

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112316\
 Data File : BF091286.D
 Acq On : 23 Nov 2016 20:30
 Operator : UM/SJ
 Sample : H5740-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Manual Integrations
 APPROVED

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 11/28/2016 4:52:54 PM

Quant Time: Nov 25 04:41:07 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF112316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 25 04:24:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	224237	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	910289	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	505799	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	726448	20.00	ng	0.00
75) Chrysene-d12	14.04	240	499907	20.00	ng	0.00
86) Perylene-d12	15.48	264	509437	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1567884	112.34	ng	0.02
7) Phenol-d6	6.51	99	1997550	111.40	ng	0.00
23) Nitrobenzene-d5	7.45	82	1239922	78.42	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	557399	109.28	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	2124163	68.76	ng	0.00
78) Terphenyl-d14	12.99	244	1517474	69.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.57	88	193675	29.42	ng	87
3) Pyridine	3.30	79	507491	28.68	ng	# 85
4) n-Nitrosodimethylamine	3.24	42	364527	37.63	ng	99
6) Aniline	6.53	93	254141	11.09	ng	# 8
8) 2-Chlorophenol	6.67	128	588118	38.69	ng	97
9) Benzaldehyde	6.42	77	35684	2.66	ng	90
10) Phenol	6.53	94	702392	35.11	ng	89
11) bis(2-Chloroethyl)ether	6.62	93	686993	46.71	ng	86
12) 1,3-Dichlorobenzene	6.82	146	577760m	34.86	ng	
13) 1,4-Dichlorobenzene	6.90	146	617693	36.41	ng	98
14) 1,2-Dichlorobenzene	7.06	146	569988m	35.41	ng	
15) Benzyl Alcohol	7.02	79	563500	40.47	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1130292	35.05	ng	71
17) 2-Methylphenol	7.14	107	495982	41.23	ng	# 75
18) Hexachloroethane	7.40	117	224102	37.10	ng	93
19) n-Nitroso-di-n-propylamine	7.30	70	400952	35.65	ng	# 98
20) 3+4-Methylphenols	7.29	107	523223	35.44	ng	# 72
22) Acetophenone	7.30	105	791806	38.55	ng	98
24) Nitrobenzene	7.47	77	611697	36.56	ng	# 70
25) Isophorone	7.71	82	1166798	39.50	ng	96
26) 2-Nitrophenol	7.78	139	262021	39.05	ng	100
27) 2,4-Dimethylphenol	7.82	122	563666	40.02	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	666626	37.91	ng	99
29) 2,4-Dichlorophenol	8.02	162	446519	35.88	ng	97
30) 1,2,4-Trichlorobenzene	8.11	180	540821	37.73	ng	98
31) Naphthalene	8.19	128	1679985	38.37	ng	99
32) Benzoic acid	7.87	122	23309	2.10	ng	97
33) 4-Chloroaniline	8.24	127	283730	14.89	ng	# 93
34) Hexachlorobutadiene	8.32	225	306315	36.14	ng	98
35) Caprolactam	8.60	113	116824	30.45	ng	99
36) 4-Chloro-3-methylphenol	8.72	107	479101	35.82	ng	96
37) 2-Methylnaphthalene	8.88	142	1041284	34.65	ng	92
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	485320	35.41	ng	99
40) Hexachlorocyclopentadiene	9.04	237	356646	58.13	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	350925	37.12	ng	93
43) 2,4,5-Trichlorophenol	9.21	196	337538	37.17	ng #	90
45) 1,1'-Biphenyl	9.34	154	1173527	32.18	ng	97
46) 2-Chloronaphthalene	9.37	162	934846	35.00	ng	98
47) 2-Nitroaniline	9.46	65	327737	36.16	ng #	74
48) Acenaphthylene	9.79	152	1518999	35.48	ng	99
49) Dimethylphthalate	9.65	163	1333906	42.24	ng	98
50) 2,6-Dinitrotoluene	9.71	165	276557	40.09	ng #	61
51) Acenaphthene	9.96	154	1018551	34.96	ng	96
52) 3-Nitroaniline	9.87	138	166186	22.41	ng	99
53) 2,4-Dinitrophenol	9.97	184	93666	38.87	ng	94
54) Dibenzofuran	10.13	168	1473384	35.95	ng	91
55) 4-Nitrophenol	10.03	139	379961	71.03	ng	97
56) 2,4-Dinitrotoluene	10.11	165	379059	43.42	ng	97
57) Fluorene	10.48	166	1049172	33.46	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	293872	36.80	ng	95
59) Diethylphthalate	10.35	149	1167136	36.73	ng	96
60) 4-Chlorophenyl-phenylether	10.46	204	493242	34.14	ng #	89
61) 4-Nitroaniline	10.49	138	233640	33.76	ng	97
62) Azobenzene	10.62	77	1239139	38.44	ng	92
64) 4,6-Dinitro-2-methylphenol	10.51	198	110924	33.67	ng #	78
65) n-Nitrosodiphenylamine	10.58	169	879044	39.86	ng	99
66) 4-Bromophenyl-phenylether	10.96	248	339811	42.80	ng #	81
67) Hexachlorobenzene	11.01	284	324780	37.31	ng #	78
68) Atrazine	11.12	200	297275	Below	Cal	91
69) Pentachlorophenol	11.21	266	350729	68.11	ng	96
70) Phenanthrene	11.44	178	1874006	49.73	ng	99
71) Anthracene	11.48	178	1539125	39.94	ng	99
72) Carbazole	11.63	167	1218421	35.53	ng	99
73) Di-n-butylphthalate	11.97	149	1580145	39.79	ng	99
74) Fluoranthene	12.61	202	1701387	44.38	ng	97
76) Benzidine	12.73	184	129464	13.36	ng #	88
77) Pyrene	12.84	202	1601958	43.37	ng	98
79) Butylbenzylphthalate	13.47	149	554717	37.53	ng	85
80) Benzo(a)anthracene	14.03	228	1183795	41.72	ng	99
81) 3,3'-Dichlorobenzidine	14.00	252	222948	23.83	ng #	98
82) Chrysene	14.07	228	1104791	41.20	ng	98
83) Bis(2-ethylhexyl)phthalate	14.03	149	663449	36.05	ng #	96
84) Di-n-octyl phthalate	14.64	149	1122273	38.75	ng	98
85) Indeno(1,2,3-cd)pyrene	16.90	276	1129093	48.90	ng	95
87) Benzo(b)fluoranthene	15.07	252	1529992m	47.61	ng	
88) Benzo(k)fluoranthene	15.09	252	834385m	31.79	ng	
89) Benzo(a)pyrene	15.43	252	1170613m	42.82	ng	
90) Dibenzo(a,h)anthracene	16.92	278	918671m	36.40	ng	
91) Benzo(g,h,i)perylene	17.33	276	922688	36.85	ng	96

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

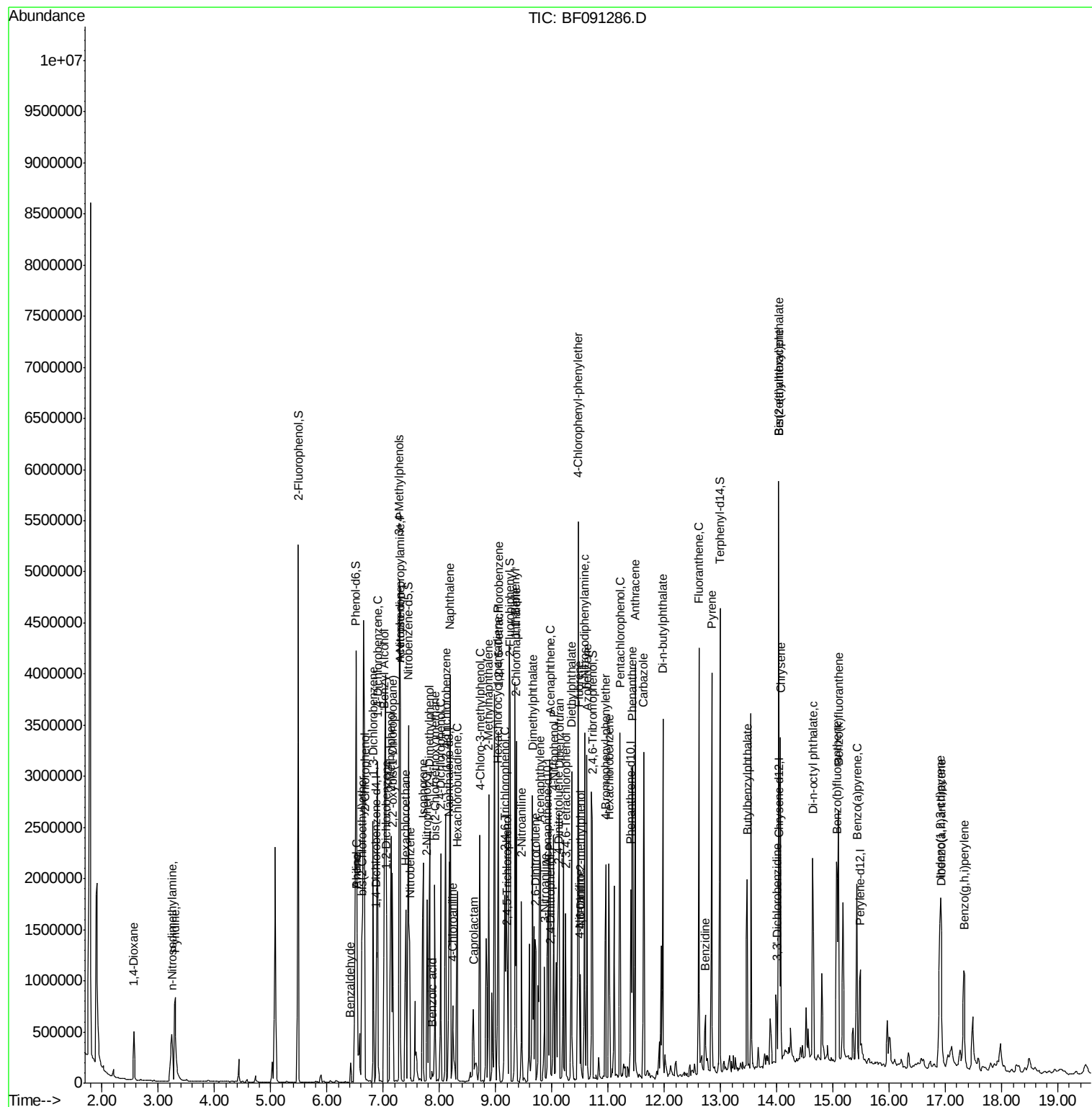
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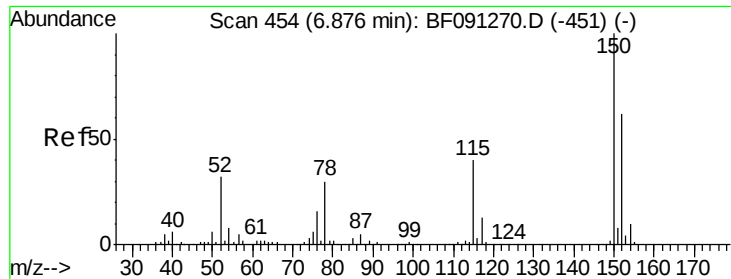
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 454

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

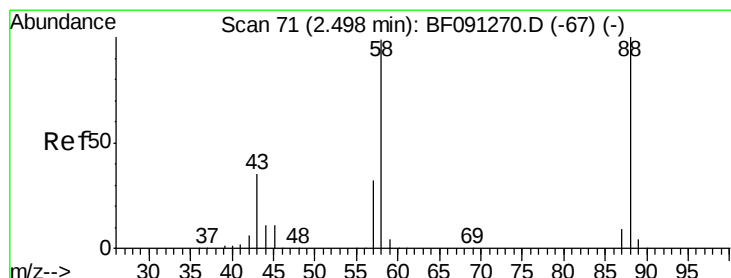
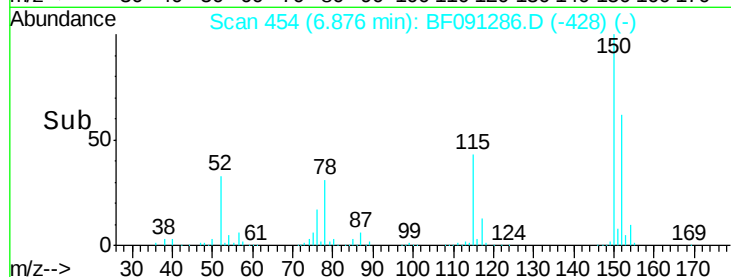
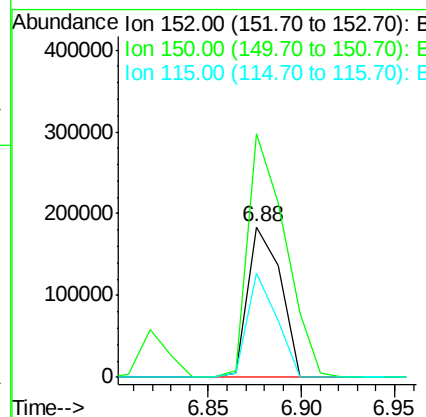
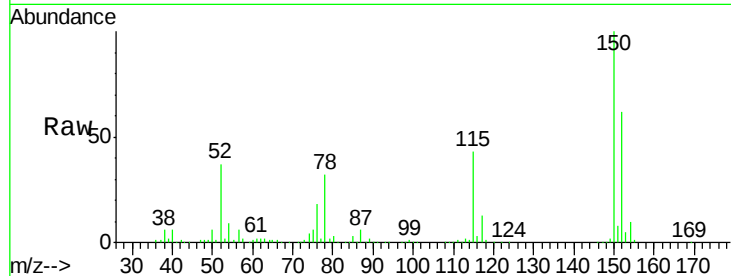
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	152	Resp:	224237
Ion Ratio	Lower	Upper	
152	100		
150	161.9	122.5	183.7
115	69.0	51.8	77.8

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#2

1,4-Dioxane

Concen: 29.42 ng

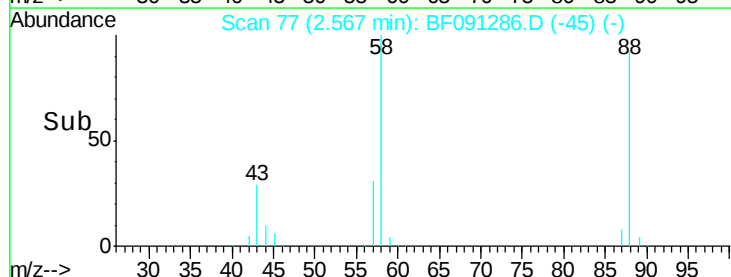
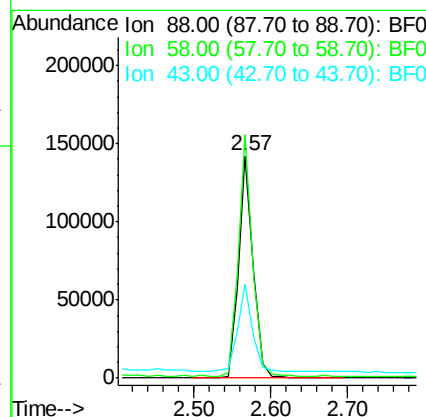
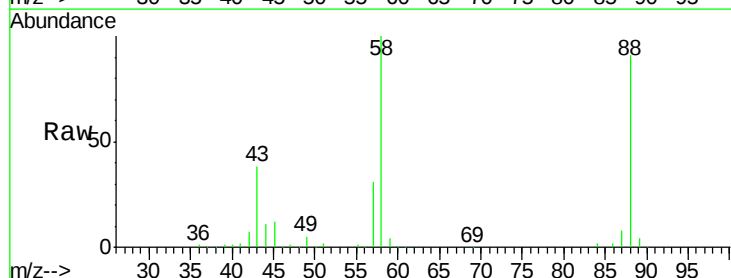
RT: 2.57 min Scan# 77

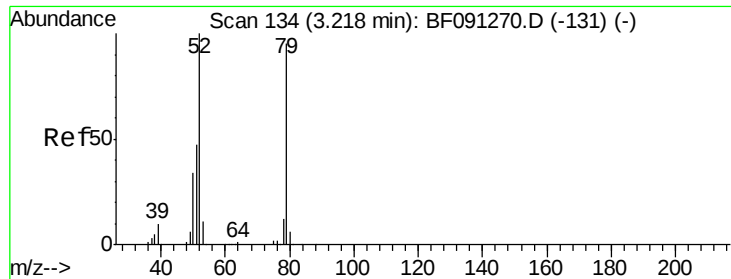
Delta R.T. 0.07 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	88	Resp:	193675
Ion Ratio	Lower	Upper	
88	100		
58	104.5	70.3	105.5
43	39.9	31.3	46.9





#3

Pyridine

Concen: 28.68 ng

RT: 3.30 min Scan# 141

Delta R.T. 0.08 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

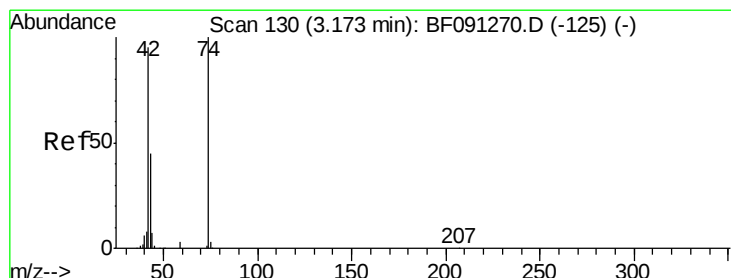
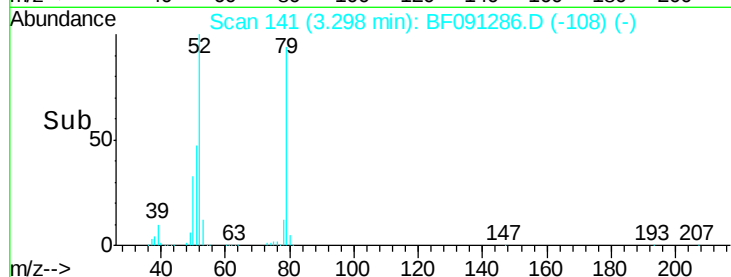
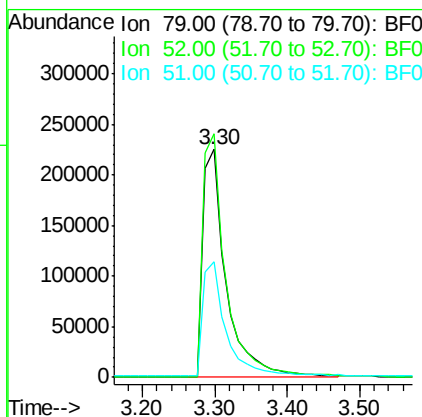
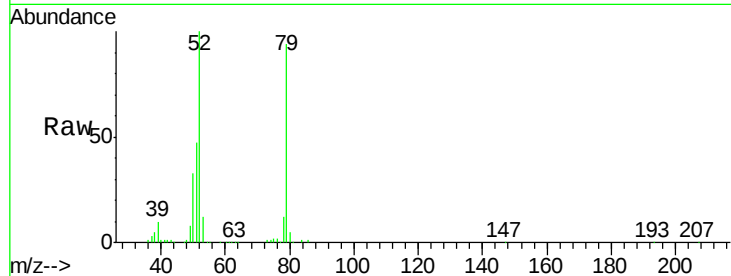
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	106.8	71.0	106.4#
51	50.4	37.0	55.4

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#4

n-Nitrosodimethylamine

Concen: 37.63 ng

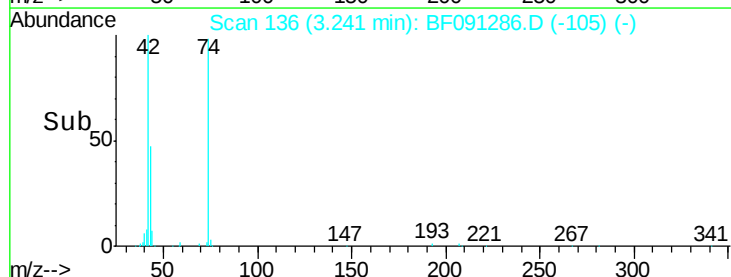
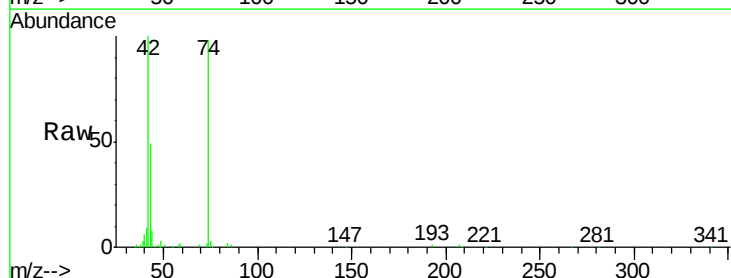
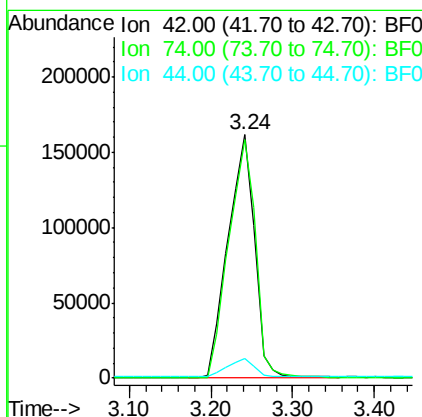
RT: 3.24 min Scan# 136

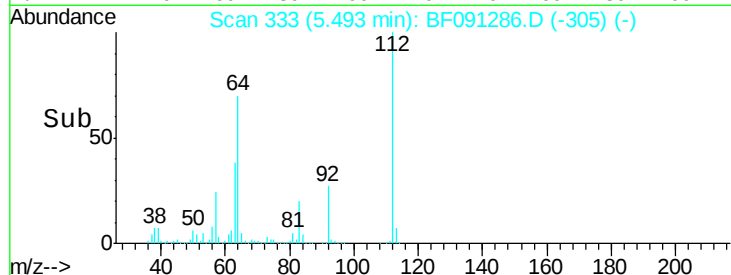
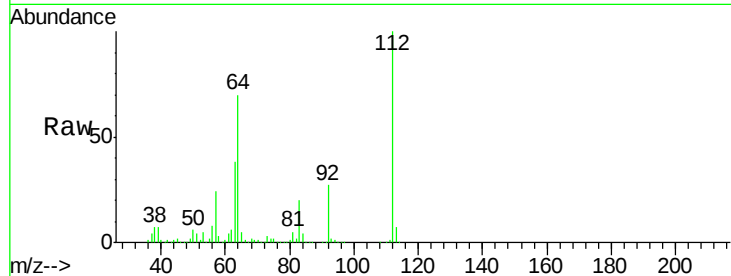
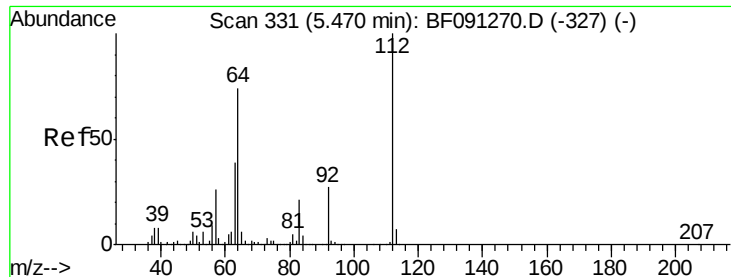
Delta R.T. 0.06 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
42	100		
74	97.8	78.9	118.3
44	7.9	5.8	8.6





#5

2-Fluorophenol

Concen: 112.34 ng

RT: 5.49 min Scan# 333

Delta R.T. 0.02 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	112	Resp:	1567884
Ion Ratio	Lower	Upper	
112	100		
64	70.1	61.5	92.3
63	38.0	33.3	49.9

Instrument :

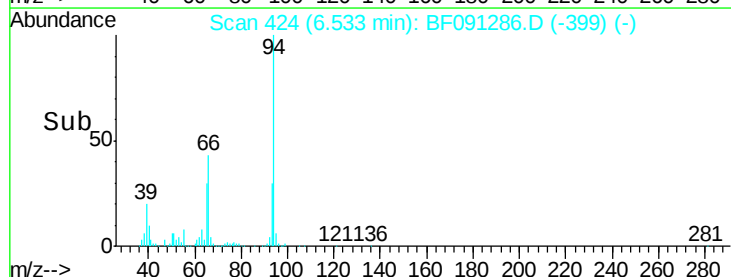
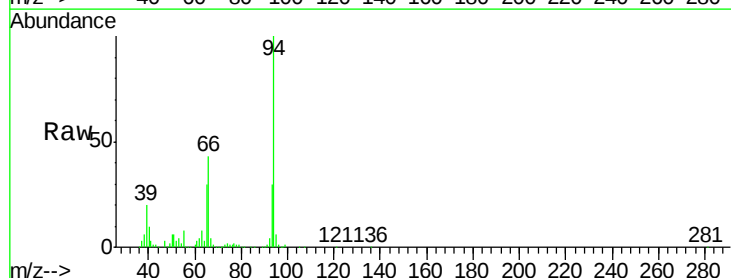
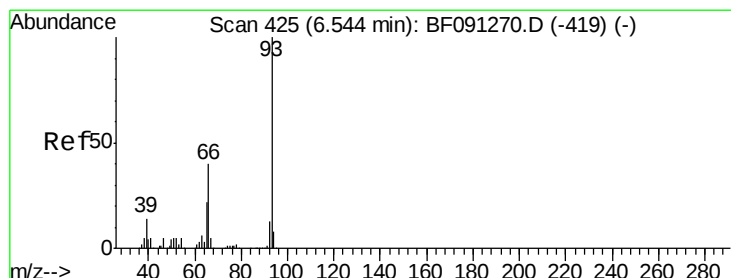
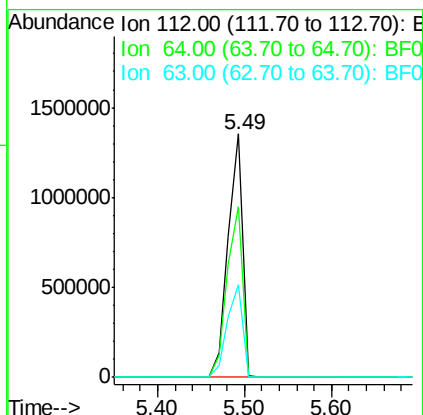
BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Manual Integrations
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#6

Aniline

Concen: 11.09 ng

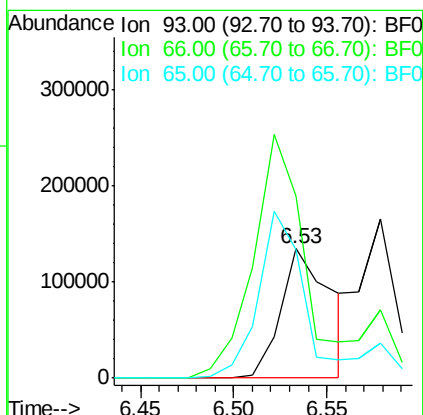
RT: 6.53 min Scan# 424

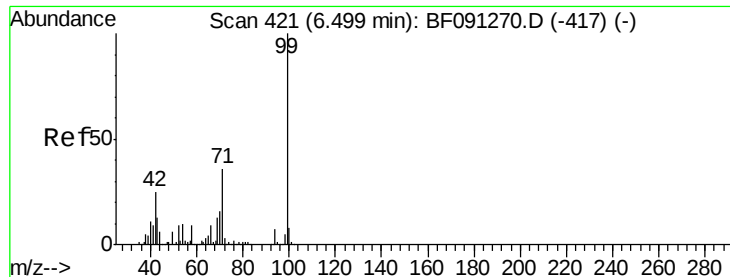
Delta R.T. -0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	93	Resp:	254141
Ion Ratio	Lower	Upper	
93	100		
66	140.8	55.8	83.6#
65	99.1	29.9	44.9#





#7

Phenol-d6

Concen: 111.40 ng

RT: 6.51 min Scan# 422

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion: 99 Resp: 1997550

Ion Ratio Lower Upper

99 100

42 24.6 20.6 31.0

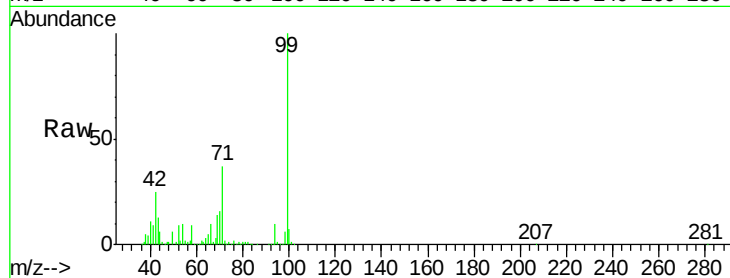
71 37.3 29.9 44.9

Manual Integrations

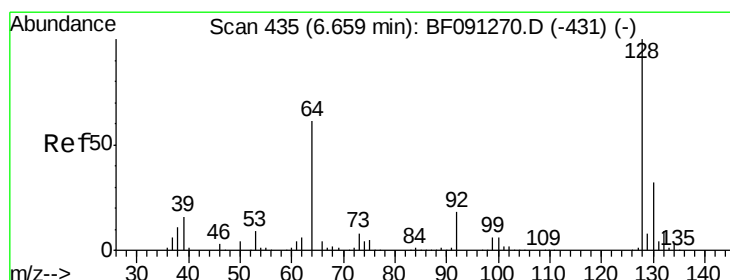
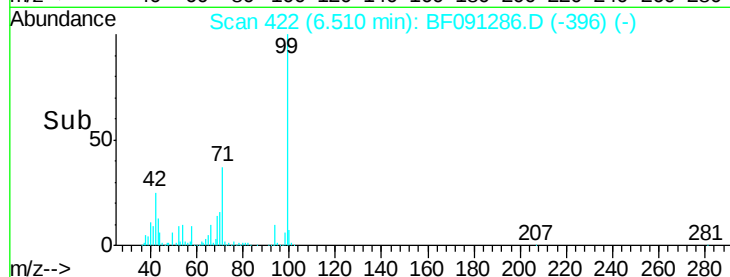
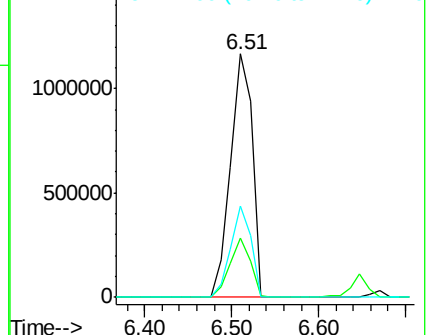
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.69 ng

RT: 6.67 min Scan# 436

Delta R.T. -0.00 min

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Acq: 23 Nov 2016 20:30

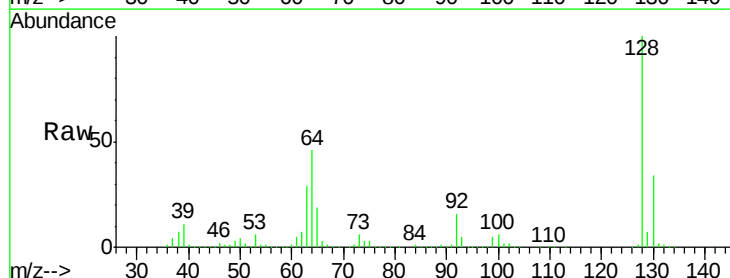
Tgt Ion: 128 Resp: 588118

Ion Ratio Lower Upper

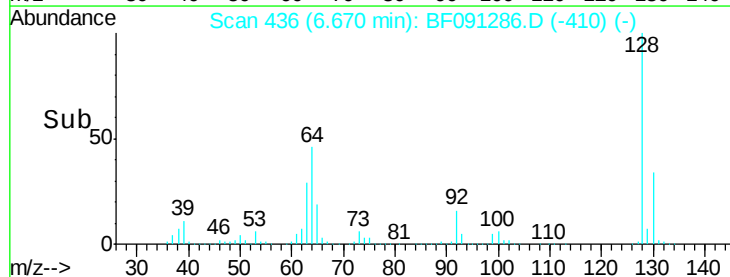
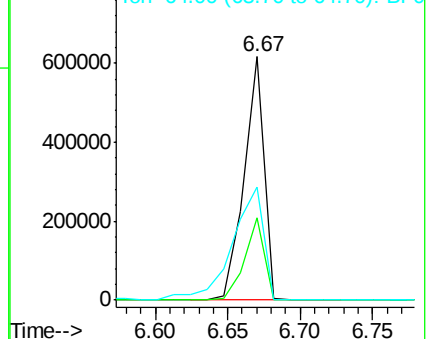
128 100

