

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062016\
 Data File : BF088178.D
 Acq On : 20 Jun 2016 18:27
 Operator : UM/SJ
 Sample : PB91291BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Manual Integrations
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 6/21/2016 4:22:04 PM

Quant Time: Jun 20 19:20:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 17:39:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	84633	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	347662	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	170147	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	314552	20.00	ng	0.00
75) Chrysene-d12	13.81	240	228373	20.00	ng	0.00
86) Perylene-d12	15.18	264	198478	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	535165	108.10	ng	0.01
7) Phenol-d6	6.33	99	701470	116.92	ng	0.00
23) Nitrobenzene-d5	7.24	82	470854	79.09	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	167437	93.20	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	922128	85.15	ng	-0.01
78) Terphenyl-d14	12.77	244	854302	85.12	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	74696	31.05	ng	# 37
3) Pyridine	2.87	79	207095	36.46	ng	92
4) n-Nitrosodimethylamine	2.82	42	92292	38.37	ng	80
6) Aniline	6.33	93	168450	19.73	ng	# 44
8) 2-Chlorophenol	6.46	128	255061	43.53	ng	92
10) Phenol	6.34	94	315771	51.32	ng	91
11) bis(2-Chloroethyl)ether	6.41	93	217659	41.37	ng	91
12) 1,3-Dichlorobenzene	6.60	146	253216	40.28	ng	98
13) 1,4-Dichlorobenzene	6.68	146	262714	41.48	ng	99
14) 1,2-Dichlorobenzene	6.83	146	229682m	39.88	ng	
15) Benzyl Alcohol	6.82	79	162608	34.64	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	257360	36.21	ng	73
17) 2-Methylphenol	6.95	107	208661	43.91	ng	98
18) Hexachloroethane	7.18	117	94216	41.92	ng	91
19) n-Nitroso-di-n-propylamine	7.10	70	166718	43.44	ng	# 84
20) 3+4-Methylphenols	7.11	107	266191	48.01	ng	# 74
22) Acetophenone	7.08	105	323872	41.69	ng	# 98
24) Nitrobenzene	7.26	77	232453	40.31	ng	90
25) Isophorone	7.50	82	449506	40.76	ng	99
26) 2-Nitrophenol	7.58	139	137690	44.57	ng	# 86
27) 2,4-Dimethylphenol	7.63	122	226092	39.75	ng	99
28) bis(2-Chloroethoxy)methane	7.71	93	287694	42.06	ng	# 96
29) 2,4-Dichlorophenol	7.83	162	222346	46.82	ng	93
30) 1,2,4-Trichlorobenzene	7.90	180	204342	39.51	ng	99
31) Naphthalene	7.98	128	738131	42.90	ng	99
32) Benzoic acid	7.76	122	73133	23.35	ng	94
33) 4-Chloroaniline	8.03	127	140241	18.25	ng	96
34) Hexachlorobutadiene	8.09	225	110112	40.37	ng	98
35) Caprolactam	8.41	113	69336m	44.08	ng	
36) 4-Chloro-3-methylphenol	8.54	107	232438	45.76	ng	97
37) 2-Methylnaphthalene	8.66	142	482121	42.52	ng	# 97
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	200988	45.59	ng	# 1
40) Hexachlorocyclopentadiene	8.82	237	114797	41.83	ng	98
42) 2,4,6-Trichlorophenol	8.96	196	134440	39.51	ng	99

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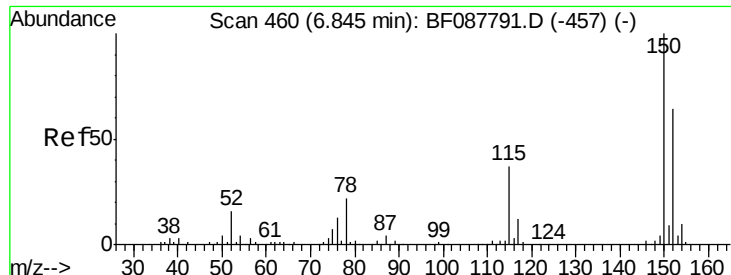
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.00	196	144963	40.95	nq	96
45) 1,1'-Biphenyl	9.13	154	577442	45.25	nq	98
46) 2-Chloronaphthalene	9.15	162	460702	41.84	nq	98
47) 2-Nitroaniline	9.26	65	128232	39.48	nq	90
48) Acenaphthylene	9.56	152	678727	38.76	nq	100
49) Dimethylphthalate	9.44	163	537434	43.60	nq	100
50) 2,6-Dinitrotoluene	9.51	165	123976	43.92	nq	# 82
51) Acenaphthene	9.74	154	425191	38.92	nq	99
52) 3-Nitroaniline	9.67	138	77506	23.80	nq	93
53) 2,4-Dinitrophenol	9.78	184	49603	37.96	nq	99
54) Dibenzofuran	9.91	168	577701	38.40	nq	# 90
55) 4-Nitrophenol	9.86	139	141668	56.04	nq	# 71
56) 2,4-Dinitrotoluene	9.91	165	158520	43.70	nq	# 61
57) Fluorene	10.25	166	488466	48.41	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	115460	41.50	nq	# 57
59) Diethylphthalate	10.14	149	553571	44.37	nq	99
60) 4-Chlorophenyl-phenylether	10.24	204	197504	39.47	nq	90
61) 4-Nitroaniline	10.28	138	130491	42.24	nq	98
62) Azobenzene	10.40	77	512814	41.57	nq	95
64) 4,6-Dinitro-2-methylphenol	10.32	198	54180	28.51	nq	# 63
65) n-Nitrosodiphenylamine	10.36	169	431486	41.34	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	142864	42.34	nq	# 91
67) Hexachlorobenzene	10.80	284	149476	42.63	nq	# 72
68) Atrazine	10.90	200	156483	49.51	nq	95
69) Pentachlorophenol	10.99	266	91158	49.32	nq	97
70) Phenanthrene	11.21	178	736541	44.62	nq	98
71) Anthracene	11.26	178	718943	43.18	nq	100
72) Carbazole	11.42	167	672403	43.16	nq	100
73) Di-n-butylphthalate	11.75	149	823711	41.76	nq	100
74) Fluoranthene	12.39	202	763000	43.80	nq	98
76) Benzidine	12.51	184	290356	45.92	nq	98
77) Pyrene	12.62	202	783414	46.23	nq	99
79) Butylbenzylphthalate	13.23	149	350852	46.83	nq	# 83
80) Benzo(a)anthracene	13.79	228	562642	43.23	nq	99
81) 3,3'-Dichlorobenzidine	13.76	252	109948	31.42	nq	# 95
82) Chrysene	13.84	228	639781	52.25	nq	98
83) Bis(2-ethylhexyl)phthalate	13.79	149	427984	46.92	nq	99
84) Di-n-octyl phthalate	14.40	149	848469	57.25	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.47	276	476649	41.90	nq	# 100
87) Benzo(b)fluoranthene	14.80	252	705386m	50.99	nq	
88) Benzo(k)fluoranthene	14.83	252	357805m	34.29	nq	
89) Benzo(a)pyrene	15.13	252	497825	44.48	nq	# 94
90) Dibenzo(a,h)anthracene	16.47	278	400245	38.50	nq	97
91) Benzo(g,h,i)perylene	16.85	276	421683	39.43	nq	98

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



#1

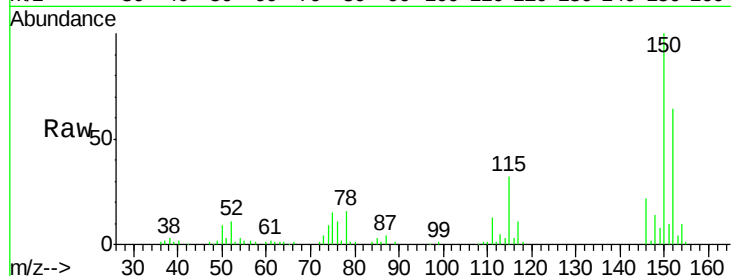
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.67 min Scan# 445
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
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PB91291BS

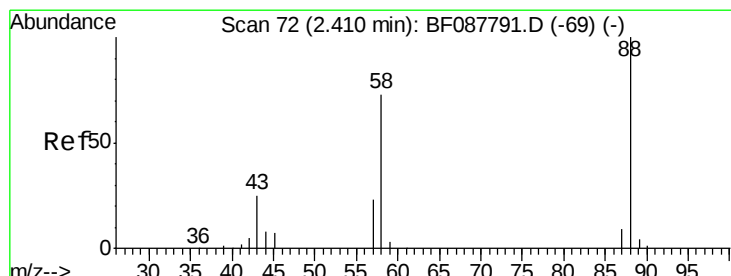
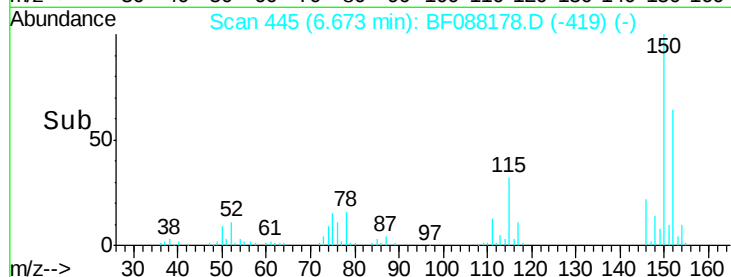
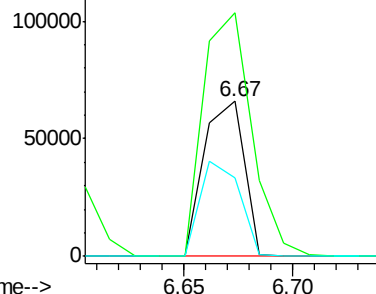
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.8	185.6
115	50.4	39.6	59.4

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E

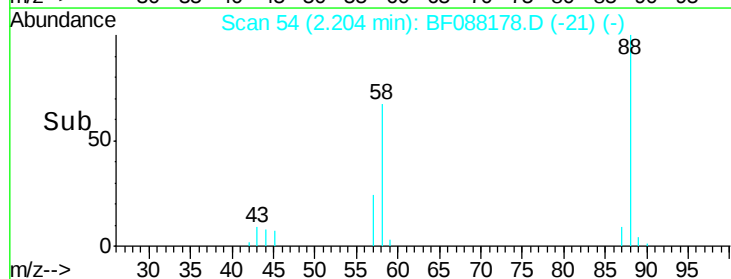
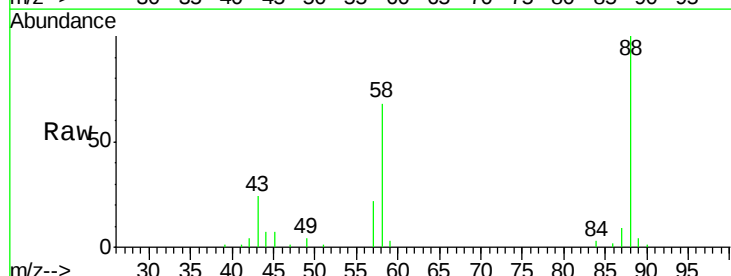
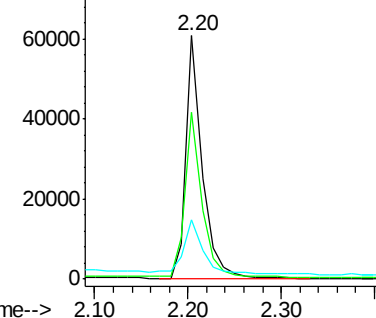


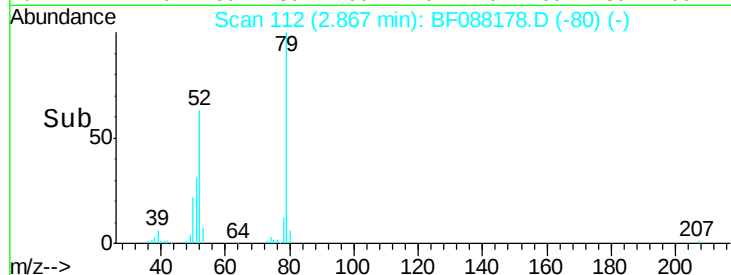
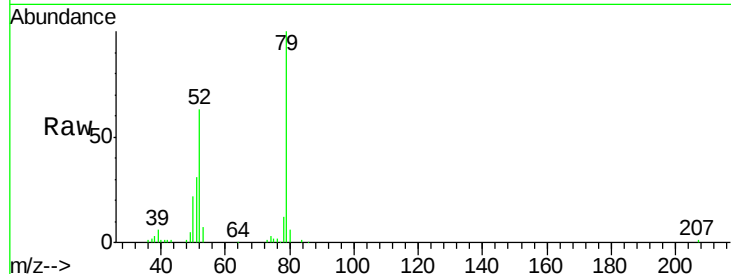
#2

1,4-Dioxane
Concen: 31.05 ng
RT: 2.20 min Scan# 54
Delta R.T. 0.08 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	0.0	0.0#
43	25.0	3.4	5.2#

Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





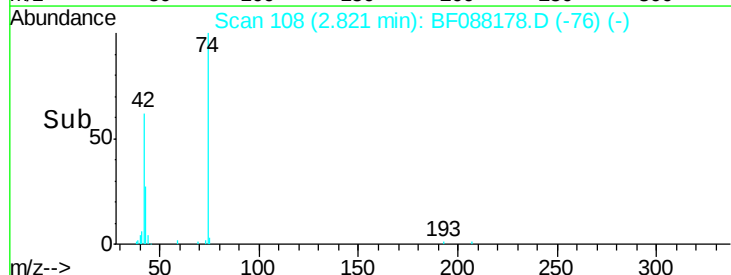
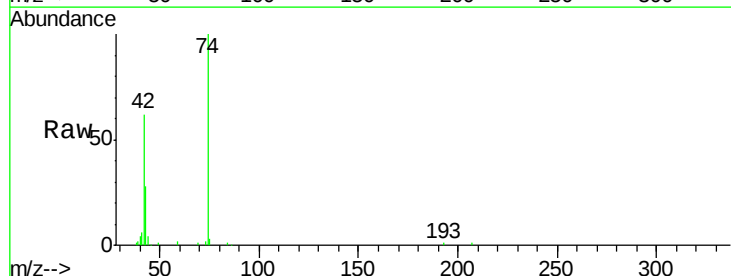
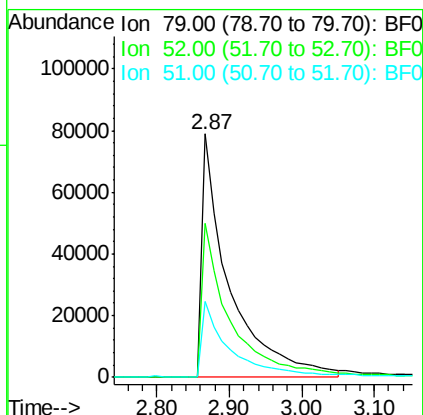
#3
 Pvridine
 Concen: 36.46 ng
 RT: 2.87 min Scan# 112
 Delta R.T. 0.07 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	207095		
52	52	63.1		56.3	84.5
51	51	31.0		27.4	41.2

Instrument :
 BNA_F
 ClientSampled :
 PB91291BS

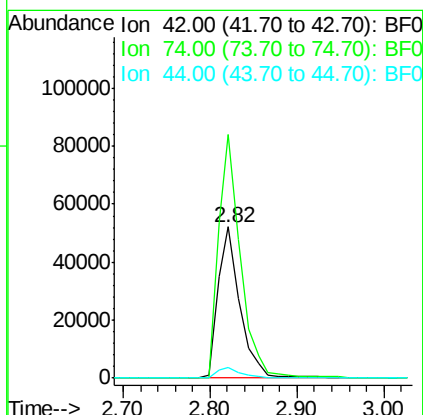
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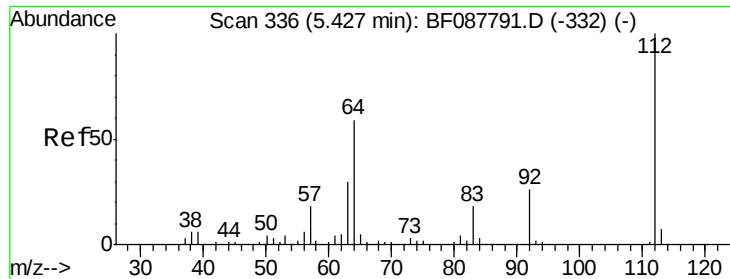
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#4
 n-Nitrosodimethylamine
 Concen: 38.37 ng
 RT: 2.82 min Scan# 108
 Delta R.T. 0.07 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	92292		
74	74	161.1		108.6	163.0
44	44	7.0		5.5	8.3





#5

2-Fluorophenol

Concen: 108.10 ng

RT: 5.27 min Scan# 322

Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

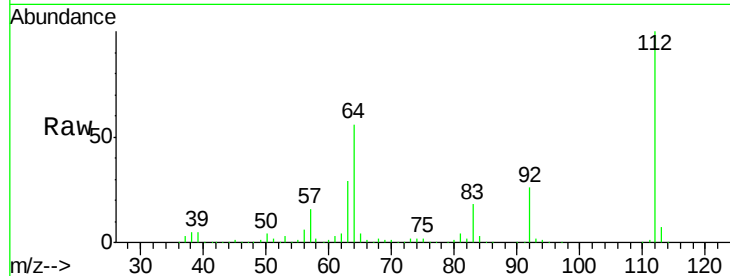
ClientSampleId :

PB91291BS

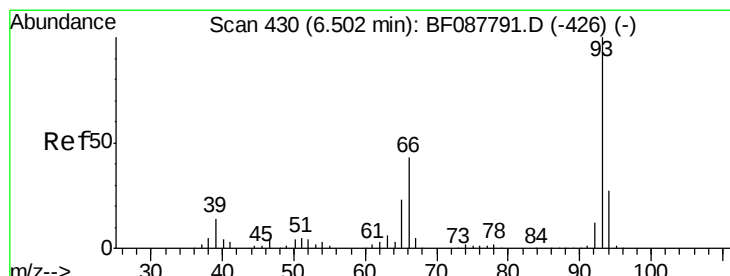
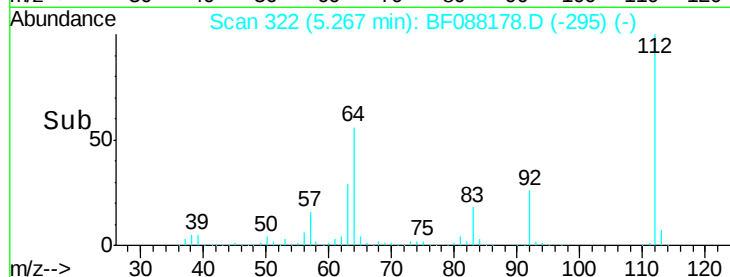
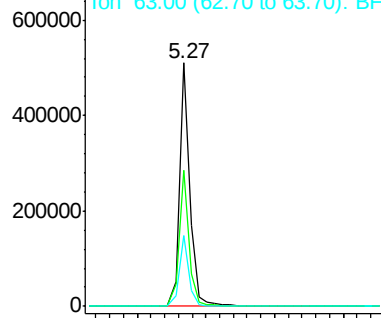
Tot Ion:	112	Resp:	535165
Ion Ratio	Lower	Upper	
112	100		
64	56.0	42.2	63.2
63	28.8	21.8	32.8

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Abundance Ion 112.00 (111.70 to 112.70): BF088178.D (-322) (-)



#6

Aniline

Concen: 19.73 ng

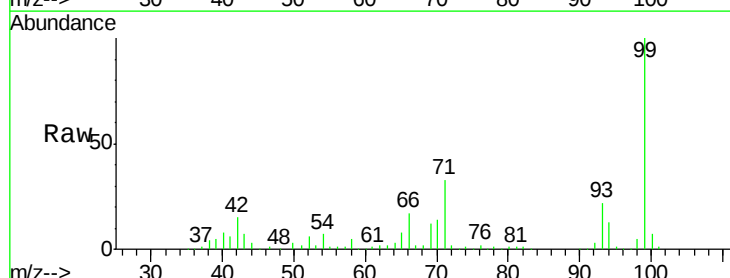
RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

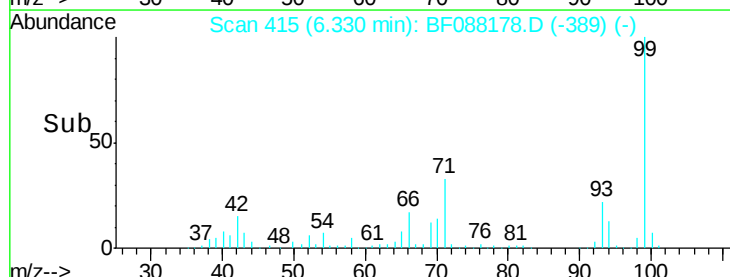
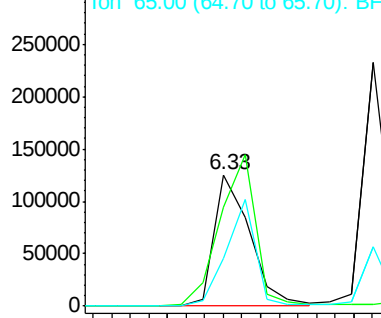
Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:	93	Resp:	168450
Ion Ratio	Lower	Upper	
93	100		
66	75.9	29.8	44.8#
65	36.2	14.9	22.3#



Abundance Ion 93.00 (92.70 to 93.70): BF088178.D (-389) (-)





#7

Phenol-d6

Concen: 116.92 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

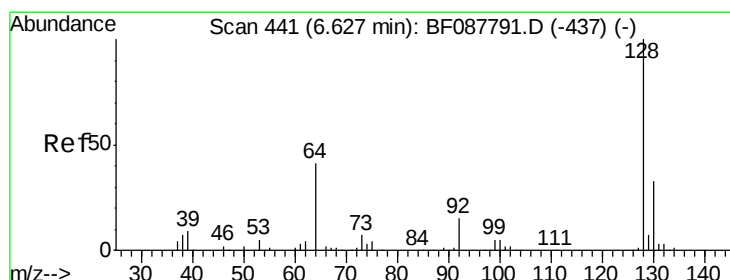
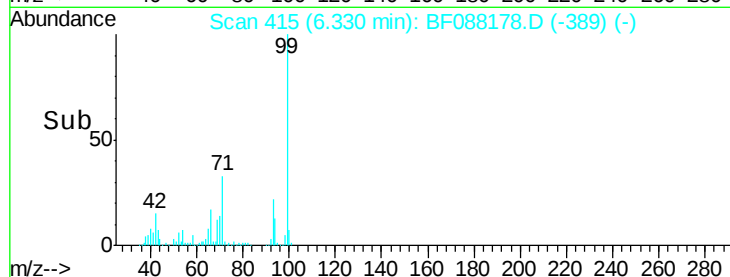
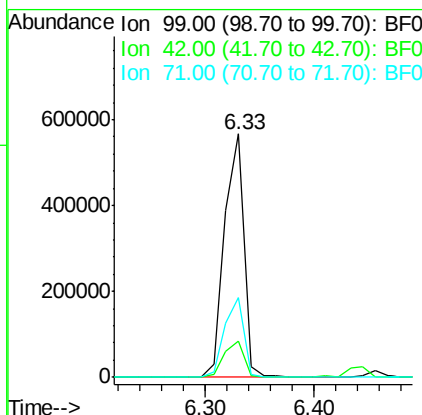
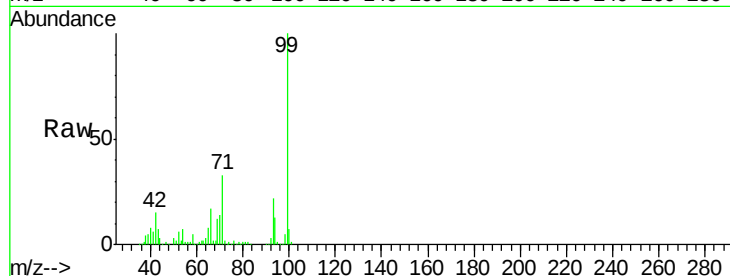
ClientSampleId :

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Tot Ion:	99	Resp:	701470
Ion Ratio	Lower	Upper	
99	100		
42	14.8	12.2	18.2
71	32.8	23.4	35.0

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#8

2-Chlorophenol

Concen: 43.53 ng

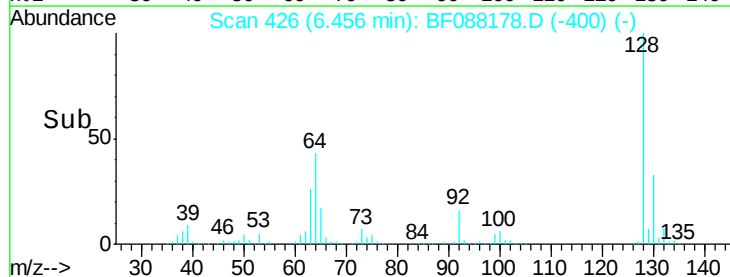
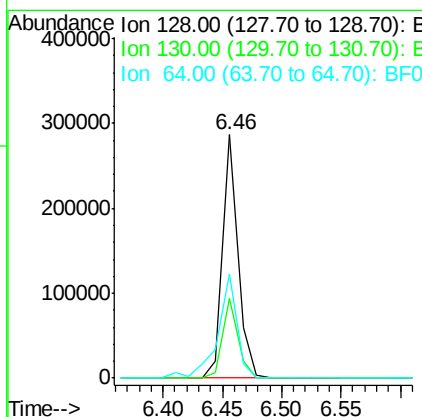
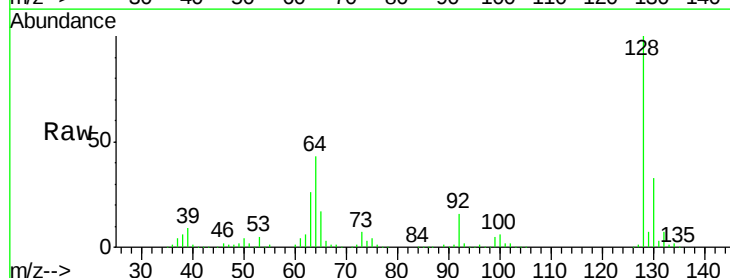
RT: 6.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:	128	Resp:	255061
Ion Ratio	Lower	Upper	
128	100		
130	32.9	12.0	52.0
64	42.9	30.8	70.8





#10

Phenol

Concen: 51.32 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

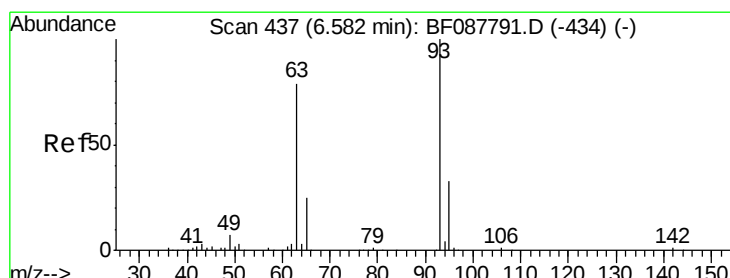
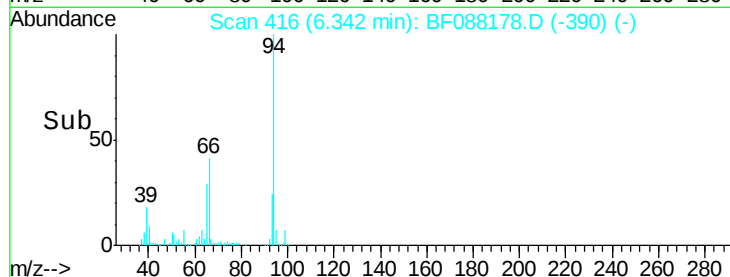
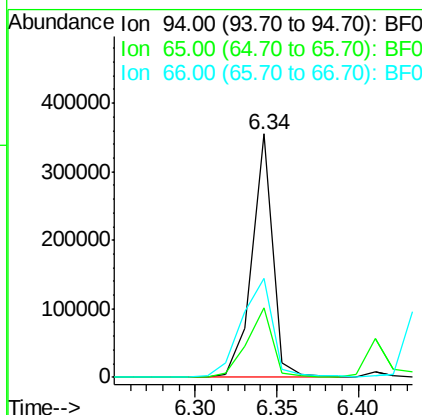
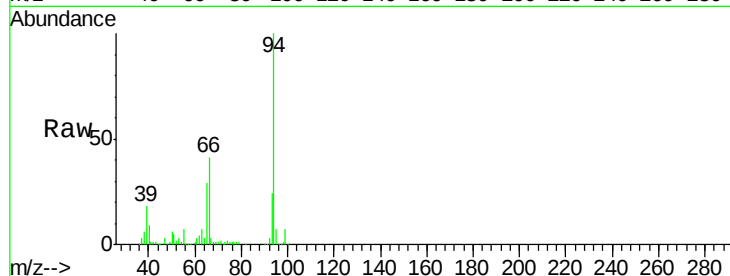
ClientSampleId :

PB91291BS

Tot Ion:	94	Resp:	315771
Ion Ratio	Lower	Upper	
94	100		
65	28.5	5.9	45.9
66	40.6	14.0	54.0

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 41.37 ng

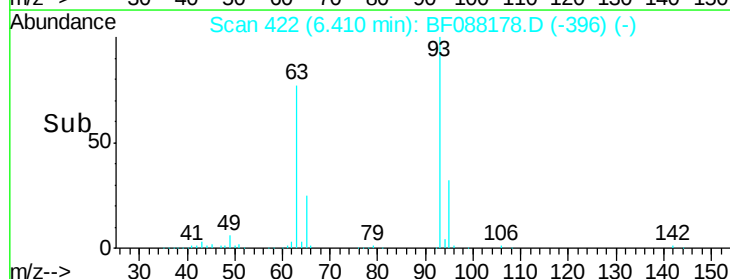
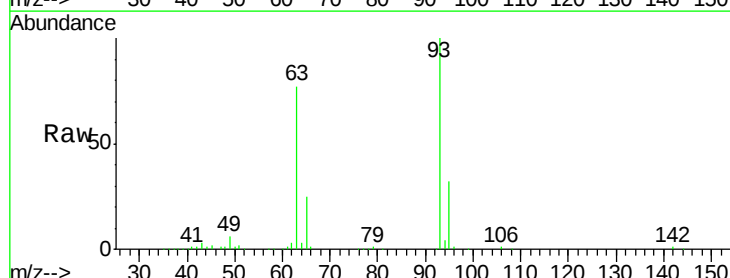
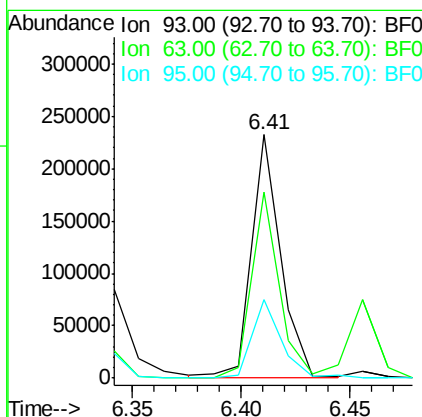
RT: 6.41 min Scan# 422

