

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060816\
 Data File : BF087838.D
 Acq On : 9 Jun 2016 7:13
 Operator : UM/SJ
 Sample : H3405-02MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Manual Integrations
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 6/9/2016 8:00:52 PM

Quant Time: Jun 09 08:01:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	107546	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	419468	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	175818	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	265829	20.00	ng	0.00
75) Chrysene-d12	13.99	240	190374	20.00	ng	0.00
86) Perylene-d12	15.42	264	172548	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	958635	152.38	ng	0.01
7) Phenol-d6	6.47	99	1183354	155.21	ng	-0.01
23) Nitrobenzene-d5	7.39	82	686486	95.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	207471	111.76	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1111231	100.28	ng	-0.01
78) Terphenyl-d14	12.95	244	866787	103.61	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	115087	37.65	ng	# 29
3) Pyridine	3.19	79	340387	47.16	ng	97
4) n-Nitrosodimethylamine	3.12	42	167187	54.70	ng	90
6) Aniline	6.49	93	317722	29.28	ng	# 1
8) 2-Chlorophenol	6.62	128	371978	49.96	ng	93
9) Benzaldehyde	6.36	77	23156	3.96	ng	87
10) Phenol	6.49	94	402620	51.51	ng	95
11) bis(2-Chloroethyl)ether	6.57	93	333087	49.82	ng	90
12) 1,3-Dichlorobenzene	6.76	146	356199	44.59	ng	98
13) 1,4-Dichlorobenzene	6.84	146	367609	45.68	ng	99
14) 1,2-Dichlorobenzene	7.00	146	359281	49.09	ng	99
15) Benzyl Alcohol	6.97	79	272392	45.67	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	456740	50.57	ng	89
17) 2-Methylphenol	7.10	107	296947	49.18	ng	96
18) Hexachloroethane	7.35	117	116136	40.67	ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	260191	53.35	ng	# 86
20) 3+4-Methylphenols	7.24	107	318063	45.14	ng	# 85
22) Acetophenone	7.24	105	451712	48.19	ng	# 89
24) Nitrobenzene	7.42	77	379197	54.50	ng	92
25) Isophorone	7.66	82	656930	49.37	ng	98
26) 2-Nitrophenol	7.74	139	180806	48.51	ng	# 68
27) 2,4-Dimethylphenol	7.77	122	291088	42.41	ng	95
28) bis(2-Chloroethoxy)methane	7.87	93	447926	54.28	ng	98
29) 2,4-Dichlorophenol	7.98	162	307342	53.64	ng	95
30) 1,2,4-Trichlorobenzene	8.06	180	297245	47.64	ng	99
31) Naphthalene	8.14	128	955579	46.03	ng	100
32) Benzoic acid	7.85	122	29050	7.69	ng	96
33) 4-Chloroaniline	8.18	127	193175	20.84	ng	99
34) Hexachlorobutadiene	8.26	225	156139	47.45	ng	98
35) Caprolactam	8.56	113	85180	44.88	ng	95
36) 4-Chloro-3-methylphenol	8.67	107	281893	46.00	ng	100
37) 2-Methylnaphthalene	8.83	142	650151	47.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	250373	63.40	ng	# 1
40) Hexachlorocyclopentadiene	8.98	237	50513	17.81	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	184393	52.44	nq	96
43) 2,4,5-Trichlorophenol	9.15	196	173388	47.40	nq	# 83
45) 1,1'-Biphenyl	9.30	154	758474	59.47	nq	96
46) 2-Chloronaphthalene	9.32	162	578634	50.86	nq	# 91
47) 2-Nitroaniline	9.42	65	167338	49.86	nq	89
48) Acenaphthylene	9.74	152	865997	47.85	nq	100
49) Dimethylphthalate	9.61	163	1080313	84.82	nq	99
50) 2,6-Dinitrotoluene	9.67	165	151157	51.82	nq	# 88
51) Acenaphthene	9.91	154	504807	44.71	nq	99
52) 3-Nitroaniline	9.83	138	129138	38.37	nq	93
53) 2,4-Dinitrophenol	9.93	184	20323	17.85	nq	# 81
54) Dibenzofuran	10.08	168	730230	46.97	nq	93
55) 4-Nitrophenol	10.00	139	241558	92.47	nq	# 71
56) 2,4-Dinitrotoluene	10.07	165	188175	50.20	nq	96
57) Fluorene	10.42	166	533944	51.52	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	125024	43.49	nq	# 54
59) Diethylphthalate	10.31	149	674390	52.31	nq	98
60) 4-Chlorophenyl-phenylether	10.41	204	226262	43.76	nq	91
61) 4-Nitroaniline	10.44	138	143115	44.83	nq	100
62) Azobenzene	10.57	77	563740	44.22	nq	95
64) 4,6-Dinitro-2-methylphenol	10.47	198	24158	16.06	nq	95
65) n-Nitrosodiphenylamine	10.54	169	502339	56.95	nq	100
66) 4-Bromophenyl-phenylether	10.90	248	141826	49.73	nq	# 83
67) Hexachlorobenzene	10.97	284	161108	54.37	nq	# 81
68) Atrazine	11.06	200	126521	47.37	nq	91
69) Pentachlorophenol	11.16	266	170645	109.25	nq	98
70) Phenanthrene	11.38	178	733122	52.56	nq	100
71) Anthracene	11.43	178	674590	47.94	nq	99
72) Carbazole	11.59	167	675498	51.30	nq	99
73) Di-n-butylphthalate	11.93	149	881631	52.89	nq	# 98
74) Fluoranthene	12.57	202	746815	50.73	nq	94
76) Benzidine	12.69	184	184750	35.05	nq	98
77) Pyrene	12.79	202	724299	51.27	nq	100
79) Butylbenzylphthalate	13.42	149	336936	53.95	nq	# 78
80) Benzo(a)anthracene	13.98	228	589148	54.31	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	166643	57.12	nq	99
82) Chrysene	14.02	228	615946	60.35	nq	98
83) Bis(2-ethylhexyl)phthalate	13.99	149	466714	61.39	nq	# 98
84) Di-n-octyl phthalate	14.59	149	828719	67.08	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.81	276	482558	50.89	nq	# 100
87) Benzo(b)fluoranthene	15.01	252	677611m	56.34	nq	
88) Benzo(k)fluoranthene	15.04	252	361919m	39.89	nq	
89) Benzo(a)pyrene	15.36	252	461991	47.48	nq	# 96
90) Dibenzo(a,h)anthracene	16.82	278	397382	43.97	nq	100
91) Benzo(g,h,i)perylene	17.22	276	395074	42.50	nq	99

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

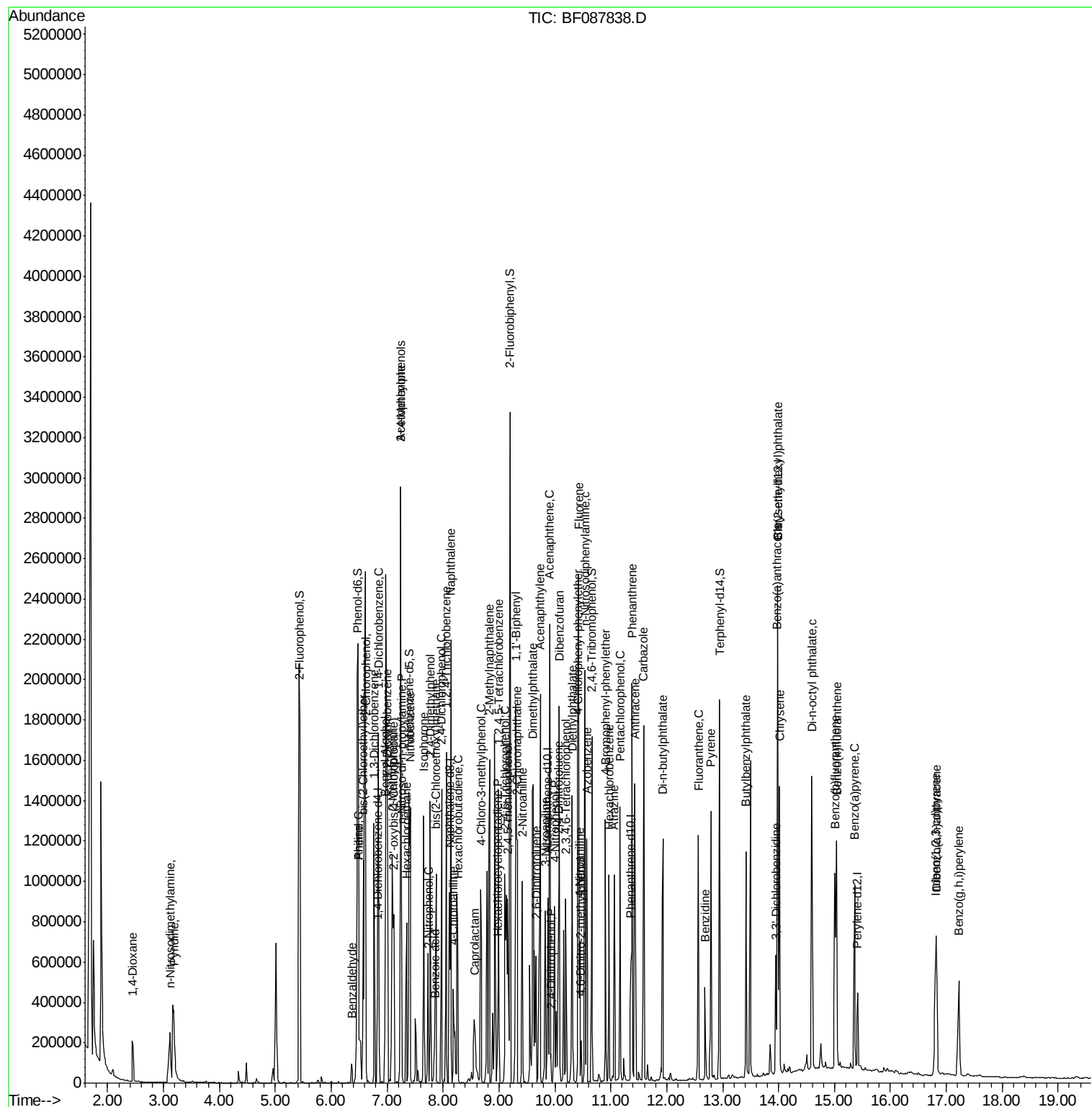
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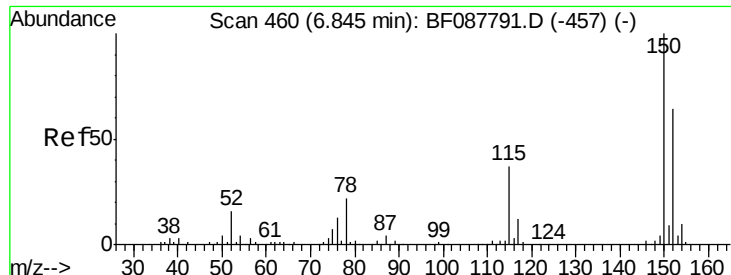
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#1

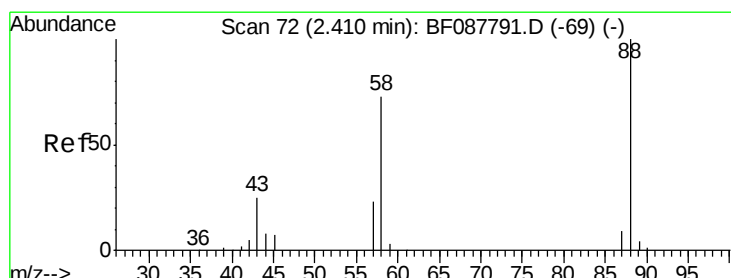
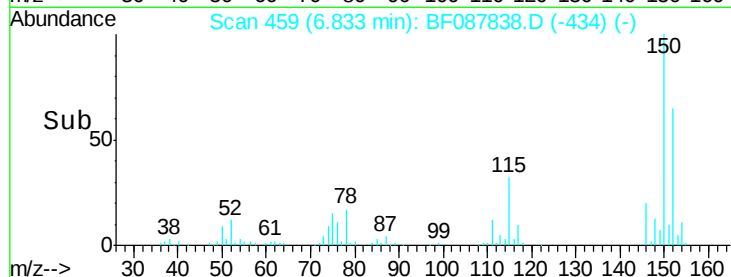
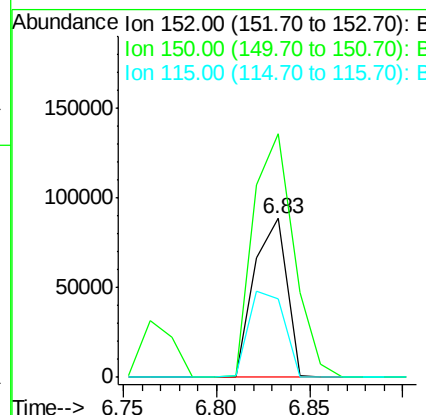
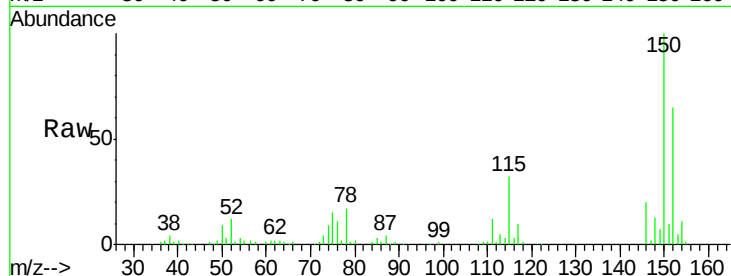
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	123.8	185.6
115	49.2	39.6	59.4

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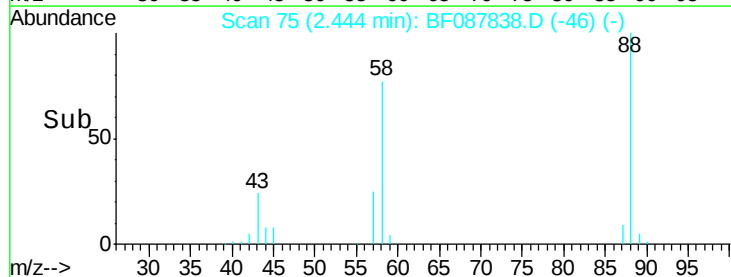
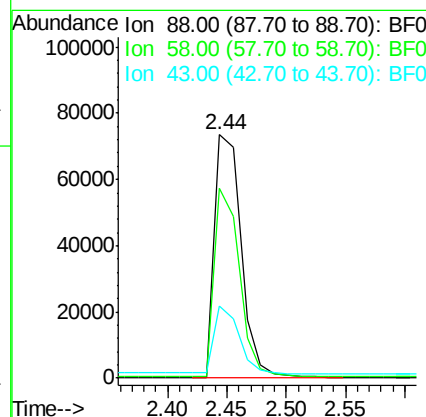
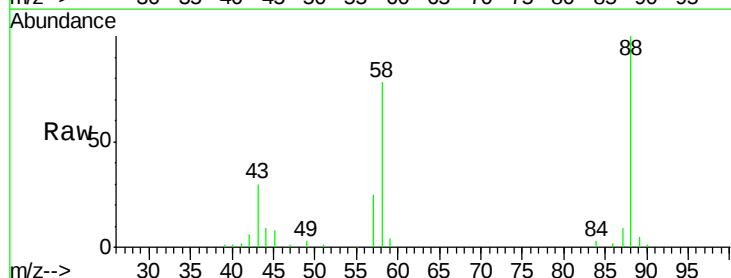
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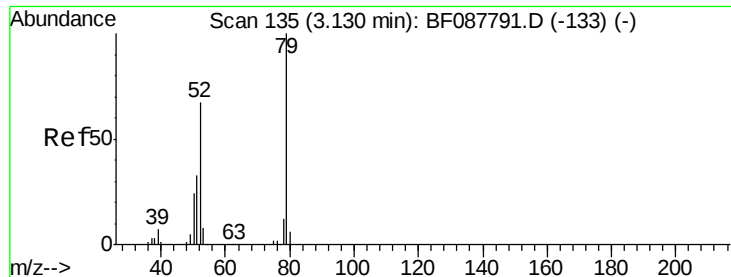


#2

1,4-Dioxane
Concen: 37.65 ng
RT: 2.44 min Scan# 75
Delta R.T. 0.03 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.8	0.0	0.0#
43	27.7	3.4	5.2#





#3

Pvridine

Concen: 47.16 ng

RT: 3.19 min Scan# 140

Delta R.T. 0.06 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

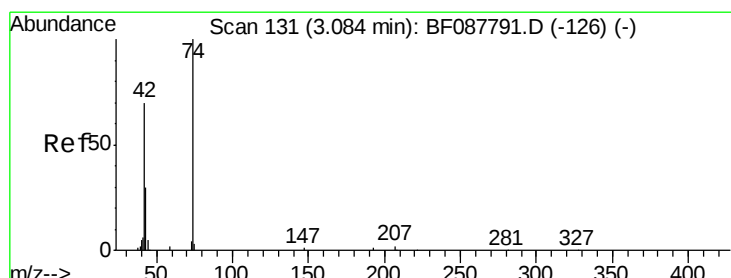
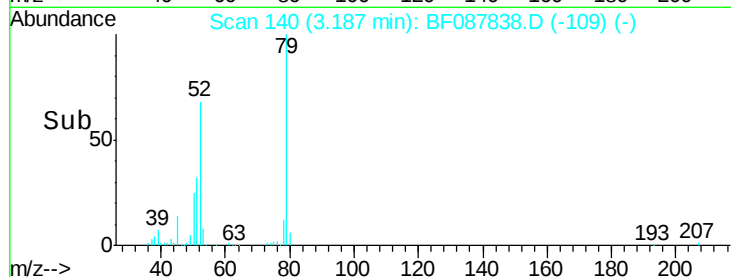
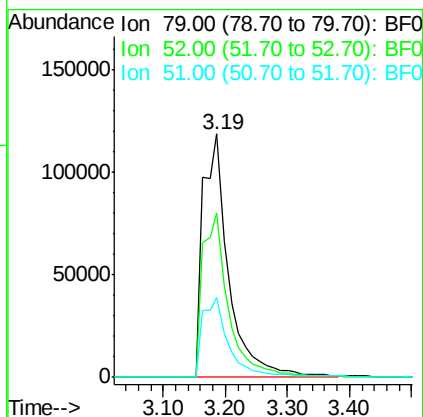
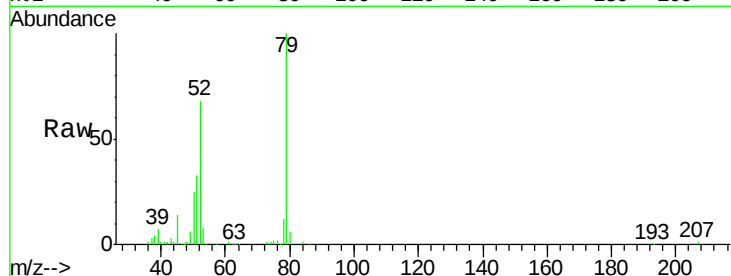
ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion:	79	Resp:	340387
Ion Ratio	Lower	Upper	
79	100		
52	67.6	56.3	84.5
51	32.7	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 54.70 ng

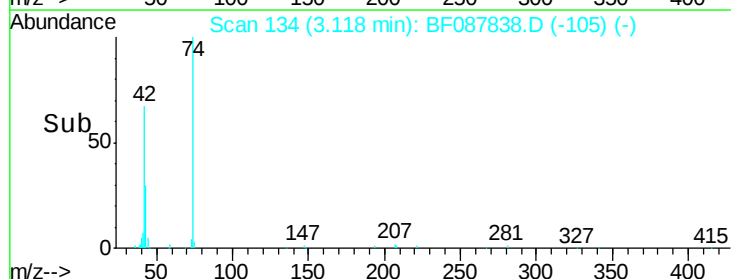
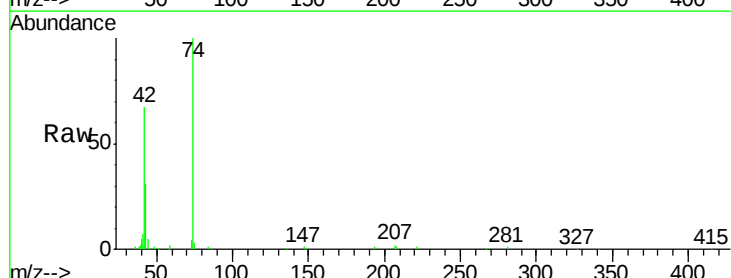
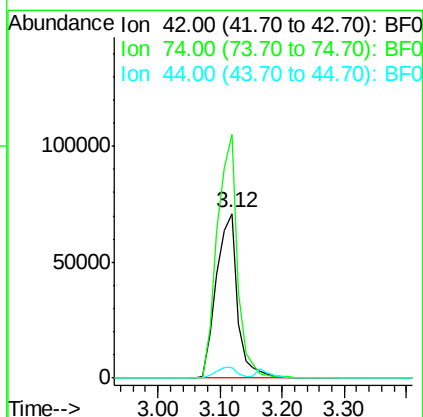
RT: 3.12 min Scan# 134

