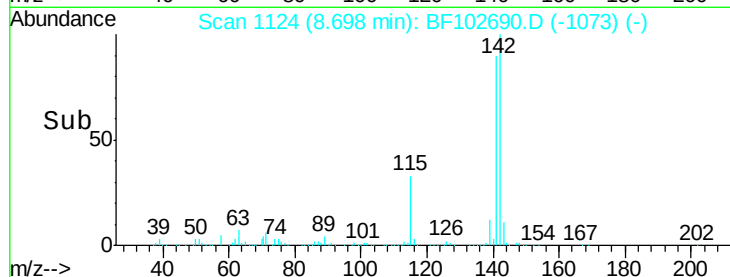
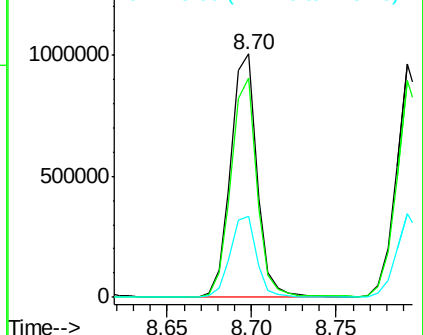
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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

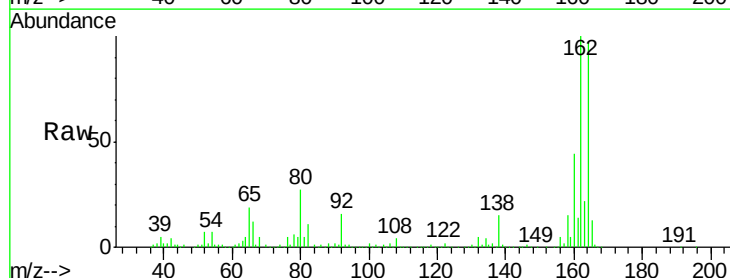
Tgt Ion:164 Resp: 372097

Ion Ratio Lower Upper

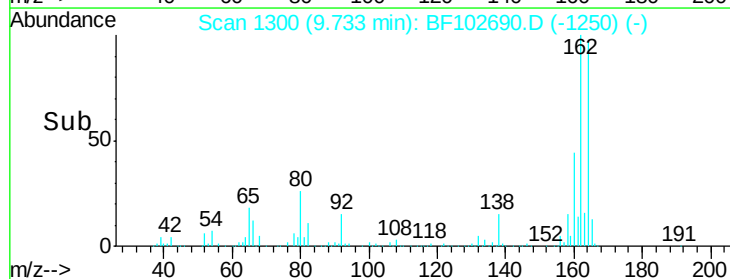
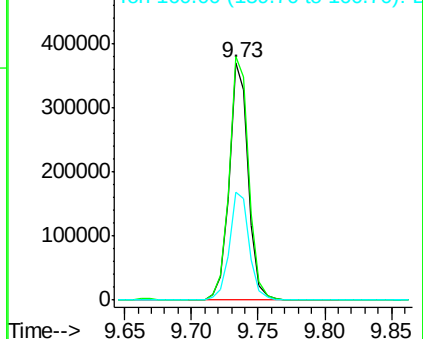
164 100

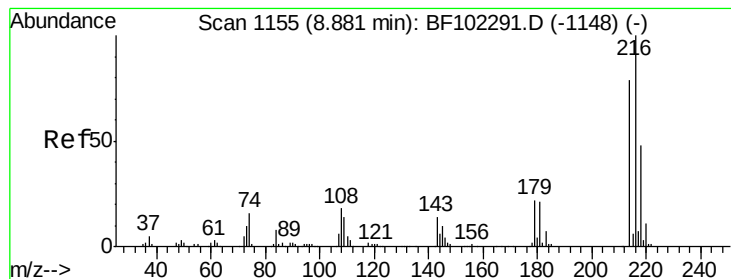
162 102.6 86.1 129.1

160 45.4 38.3 57.5



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.924 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

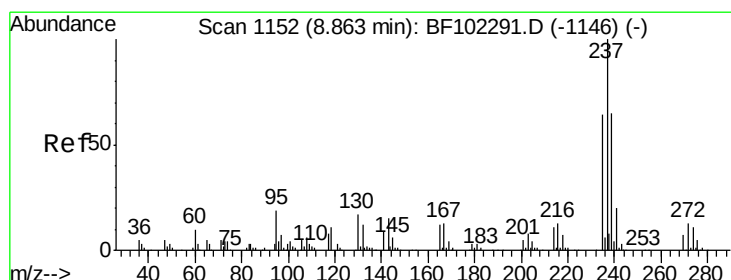
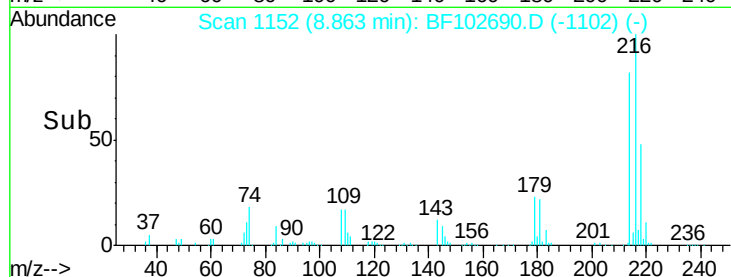
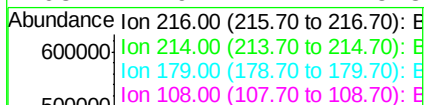
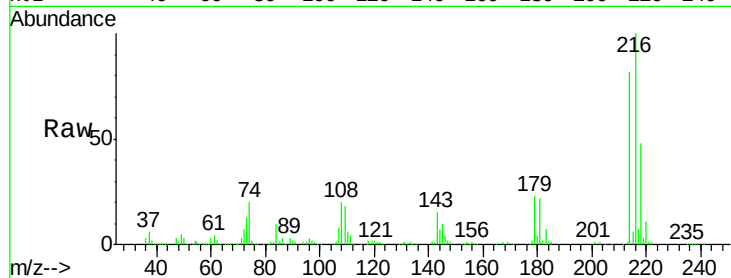
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Resp	Lower	Upper
216	100	413357		
214	79.3	63.0	94.4	
179	22.9	18.1	27.1	
108	24.9	17.2	25.8	

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#40

Hexachlorocyclopentadiene

Concen: 44.413 ng

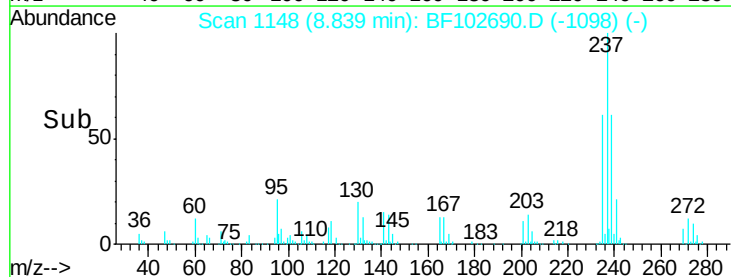
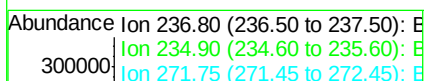
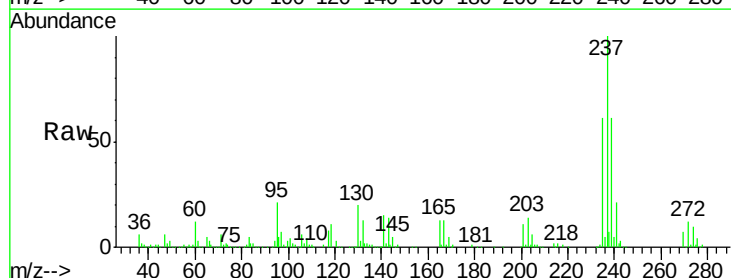
RT: 8.84 min Scan# 1148

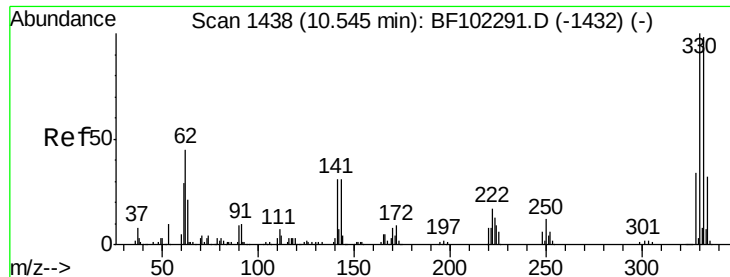
Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	222508		
235	60.9	44.8	84.8	
272	12.5	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 92.291 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

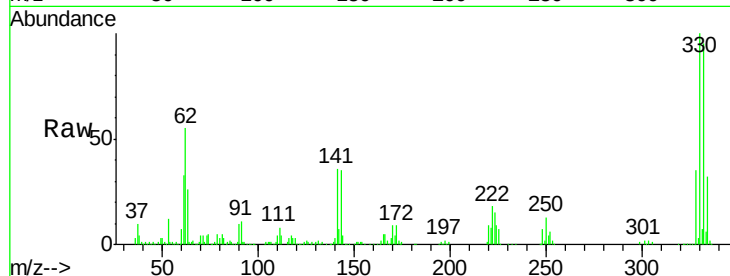
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

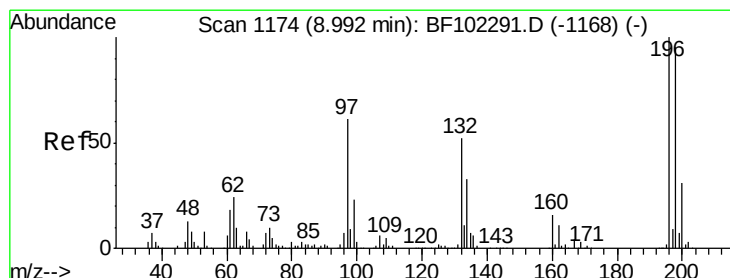
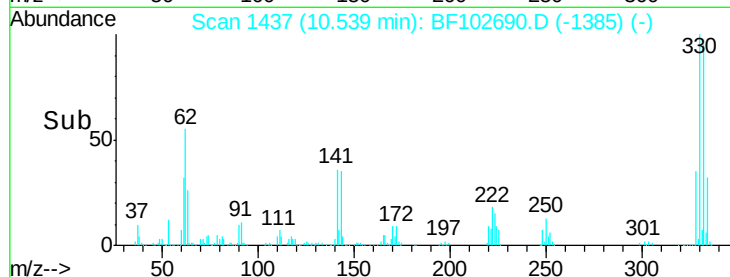
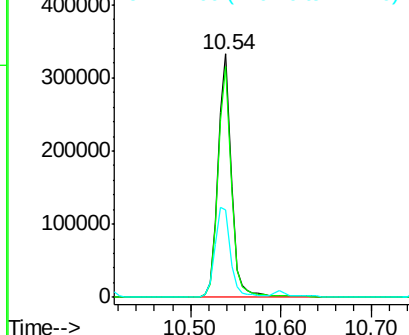
Tot Ion:	330	Resp:	340273
Ion Ratio	Lower	Upper	
330	100		
332	94.0	77.0	115.6
141	42.3	29.9	44.9

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



#42

2,4,6-Trichlorophenol

Concen: 39.583 ng

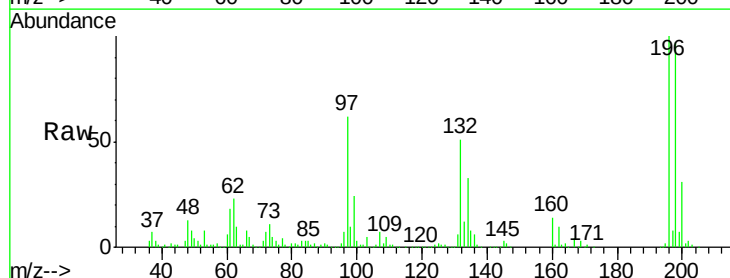
RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

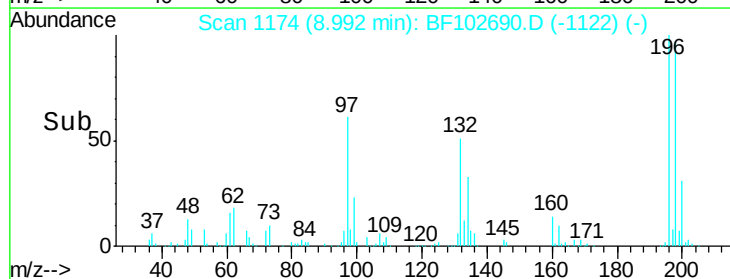
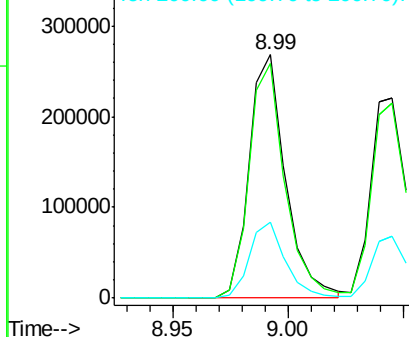
Lab File: BF102690.D

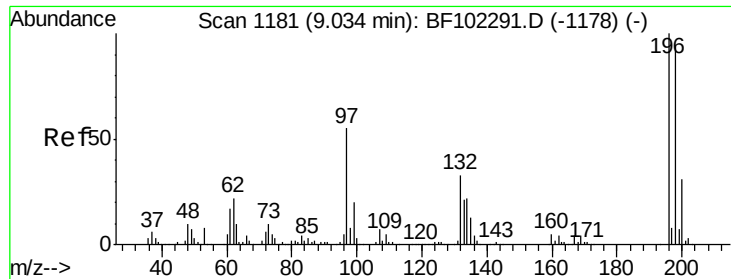
Acq: 1 Feb 2018 17:06

Tgt Ion:	196	Resp:	296640
Ion Ratio	Lower	Upper	
196	100		
198	96.5	75.7	113.5
200	31.4	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





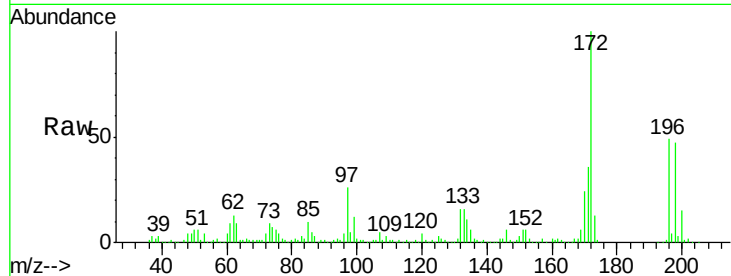
#43
 2,4,5-Trichlorophenol
 Concen: 34.177 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

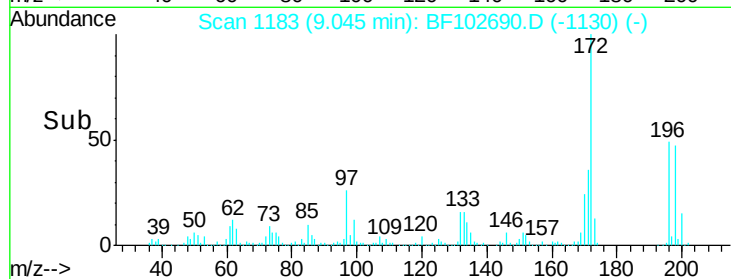
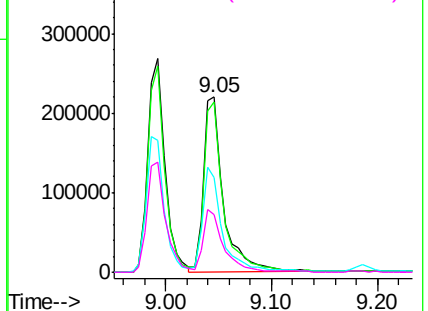
Tot Ion:	196	Resp:	288380
Ion Ratio	Lower	Upper	
196	100		
198	97.4	74.6	112.0
97	54.4	42.9	64.3
132	33.1	26.3	39.5

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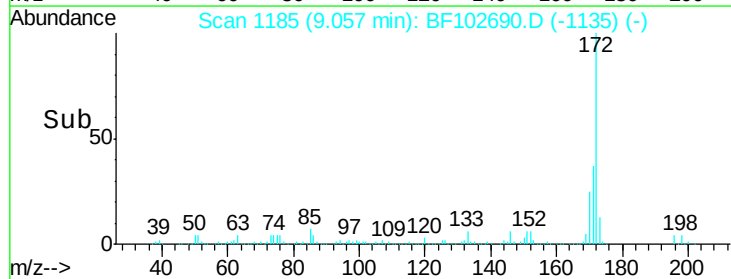
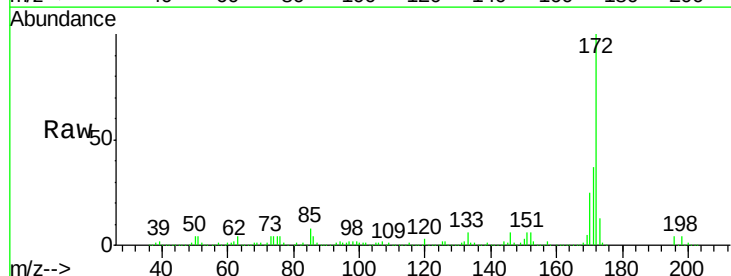
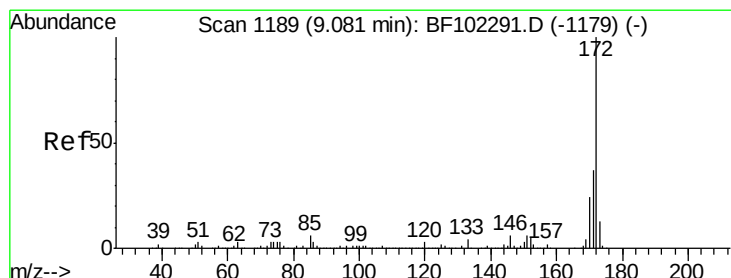
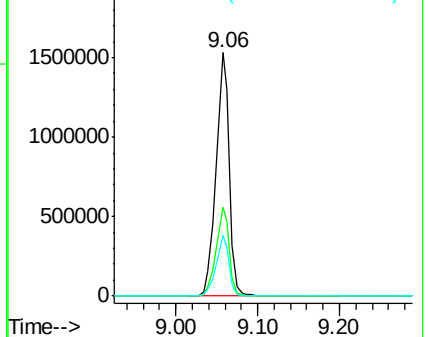
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