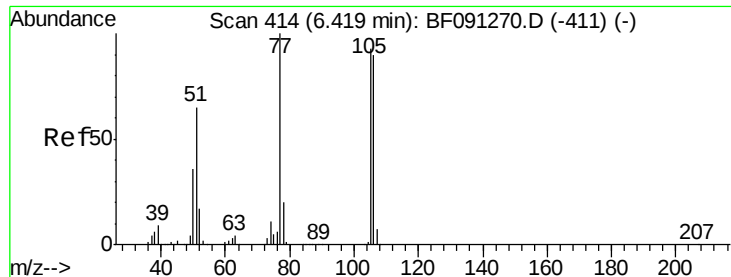
130 33.9 13.1 53.1

64 46.5 24.1 64.1



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): BF0





#9

Benzaldehyde

Concen: 2.66 ng

RT: 6.42 min Scan# 414

Delta R.T. -0.00 min

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Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

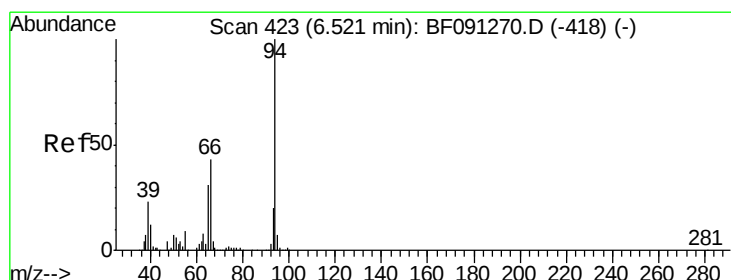
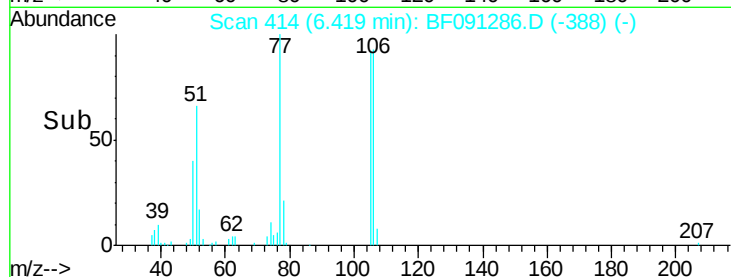
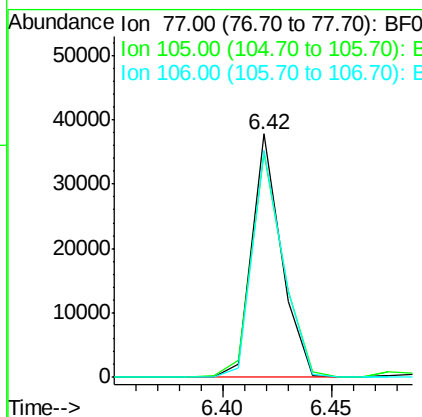
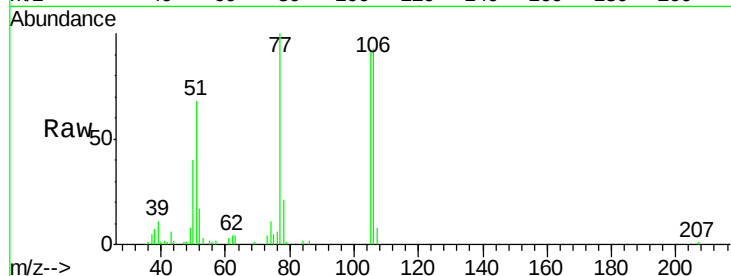
ClientSampleId :

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Tgt Ion:	77	Resp:	35684
Ion Ratio	Lower	Upper	
77	100		
105	92.4	66.4	106.4
106	93.0	60.9	100.9

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#10

Phenol

Concen: 35.11 ng

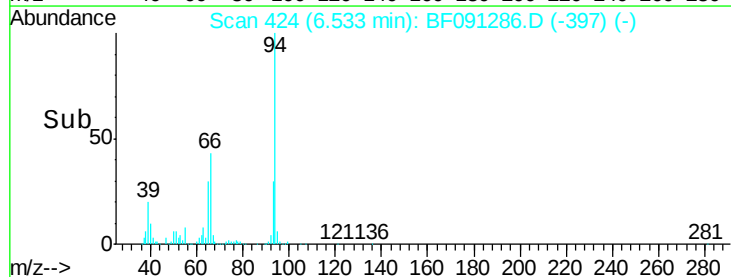
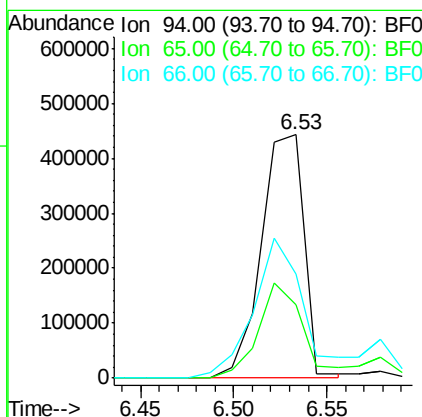
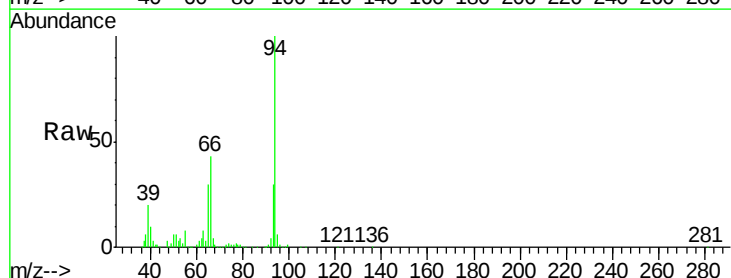
RT: 6.53 min Scan# 424

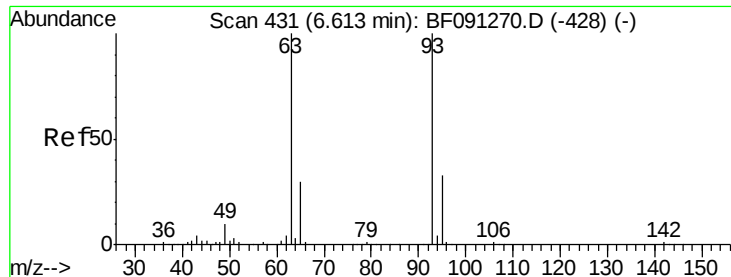
Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	94	Resp:	702392
Ion Ratio	Lower	Upper	
94	100		
65	30.1	16.9	56.9
66	42.7	30.6	70.6





#11

bis(2-Chloroethyl)ether

Concen: 46.71 ng

RT: 6.62 min Scan# 432

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion: 93 Resp: 686993

Ion Ratio Lower Upper

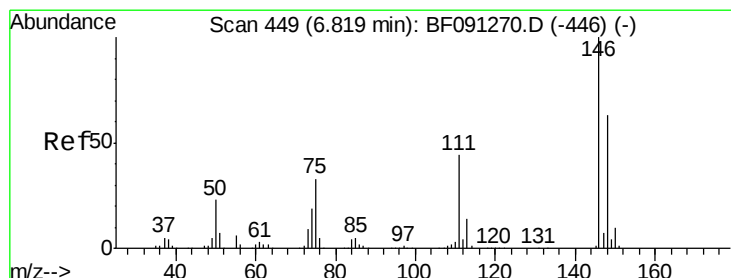
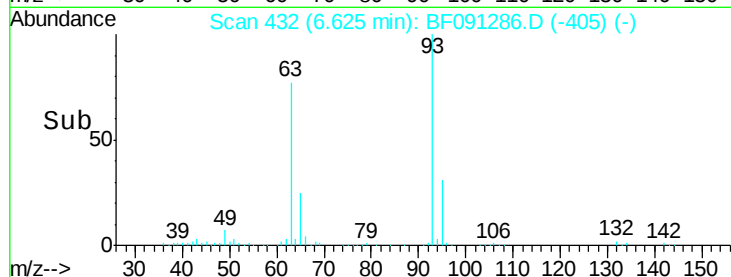
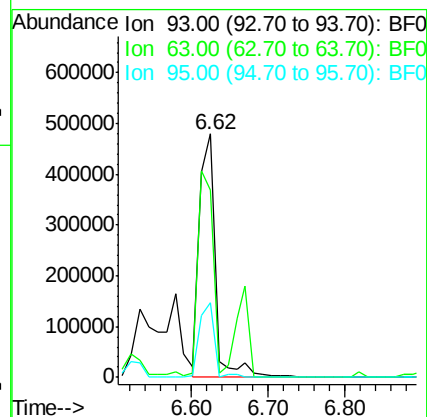
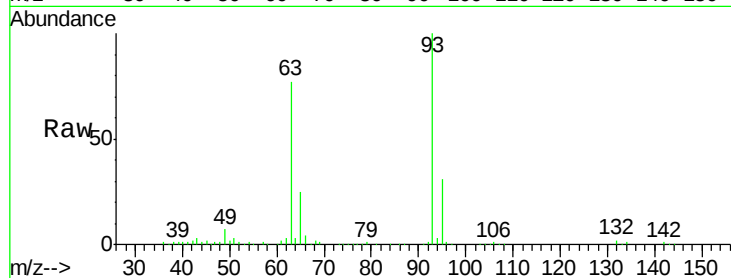
93 100

63 77.0 74.8 114.8

95 30.8 12.4 52.4

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#12

1,3-Dichlorobenzene

Concen: 34.86 ng m

RT: 6.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

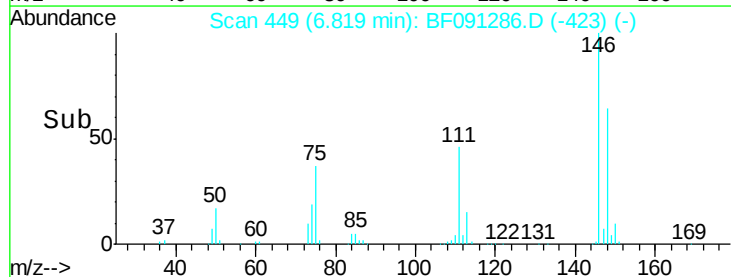
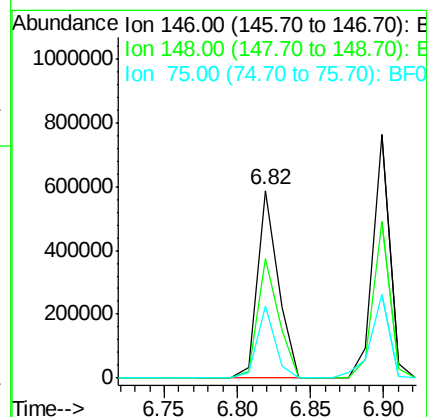
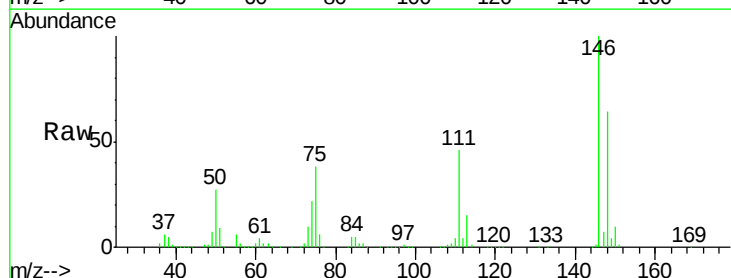
Tgt Ion: 146 Resp: 577760

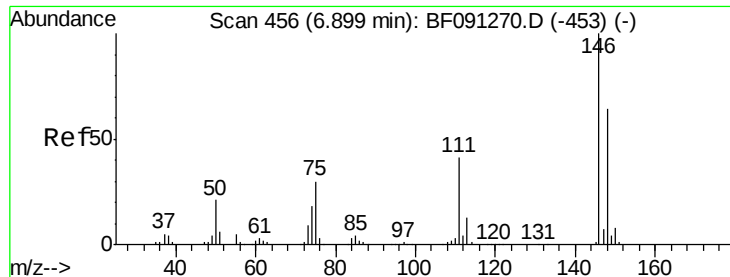
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.0

75 38.2 23.6 35.4#





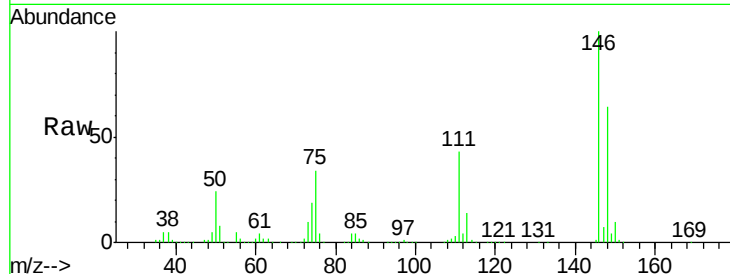
#13
 1,4-Dichlorobenzene
 Concen: 36.41 ng
 RT: 6.90 min Scan# 456
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.0
111	43.3	32.2	48.2

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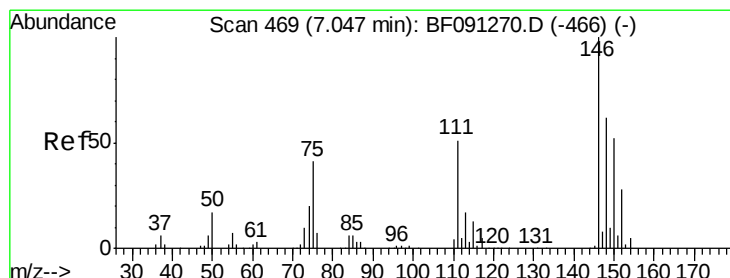
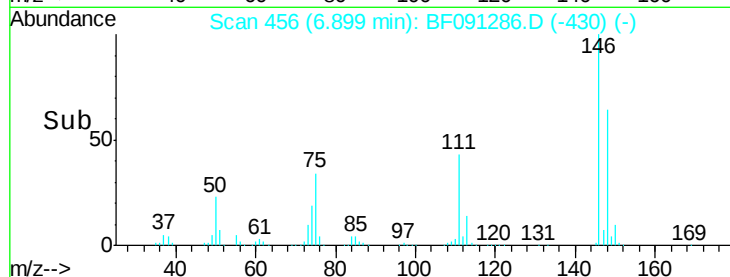
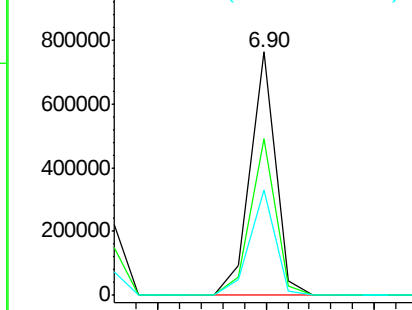


Abundance

Ion 146.00 (145.70 to 146.70): E

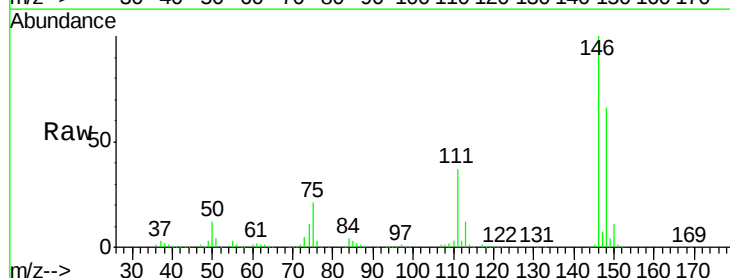
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 35.41 ng m
 RT: 7.06 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.0	76.6
111	37.3	38.9	58.3#

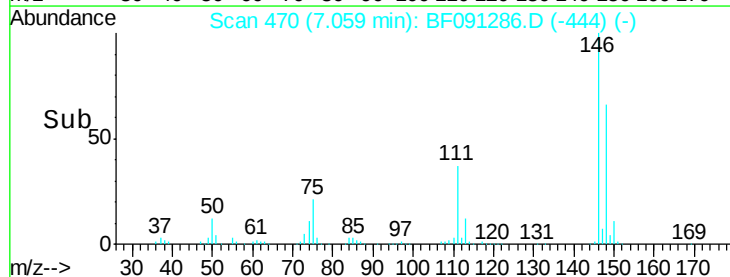
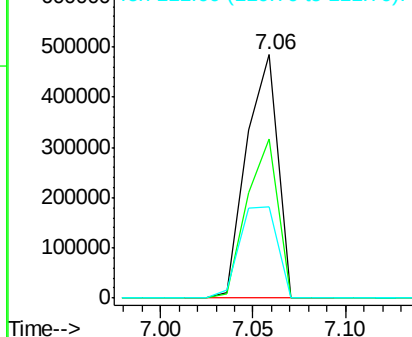


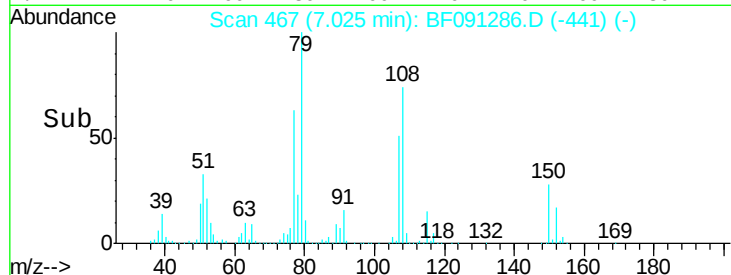
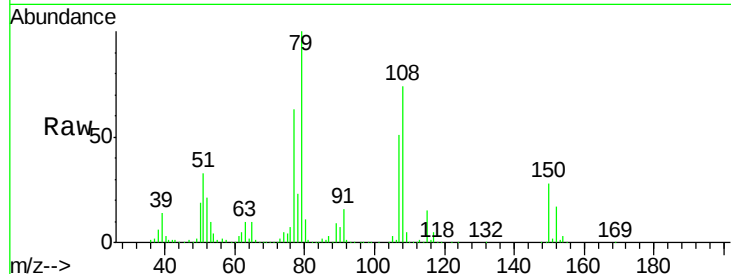
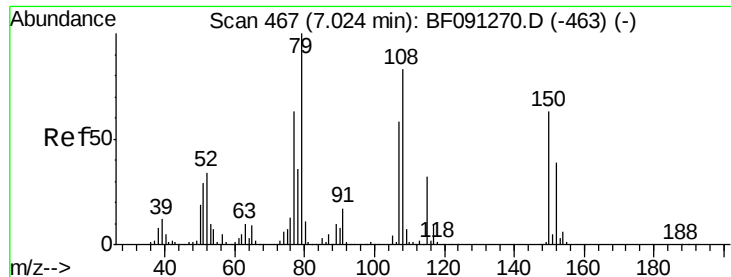
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.47 ng

RT: 7.02 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	79	Resp:	563500
Ion Ratio	Lower	Upper	
79	100		
108	73.6	62.7	94.1
77	63.2	51.7	77.5

Instrument :

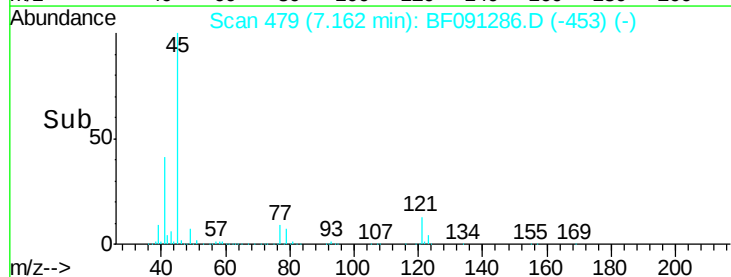
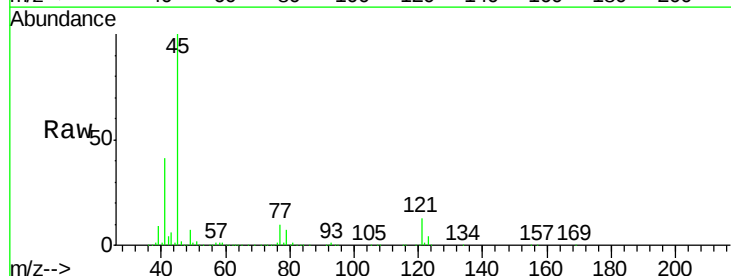
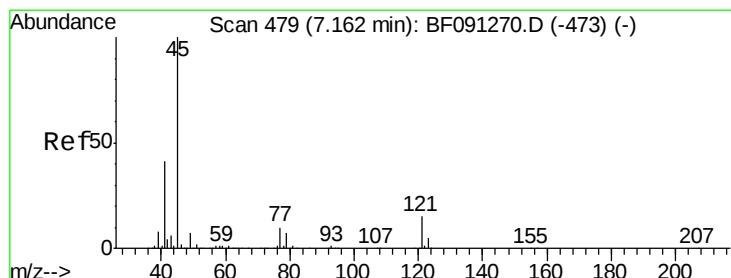
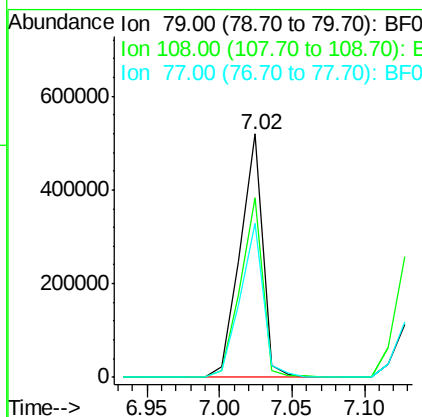
BNA_F

ClientSampleId :

SB-01(0-0.16)MS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.05 ng

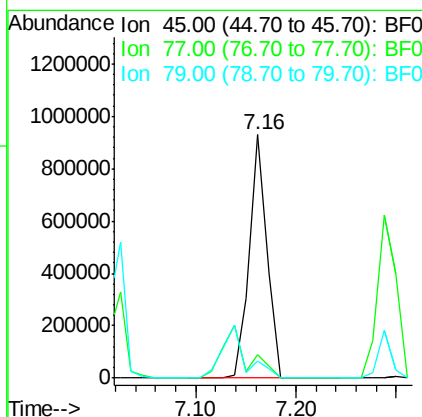
RT: 7.16 min Scan# 479

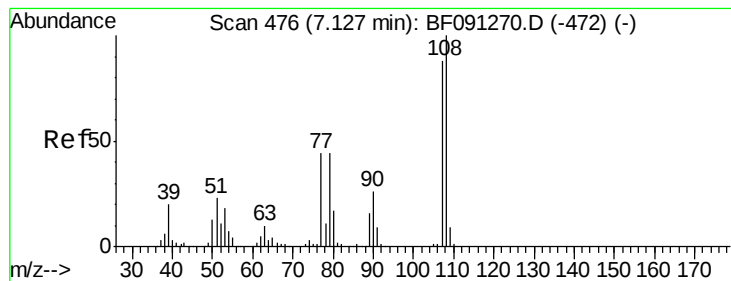
Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	45	Resp:	1130292
Ion Ratio	Lower	Upper	
45	100		
77	9.5	3.8	43.8
79	7.1	0.2	40.2





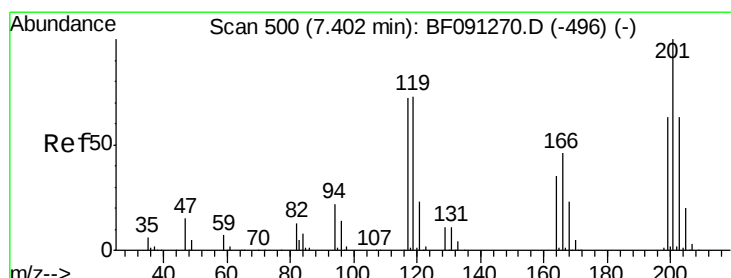
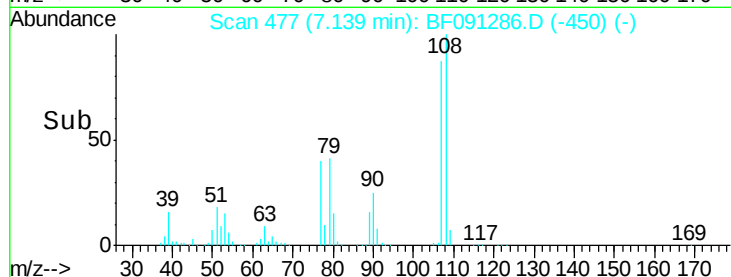
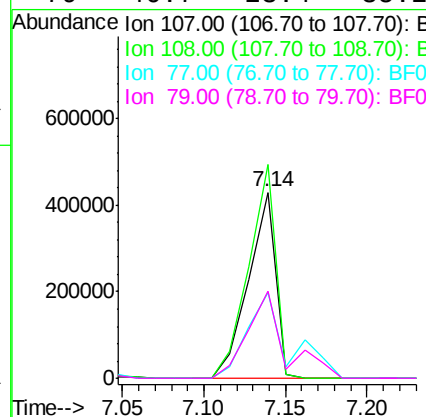
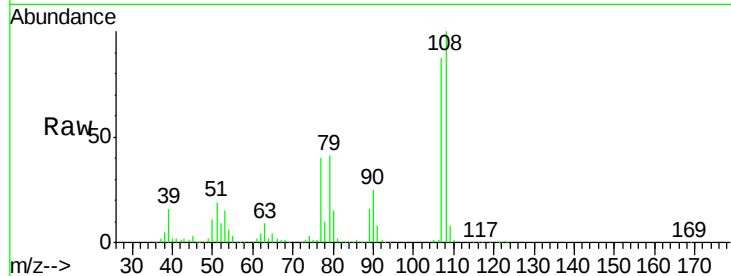
#17
2-Methylphenol
Concen: 41.23 ng
RT: 7.14 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	495982		
108	114.8	67.7	101.5#	
77	46.4	40.7	61.1	
79	46.7	23.4	35.2#	

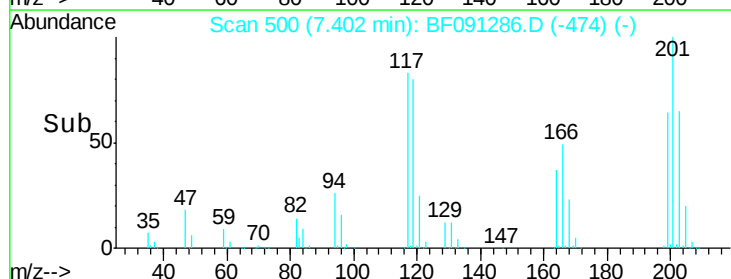
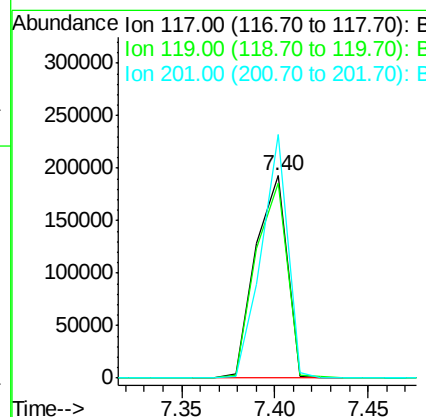
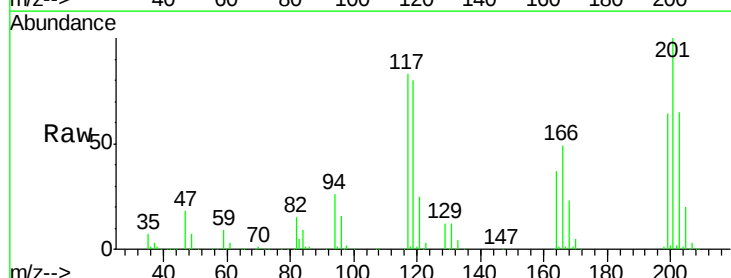
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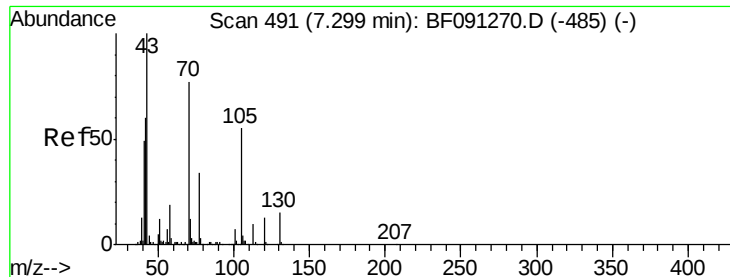
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#18
Hexachloroethane
Concen: 37.10 ng
RT: 7.40 min Scan# 500
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	224102		
119	96.1	78.6	118.0	
201	120.2	86.7	130.1	





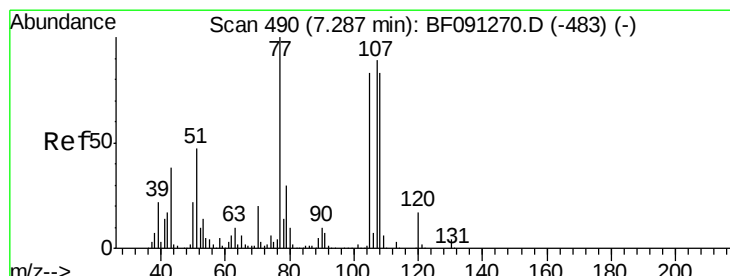
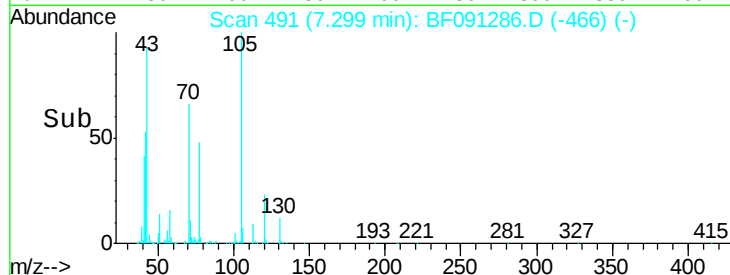
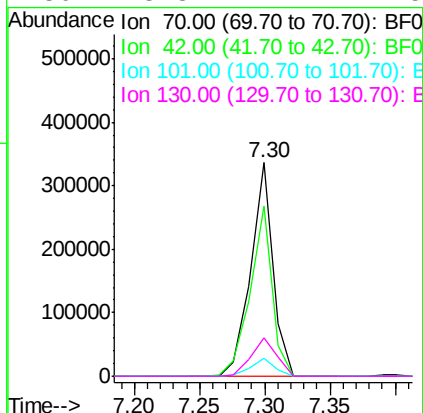
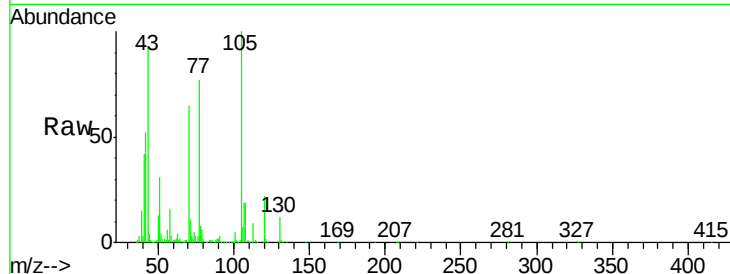
#19
n-Nitroso-di-n-propylamine
Concen: 35.65 ng
RT: 7.30 min Scan# 491
Delta R.T. -0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	80.0	64.8	97.2
101	8.1	6.2	9.4
130	18.3	11.7	17.5#