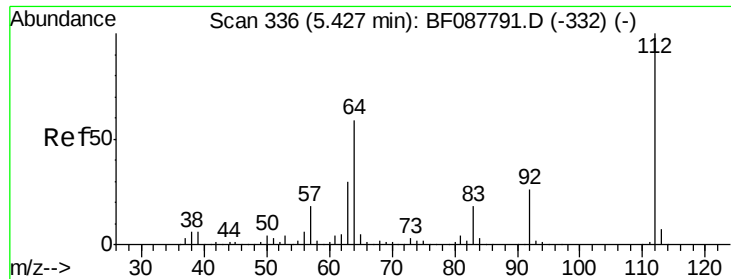
Delta R.T. 0.03 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	42	Resp:	167187
Ion Ratio	Lower	Upper	
42	100		
74	148.2	108.6	163.0
44	6.9	5.5	8.3





#5

2-Fluorophenol

Concen: 152.38 ng

RT: 5.44 min Scan# 337

Delta R.T. 0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

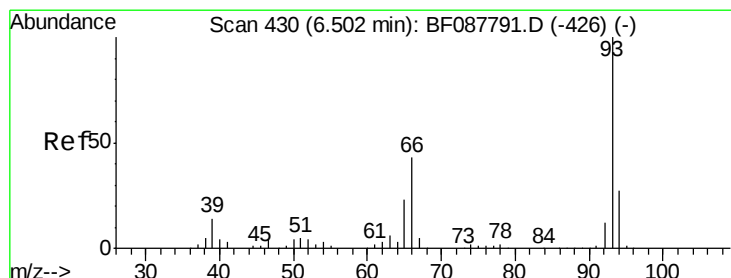
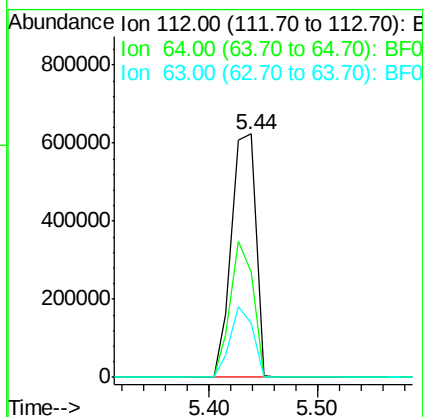
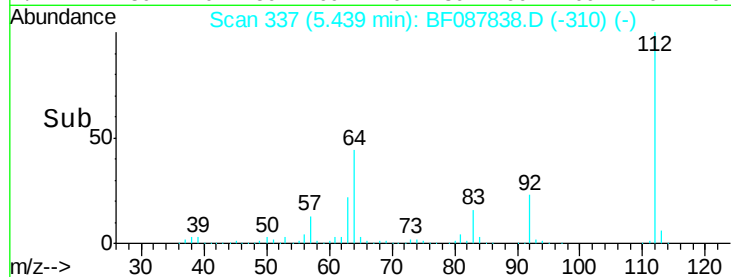
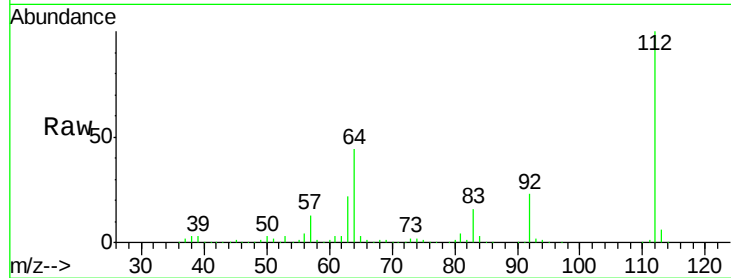
ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion:	112	Resp:	958635
Ion Ratio	Lower	Upper	
112	100		
64	43.5	42.2	63.2
63	22.4	21.8	32.8

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#6

Aniline

Concen: 29.28 ng

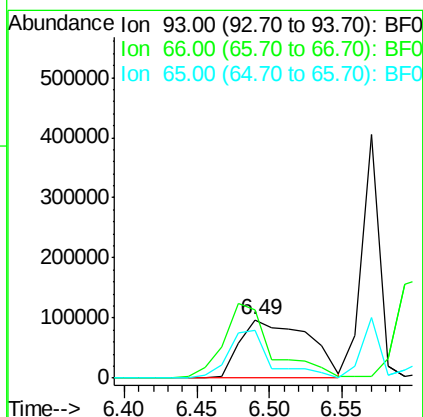
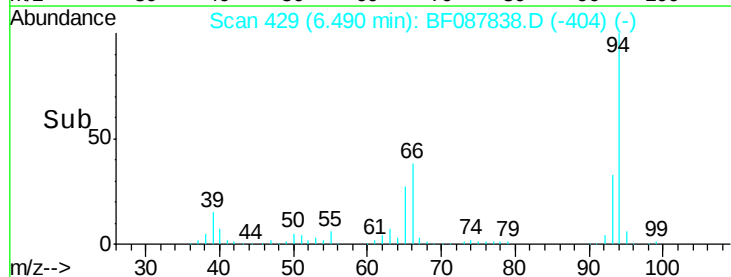
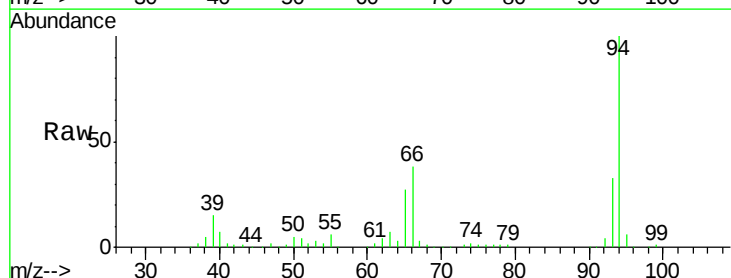
RT: 6.49 min Scan# 429

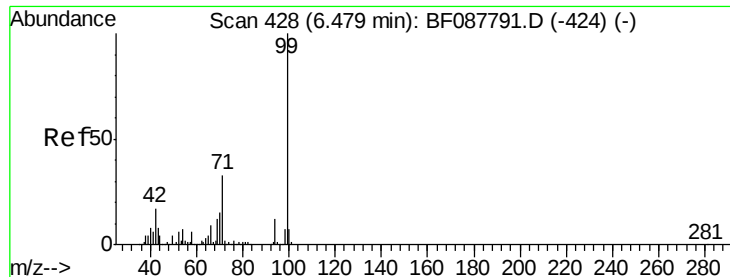
Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	93	Resp:	317722
Ion Ratio	Lower	Upper	
93	100		
66	116.8	29.8	44.8#
65	81.2	14.9	22.3#





#7

Phenol-d6

Concen: 155.21 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

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ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion: 99 Resp: 1183354

Ion Ratio Lower Upper

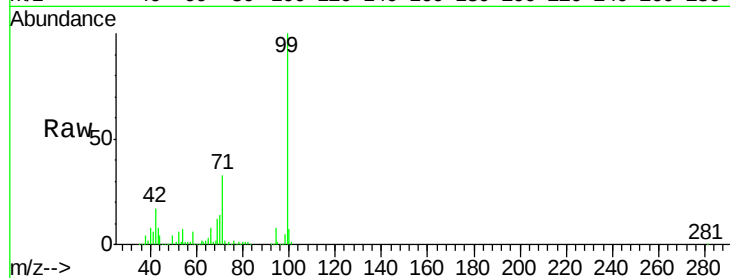
99 100

42 17.0 12.2 18.2

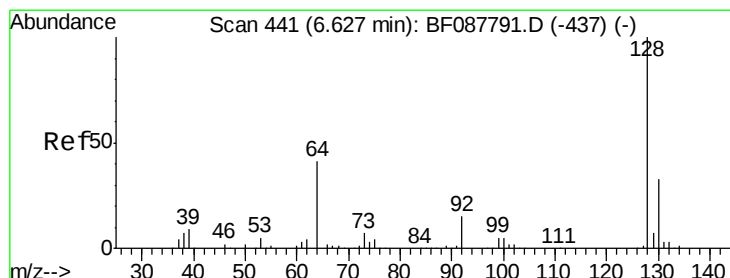
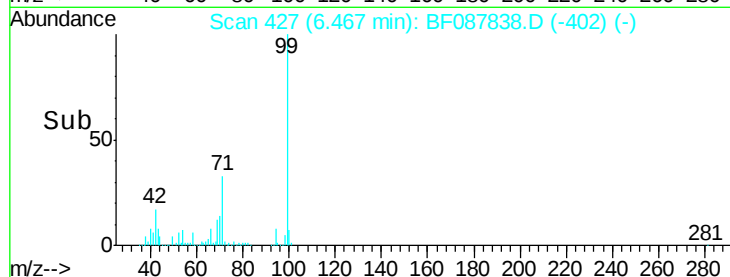
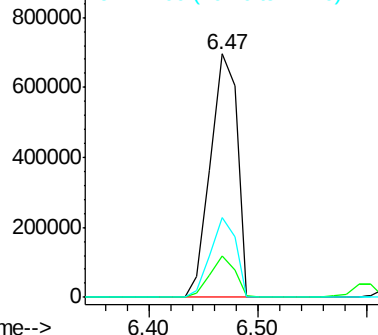
71 32.9 23.4 35.0

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



#8

2-Chlorophenol

Concen: 49.96 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

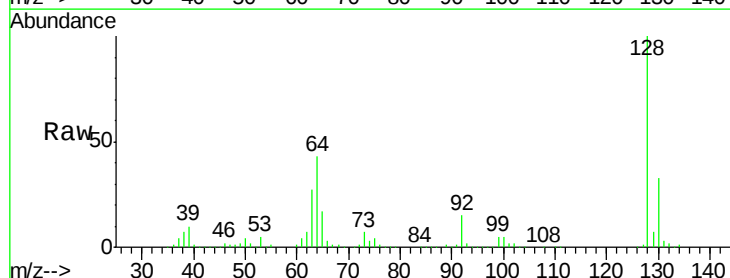
Tgt Ion: 128 Resp: 371978

Ion Ratio Lower Upper

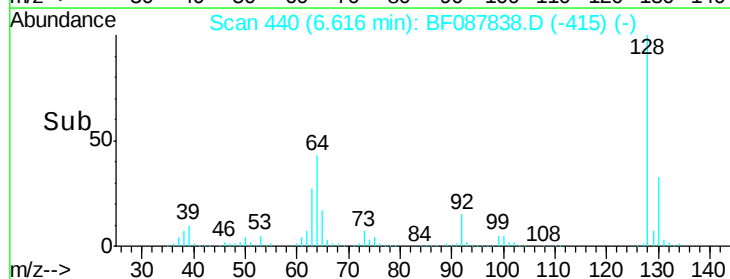
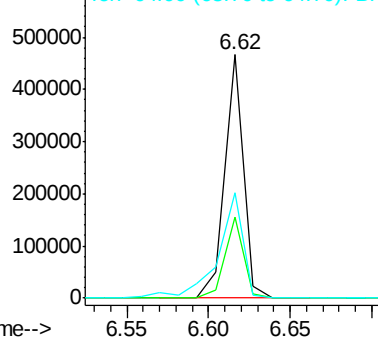
128 100

130 33.2 12.0 52.0

64 43.2 30.8 70.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.96 ng

RT: 6.36 min Scan# 418

Delta R.T. -0.02 min

Lab File: BF087838.D

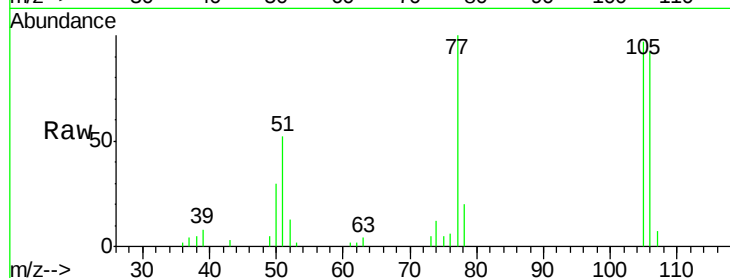
Acq: 9 Jun 2016 7:13

Instrument :

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ClientSampleId :

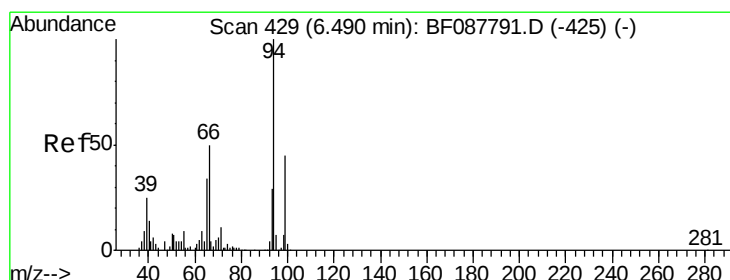
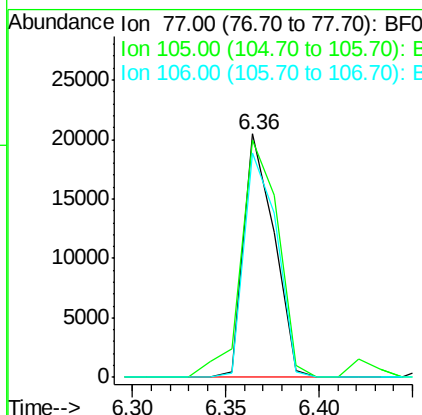
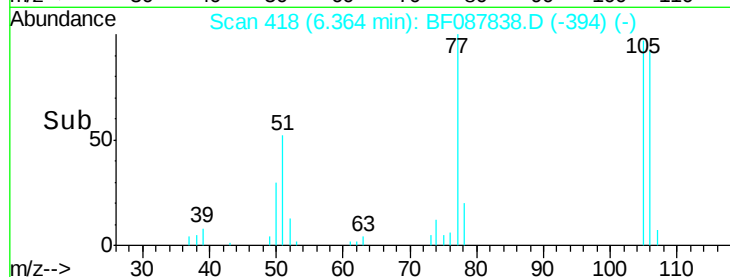
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Tot Ion:	77	Resp:	23156
Ion Ratio	Lower	Upper	
77	100		
105	97.2	90.6	130.6
106	92.4	85.3	125.3

Manual Integrations
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#10

Phenol

Concen: 51.51 ng

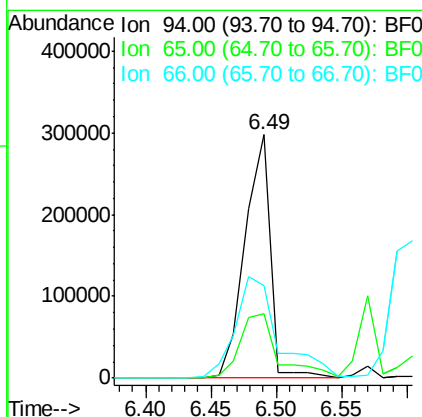
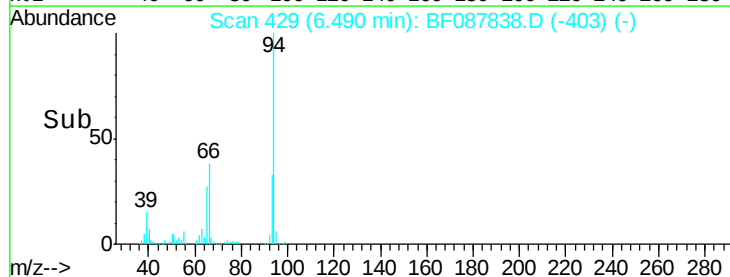
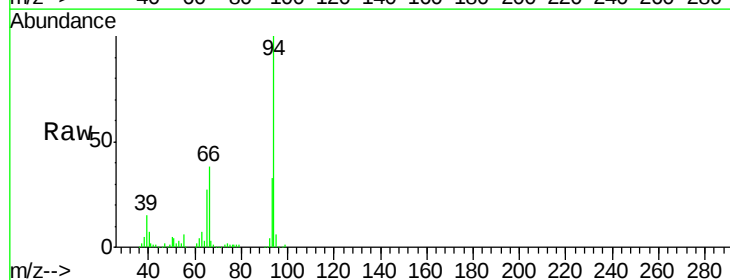
RT: 6.49 min Scan# 429

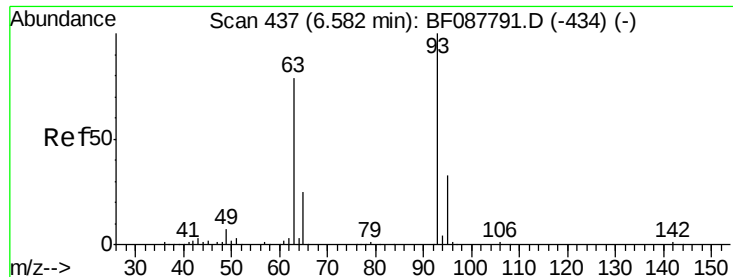
Delta R.T. 0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	94	Resp:	402620
Ion Ratio	Lower	Upper	
94	100		
65	26.5	5.9	45.9
66	38.2	14.0	54.0





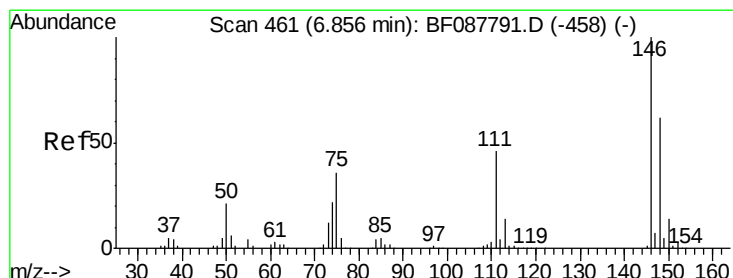
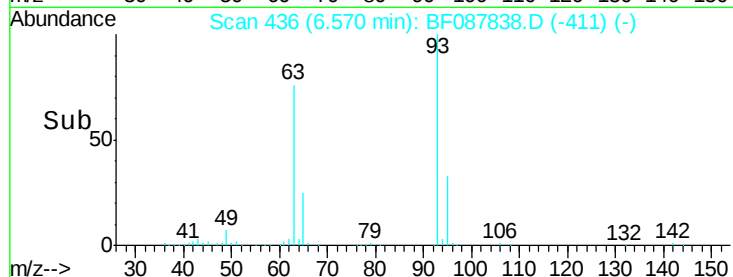
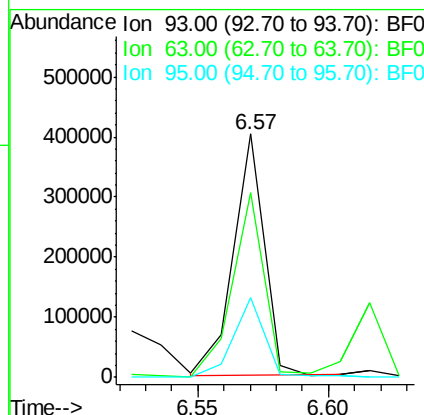
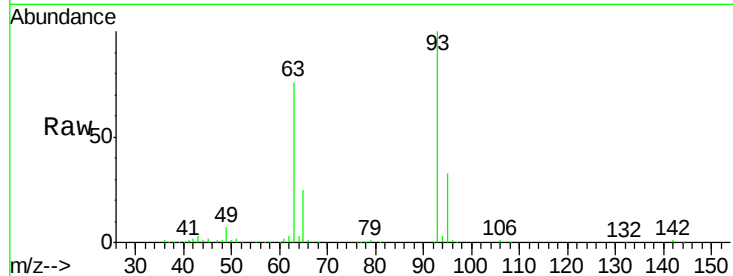
#11
bis(2-Chloroethyl)ether
Concen: 49.82 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.6	67.6	107.6
95	32.8	12.5	52.5