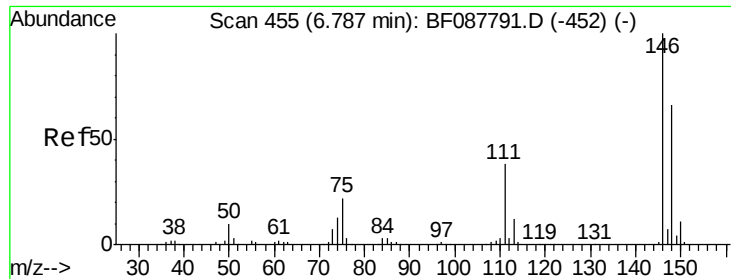
Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:	93	Resp:	217659
Ion Ratio	Lower	Upper	
93	100		
63	76.7	67.6	107.6
95	32.2	12.5	52.5





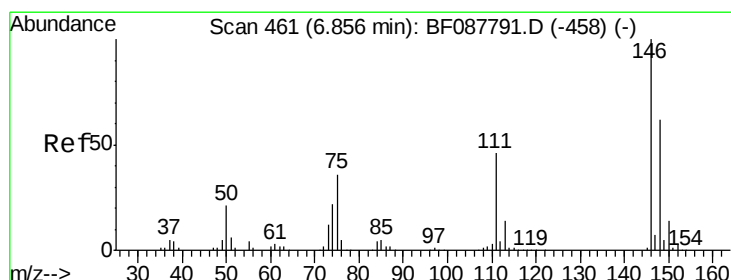
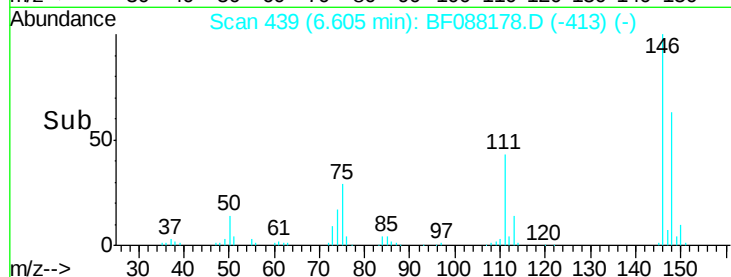
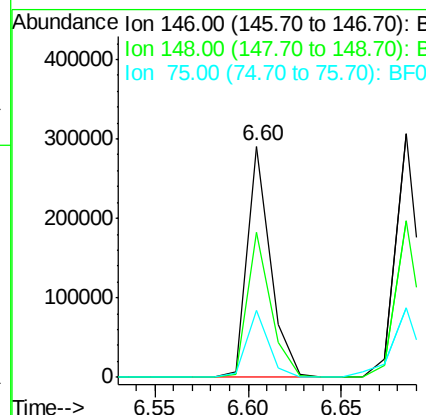
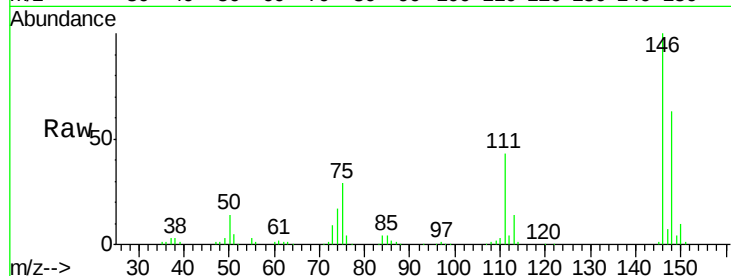
#12
 1,3-Dichlorobenzene
 Concen: 40.28 ng
 RT: 6.60 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.9	50.9	76.3
75	29.0	25.6	38.4

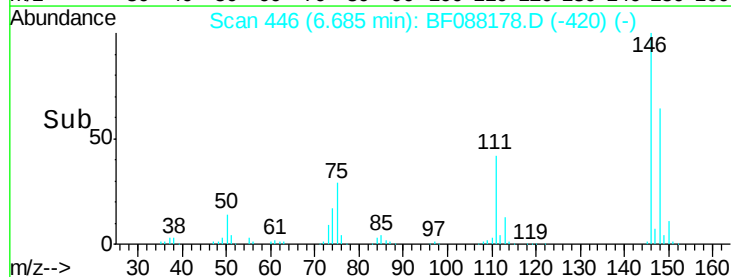
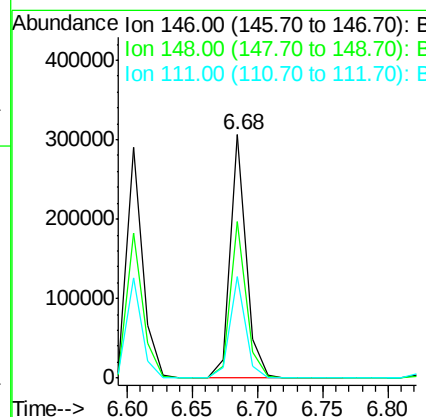
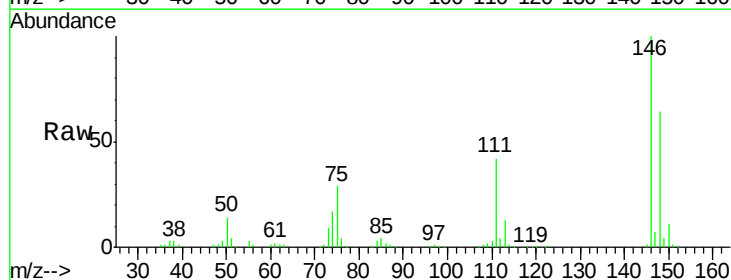
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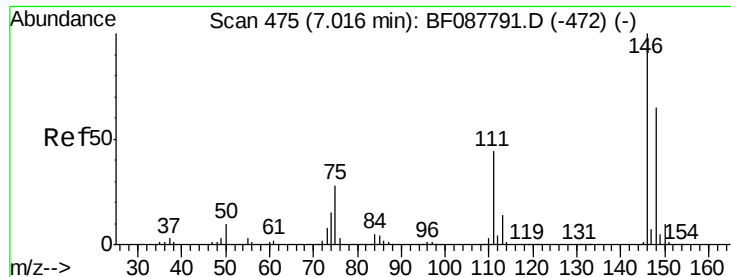
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#13
 1,4-Dichlorobenzene
 Concen: 41.48 ng
 RT: 6.68 min Scan# 446
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.0	78.0
111	41.9	33.8	50.8





#14

1,2-Dichlorobenzene

Concen: 39.88 ng/mL

RT: 6.83 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

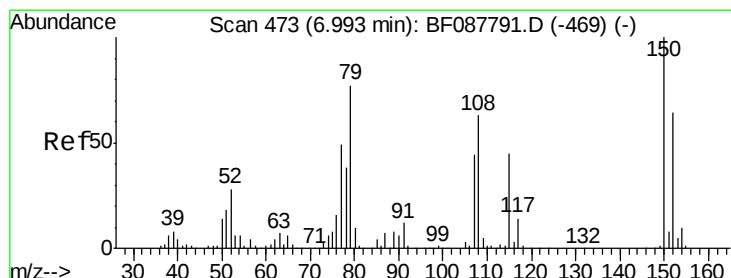
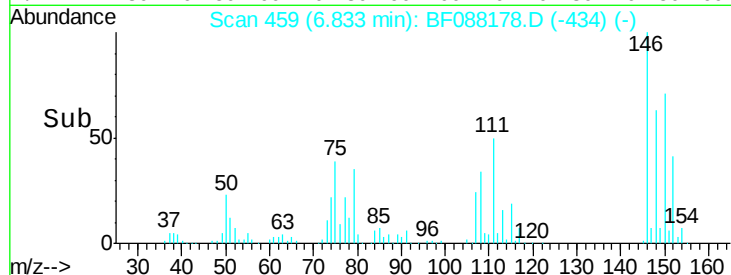
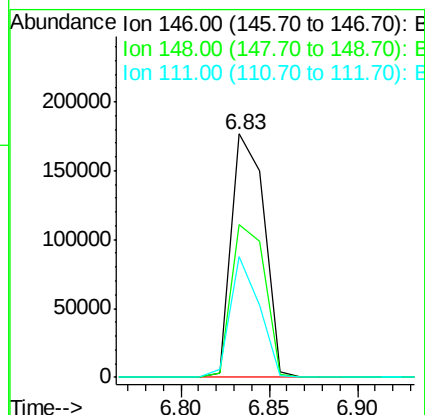
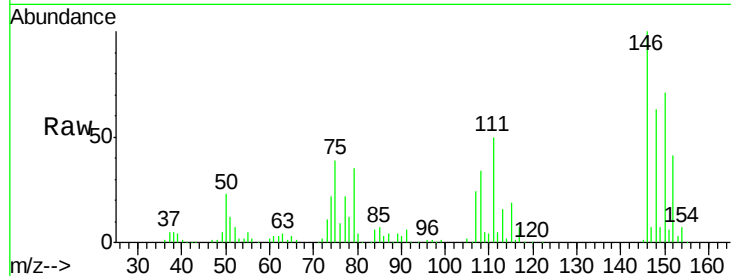
ClientSampleID :

PB91291BS

Tot Ion:	146	Resp:	229682
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.3	78.5
111	49.6	28.7	43.1#

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#15

Benzyl Alcohol

Concen: 34.64 ng/mL

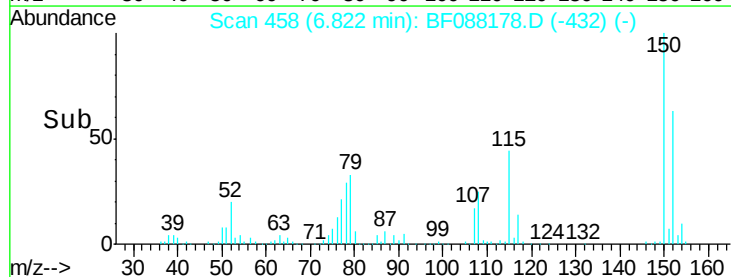
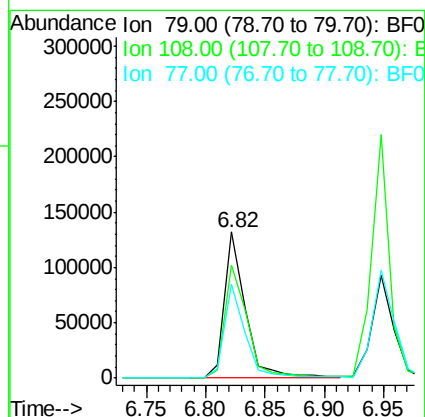
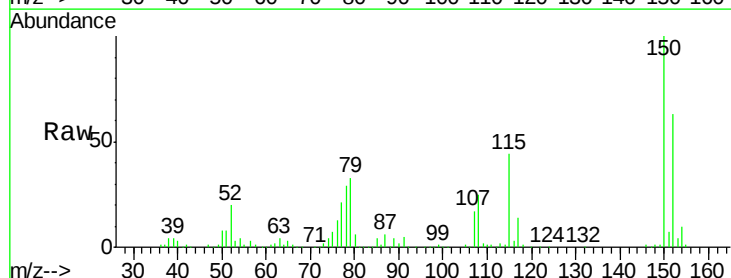
RT: 6.82 min Scan# 458

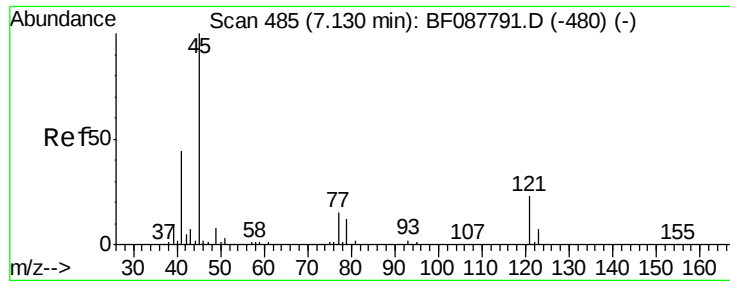
Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:	79	Resp:	162608
Ion Ratio	Lower	Upper	
79	100		
108	77.6	65.0	97.6
77	64.4	50.3	75.5





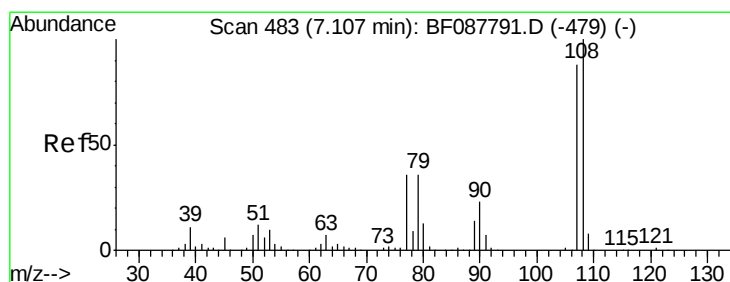
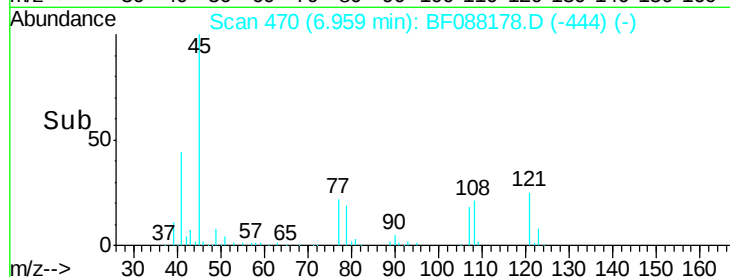
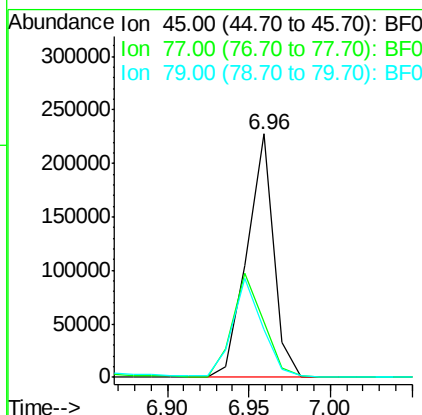
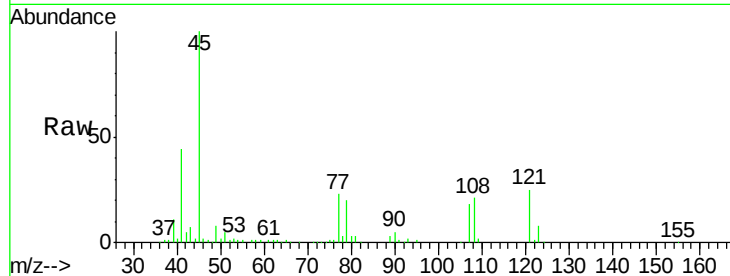
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 36.21 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp	Lower	Upper
45	100	257360		
77	22.8		0.0	32.5
79	19.5		0.0	29.5

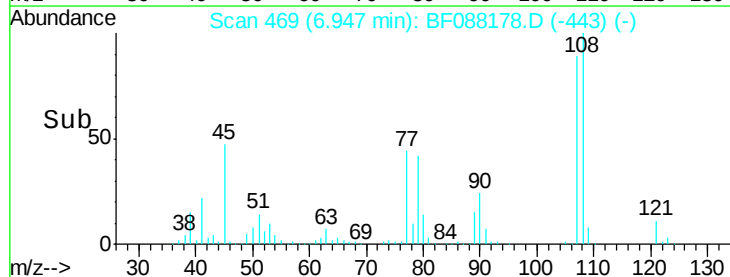
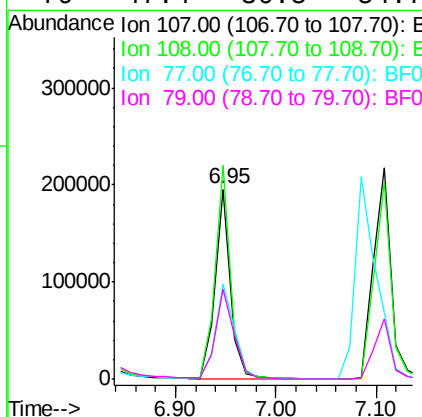
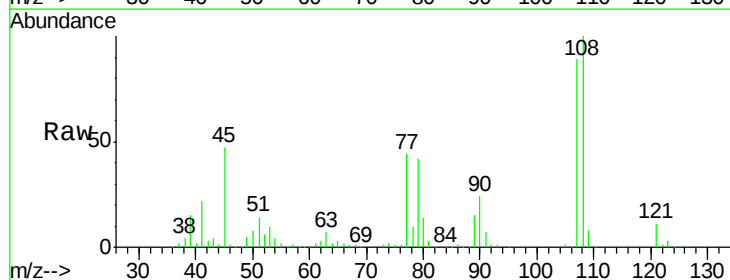
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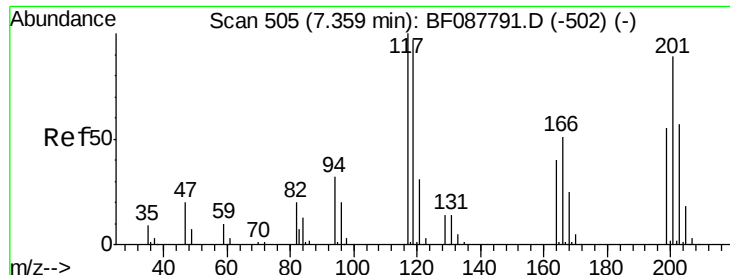
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#17
2-Methylphenol
Concen: 43.91 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	208661		
108	112.7		90.9	136.3
77	50.0		36.6	55.0
79	47.4		36.5	54.7





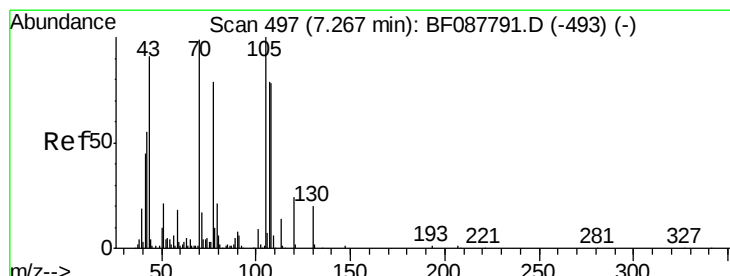
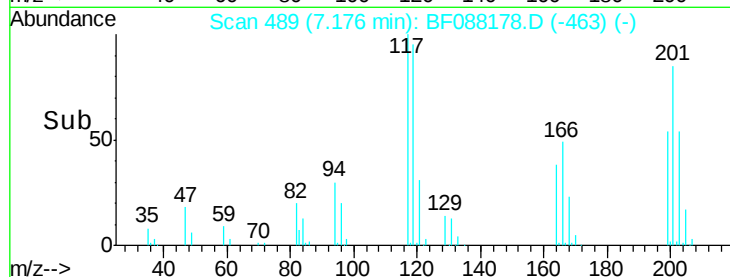
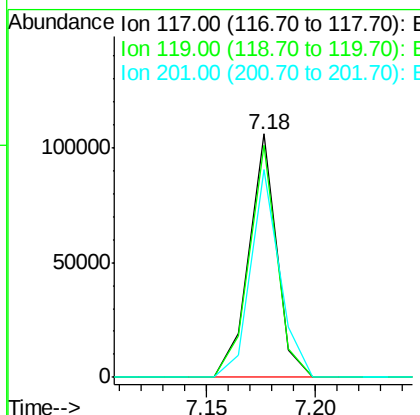
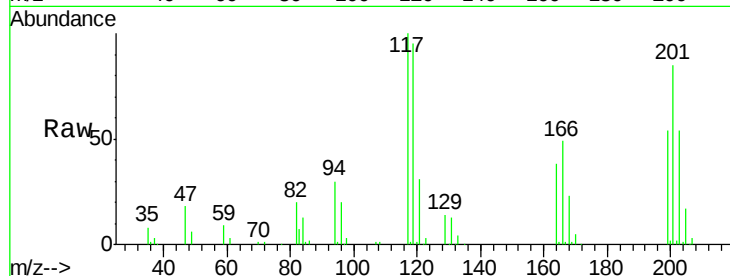
#18
Hexachloroethane
Concen: 41.92 ng
RT: 7.18 min Scan# 489
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
117	100				
119	95.3	77.4	116.2		
201	85.2	80.4	120.6		

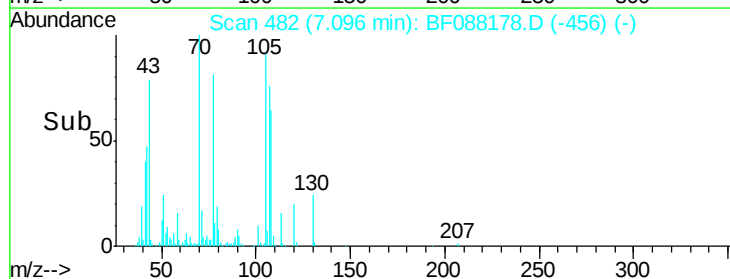
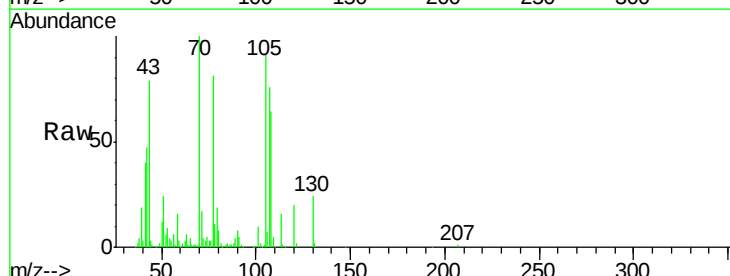
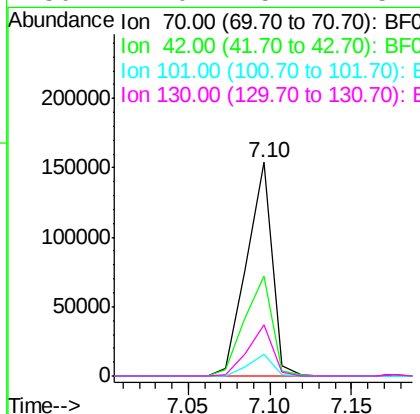
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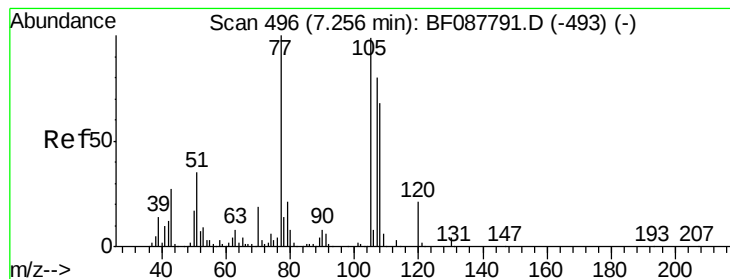
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#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.6	49.6	74.4#		
101	10.2	7.1	10.7		
130	24.0	15.4	23.2#		





#20

3+4-Methylphenols

Concen: 48.01 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.00 min

Lab File: BF088178.D

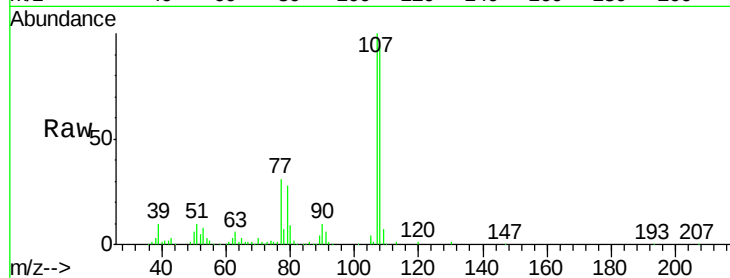
Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS



Tot Ion:107 Resp: 266191

Ion Ratio Lower Upper

107 100

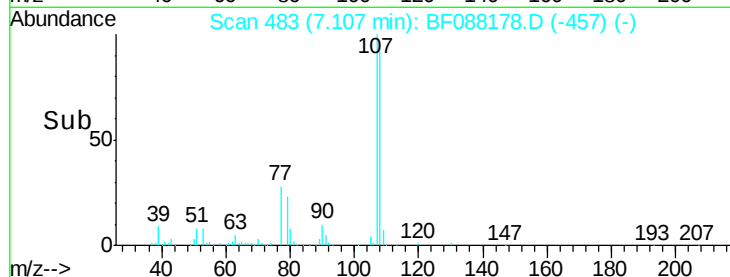
108 93.8 67.8 107.8

77 31.5 59.3 99.3#

79 28.4 7.0 47.0

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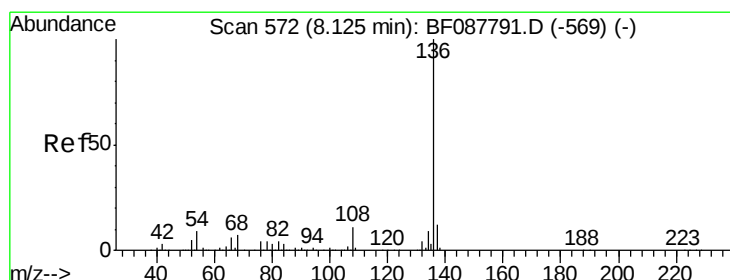
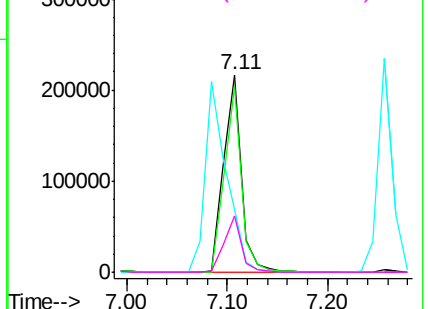


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:136 Resp: 347662

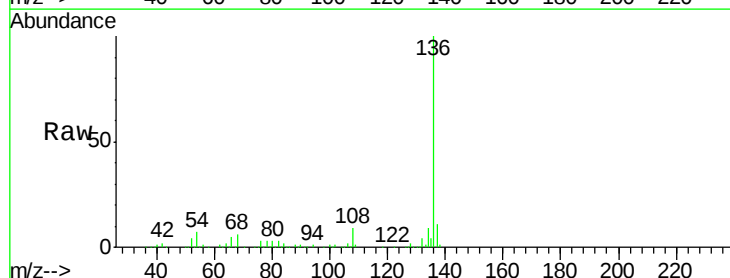
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.0 6.6 10.0

68 5.9 5.1 7.7

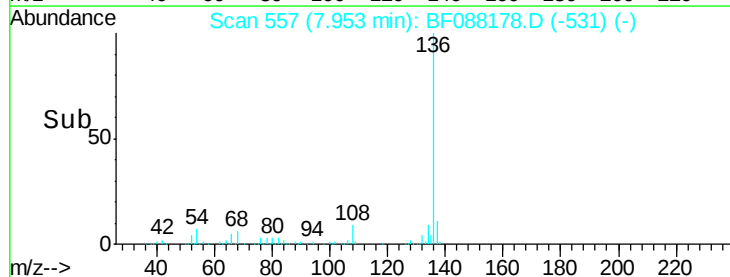
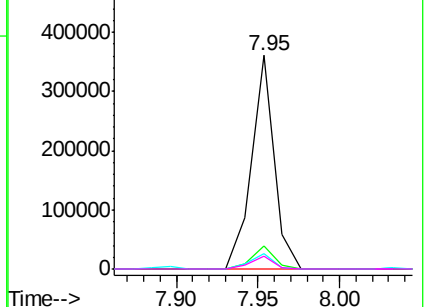


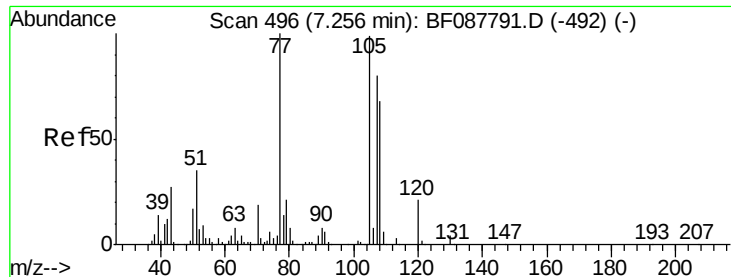
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 41.69 ng

RT: 7.08 min Scan# 481

Delta R.T. -0.00 min

Lab File: BF088178.D

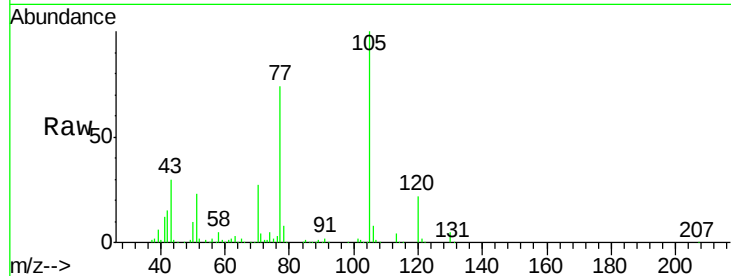
Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS