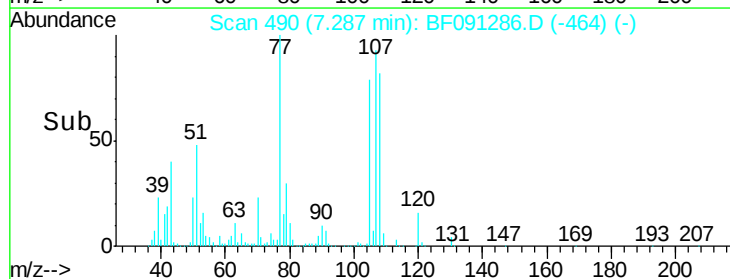
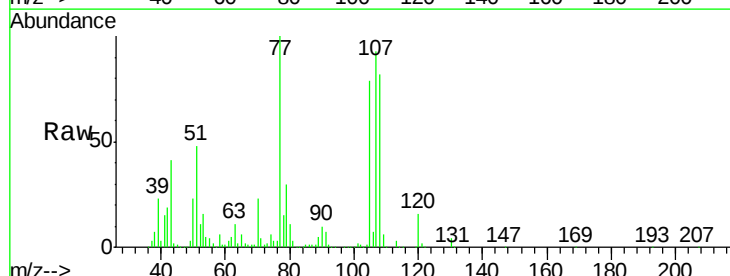
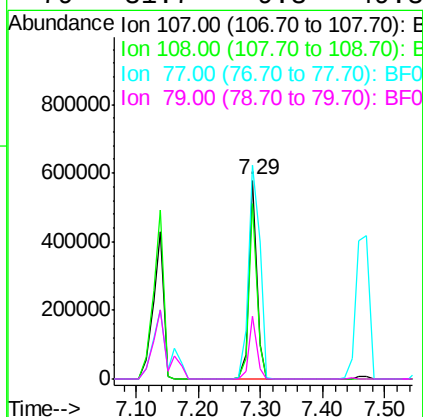
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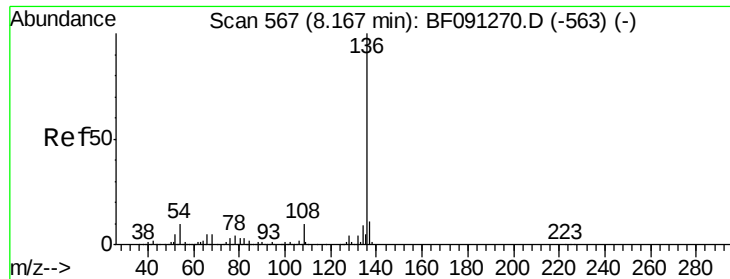
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#20
3+4-Methylphenols
Concen: 35.44 ng
RT: 7.29 min Scan# 490
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	64.6	104.6
77	107.4	30.9	70.9#
79	31.7	9.3	49.3





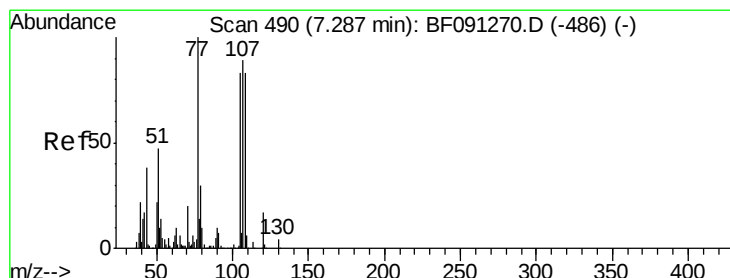
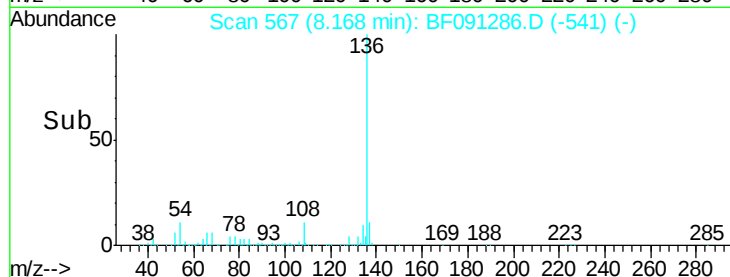
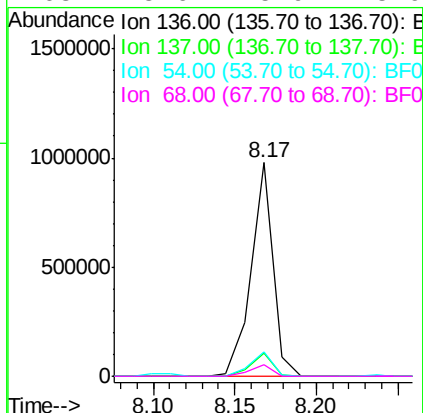
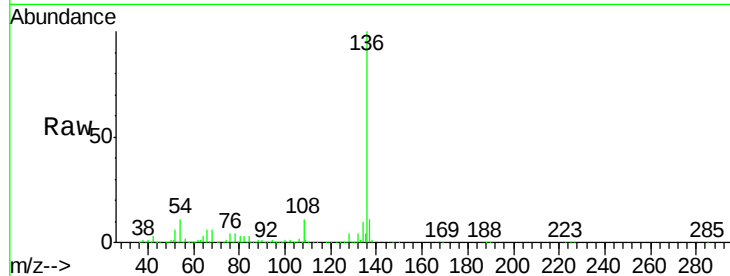
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 567
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
136	100		
137	11.0	9.1	13.7
54	11.5	9.1	13.7
68	5.6	5.9	8.9#

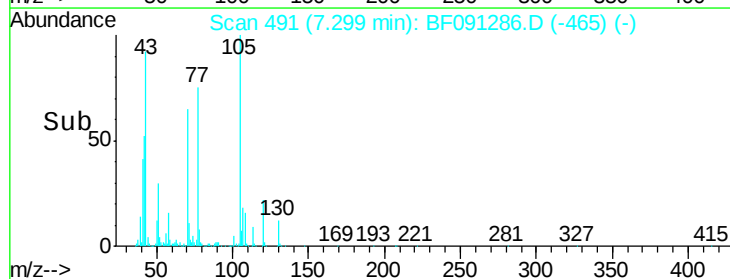
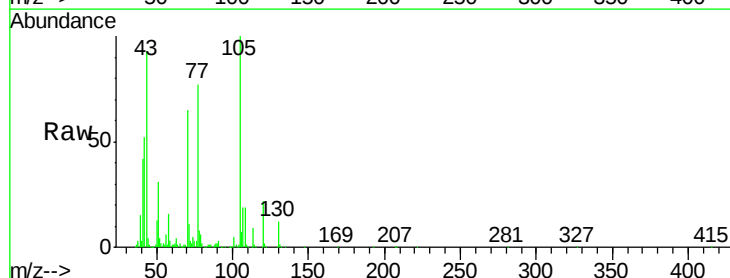
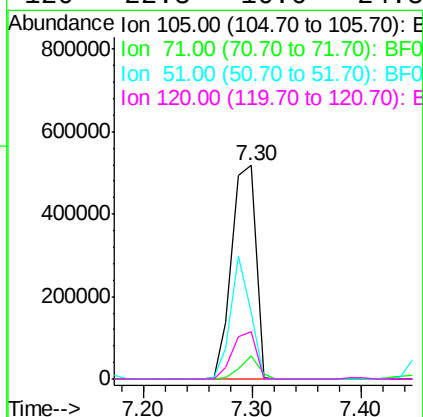
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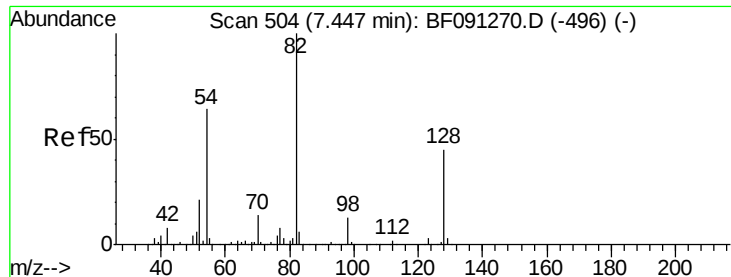
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#22
Acetophenone
Concen: 38.55 ng
RT: 7.30 min Scan# 491
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
71	10.7	7.9	11.9
51	31.3	24.5	36.7
120	22.3	16.6	24.8





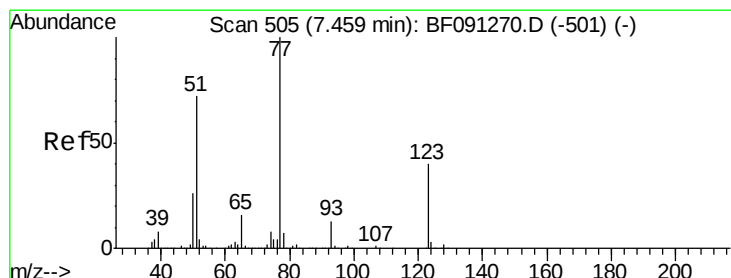
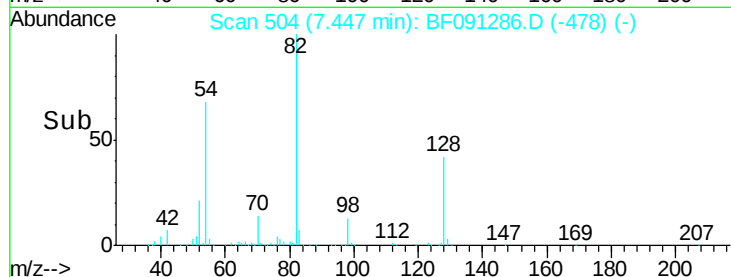
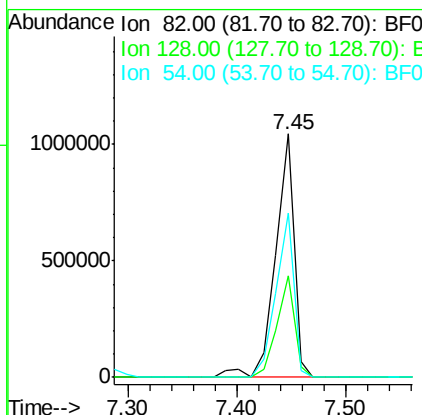
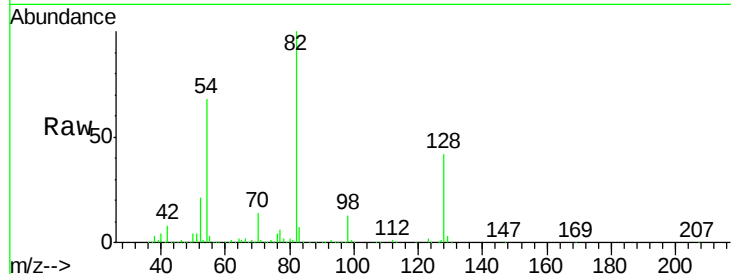
#23
 Nitrobenzene-d5
 Concen: 78.42 ng
 RT: 7.45 min Scan# 504
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.7	31.8	47.6
54	67.7	49.1	73.7

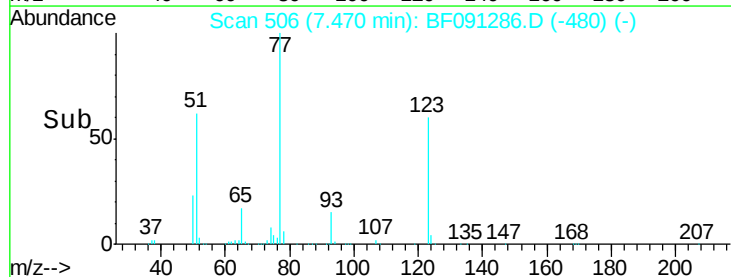
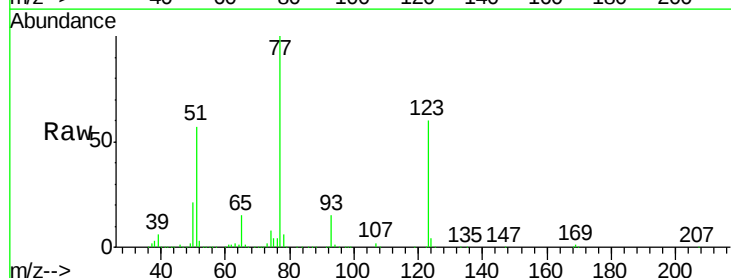
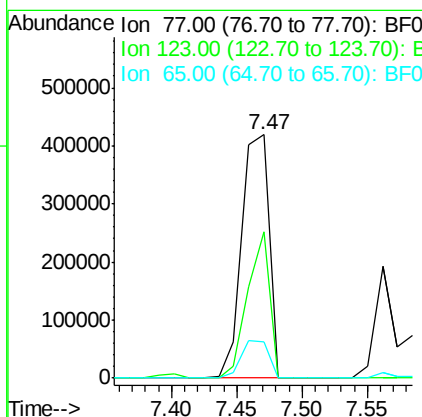
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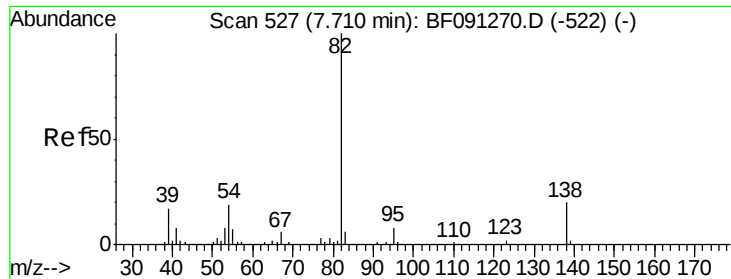
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#24
 Nitrobenzene
 Concen: 36.56 ng
 RT: 7.47 min Scan# 506
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	60.2	28.5	42.7#
65	14.7	12.5	18.7





#25

Isophorone

Concen: 39.50 ng

RT: 7.71 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion: 82 Resp: 1166798

Ion Ratio Lower Upper

82 100

95 7.6 5.7 8.5

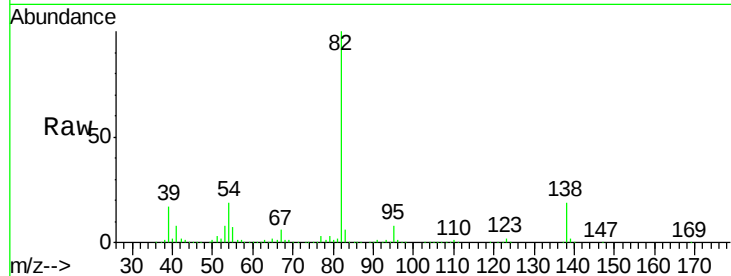
138 19.1 13.4 20.0

Manual Integrations

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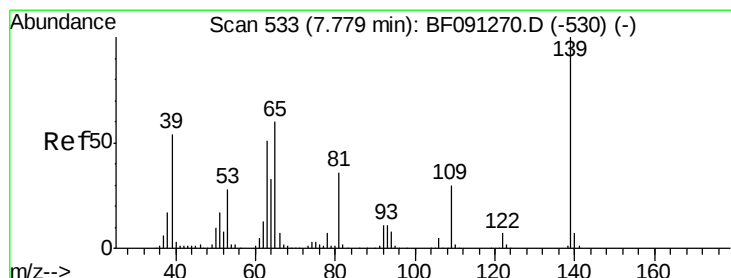
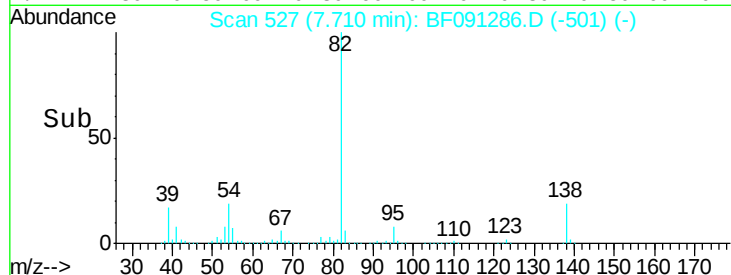
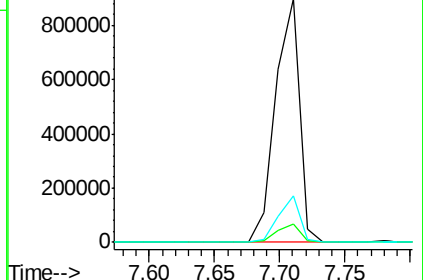
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Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 39.05 ng

RT: 7.78 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

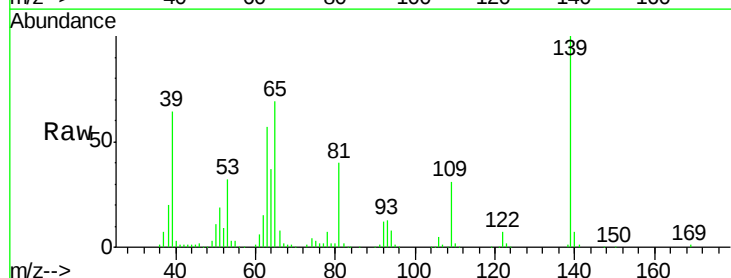
Tgt Ion: 139 Resp: 262021

Ion Ratio Lower Upper

139 100

109 31.4 25.3 37.9

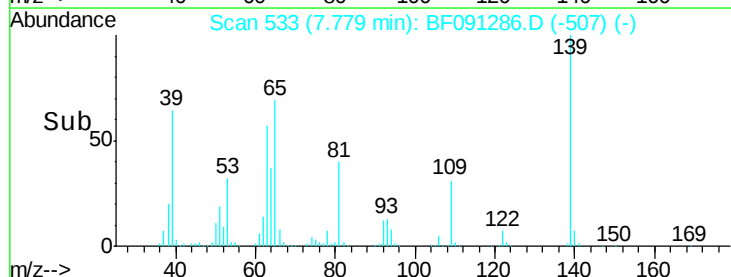
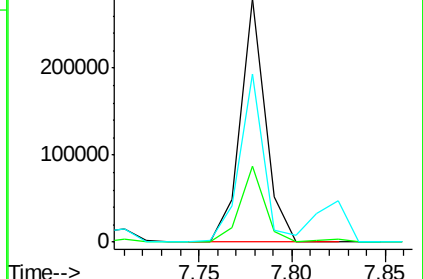
65 69.0 55.4 83.2

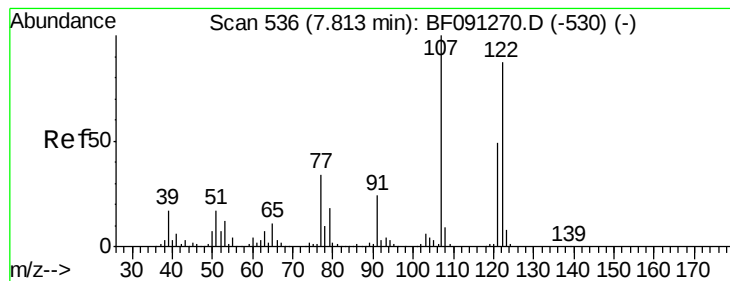


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 40.02 ng

RT: 7.82 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

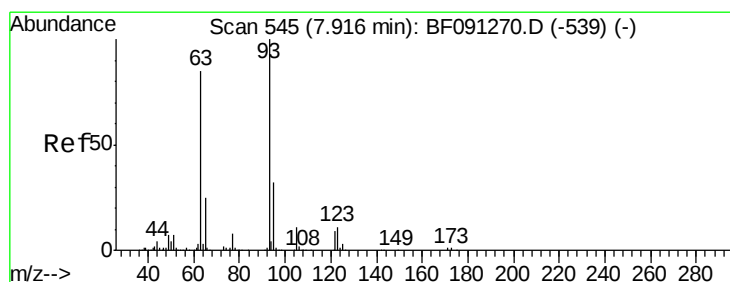
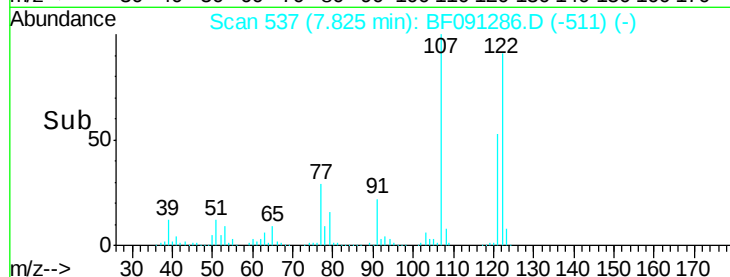
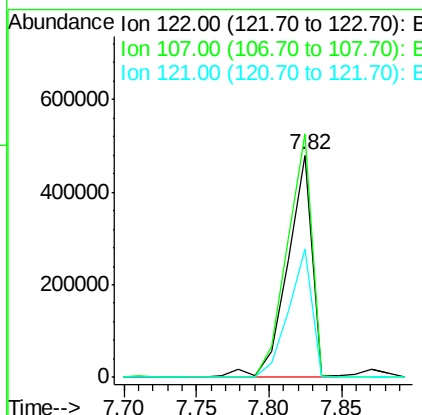
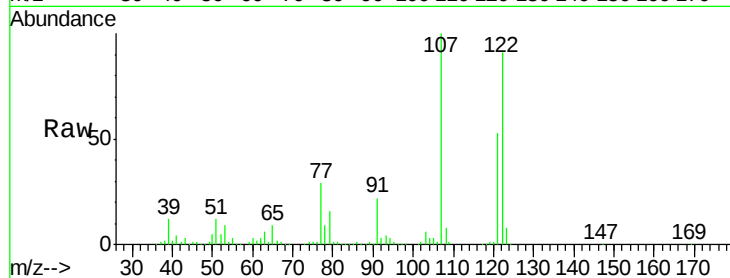
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	563666		
107	109.7	96.8	145.2	
121	57.9	47.7	71.5	

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#28

bis(2-Chloroethoxy)methane

Concen: 37.91 ng

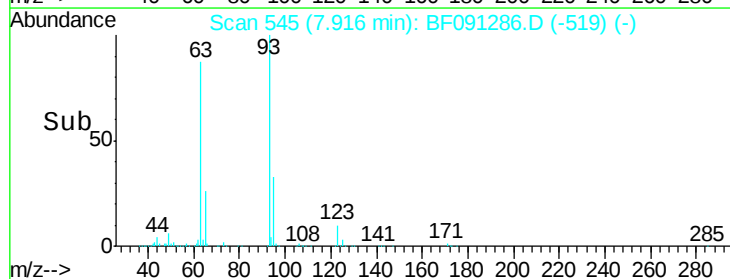
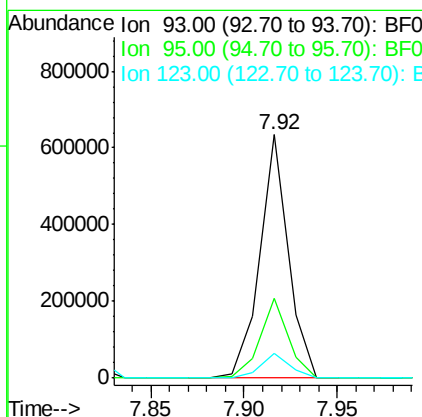
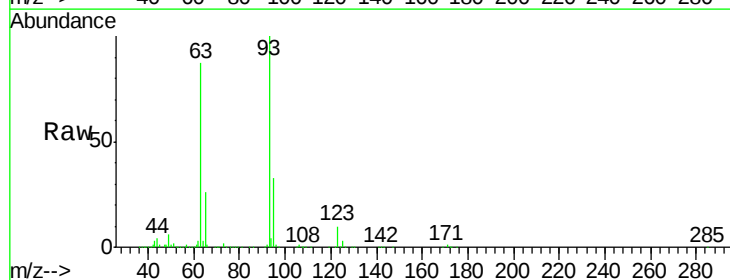
RT: 7.92 min Scan# 545

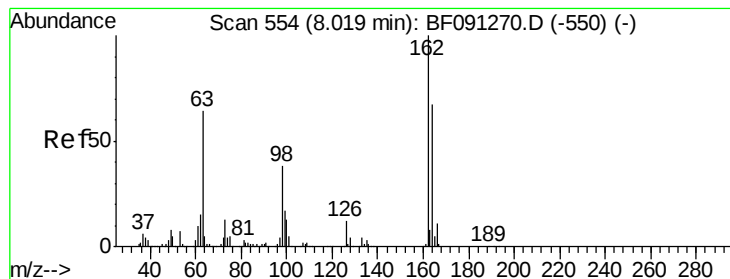
Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	666626		
95	32.7	26.0	39.0	
123	10.1	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 35.88 ng

RT: 8.02 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

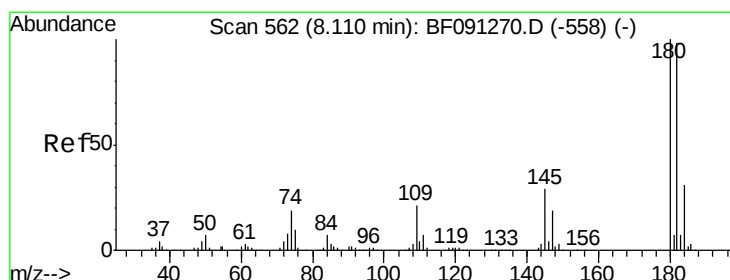
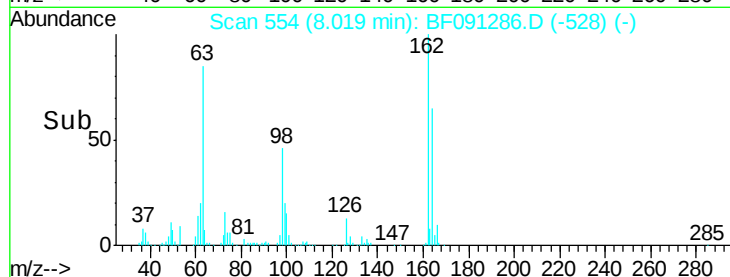
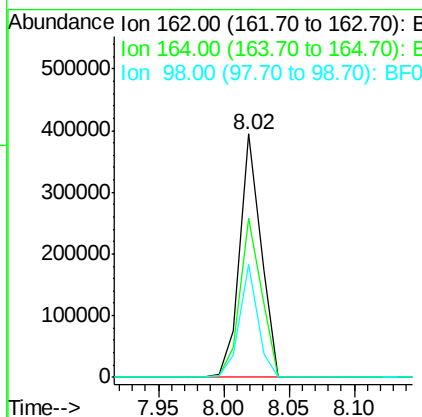
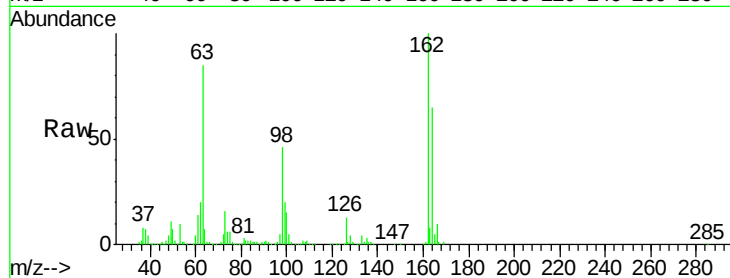
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	162	Resp:	446519
Ion Ratio	Lower	Upper	
162	100		
164	65.1	45.0	85.0
98	46.2	21.3	61.3

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 37.73 ng

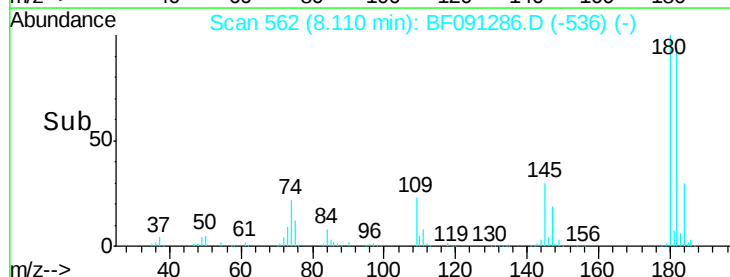
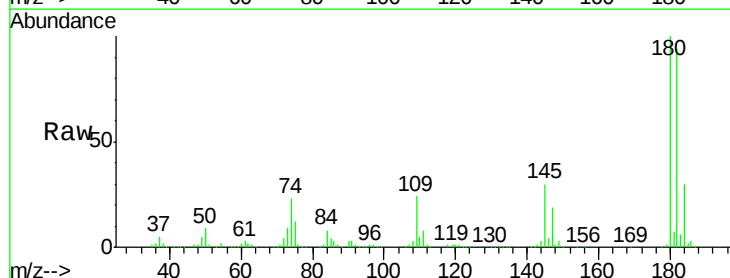
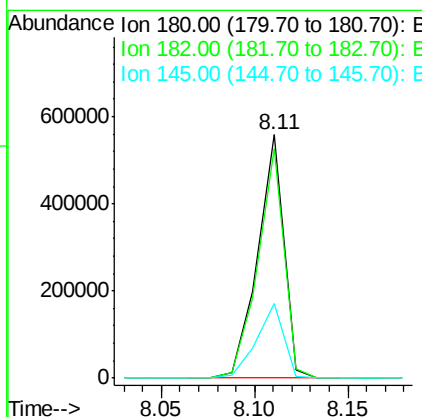
RT: 8.11 min Scan# 562

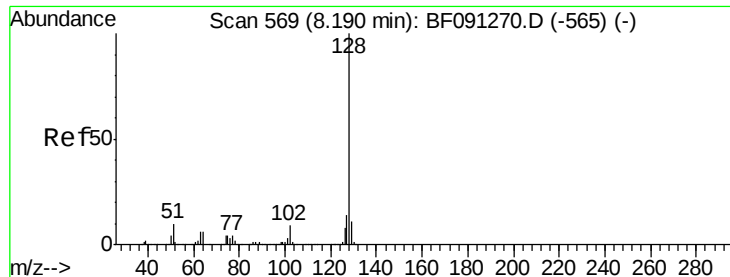
Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	180	Resp:	540821
Ion Ratio	Lower	Upper	
180	100		
182	94.1	75.8	113.8
145	30.5	27.0	40.4





#31

Naphthalene

Concen: 38.37 ng

RT: 8.19 min Scan# 569

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:128 Resp: 1679985

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

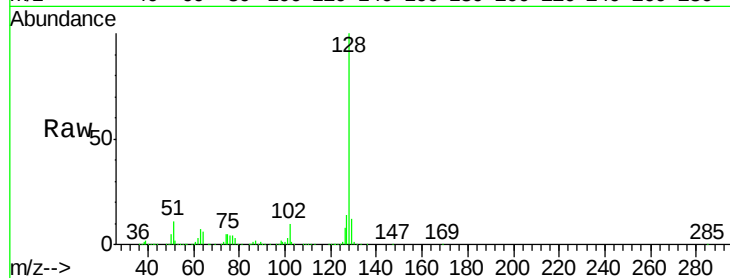
127 13.6 11.0 16.4

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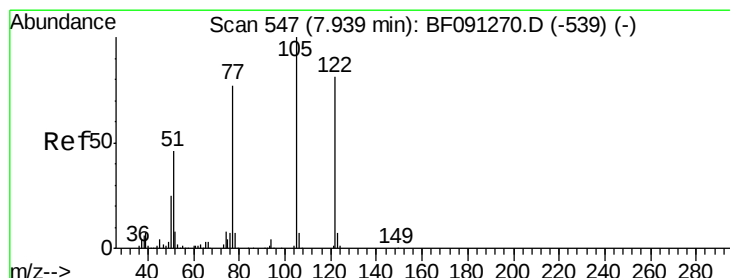
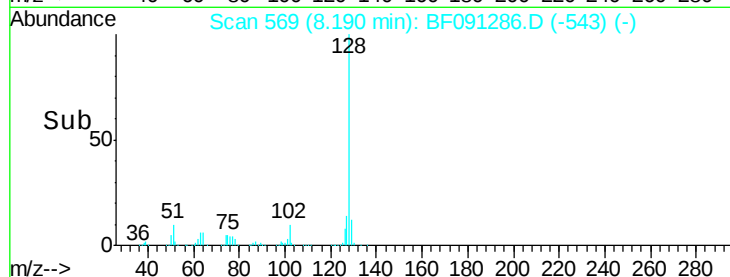
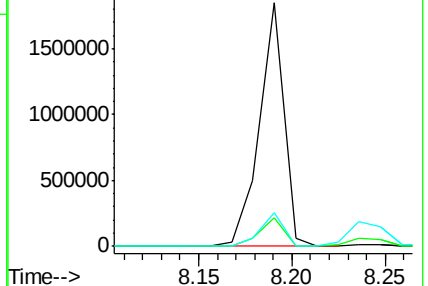
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 2.10 ng