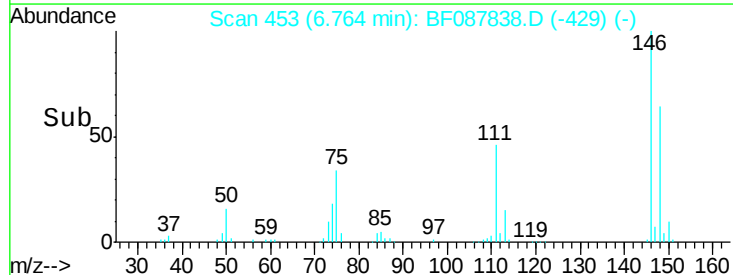
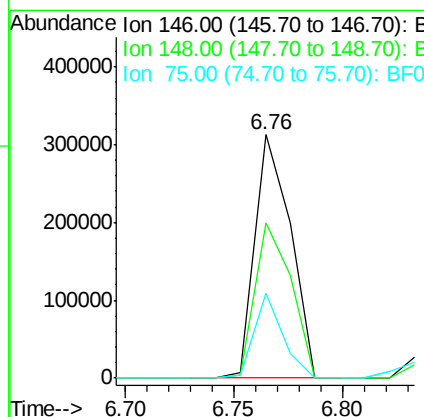
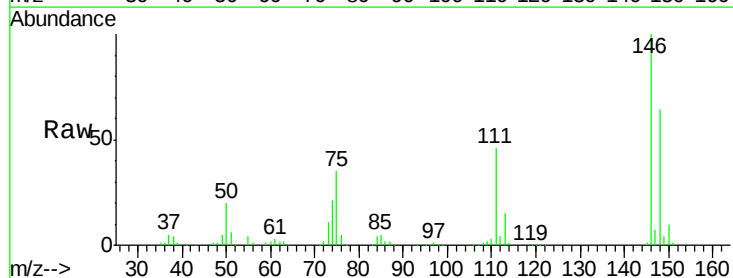
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#12
1,3-Dichlorobenzene
Concen: 44.59 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.02 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
75	34.8	25.6	38.4





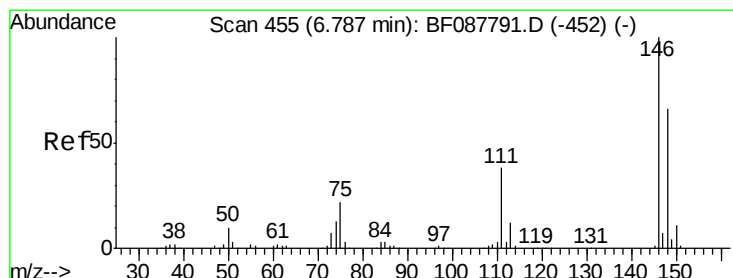
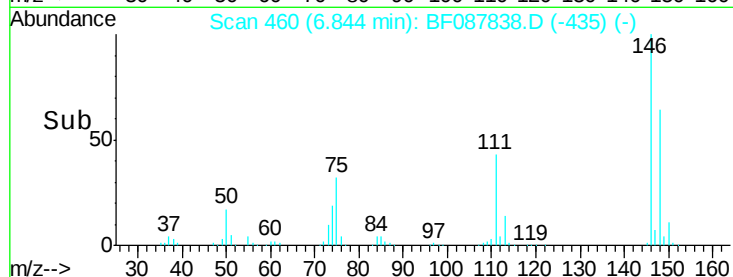
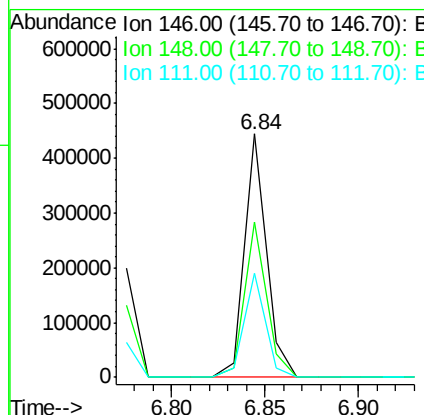
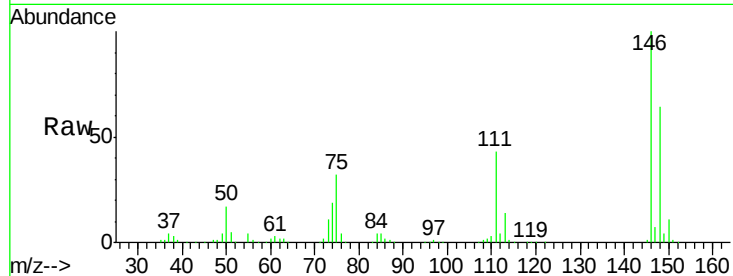
#13
 1,4-Dichlorobenzene
 Concen: 45.68 ng
 RT: 6.84 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.0	78.0
111	42.8	33.8	50.8

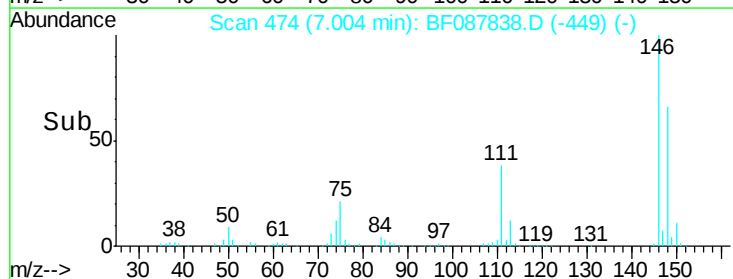
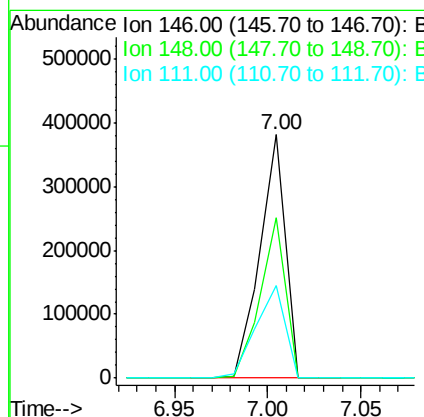
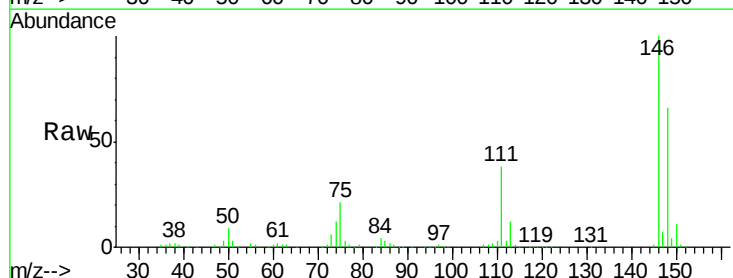
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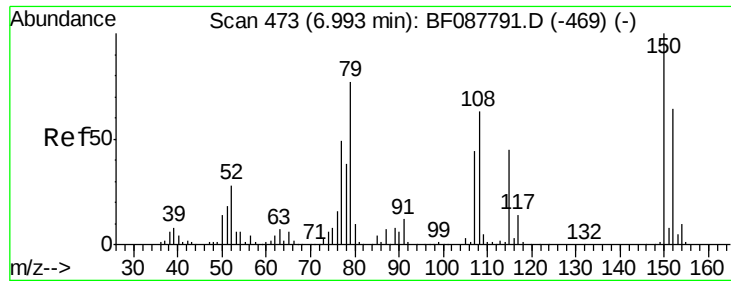
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#14
 1,2-Dichlorobenzene
 Concen: 49.09 ng
 RT: 7.00 min Scan# 474
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	52.3	78.5
111	37.9	28.7	43.1





#15

Benzyl Alcohol

Concen: 45.67 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion: 79 Resp: 272392

Ion Ratio Lower Upper

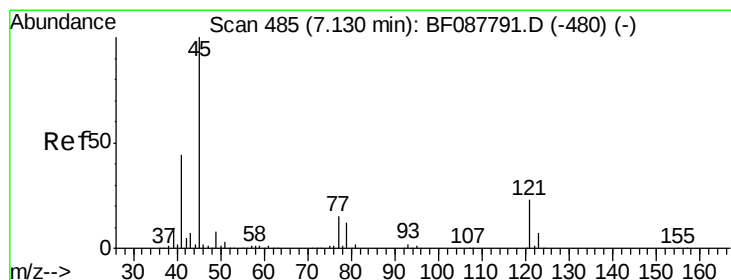
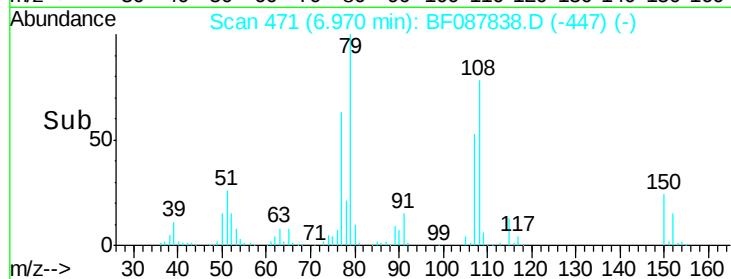
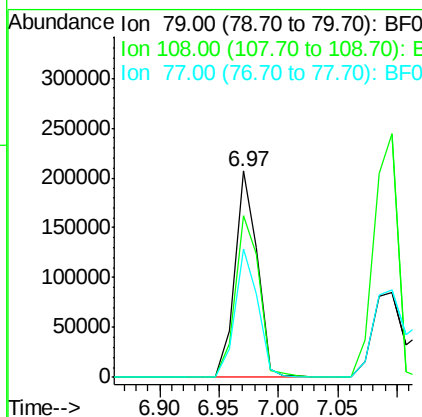
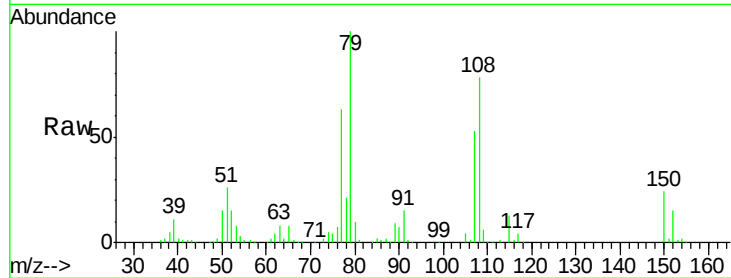
79 100

108 78.2 65.0 97.6

77 62.6 50.3 75.5

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#16

2,2'-oxybis(1-chloropropane)

Concen: 50.57 ng

RT: 7.12 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

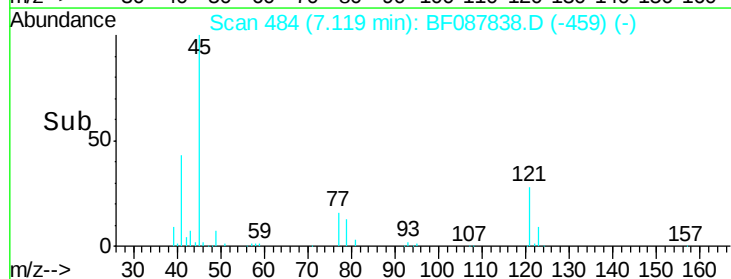
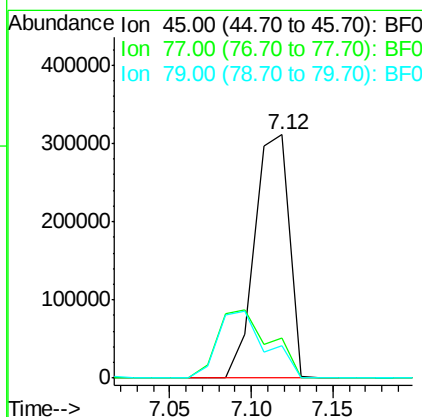
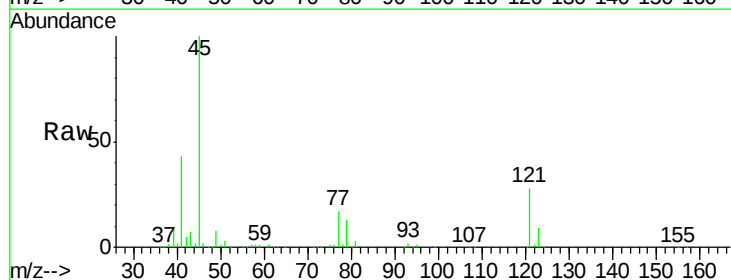
Tgt Ion: 45 Resp: 456740

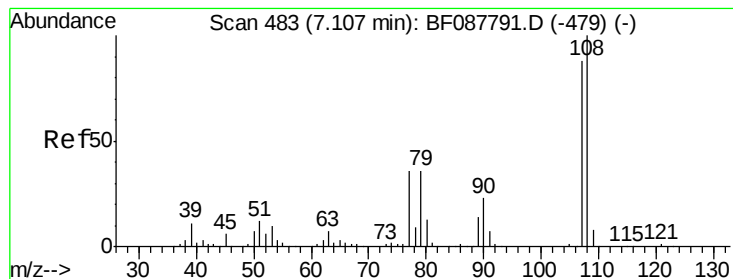
Ion Ratio Lower Upper

45 100

77 16.7 0.0 32.5

79 13.4 0.0 29.5





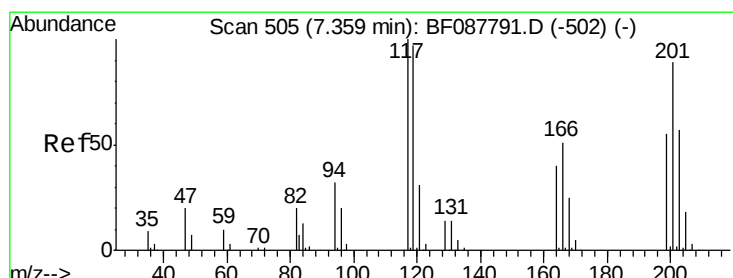
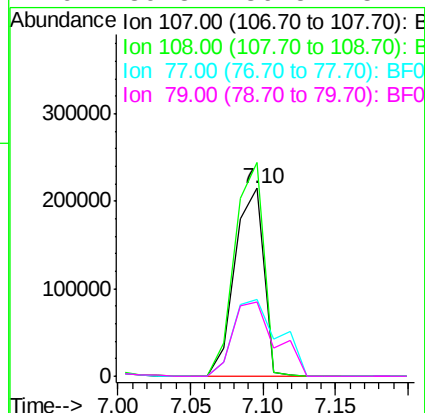
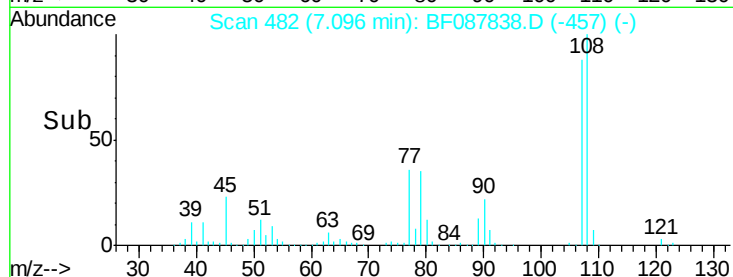
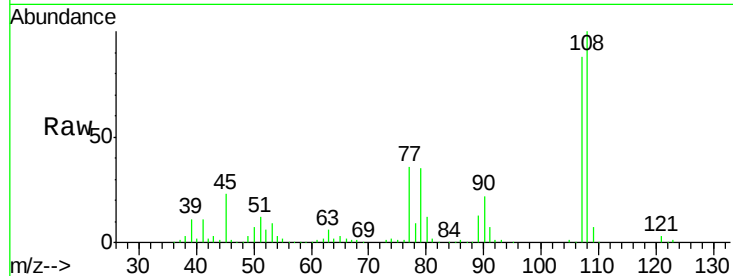
#17
2-Methylphenol
Concen: 49.18 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		296947		
108	113.9	90.9	136.3		
77	41.0	36.6	55.0		
79	39.8	36.5	54.7		

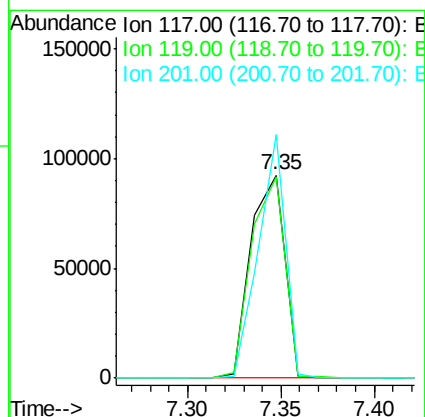
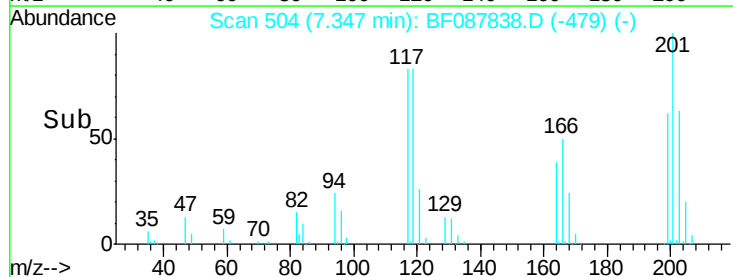
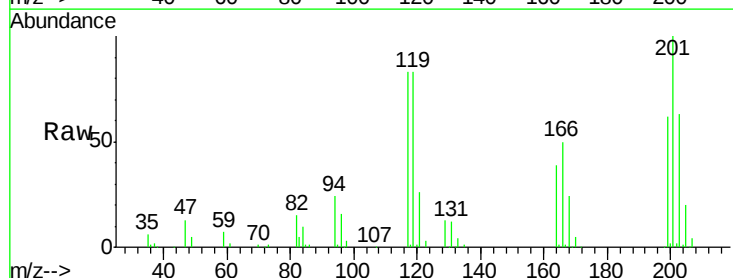
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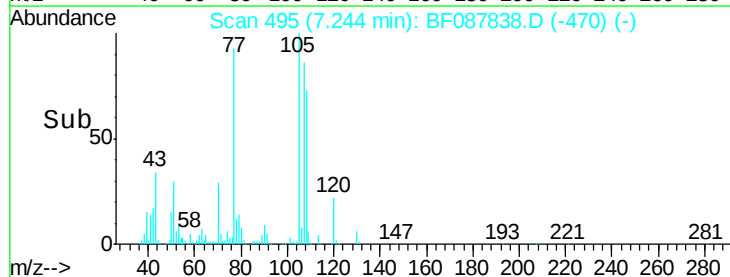
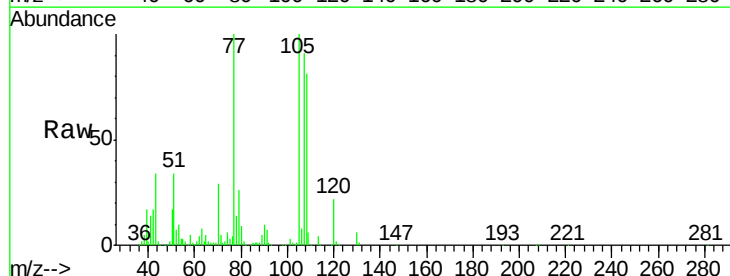
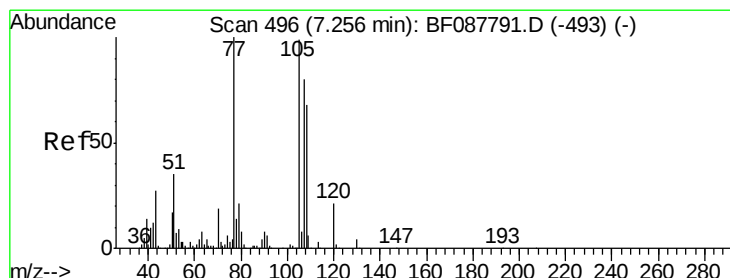
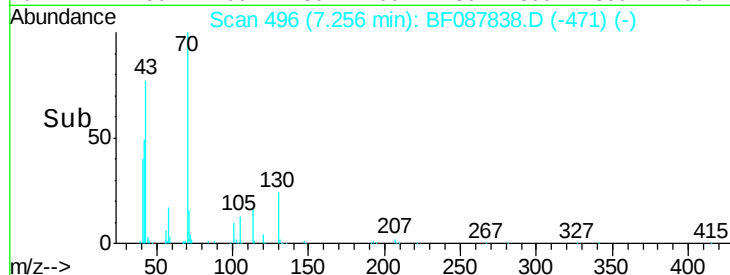
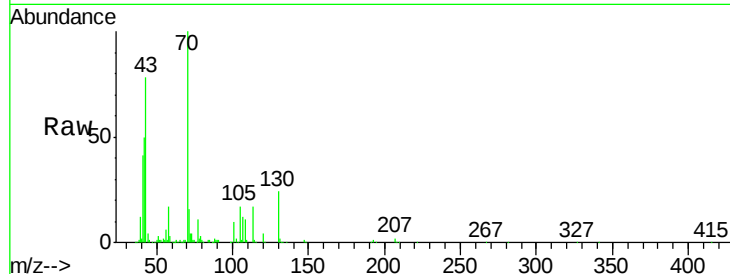
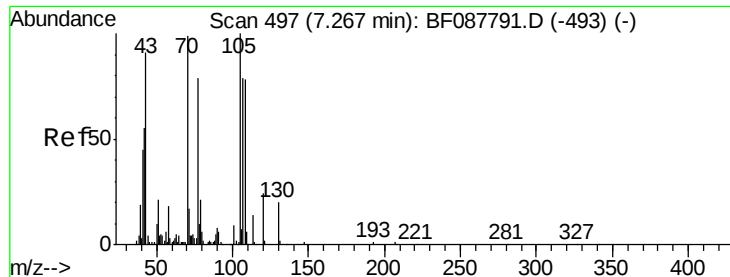
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#18
Hexachloroethane
Concen: 40.67 ng
RT: 7.35 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		116136		
119	98.9	77.4	116.2		
201	119.9	80.4	120.6		