Tot Ion: 105 Resp: 323872

Ion Ratio Lower Upper

105 100

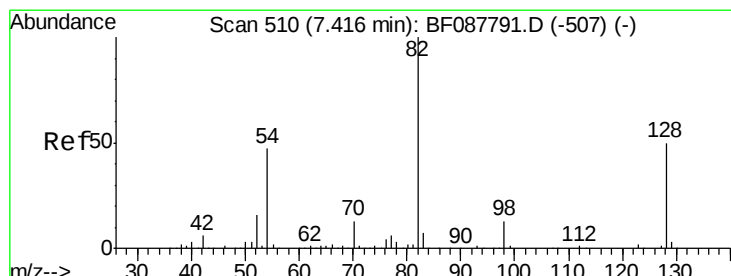
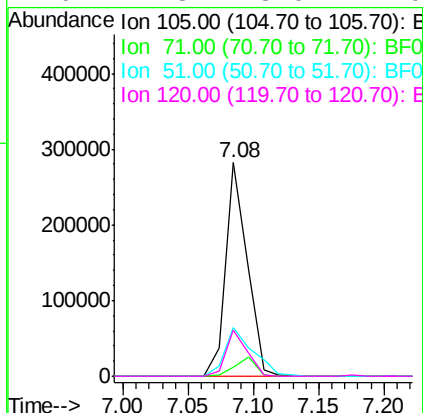
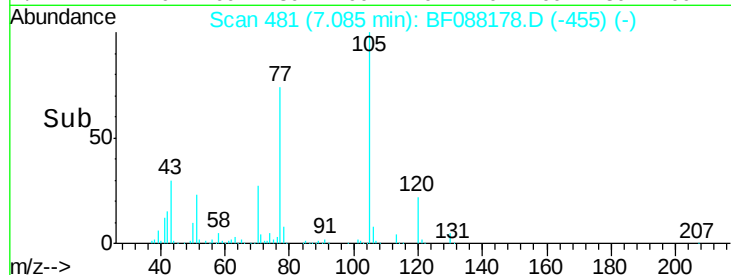
71 4.5 5.3 7.9#

51 23.0 18.2 27.4

120 21.8 18.0 27.0

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#23

Nitrobenzene-d5

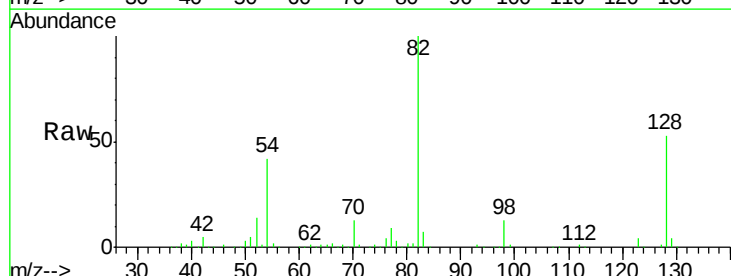
Concen: 79.09 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27



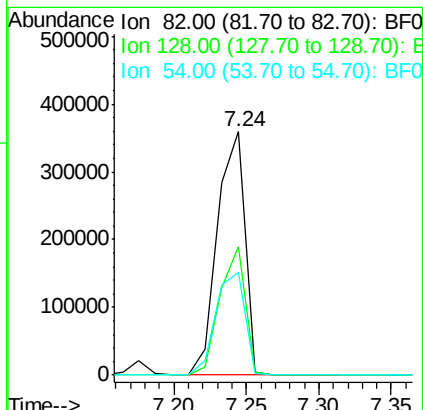
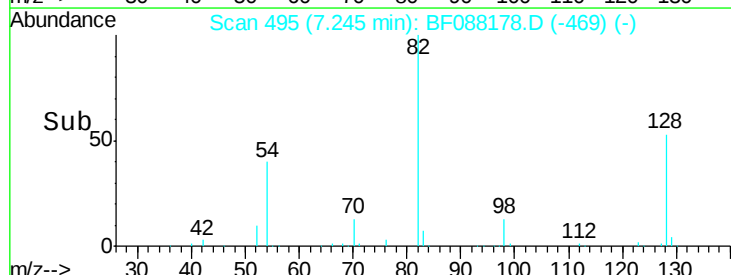
Tgt Ion: 82 Resp: 470854

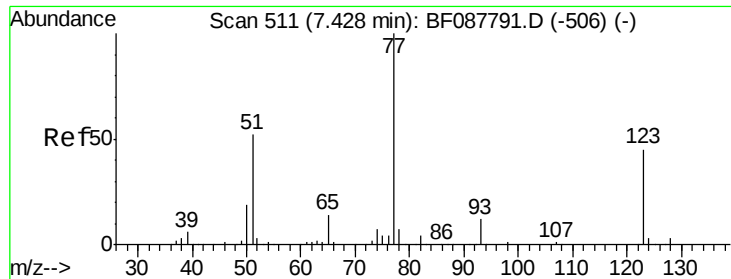
Ion Ratio Lower Upper

82 100

128 52.5 35.9 53.9

54 42.3 40.9 61.3





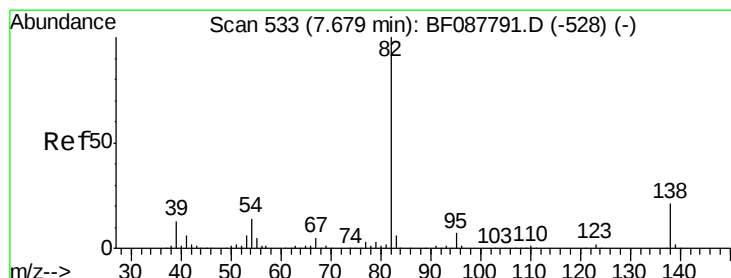
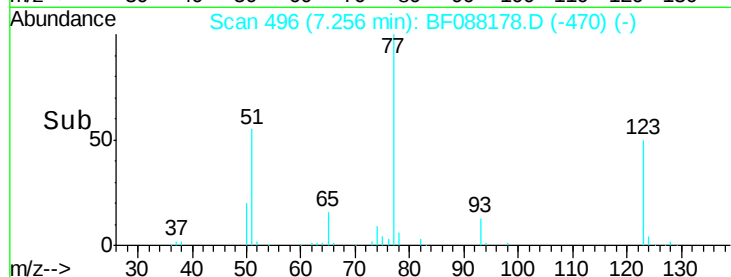
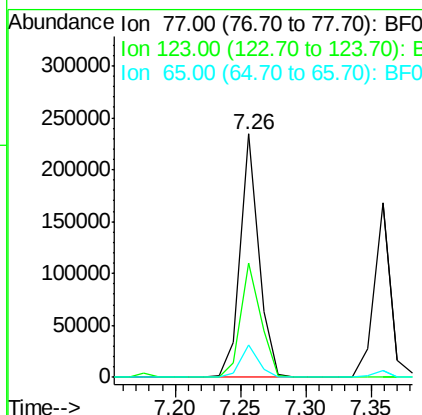
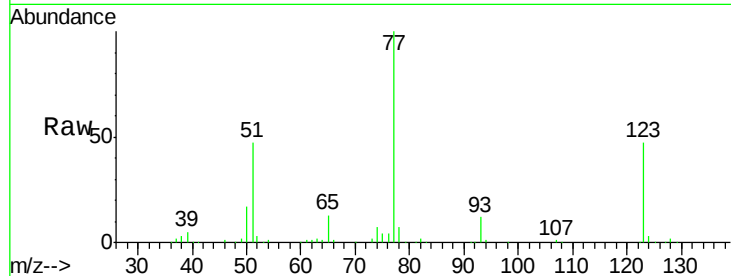
#24
Nitrobenzene
Concen: 40.31 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Lower	Upper
77	100		
123	47.0	45.0	67.4
65	13.2	10.2	15.2

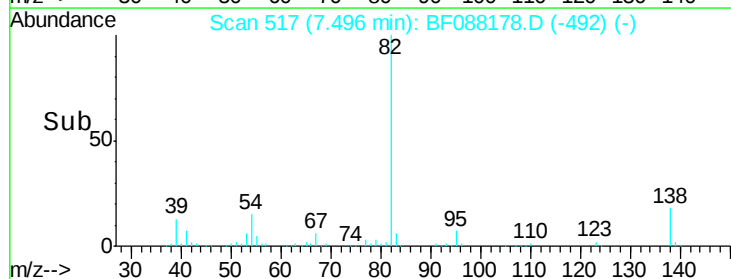
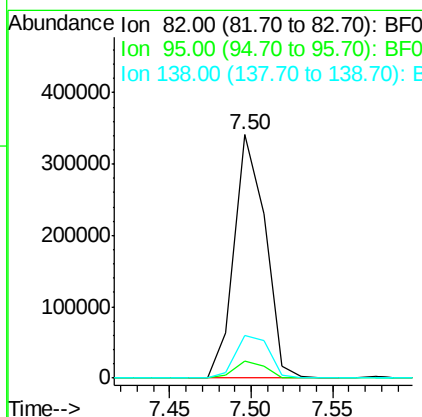
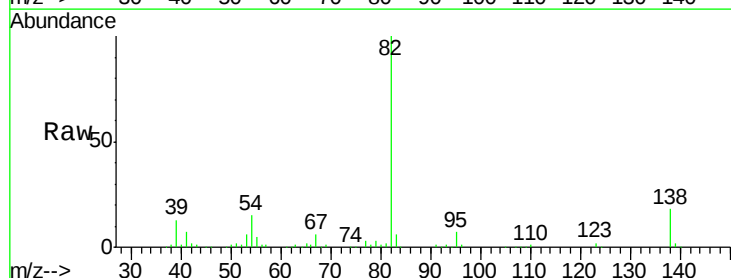
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#25
Isophorone
Concen: 40.76 ng
RT: 7.50 min Scan# 517
Delta R.T. -0.01 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	17.7	14.6	21.8





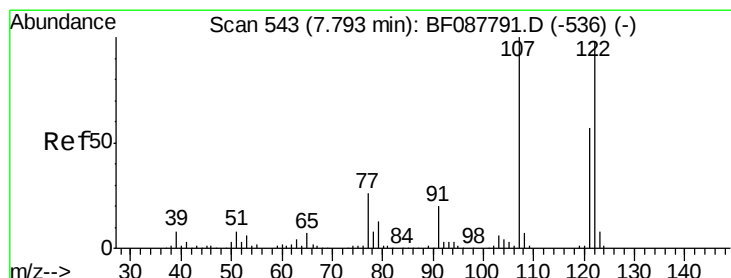
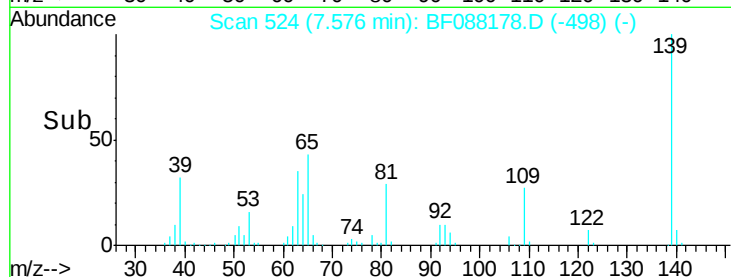
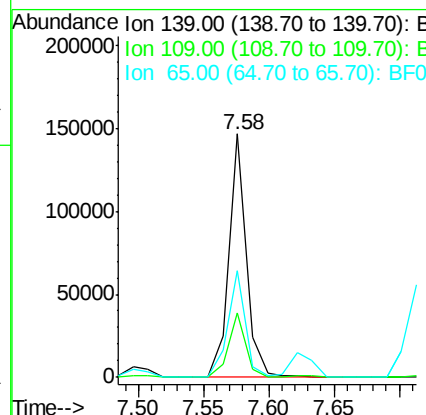
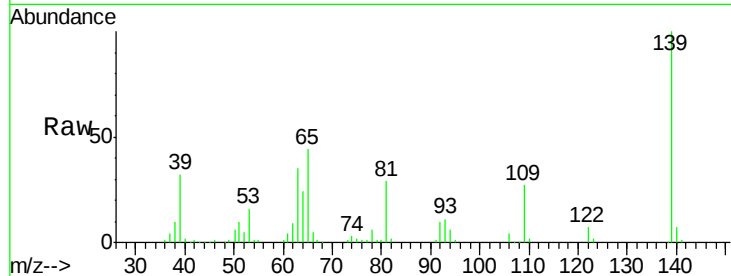
#26
2-Nitrophenol
Concen: 44.57 ng
RT: 7.58 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp Lower	Upper
139	100		
109	26.7	23.0	34.4
65	43.6	45.8	68.8

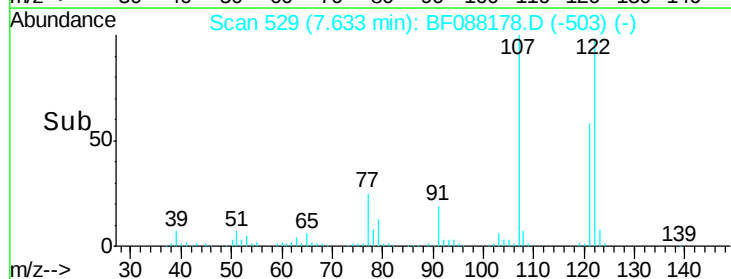
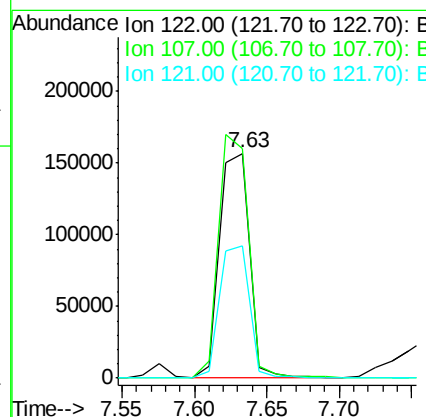
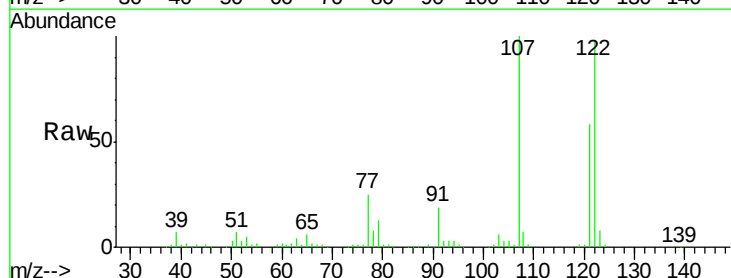
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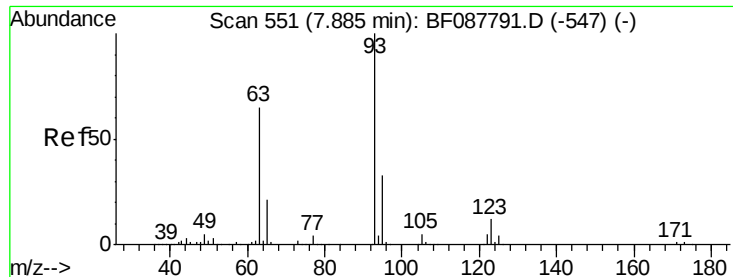
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#27
2,4-Dimethylphenol
Concen: 39.75 ng
RT: 7.63 min Scan# 529
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
107	102.1	82.4	123.6
121	59.1	46.3	69.5





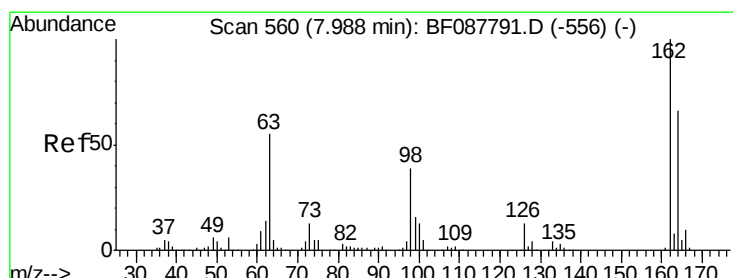
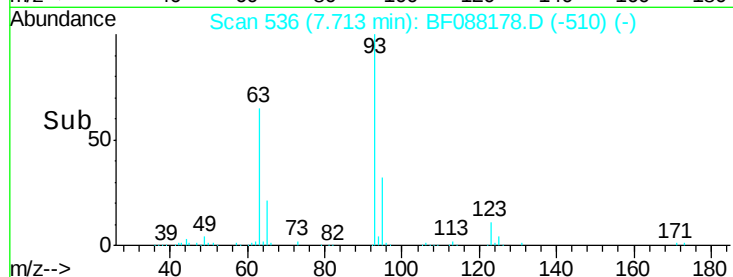
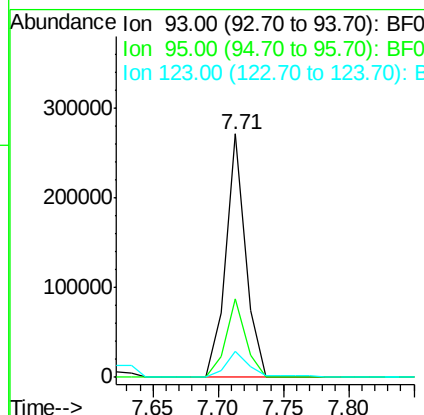
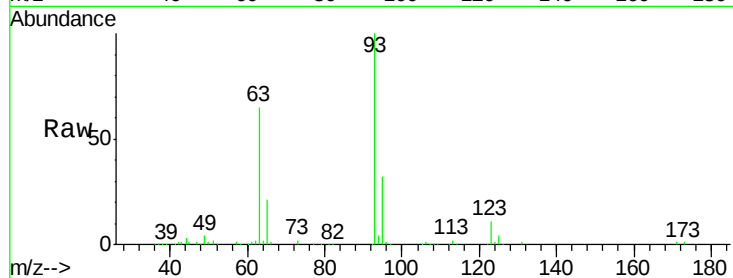
#28
bis(2-Chloroethoxy)methane
Concen: 42.06 ng
RT: 7.71 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.2	26.5	39.7	
123	10.8	11.6	17.4	

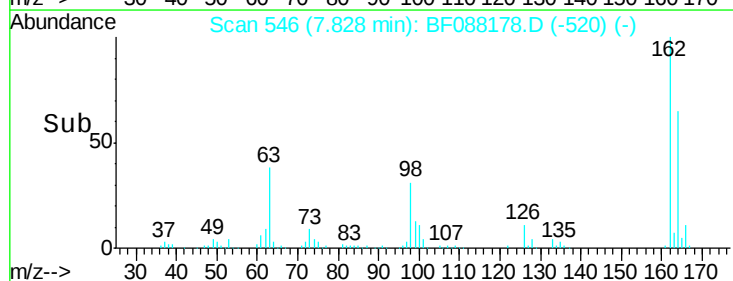
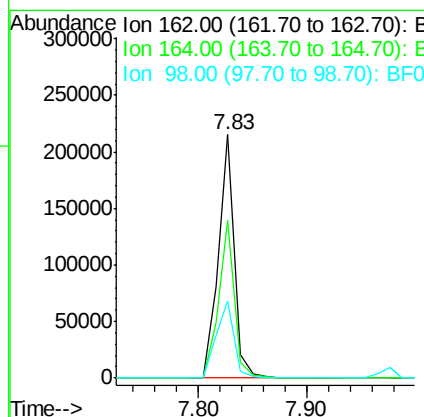
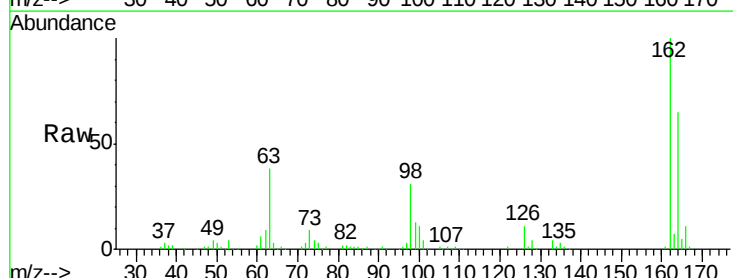
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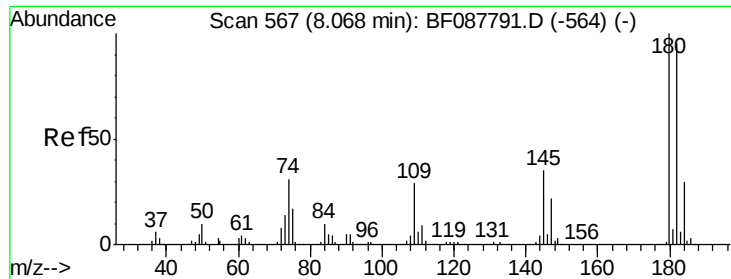
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#29
2,4-Dichlorophenol
Concen: 46.82 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
164	65.0	43.8	83.8	
98	31.5	21.3	61.3	





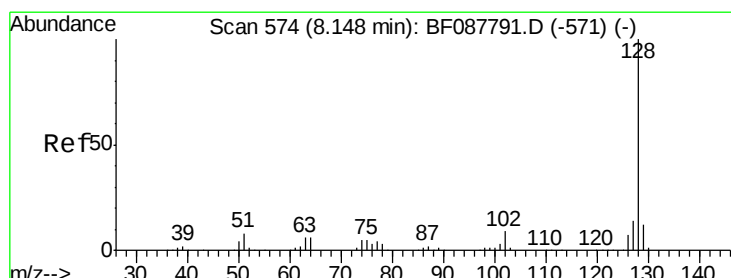
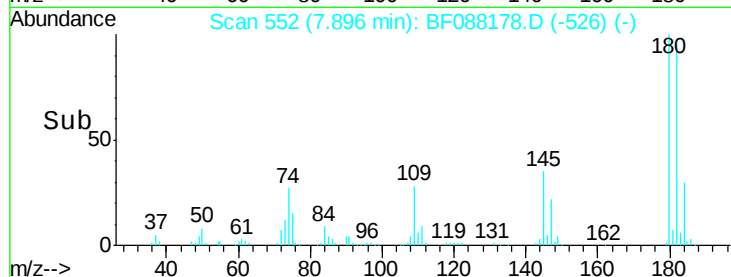
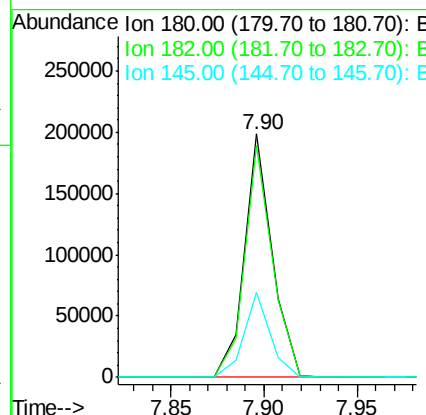
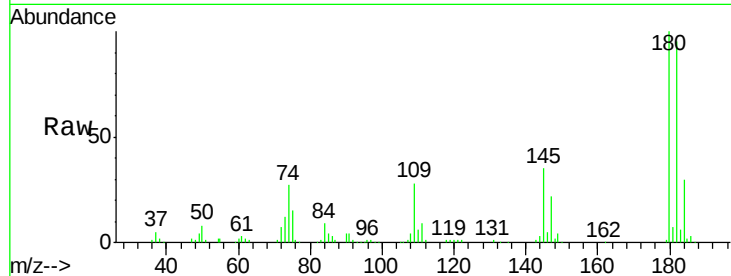
#30
1,2,4-Trichlorobenzene
Concen: 39.51 ng
RT: 7.90 min Scan# 552
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	204342		
182	95.5	76.0	114.0	
145	34.7	26.5	39.7	

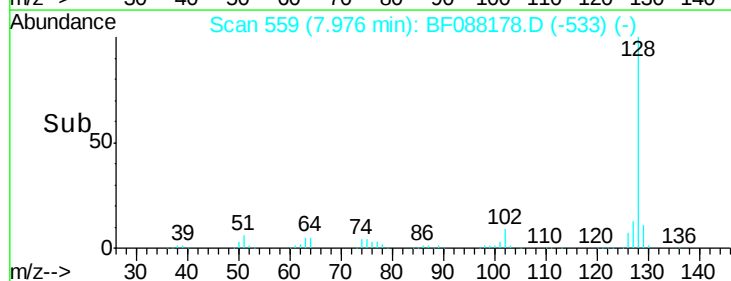
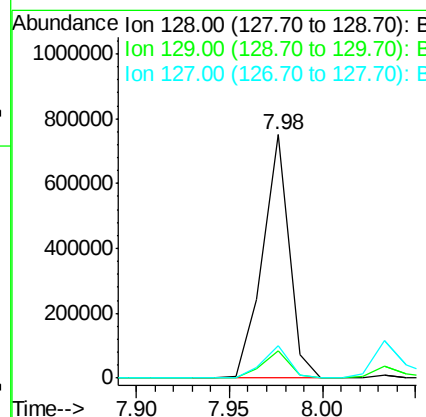
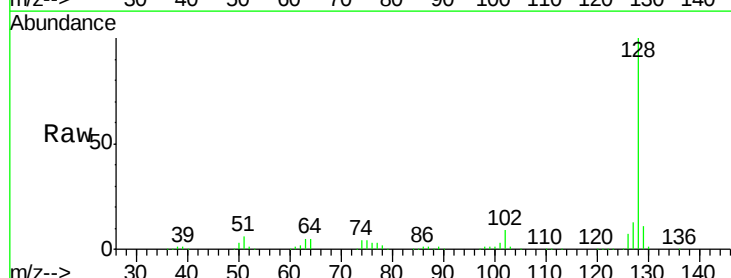
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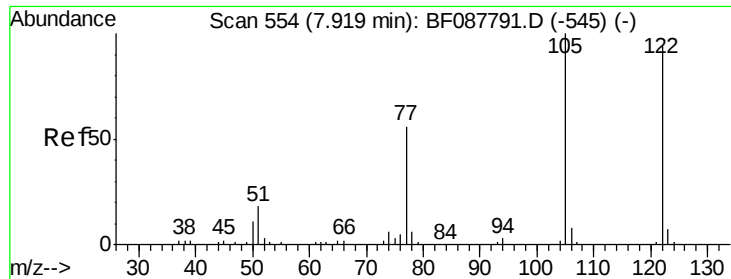
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#31
Naphthalene
Concen: 42.90 ng
RT: 7.98 min Scan# 559
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	738131		
129	11.1	9.4	14.2	
127	13.3	10.9	16.3	





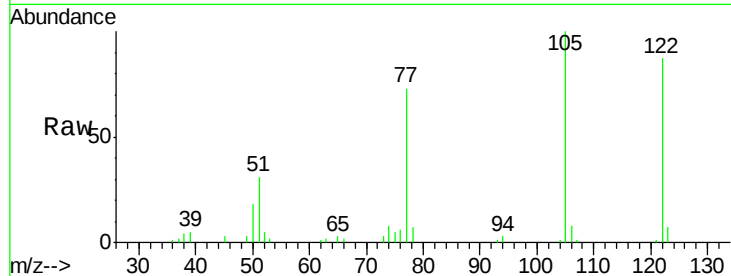
#32
Benzoic acid
Concen: 23.35 ng
RT: 7.76 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Lower	Upper
122	100		
105	115.2	101.6	141.6
77	84.6	70.6	110.6

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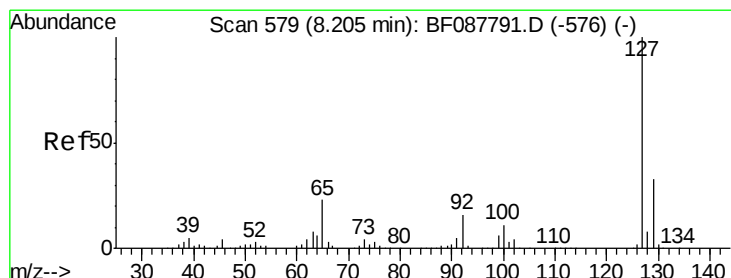
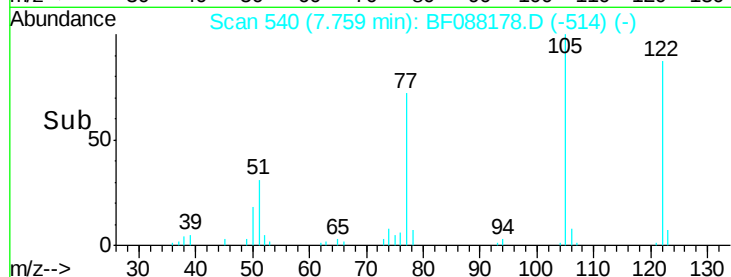
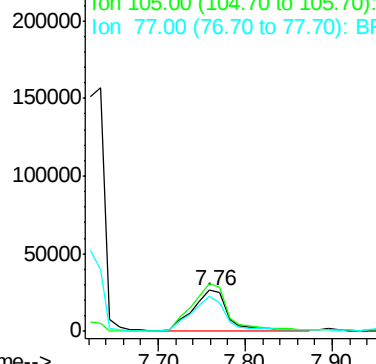


Abundance

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: 18.25 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	27.2	24.7	37.1
92	17.7	15.4	23.0

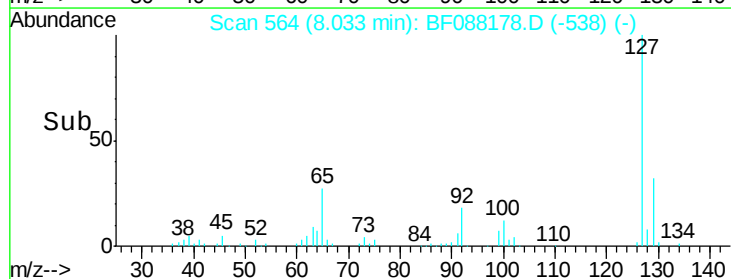
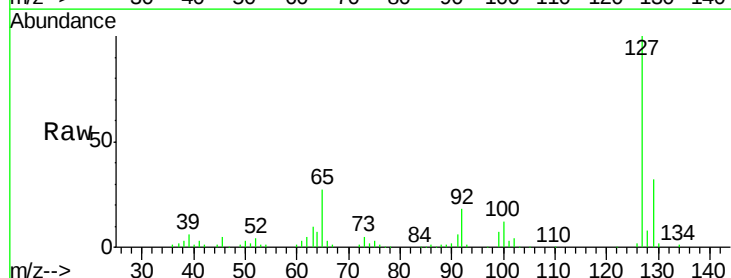
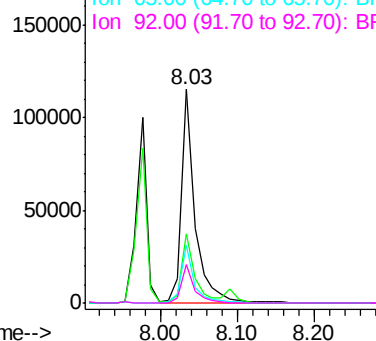
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#34