RT: 7.87 min Scan# 541

Delta R.T. -0.09 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

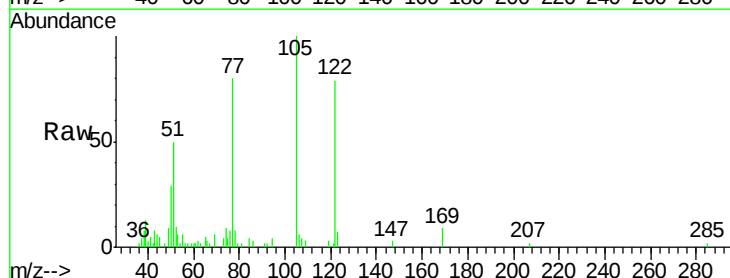
Tgt Ion:122 Resp: 23309

Ion Ratio Lower Upper

122 100

105 126.7 113.0 153.0

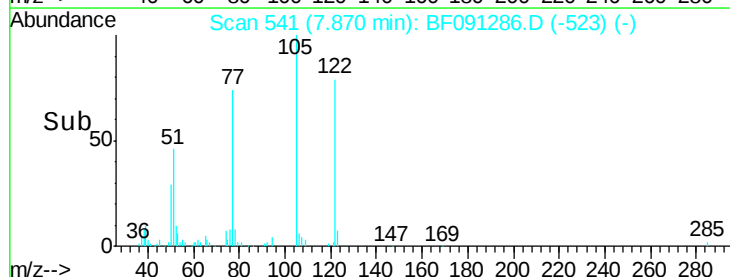
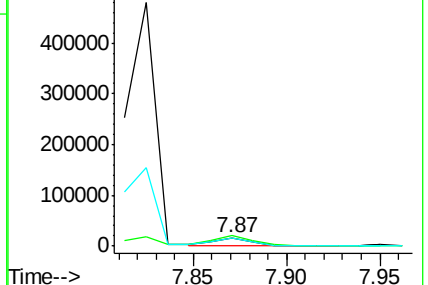
77 101.2 82.0 122.0

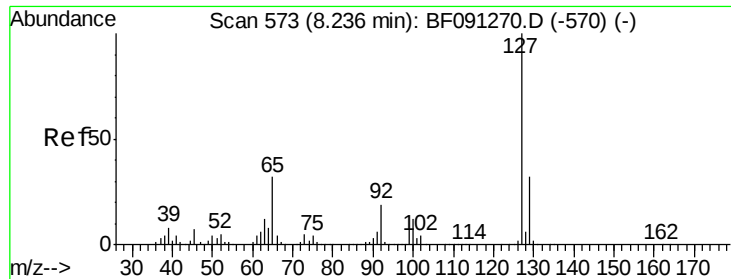


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





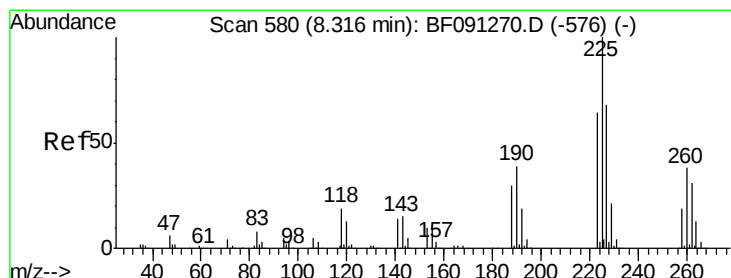
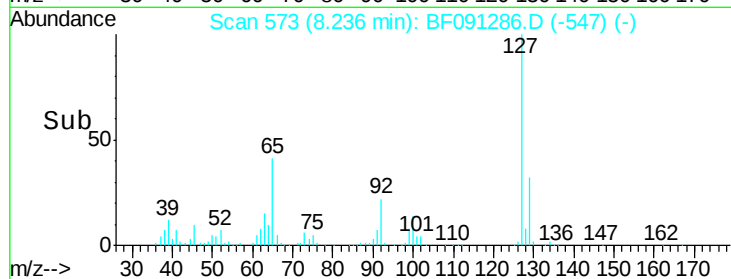
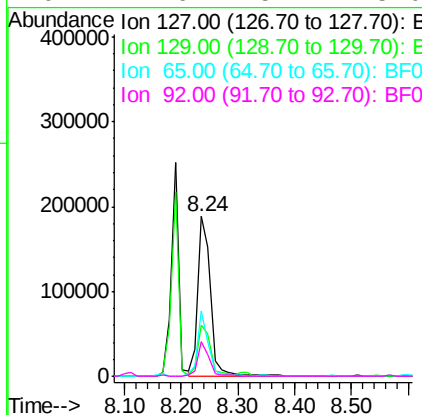
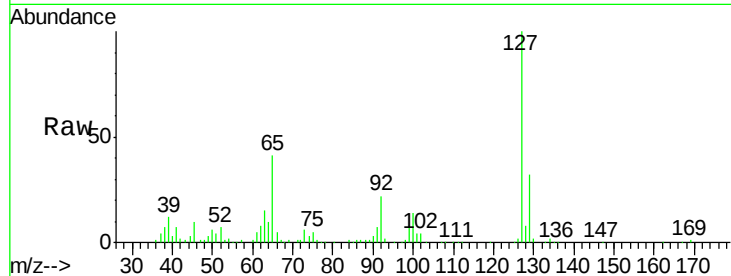
#33
4-Chloroaniline
Concen: 14.89 ng
RT: 8.24 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	283730		
129	31.9	26.2	39.4	
65	40.8	26.6	39.8	
92	21.6	15.4	23.0	

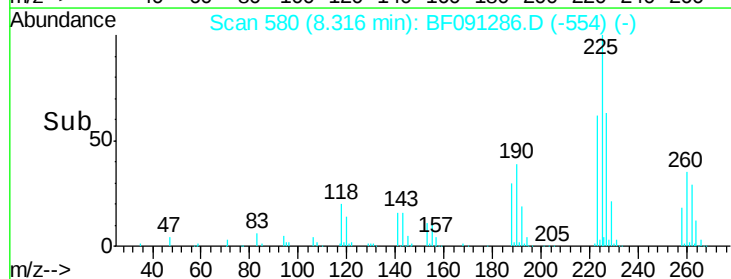
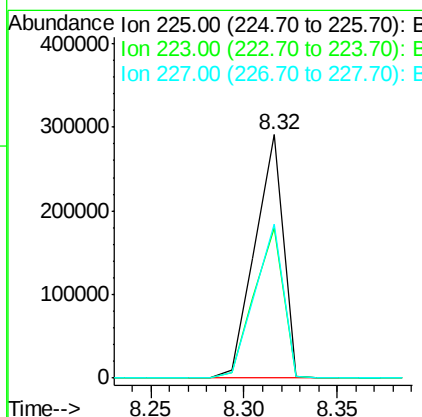
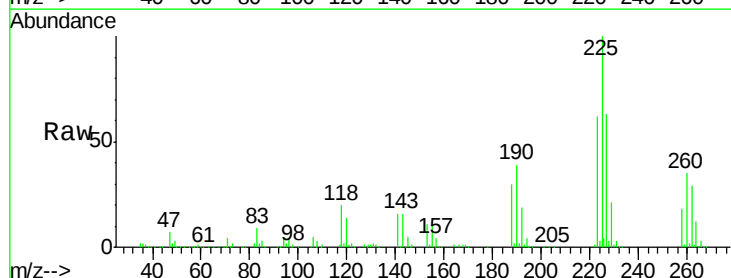
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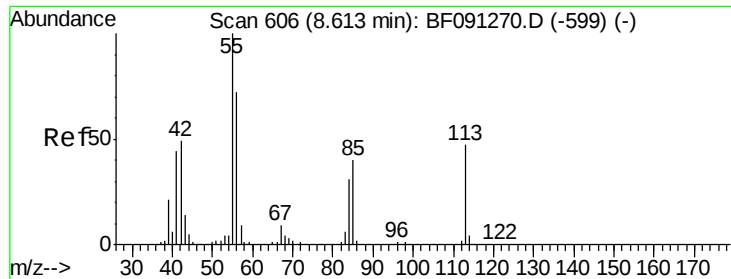
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#34
Hexachlorobutadiene
Concen: 36.14 ng
RT: 8.32 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	306315		
223	61.7	49.8	74.6	
227	63.4	52.6	79.0	





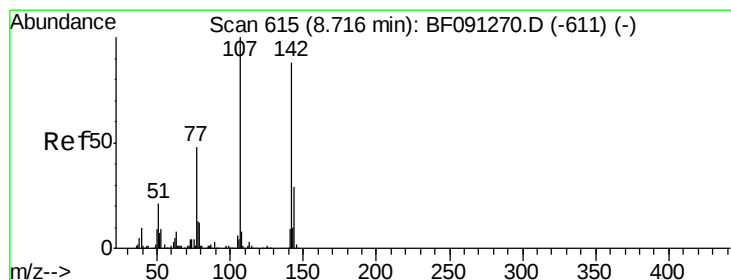
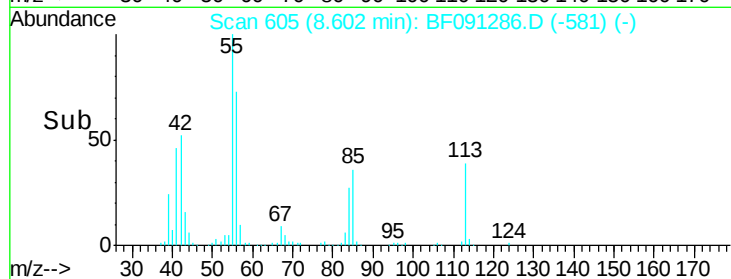
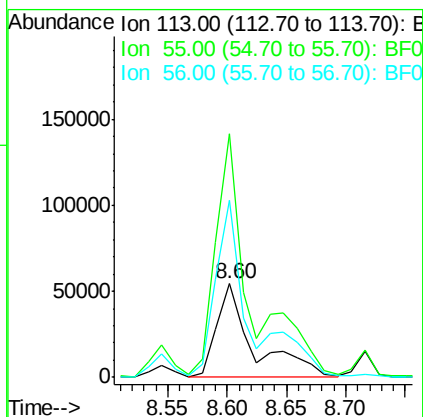
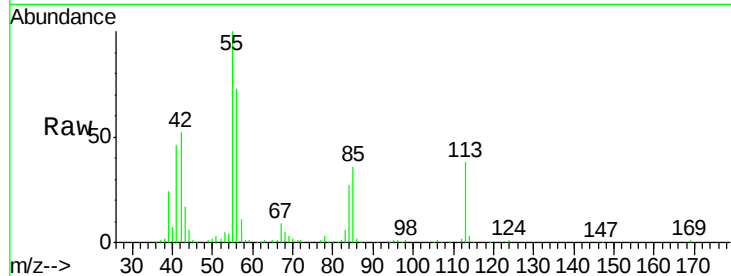
#35
 Caprolactam
 Concen: 30.45 ng
 RT: 8.60 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	260.3	239.8	279.8
56	189.9	165.6	205.6

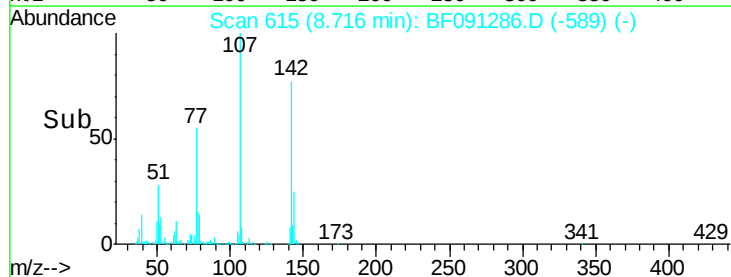
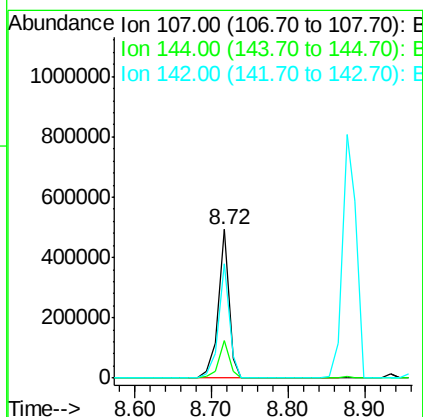
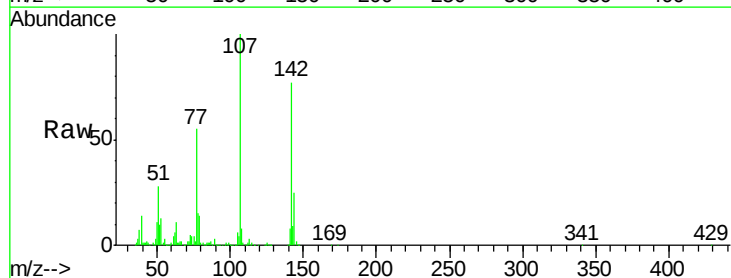
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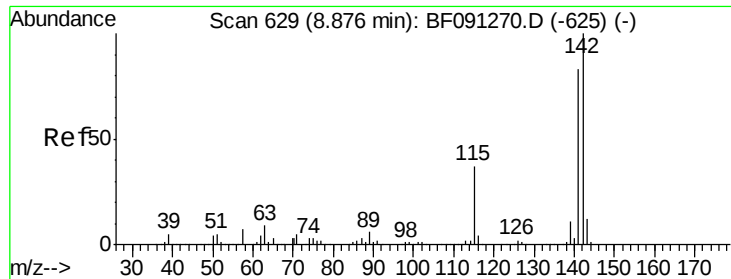
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#36
 4-Chloro-3-methylphenol
 Concen: 35.82 ng
 RT: 8.72 min Scan# 615
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	18.9	28.3
142	77.0	58.5	87.7





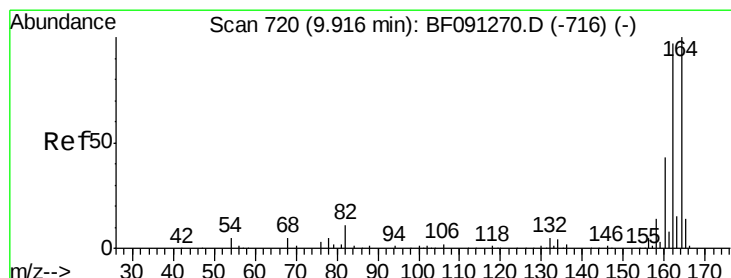
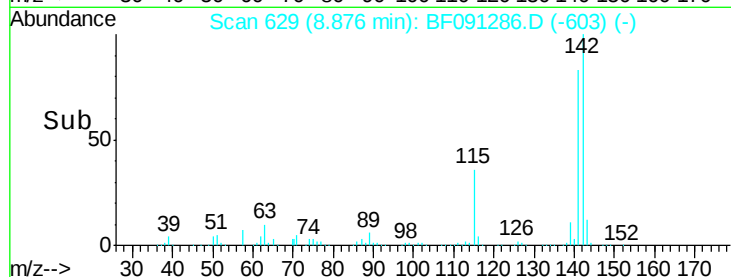
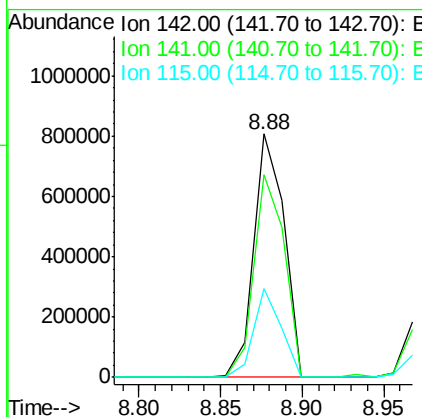
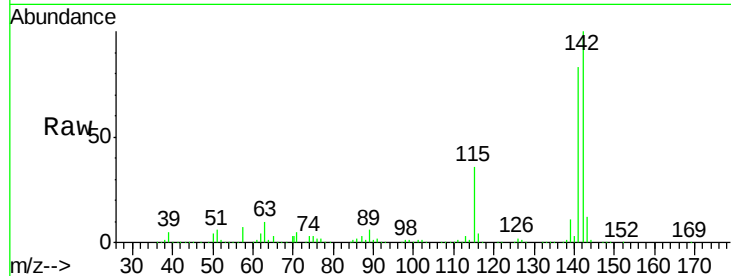
#37
 2-Methylnaphthalene
 Concen: 34.65 ng
 RT: 8.88 min Scan# 629
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion:142 Resp: 1041284
 Ion Ratio Lower Upper
 142 100
 141 83.1 71.7 107.5
 115 36.5 25.0 37.6

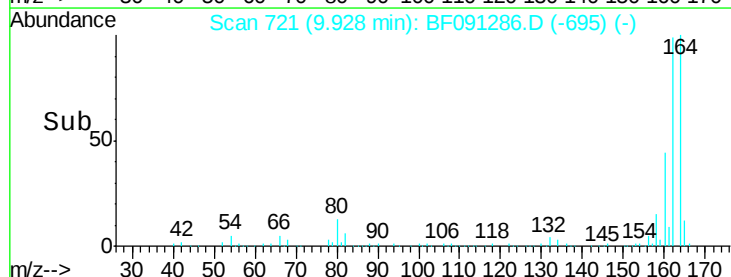
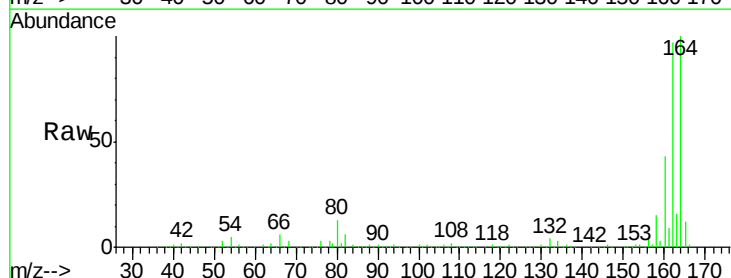
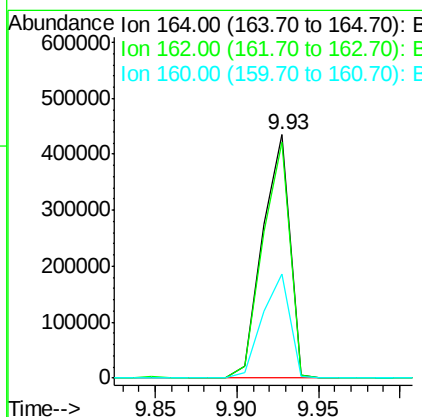
Manual Integrations
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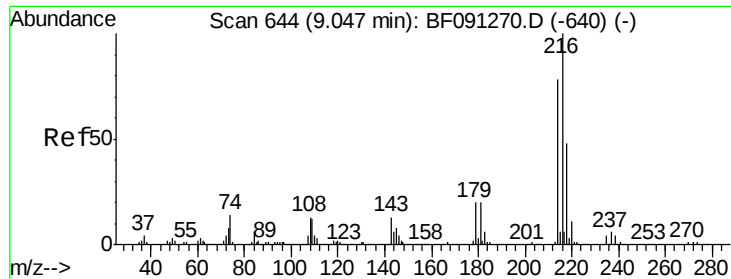
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 721
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:164 Resp: 505799
 Ion Ratio Lower Upper
 164 100
 162 97.0 82.6 124.0
 160 42.8 36.7 55.1





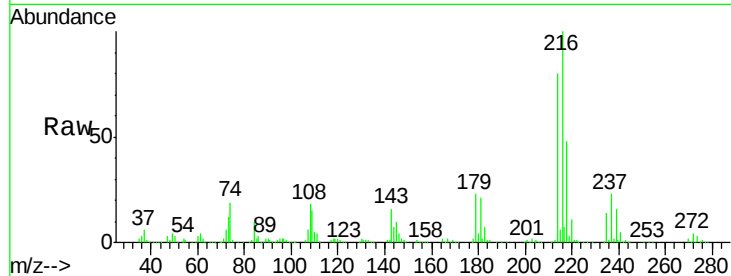
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.41 ng
 RT: 9.05 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

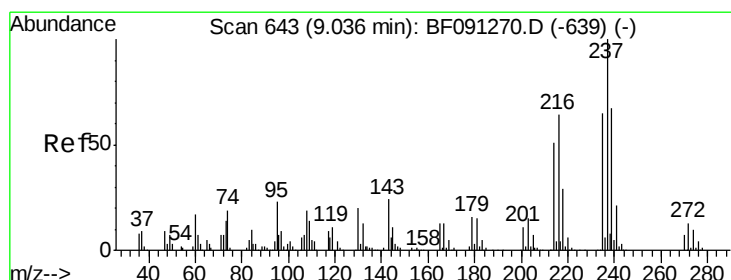
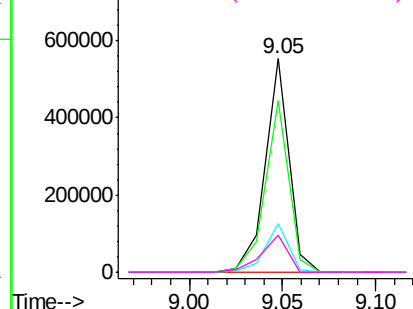
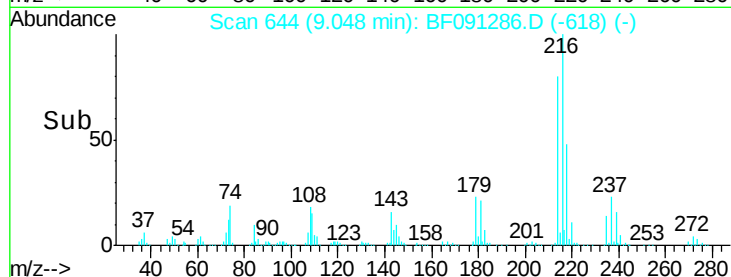
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	485320		
214	79.9	63.8	95.8	
179	22.4	18.2	27.2	
108	19.8	17.2	25.8	

Manual Integrations
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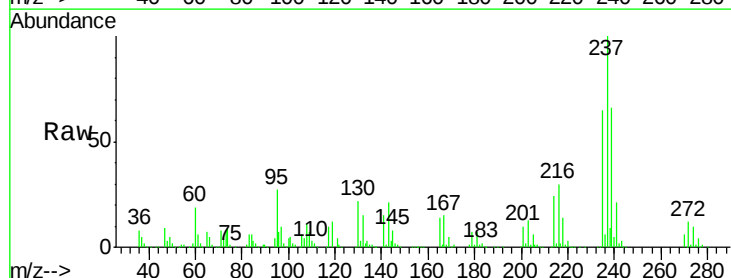


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

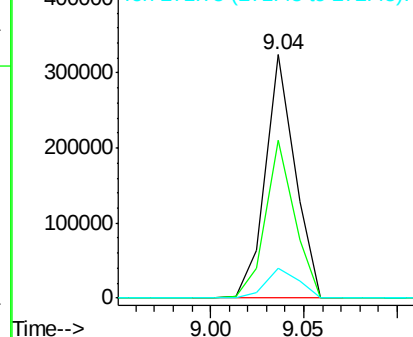
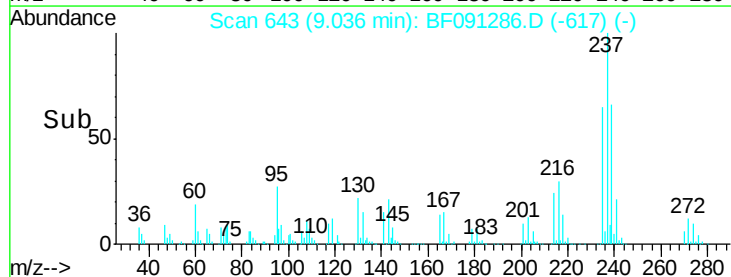


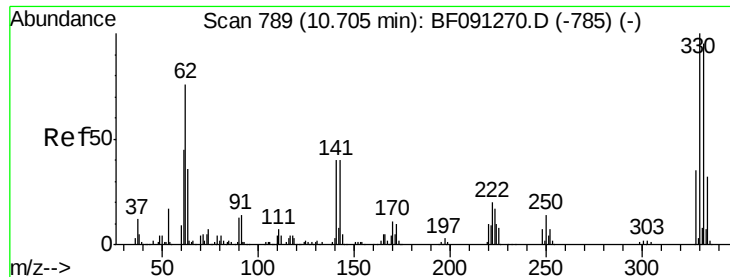
#40
 Hexachlorocyclopentadiene
 Concen: 58.13 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	356646		
235	64.7	43.9	83.9	
272	12.2	0.0	33.1	



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





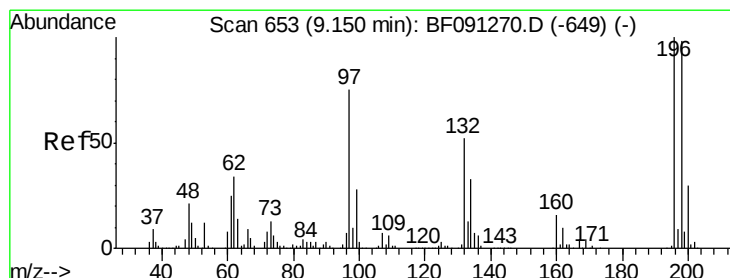
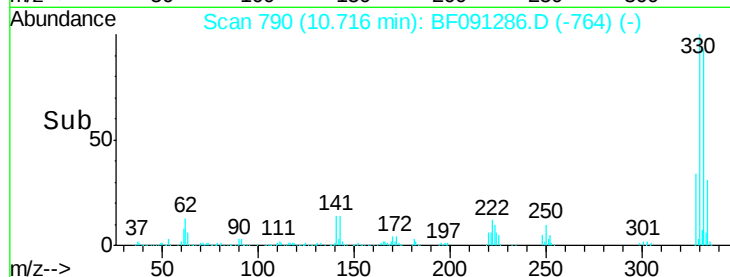
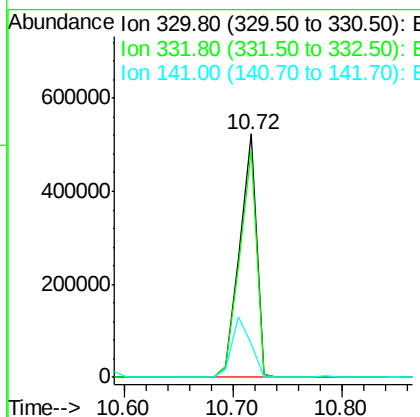
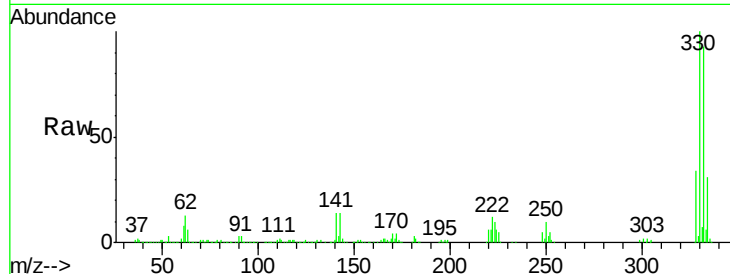
#41
 2,4,6-Tribromophenol
 Concen: 109.28 ng
 RT: 10.72 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	557399		
332	93.8	76.2	114.4	
141	27.5	33.6	50.4#	

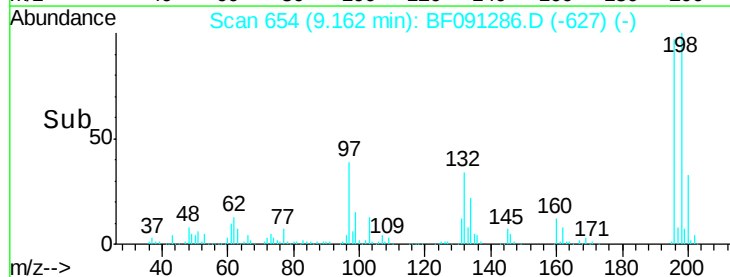
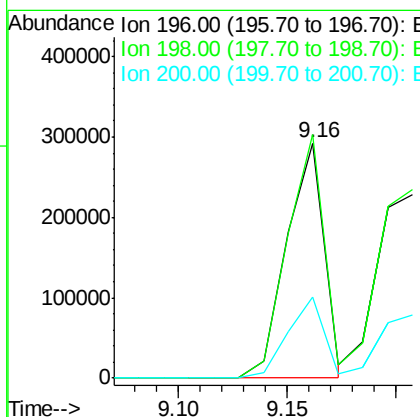
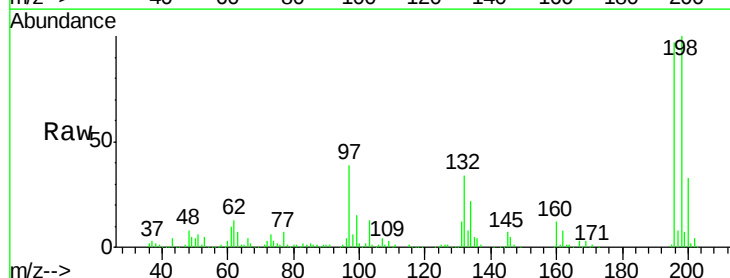
Manual Integrations
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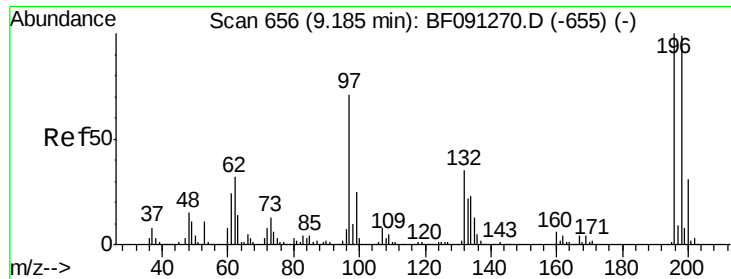
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#42
 2,4,6-Trichlorophenol
 Concen: 37.12 ng
 RT: 9.16 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	350925		
198	103.6	77.4	116.0	
200	34.6	25.2	37.8	





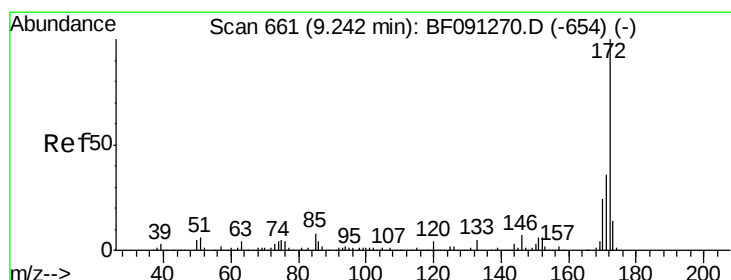
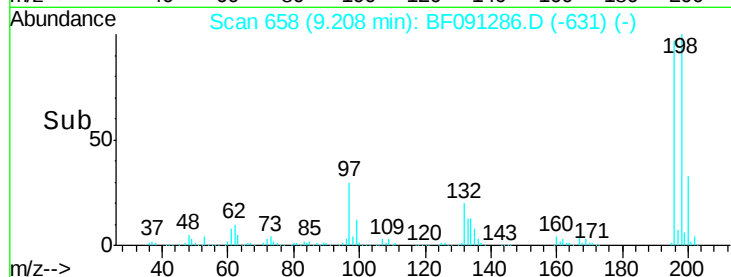
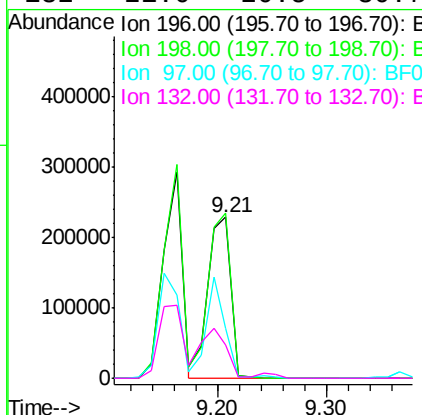
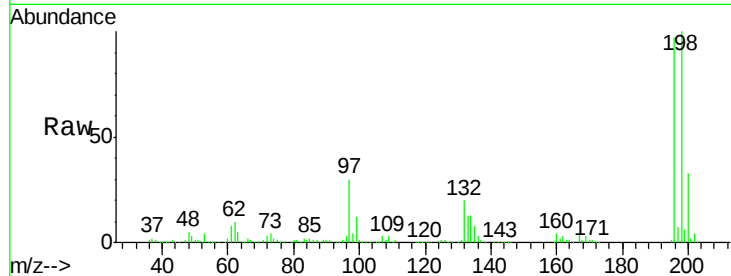
#43
 2,4,5-Trichlorophenol
 Concen: 37.17 ng
 RT: 9.21 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	337538		
198	102.8	77.0	115.6	
97	30.9	33.5	50.3	
132	21.0	20.5	30.7	