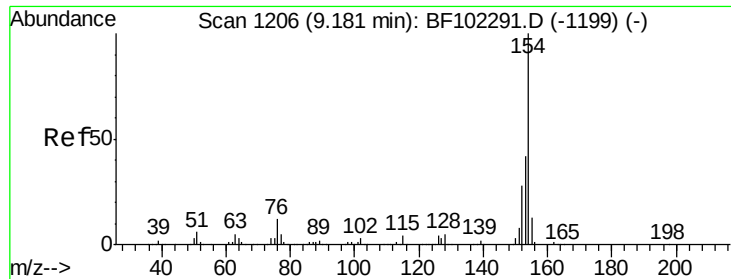


#44
 2-Fluorobiphenyl
 Concen: 68.526 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion:	172	Resp:	1734172
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.7	44.5
170	24.6	19.6	29.4

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





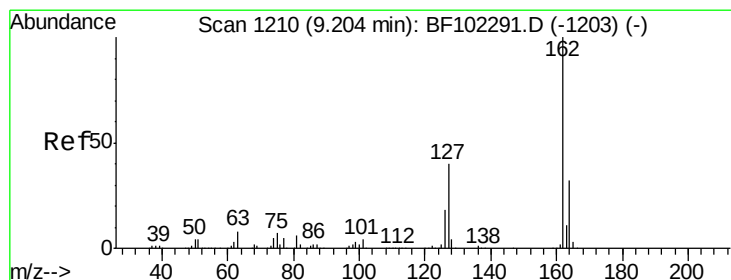
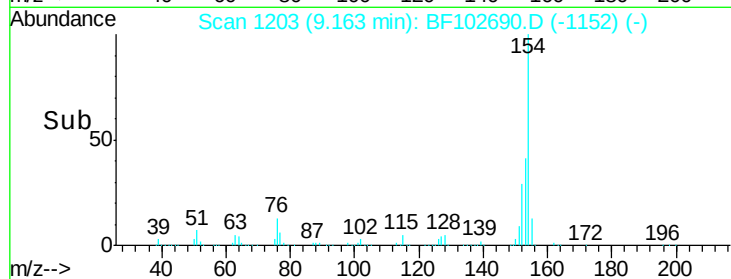
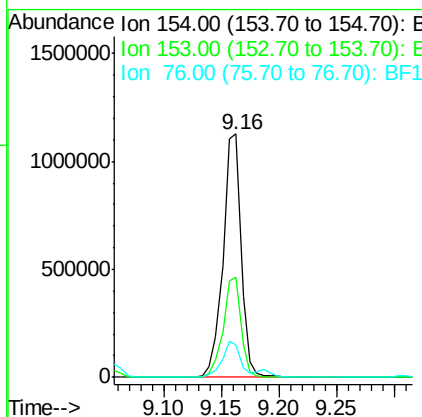
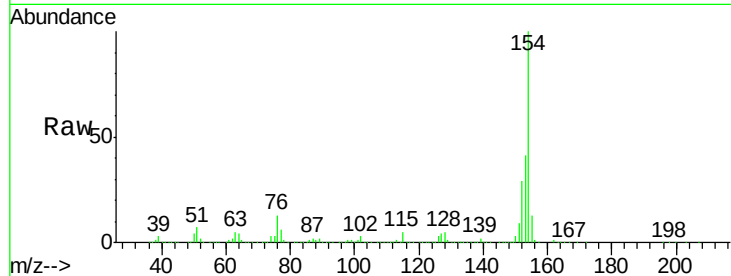
#45
 1,1'-Biphenyl
 Concen: 37.102 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.4	21.3	61.3
76	13.4	0.0	34.0

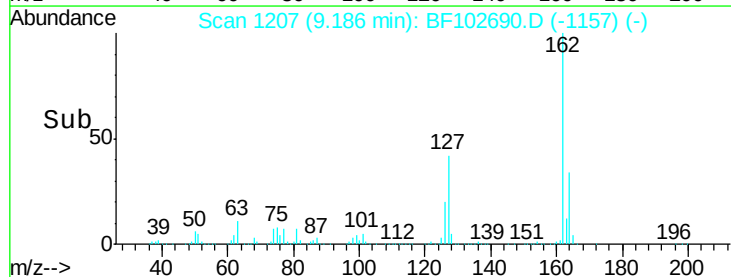
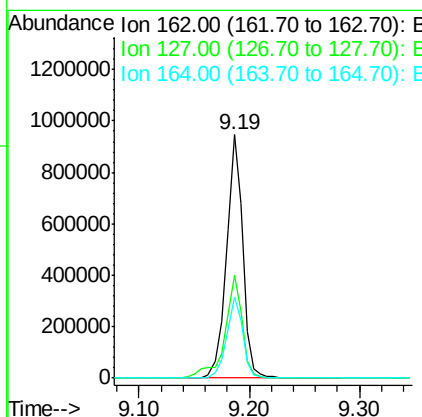
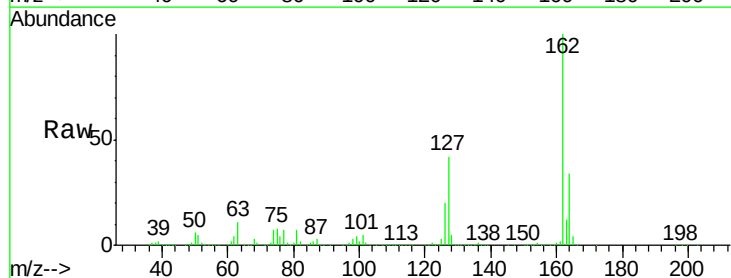
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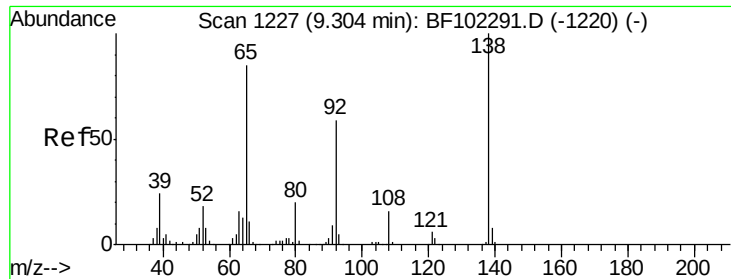
Sohil
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#46
 2-Chloronaphthalene
 Concen: 37.789 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.2	33.9	50.9
164	33.5	26.5	39.7





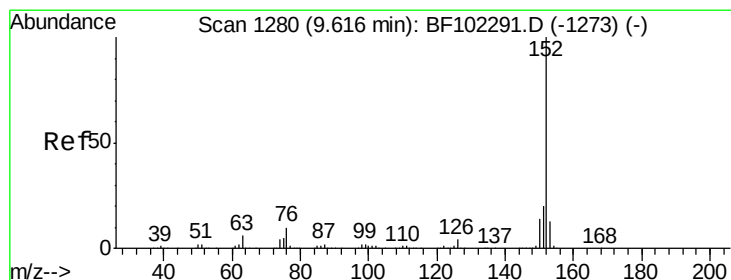
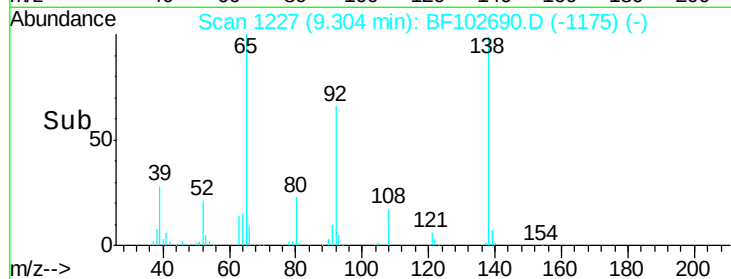
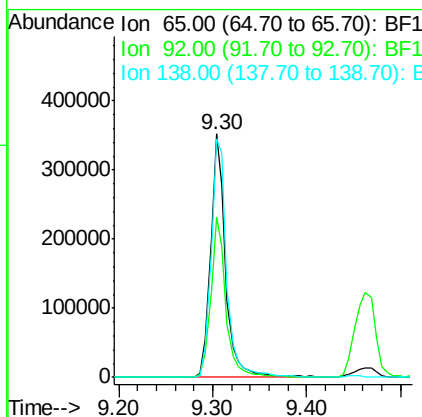
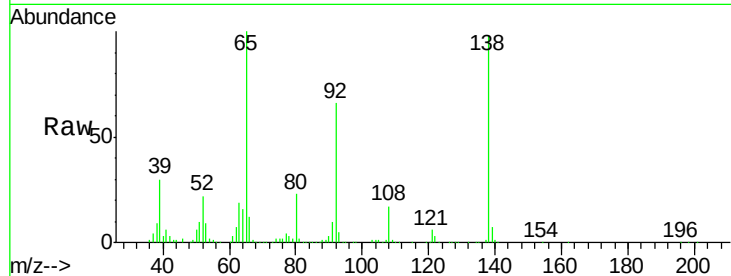
#47
2-Nitroaniline
Concen: 49.583 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Resp	Lower	Upper
65	100	399775		
92	65.7	55.8	83.6	
138	98.1	91.2	136.8	

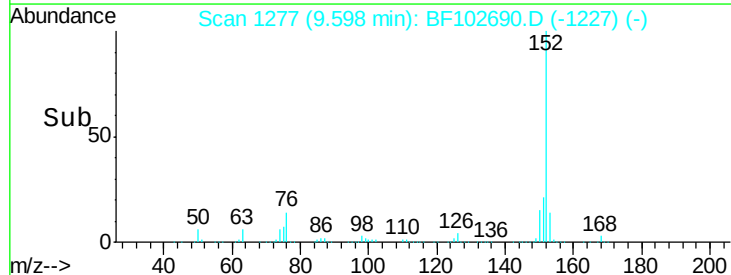
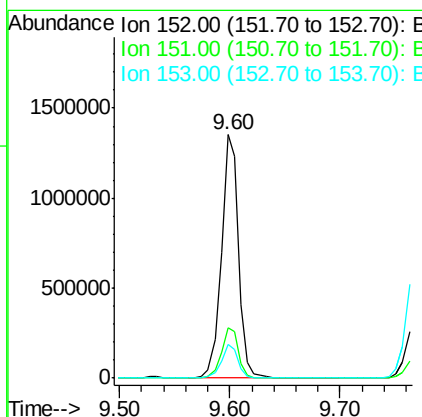
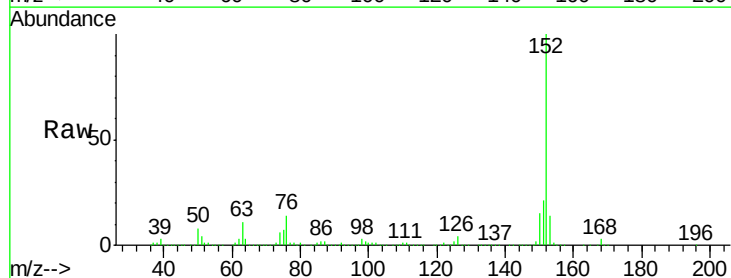
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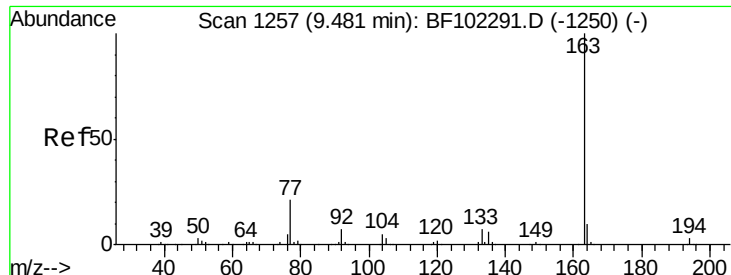
Sohil
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#48
Acenaphthylene
Concen: 35.994 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	1450205		
151	20.8	16.3	24.5	
153	13.6	10.7	16.1	





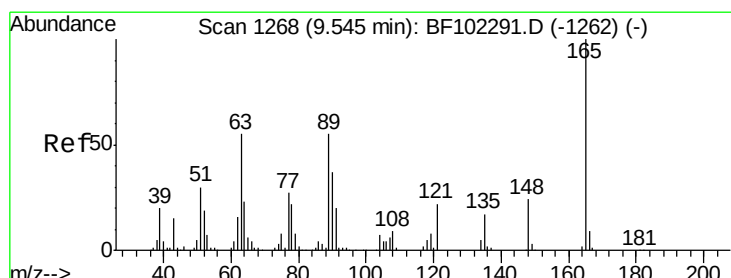
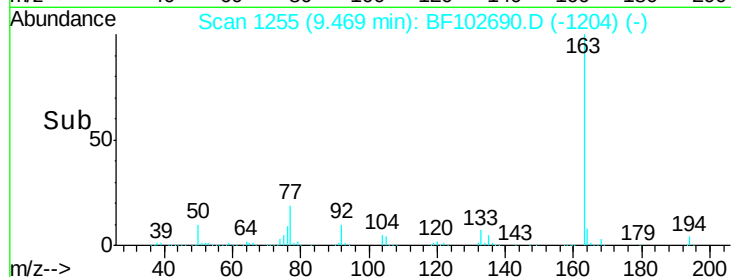
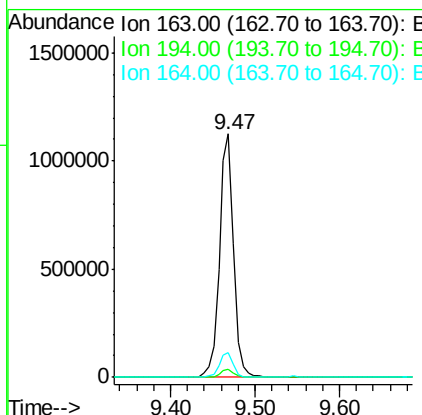
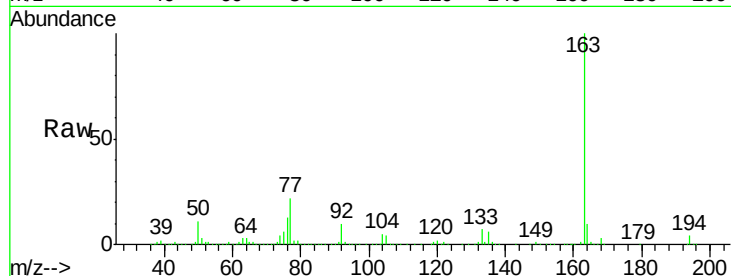
#49
Dimethylphthalate
Concen: 42.804 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.7	4.1
164	10.3	8.2	12.2

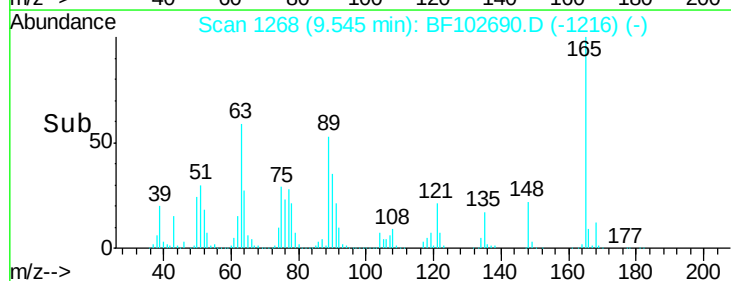
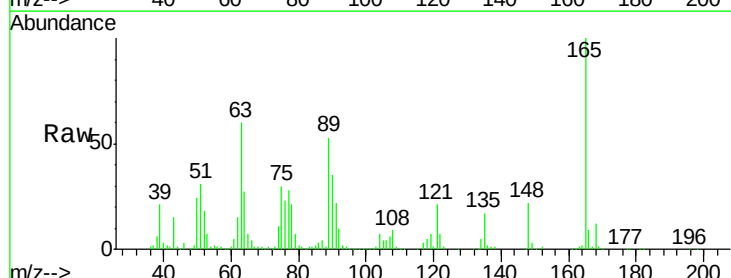
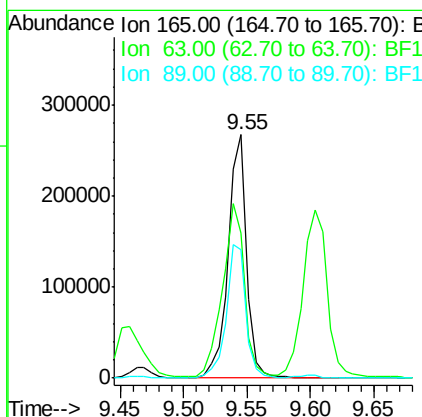
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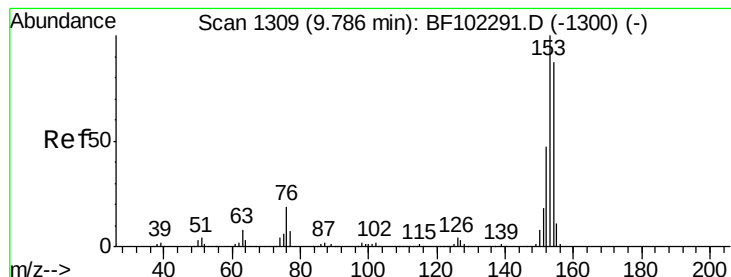
Sohil
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#50
2,6-Dinitrotoluene
Concen: 40.386 ng
RT: 9.55 min Scan# 1268
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	59.6	44.7	67.1
89	52.8	44.0	66.0