Hexachlorobutadiene

Concen: 40.37 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

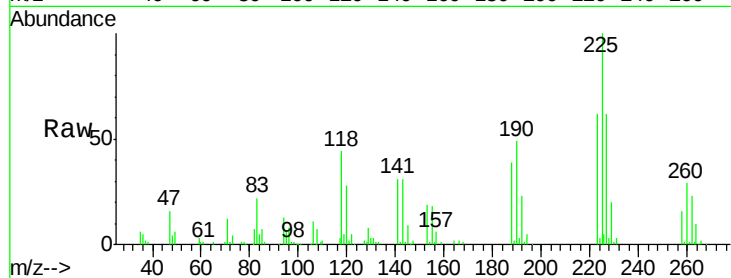
ClientSampleId :

PB91291BS

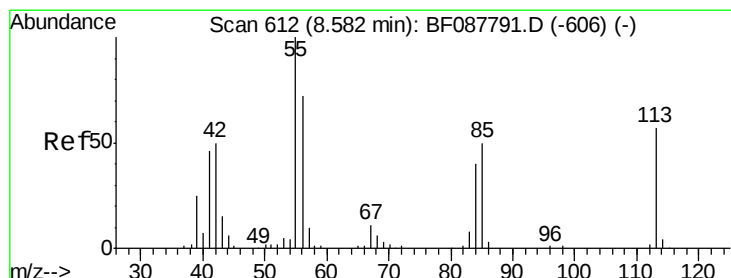
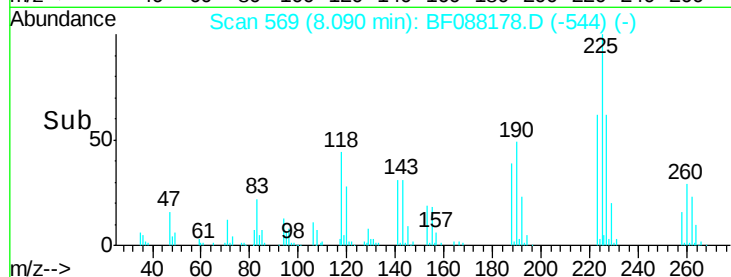
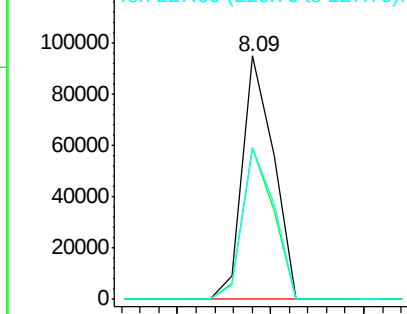
Tot Ion:	225	Resp:	110112
Ion Ratio		Lower	Upper
225	100		
223	62.3	50.9	76.3
227	62.4	51.9	77.9

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



#35

Caprolactam

Concen: 44.08 ng m

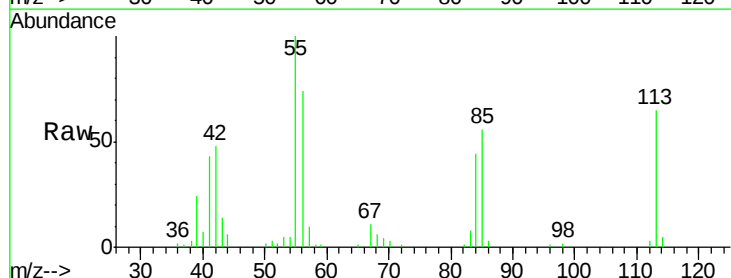
RT: 8.41 min Scan# 597

Delta R.T. -0.00 min

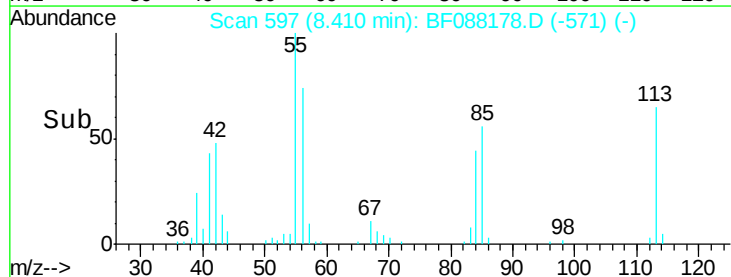
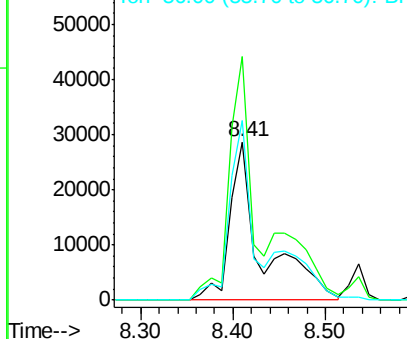
Lab File: BF088178.D

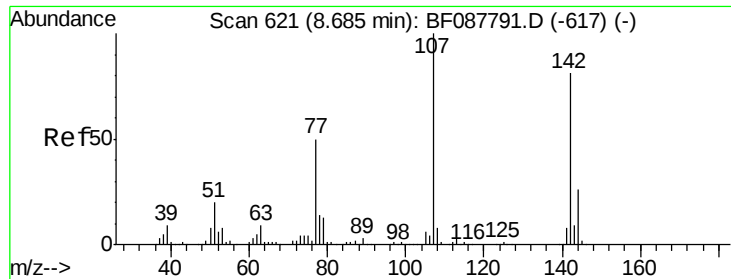
Acq: 20 Jun 2016 18:27

Tgt Ion:	113	Resp:	69336
Ion Ratio		Lower	Upper
113	100		
55	153.8	158.6	198.6#
56	113.7	110.6	150.6



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 45.76 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

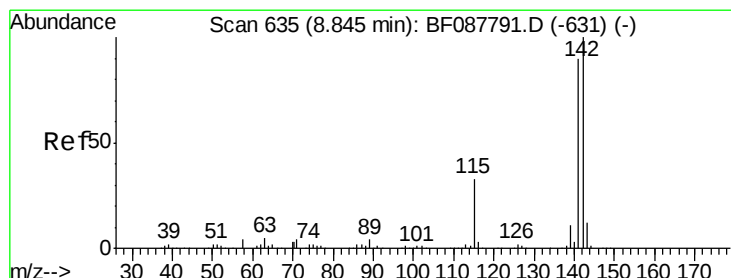
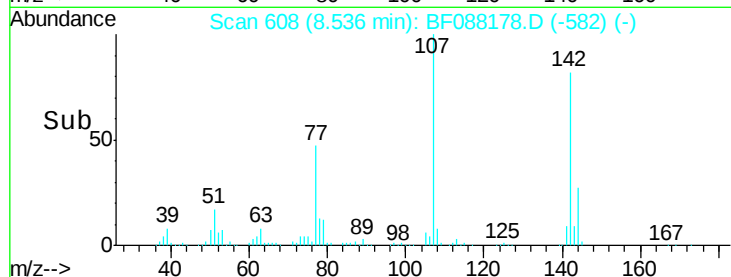
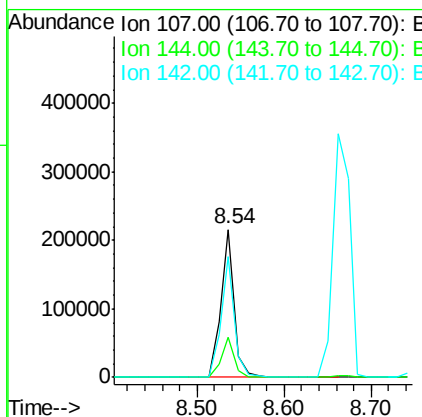
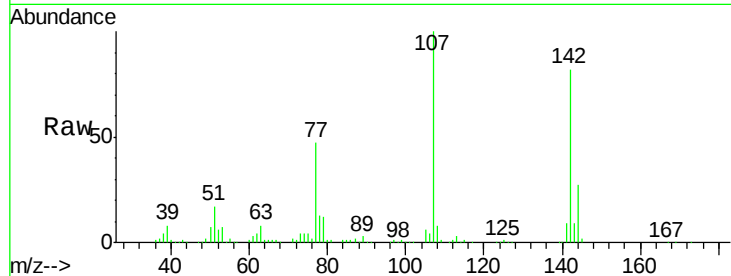
ClientSampleId :

PB91291BS

Tot Ion:	107	Resp:	232438
Ion Ratio	Lower	Upper	
107	100		
144	27.0	20.8	31.2
142	81.7	63.4	95.2

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#37

2-Methylnaphthalene

Concen: 42.52 ng

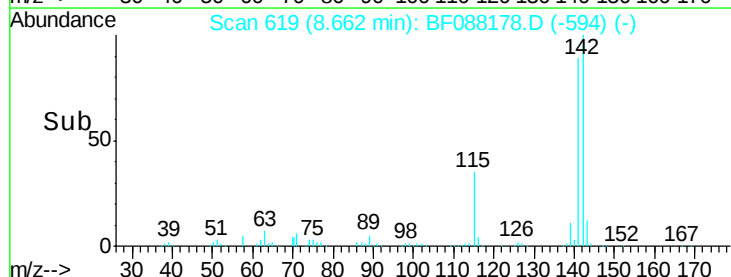
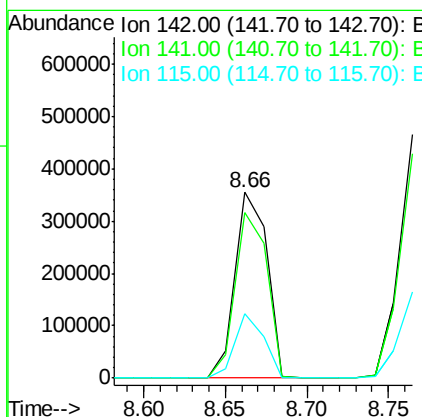
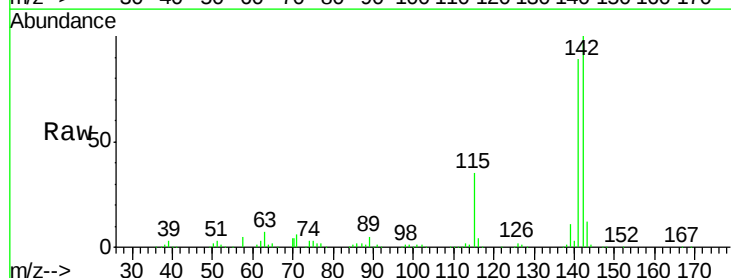
RT: 8.66 min Scan# 619

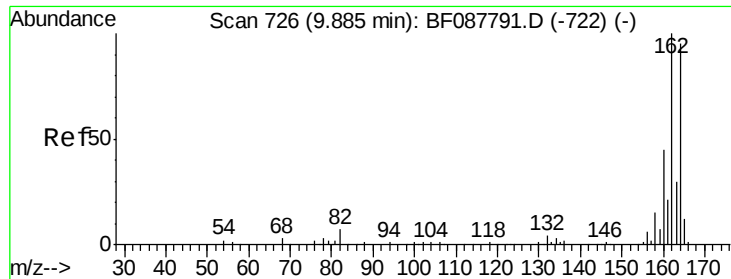
Delta R.T. -0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:	142	Resp:	482121
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.0	106.6
115	34.5	22.6	33.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

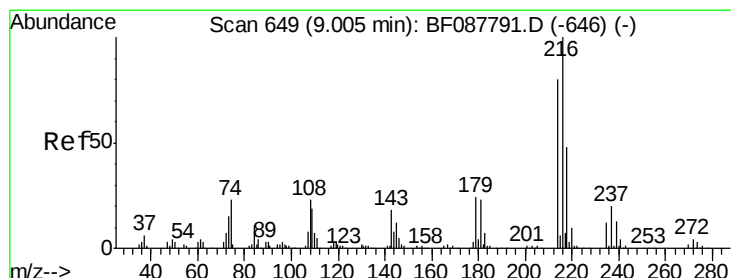
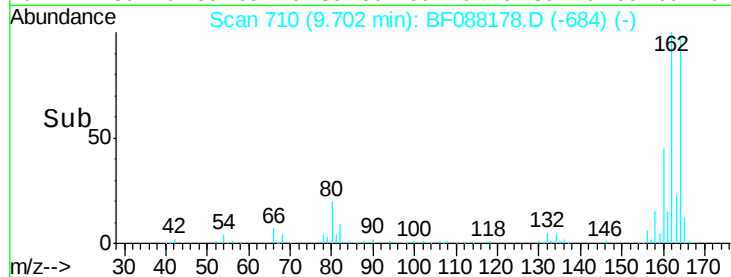
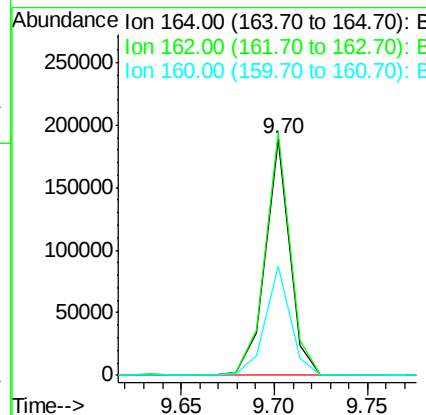
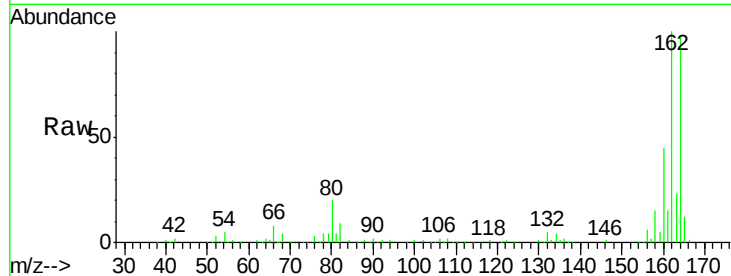
ClientSampled :

PB91291BS

Tot Ion:	164	Resp:	170147
Ion Ratio	Lower	Upper	
164	100		
162	103.1	85.4	128.2
160	46.1	39.5	59.3

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.59 ng

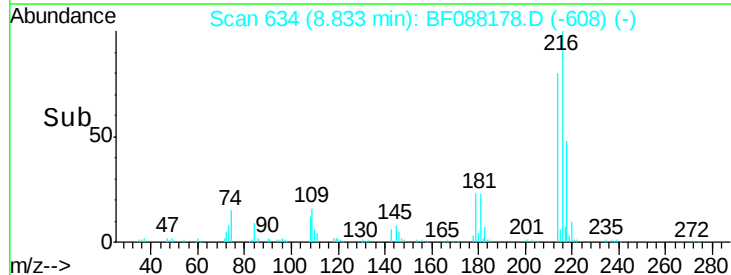
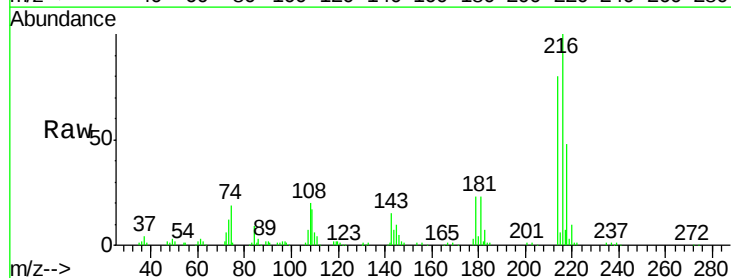
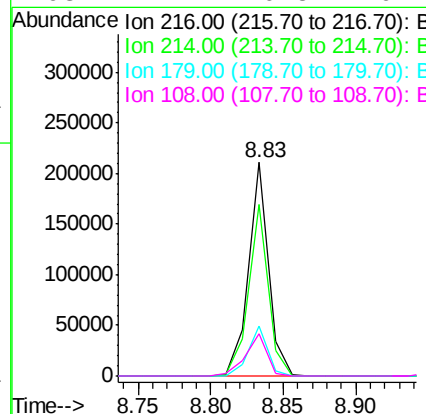
RT: 8.83 min Scan# 634

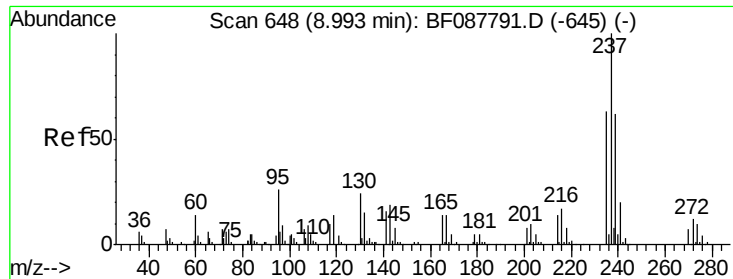
Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:	216	Resp:	200988
Ion Ratio	Lower	Upper	
216	100		
214	79.4	2.9	4.3#
179	22.7	0.0	0.0#
108	22.1	0.5	0.7#





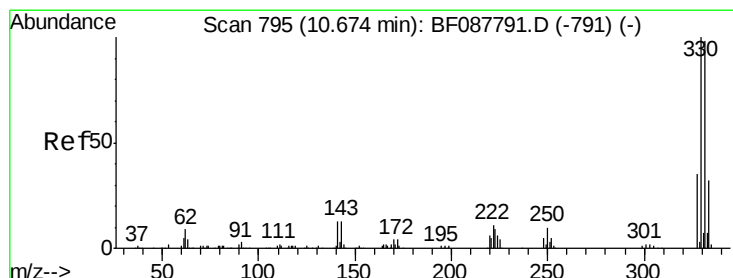
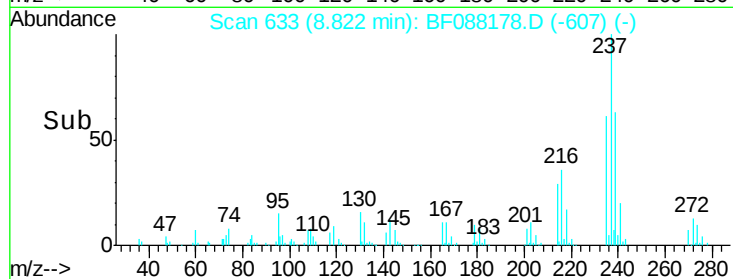
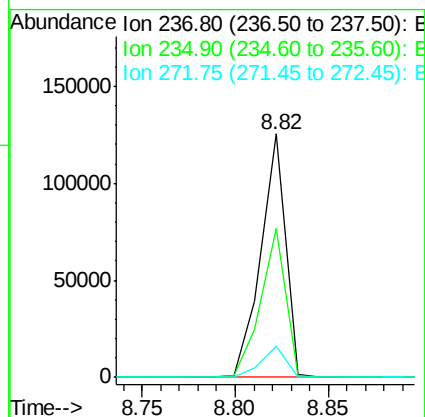
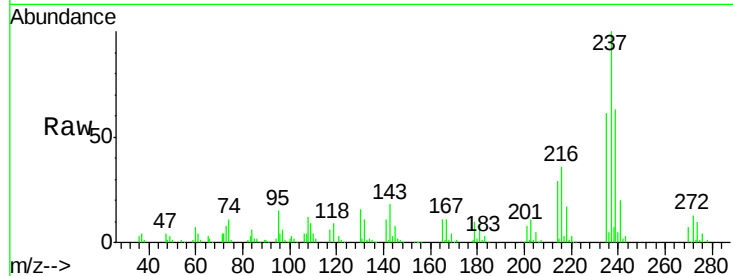
#40
Hexachlorocyclopentadiene
Concen: 41.83 ng
RT: 8.82 min Scan# 633
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	43.4	83.4
272	12.9	0.0	32.3

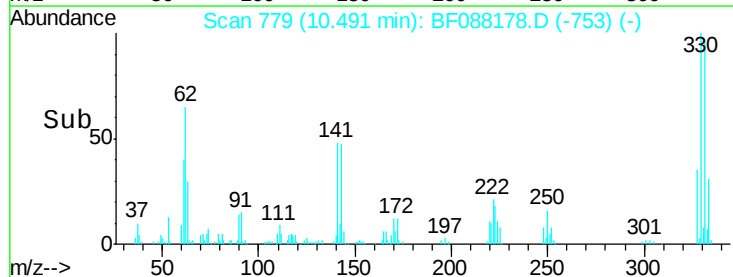
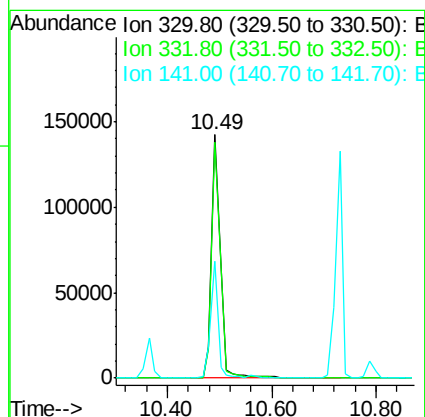
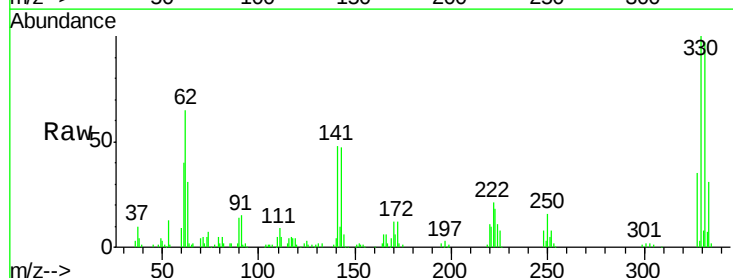
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#41
2,4,6-Tribromophenol
Concen: 93.20 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	39.9	0.0	0.0#





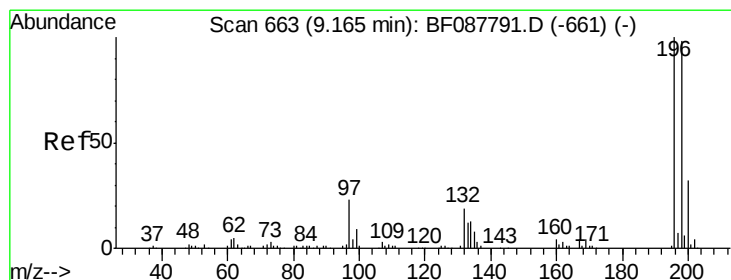
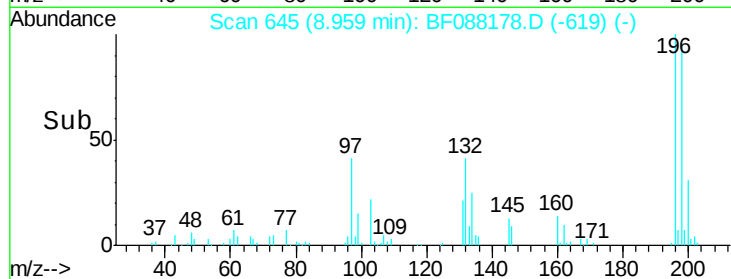
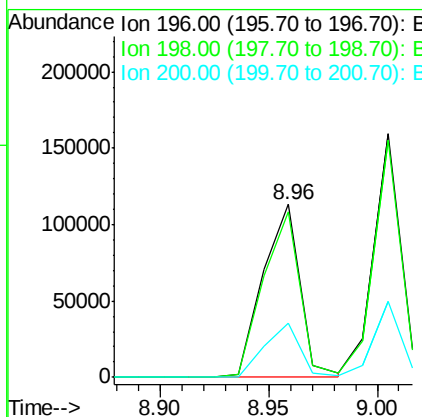
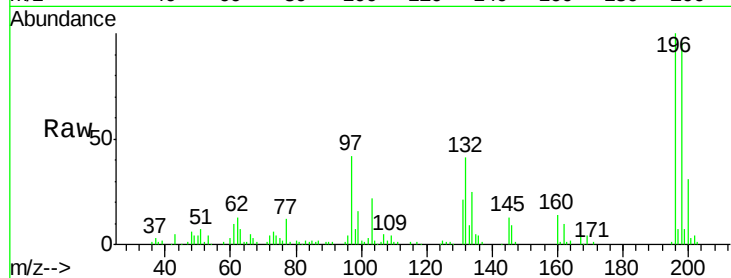
#42
 2,4,6-Trichlorophenol
 Concen: 39.51 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	134440		
198	95.9	78.0	117.0	
200	31.4	25.4	38.2	

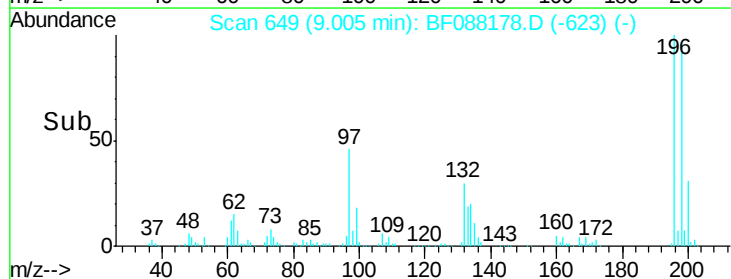
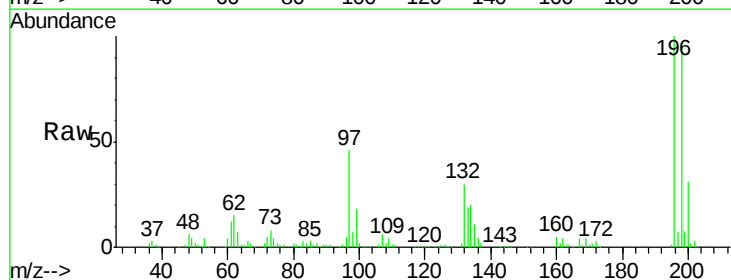
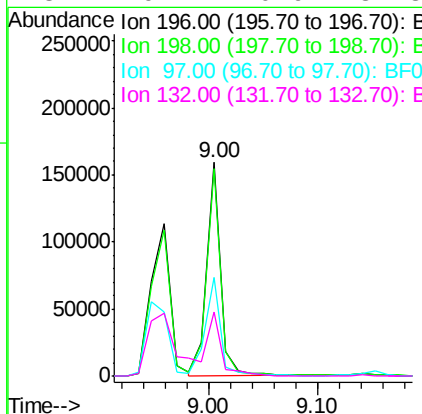
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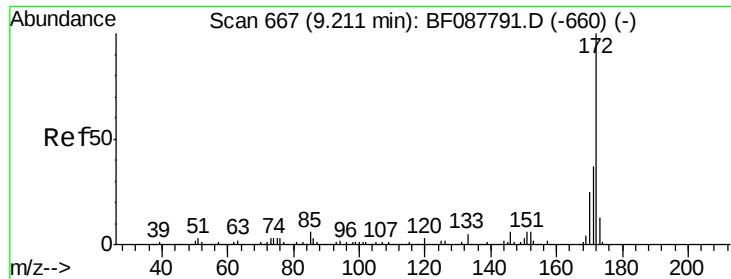
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#43
 2,4,5-Trichlorophenol
 Concen: 40.95 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	144963		
198	97.3	77.5	116.3	
97	46.3	32.0	48.0	
132	29.7	20.9	31.3	





#44

2-Fluorobiphenyl

Concen: 85.15 ng

RT: 9.03 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

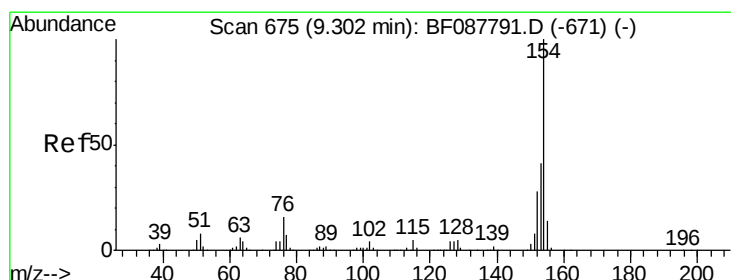
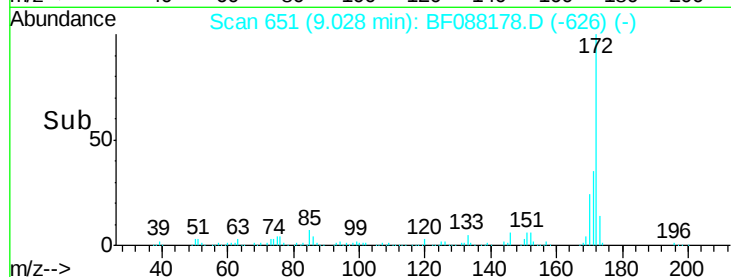
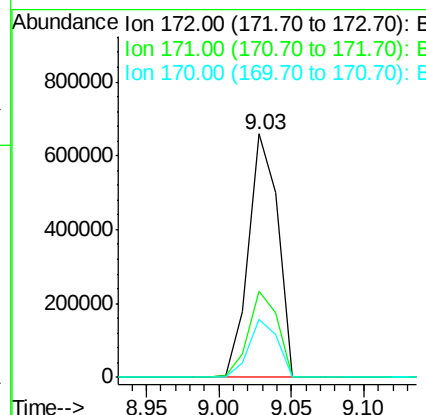
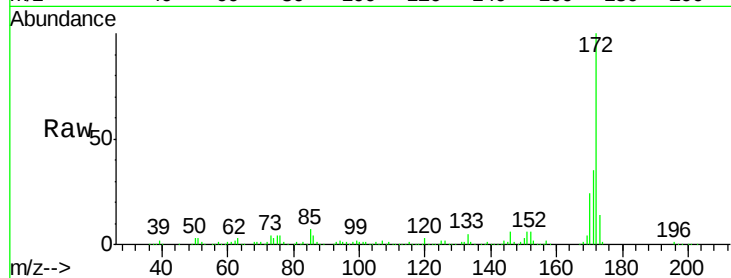
ClientSampleId :

PB91291BS

Tot Ion:	172	Resp:	922128
Ion Ratio	Lower	Upper	
172	100		
171	35.4	28.6	43.0
170	23.8	19.2	28.8