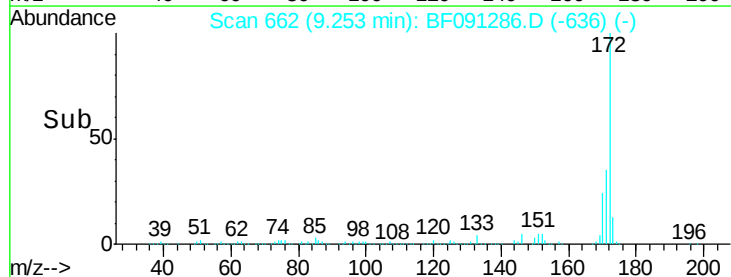
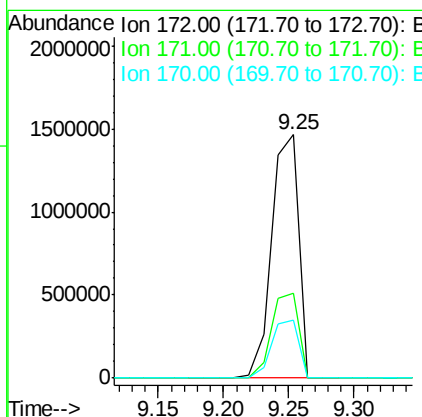
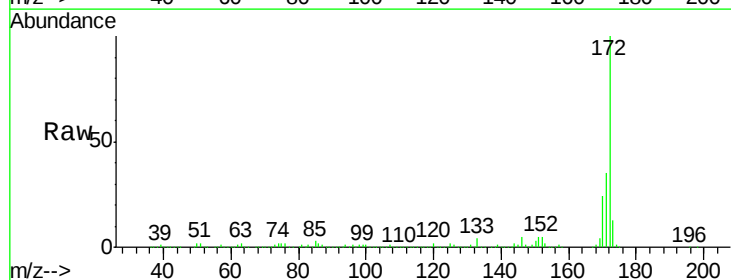
Manual Integrations
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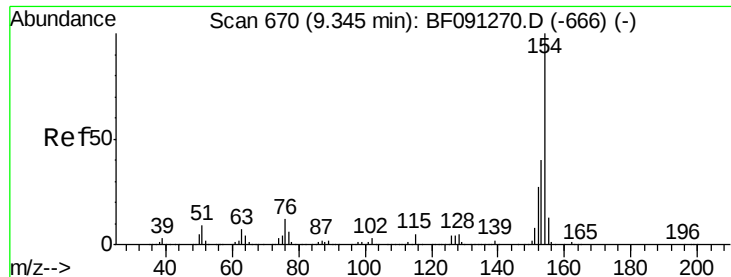
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#44
 2-Fluorobiphenyl
 Concen: 68.76 ng
 RT: 9.25 min Scan# 662
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2124163		
171	34.9	29.4	44.0	
170	23.8	19.7	29.5	





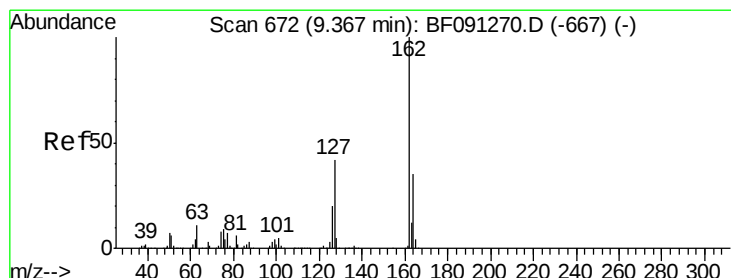
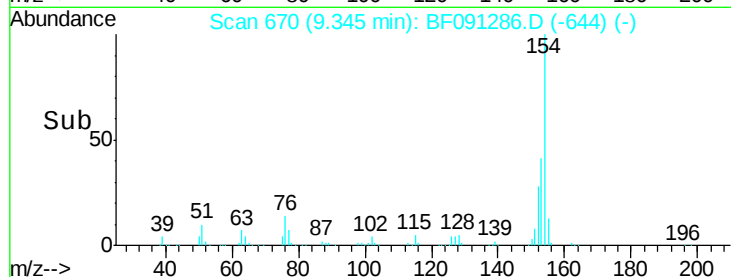
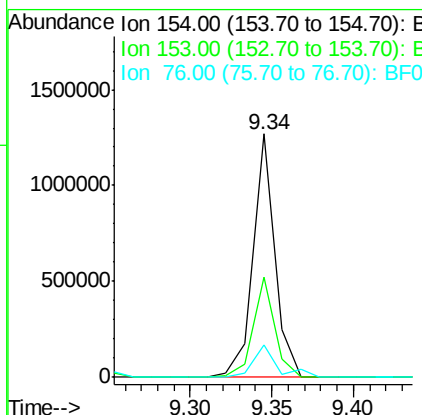
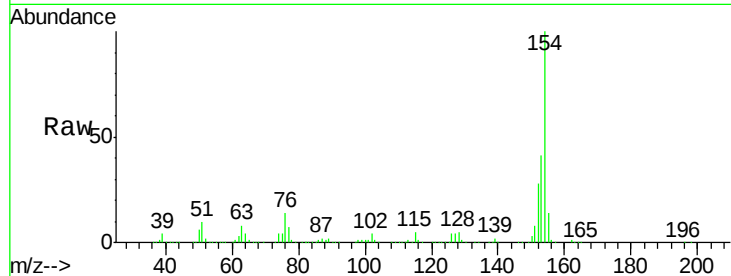
#45
 1,1'-Biphenyl
 Concen: 32.18 ng
 RT: 9.34 min Scan# 670
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.6	60.6
76	13.5	0.0	36.6

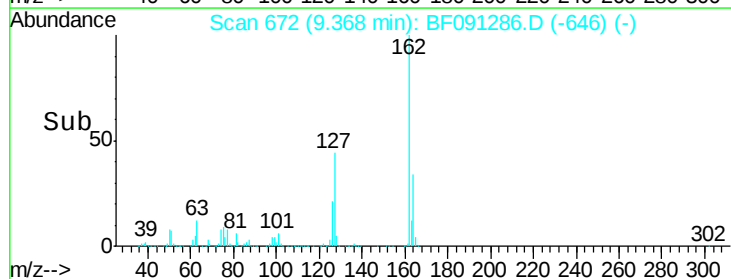
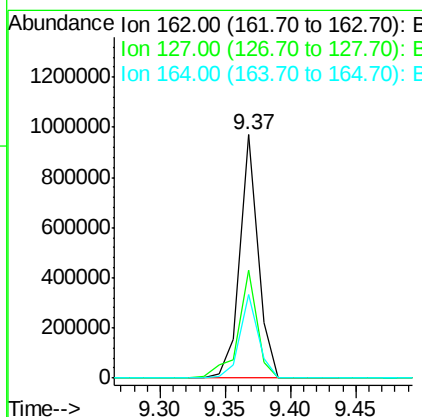
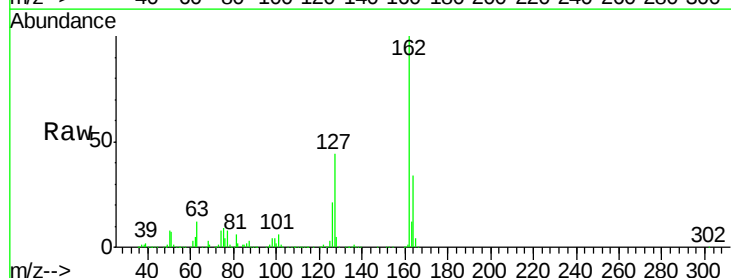
Manual Integrations
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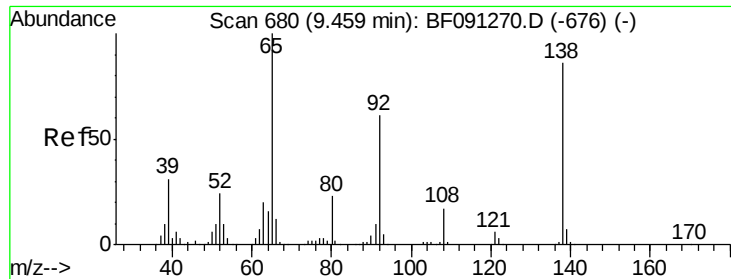
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#46
 2-Chloronaphthalene
 Concen: 35.00 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.4	34.3	51.5
164	34.4	26.6	40.0





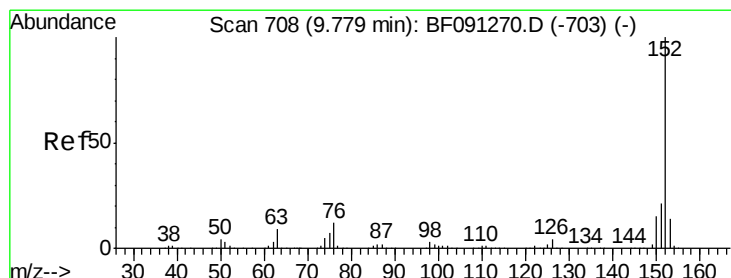
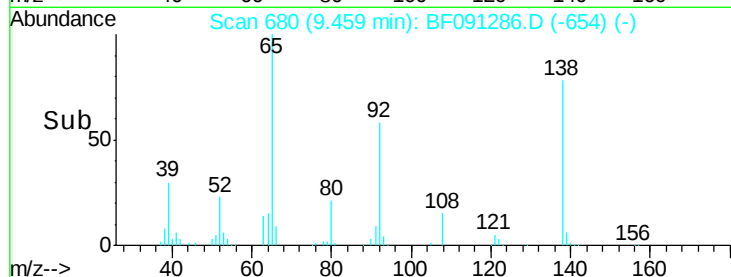
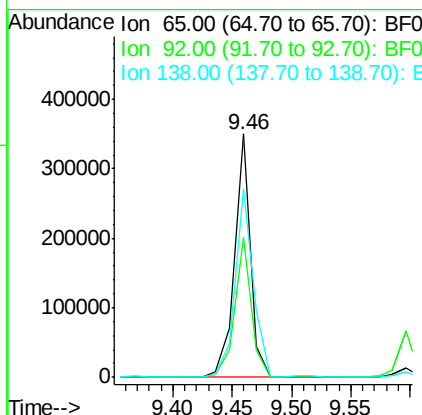
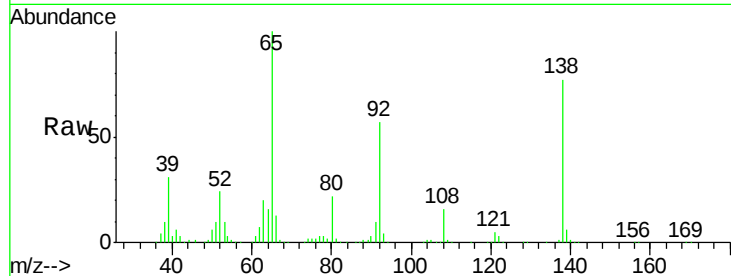
#47
2-Nitroaniline
Concen: 36.16 ng
RT: 9.46 min Scan# 680
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion: 65 Resp: 327737
Ion Ratio Lower Upper
65 100
92 57.2 53.6 80.4
138 77.2 91.0 136.6#

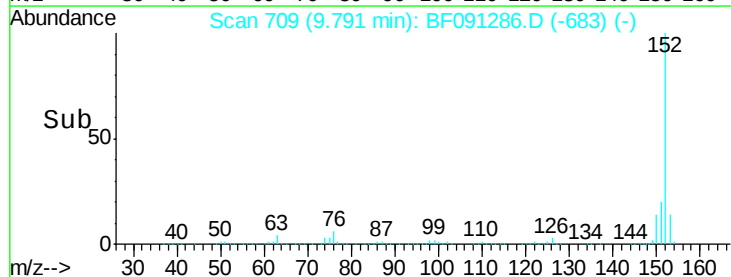
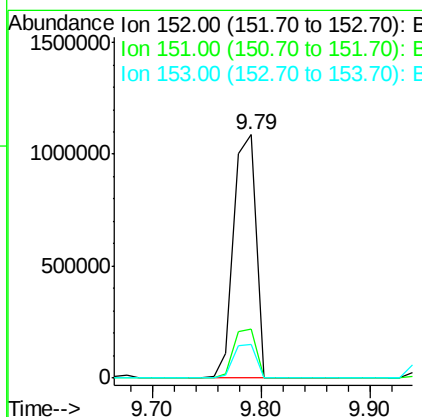
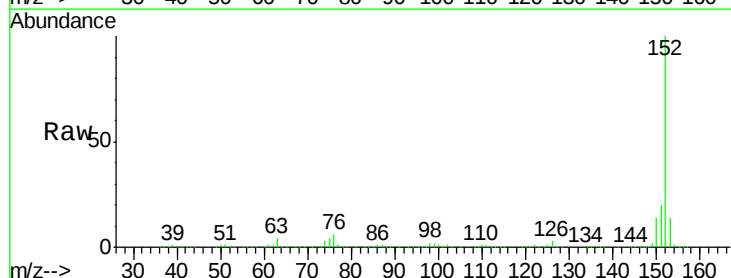
Manual Integrations
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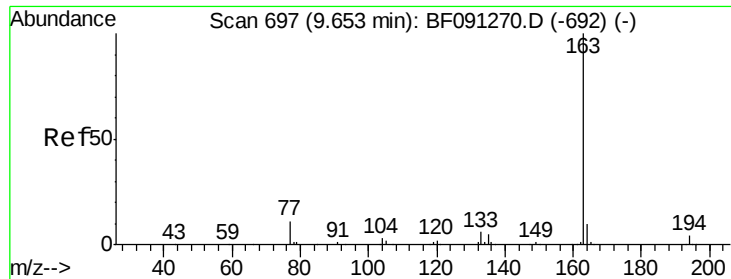
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#48
Acenaphthylene
Concen: 35.48 ng
RT: 9.79 min Scan# 709
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion: 152 Resp: 1518999
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 13.7 10.7 16.1





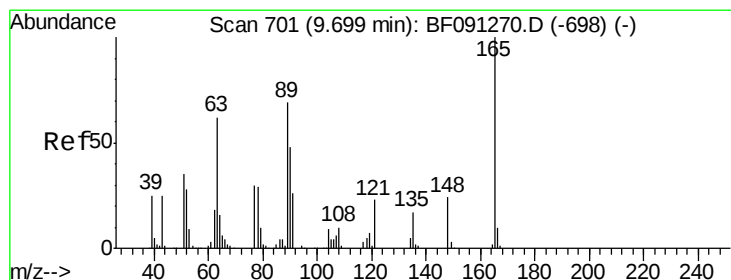
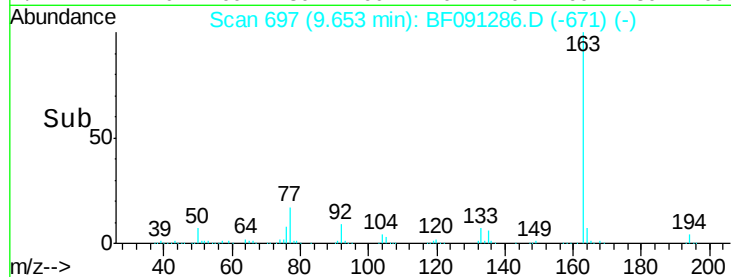
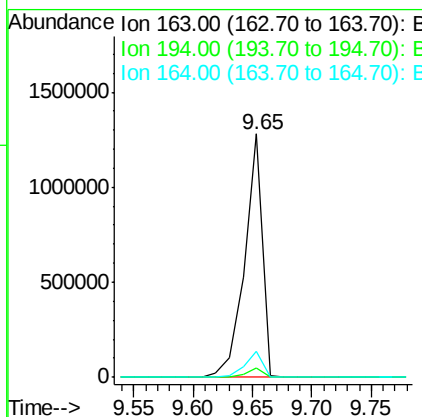
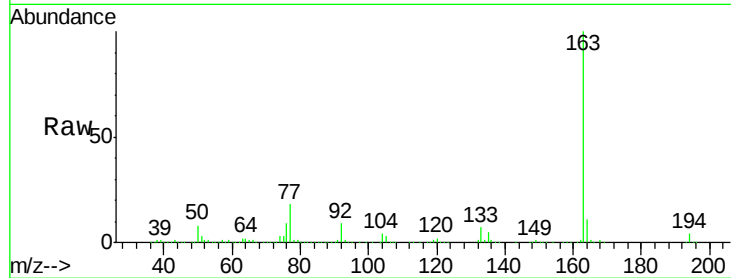
#49
Dimethylphthalate
Concen: 42.24 ng
RT: 9.65 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion:163 Resp: 1333906
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.5 7.8 11.8

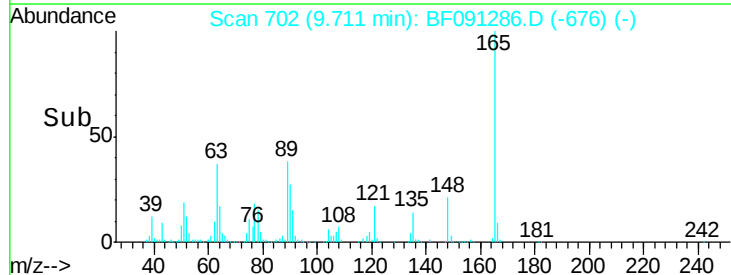
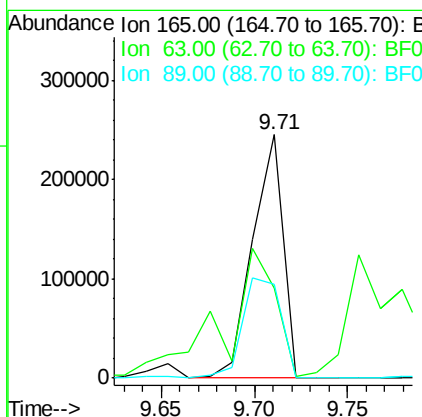
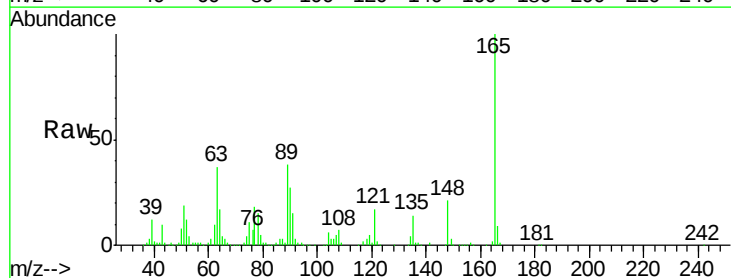
Manual Integrations
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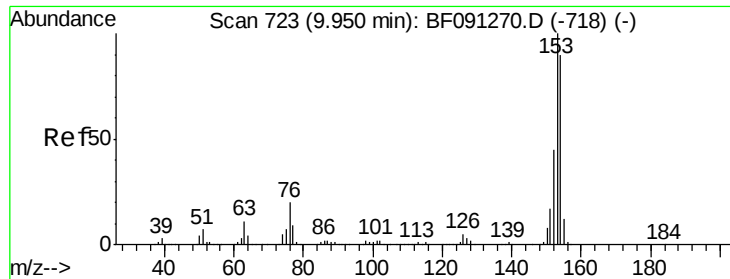
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#50
2,6-Dinitrotoluene
Concen: 40.09 ng
RT: 9.71 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion:165 Resp: 276557
Ion Ratio Lower Upper
165 100
63 36.9 59.4 89.0#
89 38.5 50.8 76.2#





#51

Acenaphthene

Concen: 34.96 ng

RT: 9.96 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:154 Resp: 1018551

Ion Ratio Lower Upper

154 100

153 110.4 91.0 136.6

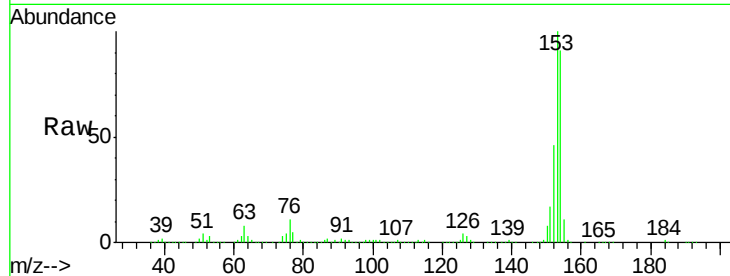
152 51.0 44.2 66.2

Manual Integrations

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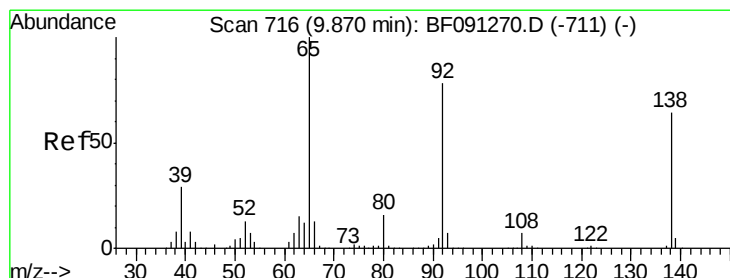
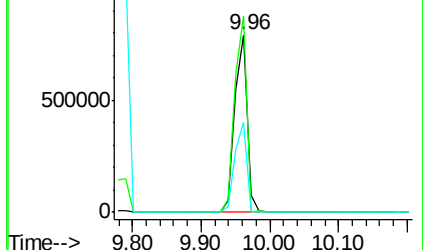
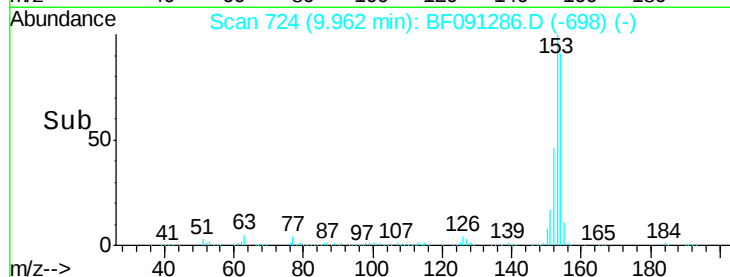
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 22.41 ng

RT: 9.87 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

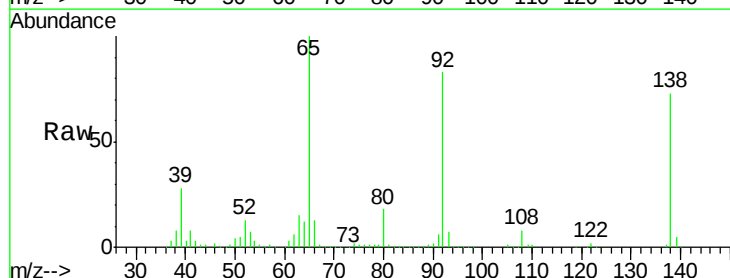
Tgt Ion:138 Resp: 166186

Ion Ratio Lower Upper

138 100

108 10.8 8.1 12.1

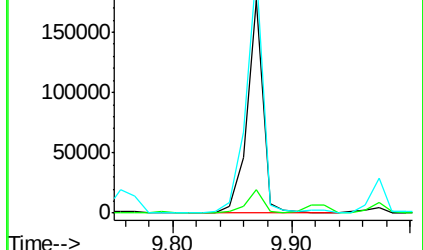
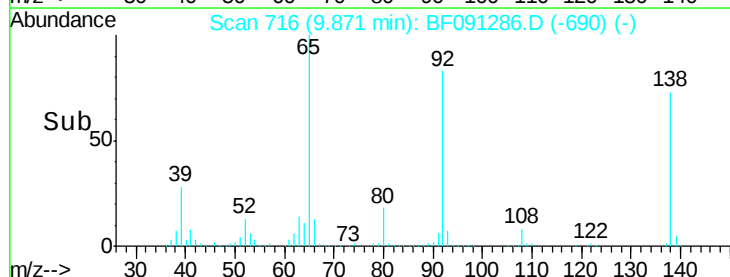
92 114.2 92.5 138.7

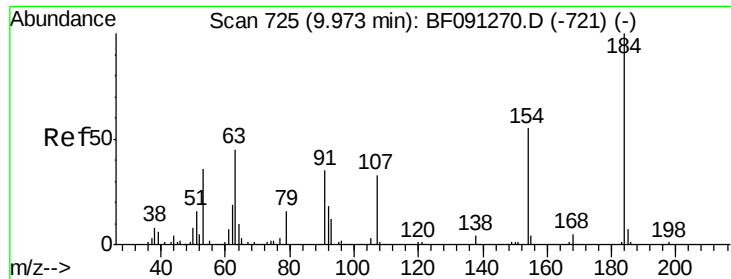


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





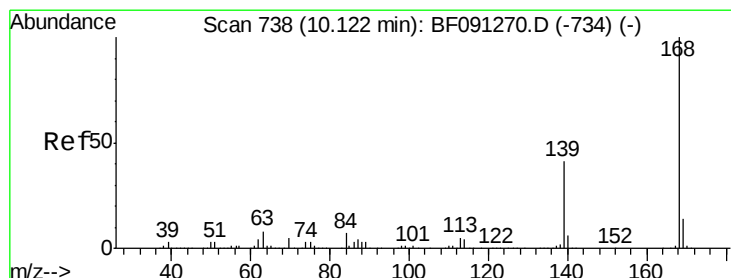
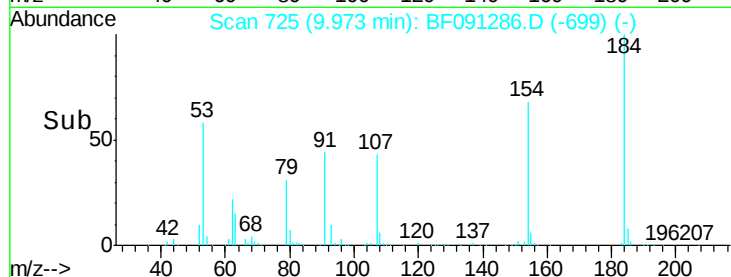
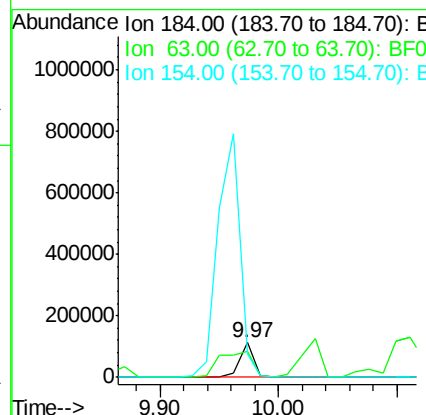
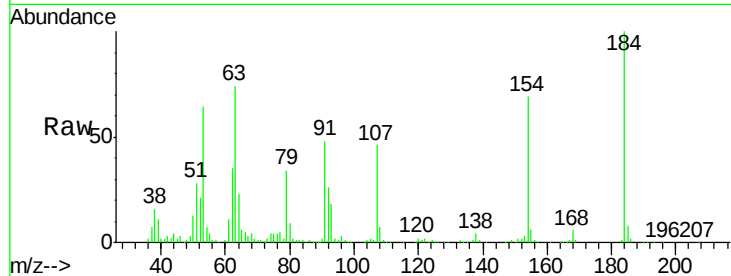
#53
 2,4-Dinitrophenol
 Concen: 38.87 ng
 RT: 9.97 min Scan# 725
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	93666		
63	74.2	58.3	87.5	
154	68.8	48.6	73.0	

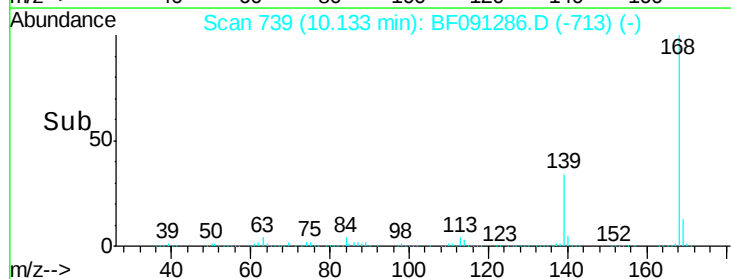
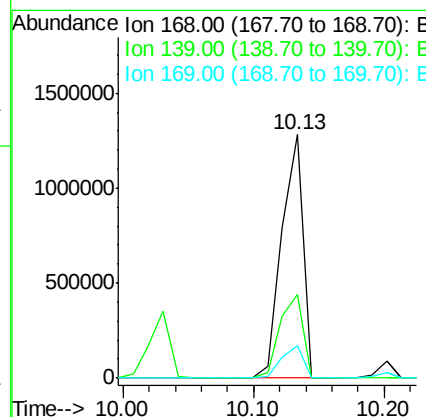
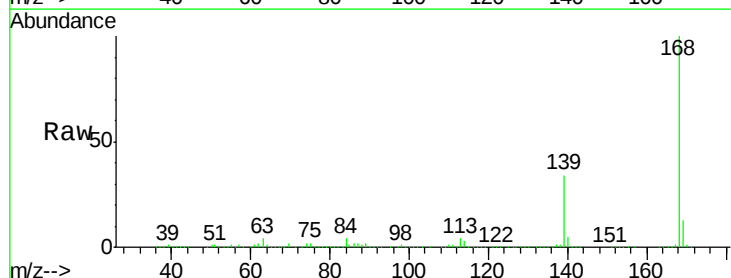
Manual Integrations
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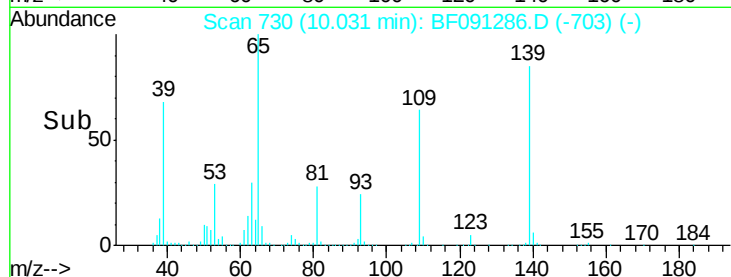
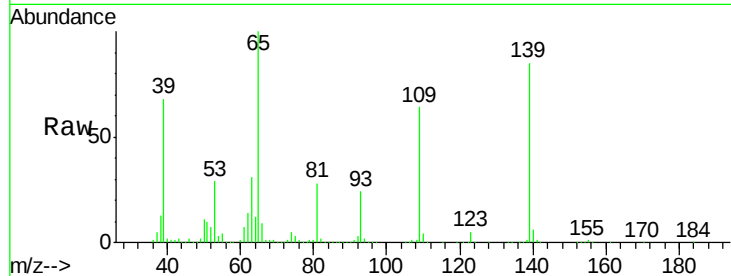
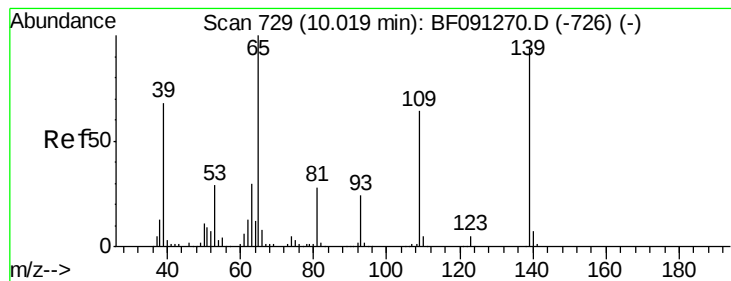
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#54
 Dibenzofuran
 Concen: 35.95 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1473384		
139	34.3	33.4	50.2	
169	13.1	11.1	16.7	





#55

4-Nitrophenol

Concen: 71.03 ng

RT: 10.03 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	139	Resp:	379961
Ion Ratio	Lower	Upper	
139	100		
109	75.0	54.9	94.9
65	117.7	102.2	142.2

Instrument :

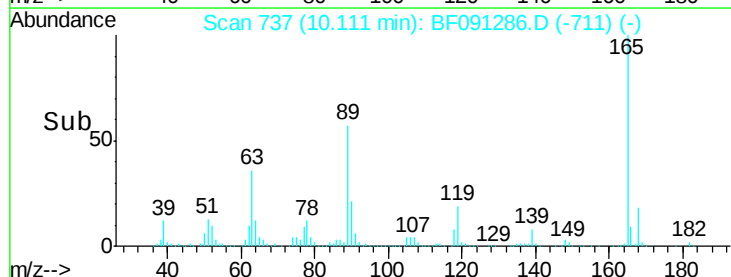
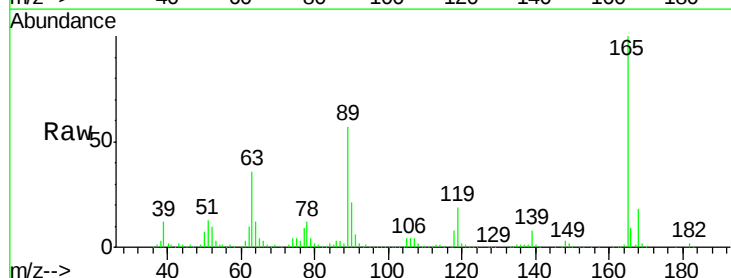
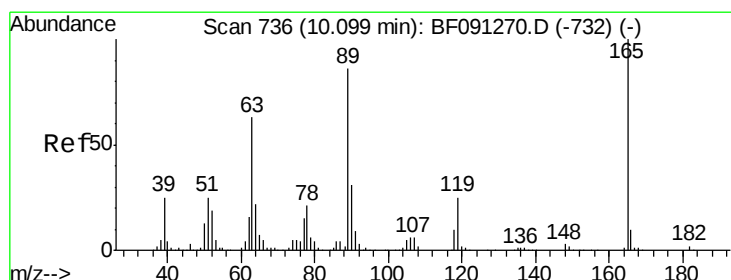
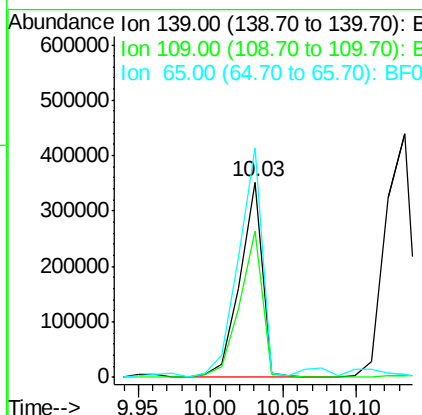
BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 43.42 ng