#51

Acenaphthene

Concen: 37.019 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

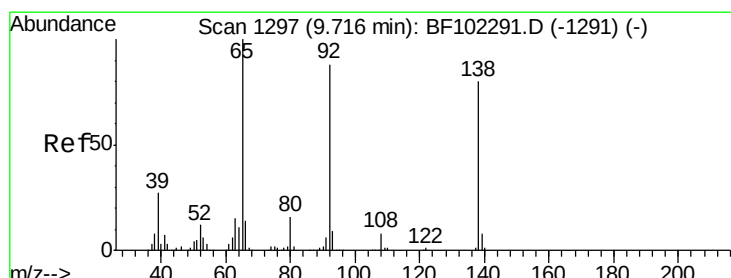
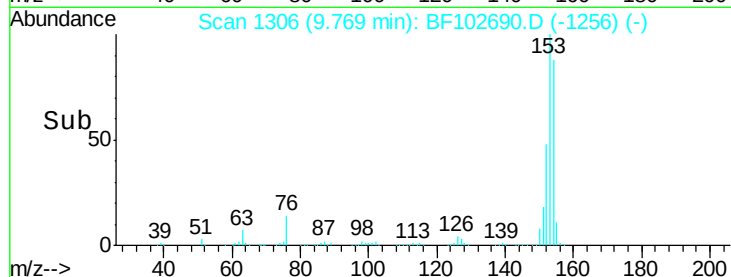
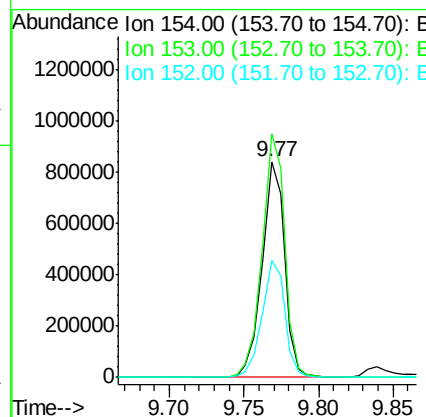
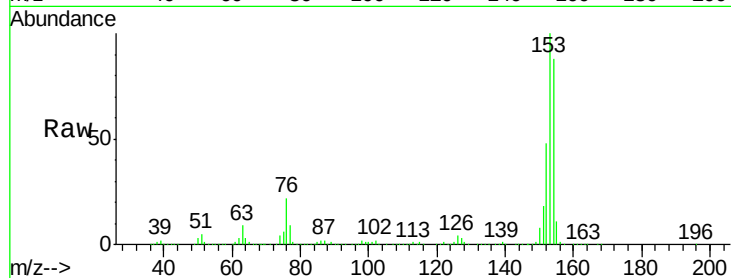
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:	154	Resp:	871084
Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	54.1	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.330 ng

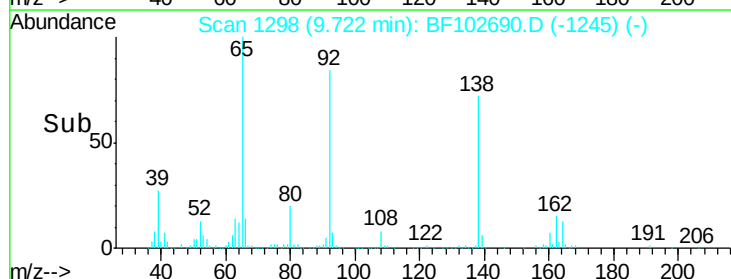
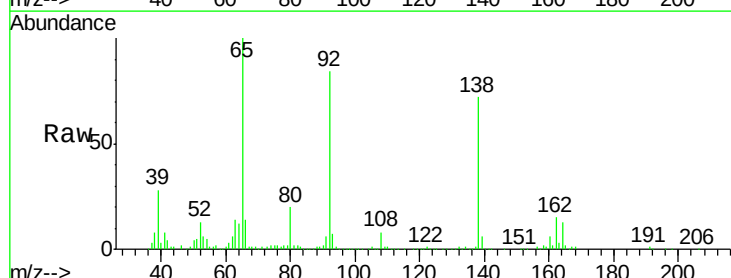
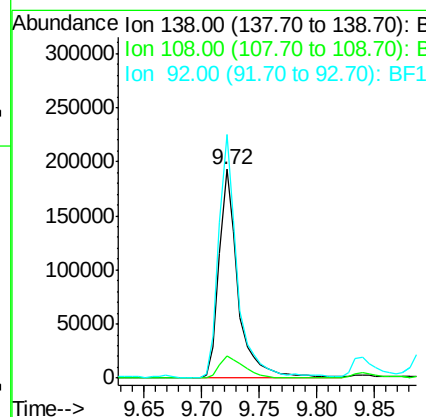
RT: 9.72 min Scan# 1298

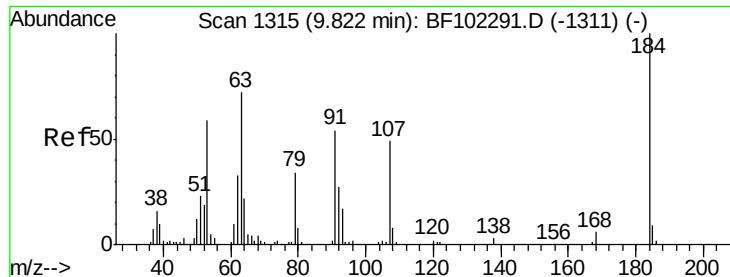
Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tgt Ion:	138	Resp:	222231
Ion	Ratio	Lower	Upper
138	100		
108	10.7	9.4	14.0
92	116.7	89.4	134.2





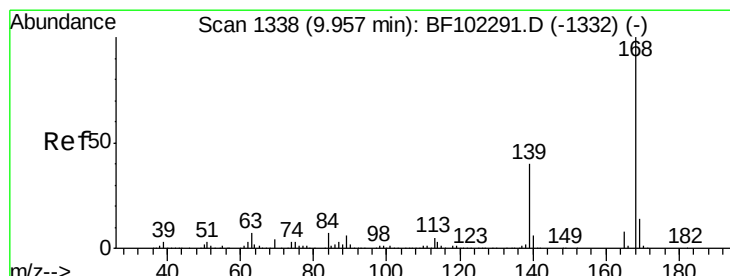
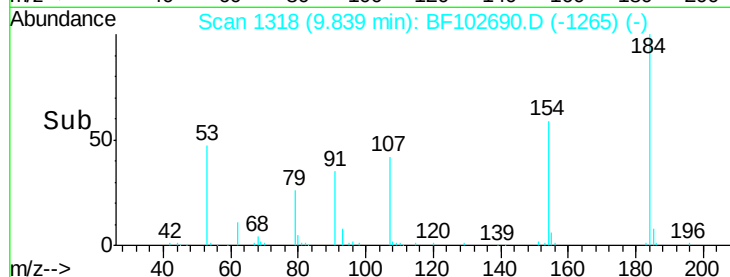
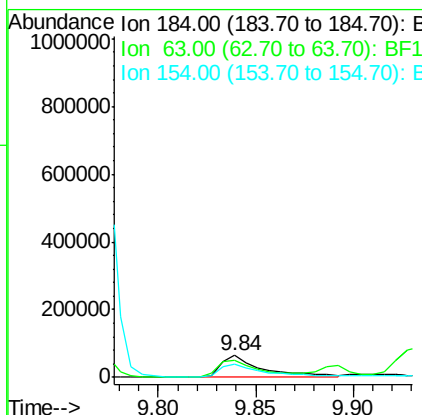
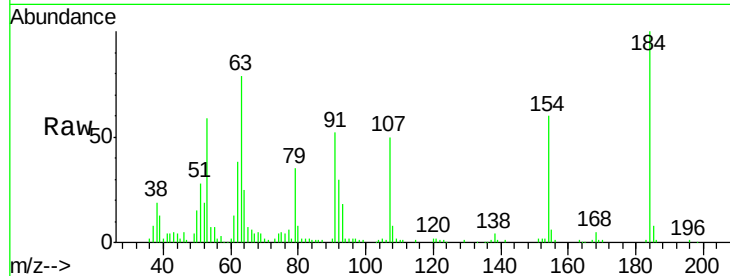
#53
2,4-Dinitrophenol
Concen: 34.828 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
184	100		
63	79.1	54.2	81.2
154	60.0	184.0	276.0#

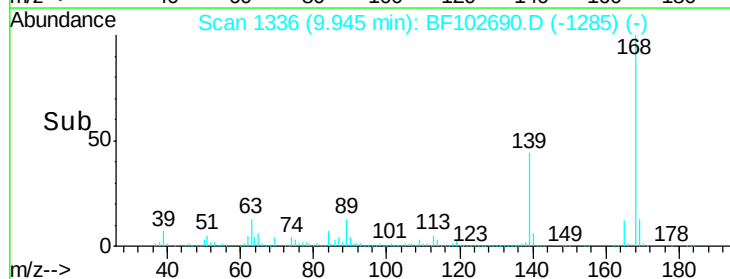
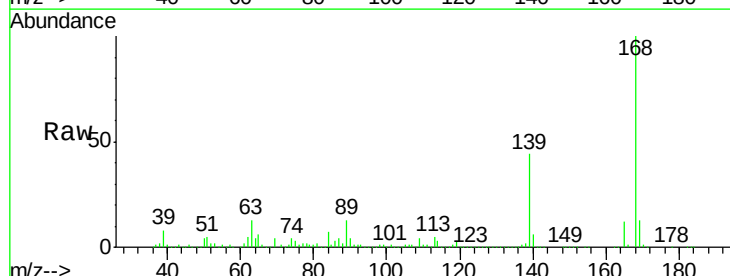
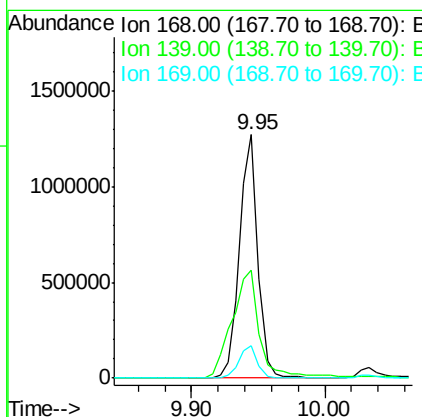
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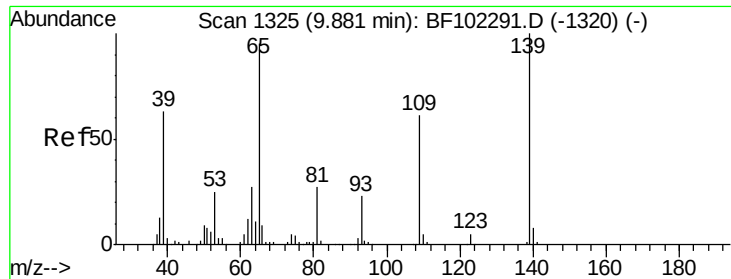
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#54
Dibenzofuran
Concen: 38.218 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
168	100		
139	44.1	30.1	45.1
169	13.4	10.9	16.3





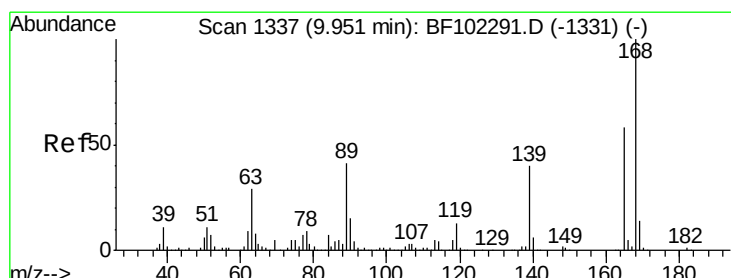
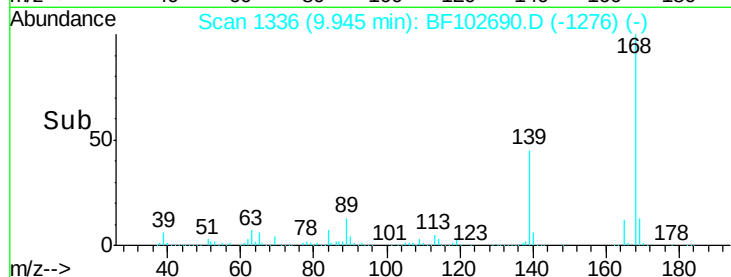
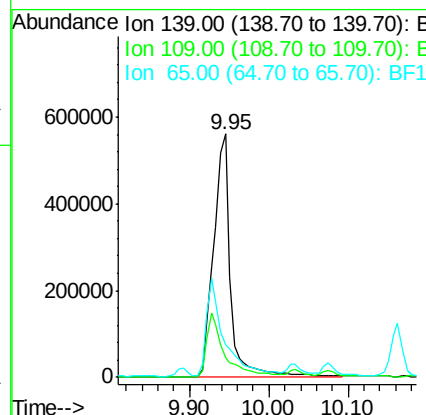
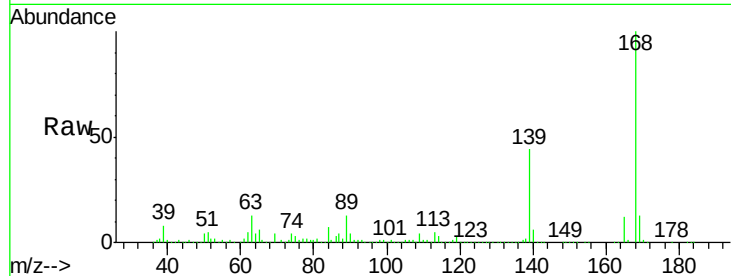
#55
4-Nitrophenol
Concen: 164.109 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.05 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Resp	Lower	Upper
139	100	849776		
109	8.0	48.4	88.4#	
65	13.3	72.6	112.6#	

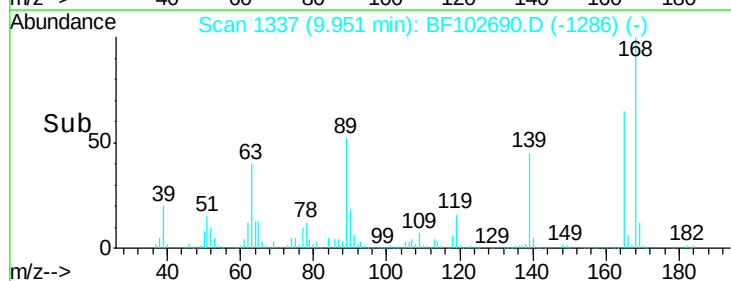
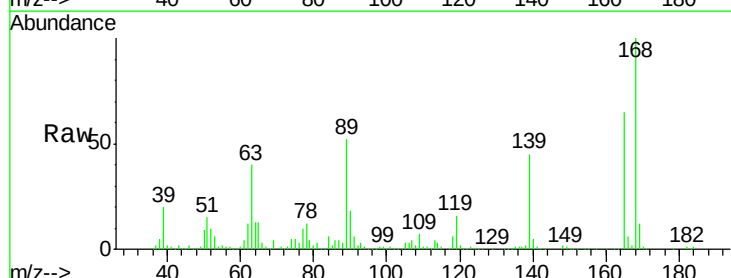
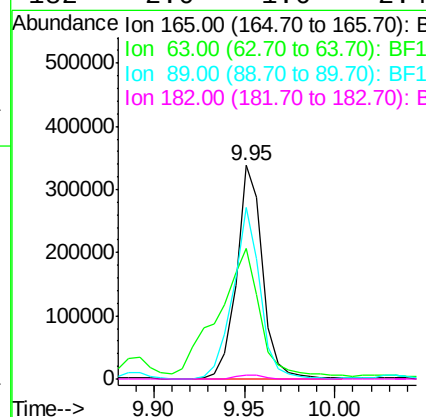
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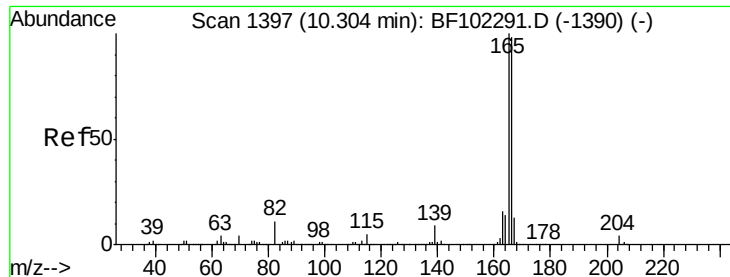
Sohil
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#56
2,4-Dinitrotoluene
Concen: 41.291 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	336701		
63	61.4	36.4	54.6#	
89	80.1	57.8	86.6	
182	2.0	1.6	2.4	





#57

Fluorene

Concen: 39.054 ng

RT: 10.29 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

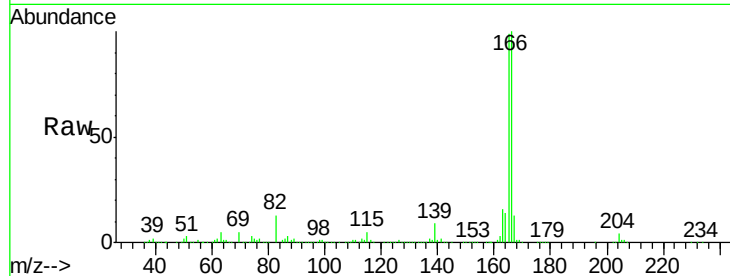
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

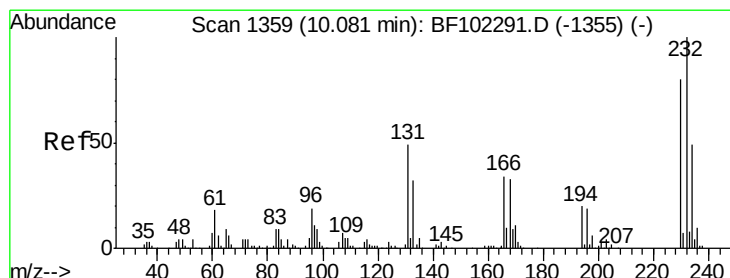
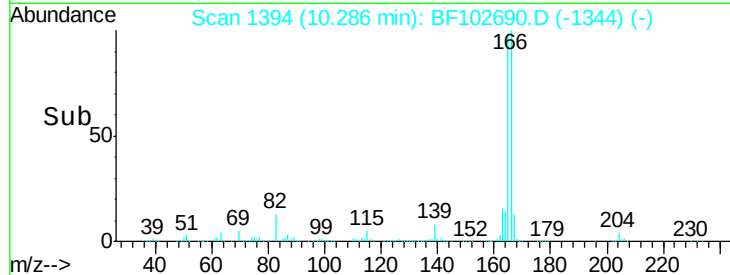
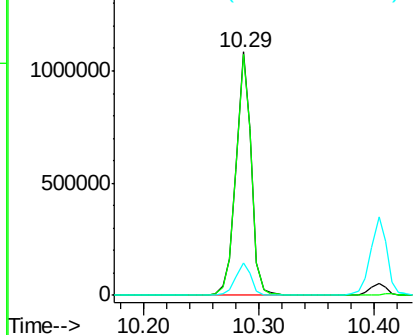
Tot Ion:	166	Resp:	985518
Ion Ratio	Lower	Upper	
166	100		
165	99.2	79.8	119.8
167	13.1	10.6	16.0