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#45

1,1'-Biphenyl

Concen: 45.25 ng

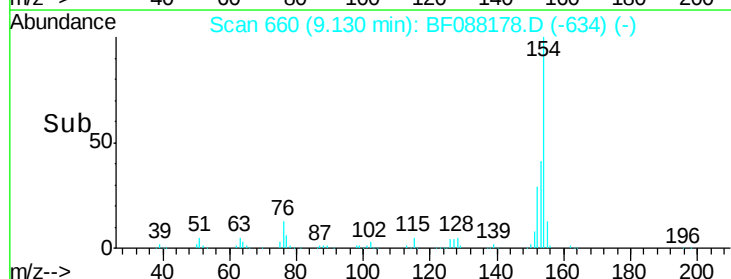
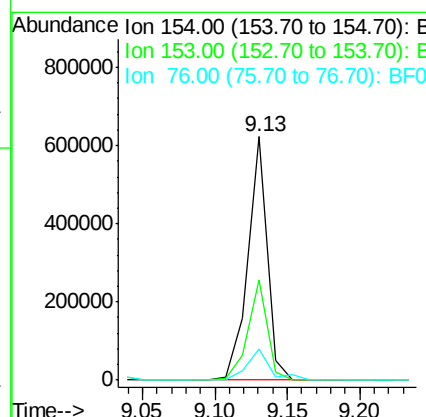
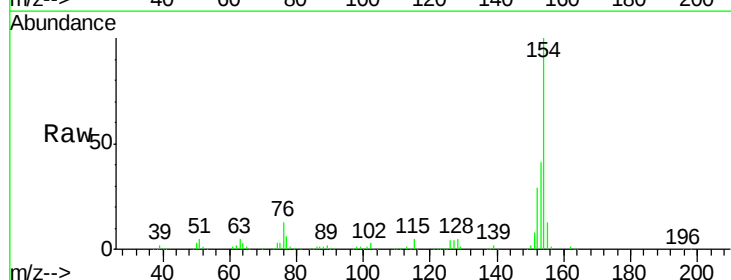
RT: 9.13 min Scan# 660

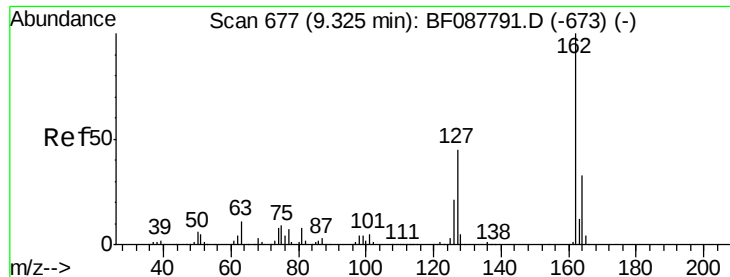
Delta R.T. -0.00 min

Lab File: BF088178.D

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Tgt Ion:	154	Resp:	577442
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.6	60.6
76	12.9	0.0	35.1





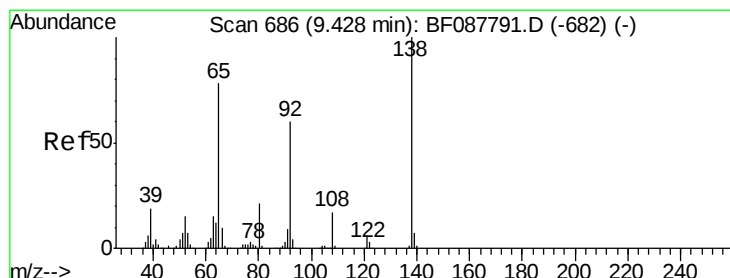
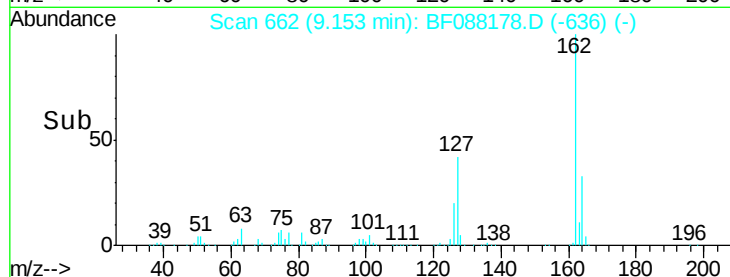
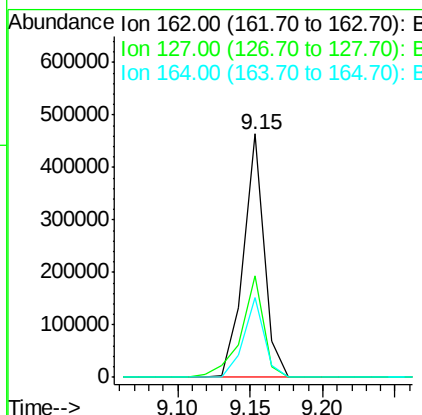
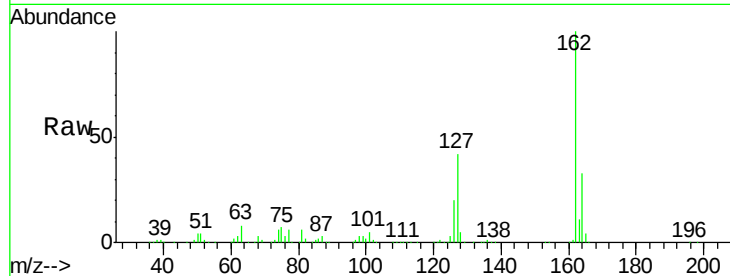
#46
2-Chloronaphthalene
Concen: 41.84 ng
RT: 9.15 min Scan# 662
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	460702		
127	41.7		35.2	52.8
164	32.9		26.6	39.8

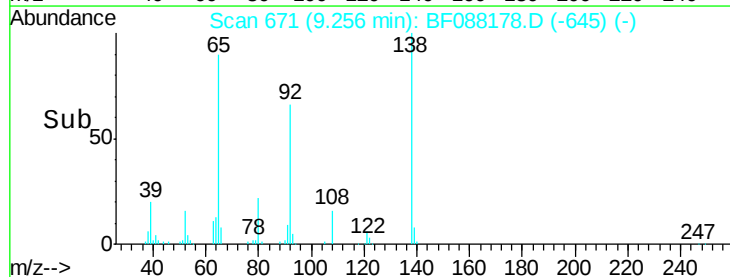
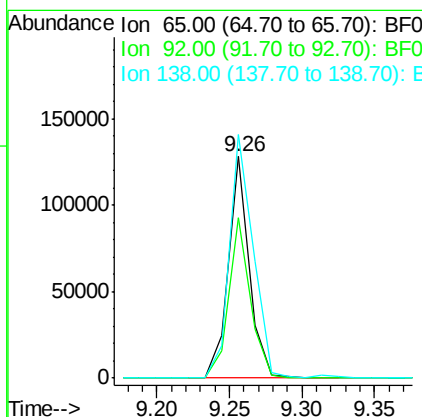
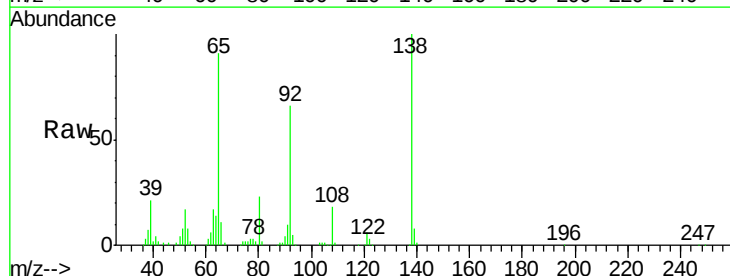
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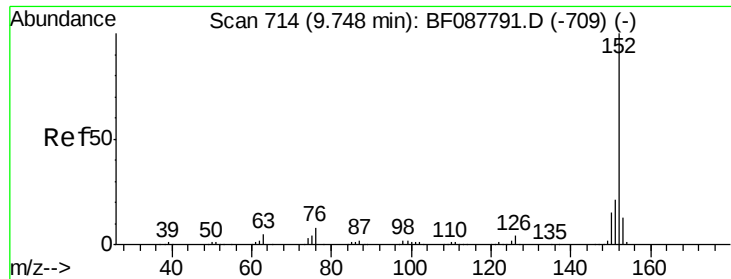
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#47
2-Nitroaniline
Concen: 39.48 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	128232		
92	72.5		54.6	82.0
138	109.8		77.0	115.4





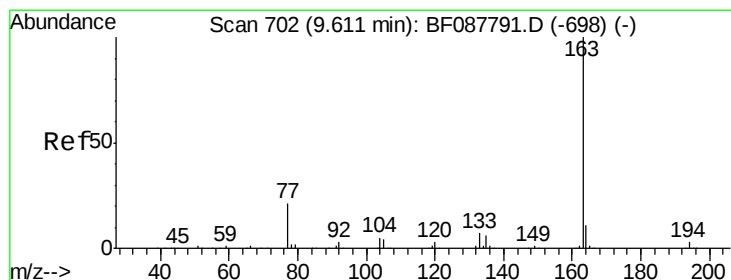
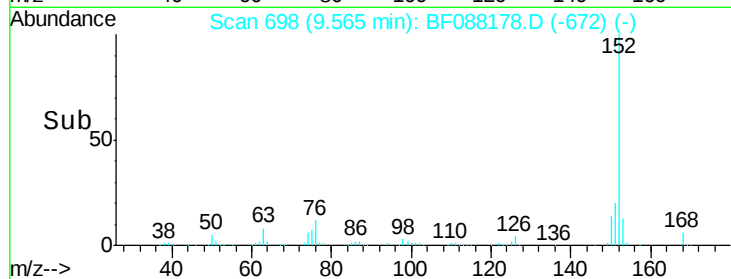
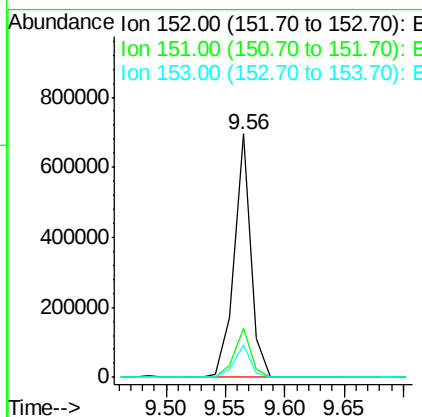
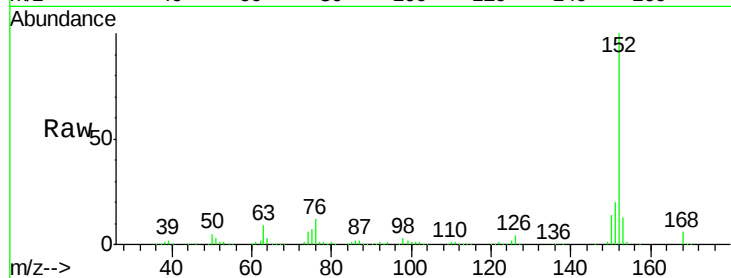
#48
Acenaphthylene
Concen: 38.76 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.4	11.0	16.6

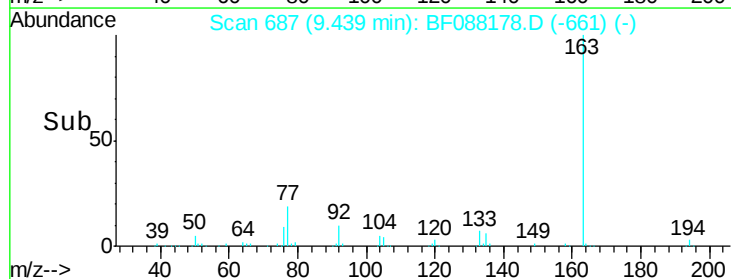
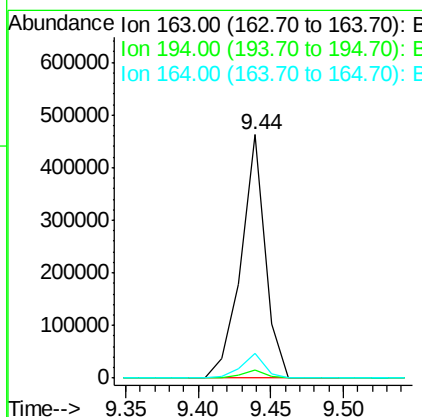
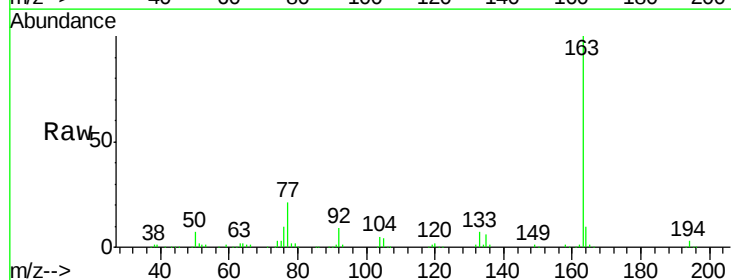
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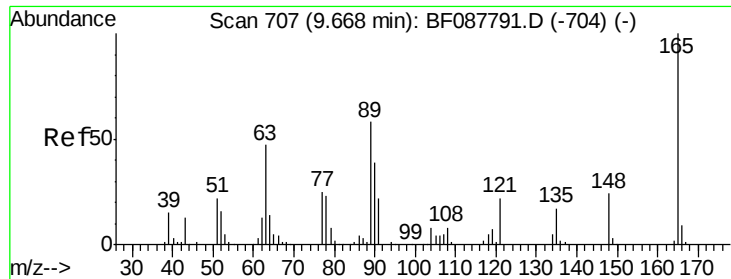
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#49
Dimethylphthalate
Concen: 43.60 ng
RT: 9.44 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.8	4.2
164	10.4	8.3	12.5





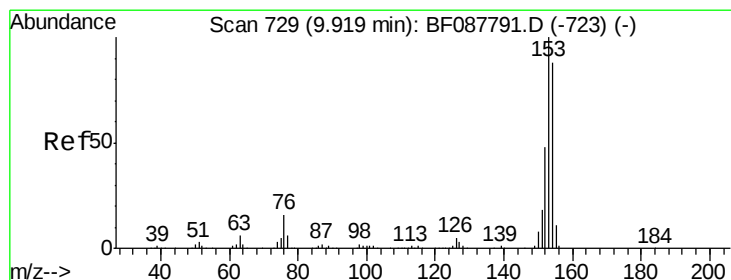
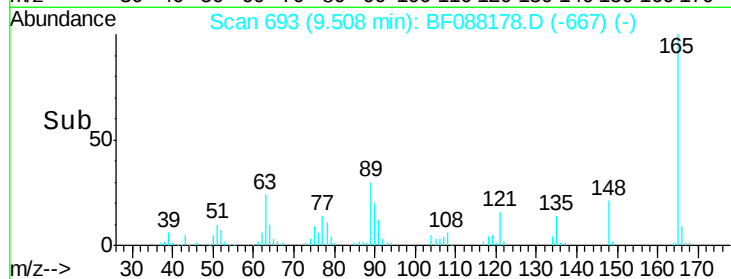
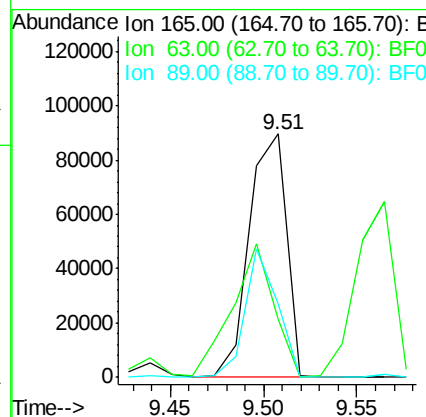
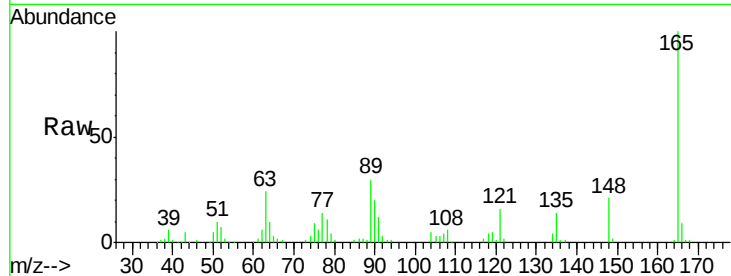
#50
 2,6-Dinitrotoluene
 Concen: 43.92 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	23.6	28.1	42.1#
89	30.3	32.2	48.2#

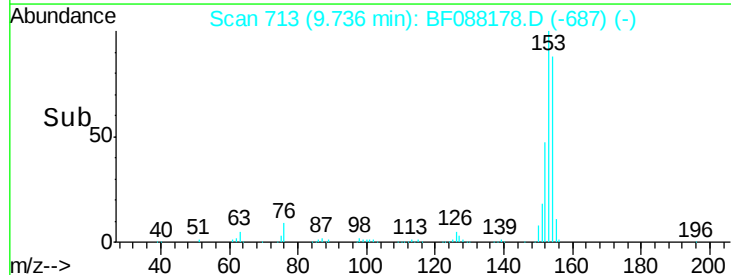
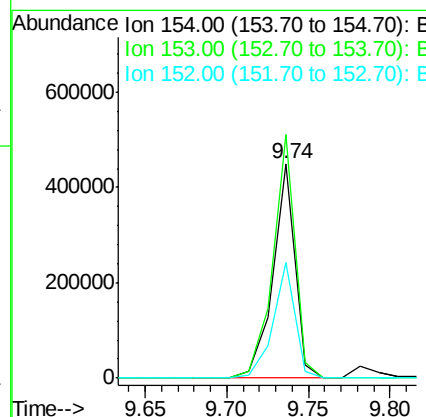
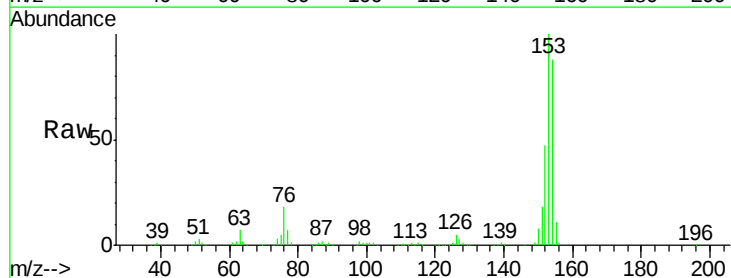
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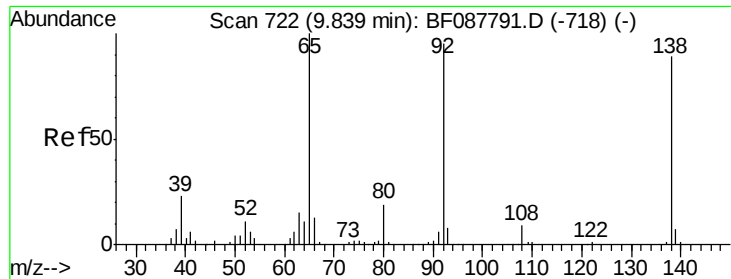
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#51
 Acenaphthene
 Concen: 38.92 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	113.4	89.5	134.3
152	53.7	42.7	64.1





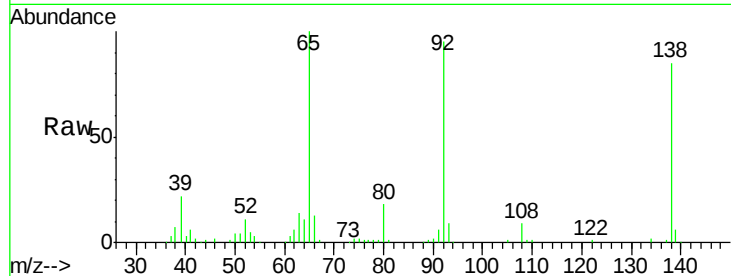
#52
 3-Nitroaniline
 Concen: 23.80 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

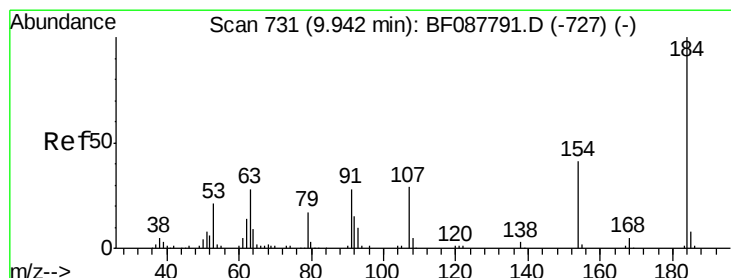
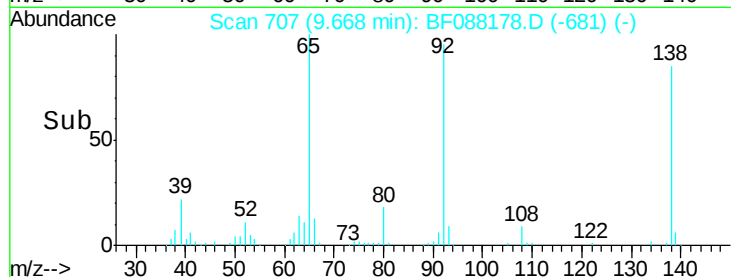
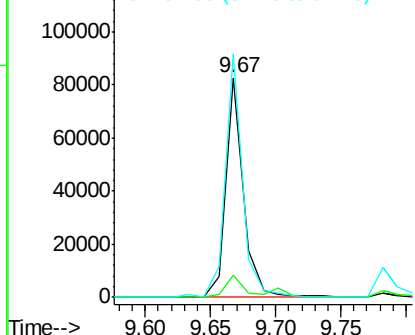
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.4	8.5	12.7
92	110.9	95.7	143.5

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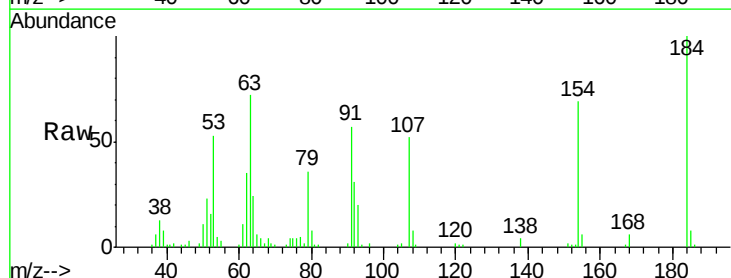


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

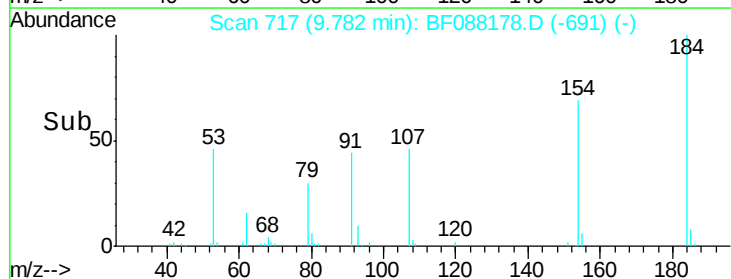
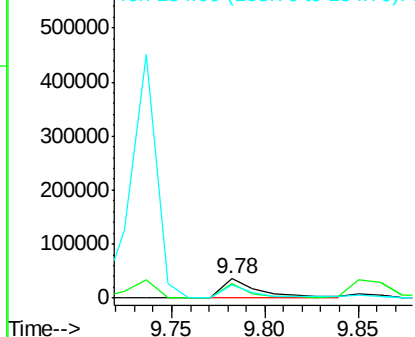


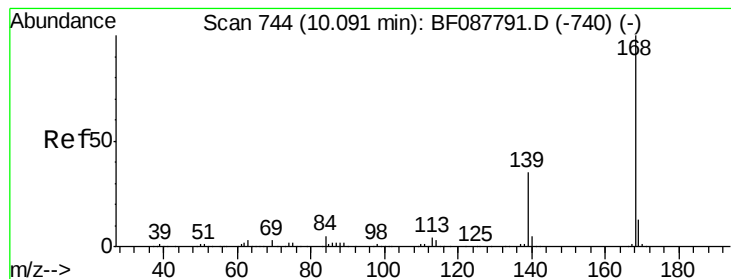
#53
 2,4-Dinitrophenol
 Concen: 37.96 ng
 RT: 9.78 min Scan# 717
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.0	57.6	86.4
154	68.8	53.5	80.3



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 38.40 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

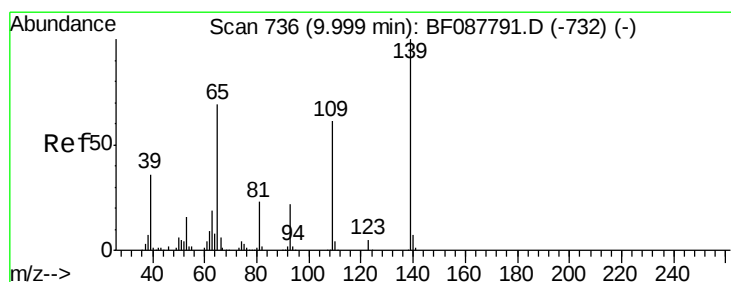
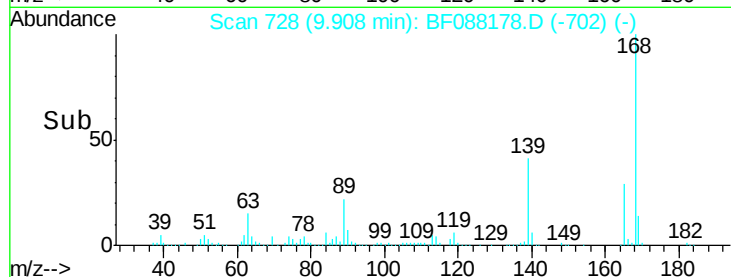
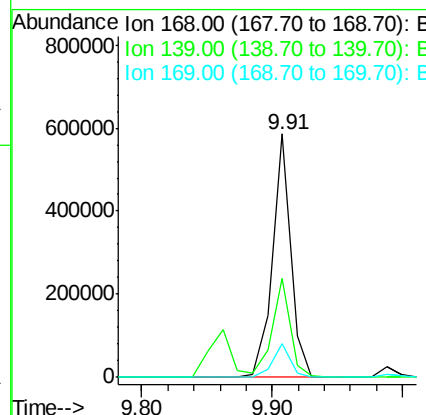
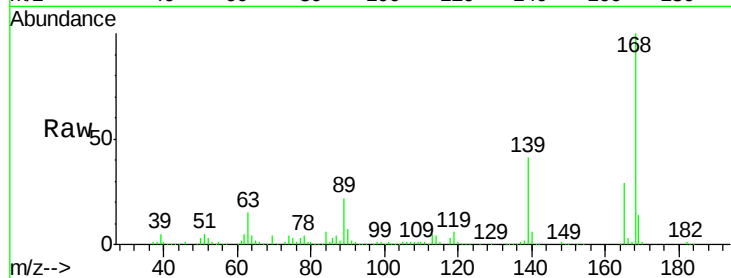
ClientSampleId :

PB91291BS

Tot Ion:	168	Resp:	577701
Ion Ratio	Lower	Upper	
168	100		
139	40.5	26.4	39.6#
169	13.7	10.4	15.6

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#55

4-Nitrophenol

Concen: 56.04 ng

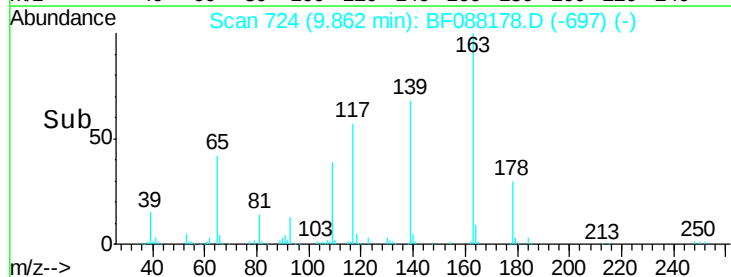
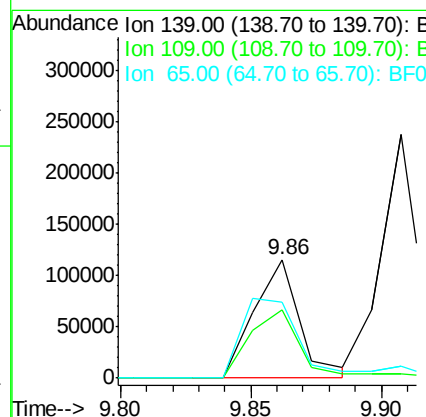
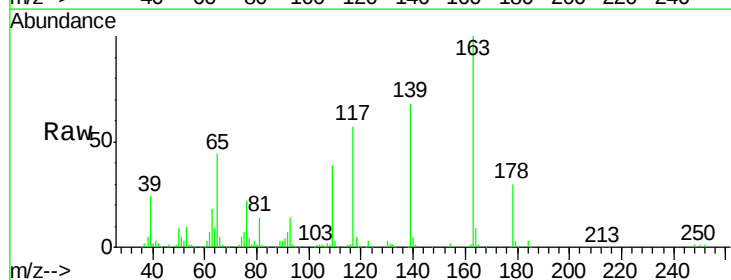
RT: 9.86 min Scan# 724

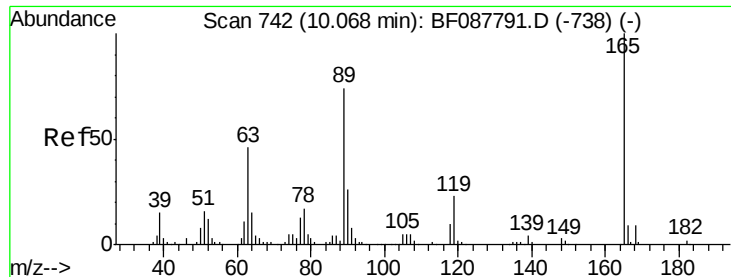
Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:	139	Resp:	141668
Ion Ratio	Lower	Upper	
139	100		
109	57.9	48.9	88.9
65	63.8	84.9	124.9#