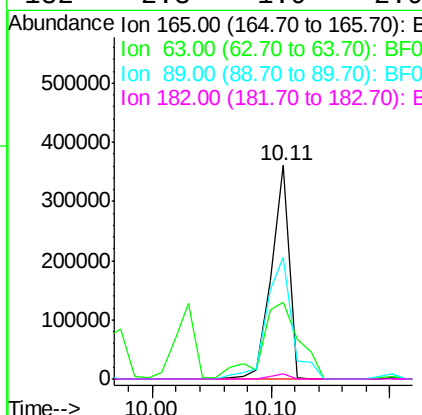
RT: 10.11 min Scan# 737

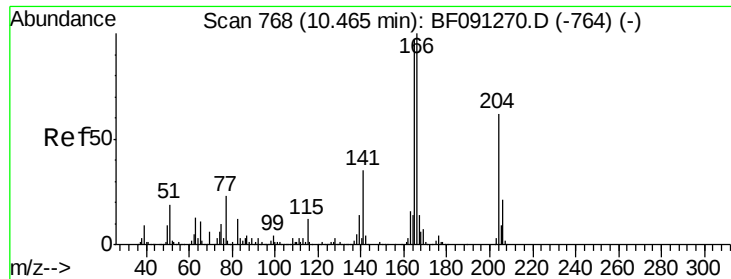
Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	165	Resp:	379059
Ion Ratio	Lower	Upper	
165	100		
63	35.8	29.0	43.4
89	56.8	43.1	64.7
182	2.3	1.9	2.9





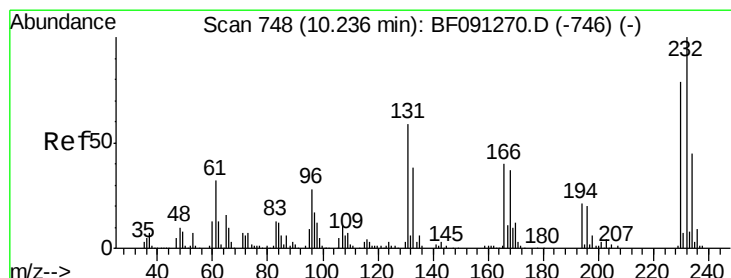
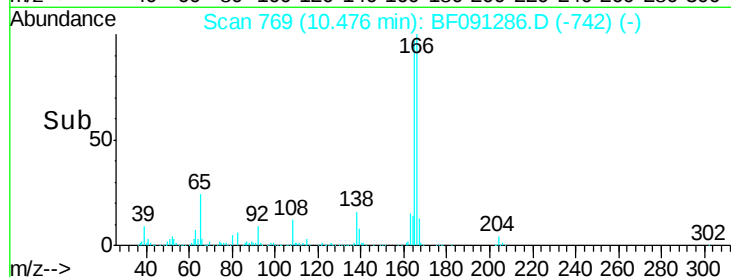
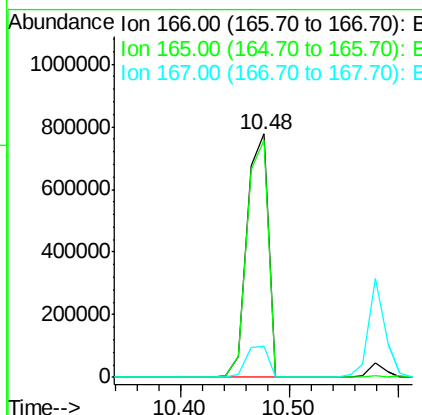
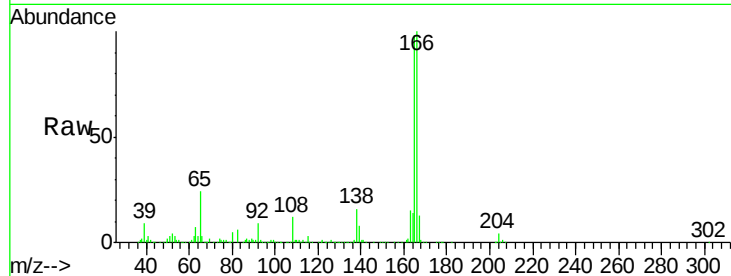
#57
Fluorene
 Concen: 33.46 ng
 RT: 10.48 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion:166 Resp: 1049172
 Ion Ratio Lower Upper
 166 100
 165 97.5 80.0 120.0
 167 13.0 10.8 16.2

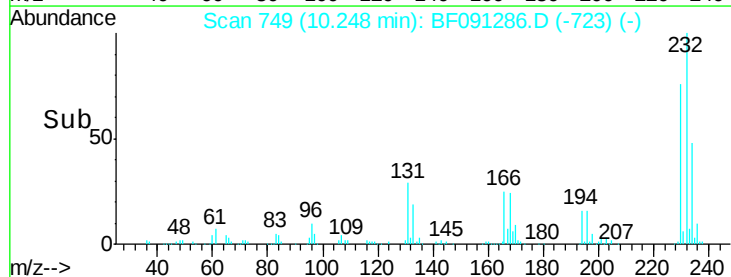
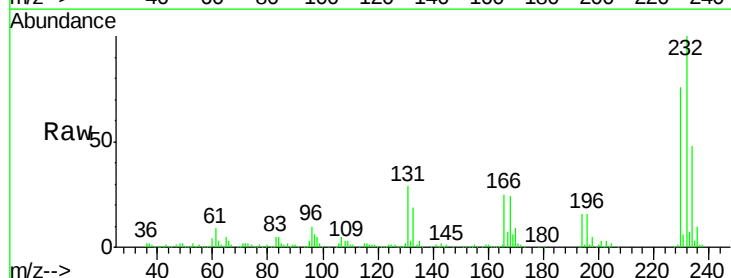
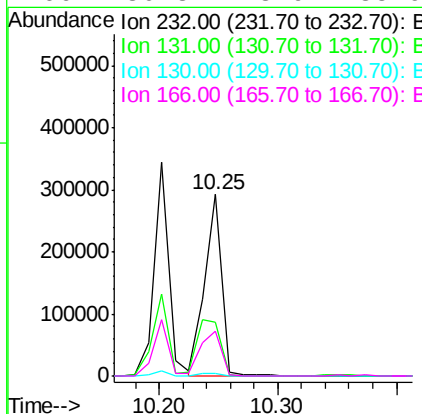
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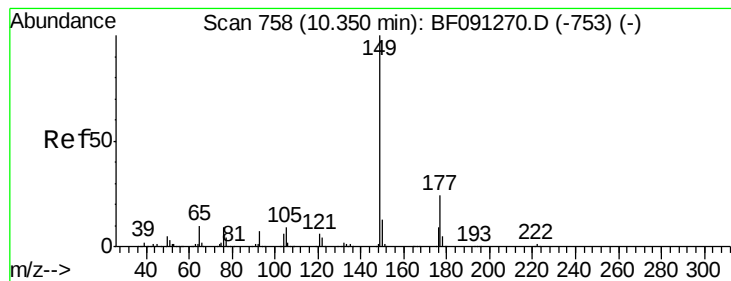
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 36.80 ng
 RT: 10.25 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion:232 Resp: 293872
 Ion Ratio Lower Upper
 232 100
 131 42.5 38.4 57.6
 130 2.3 1.8 2.8
 166 30.3 23.9 35.9





#59

Diethylphthalate

Concen: 36.73 ng

RT: 10.35 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:149 Resp: 1167136

Ion Ratio Lower Upper

149 100

177 22.9 15.7 23.5

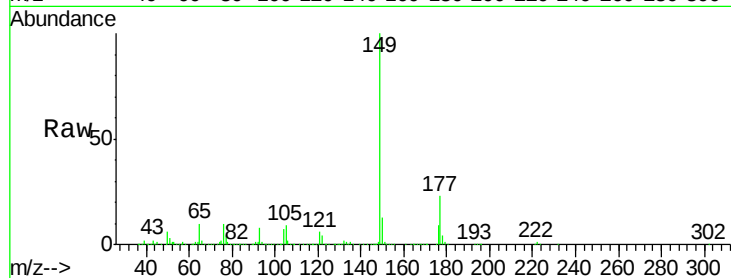
150 12.7 10.2 15.2

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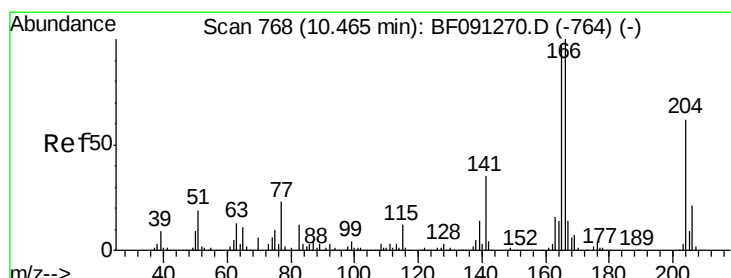
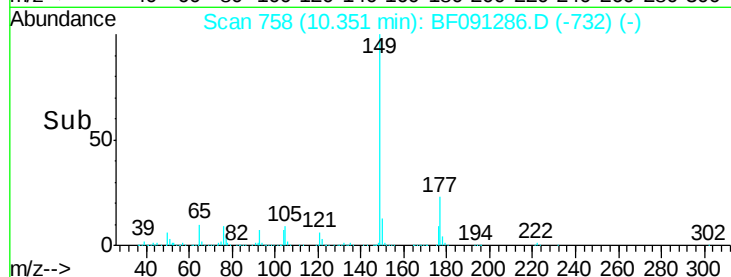
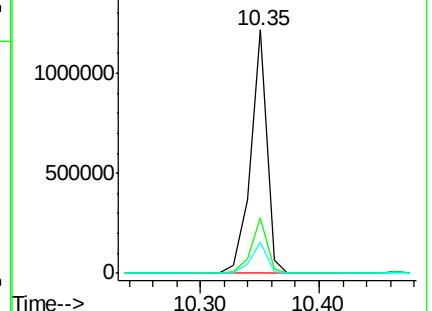
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 34.14 ng

RT: 10.46 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

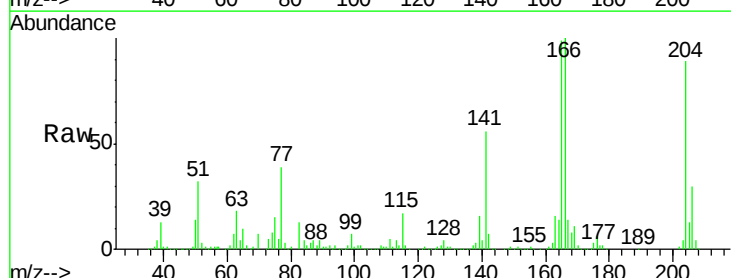
Tgt Ion:204 Resp: 493242

Ion Ratio Lower Upper

204 100

206 33.2 26.1 39.1

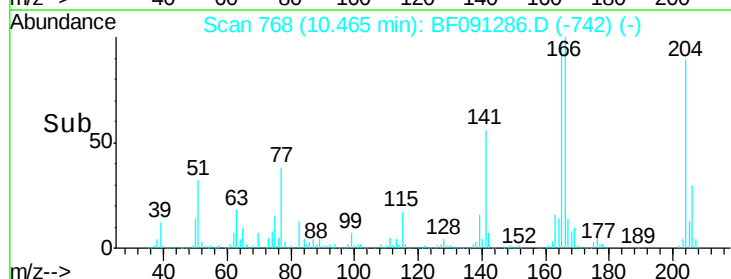
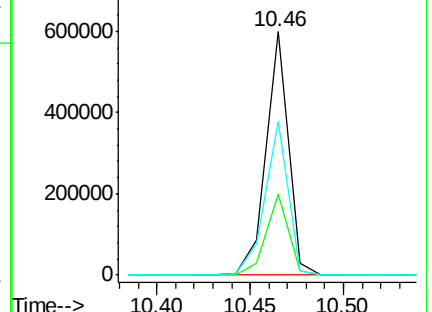
141 63.4 40.6 61.0#

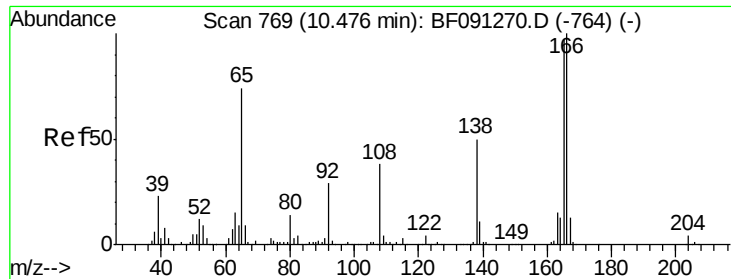


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.76 ng

RT: 10.49 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

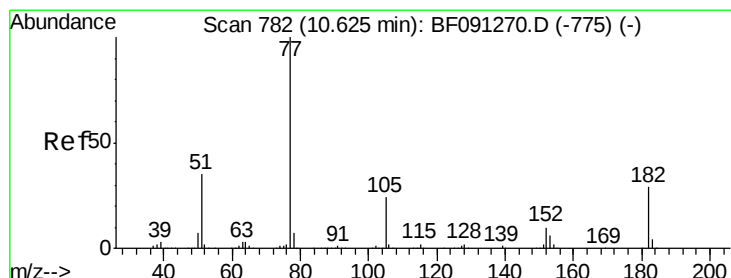
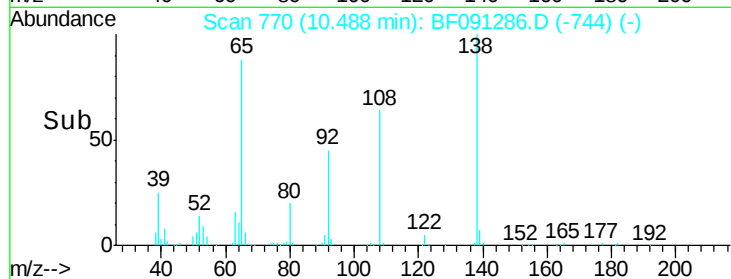
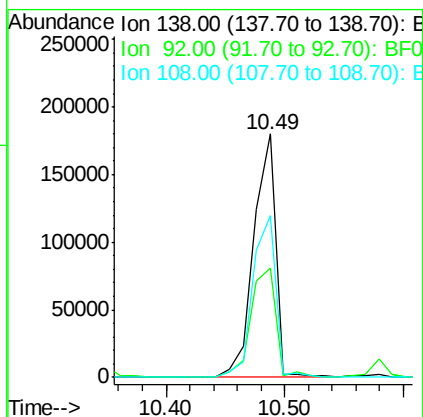
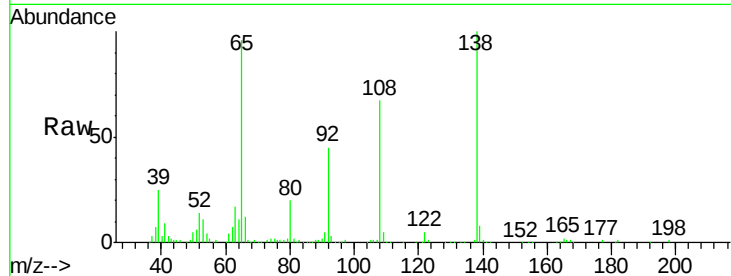
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	138	Resp:	233640
Ion Ratio	Lower	Upper	
138	100		
92	44.9	26.9	66.9
108	66.6	49.1	89.1

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#62

Azobenzene

Concen: 38.44 ng

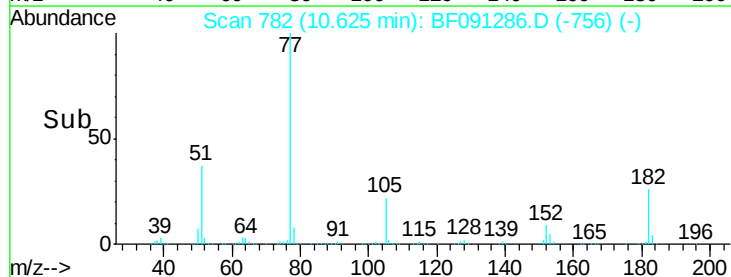
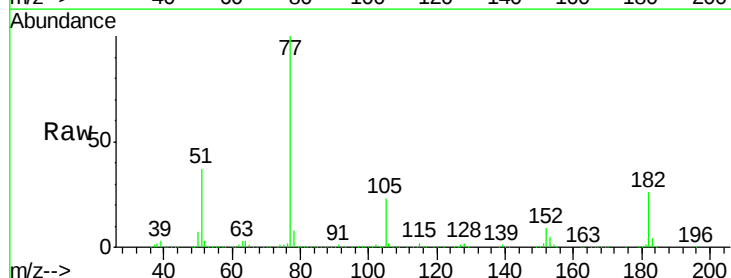
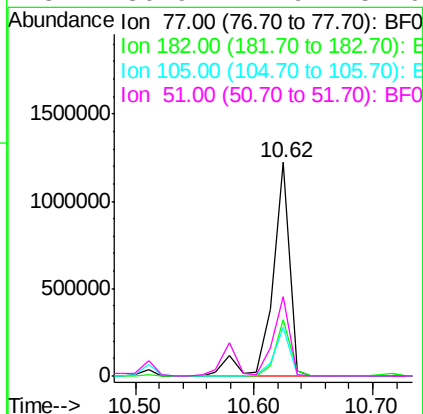
RT: 10.62 min Scan# 782

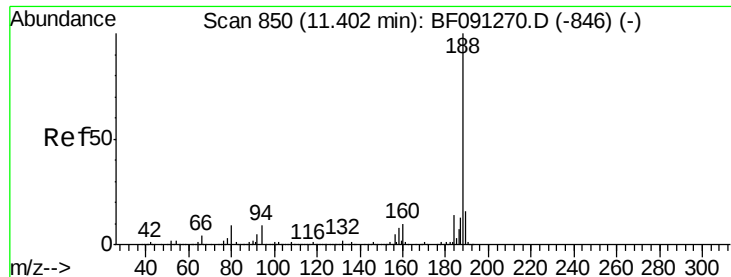
Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	77	Resp:	1239139
Ion Ratio	Lower	Upper	
77	100		
182	26.3	12.5	52.5
105	22.7	3.7	43.7
51	36.9	11.9	51.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 850

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

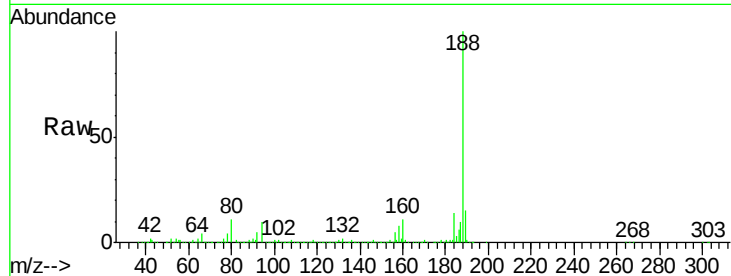
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	188	Resp:	726448
Ion Ratio	Lower	Upper	
188	100		
94	9.6	9.2	13.8
80	10.6	10.5	15.7

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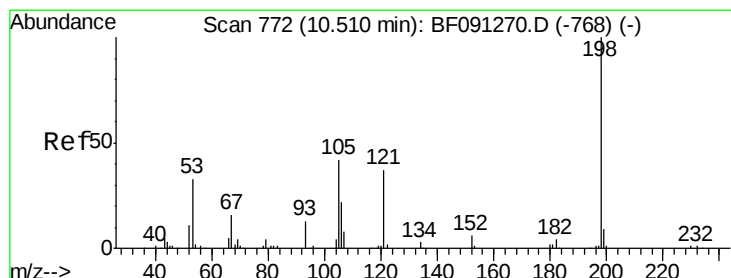
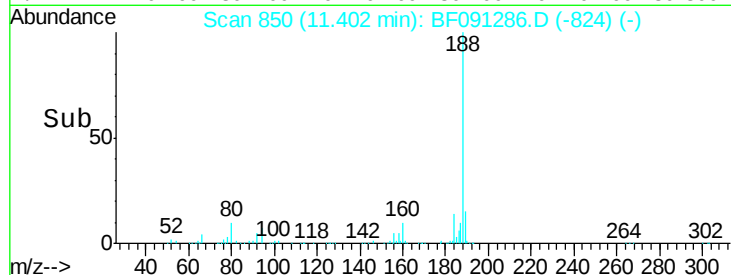
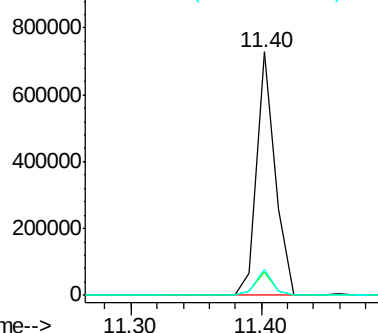
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 33.67 ng

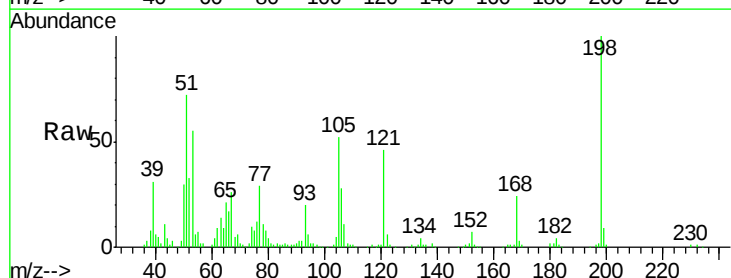
RT: 10.51 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

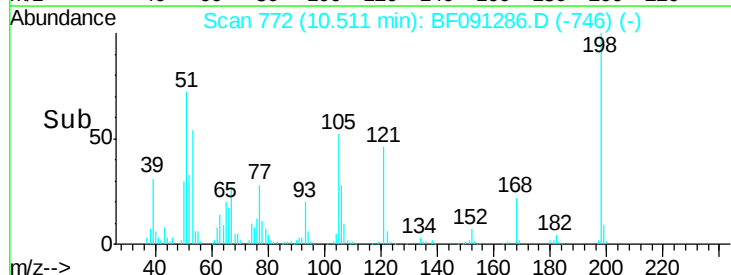
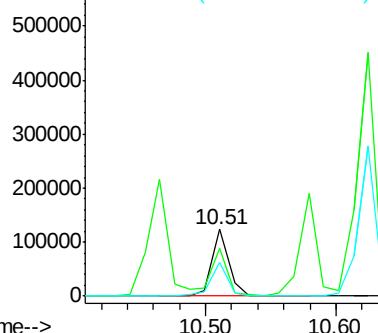
Tgt Ion:	198	Resp:	110924
Ion Ratio	Lower	Upper	
198	100		
51	72.1	77.1	117.1#
105	51.5	44.8	84.8

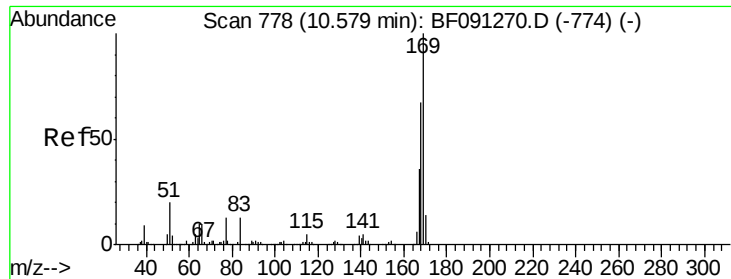


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.86 ng

RT: 10.58 min Scan# 778

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

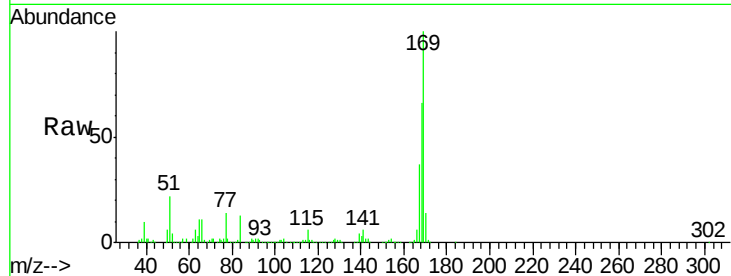
ClientSampleId :

SB-01(0-0.16)MS

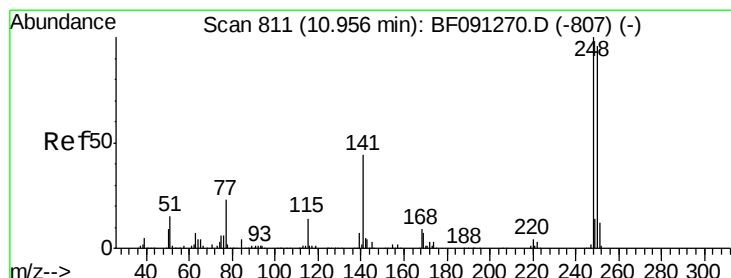
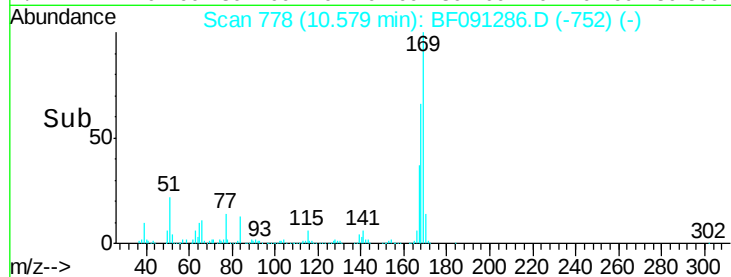
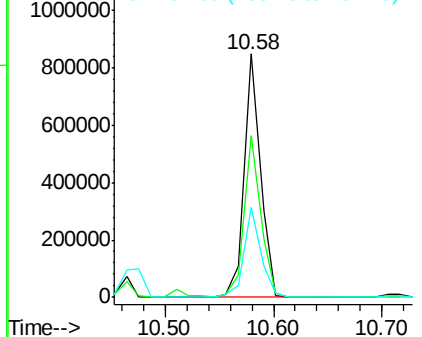
Tgt Ion:	169	Resp:	879044
Ion Ratio	Lower	Upper	
169	100		
168	66.2	53.8	80.8
167	37.0	29.8	44.8

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.80 ng

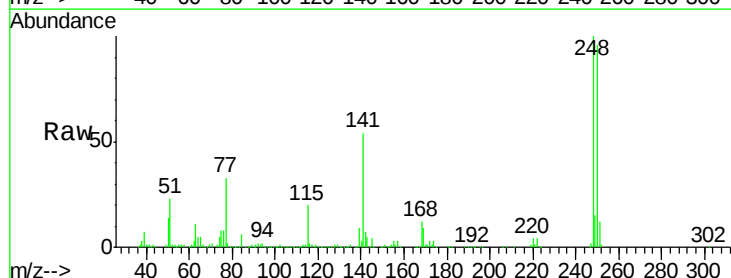
RT: 10.96 min Scan# 811

Delta R.T. -0.00 min

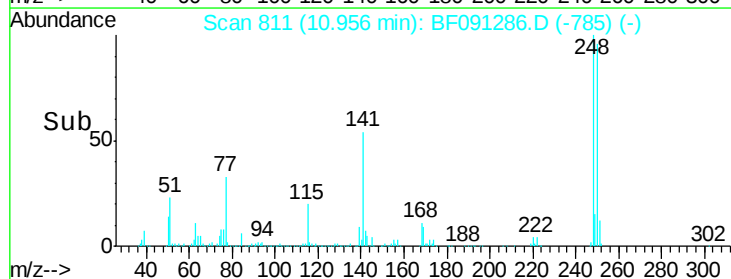
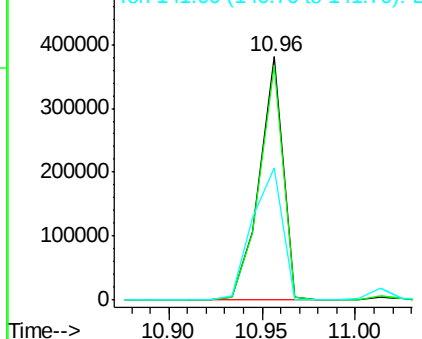
Lab File: BF091286.D

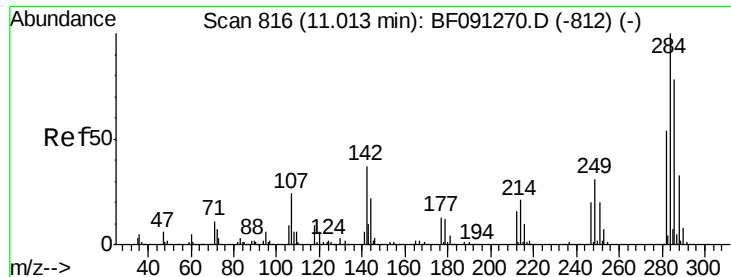
Acq: 23 Nov 2016 20:30

Tgt Ion:	248	Resp:	339811
Ion Ratio	Lower	Upper	
248	100		
250	96.3	78.2	117.4
141	54.5	71.9	107.9#



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: 37.31 ng

RT: 11.01 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

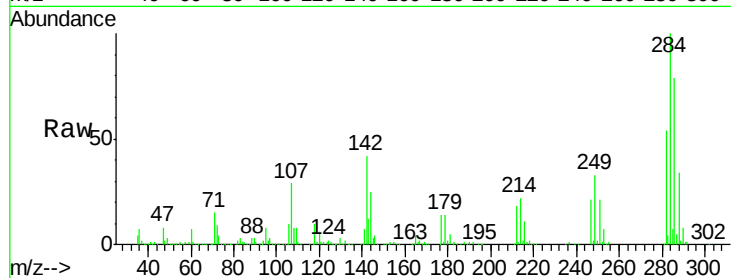
ClientSampleId :

SB-01(0-0.16)MS

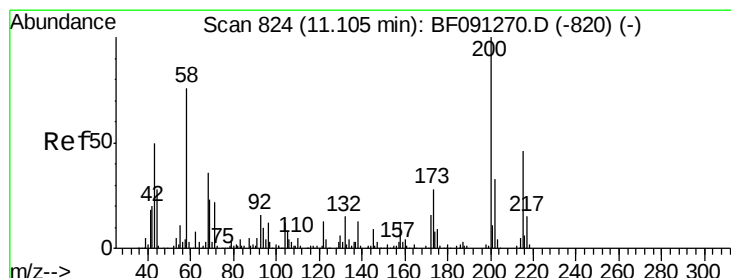
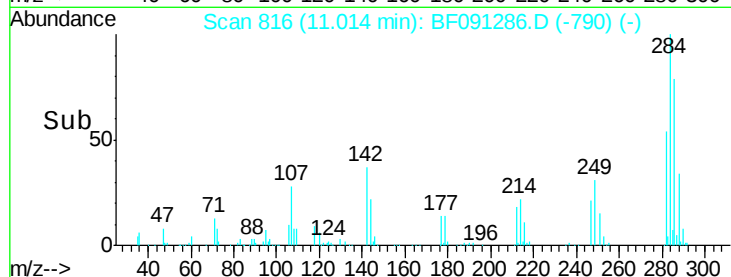
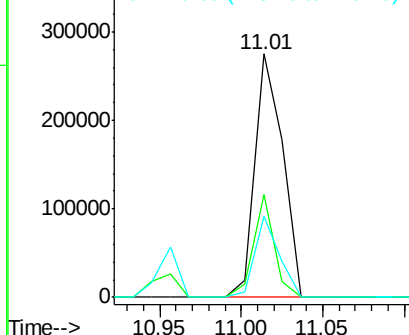
Tgt Ion:	284	Resp:	324780
Ion Ratio	Lower	Upper	
284	100		
142	42.4	17.9	26.9#
249	33.5	23.6	35.4

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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: Below Cal