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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: 40.389 ng

RT: 10.07 min Scan# 1358

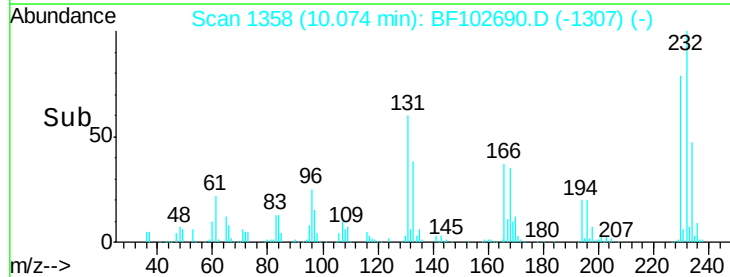
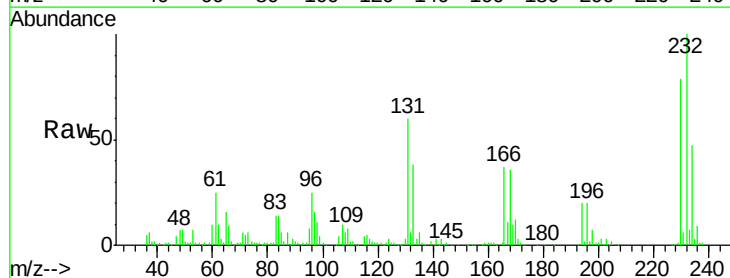
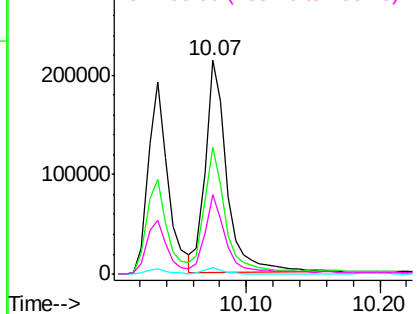
Delta R.T. 0.00 min

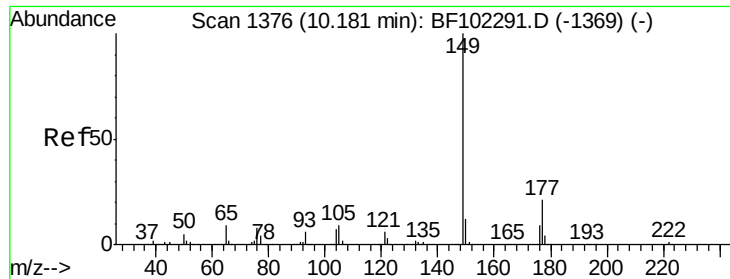
Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tgt Ion:	232	Resp:	243332
Ion Ratio	Lower	Upper	
232	100		
131	55.6	43.8	65.8
130	3.0	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: 38.757 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:149 Resp: 1158342

Ion Ratio Lower Upper

149 100

177 20.4 16.1 24.1

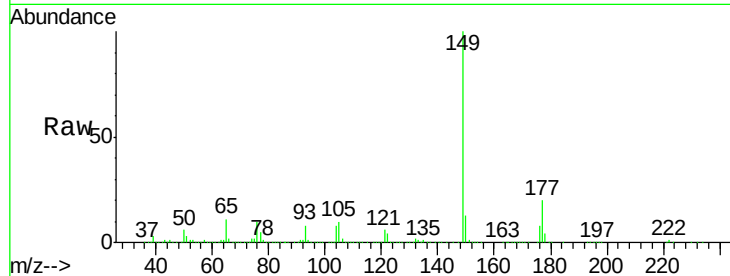
150 12.5 10.1 15.1

Manual Integrations

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Sohil

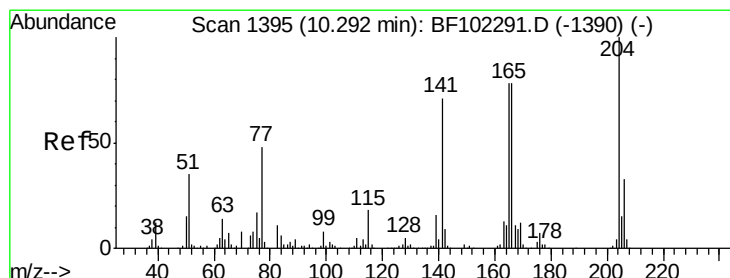
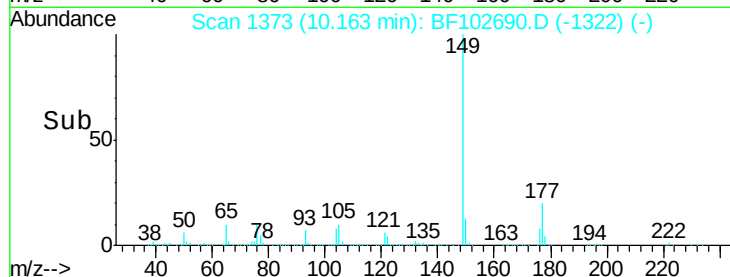
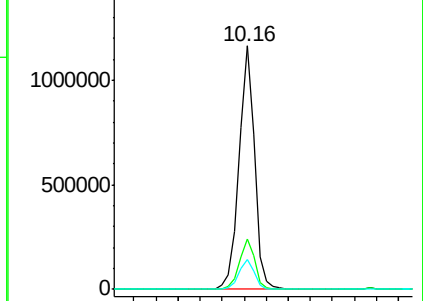
2/2/2018 9:52:48 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 38.557 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

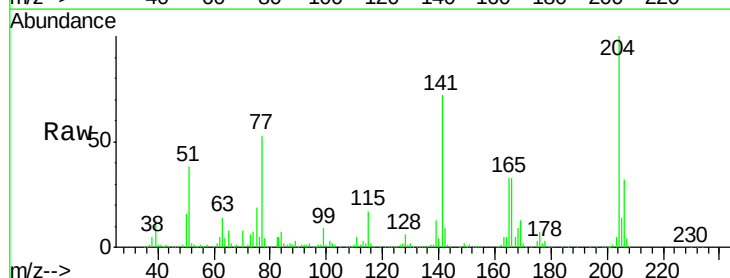
Tgt Ion:204 Resp: 421841

Ion Ratio Lower Upper

204 100

206 32.4 26.5 39.7

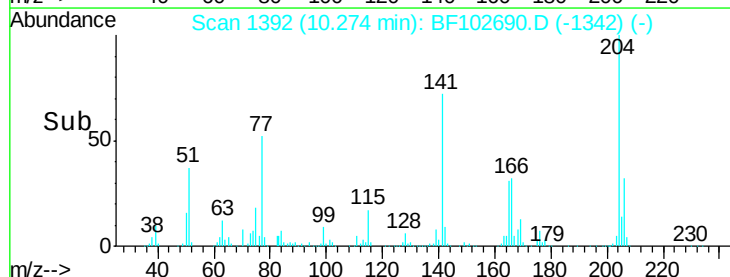
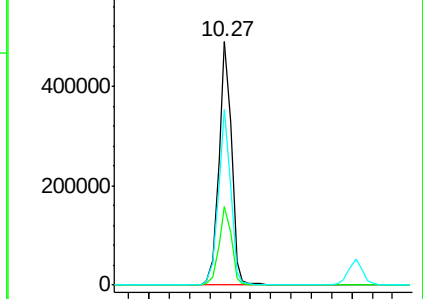
141 72.3 54.6 81.8

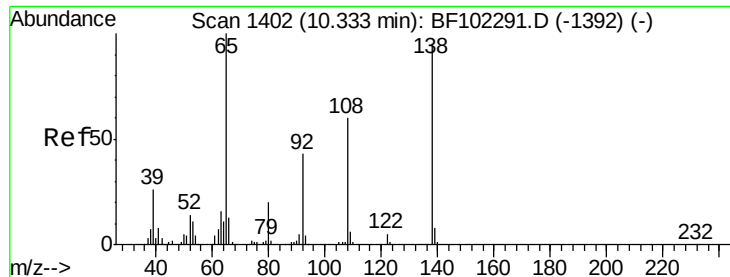


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





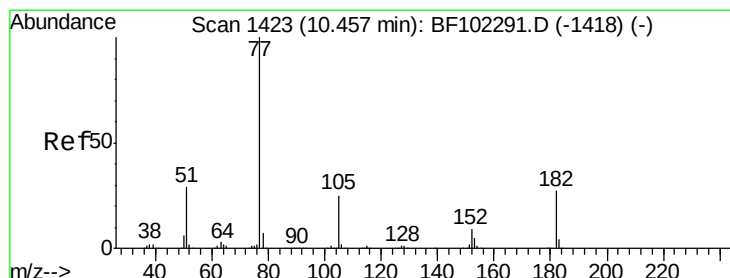
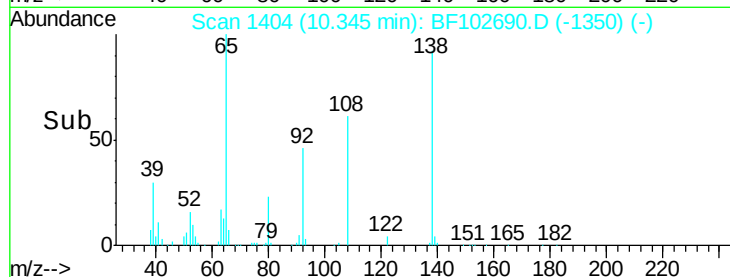
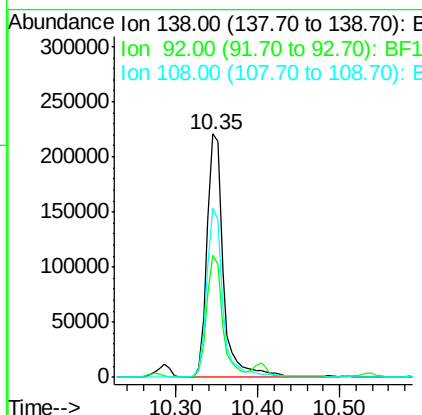
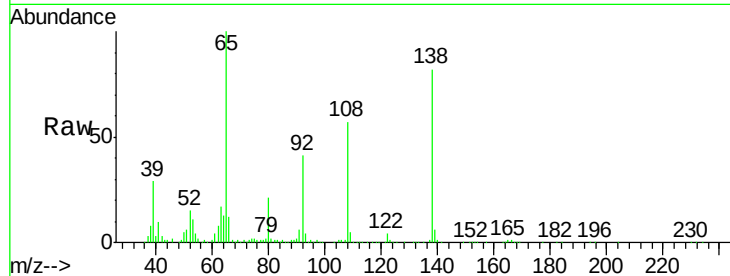
#61
4-Nitroaniline
Concen: 39.308 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.02 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.2	30.2	70.2
108	69.5	52.5	92.5

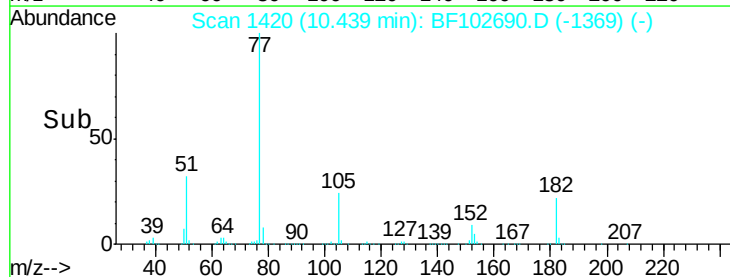
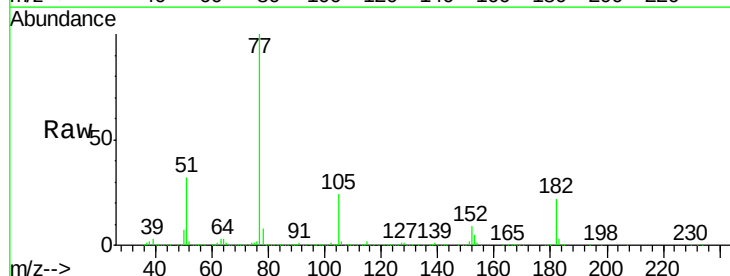
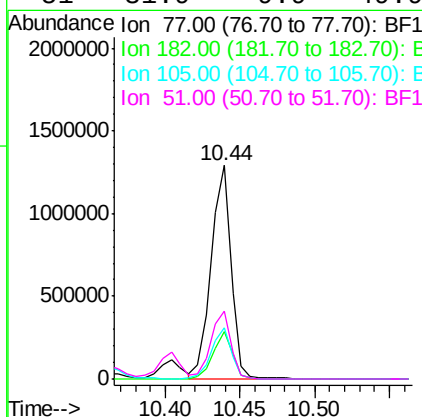
Manual Integrations
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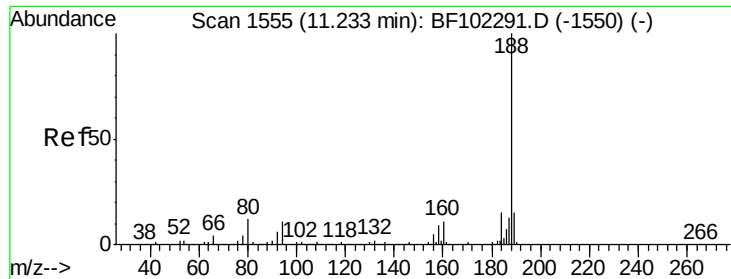
Sohil
2/2/2018 9:52:48 AM



#62
Azobenzene
Concen: 43.576 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.9	1.7	41.7
105	24.1	3.0	43.0
51	31.9	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

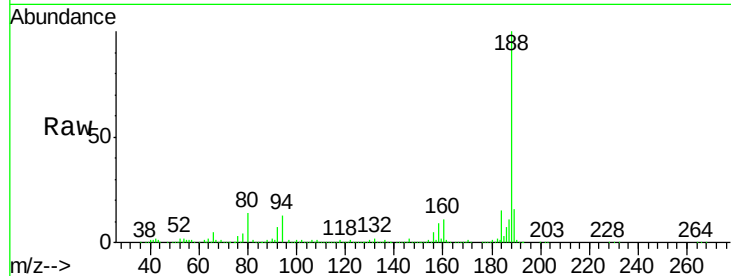
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:188	Resp:	652050
Ion Ratio	Lower	Upper
188 100		
94 12.9	8.5	12.7#
80 13.9	9.2	13.8#

Manual Integrations
APPROVED

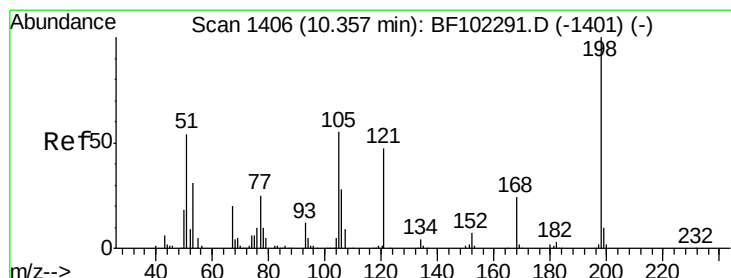
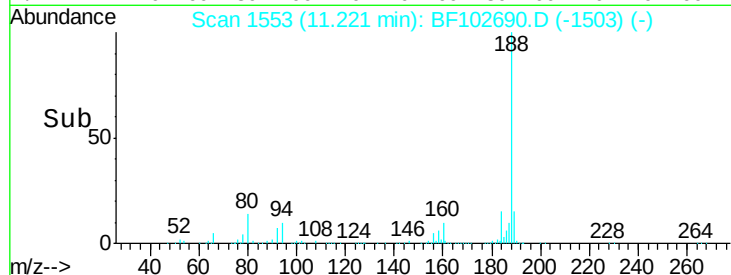
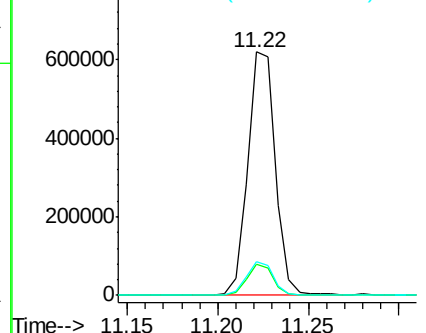
Sohil
2/2/2018 9:52:48 AM



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 30.787 ng

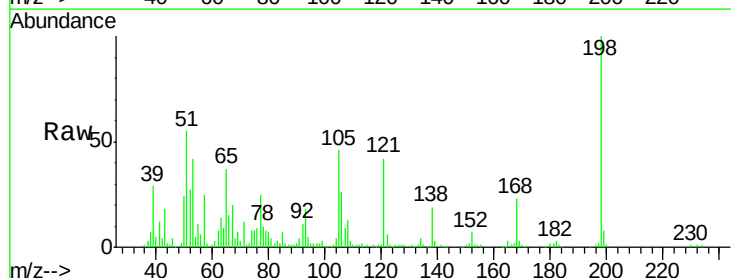
RT: 10.37 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

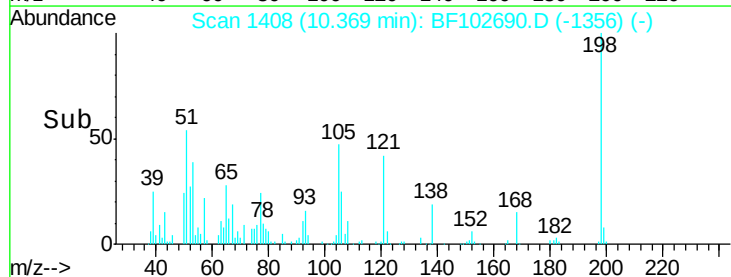
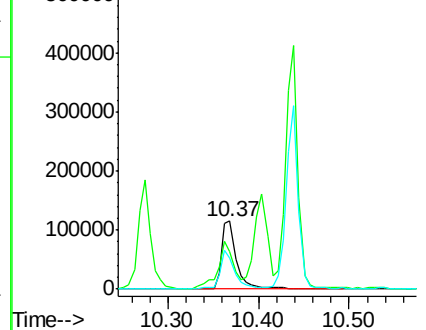
Tgt Ion:198	Resp:	133932
Ion Ratio	Lower	Upper
198 100		
51 54.6	37.7	77.7
105 46.4	36.3	76.3