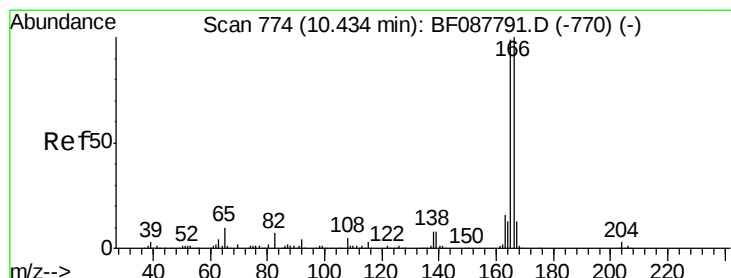
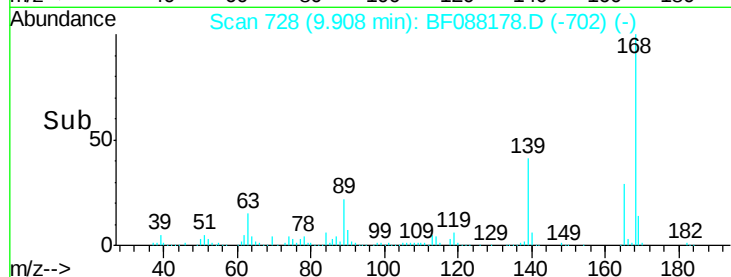
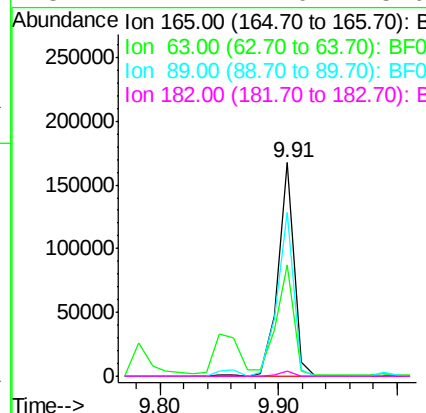
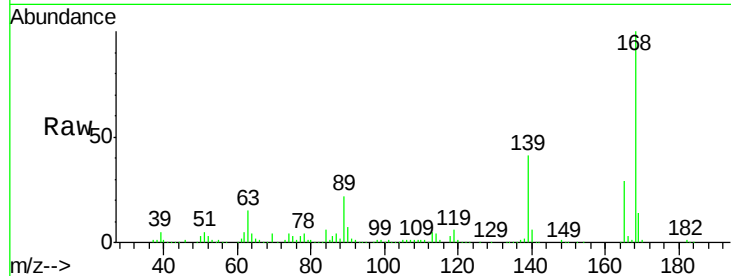
#56
2,4-Dinitrotoluene
Concen: 43.70 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100				
63	52.4	22.0	33.0#		
89	76.5	41.1	61.7#		
182	2.4	2.0	3.0		

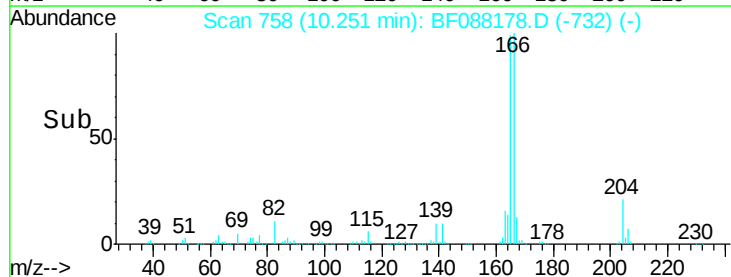
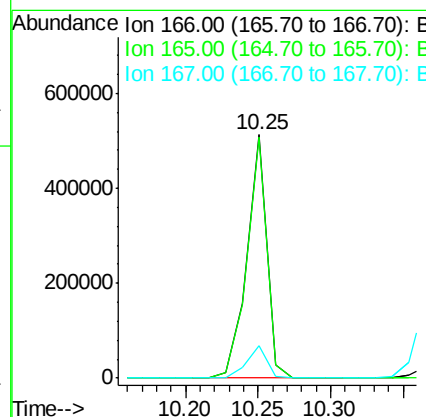
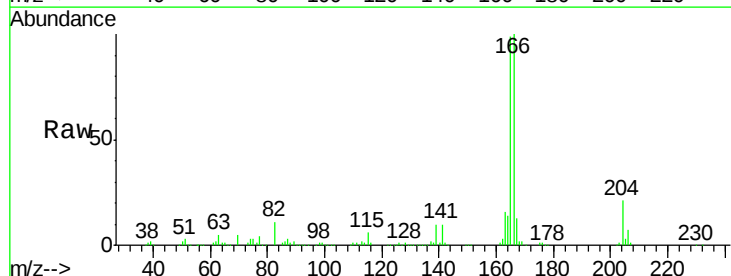
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#57
Fluorene
Concen: 48.41 ng
RT: 10.25 min Scan# 758
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	99.0	77.8	116.8		
167	13.4	11.2	16.8		





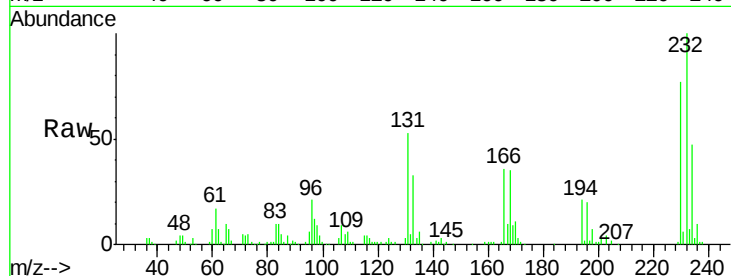
#58
2,3,4,6-Tetrachlorophenol
Concen: 41.50 ng
RT: 10.03 min Scan# 739
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

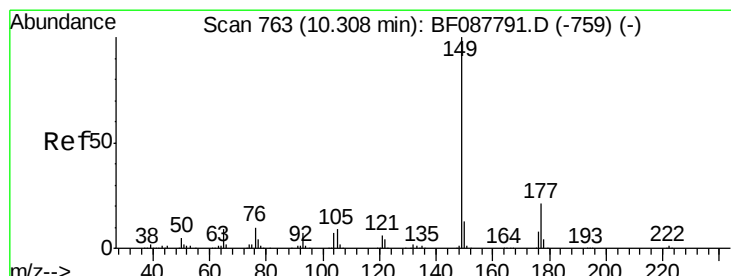
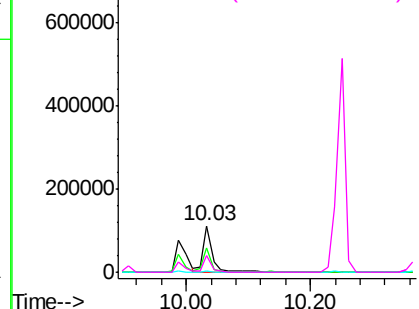
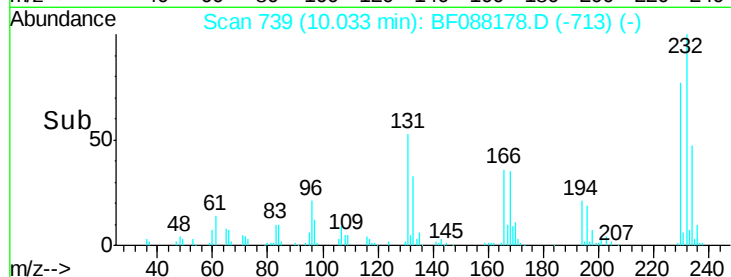
Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	48.3	0.9	1.3#
130	2.2	1.5	2.3
166	31.3	0.5	0.7#

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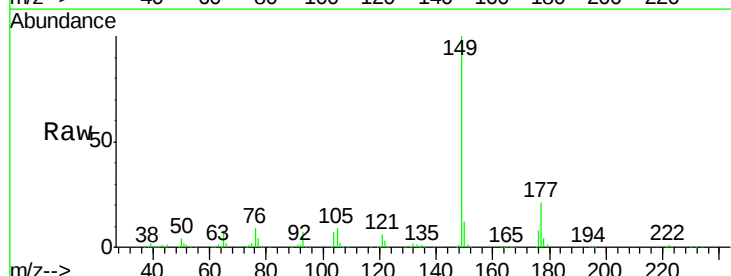


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

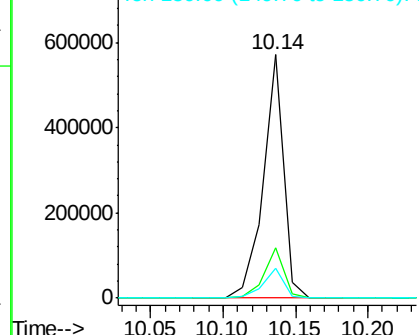
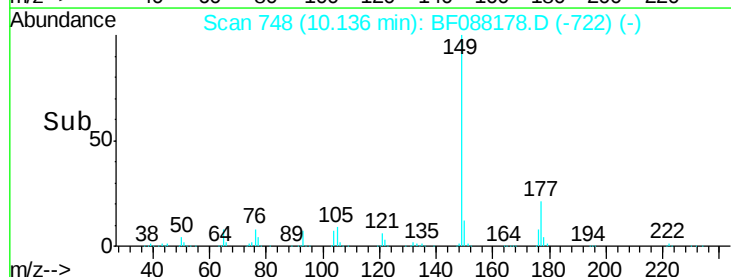


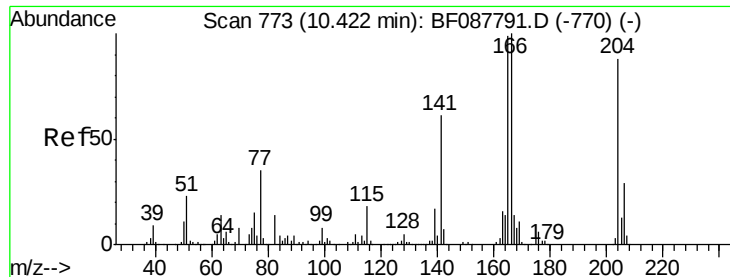
#59
Diethylphthalate
Concen: 44.37 ng
RT: 10.14 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.6	16.9	25.3
150	12.5	10.1	15.1



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





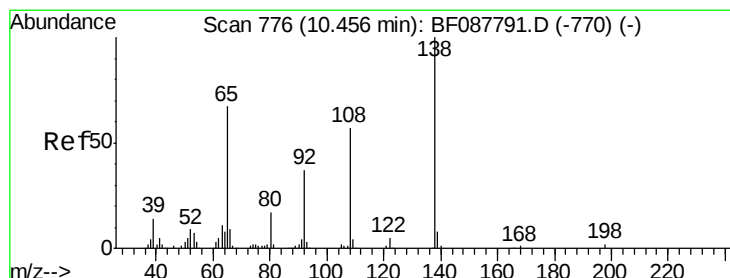
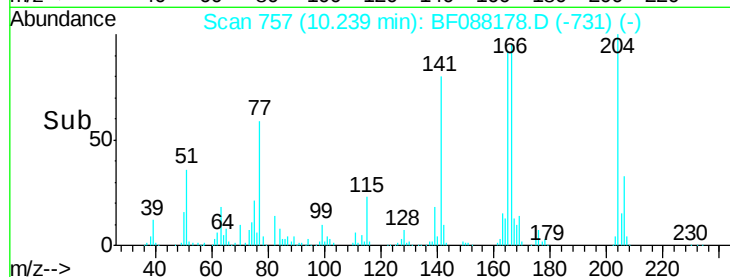
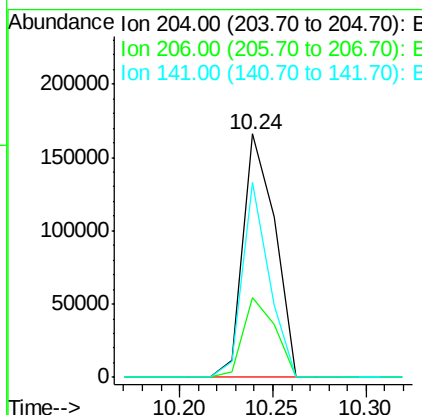
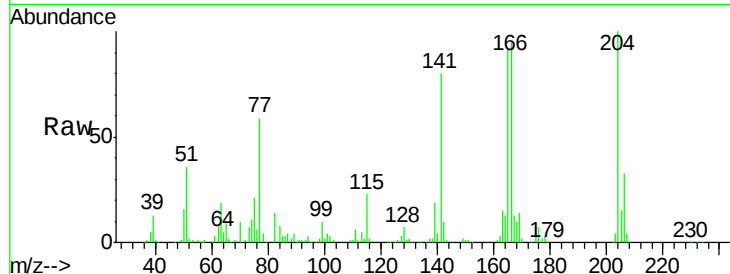
#60
4-Chlorophenyl-phenylether
Concen: 39.47 ng
RT: 10.24 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.3	39.5
141	80.3	55.0	82.6

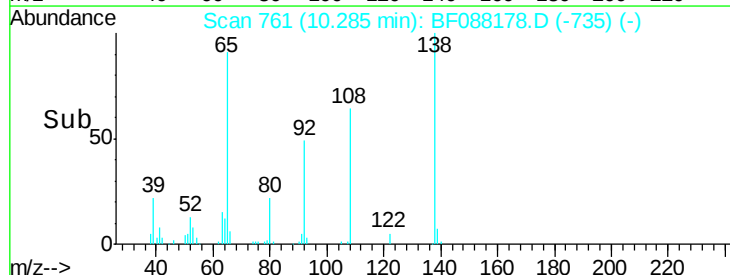
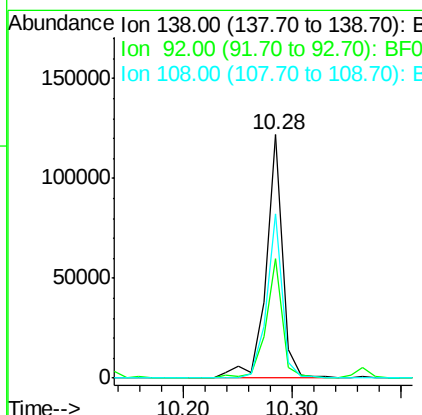
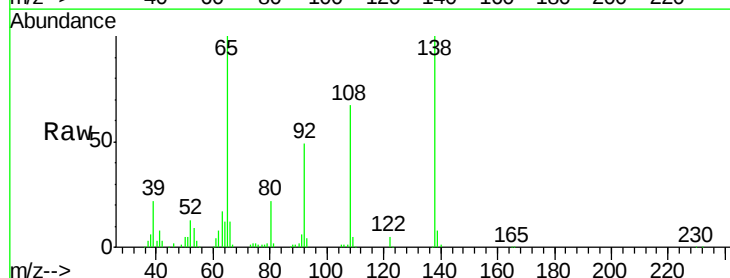
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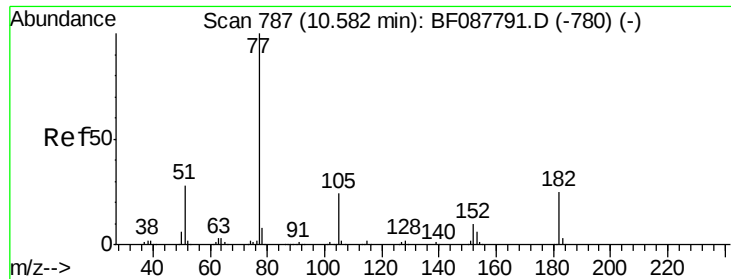
sohil
6/21/2016 4:22:04 PM



#61
4-Nitroaniline
Concen: 42.24 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	27.3	67.3
108	67.6	46.7	86.7





#62

Azobenzene

Concen: 41.57 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

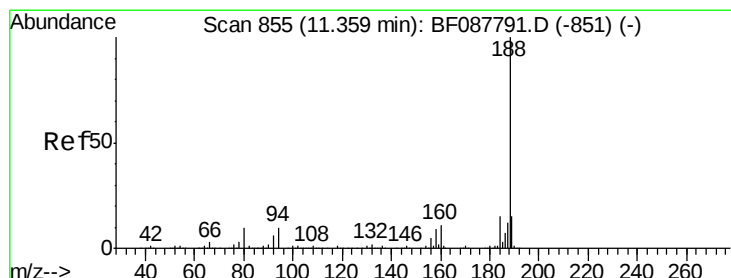
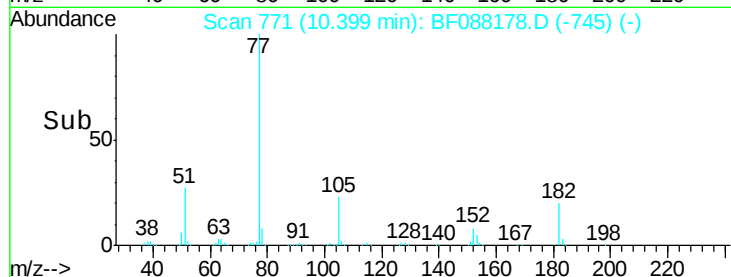
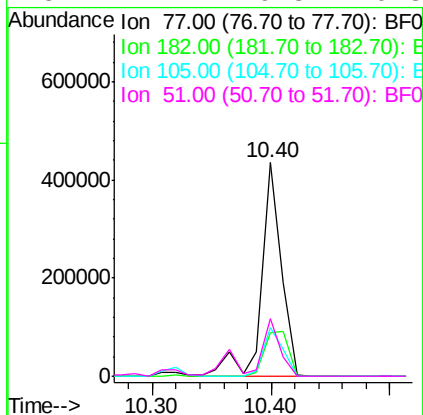
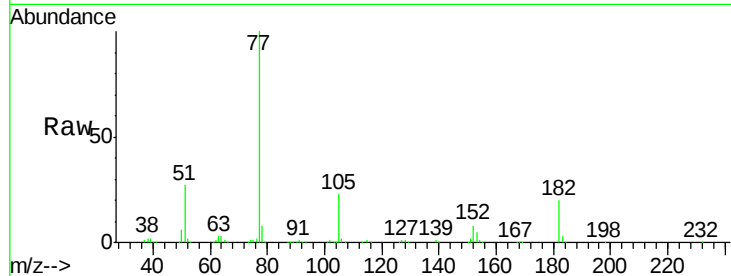
ClientSampleId :

PB91291BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		512814		
182	20.3	4.4	44.4		
105	23.1	3.8	43.8		
51	27.1	9.3	49.3		

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#63

Phenanthrene-d10

Concen: 20.00 ng

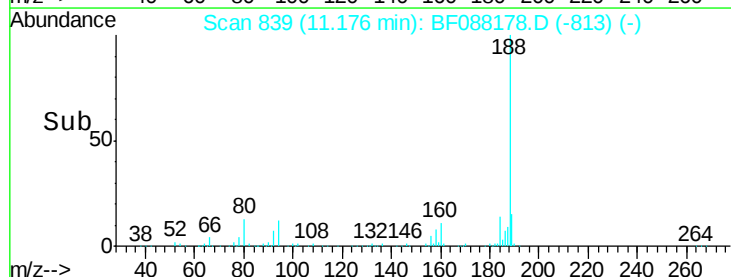
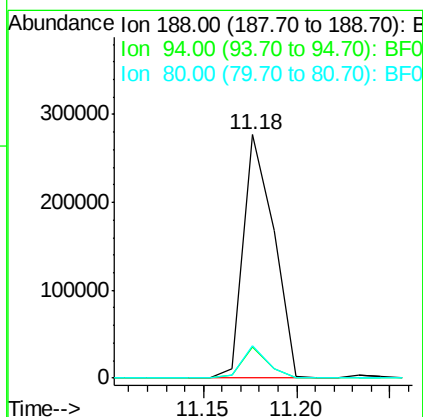
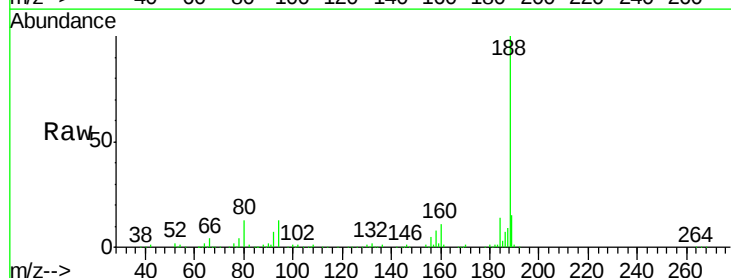
RT: 11.18 min Scan# 839

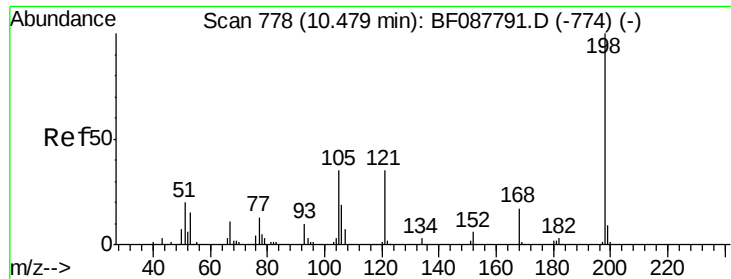
Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		314552		
94	12.6	9.0	13.6		
80	13.2	10.0	15.0		





#64

4,6-Dinitro-2-methylphenol

Concen: 28.51 ng

RT: 10.32 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

Tot Ion:198 Resp: 54180

Ion Ratio Lower Upper

198 100

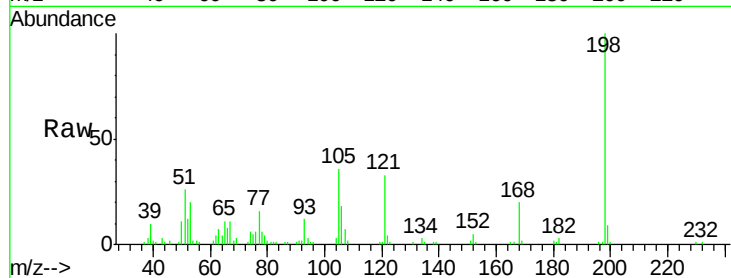
51 25.7 39.6 79.6#

105 35.6 36.6 76.6#

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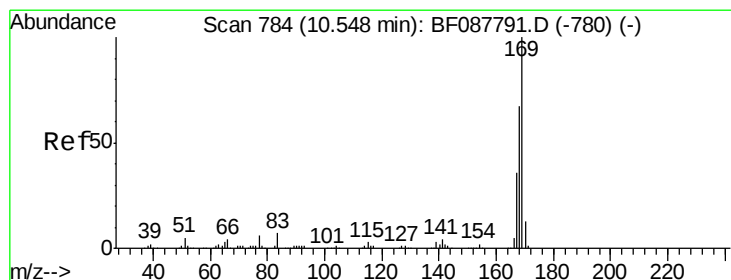
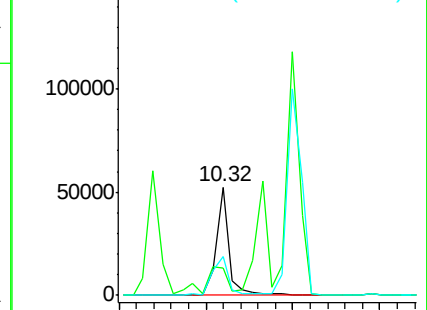
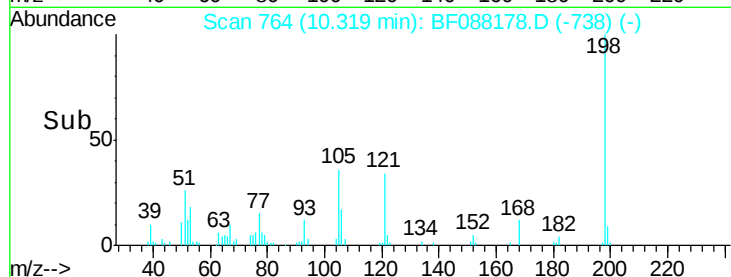
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 41.34 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

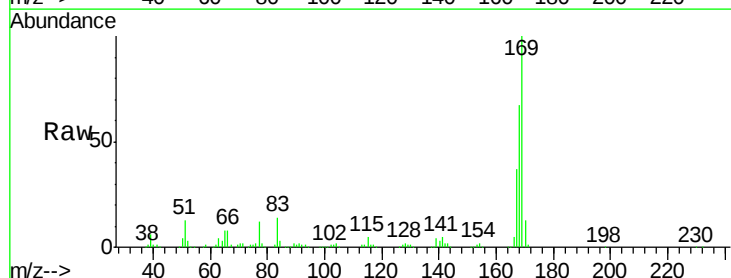
Tgt Ion:169 Resp: 431486

Ion Ratio Lower Upper

169 100

168 67.2 53.4 80.0

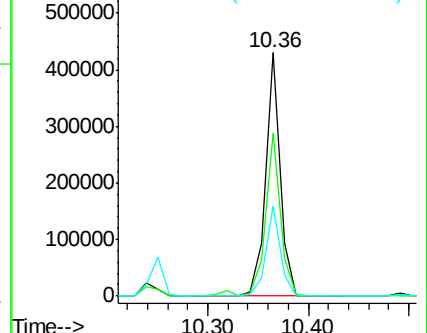
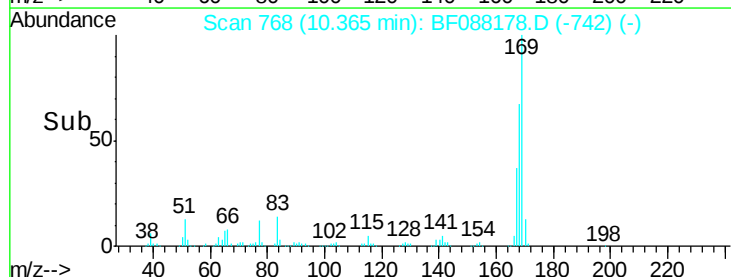
167 36.9 29.4 44.0



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





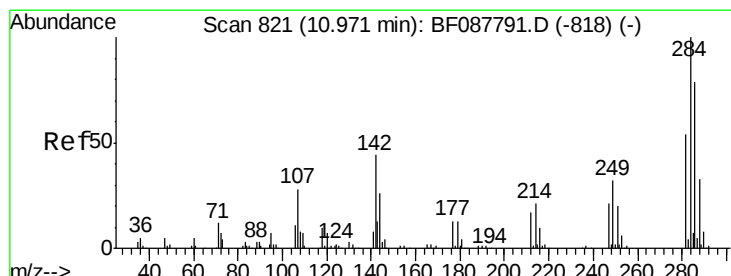
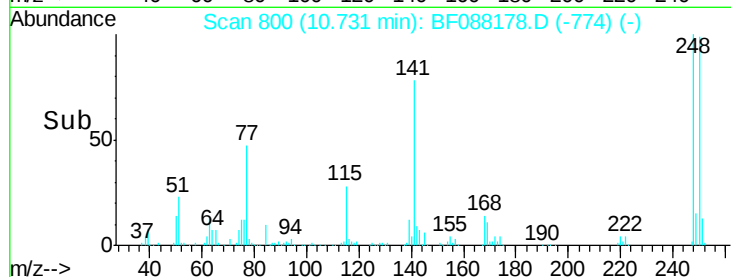
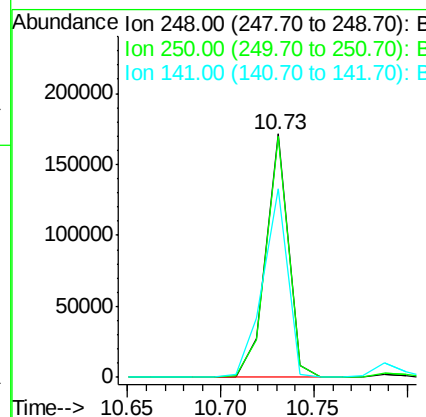
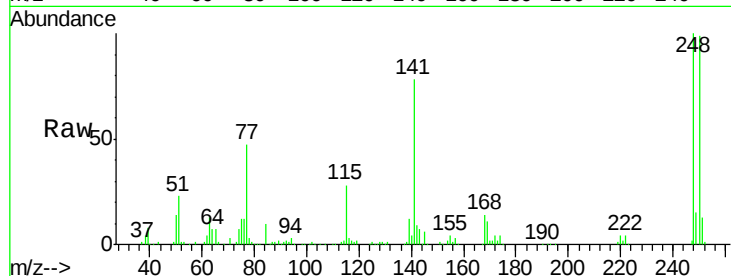
#66
 4-Bromophenyl-phenylether
 Concen: 42.34 ng
 RT: 10.73 min Scan# 800
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	77.1	115.7
141	77.6	50.6	76.0

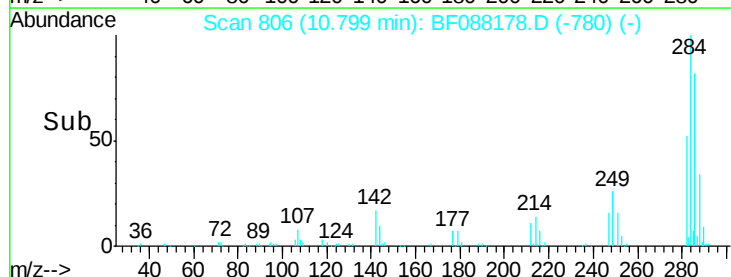
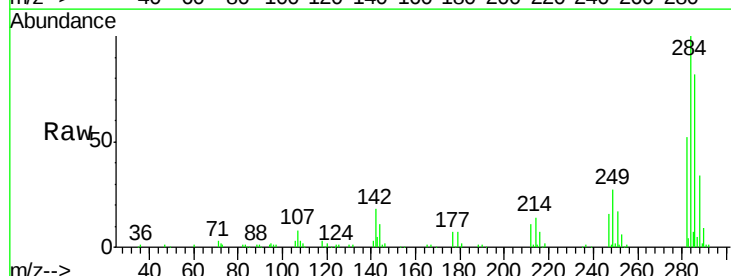
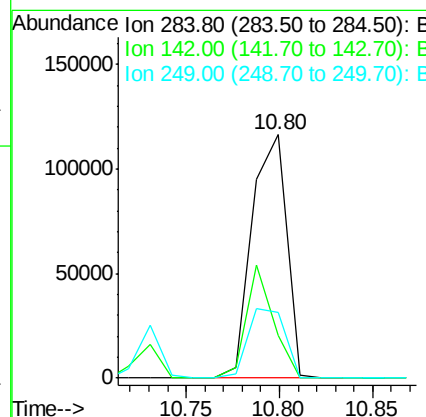
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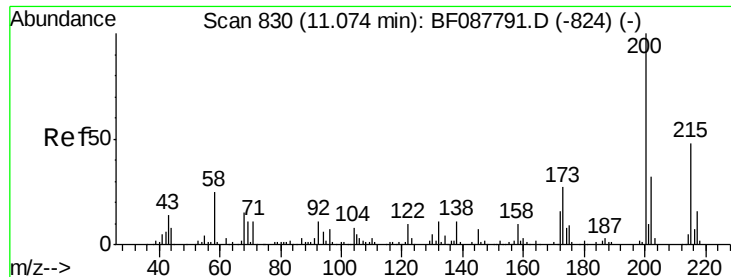
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#67
 Hexachlorobenzene
 Concen: 42.63 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.8	35.8	53.8
249	27.1	25.8	38.6