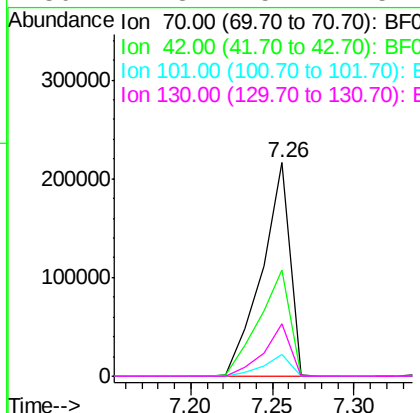




#19
n-Nitroso-di-n-propylamine
Concen: 53.35 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.5	49.6	74.4#
101	10.1	7.1	10.7
130	24.3	15.4	23.2#

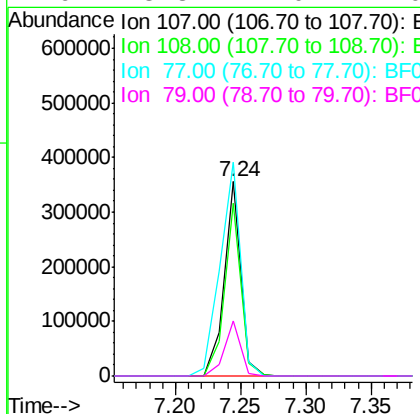


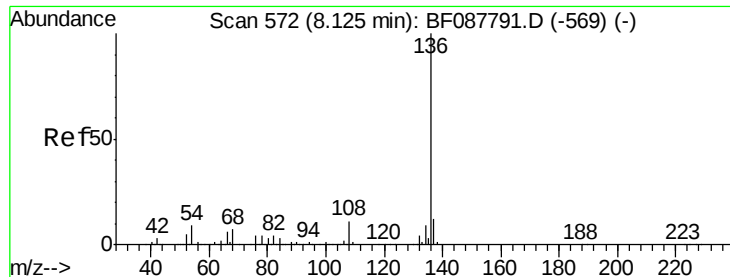
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#20
3+4-Methylphenols
Concen: 45.14 ng
RT: 7.24 min Scan# 495
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.2	67.8	107.8
77	110.0	59.3	99.3#
79	28.3	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

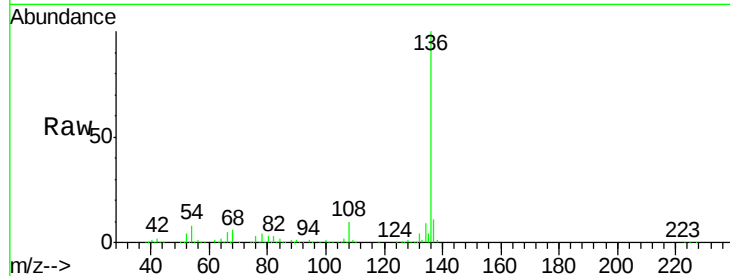
ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		419468		
137	11.3		9.1	13.7	
54	7.6		6.6	10.0	
68	6.4		5.1	7.7	

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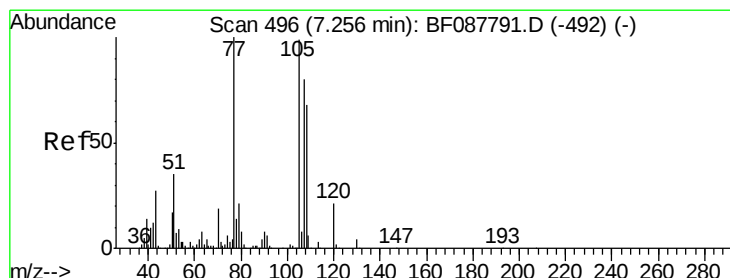
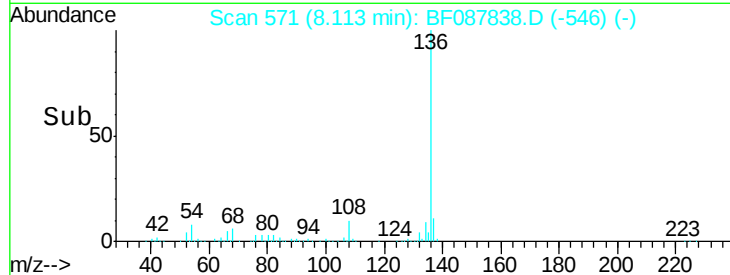
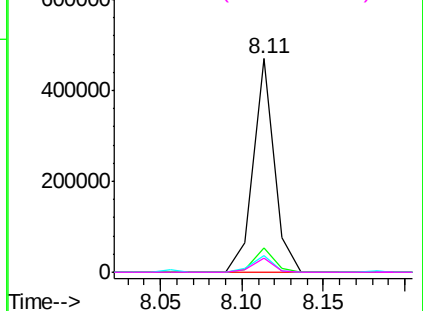


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.19 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

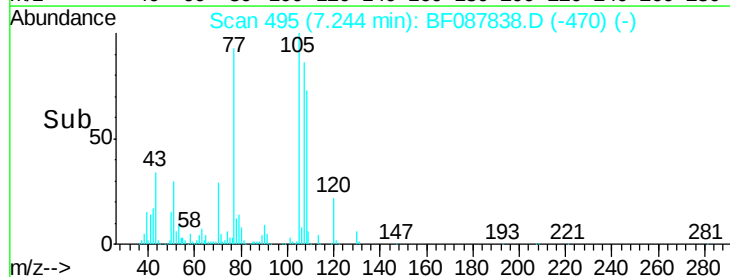
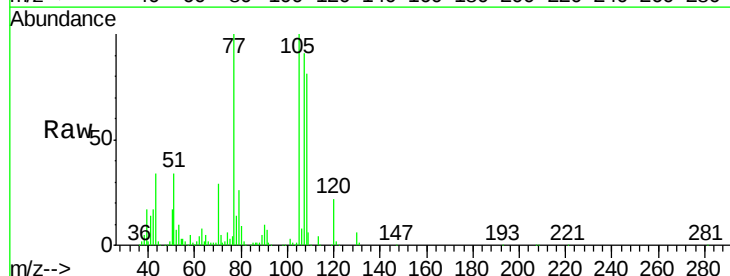
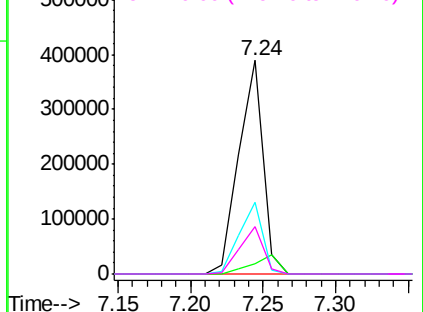
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		451712		
71	4.7		5.3	7.9#	
51	33.9		18.2	27.4#	
120	22.0		18.0	27.0	

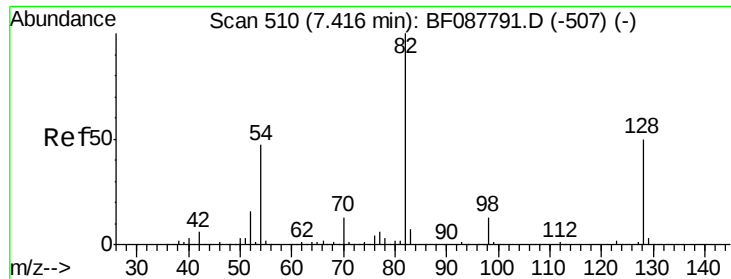
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





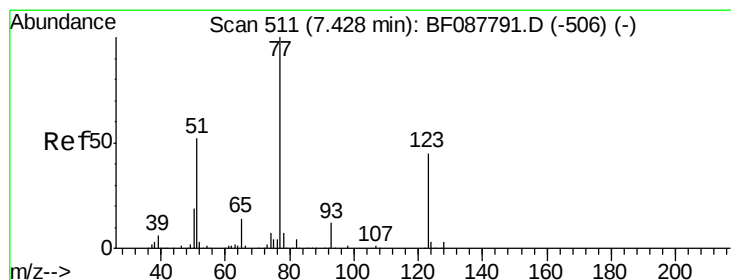
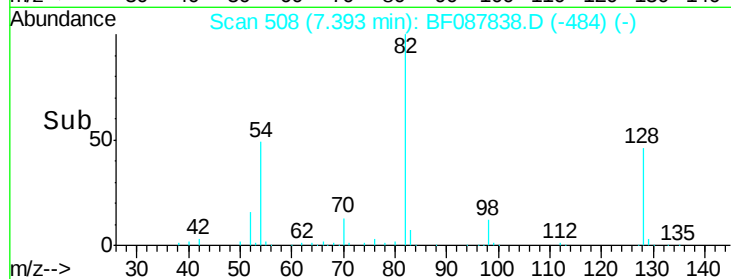
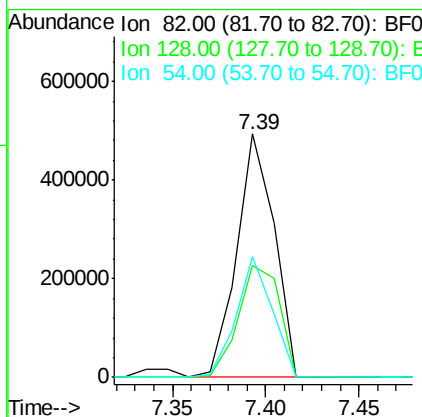
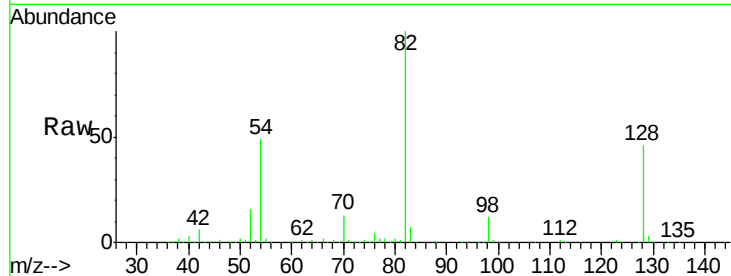
#23
 Nitrobenzene-d5
 Concen: 95.57 ng
 RT: 7.39 min Scan# 508
 Delta R.T. -0.02 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	686486		
128	46.1	35.9	53.9	
54	49.4	40.9	61.3	

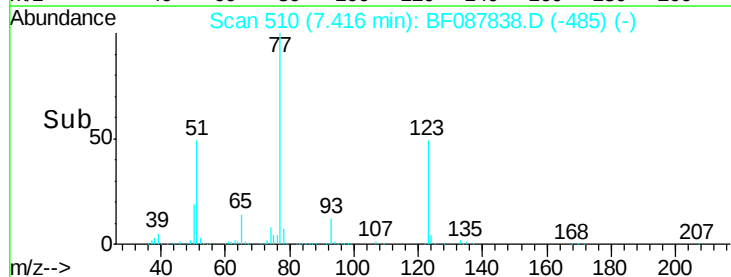
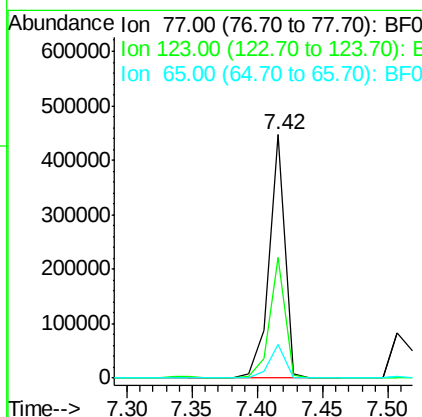
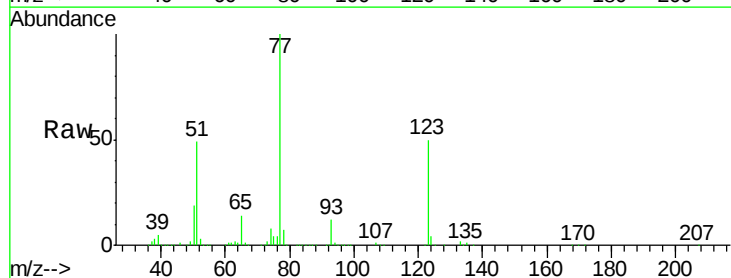
Manual Integrations
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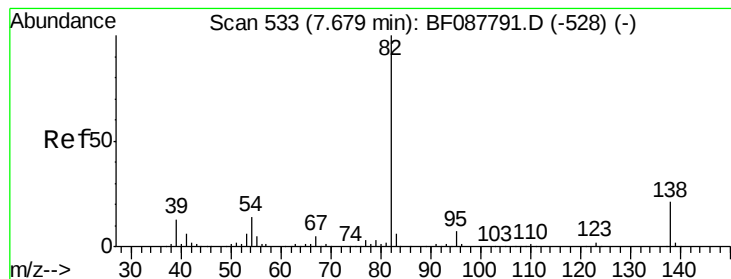
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#24
 Nitrobenzene
 Concen: 54.50 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	379197		
123	49.5	45.0	67.4	
65	13.6	10.2	15.2	





#25

Isophorone

Concen: 49.37 ng

RT: 7.66 min Scan# 531

Delta R.T. -0.02 min

Lab File: BF087838.D

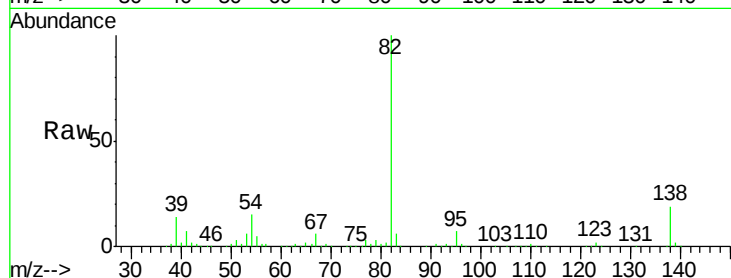
Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

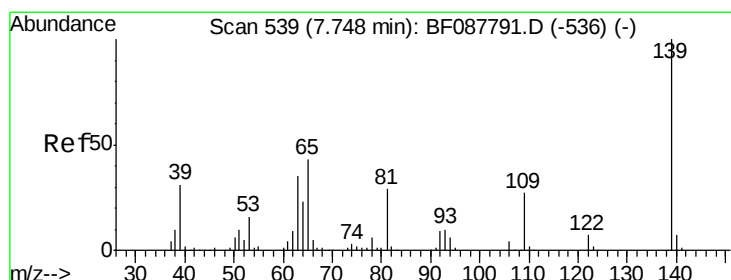
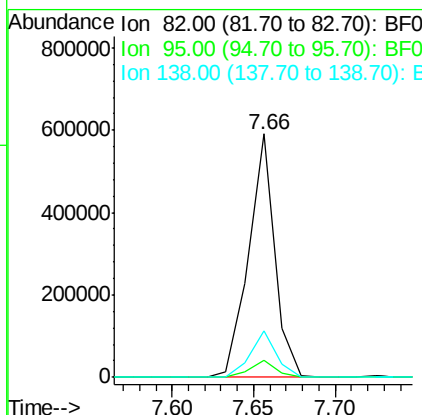
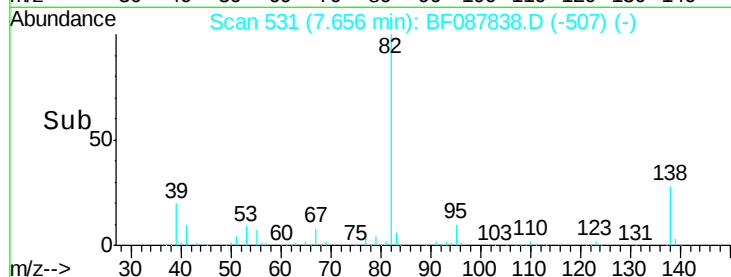
SB-13-COMP-0.5-11.0MS



Tot Ion:	82	Resp:	656930
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	19.3	14.6	21.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.51 ng

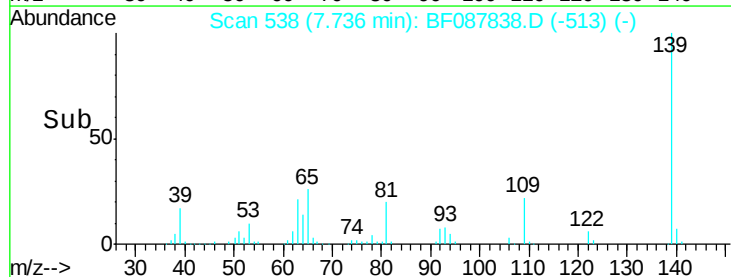
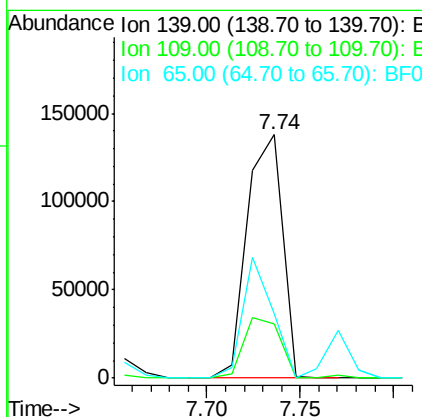
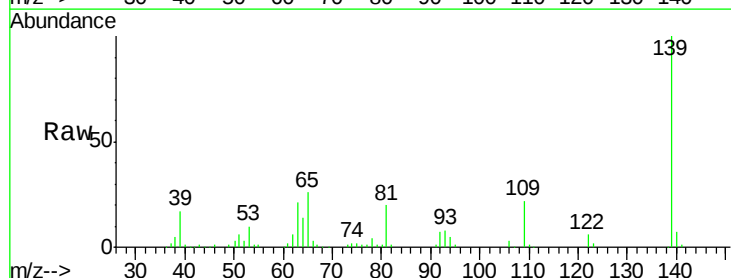
RT: 7.74 min Scan# 538

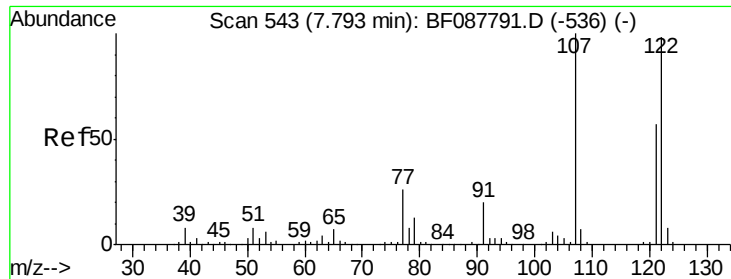
Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	139	Resp:	180806
Ion Ratio	Lower	Upper	
139	100		
109	22.0	23.0	34.4#
65	26.4	45.8	68.8#





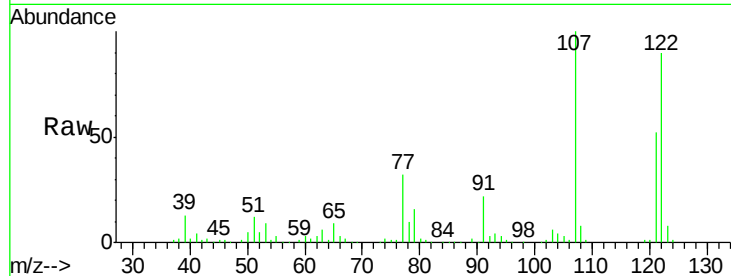
#27
2,4-Dimethylphenol
Concen: 42.41 ng
RT: 7.77 min Scan# 541
Delta R.T. -0.02 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

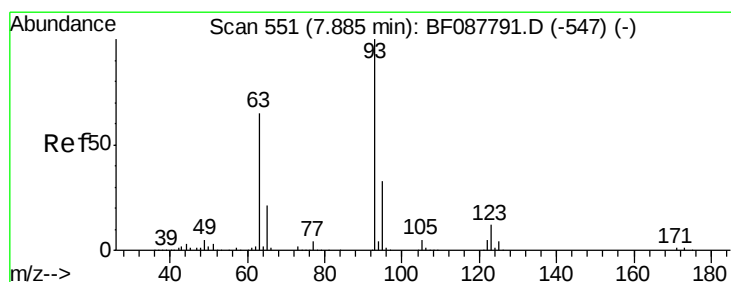
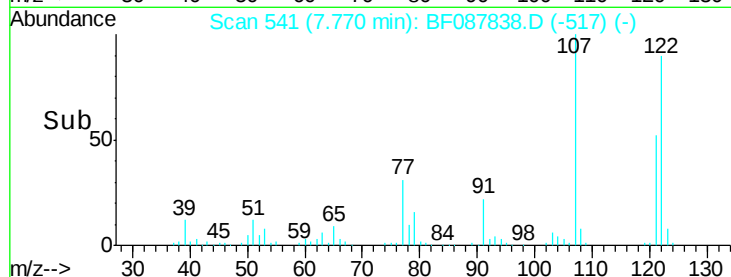
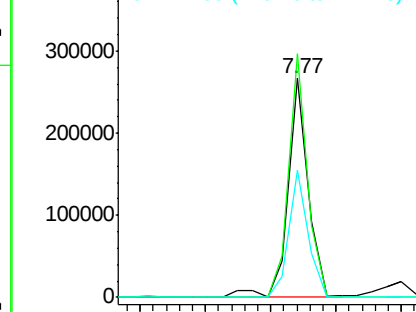
Tot Ion	Ratio	Resp	Lower	Upper
122	100	291088		
107	111.3	82.4	123.6	
121	58.2	46.3	69.5	