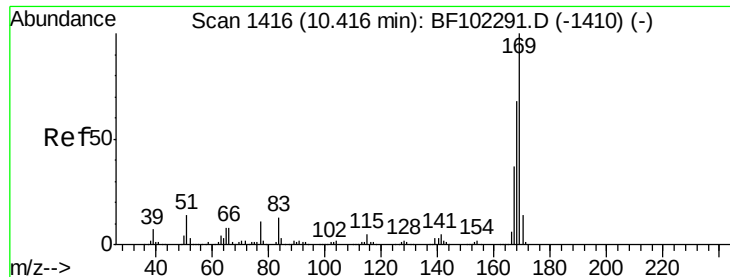


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 38.418 ng

RT: 10.40 min Scan# 1414

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:169 Resp: 919445

Ion Ratio Lower Upper

169 100

168 69.7 54.4 81.6

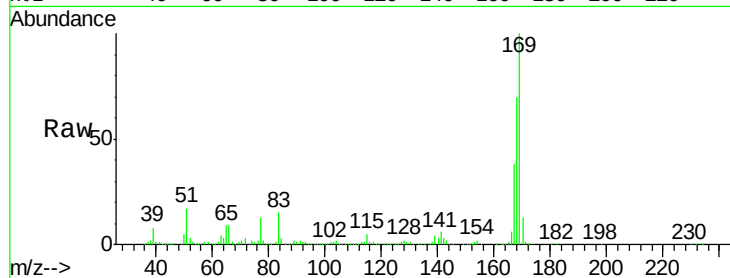
167 37.7 29.8 44.6

Manual Integrations

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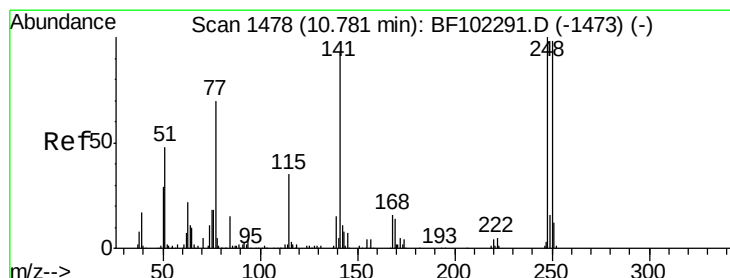
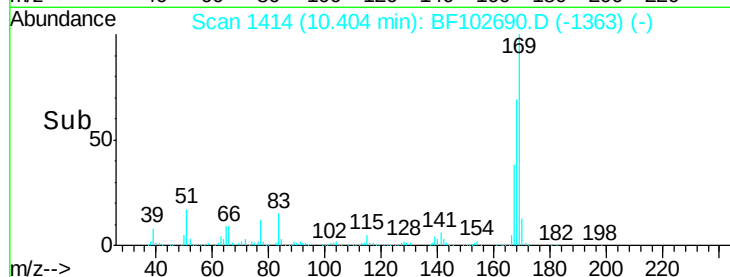
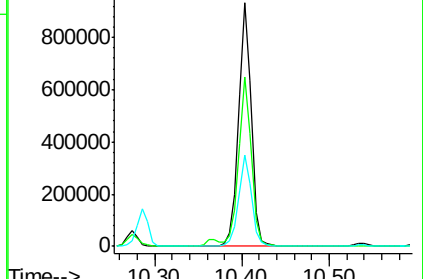
2/2/2018 9:52:48 AM



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 36.562 ng

RT: 10.76 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

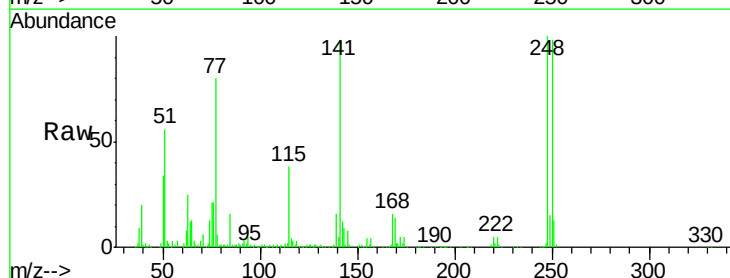
Tgt Ion:248 Resp: 256642

Ion Ratio Lower Upper

248 100

250 97.8 76.9 115.3

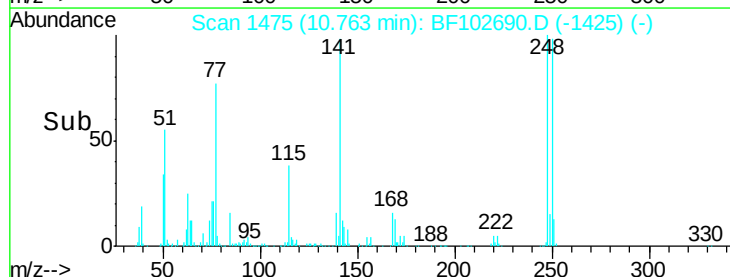
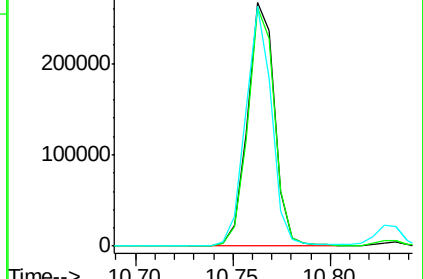
141 98.4 74.4 111.6

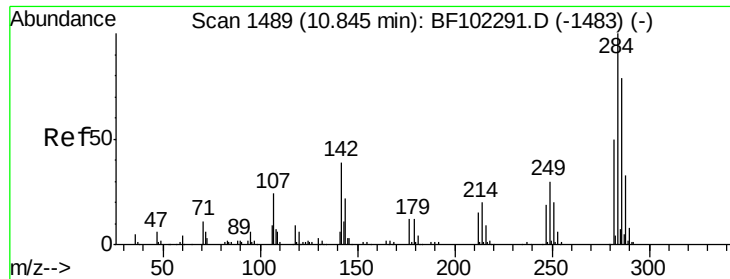


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 32.688 ng

RT: 10.83 min Scan# 1487

Delta R.T. -0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

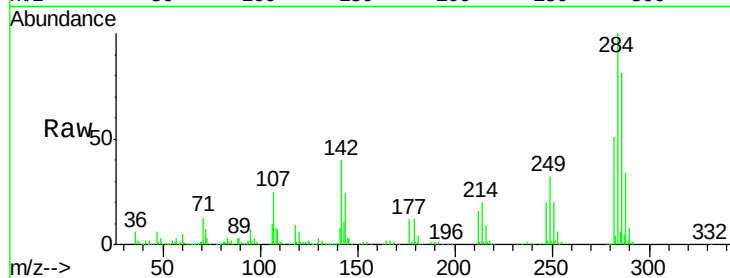
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:	284	Resp:	256605
Ion Ratio		Lower	Upper
284	100		
142	39.7	34.6	52.0
249	31.6	24.8	37.2

Manual Integrations
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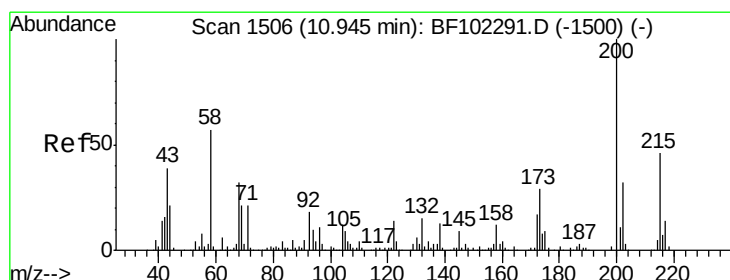
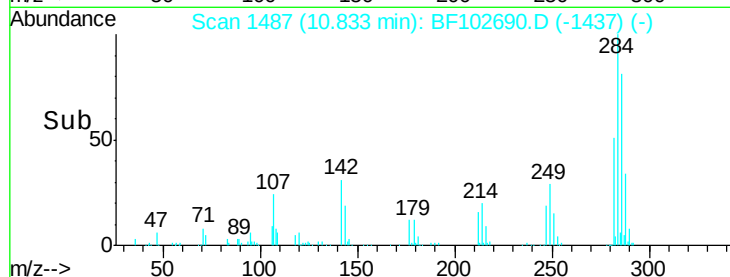
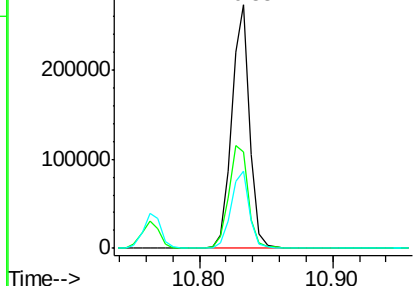
Sohil
2/2/2018 9:52:48 AM



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.099 ng

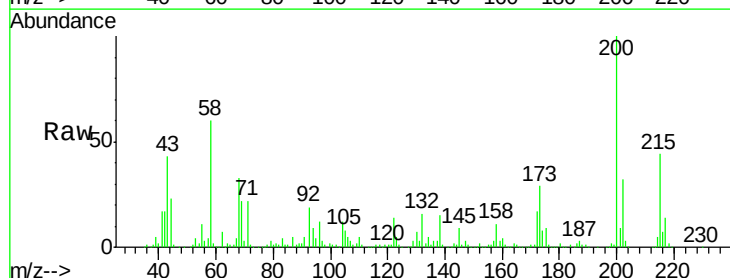
RT: 10.94 min Scan# 1505

Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

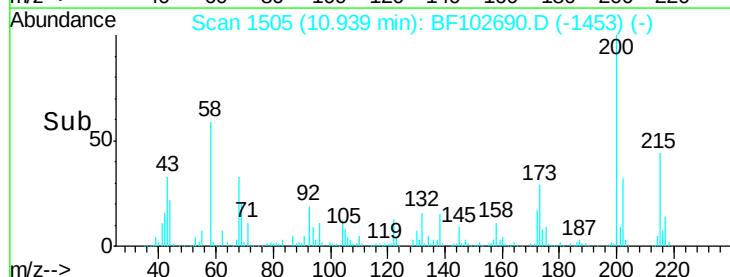
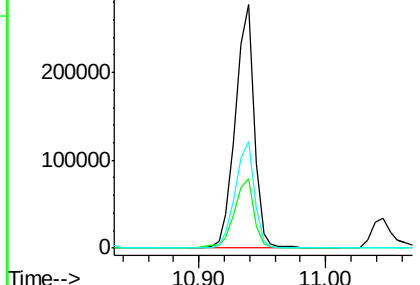
Tgt Ion:	200	Resp:	283436
Ion Ratio		Lower	Upper
200	100		
173	28.7	8.6	48.6
215	44.0	25.1	65.1

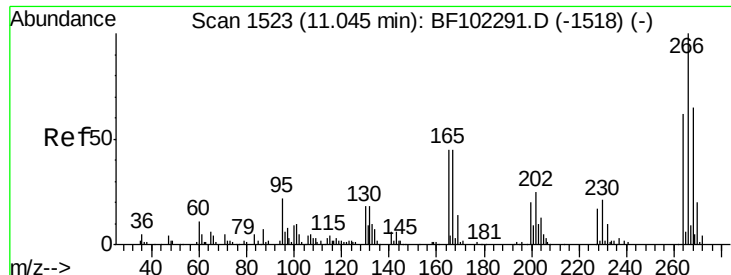


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





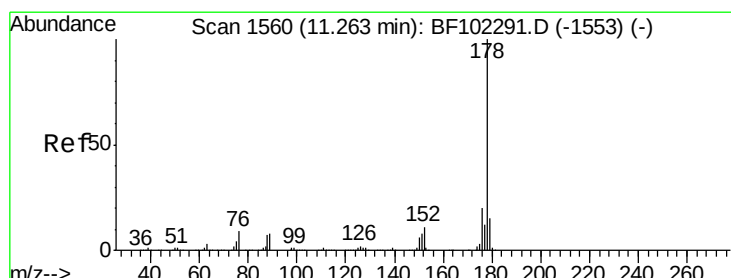
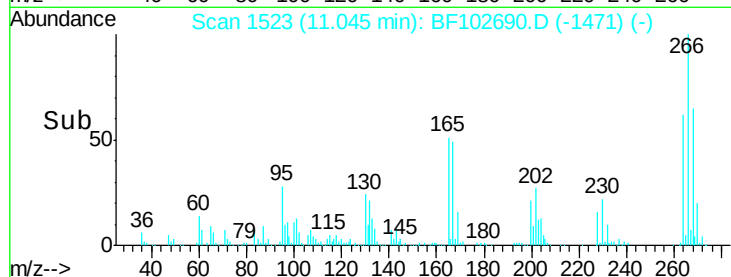
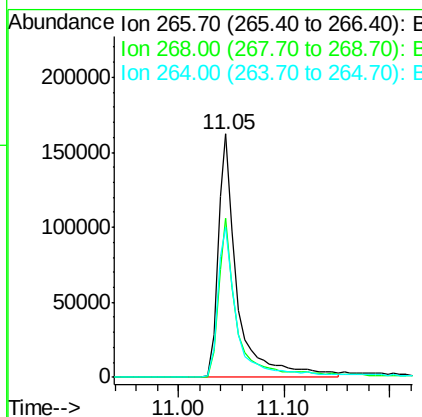
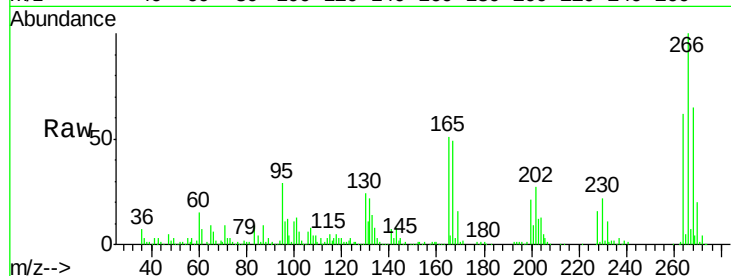
#69
 Pentachlorophenol
 Concen: 50.272 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Resp	Lower	Upper
266	100	207315		
268	65.4		51.1	76.7
264	61.8		49.5	74.3

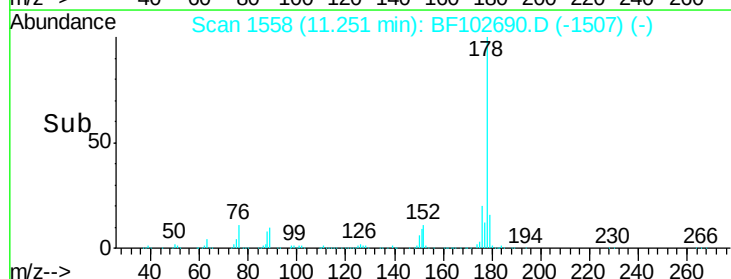
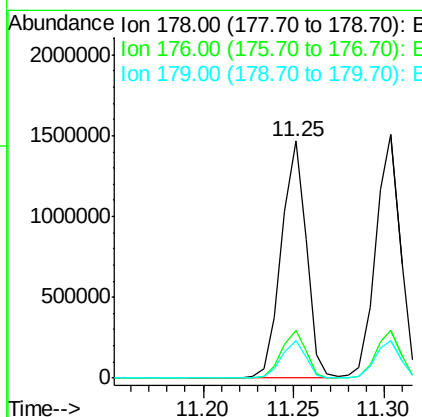
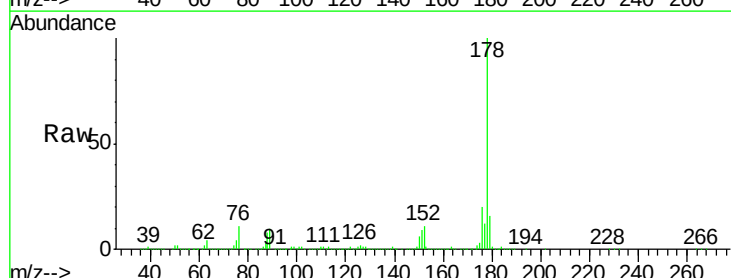
Manual Integrations
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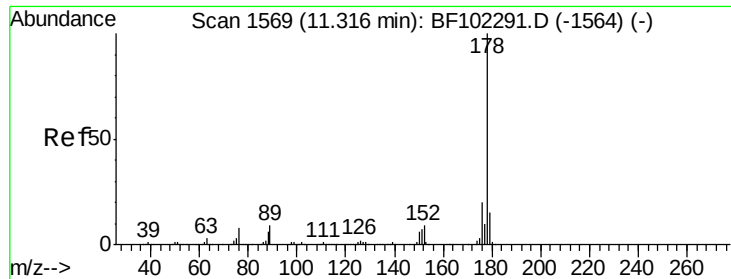
Sohil
 2/2/2018 9:52:48 AM



#70
 Phenanthrene
 Concen: 37.055 ng
 RT: 11.25 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1407971		
176	20.4		15.8	23.8
179	15.9		13.0	19.6