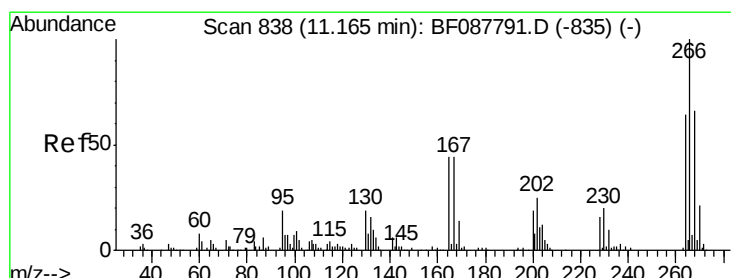
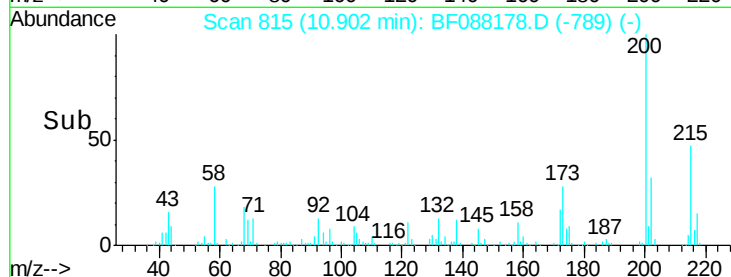
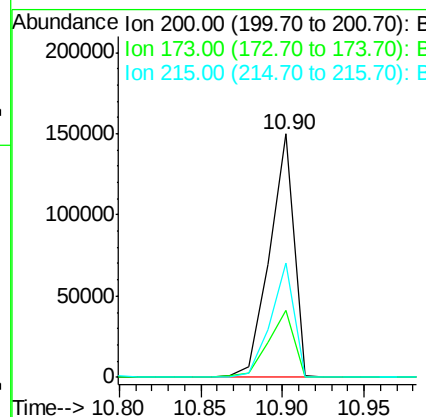
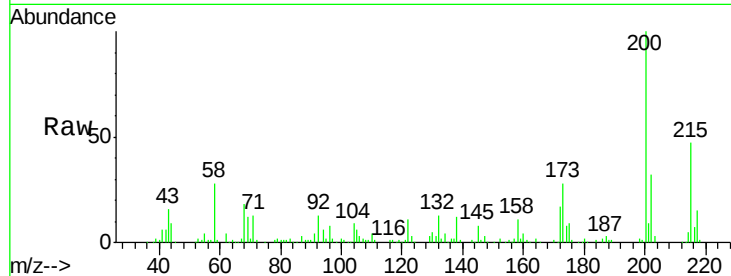
#68
Atrazine
Concen: 49.51 ng
RT: 10.90 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.7	4.0	44.0
215	47.1	29.3	69.3

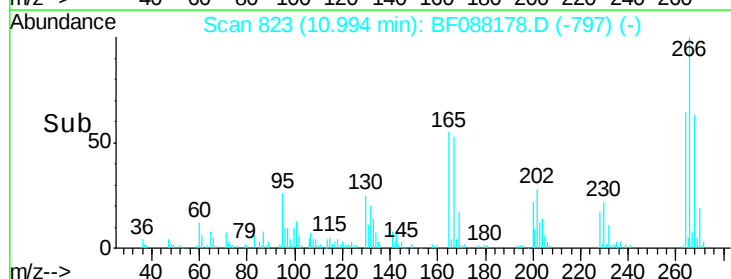
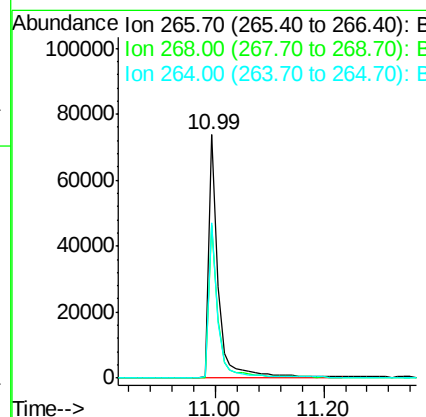
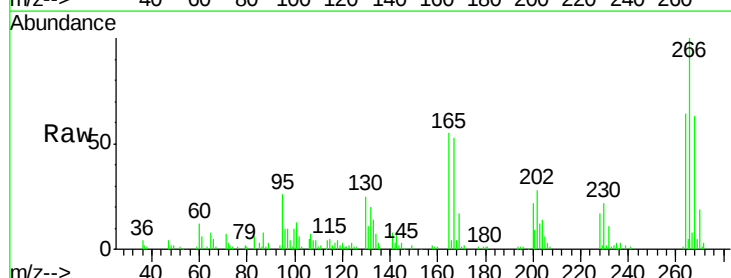
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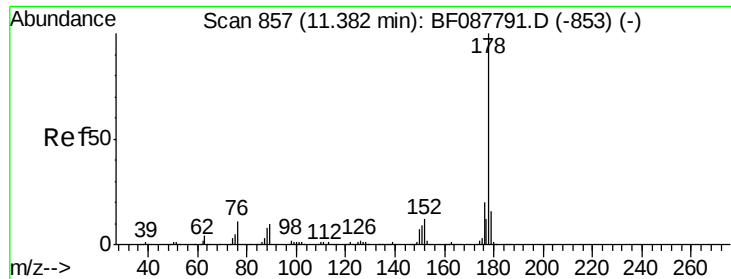
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#69
Pentachlorophenol
Concen: 49.32 ng
RT: 10.99 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.6	52.8	79.2
264	64.0	49.6	74.4





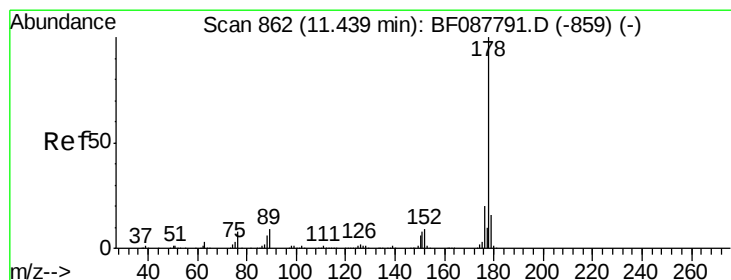
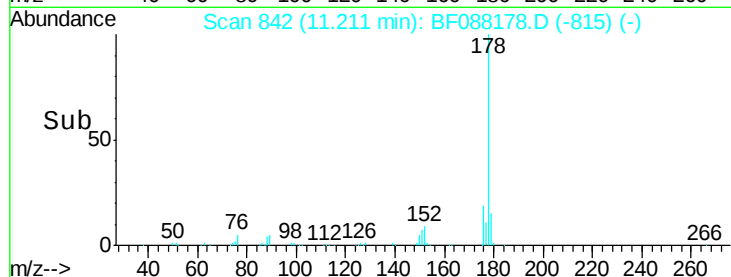
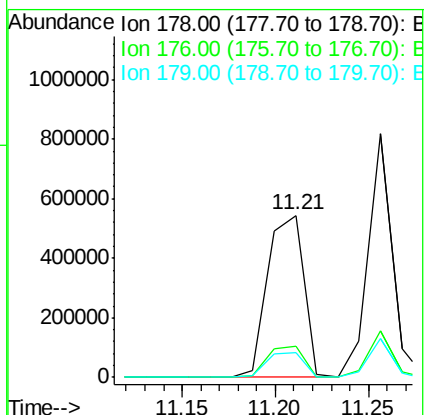
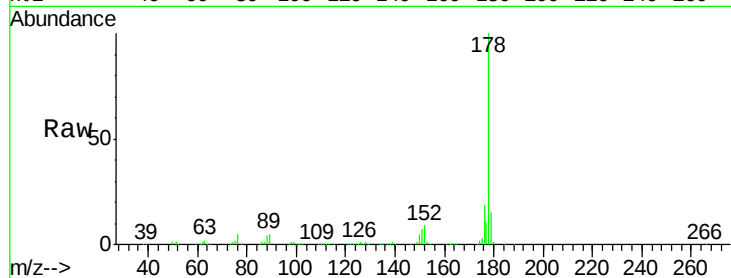
#70
Phenanthrene
Concen: 44.62 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampled :
PB91291BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.6
179	15.1	13.0	19.4

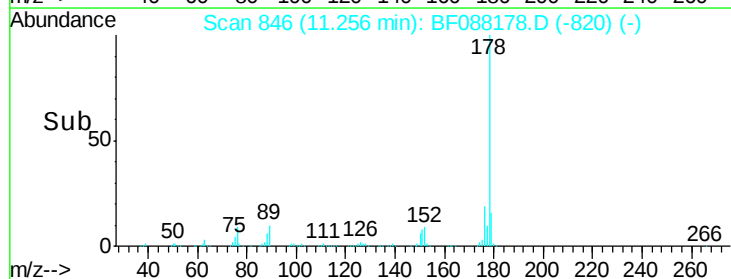
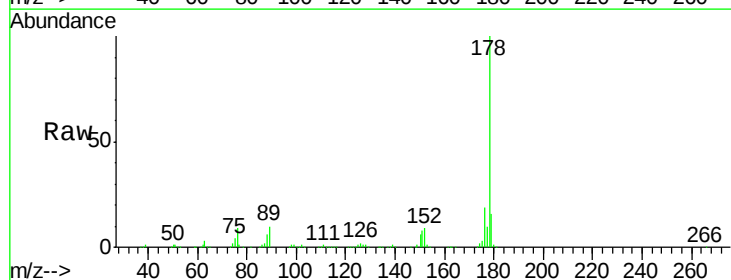
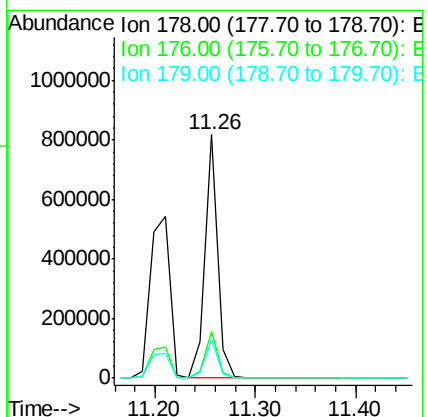
Manual Integrations
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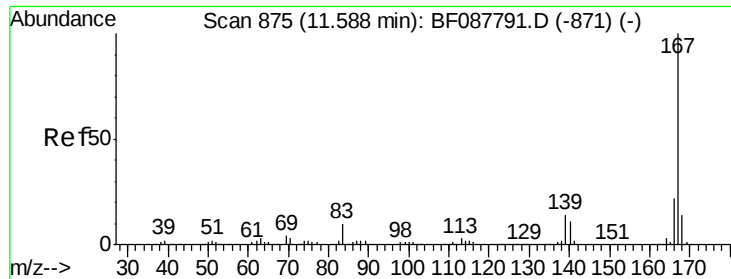
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#71
Anthracene
Concen: 43.18 ng
RT: 11.26 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.6	23.4
179	16.0	12.8	19.2





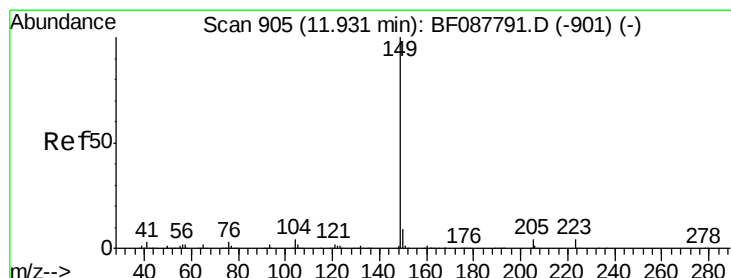
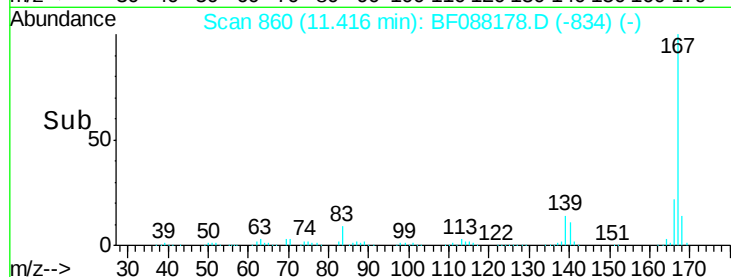
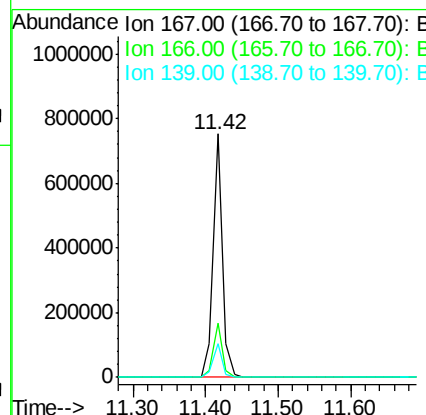
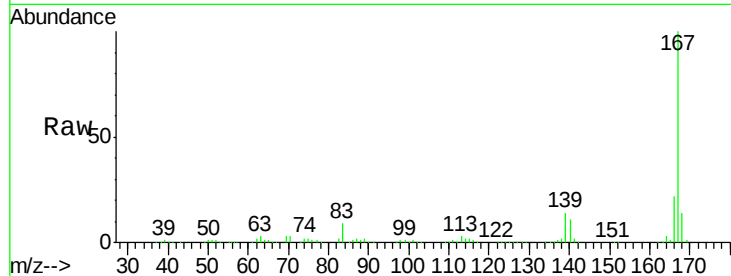
#72
 Carbazole
 Concen: 43.16 ng
 RT: 11.42 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.6
139	13.9	11.2	16.8

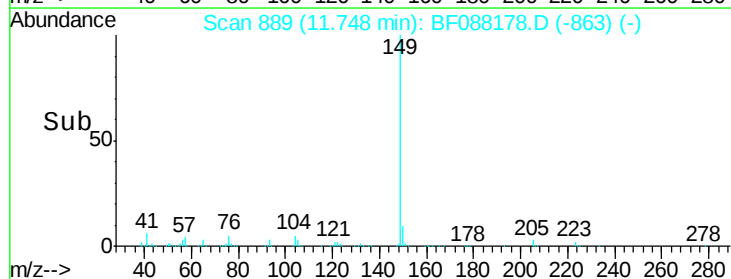
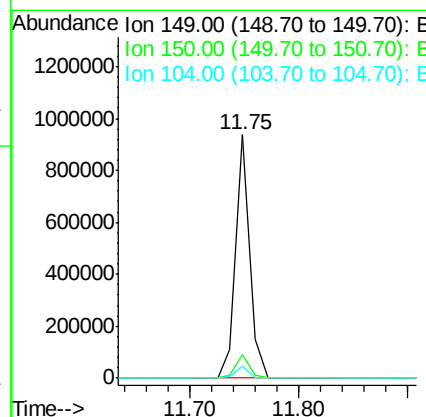
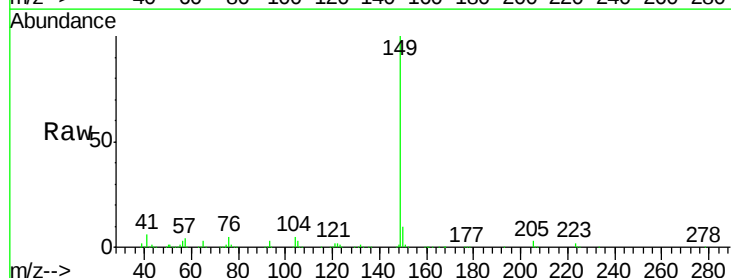
Manual Integrations
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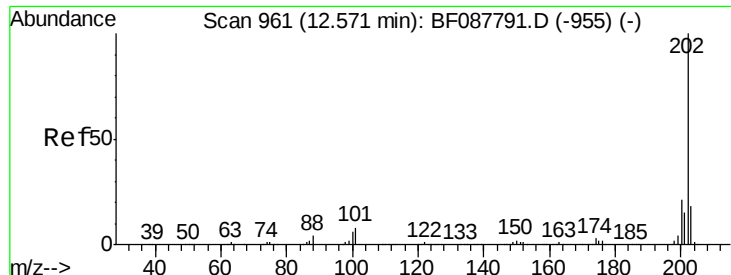
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#73
 Di-n-butylphthalate
 Concen: 41.76 ng
 RT: 11.75 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	4.9	4.0	6.0





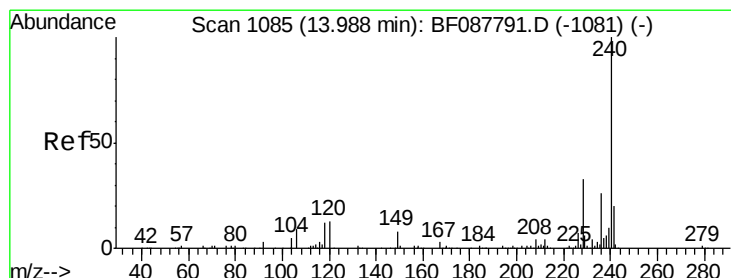
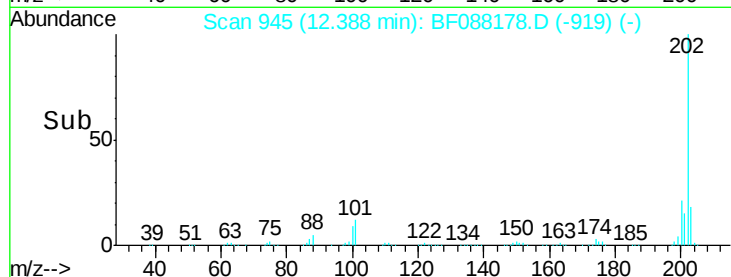
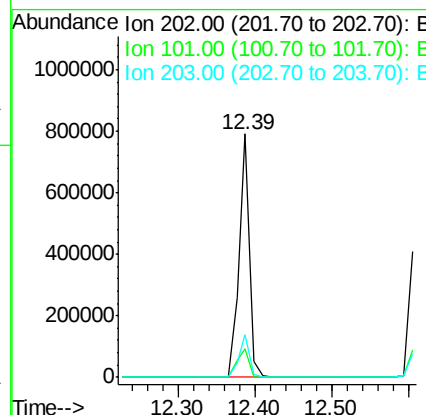
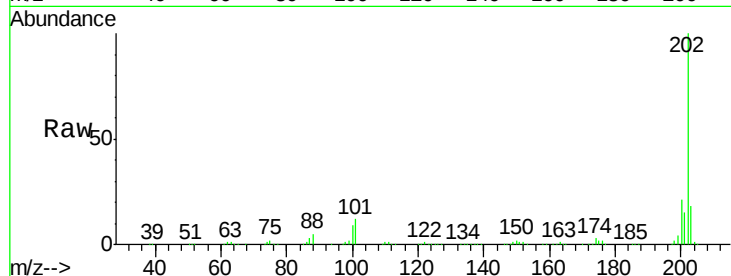
#74
Fluoranthene
 Concen: 43.80 ng
 RT: 12.39 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampled :
 PB91291BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.7	0.0	33.1
203	17.7	0.0	38.1

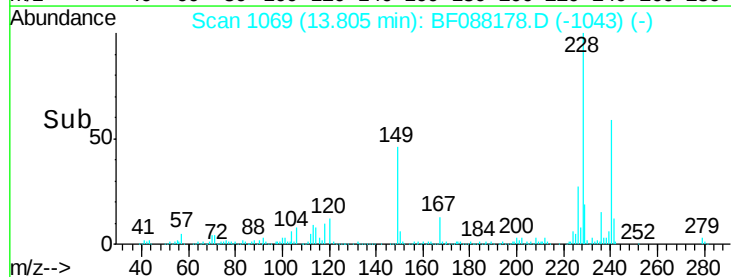
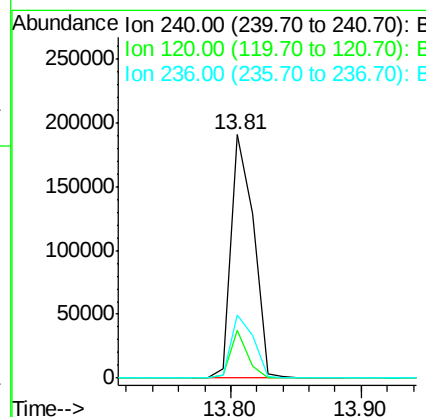
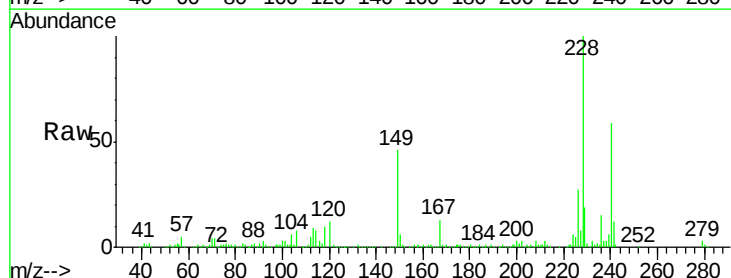
Manual Integrations
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	19.5	6.8	10.2#
236	25.7	20.2	30.2





#76

Benzidine

Concen: 45.92 ng

RT: 12.51 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

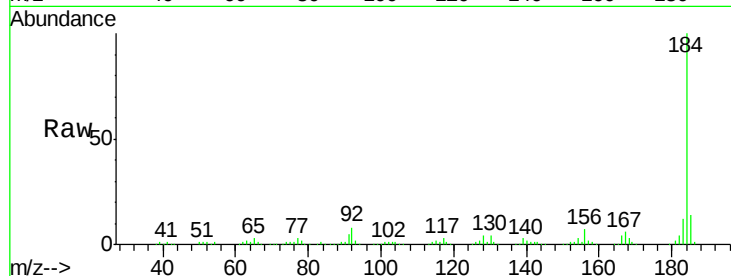
ClientSampleId :

PB91291BS

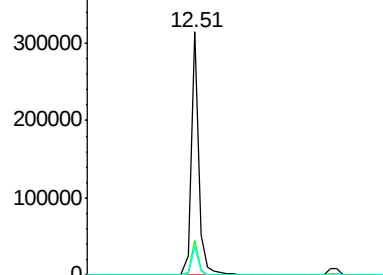
Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.4	12.5	18.7	
183	11.5	9.3	13.9	

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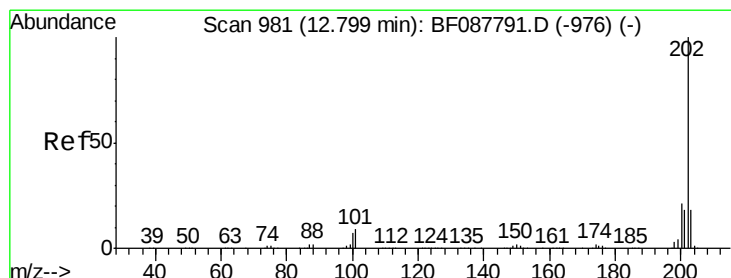
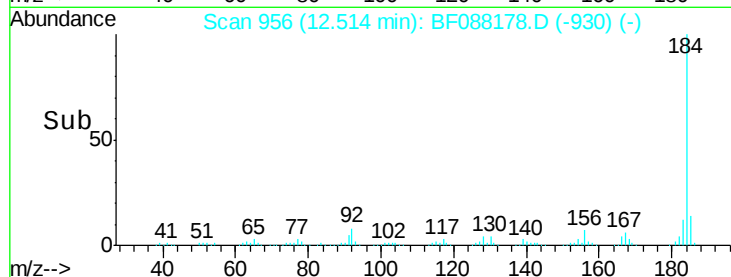
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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->



#77

Pyrene

Concen: 46.23 ng

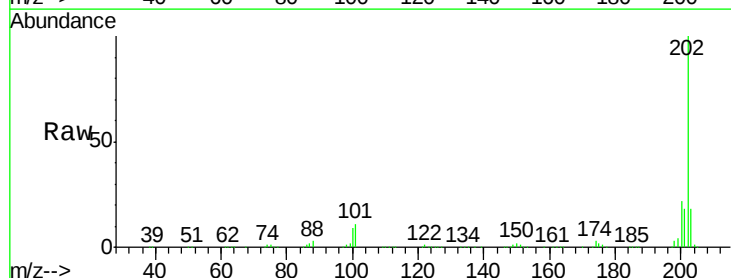
RT: 12.62 min Scan# 965

Delta R.T. -0.00 min

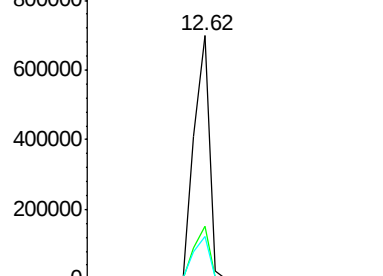
Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

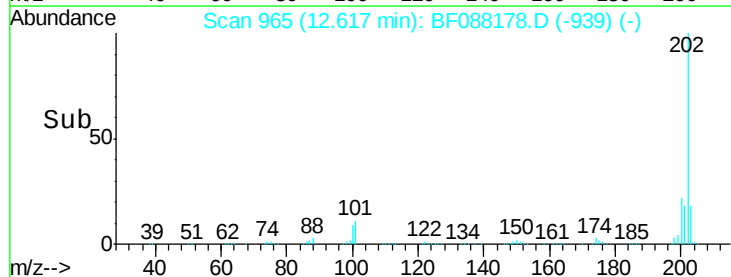
Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.8	17.4	26.2	
203	17.6	14.5	21.7	

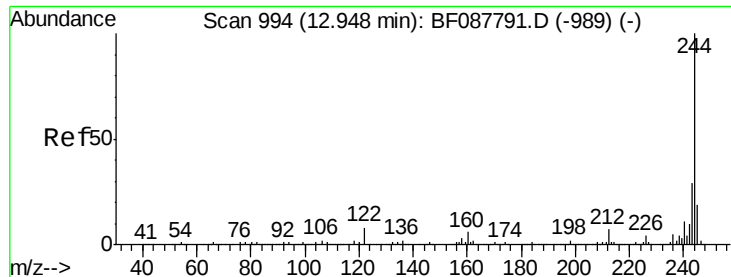


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->





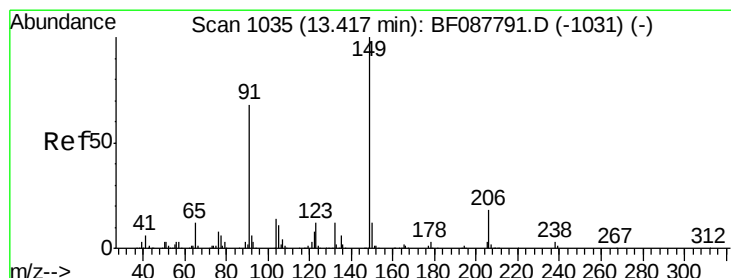
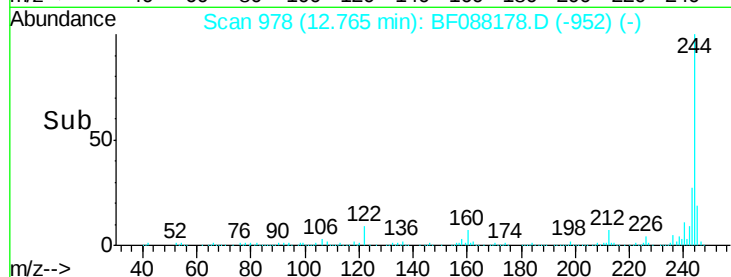
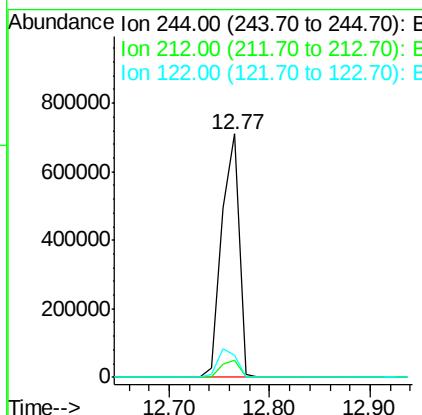
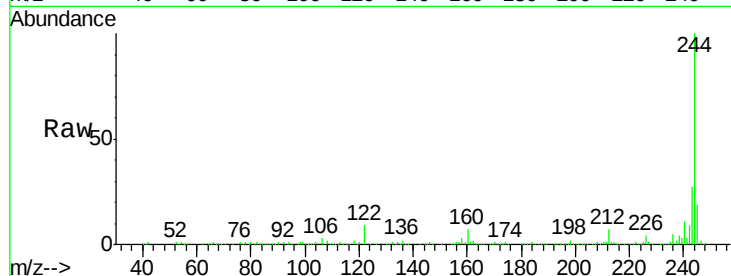
#78
 Terphenyl-d14
 Concen: 85.12 ng
 RT: 12.77 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	6.0	9.0
122	9.3	11.2	16.8#

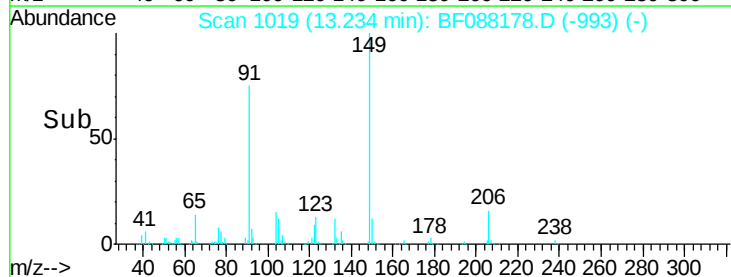
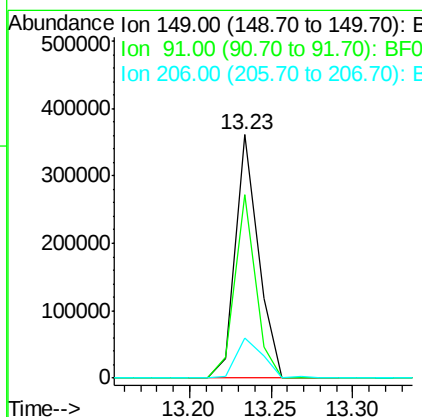
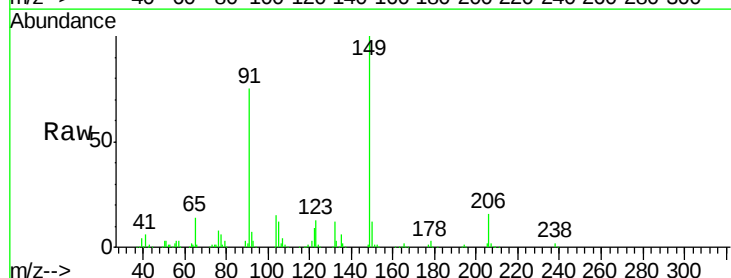
Manual Integrations
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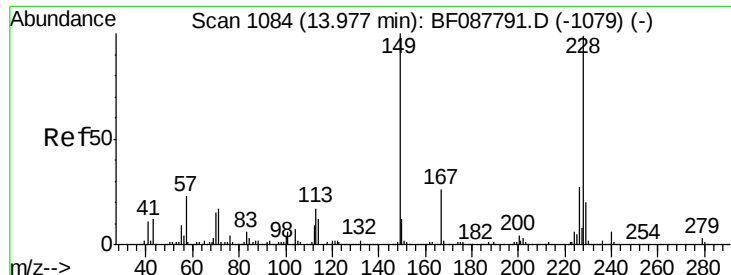
sohil
 6/21/2016 4:22:04 PM