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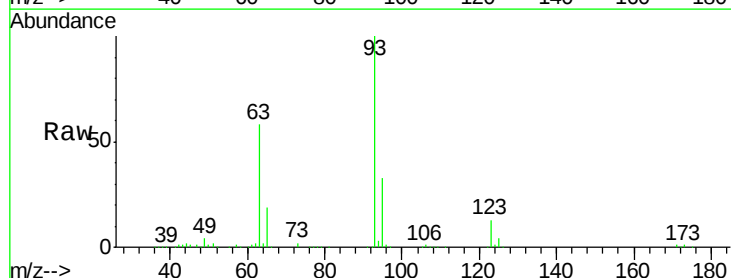


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

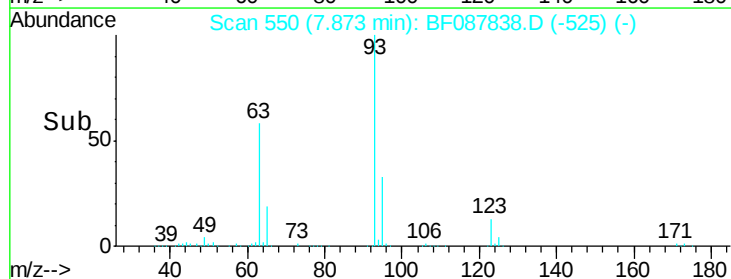
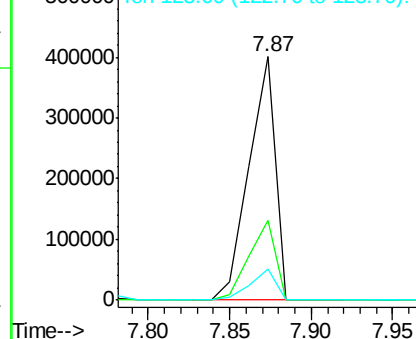


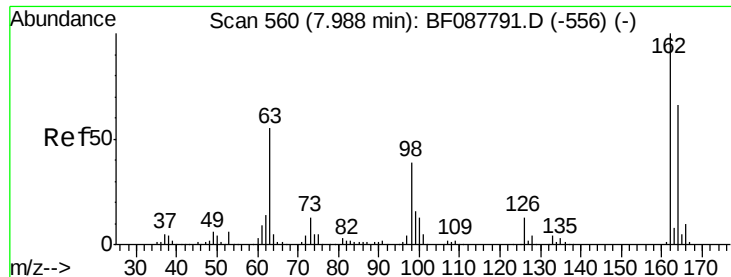
#28
bis(2-Chloroethoxy)methane
Concen: 54.28 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	447926		
95	32.9	26.5	39.7	
123	12.6	11.6	17.4	



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





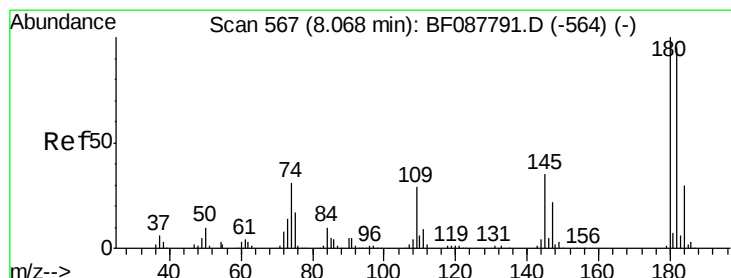
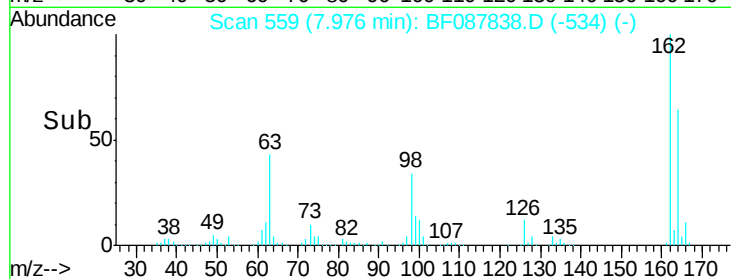
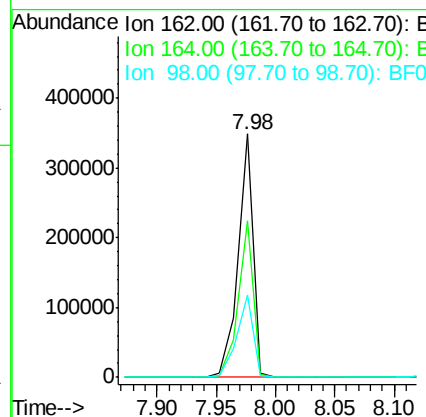
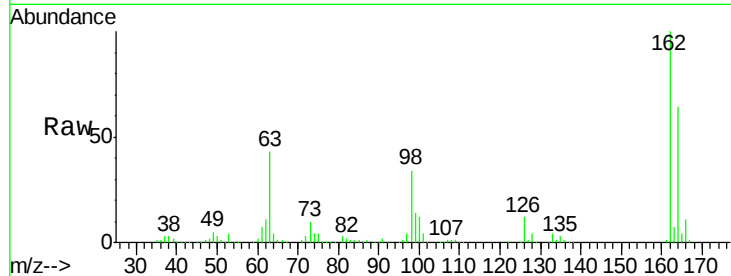
#29
 2,4-Dichlorophenol
 Concen: 53.64 ng
 RT: 7.98 min Scan# 559
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.4	43.8	83.8
98	33.6	21.3	61.3

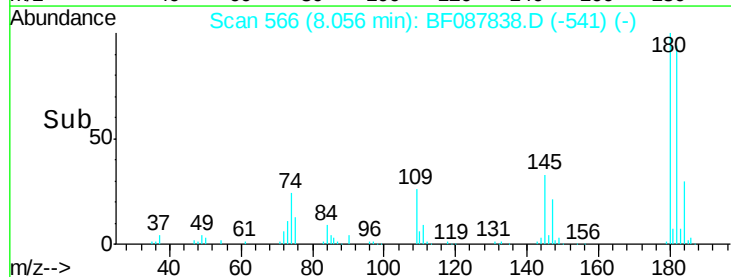
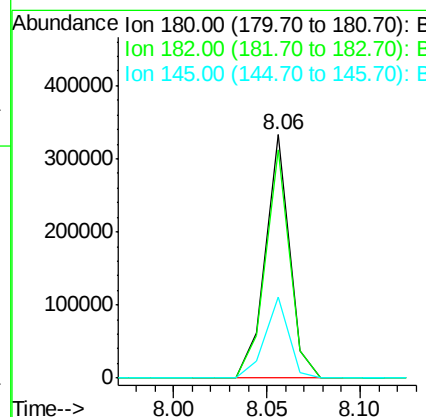
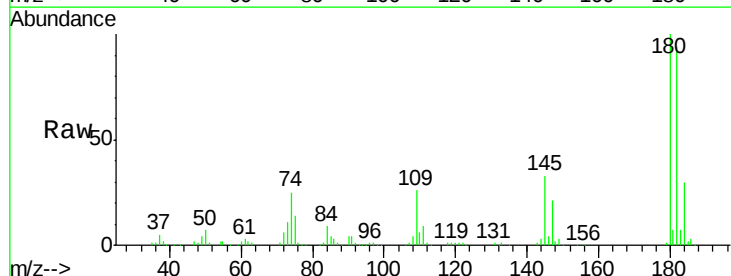
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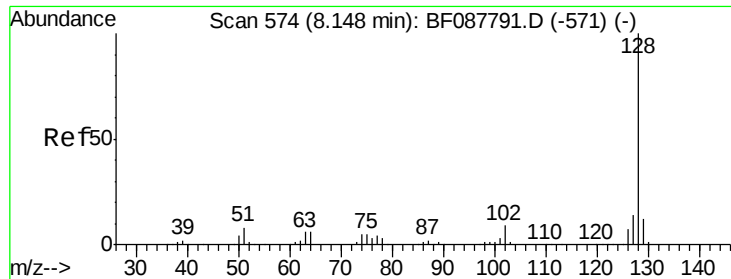
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#30
 1,2,4-Trichlorobenzene
 Concen: 47.64 ng
 RT: 8.06 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	93.8	76.0	114.0
145	33.3	26.5	39.7





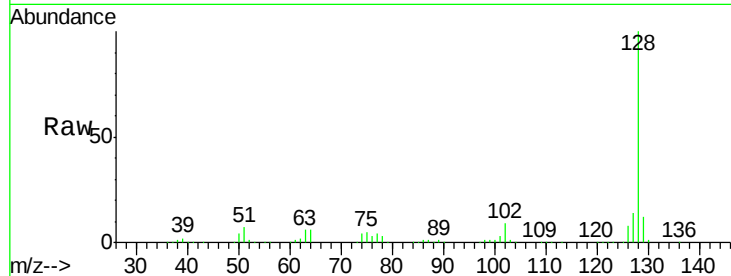
#31
Naphthalene
Concen: 46.03 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

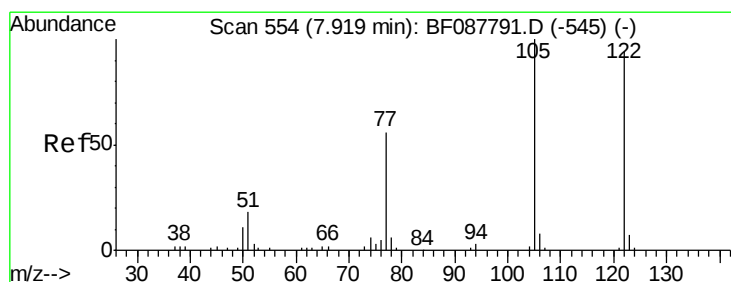
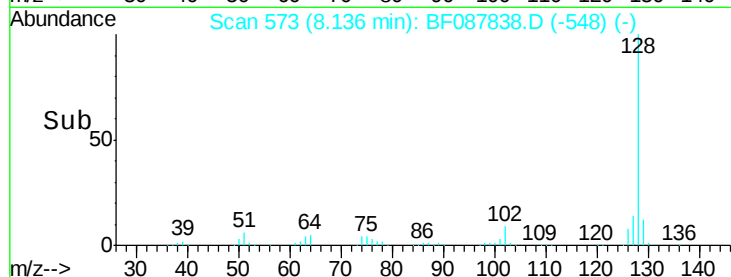
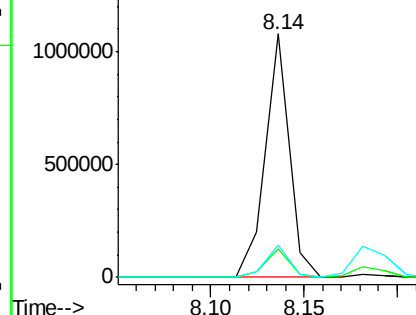
Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.6	10.9	16.3

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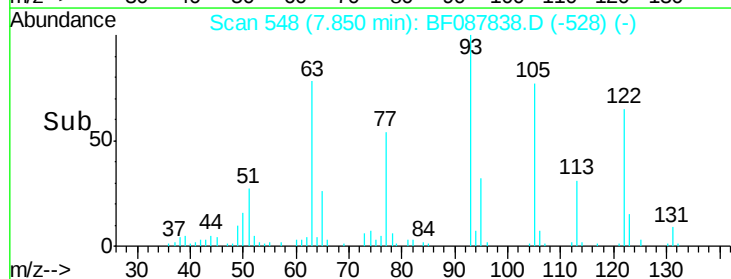
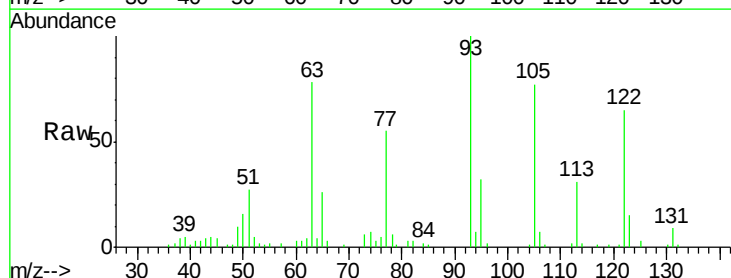
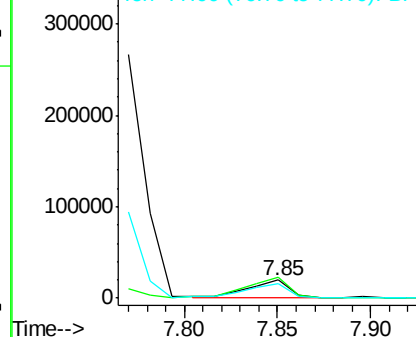
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 7.69 ng
RT: 7.85 min Scan# 548
Delta R.T. -0.07 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	118.8	101.6	141.6
77	84.9	70.6	110.6

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





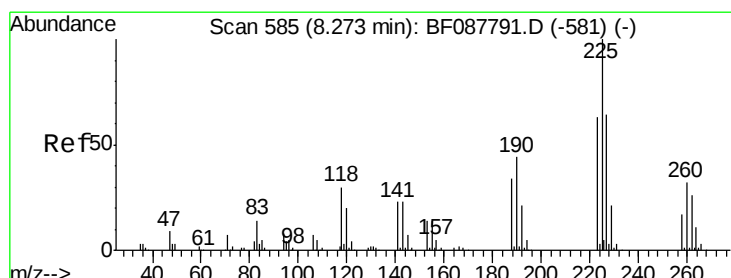
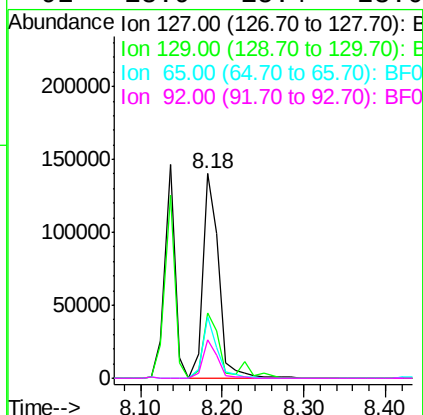
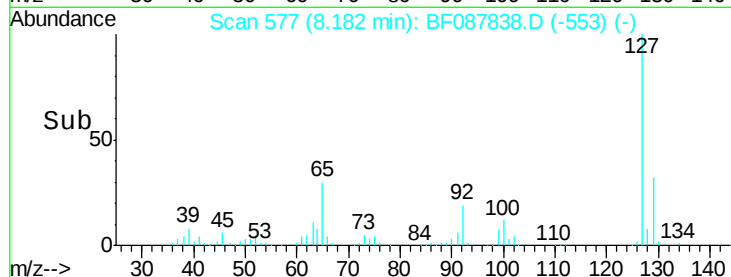
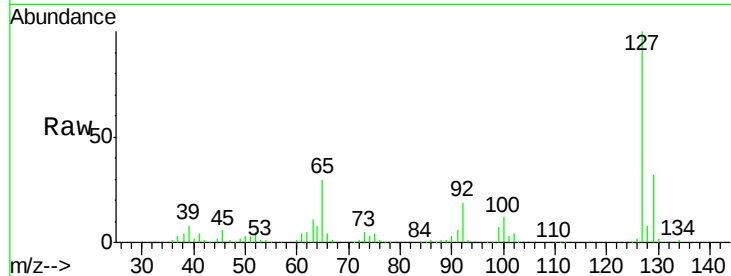
#33
4-Chloroaniline
Concen: 20.84 ng
RT: 8.18 min Scan# 577
Delta R.T. -0.02 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.0	26.3	39.5		
65	30.2	24.7	37.1		
92	18.9	15.4	23.0		

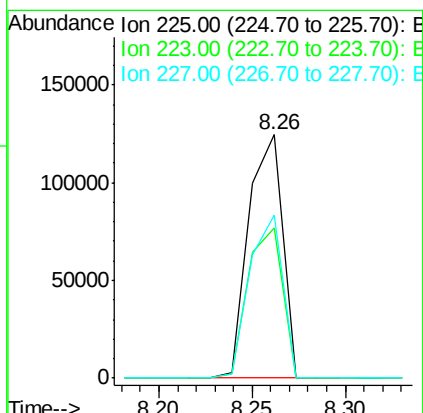
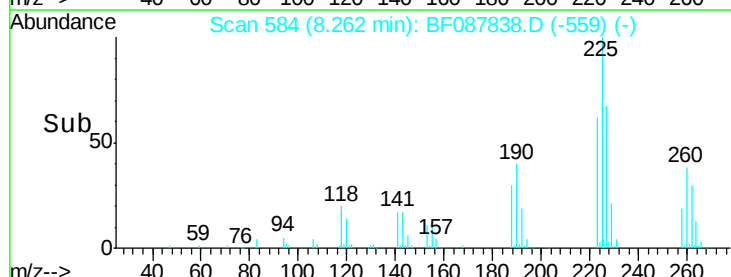
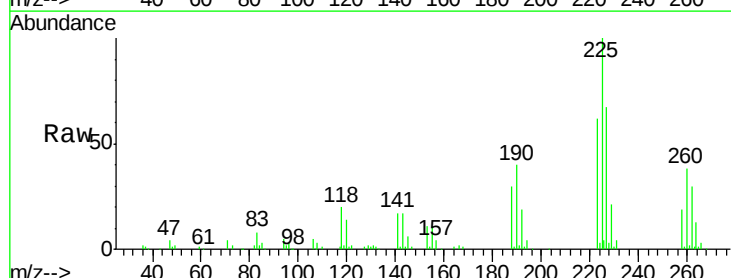
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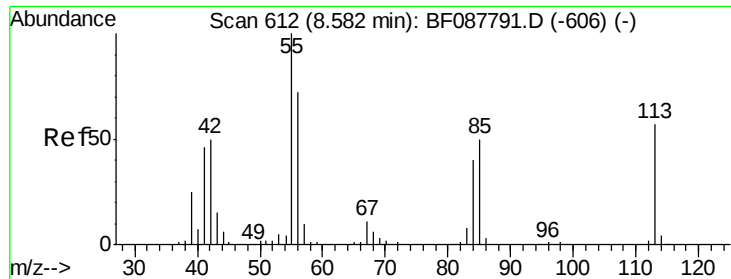
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#34
Hexachlorobutadiene
Concen: 47.45 ng
RT: 8.26 min Scan# 584
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.9	50.9	76.3		
227	66.9	51.9	77.9		





#35

Caprolactam

Concen: 44.88 ng

RT: 8.56 min Scan# 610

Delta R.T. -0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

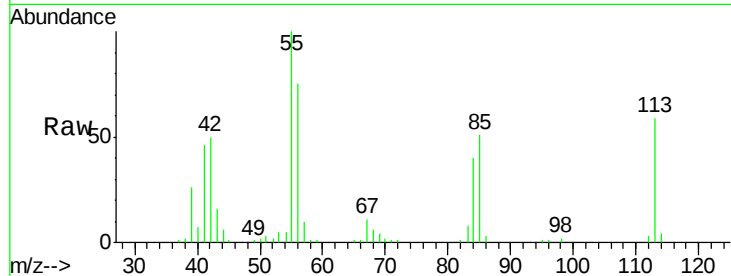
ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion:	113	Resp:	85180
Ion Ratio	Lower	Upper	
113	100		
55	168.5	158.6	198.6
56	127.0	110.6	150.6