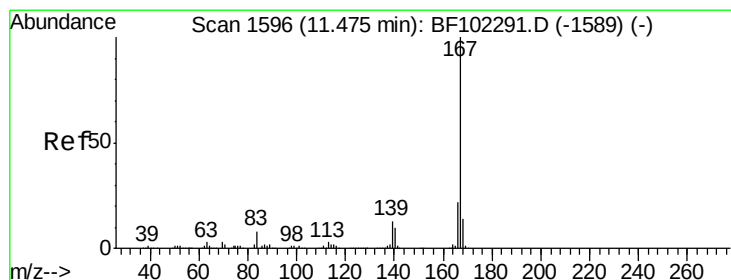
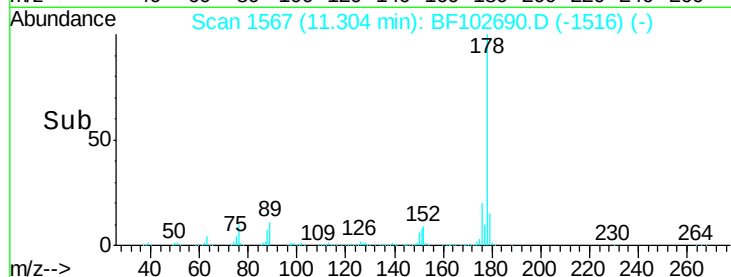
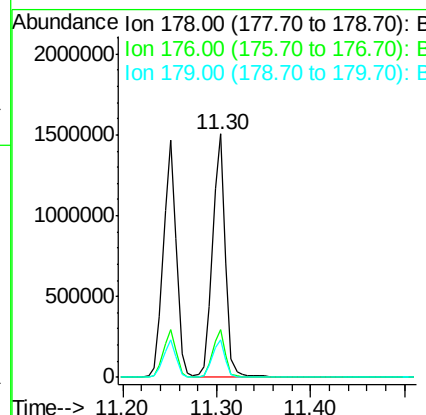
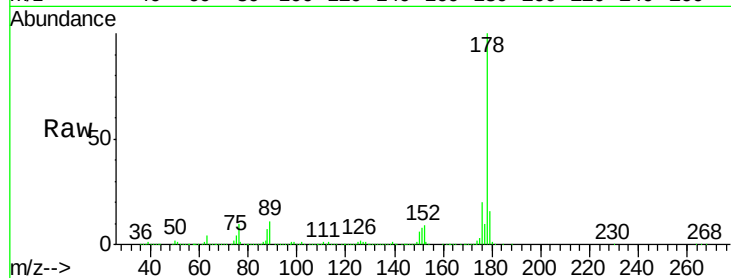
#71
 Anthracene
 Concen: 37.507 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:178 Resp: 1454600
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.4 23.2
 179 15.6 12.6 19.0

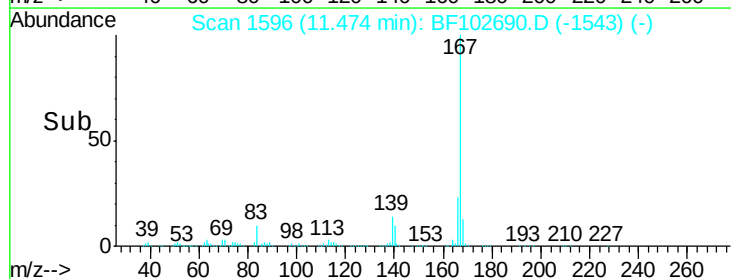
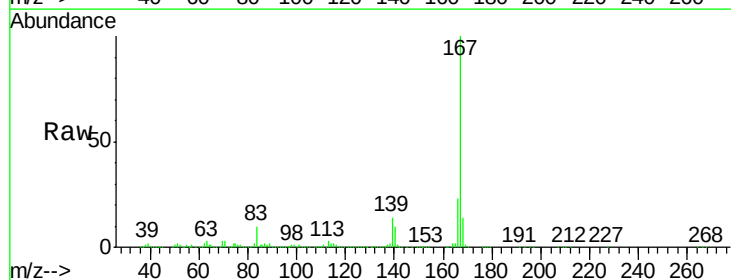
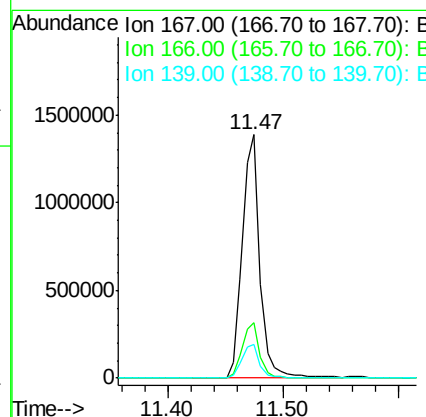
Manual Integrations
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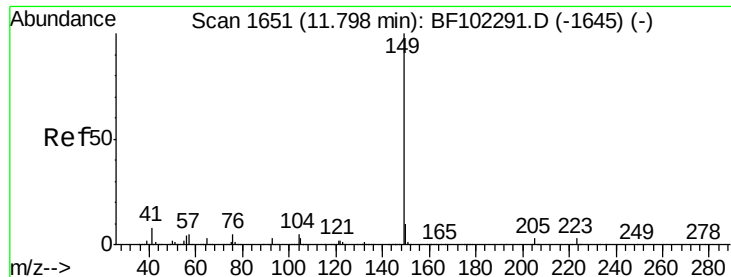
Sohil
 2/2/2018 9:52:48 AM



#72
 Carbazole
 Concen: 38.834 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion:167 Resp: 1469288
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.6 26.4
 139 13.7 10.9 16.3





#73

Di-n-butylphthalate

Concen: 37.503 ng

RT: 11.78 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:149 Resp: 1773665

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

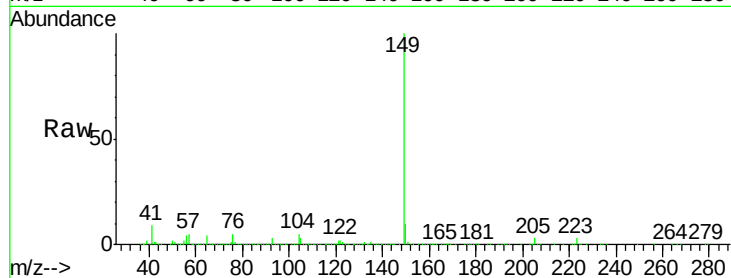
104 4.9 3.8 5.8

Manual Integrations

APPROVED

Sohil

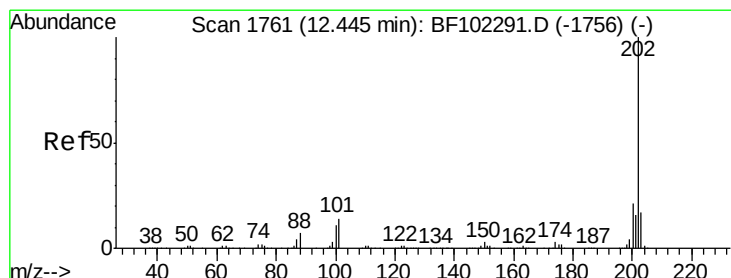
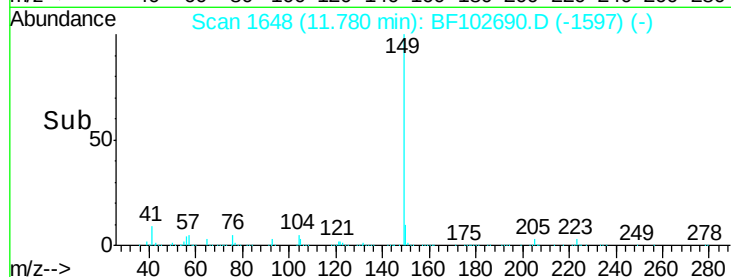
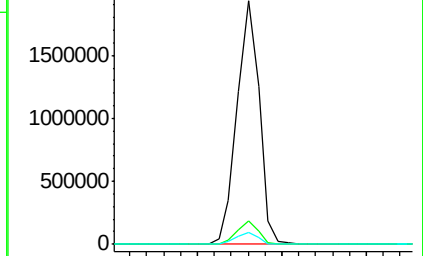
2/2/2018 9:52:48 AM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.609 ng

RT: 12.44 min Scan# 1760

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

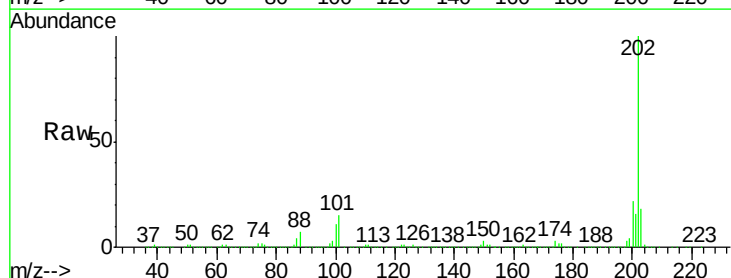
Tgt Ion:202 Resp: 1418498

Ion Ratio Lower Upper

202 100

101 15.3 0.0 34.1

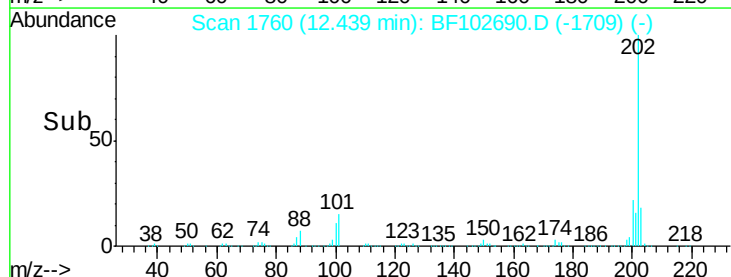
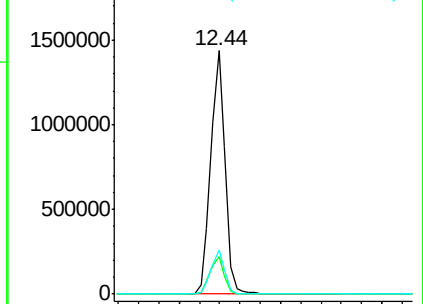
203 18.0 0.0 38.1

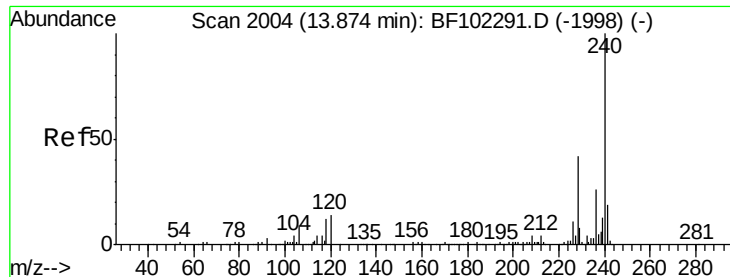


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

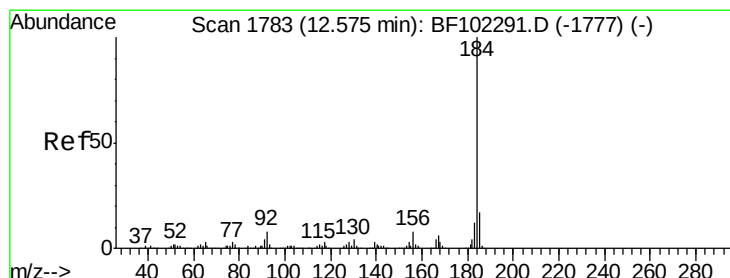
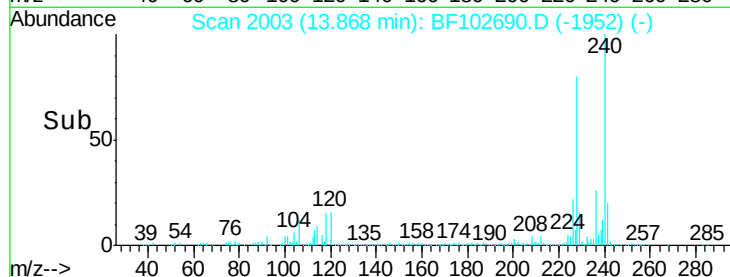
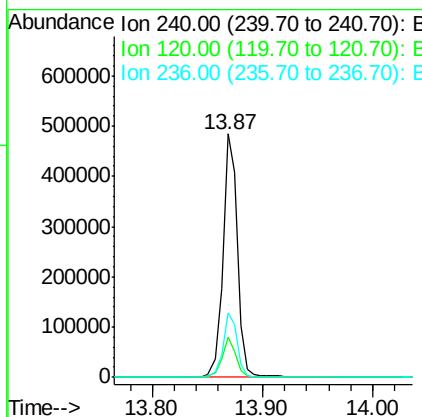
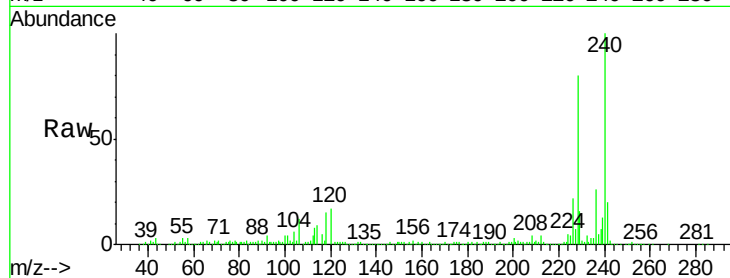
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
240	100		
120	16.6	9.5	14.3#
236	26.5	20.7	31.1

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#76

Benzidine

Concen: 37.804 ng

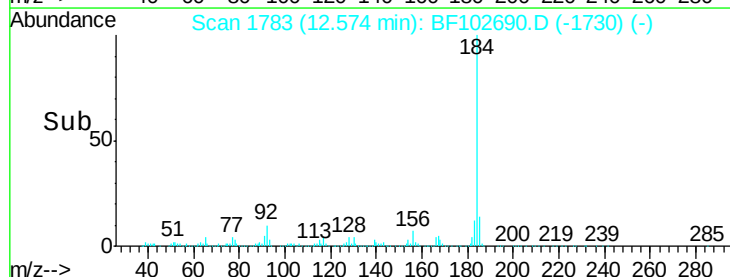
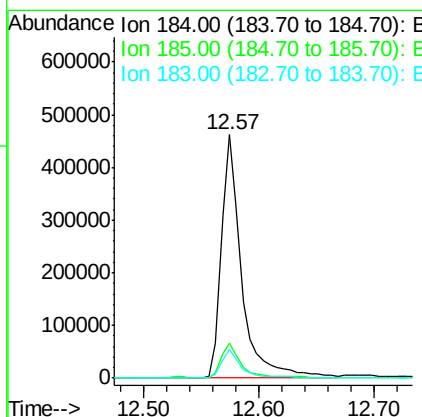
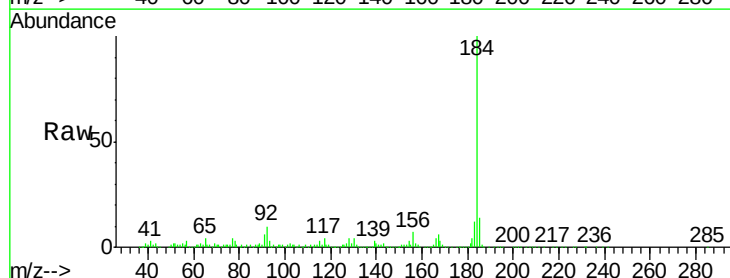
RT: 12.57 min Scan# 1783

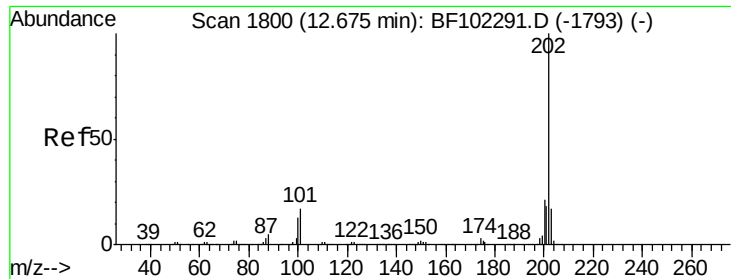
Delta R.T. 0.01 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.2	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 41.462 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion:202 Resp: 1421259

Ion Ratio Lower Upper

202 100

200 22.2 17.4 26.2

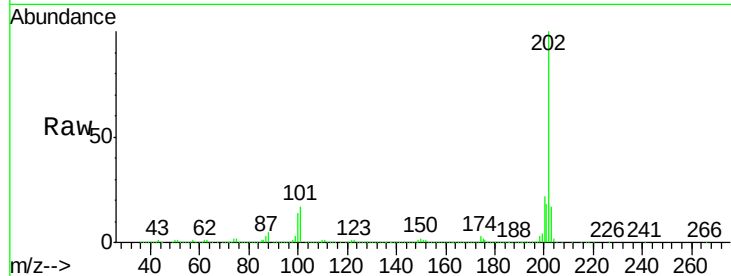
203 17.3 14.3 21.5

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Abundance Ion 202.00 (201.70 to 202.70): E

2000000 Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

1500000

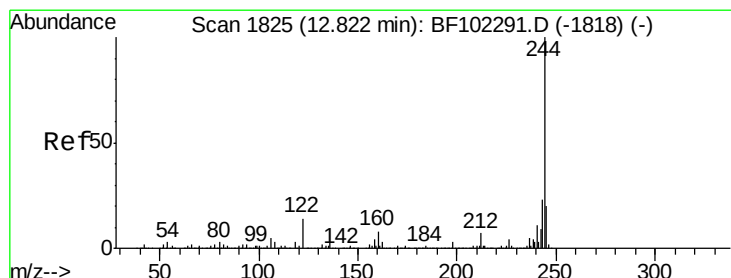
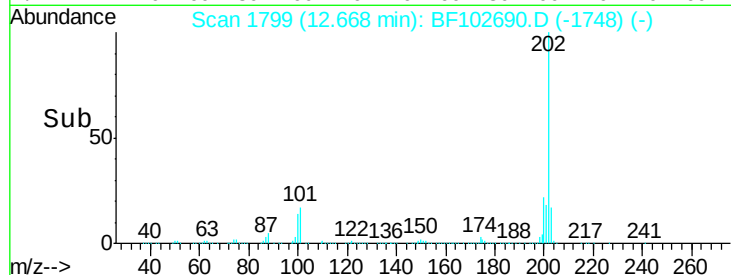
1000000

500000

0

12.67

Time-->



#78

Terphenyl-d14

Concen: 80.996 ng

RT: 12.81 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

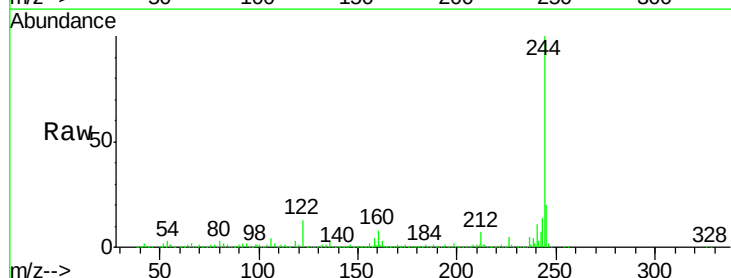
Tgt Ion:244 Resp: 1592916

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 13.2 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