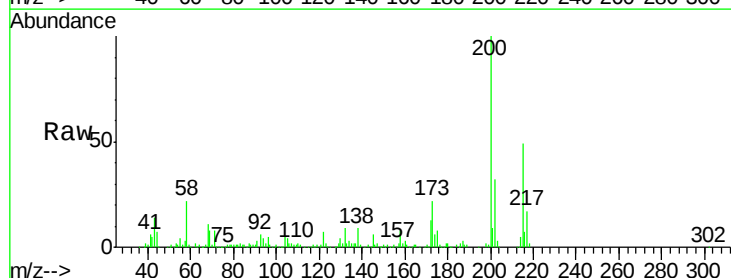
RT: 11.12 min Scan# 825

Delta R.T. 0.01 min

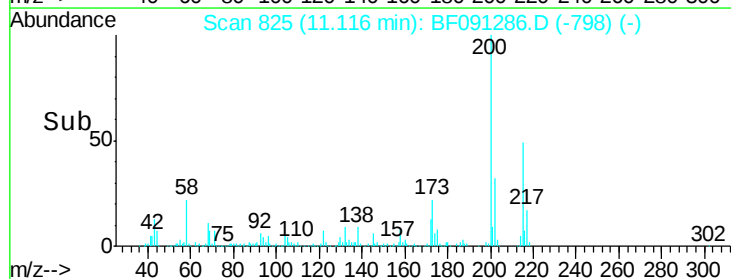
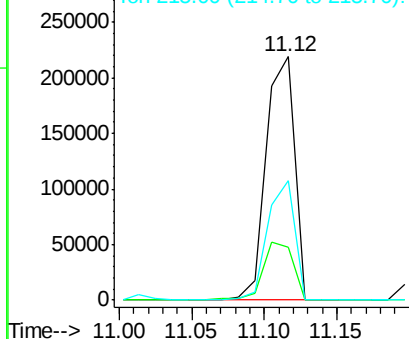
Lab File: BF091286.D

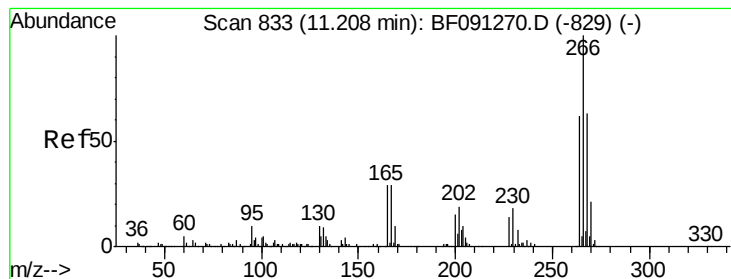
Acq: 23 Nov 2016 20:30

Tgt Ion:	200	Resp:	297275
Ion Ratio	Lower	Upper	
200	100		
173	21.8	7.8	47.8
215	48.9	24.3	64.3



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: 68.11 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

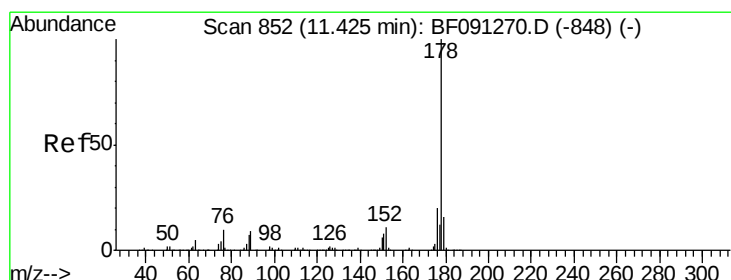
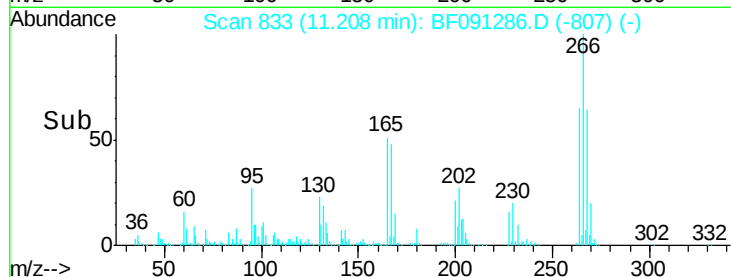
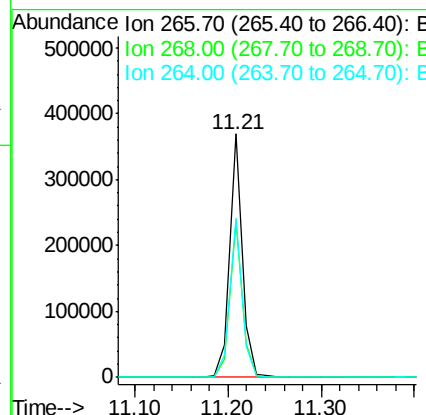
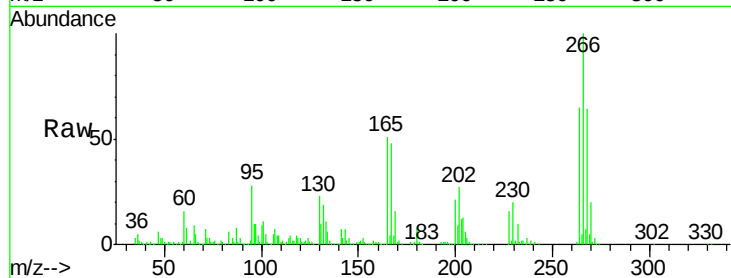
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	266	Resp:	350729
Ion Ratio		Lower	Upper
266	100		
268	63.6	50.3	75.5
264	65.2	48.2	72.2

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#70

Phenanthrene

Concen: 49.73 ng

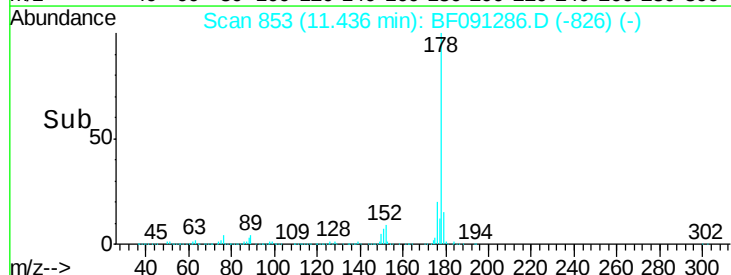
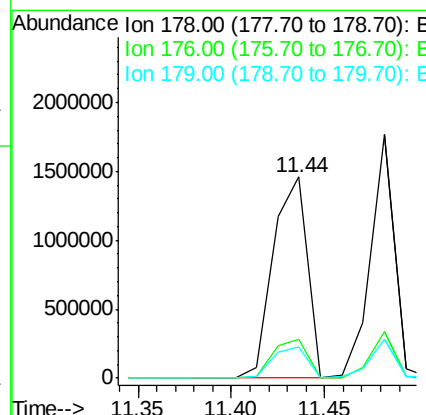
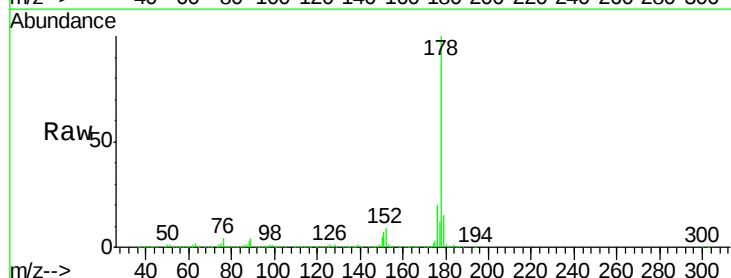
RT: 11.44 min Scan# 853

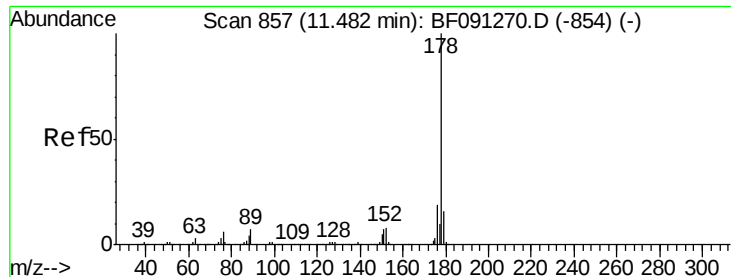
Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	178	Resp:	1874006
Ion Ratio		Lower	Upper
178	100		
176	19.5	15.9	23.9
179	15.3	12.6	18.8





#71

Anthracene

Concen: 39.94 ng

RT: 11.48 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:178 Resp: 1539125

Ion Ratio Lower Upper

178 100

176 19.2 15.8 23.6

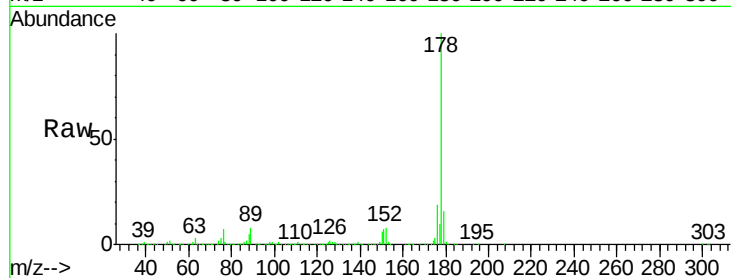
179 15.9 12.7 19.1

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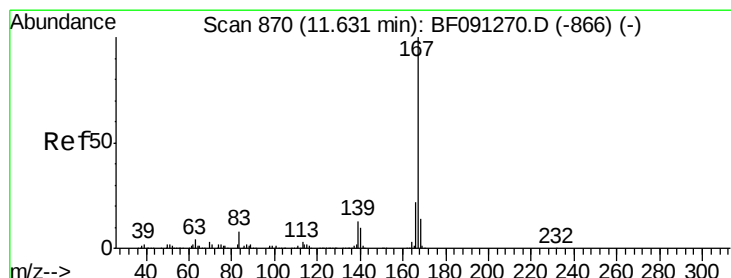
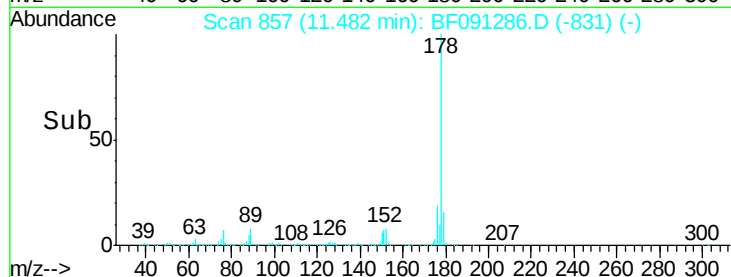
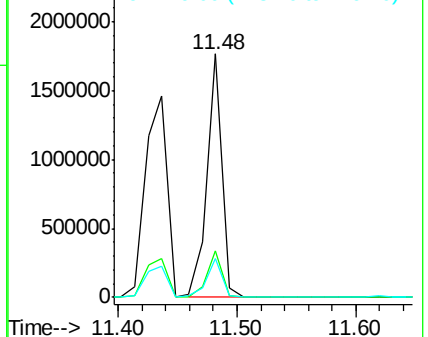
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 35.53 ng

RT: 11.63 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

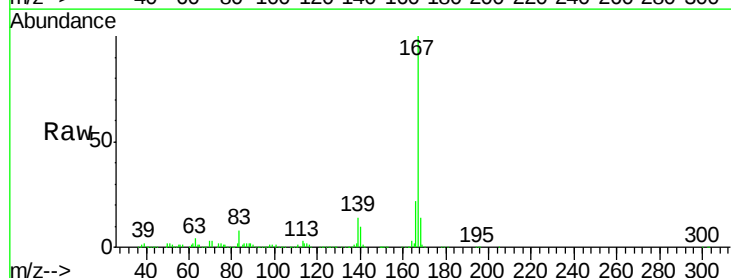
Tgt Ion:167 Resp: 1218421

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

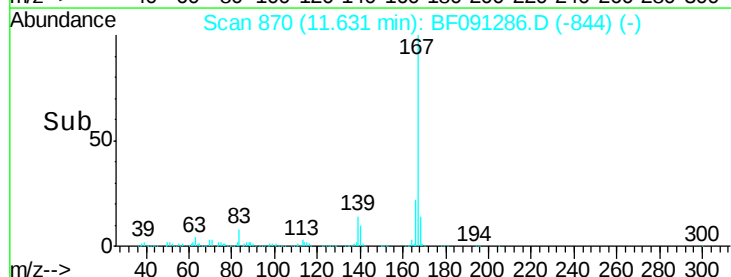
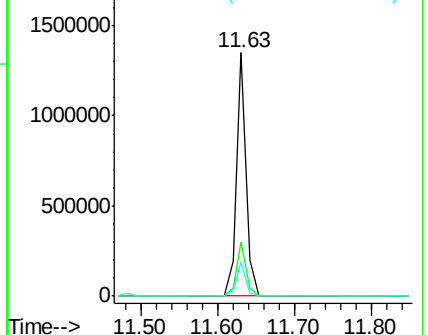
139 13.7 11.5 17.3

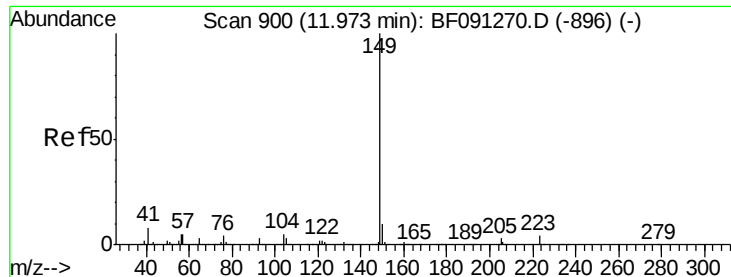


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.79 ng

RT: 11.97 min Scan# 900

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

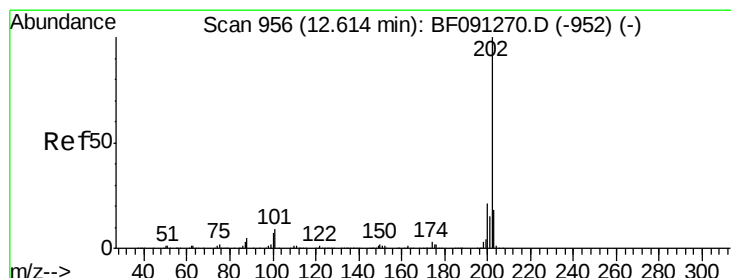
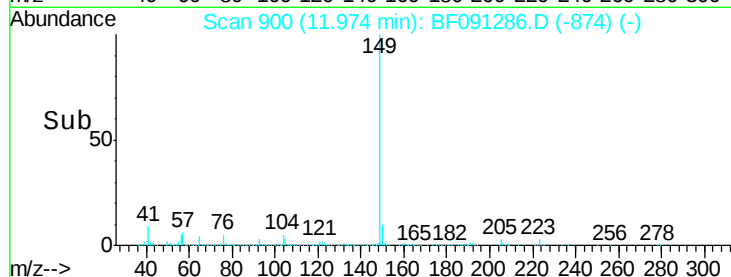
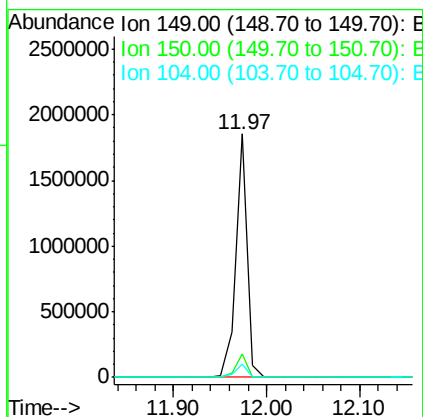
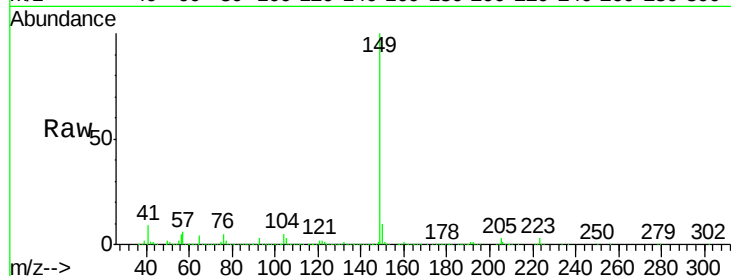
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	149	Resp:	1580145
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.5	11.3
104	5.3	4.0	6.0

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#74

Fluoranthene

Concen: 44.38 ng

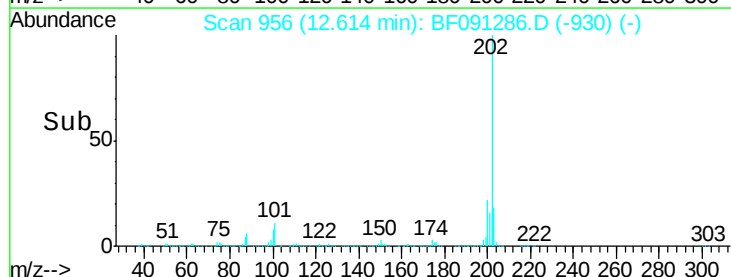
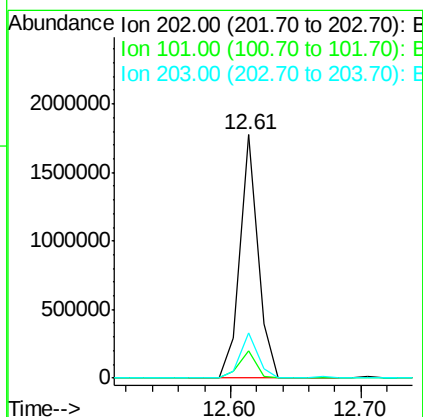
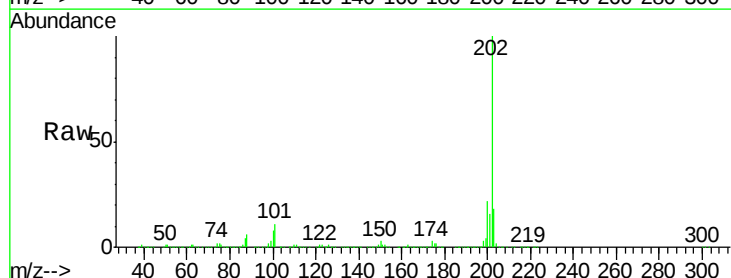
RT: 12.61 min Scan# 956

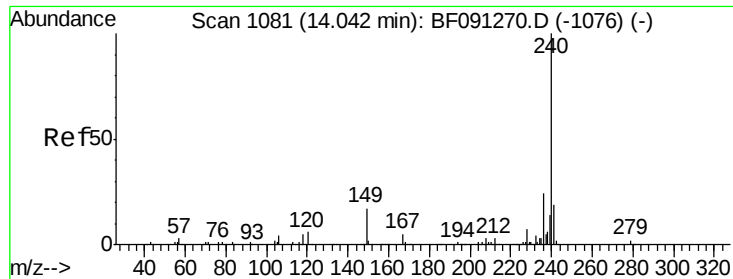
Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	202	Resp:	1701387
Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	29.5
203	18.4	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1081

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

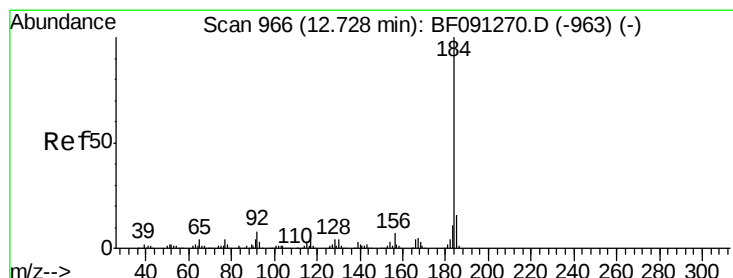
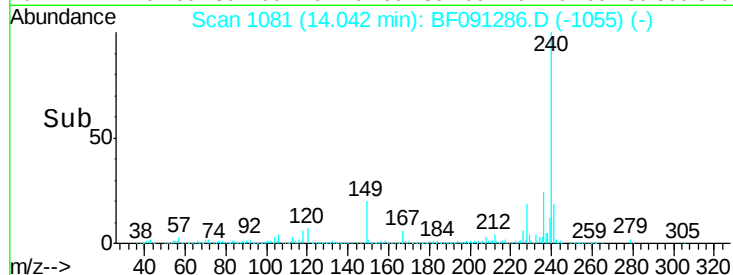
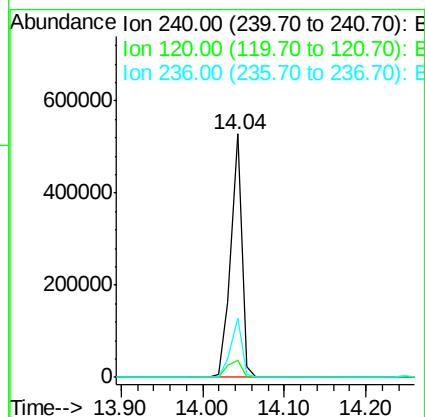
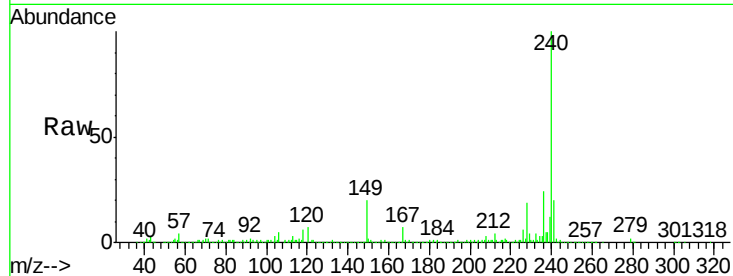
ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	240	Resp:	499907
Ion Ratio	Lower	Upper	
240	100		
120	6.8	12.1	18.1#
236	24.1	21.0	31.6

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#76

Benzidine

Concen: 13.36 ng

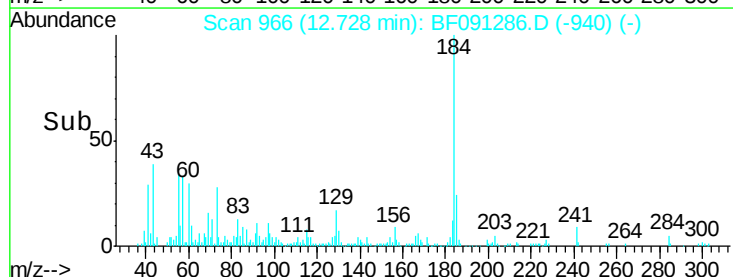
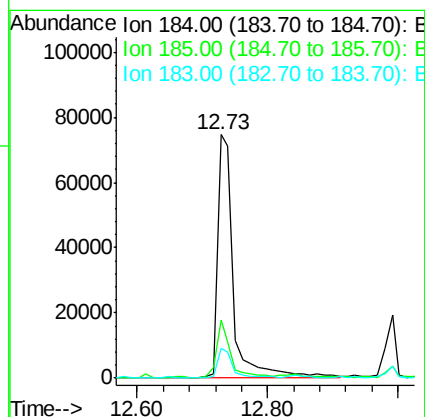
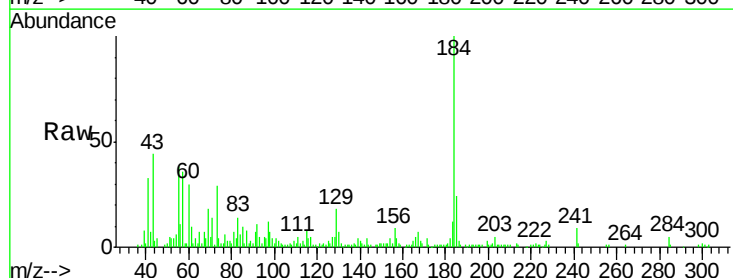
RT: 12.73 min Scan# 966

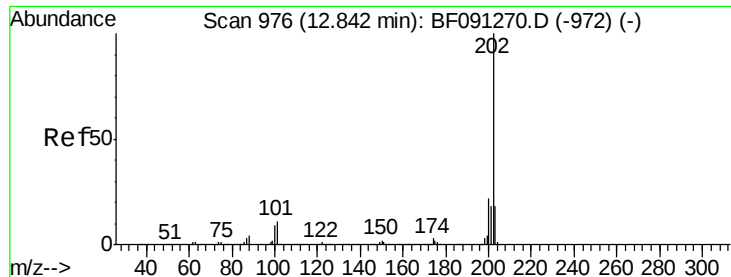
Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Tgt Ion:	184	Resp:	129464
Ion Ratio	Lower	Upper	
184	100		
185	23.9	13.1	19.7#
183	12.4	8.9	13.3





#77

Pyrene

Concen: 43.37 ng

RT: 12.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:202 Resp: 1601958

Ion Ratio Lower Upper

202 100

200 22.4 17.6 26.4

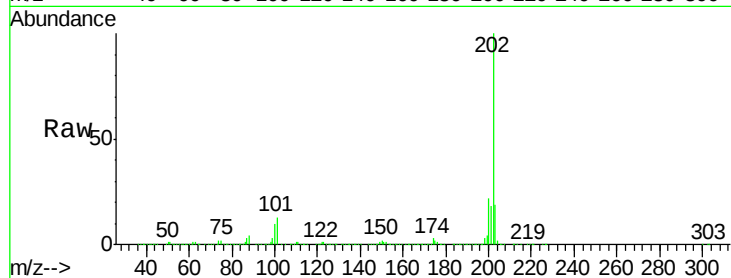
203 18.6 14.0 21.0

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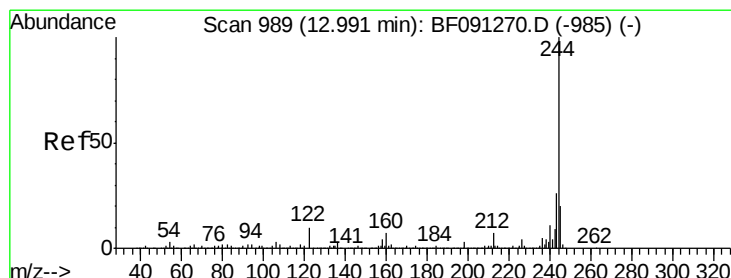
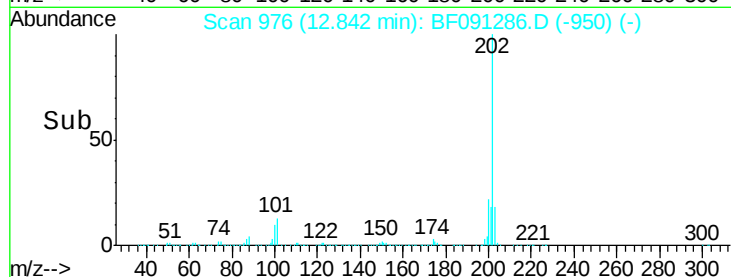
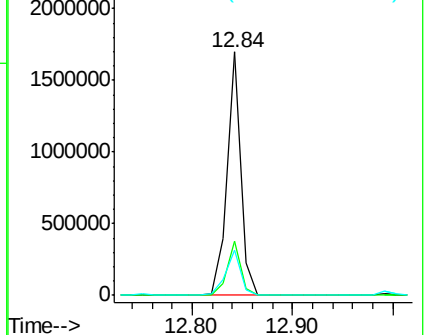
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 69.33 ng

RT: 12.99 min Scan# 989

Delta R.T. -0.00 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

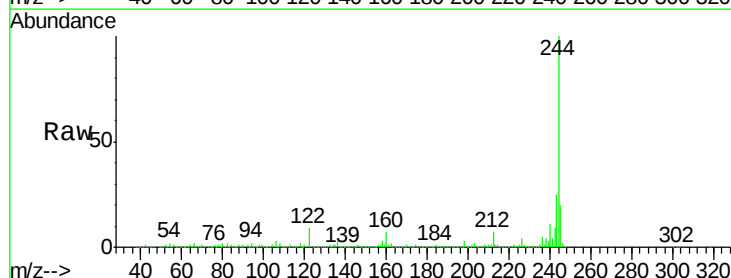
Tgt Ion:244 Resp: 1517474

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

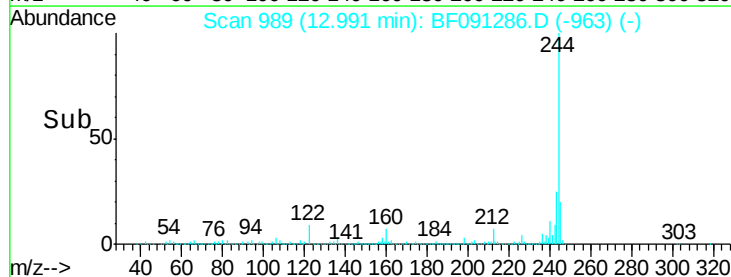
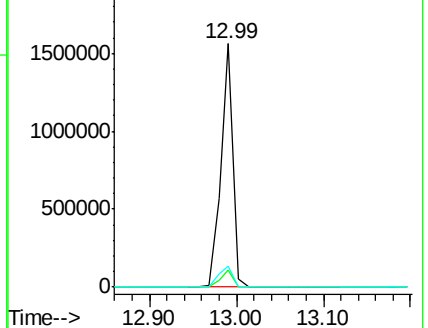
122 8.8 9.5 14.3#

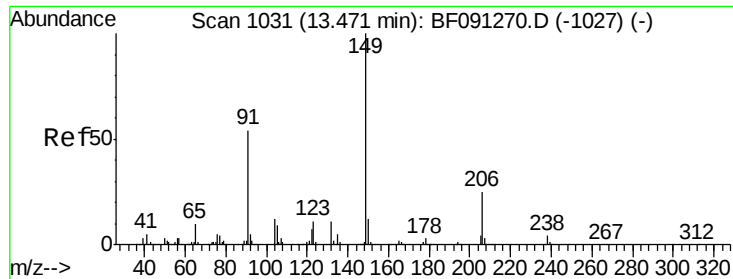


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





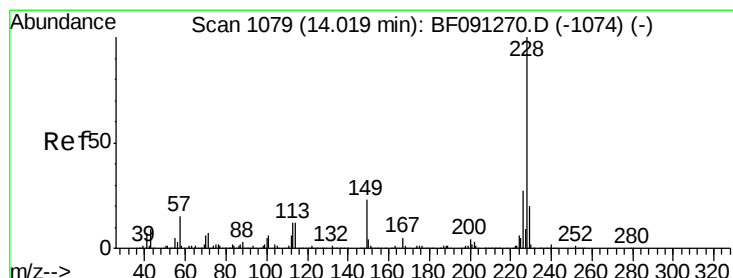
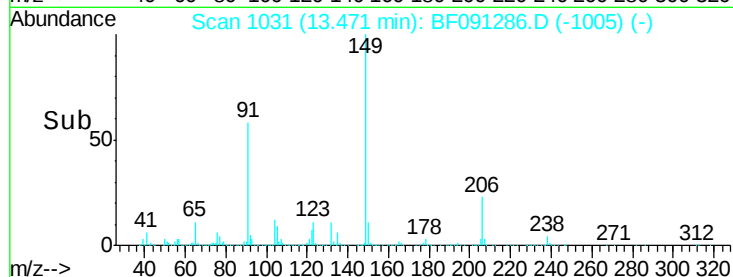
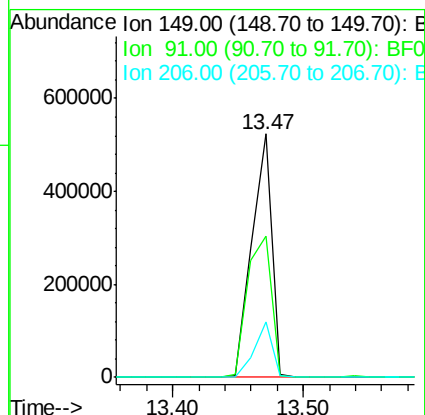
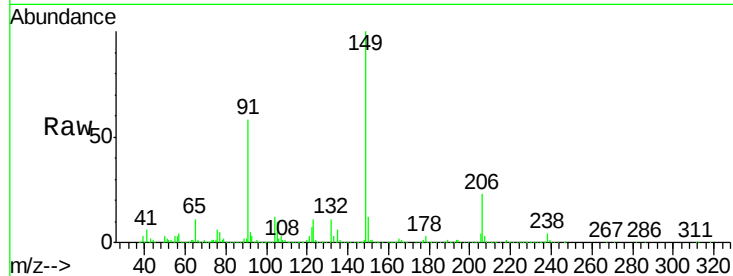
#79
Butylbenzylphthalate
Concen: 37.53 ng
RT: 13.47 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	57.9	57.4	86.2
206	22.6	15.4	23.2