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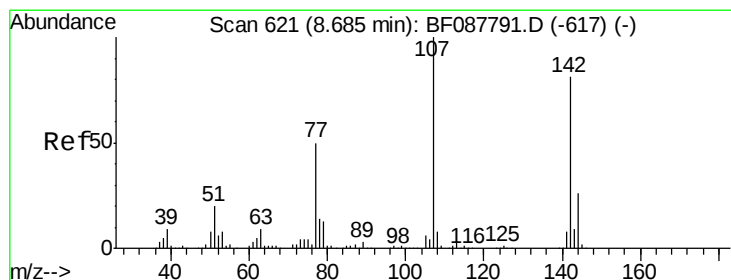
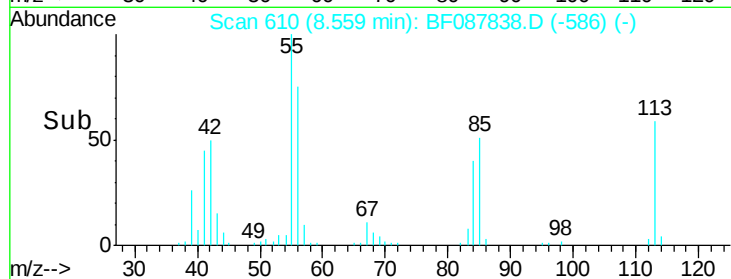
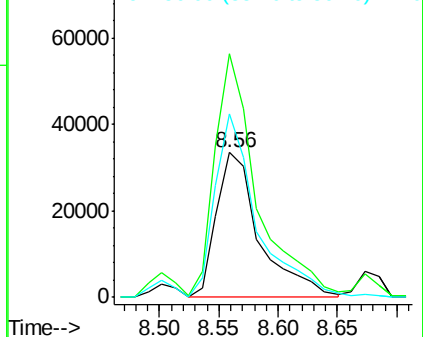
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.00 ng

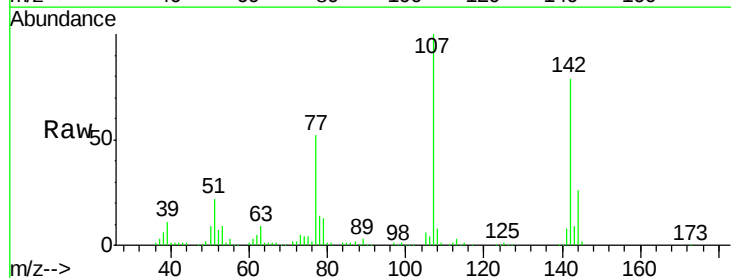
RT: 8.67 min Scan# 620

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

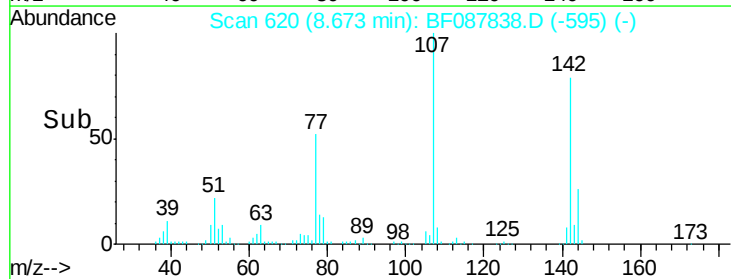
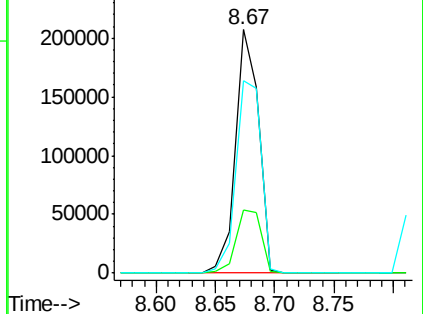
Tgt Ion:	107	Resp:	281893
Ion Ratio	Lower	Upper	
107	100		
144	25.7	20.8	31.2
142	79.0	63.4	95.2

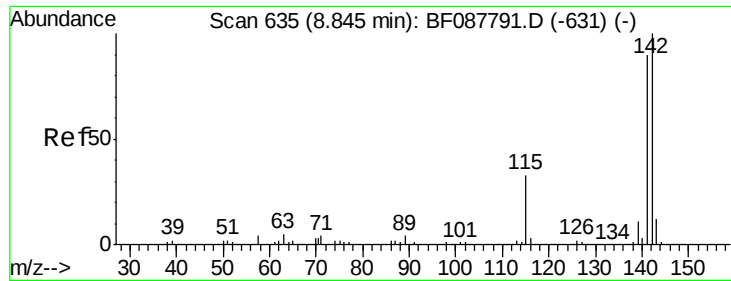


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





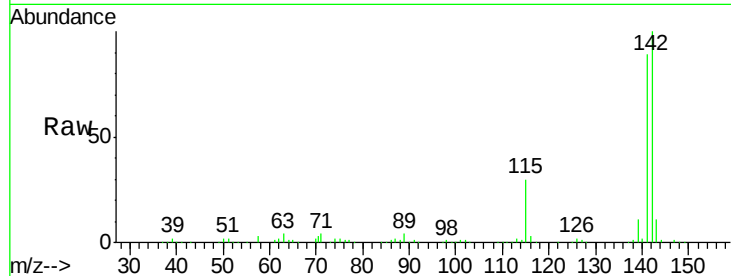
#37
2-Methylnaphthalene
Concen: 47.52 ng
RT: 8.83 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

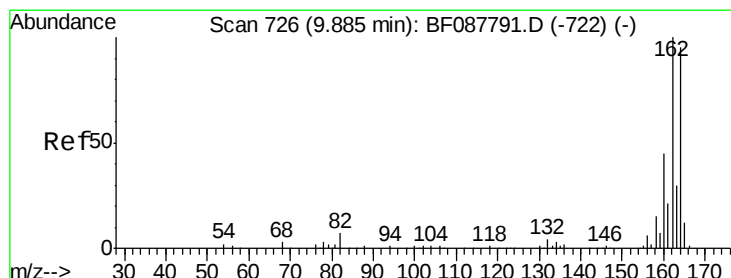
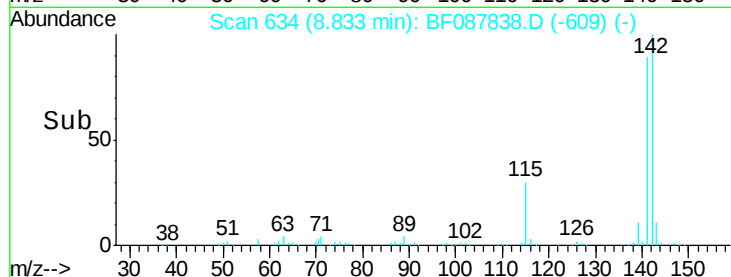
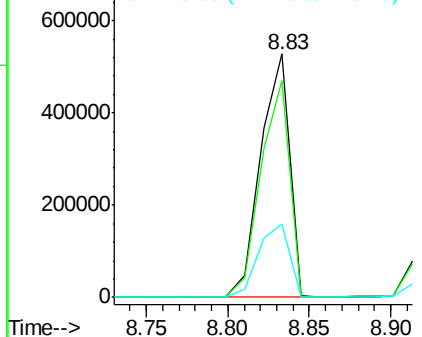
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.0	106.6
115	30.0	22.6	33.8

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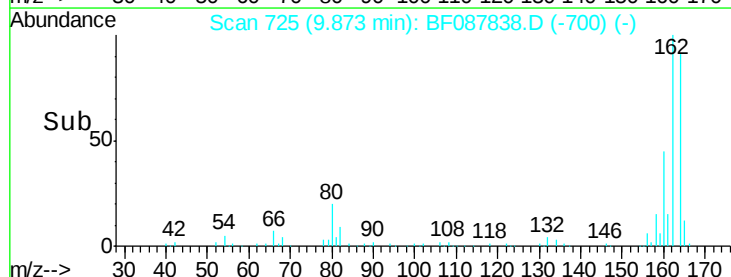
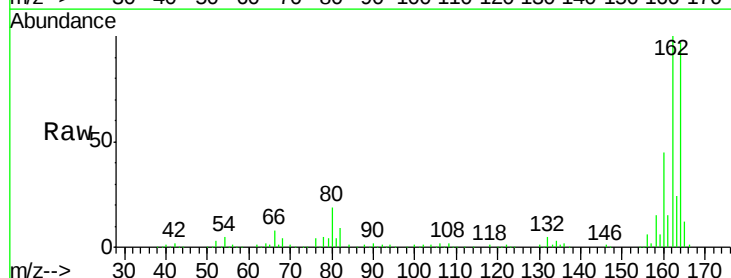
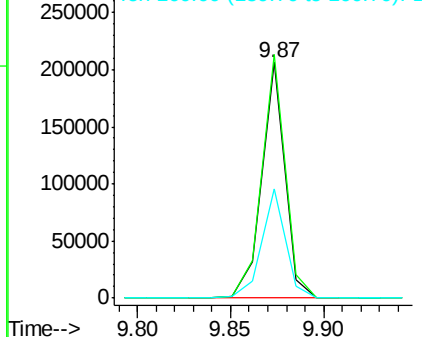
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	85.4	128.2
160	46.5	39.5	59.3

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





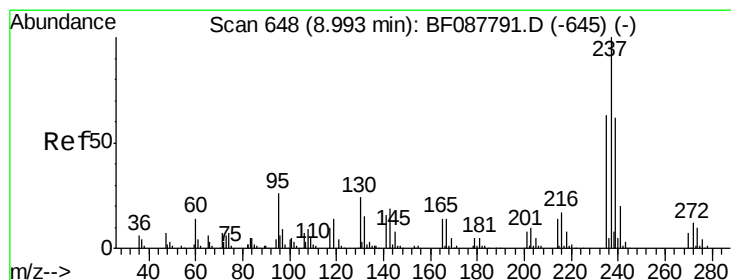
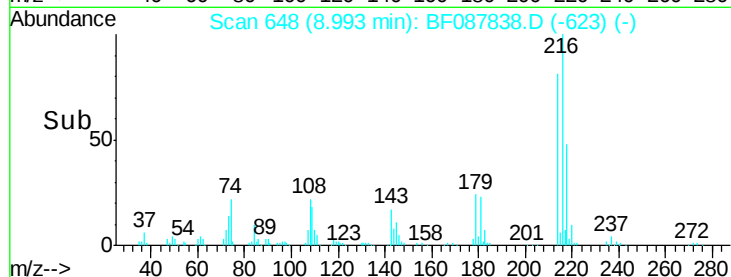
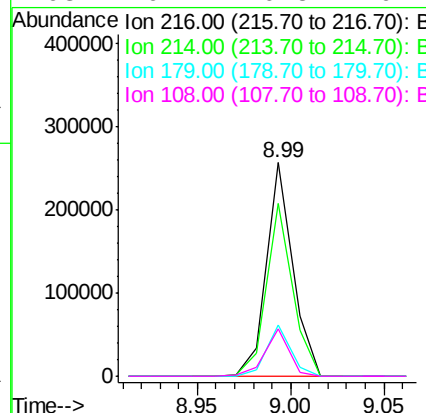
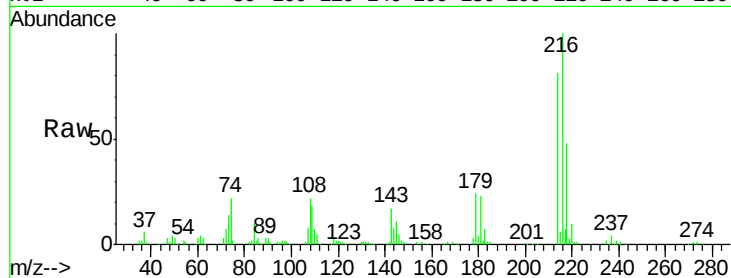
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 63.40 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ion	Ratio	Resp Lower	Upper
216	100			
214	80.0	2.9	4.3#	
179	22.4	0.0	0.0#	
108	20.1	0.5	0.7#	

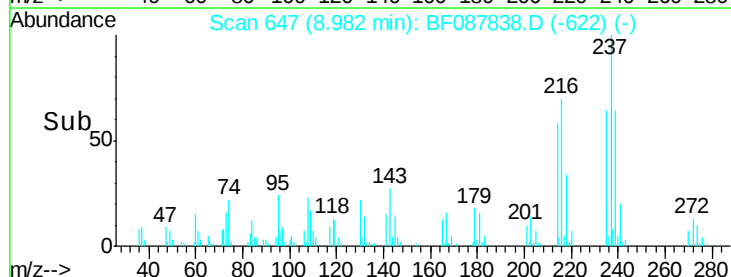
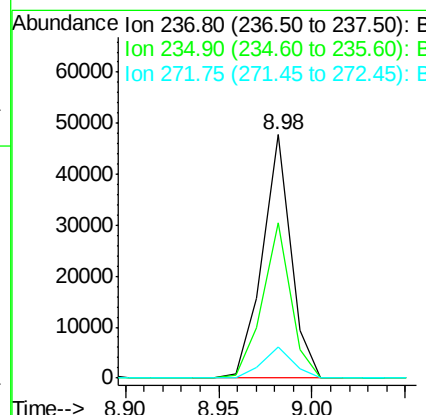
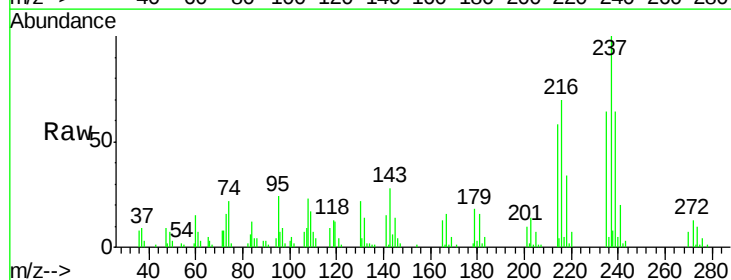
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#40
 Hexachlorocyclopentadiene
 Concen: 17.81 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ion	Ratio	Resp Lower	Upper
237	100			
235	63.7	43.4	83.4	
272	12.5	0.0	32.3	





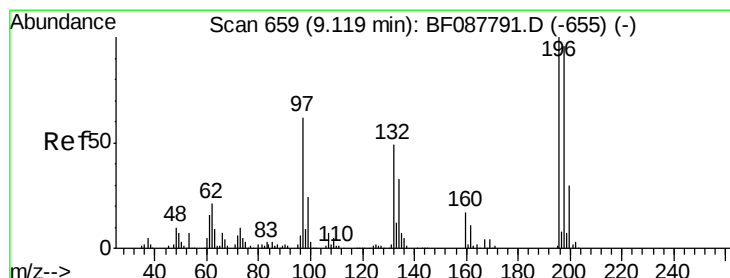
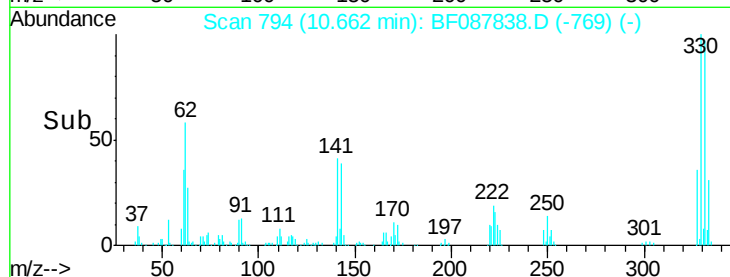
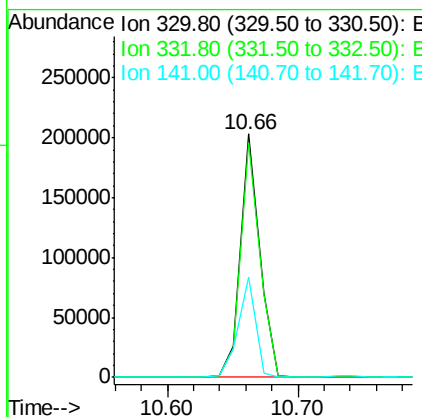
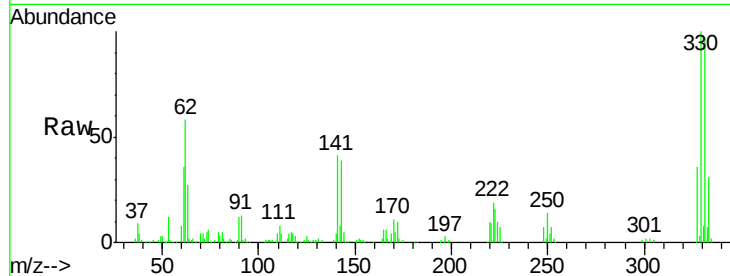
#41
 2,4,6-Tribromophenol
 Concen: 111.76 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	37.4	0.0	0.0#

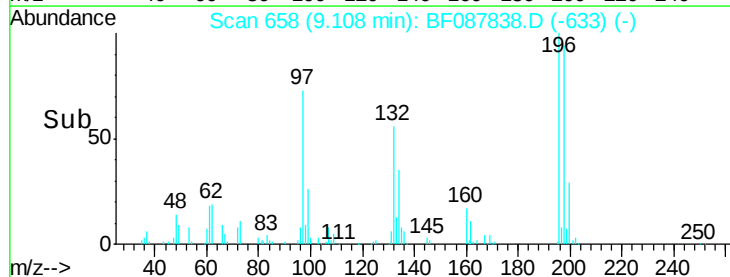
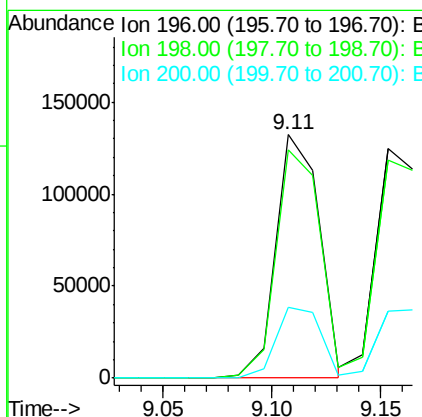
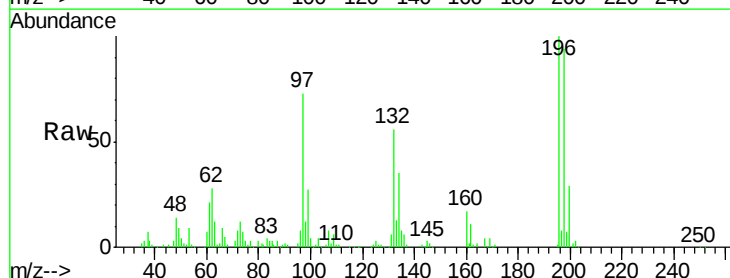
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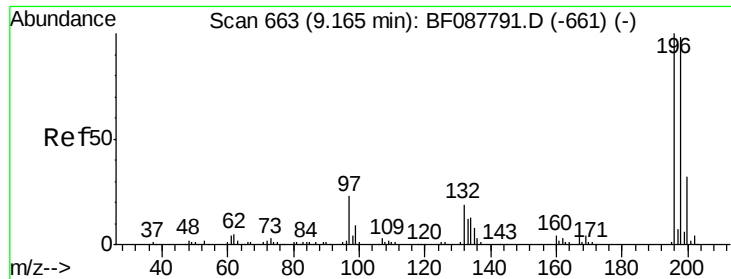
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#42
 2,4,6-Trichlorophenol
 Concen: 52.44 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	93.5	78.0	117.0
200	29.2	25.4	38.2





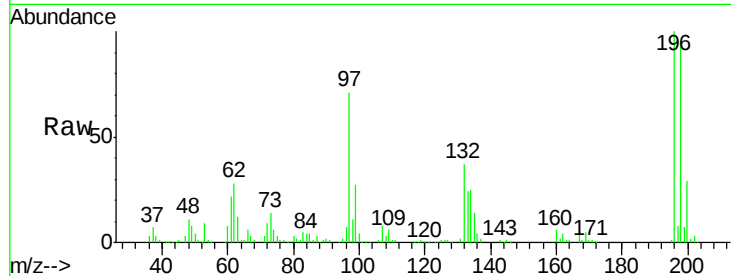
#43
 2,4,5-Trichlorophenol
 Concen: 47.40 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173388		
198	95.0	77.5	116.3	
97	71.0	32.0	48.0	
132	37.3	20.9	31.3	

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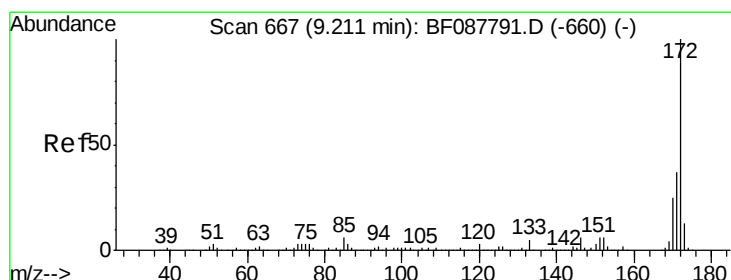
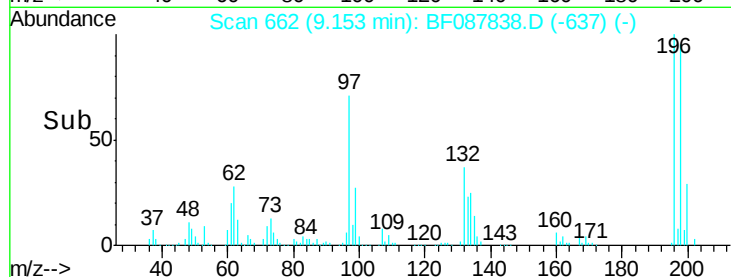
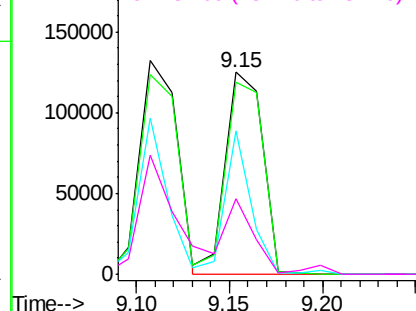
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.28 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