1500000

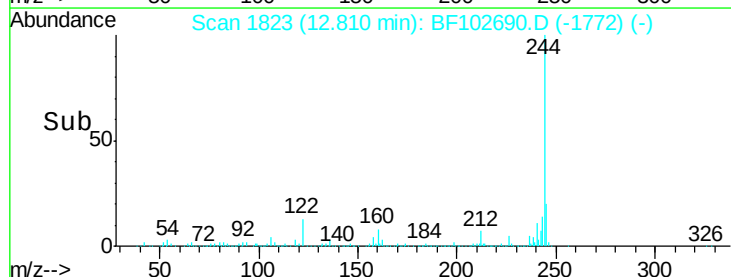
1000000

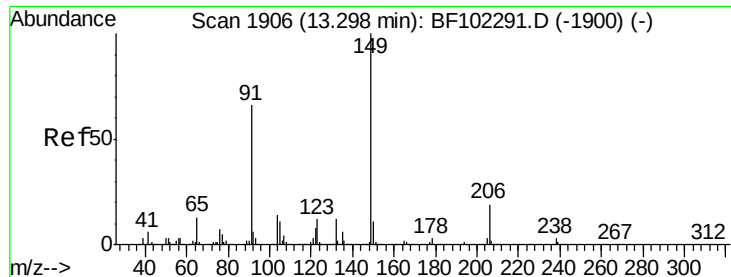
500000

0

12.81

Time-->





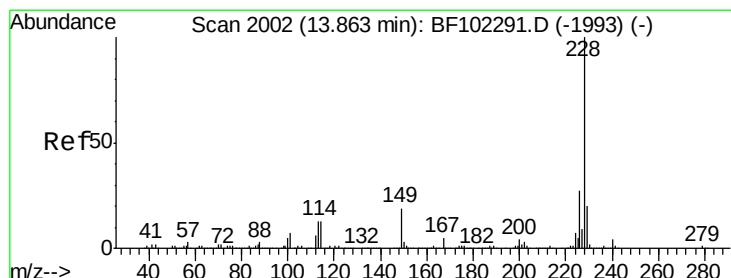
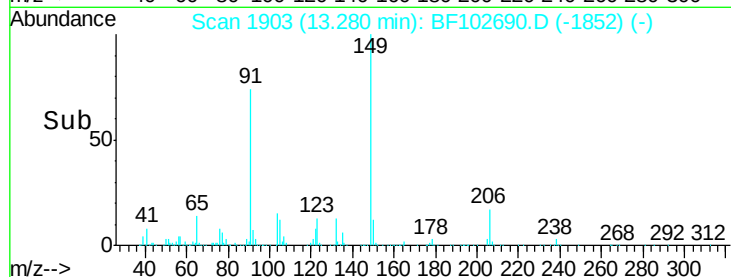
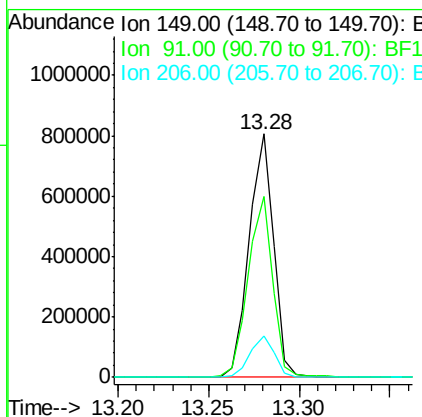
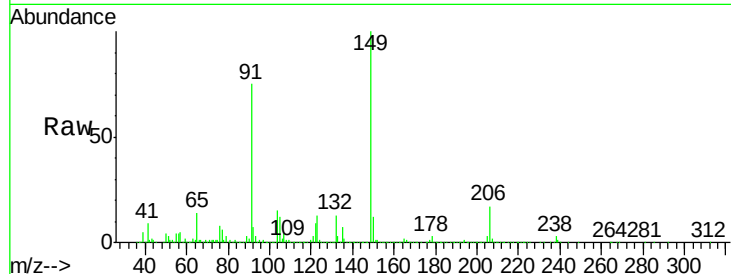
#79
Butylbenzylphthalate
Concen: 44.082 ng
RT: 13.28 min Scan# 1903
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.6	56.8	85.2
206	17.1	14.1	21.1

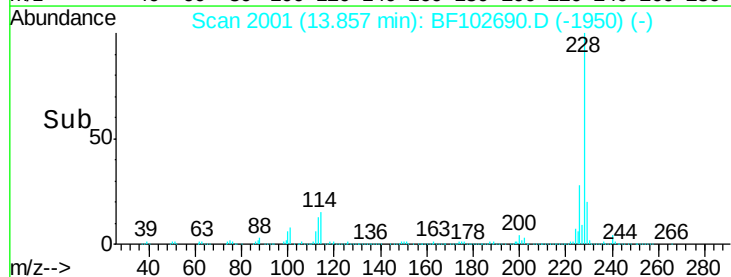
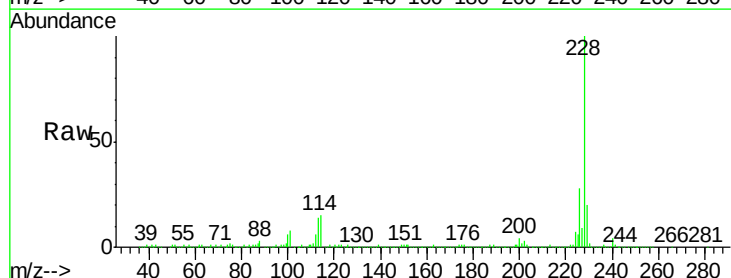
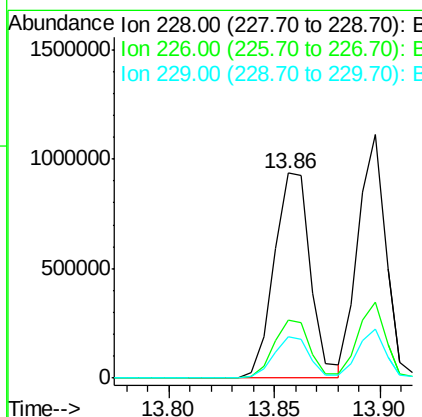
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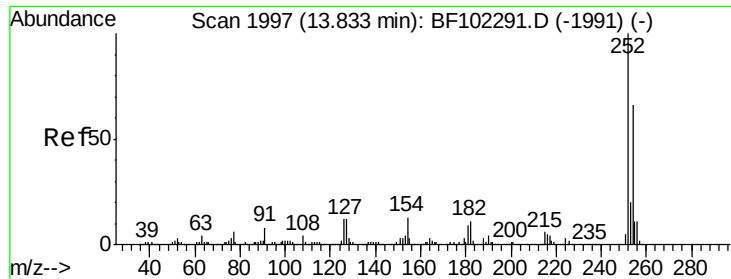
Sohil
2/2/2018 9:52:48 AM



#80
Benzo(a)anthracene
Concen: 41.060 ng
RT: 13.86 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.1	15.8	23.6





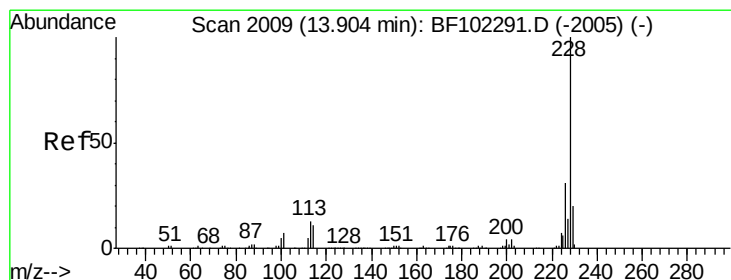
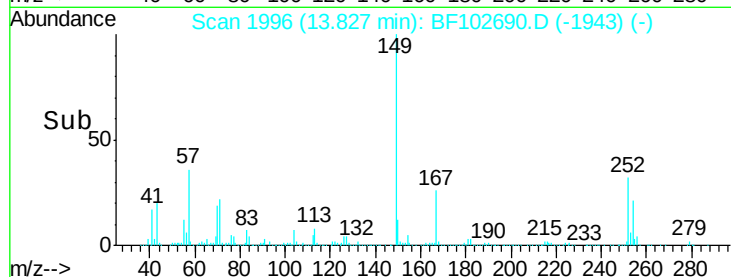
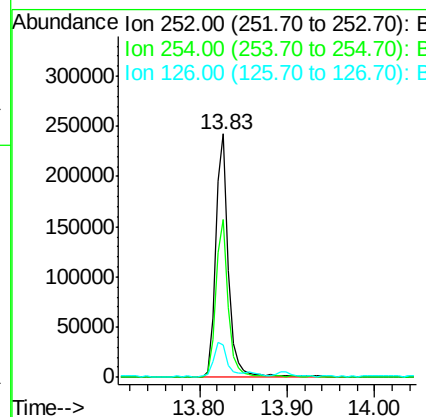
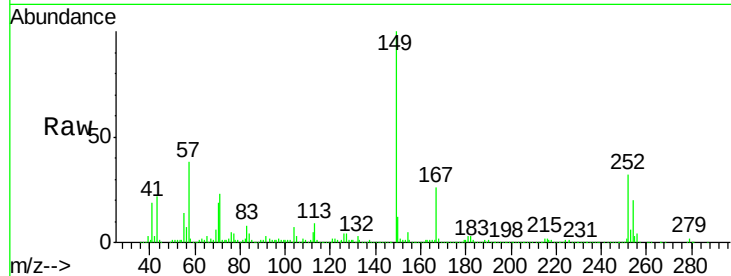
#81
 3,3'-Dichlorobenzidine
 Concen: 24.517 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Resp	Lower	Upper
252	100	245494		
254	64.9	50.4	75.6	
126	13.2	11.3	16.9	

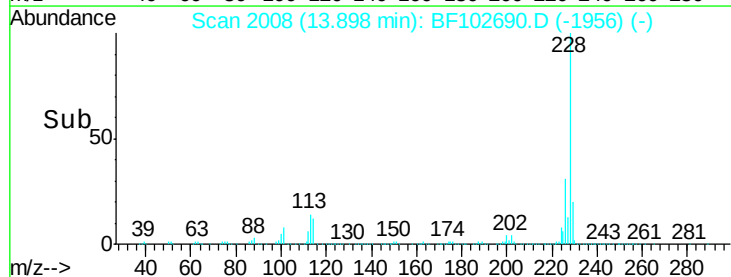
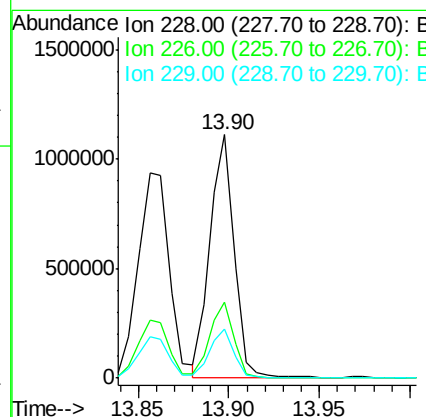
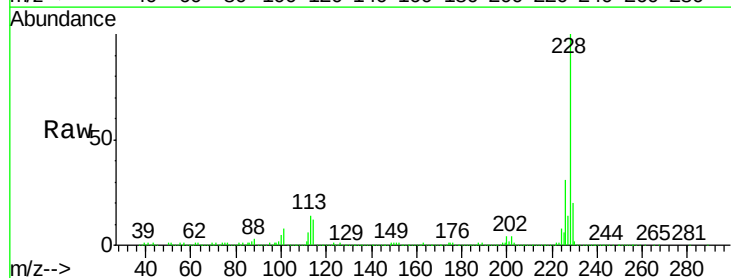
Manual Integrations
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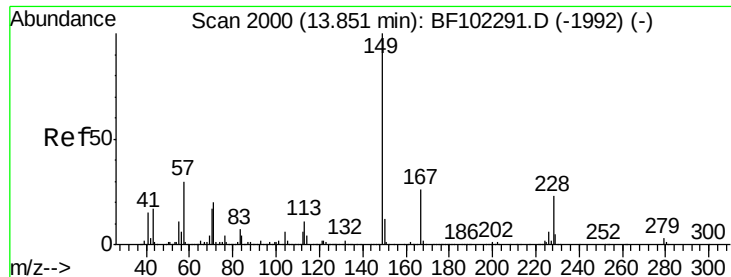
Sohil
 2/2/2018 9:52:48 AM



#82
 Chrysene
 Concen: 36.896 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1022706		
226	31.1	25.0	37.6	
229	20.2	16.2	24.4	





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.101 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Instrument :

BNA_F

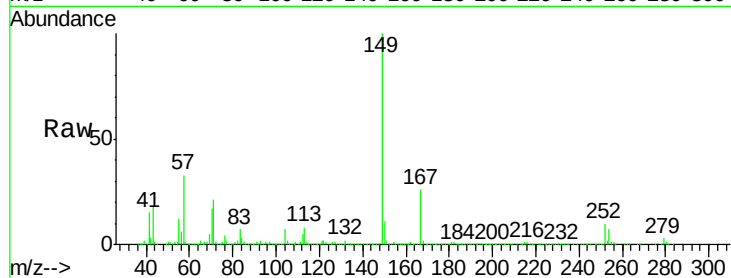
ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

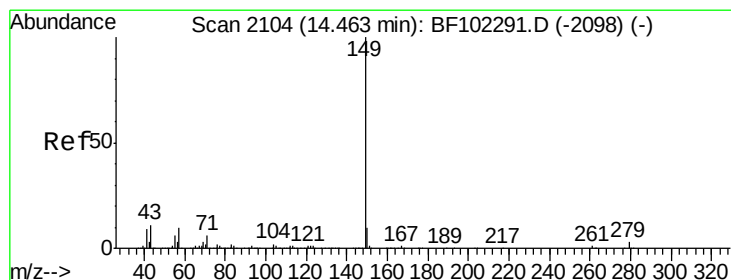
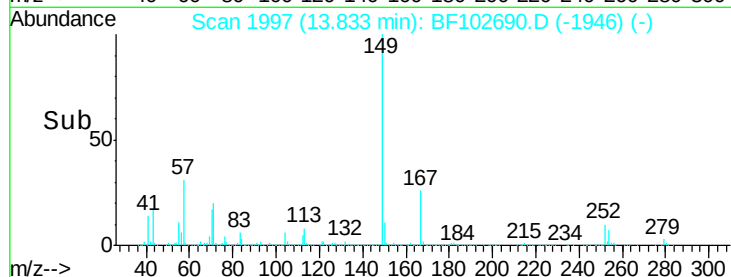
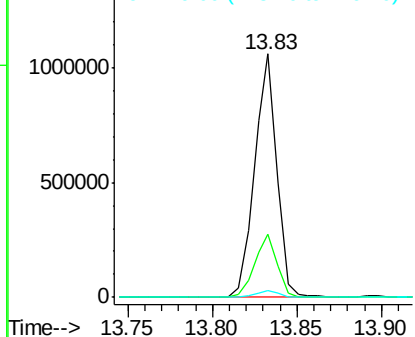
Tot Ion:	149	Resp:	965175
Ion Ratio		Lower	Upper
149	100		
167	26.1	21.3	31.9
279	3.0	3.0	4.4#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.703 ng

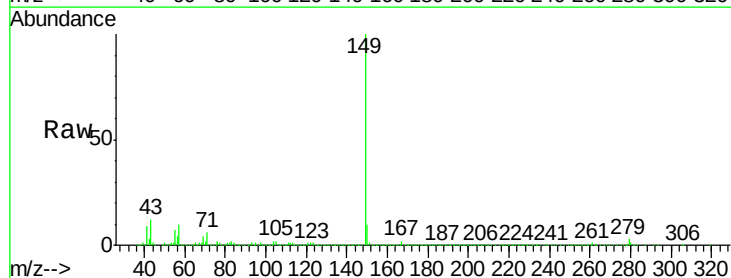
RT: 14.44 min Scan# 2101

Delta R.T. 0.00 min

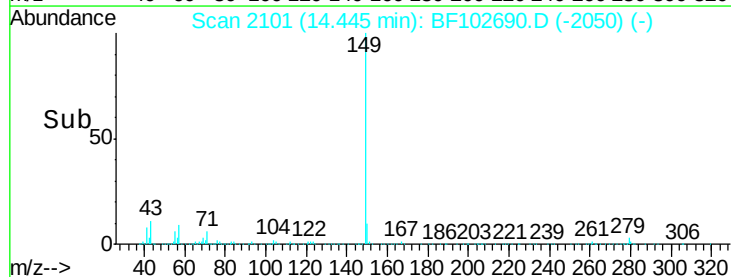
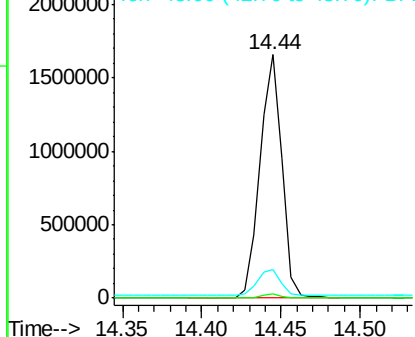
Lab File: BF102690.D

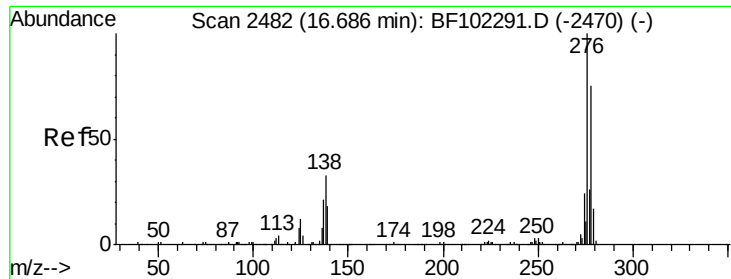
Acq: 1 Feb 2018 17:06

Tgt Ion:	149	Resp:	1592057
Ion Ratio		Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.5	8.4	12.6