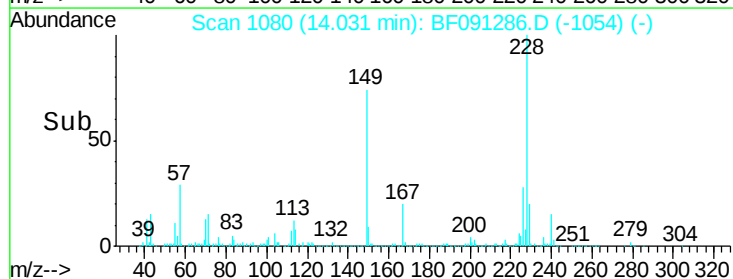
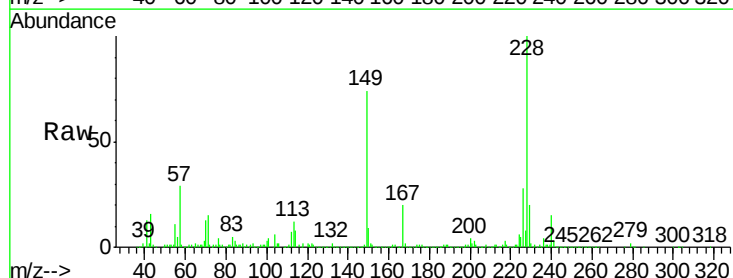
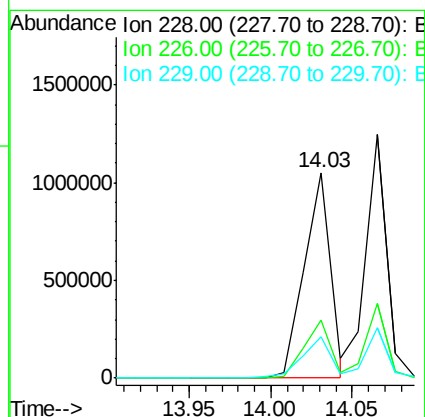
Manual Integrations
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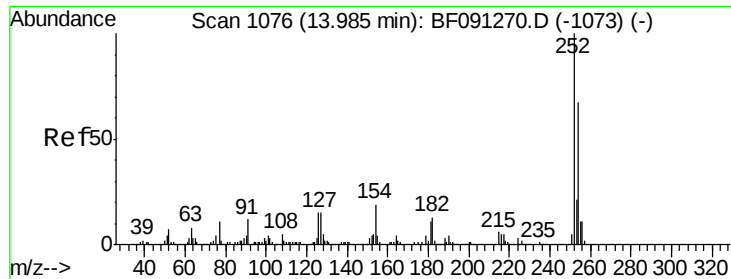
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#80
Benzo(a)anthracene
Concen: 41.72 ng
RT: 14.03 min Scan# 1080
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	22.5	33.7
229	20.1	16.4	24.6





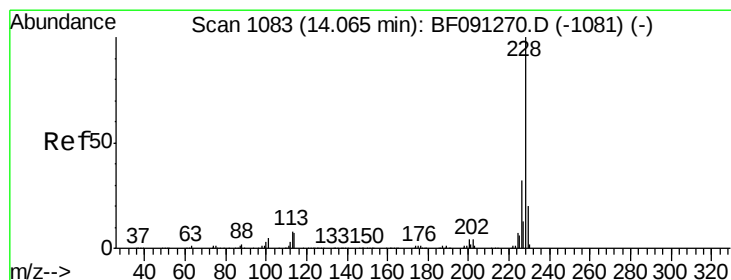
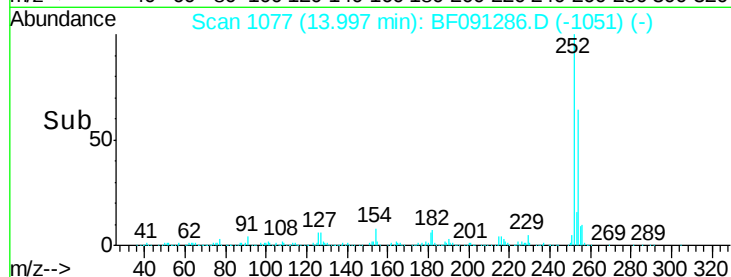
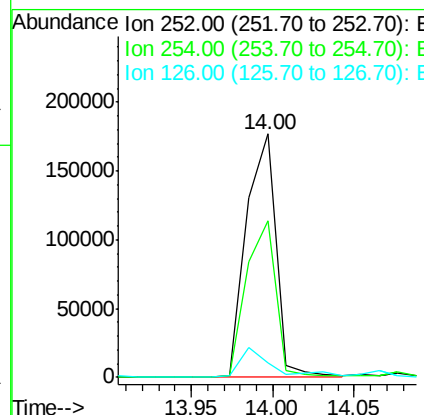
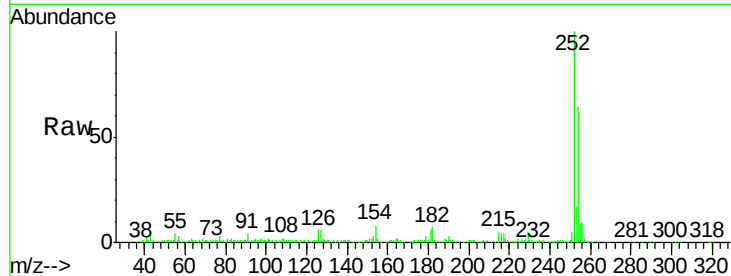
#81
 3,3'-Dichlorobenzidine
 Concen: 23.83 ng
 RT: 14.00 min Scan# 1077
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	222948		
254	64.3	52.1	78.1	
126	5.7	7.5	11.3	

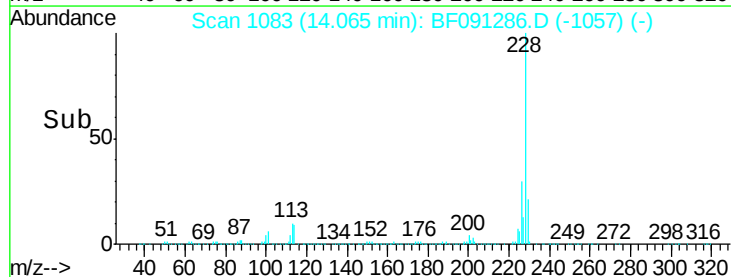
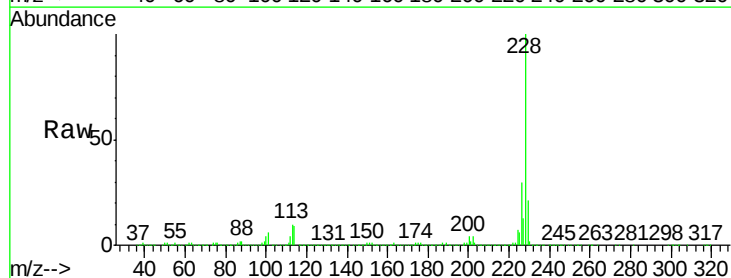
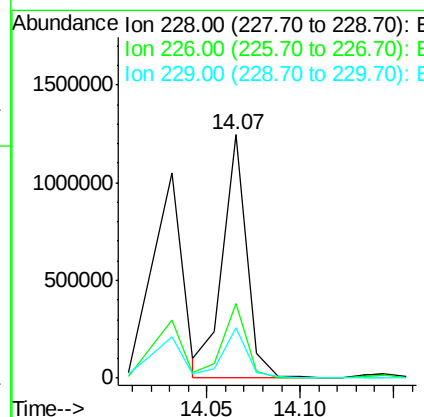
Manual Integrations
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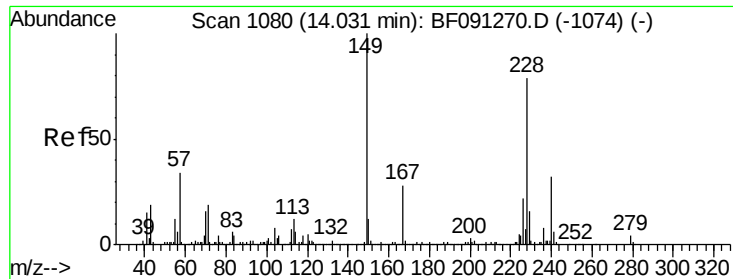
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#82
 Chrysene
 Concen: 41.20 ng
 RT: 14.07 min Scan# 1083
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1104791		
226	30.5	25.0	37.4	
229	20.9	16.0	24.0	





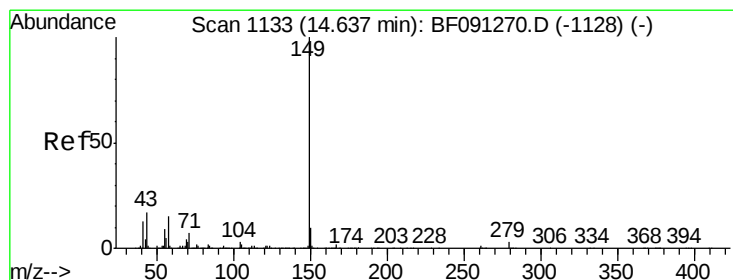
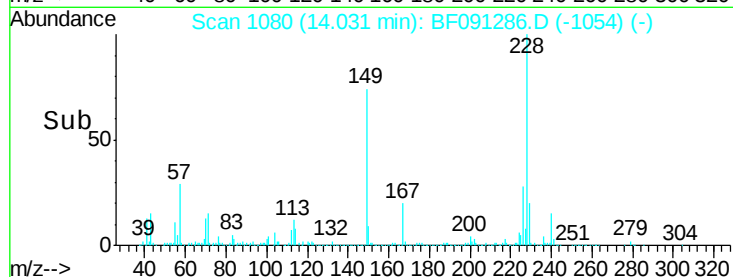
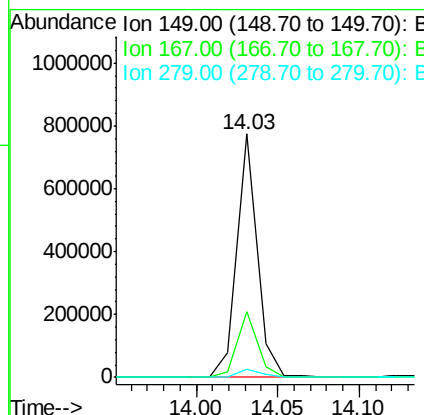
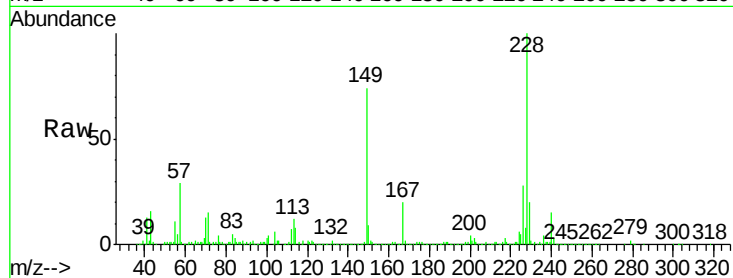
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.05 ng
 RT: 14.03 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	663449		
167	26.8	19.6	29.4	
279	3.1	1.9	2.9#	

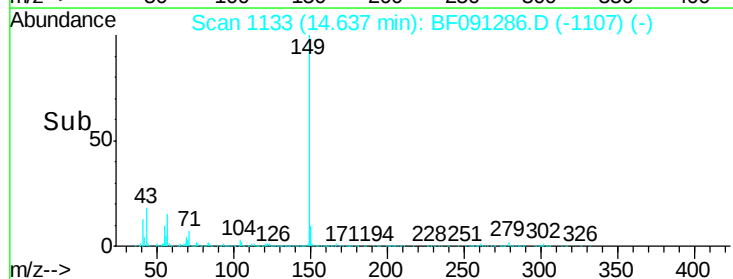
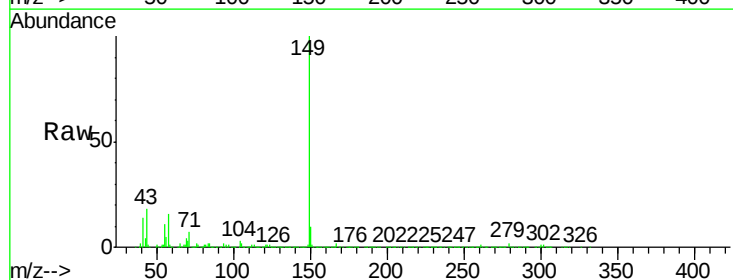
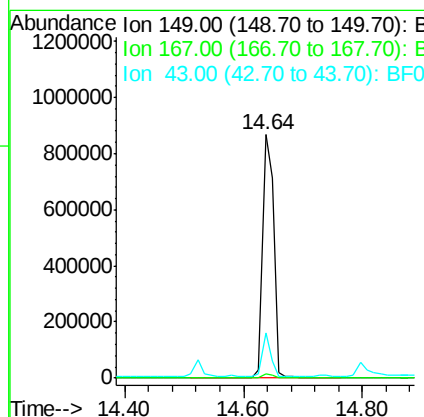
Manual Integrations
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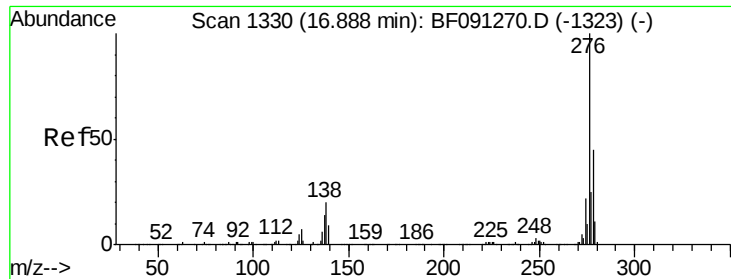
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#84
 Di-n-octyl phthalate
 Concen: 38.75 ng
 RT: 14.64 min Scan# 1133
 Delta R.T. -0.00 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1122273		
167	1.7	1.3	1.9	
43	14.0	11.9	17.9	





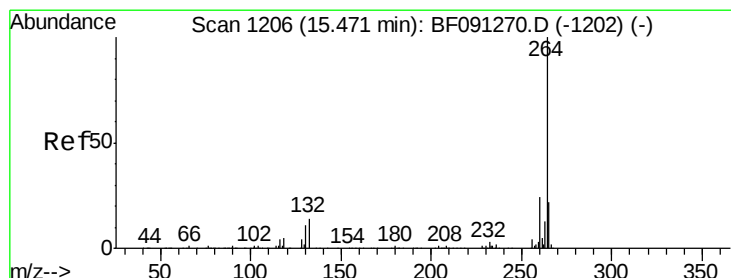
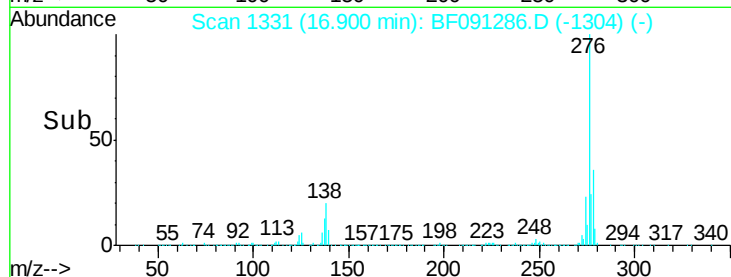
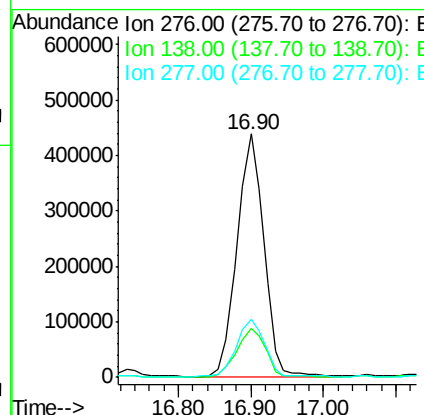
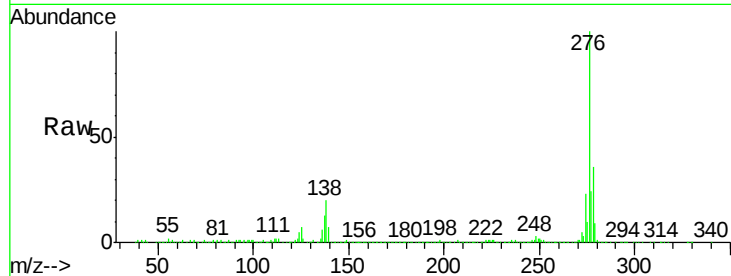
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.90 ng
 RT: 16.90 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Instrument :
 BNA_F
 ClientSampleId :
 SB-01(0-0.16)MS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.0	31.4
277	24.8	20.2	30.2

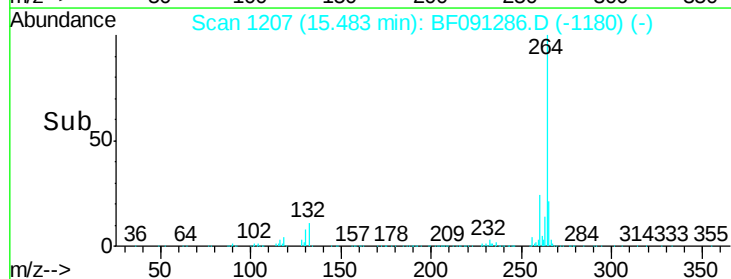
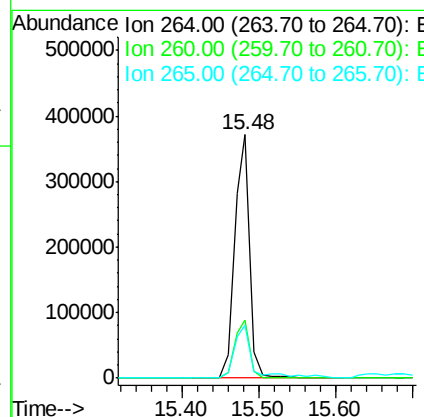
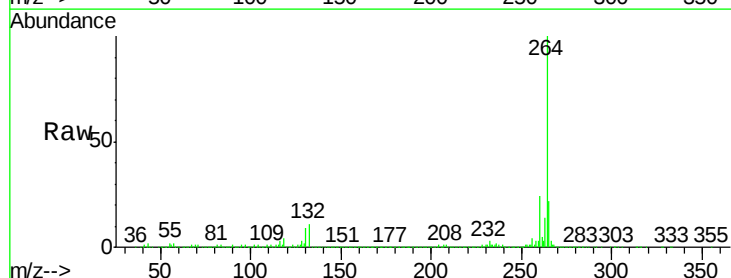
Manual Integrations
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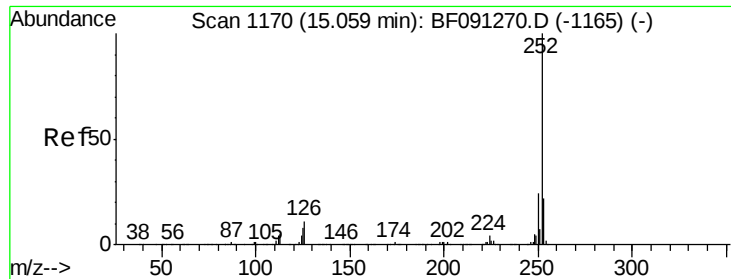
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1207
 Delta R.T. 0.01 min
 Lab File: BF091286.D
 Acq: 23 Nov 2016 20:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.8	28.2
265	21.6	17.0	25.6





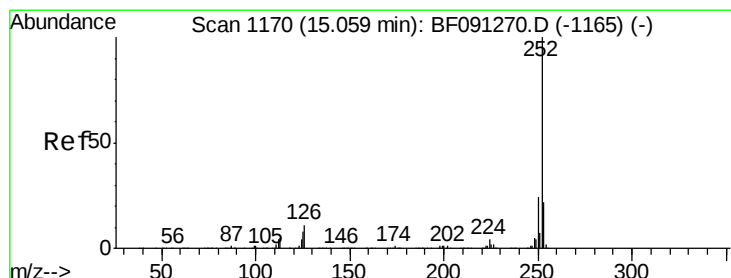
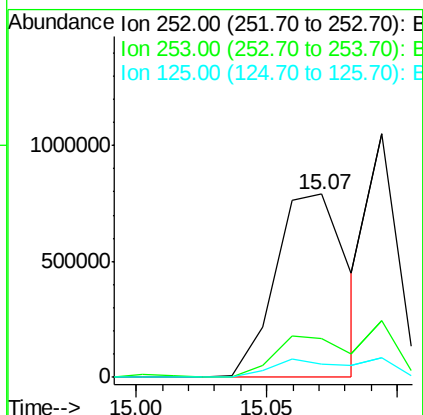
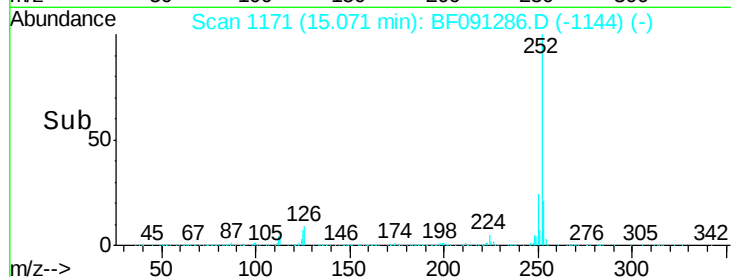
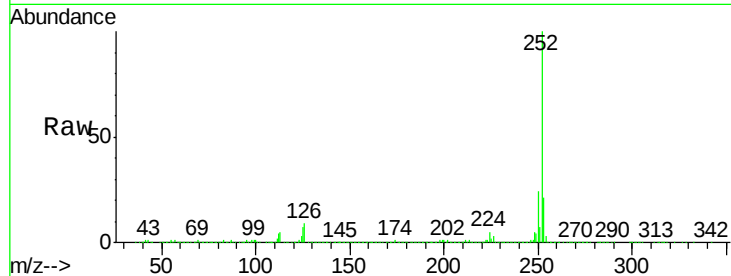
#87
Benzo(b)fluoranthene
Concen: 47.61 ng m
RT: 15.07 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion:252 Resp: 1529992
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.2
125 7.3 8.6 13.0#

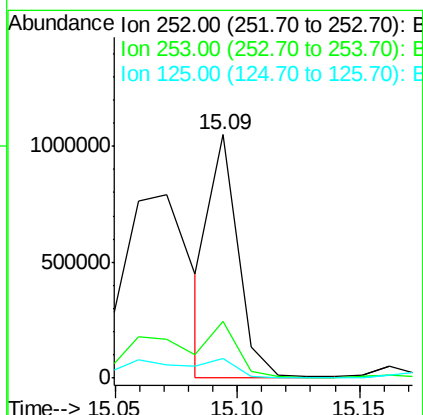
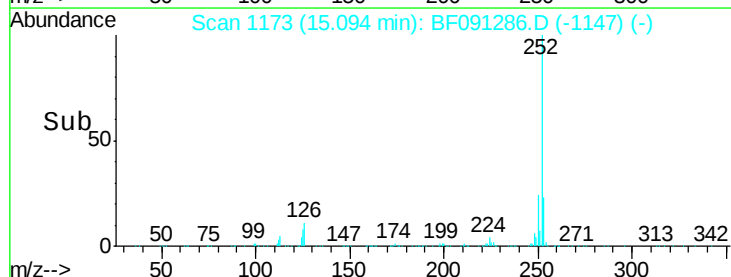
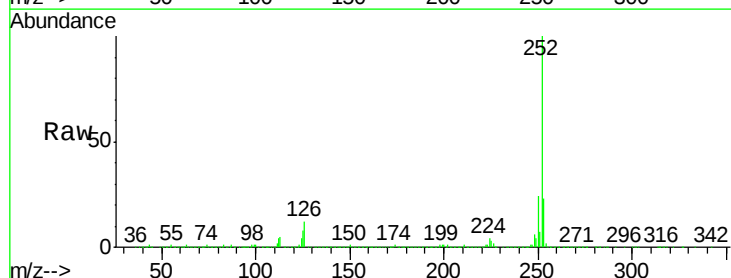
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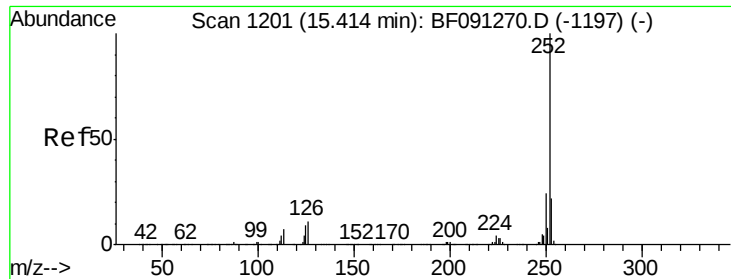
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#88
Benzo(k)fluoranthene
Concen: 31.79 ng m
RT: 15.09 min Scan# 1173
Delta R.T. -0.00 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion:252 Resp: 834385
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.8
125 8.1 9.6 14.4#





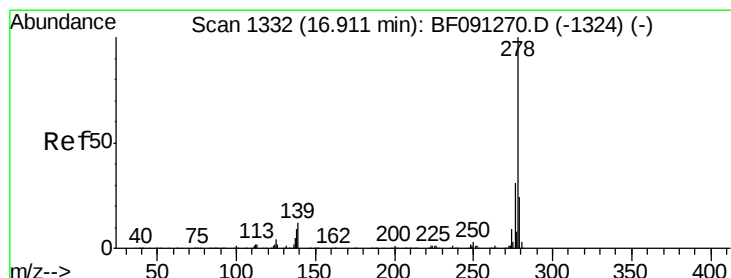
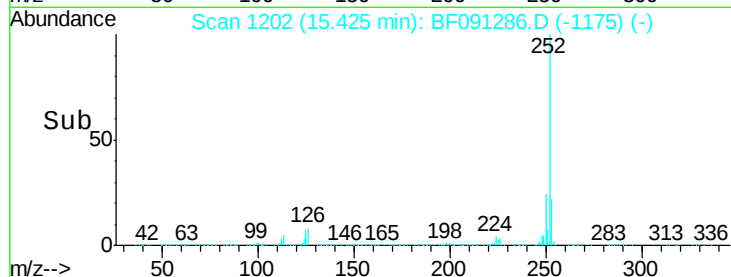
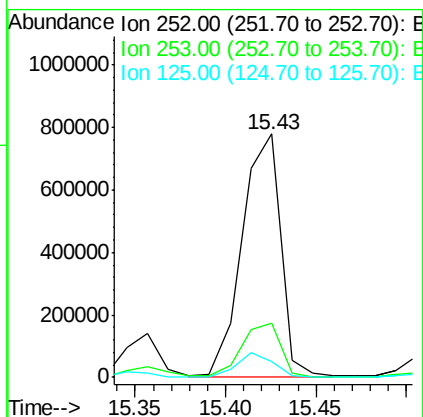
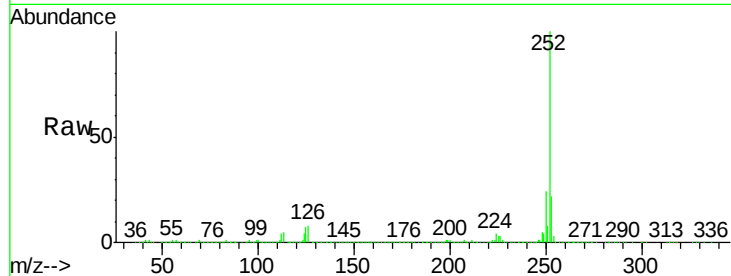
#89
Benzo(a)pyrene
Concen: 42.82 ng m
RT: 15.43 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Instrument :
BNA_F
ClientSampleId :
SB-01(0-0.16)MS

Tgt Ion: 252 Resp: 1170613
Ion Ratio Lower Upper
252 100
253 22.1 18.2 27.4
125 6.7 10.4 15.6#

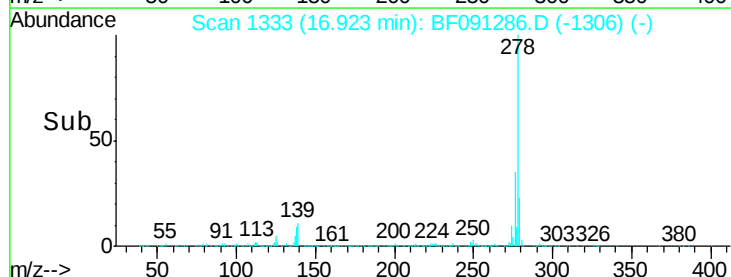
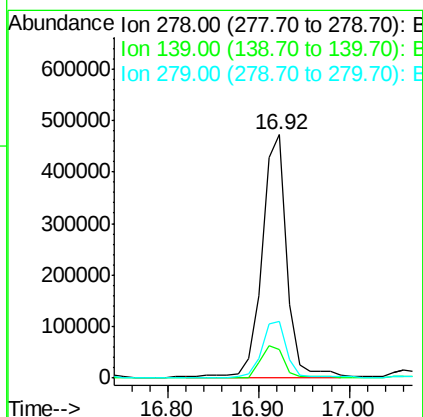
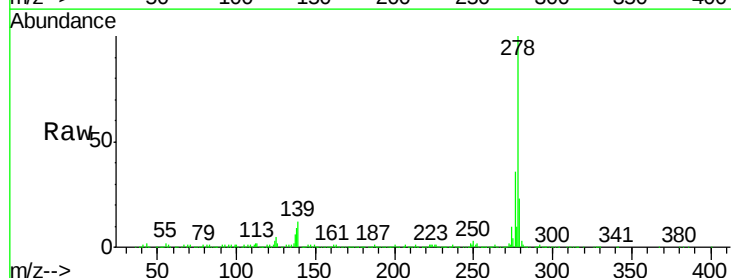
Manual Integrations
APPROVED

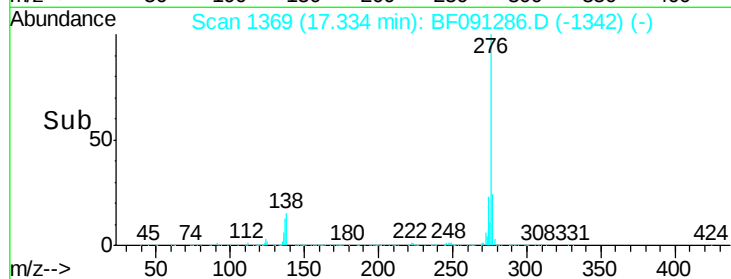
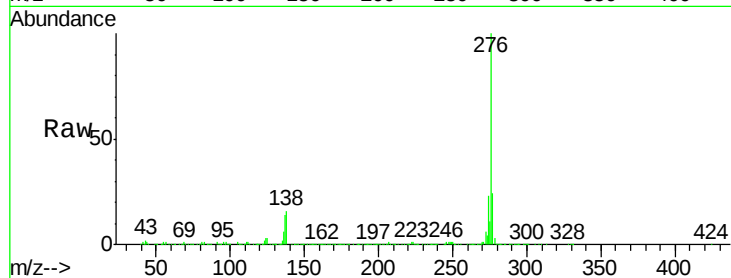
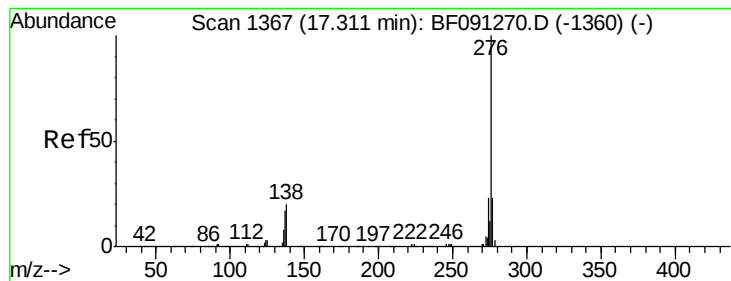
sohil
11/28/2016 4:52:54 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.40 ng m
RT: 16.92 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF091286.D
Acq: 23 Nov 2016 20:30

Tgt Ion: 278 Resp: 918671
Ion Ratio Lower Upper
278 100
139 11.7 15.1 22.7#
279 23.5 19.0 28.6





#91

Benzo(g,h,i)perylene

Concen: 36.85 ng

RT: 17.33 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF091286.D

Acq: 23 Nov 2016 20:30

Instrument :

BNA_F

ClientSampleId :

SB-01(0-0.16)MS

Tgt Ion:	276	Resp:	922688
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.0	28.4
138	15.7	15.4	23.0

Manual Integrations
APPROVED

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11/28/2016 4:52:54 PM