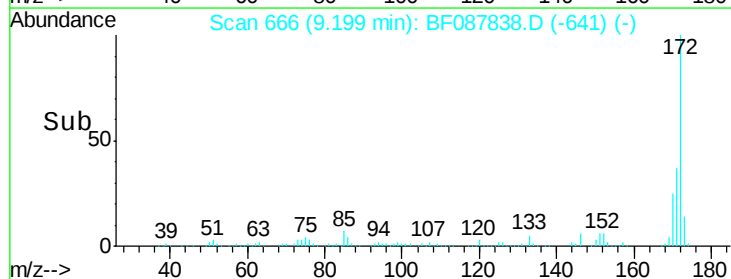
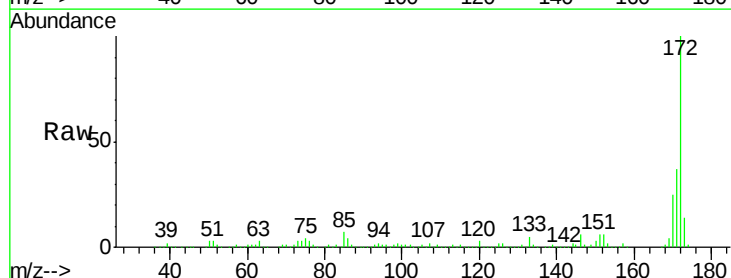
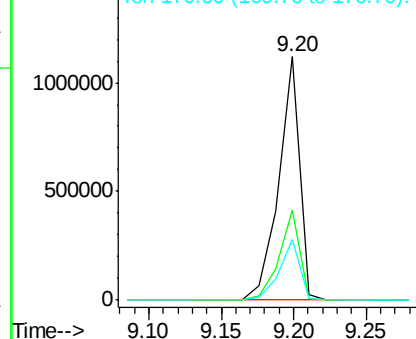
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1111231		
171	36.8	28.6	43.0	
170	24.8	19.2	28.8	

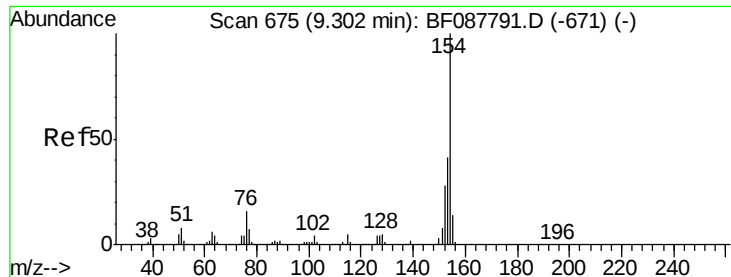
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 59.47 ng

RT: 9.30 min Scan# 675

Delta R.T. 0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

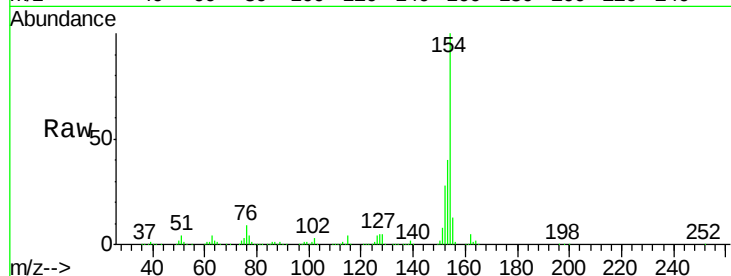
ClientSampleId :

SB-13-COMP-0.5-11.0MS

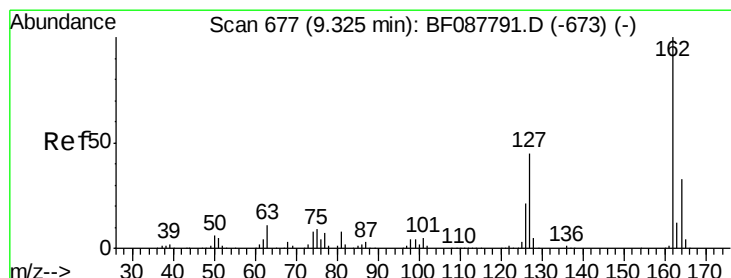
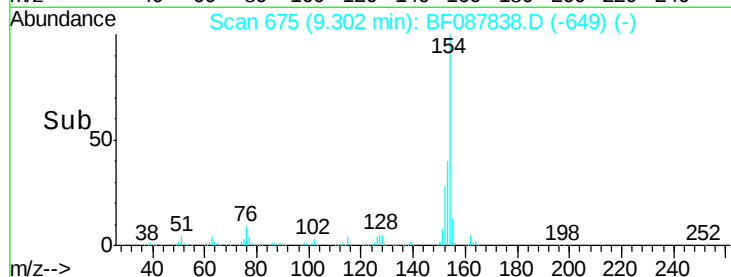
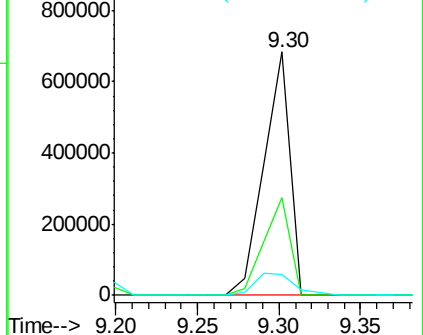
Tot Ion:	154	Resp:	758474
Ion Ratio	Lower	Upper	
154	100		
153	40.3	20.6	60.6
76	8.8	0.0	35.1

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.86 ng

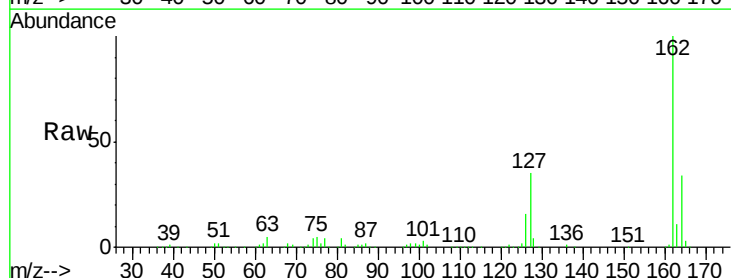
RT: 9.32 min Scan# 677

Delta R.T. -0.00 min

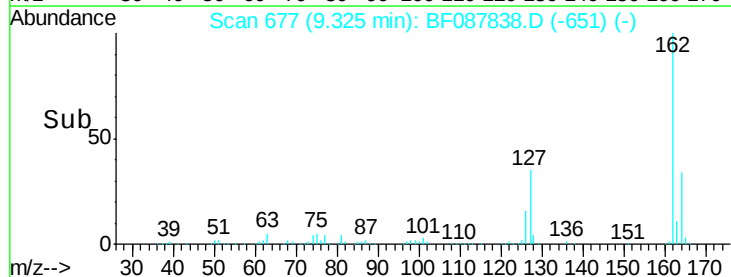
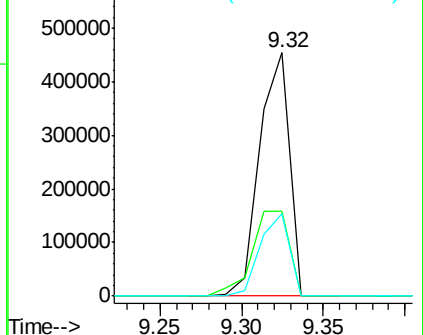
Lab File: BF087838.D

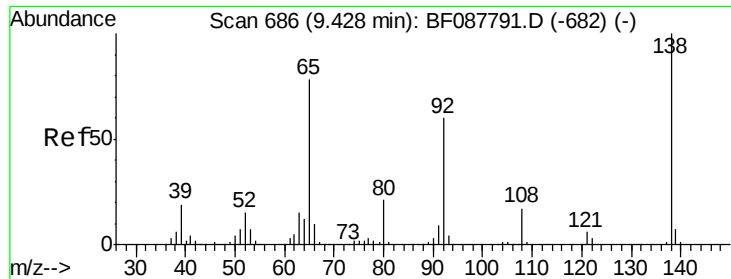
Acq: 9 Jun 2016 7:13

Tgt Ion:	162	Resp:	578634
Ion Ratio	Lower	Upper	
162	100		
127	34.7	35.2	52.8#
164	33.9	26.6	39.8



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





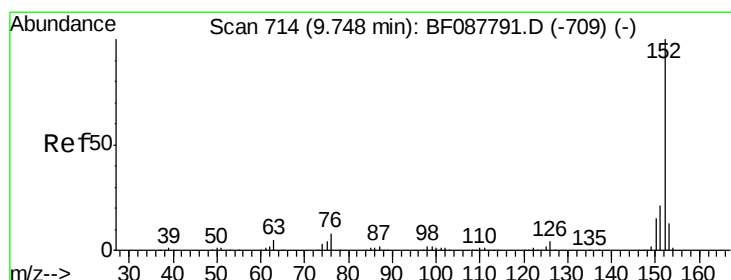
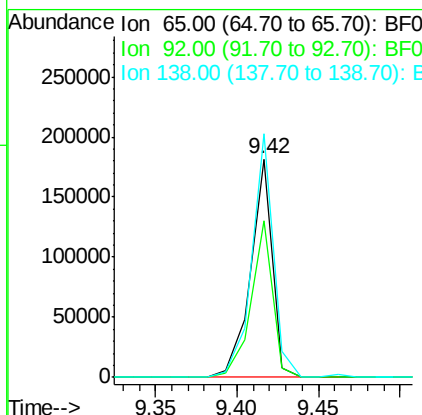
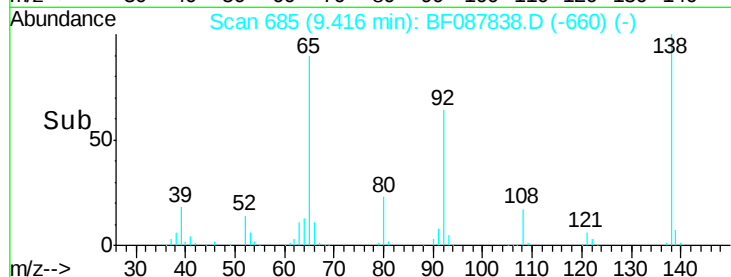
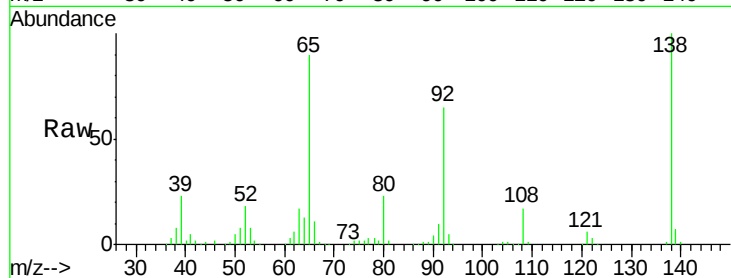
#47
 2-Nitroaniline
 Concen: 49.86 ng
 RT: 9.42 min Scan# 685
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.9	54.6	82.0
138	111.4	77.0	115.4

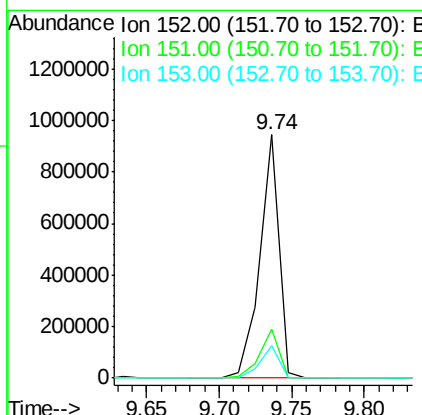
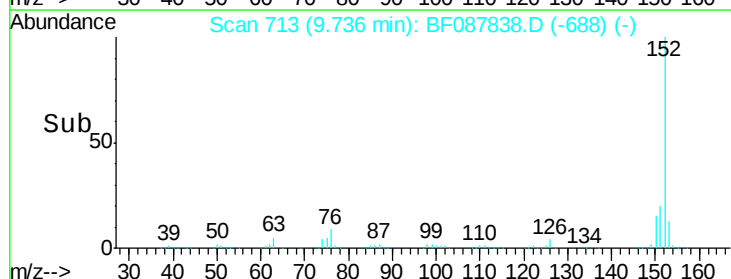
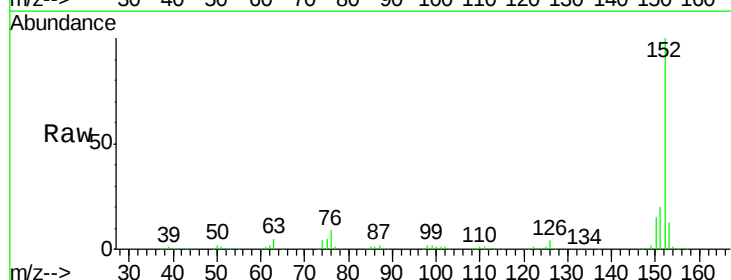
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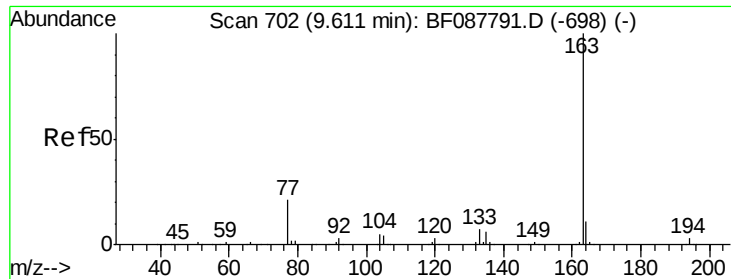
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#48
 Acenaphthylene
 Concen: 47.85 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.5	11.0	16.6





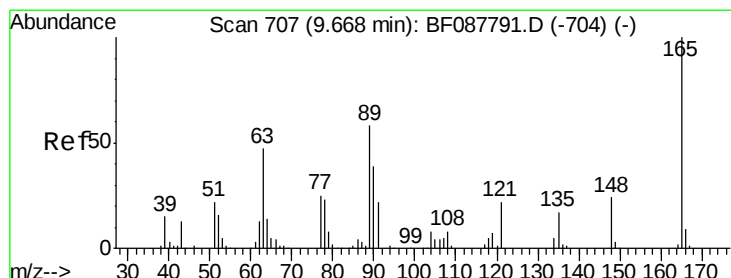
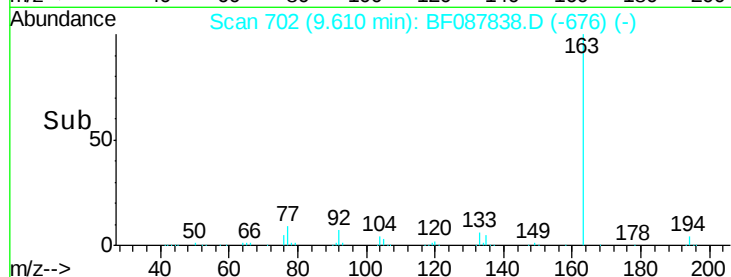
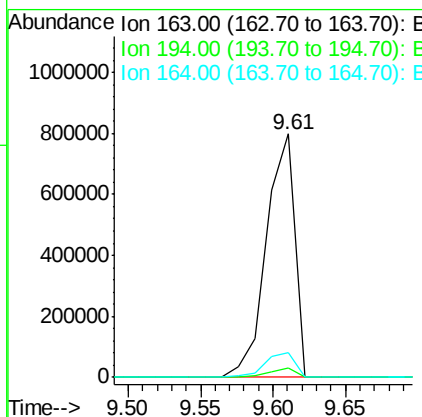
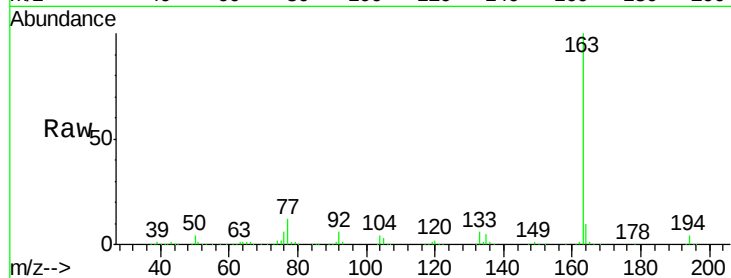
#49
Dimethylphthalate
Concen: 84.82 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion:163 Resp: 1080313
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.0 8.3 12.5

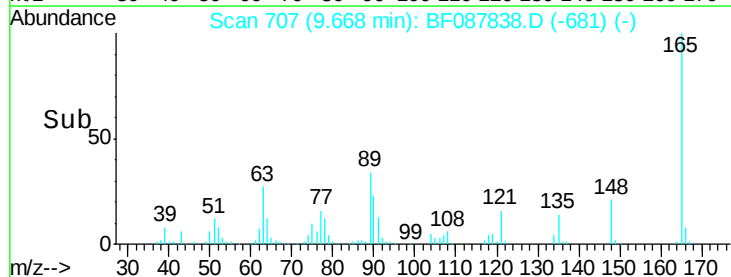
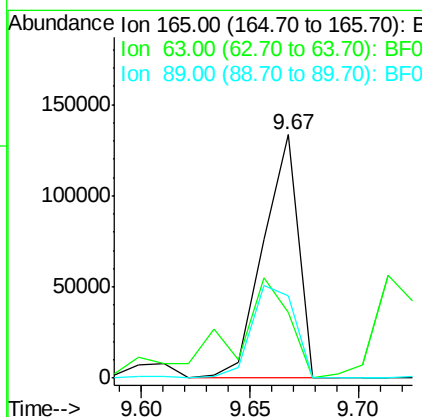
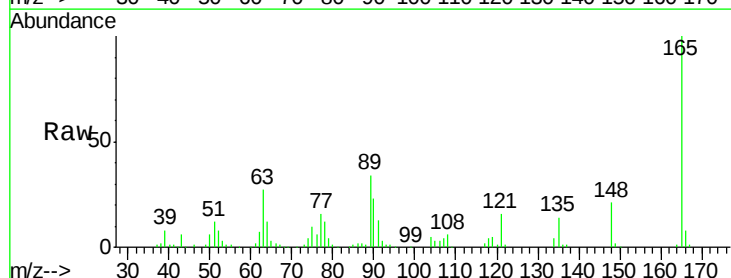
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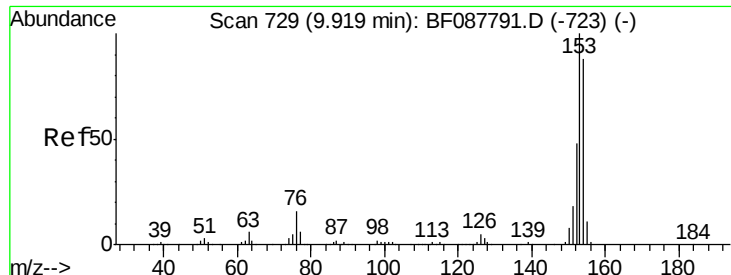
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#50
2,6-Dinitrotoluene
Concen: 51.82 ng
RT: 9.67 min Scan# 707
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion:165 Resp: 151157
Ion Ratio Lower Upper
165 100
63 27.0 28.1 42.1#
89 33.8 32.2 48.2





#51

Acenaphthene

Concen: 44.71 ng

RT: 9.91 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

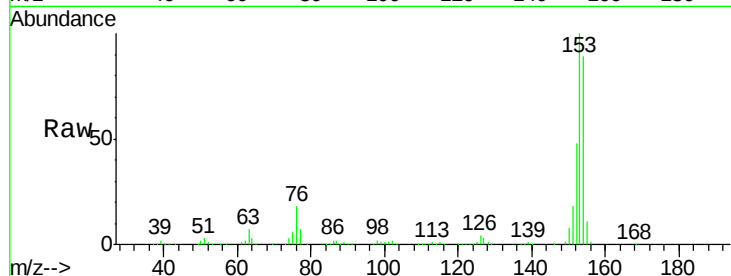
ClientSampleId :