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





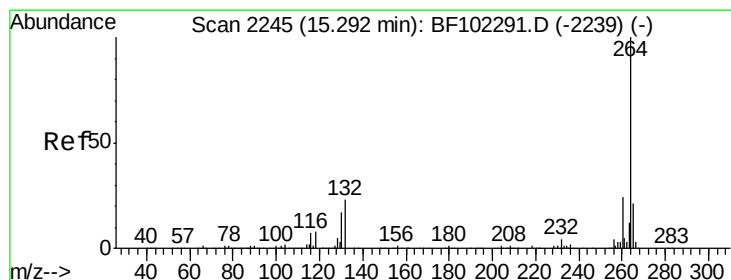
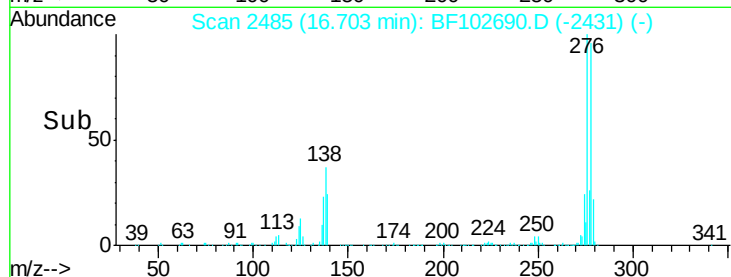
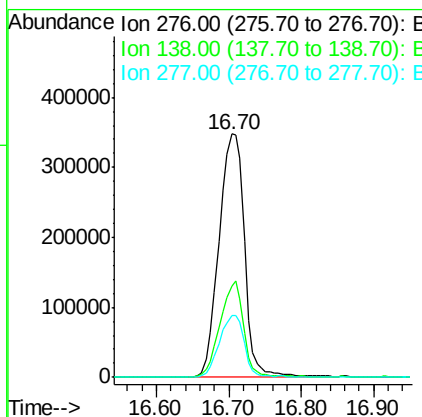
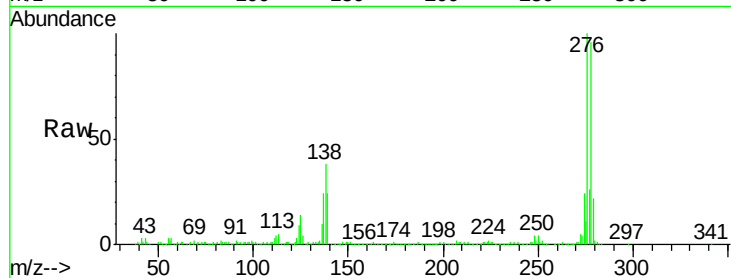
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.244 ng
 RT: 16.70 min Scan# 2485
 Delta R.T. 0.02 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Instrument :
 BNA_F
 ClientSampleId :
 TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.9	25.0	37.6
277	24.7	20.1	30.1

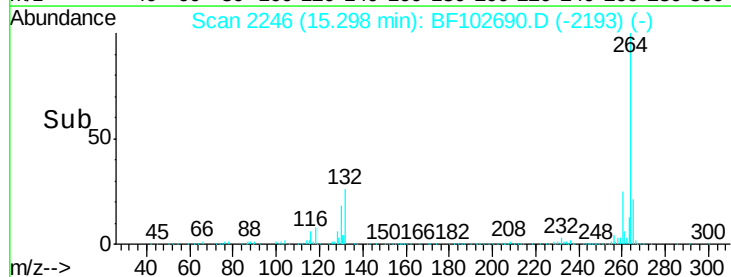
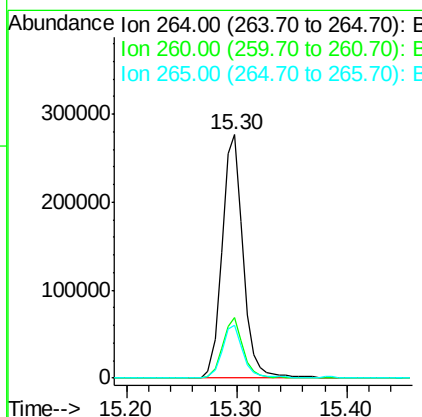
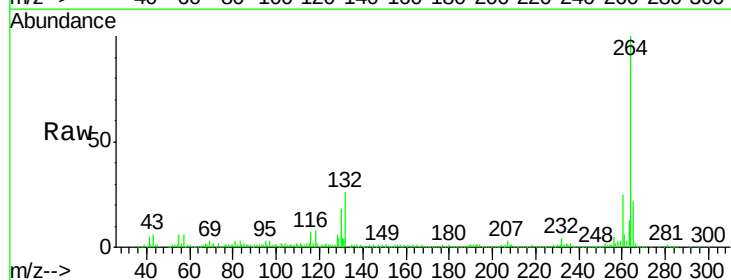
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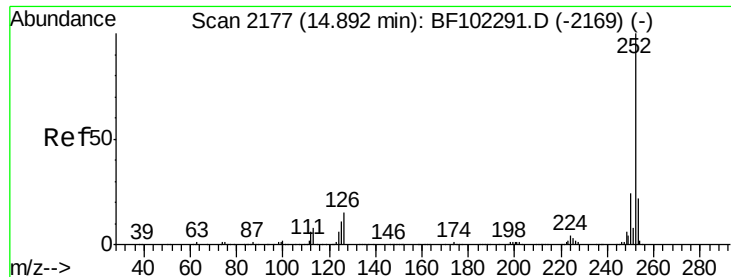
Sohil
 2/2/2018 9:52:48 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. 0.01 min
 Lab File: BF102690.D
 Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	21.7	17.5	26.3





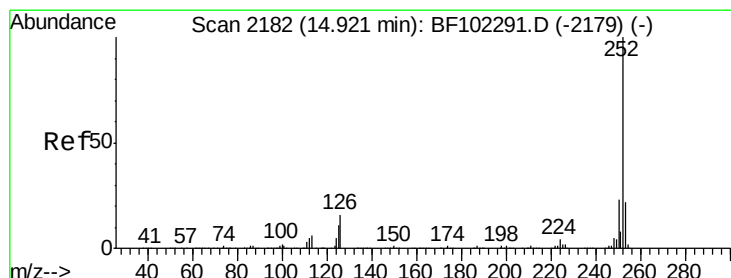
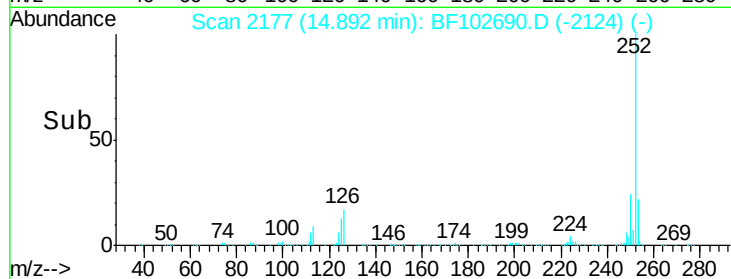
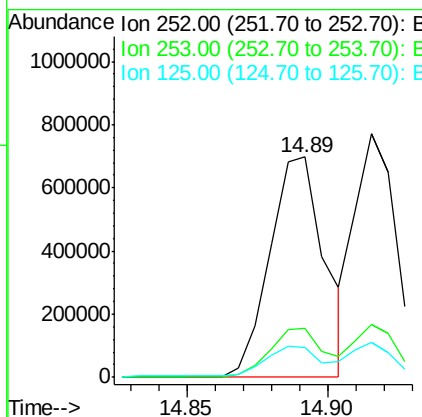
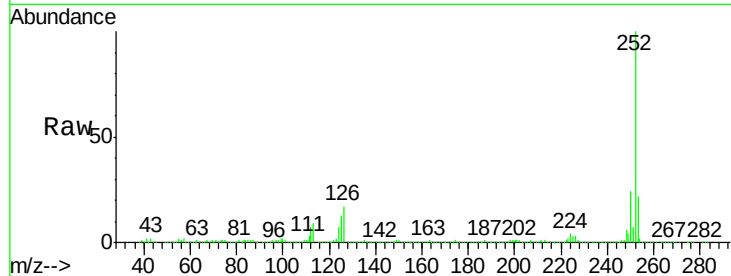
#87
Benzo(b)fluoranthene
Concen: 39.266 ng
RT: 14.89 min Scan# 2177
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	13.3	9.0	13.6

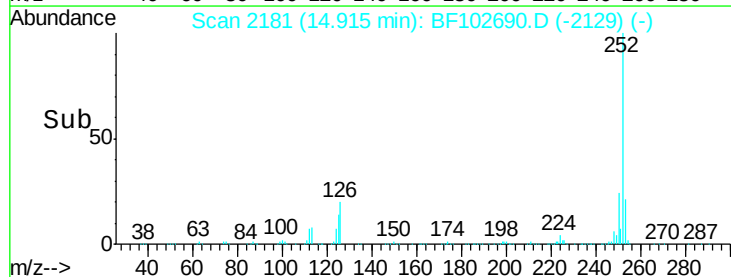
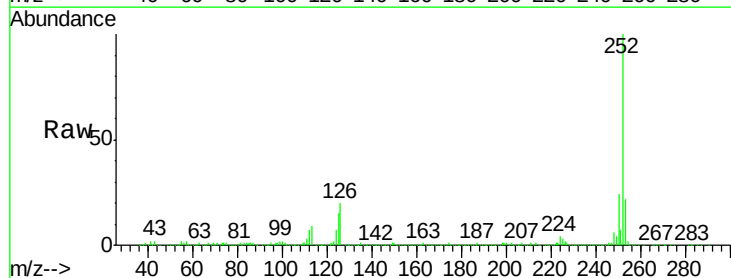
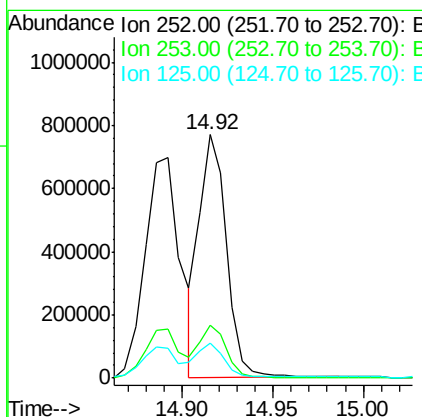
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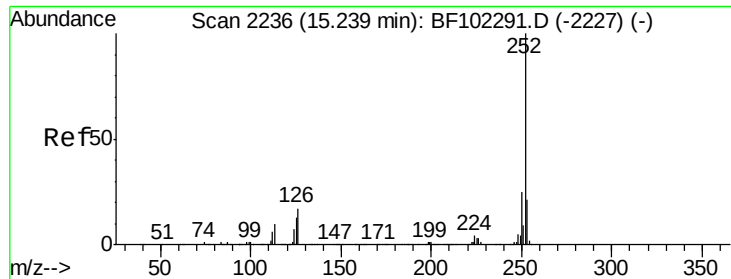
Sohil
2/2/2018 9:52:48 AM



#88
Benzo(k)fluoranthene
Concen: 35.343 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.9	26.9
125	14.6	10.2	15.2





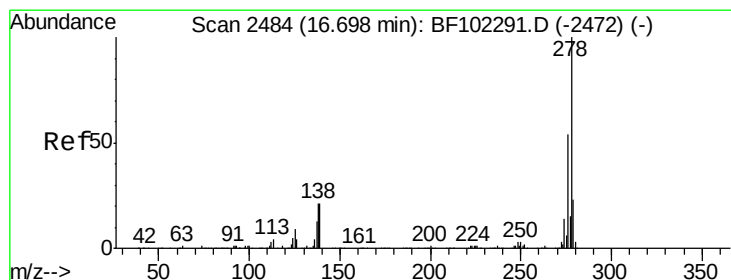
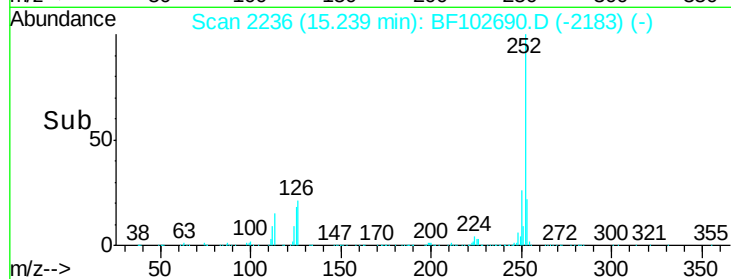
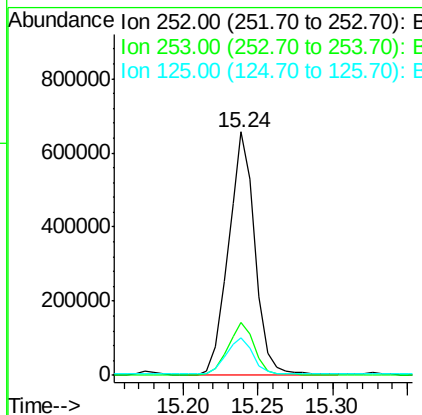
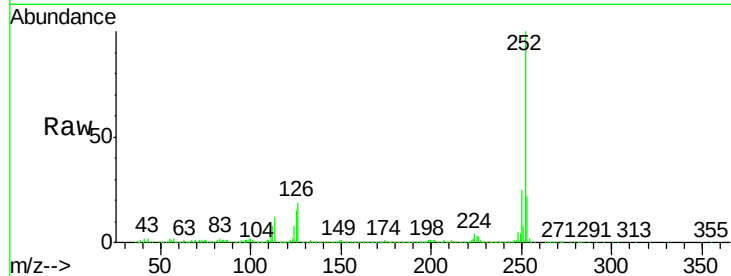
#89
Benzo(a)pyrene
Concen: 38.036 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.01 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Instrument :
BNA_F
ClientSampleId :
TP-03(6-WATERLINE-BOTTOM@6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	15.3	9.8	14.6

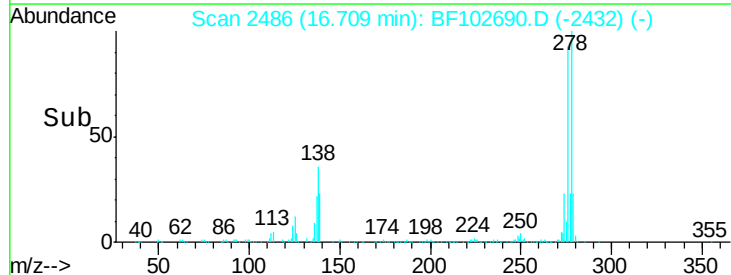
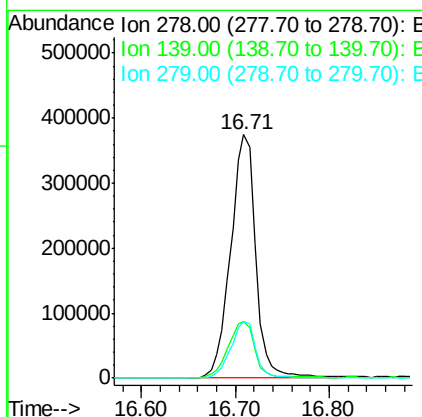
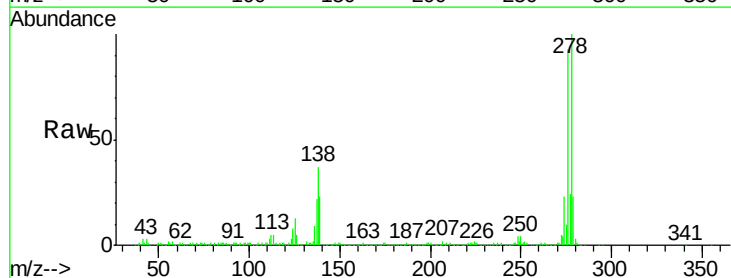
Manual Integrations
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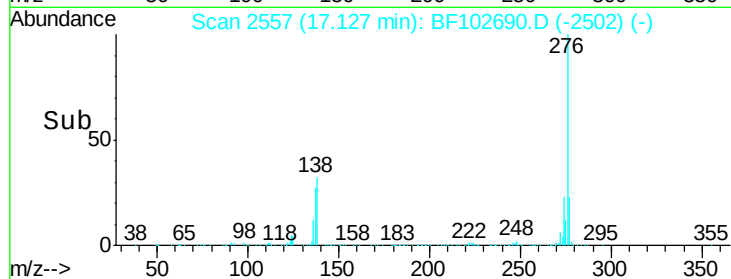
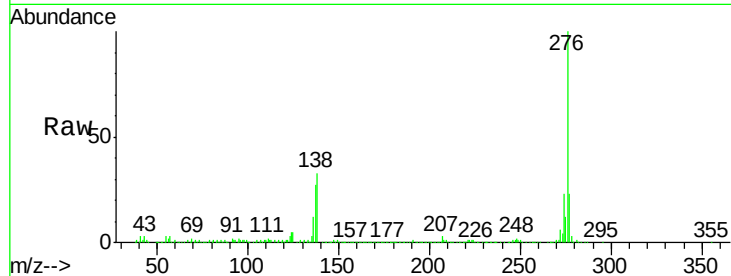
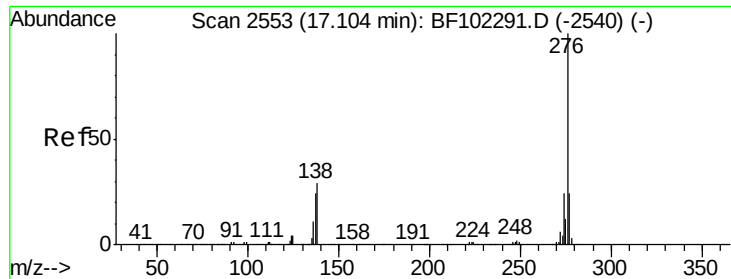
Sohil
2/2/2018 9:52:48 AM



#90
Dibenzo(a,h)anthracene
Concen: 39.759 ng
RT: 16.71 min Scan# 2486
Delta R.T. 0.02 min
Lab File: BF102690.D
Acq: 1 Feb 2018 17:06

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.2	15.9	23.9
279	23.5	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 43.349 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.02 min

Lab File: BF102690.D

Acq: 1 Feb 2018 17:06

Tot Ion:	276	Resp:	746850
Ion Ratio		Lower	Upper
276	100		
277	23.3	17.9	26.9
138	32.7	21.8	32.8

Instrument :

BNA_F

ClientSampleId :

TP-03(6-WATERLINE-BOTTOM@6)

Manual Integrations
APPROVED

Sohil
2/2/2018 9:52:48 AM