#79
 Butylbenzylphthalate
 Concen: 46.83 ng
 RT: 13.23 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	75.4	48.0	72.0#
206	16.5	16.0	24.0





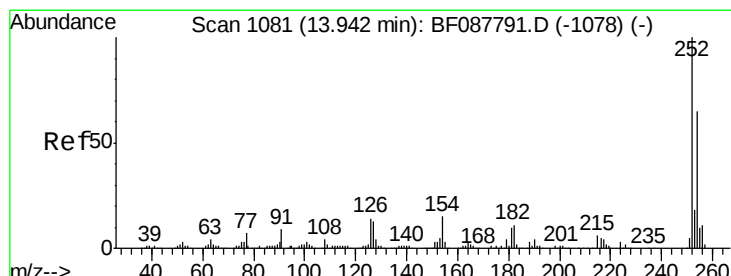
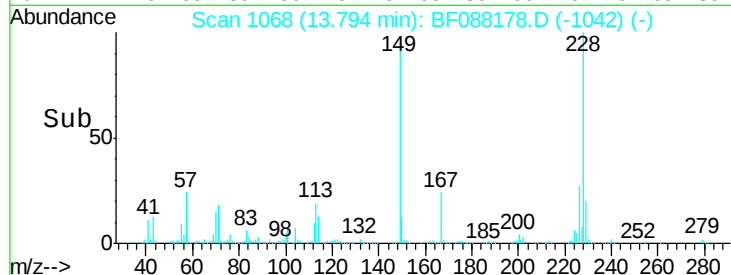
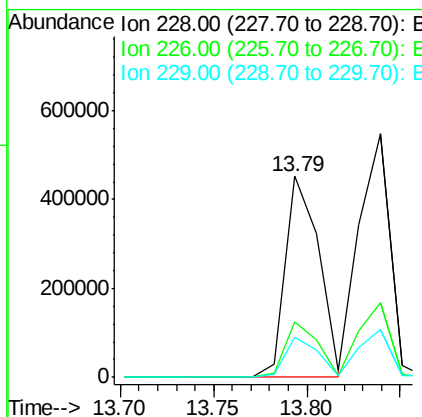
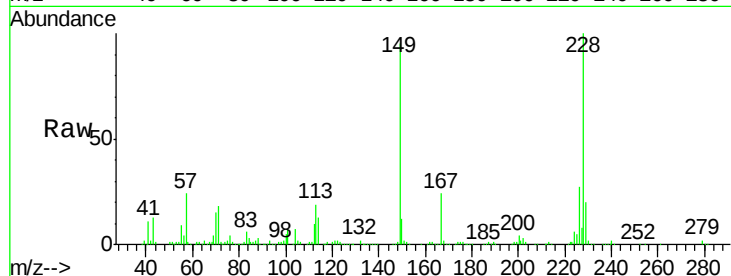
#80
 Benzo(a)anthracene
 Concen: 43.23 ng
 RT: 13.79 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB91291BS

Tot Ion:	228	Resp:	562642
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.3	33.5
229	20.0	16.0	24.0

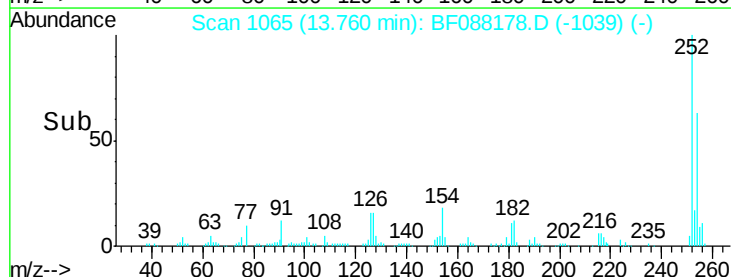
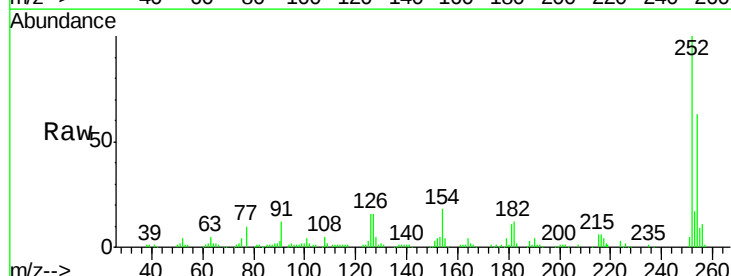
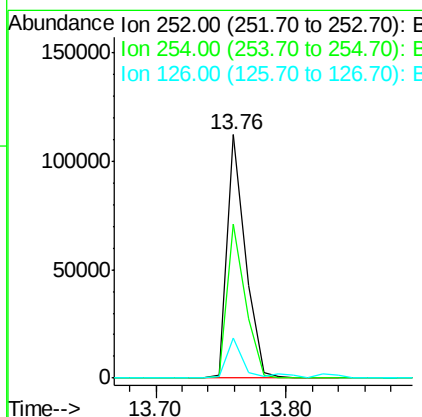
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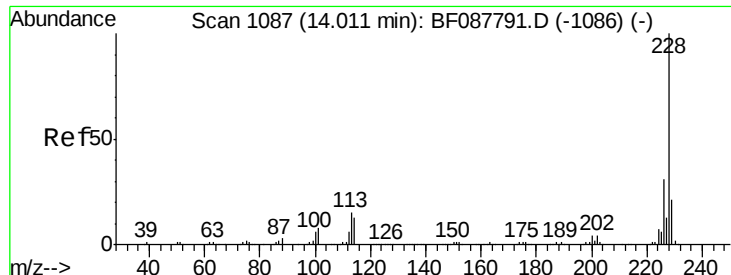
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#81
 3,3'-Dichlorobenzidine
 Concen: 31.42 ng
 RT: 13.76 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BF088178.D
 Acq: 20 Jun 2016 18:27

Tgt Ion:	252	Resp:	109948
Ion Ratio	Lower	Upper	
252	100		
254	63.4	52.6	78.8
126	16.4	6.2	9.2#





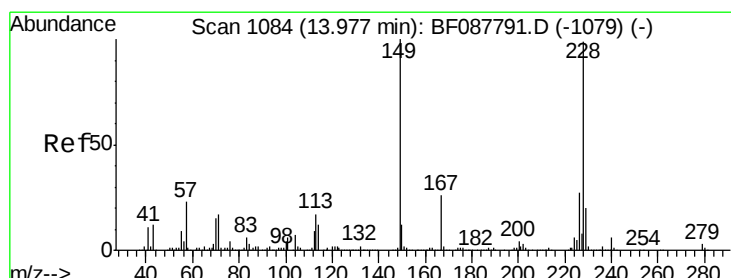
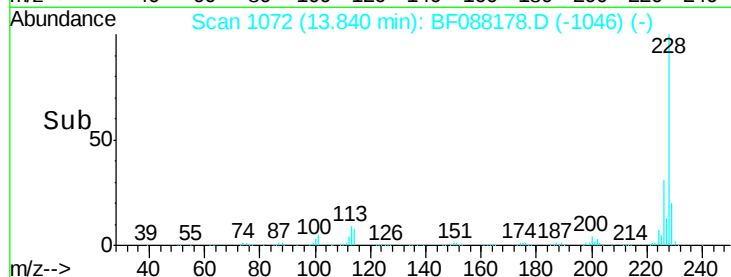
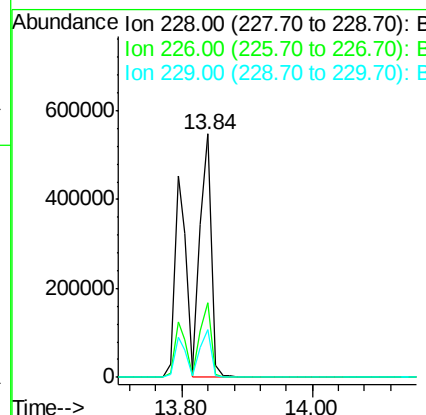
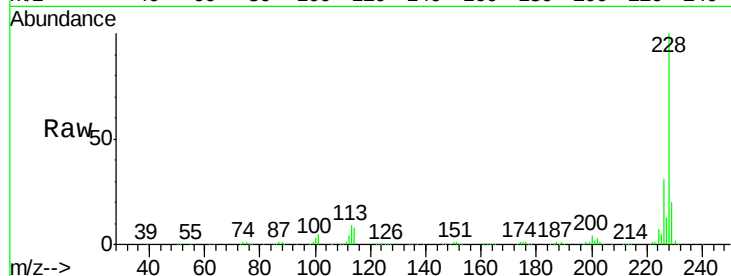
#82
Chrysene
Concen: 52.25 ng
RT: 13.84 min Scan# 1072
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	639781		
226	30.8	25.4	38.2	
229	19.6	16.3	24.5	

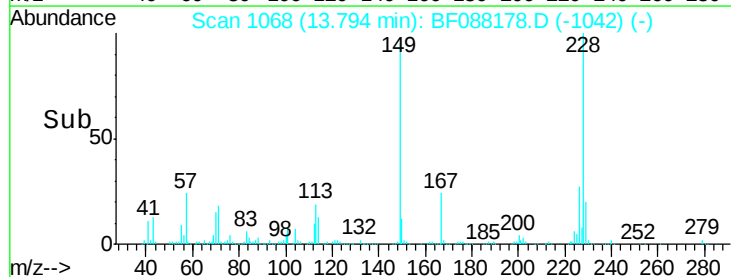
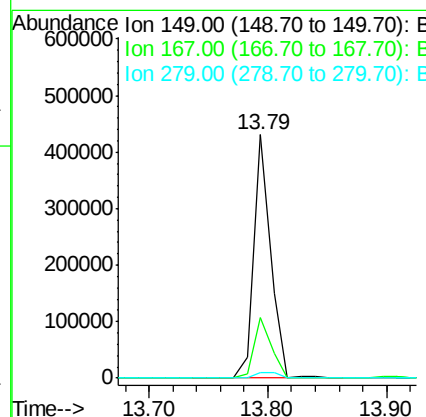
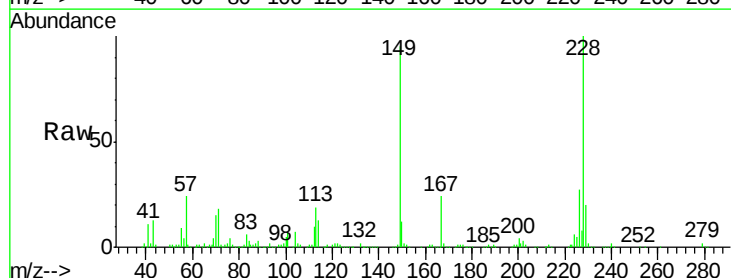
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#83
Bis(2-ethylhexyl)phthalate
Concen: 46.92 ng
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	427984		
167	24.9	20.5	30.7	
279	2.5	2.0	3.0	





#84

Di-n-octyl phthalate

Concen: 57.25 ng

RT: 14.40 min Scan# 1121

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

ClientSampleId :

PB91291BS

Tot Ion:149 Resp: 848469

Ion Ratio Lower Upper

149 100

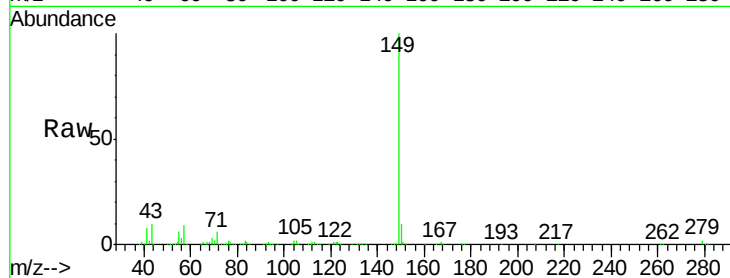
167 1.5 0.0 0.0#

43 7.3 0.0 0.0#

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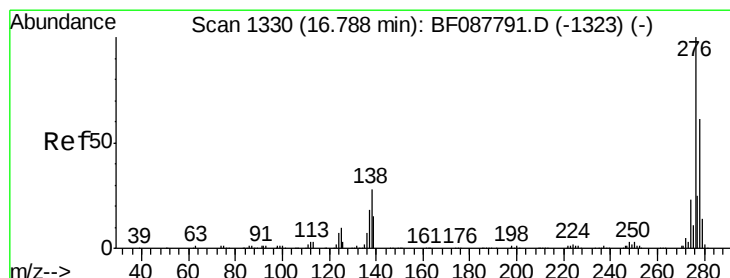
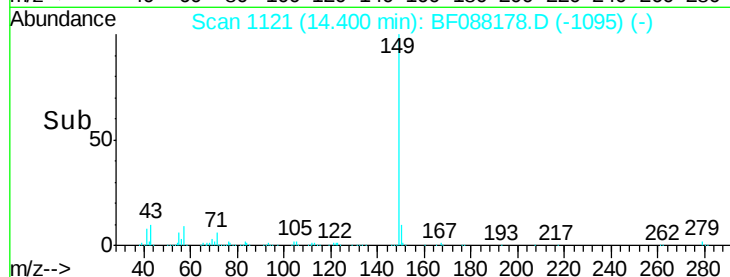
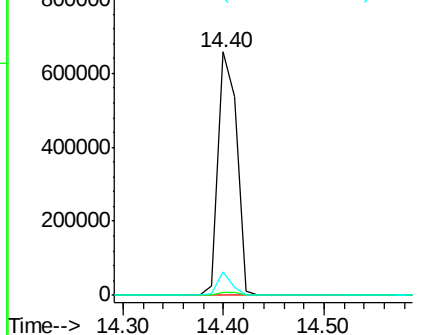
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 41.90 ng

RT: 16.47 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion:276 Resp: 476649

Ion Ratio Lower Upper

276 100

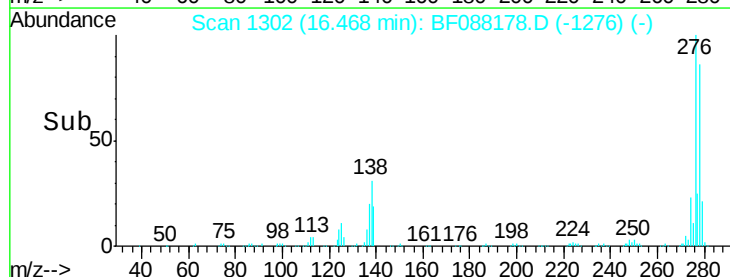
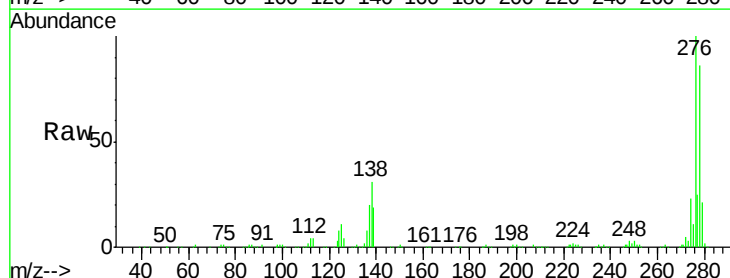
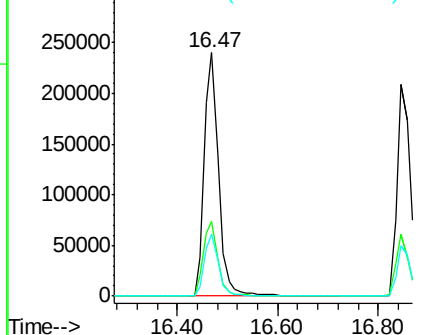
138 31.3 0.0 0.0#

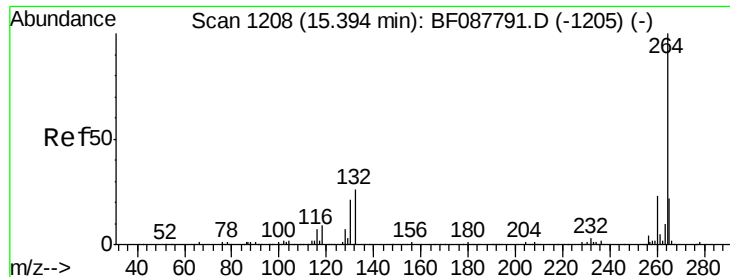
277 25.0 0.0 0.0#

Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





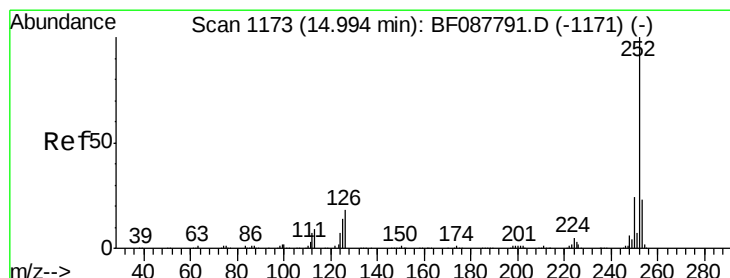
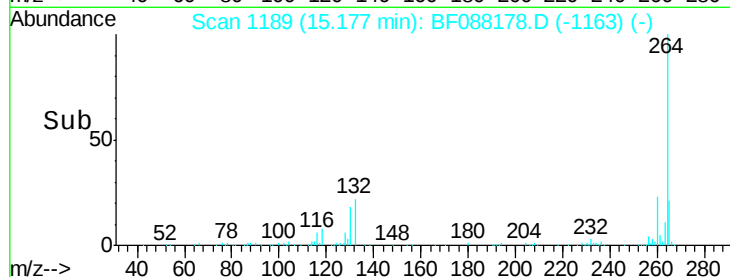
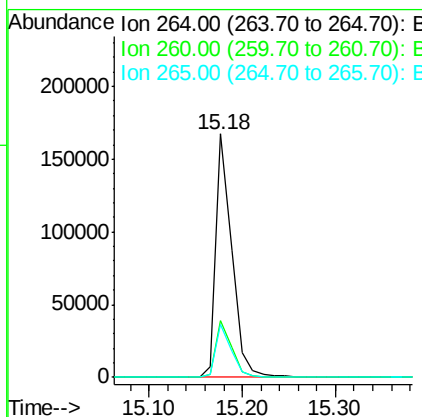
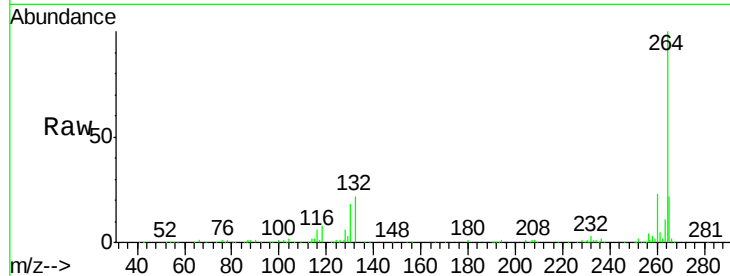
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.18 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.7	16.9	25.3

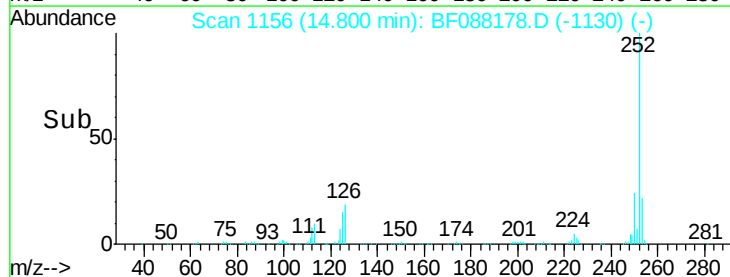
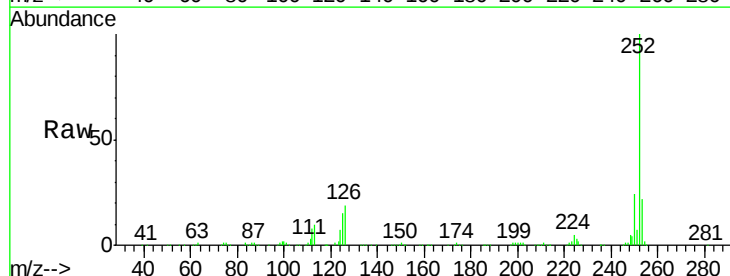
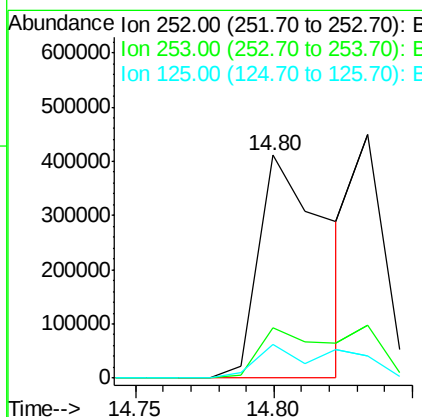
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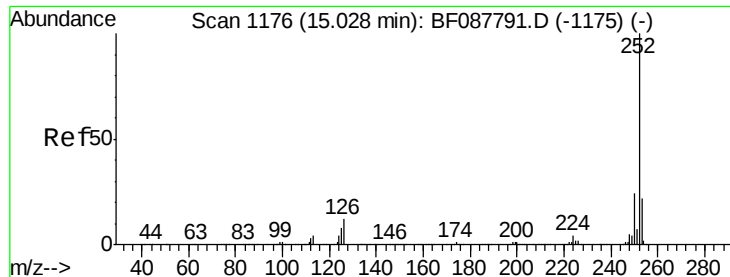
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#87
Benzo(b)fluoranthene
Concen: 50.99 ng m
RT: 14.80 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.2
125	14.9	7.1	10.7





#88

Benzo(k)fluoranthene

Concen: 34.29 ng

RT: 14.83 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Instrument :

BNA_F

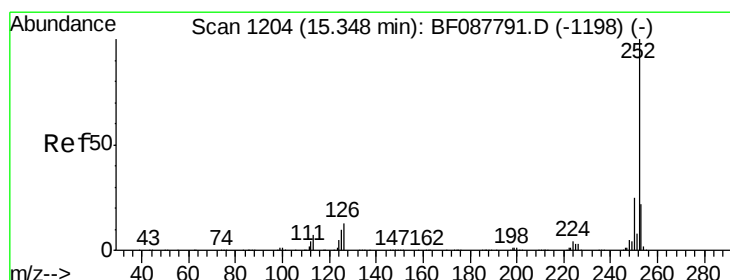
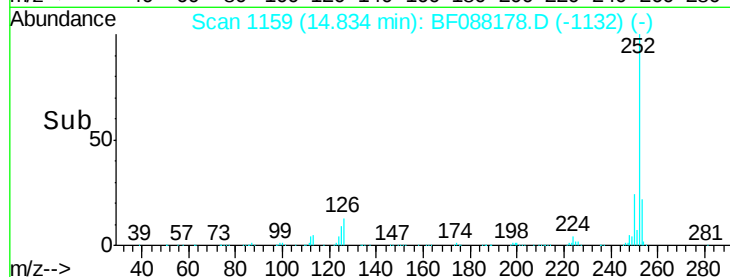
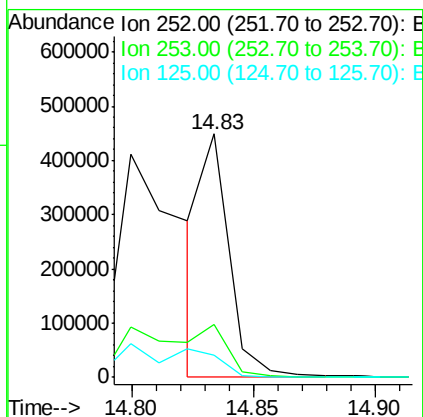
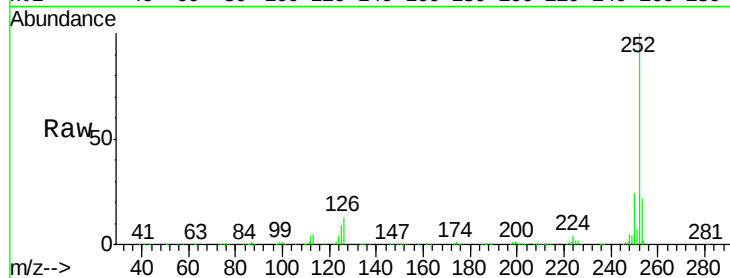
ClientSampleId :

PB91291BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	357805		
253	22.0	18.0	27.0	
125	8.9	11.2	16.8	

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#89

Benzo(a)pyrene

Concen: 44.48 ng

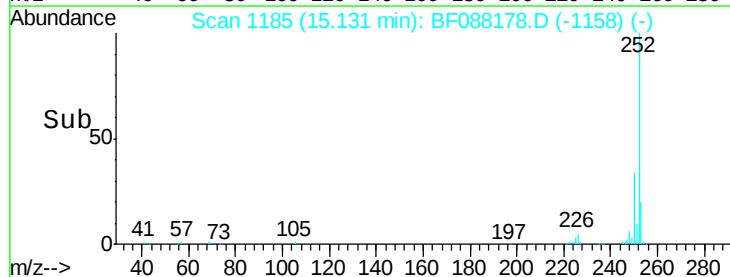
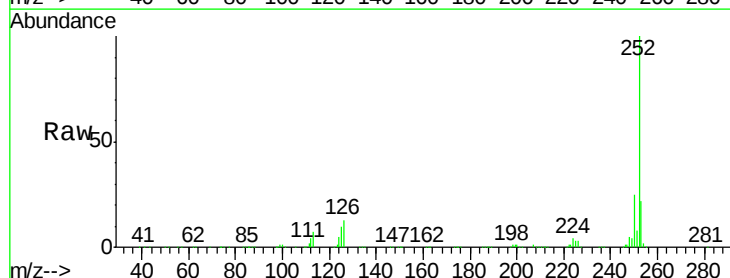
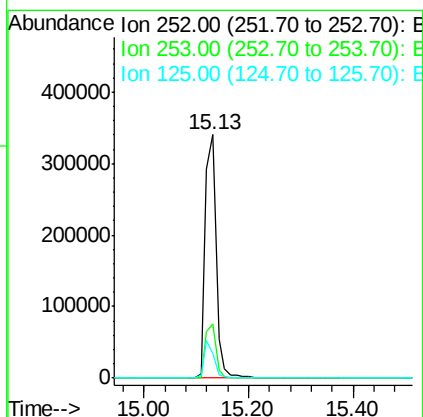
RT: 15.13 min Scan# 1185

Delta R.T. 0.01 min

Lab File: BF088178.D

Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	497825		
253	22.1	17.9	26.9	
125	9.9	12.5	18.7	





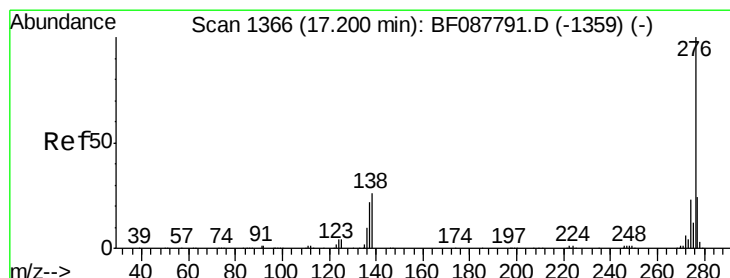
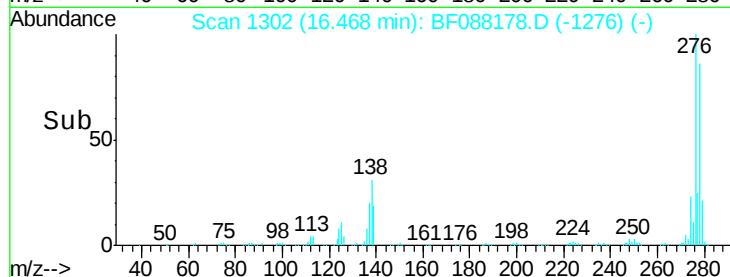
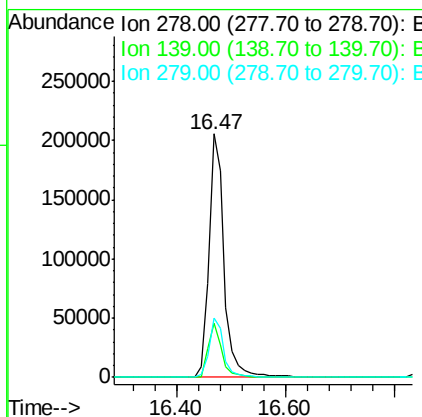
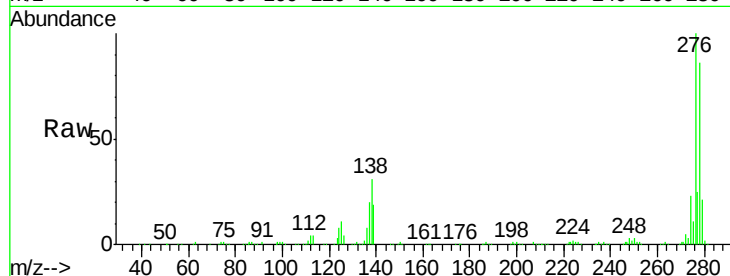
#90
Dibenzo(a,h)anthracene
Concen: 38.50 ng
RT: 16.47 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Instrument :
BNA_F
ClientSampleId :
PB91291BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	22.1	15.7	23.5
279	24.2	19.4	29.2

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#91
Benzo(g,h,i)perylene
Concen: 39.43 ng
RT: 16.85 min Scan# 1335
Delta R.T. -0.00 min
Lab File: BF088178.D
Acq: 20 Jun 2016 18:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.9	28.3
138	28.9	21.4	32.2