SB-13-COMP-0.5-11.0MS

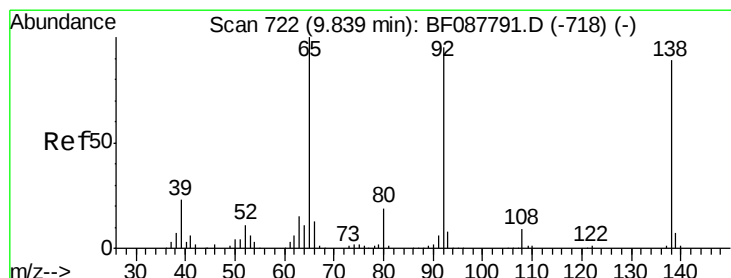
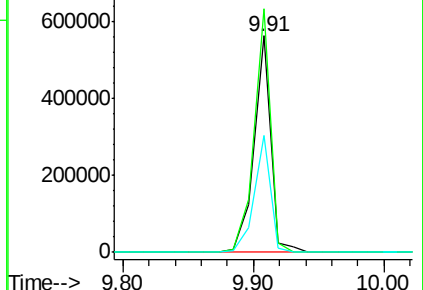
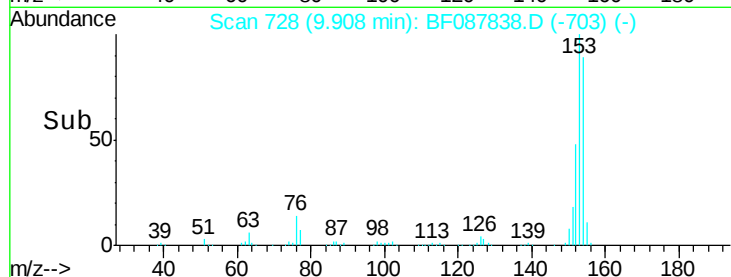
Tot Ion:	154	Resp:	504807
Ion Ratio	Lower	Upper	
154	100		
153	112.5	89.5	134.3
152	53.8	42.7	64.1

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



#52

3-Nitroaniline

Concen: 38.37 ng

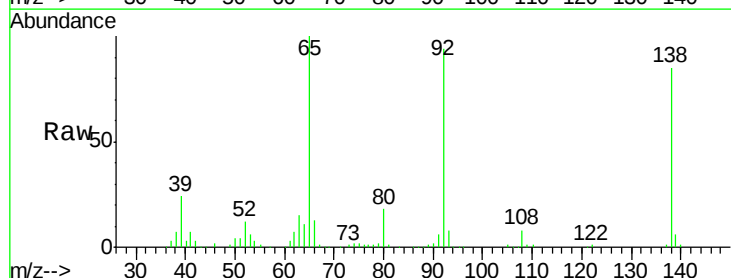
RT: 9.83 min Scan# 721

Delta R.T. -0.01 min

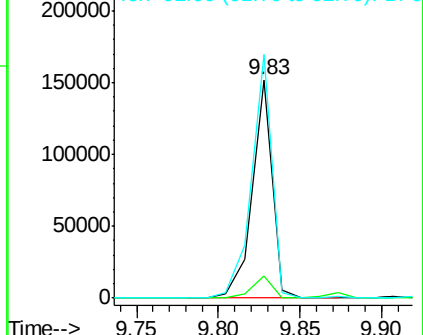
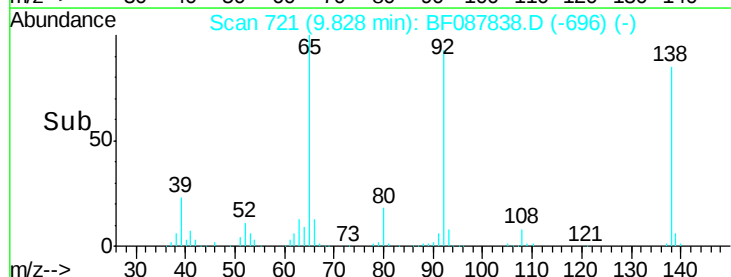
Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	138	Resp:	129138
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.5	12.7
92	111.7	95.7	143.5



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





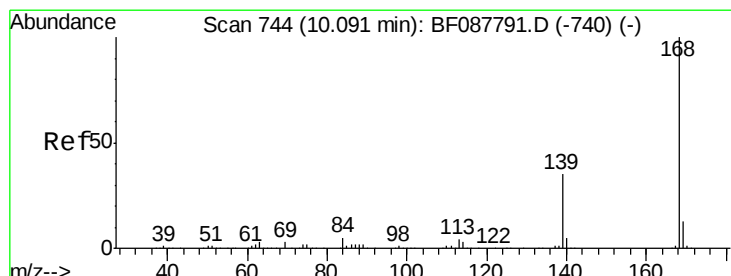
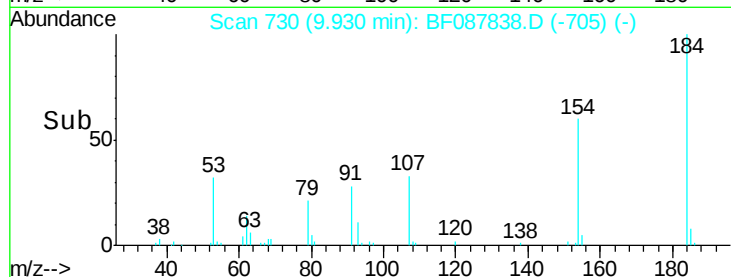
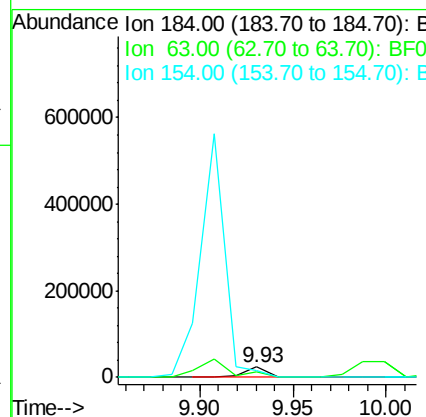
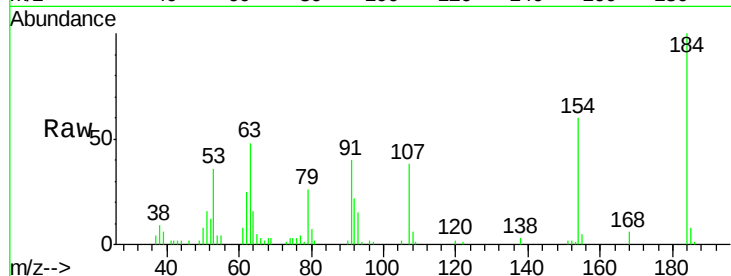
#53
 2,4-Dinitrophenol
 Concen: 17.85 na
 RT: 9.93 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	20323		
63	48.0		57.6	86.4#
154	60.3		53.5	80.3

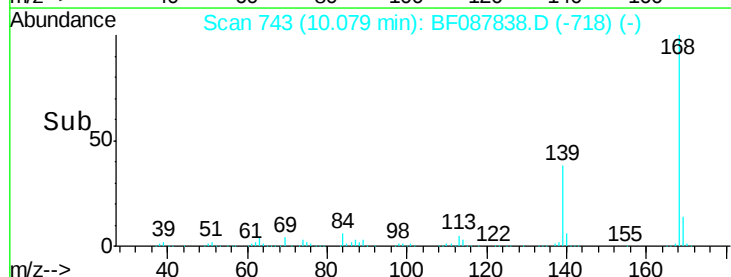
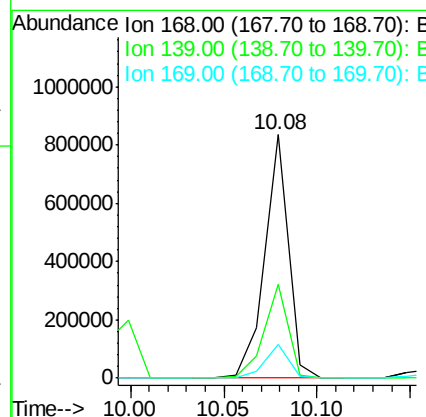
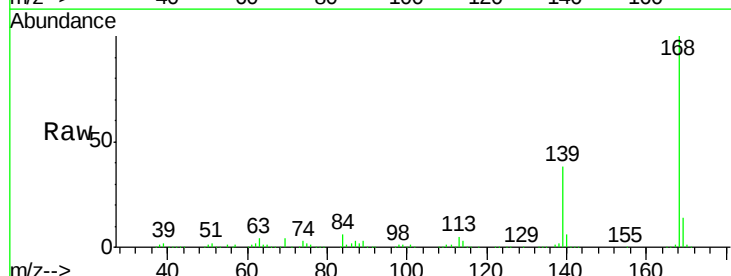
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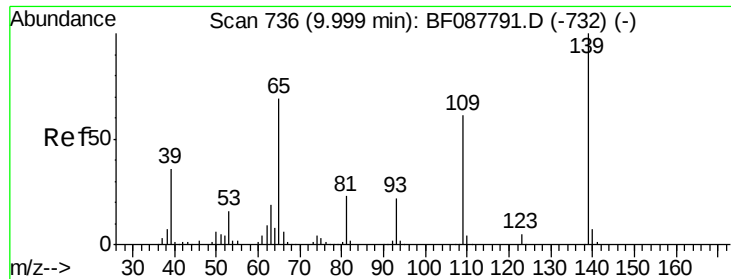
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#54
 Dibenzofuran
 Concen: 46.97 ng
 RT: 10.08 min Scan# 743
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	730230		
139	38.4		26.4	39.6
169	13.8		10.4	15.6





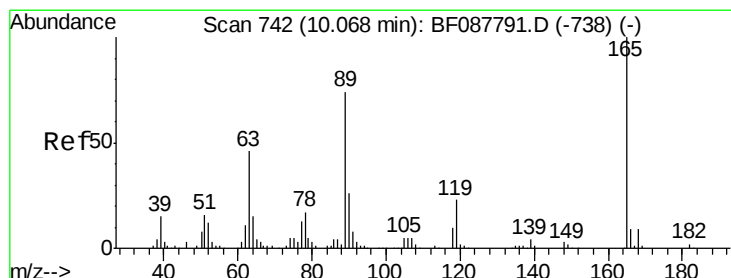
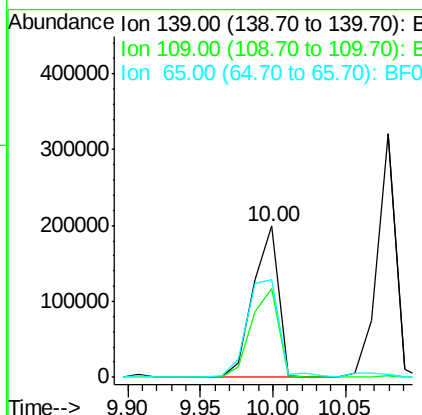
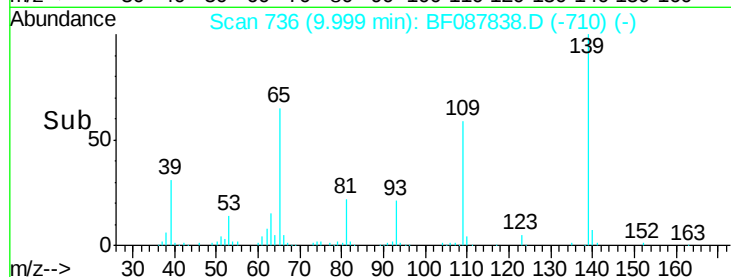
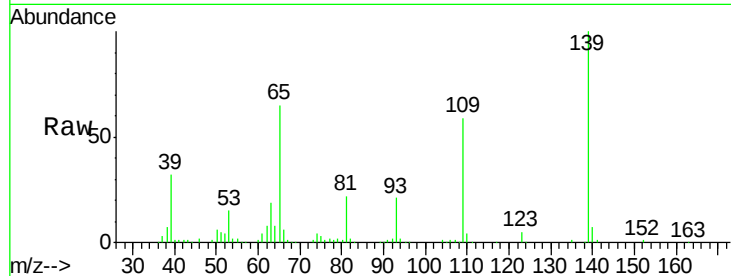
#55
4-Nitrophenol
Concen: 92.47 ng
RT: 10.00 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	241558		
109	58.6	48.9	88.9	
65	64.8	84.9	124.9	

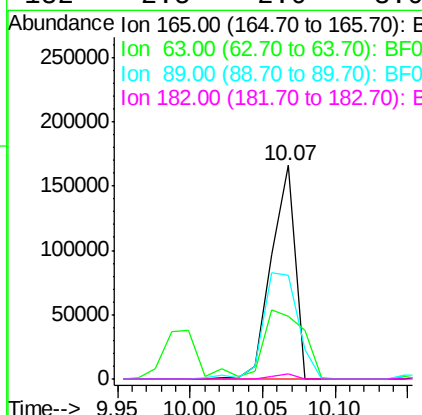
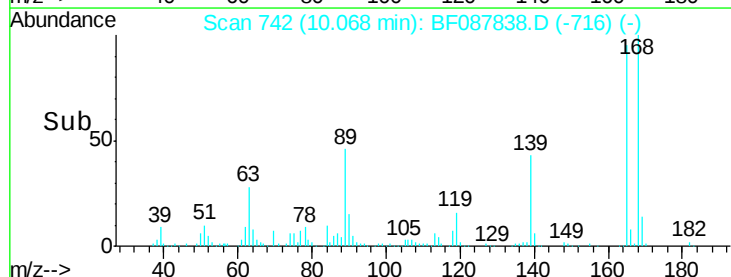
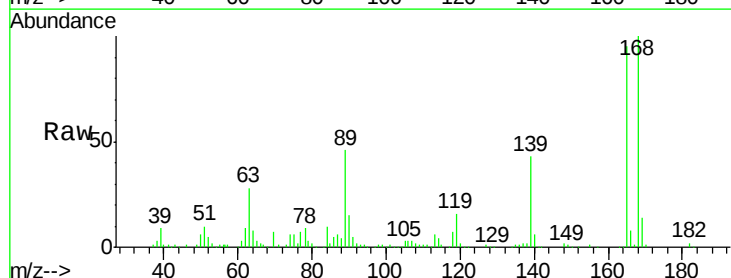
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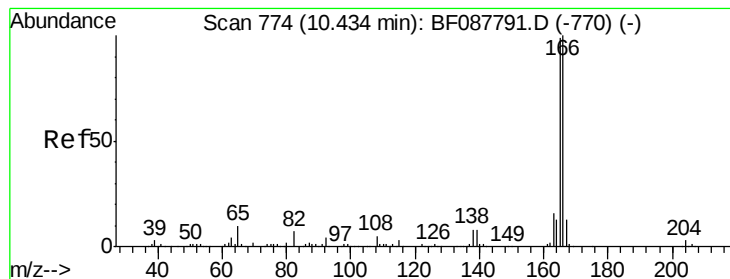
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#56
2,4-Dinitrotoluene
Concen: 50.20 ng
RT: 10.07 min Scan# 742
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	188175		
63	29.6	22.0	33.0	
89	48.3	41.1	61.7	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 51.52 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF087838.D

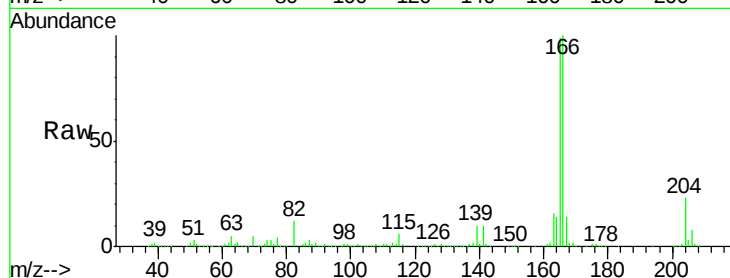
Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS



Tot Ion:166 Resp: 533944

Ion Ratio Lower Upper

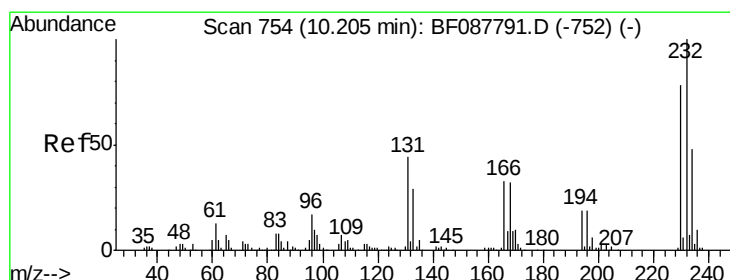
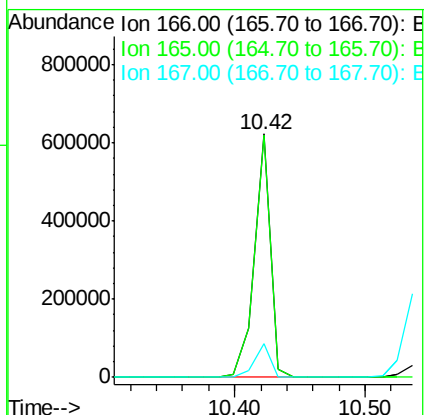
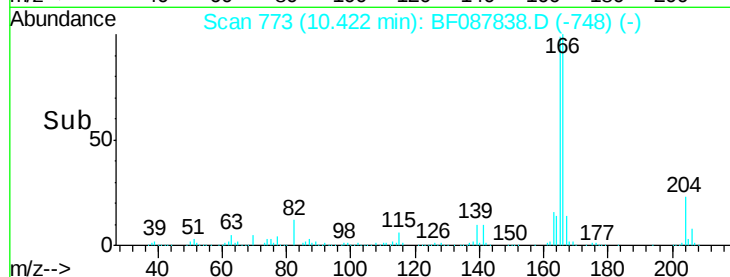
166 100

165 99.4 77.8 116.8

167 13.8 11.2 16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.49 ng

RT: 10.19 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:232 Resp: 125024

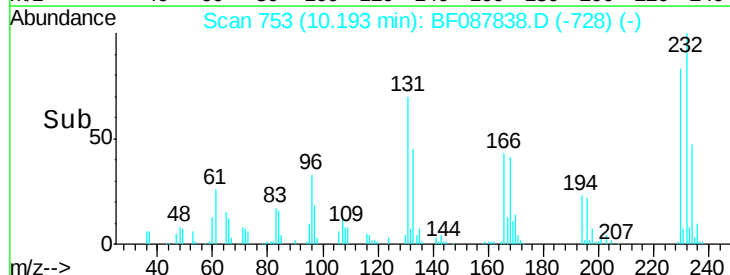
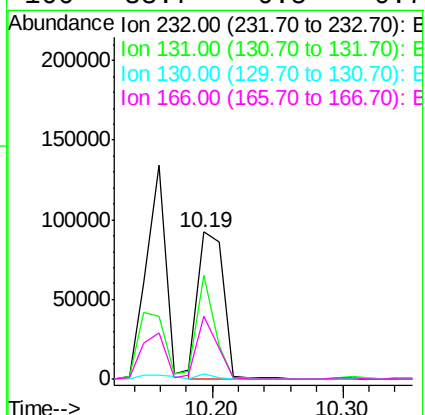
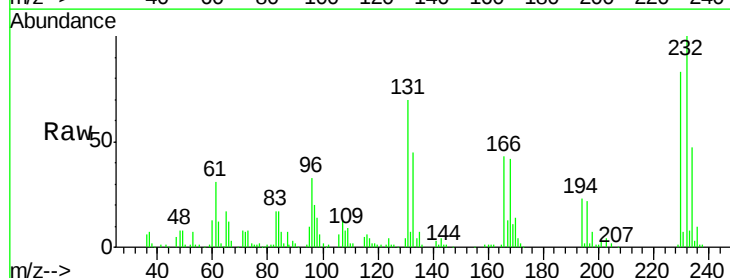
Ion Ratio Lower Upper

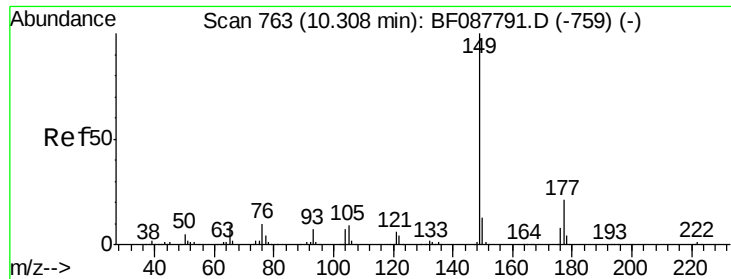
232 100

131 50.4 0.9 1.3#

130 2.3 1.5 2.3#

166 33.7 0.5 0.7#





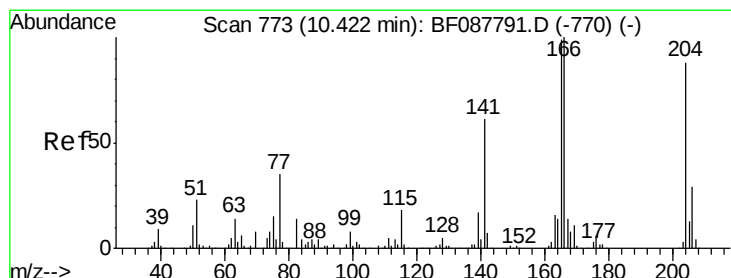
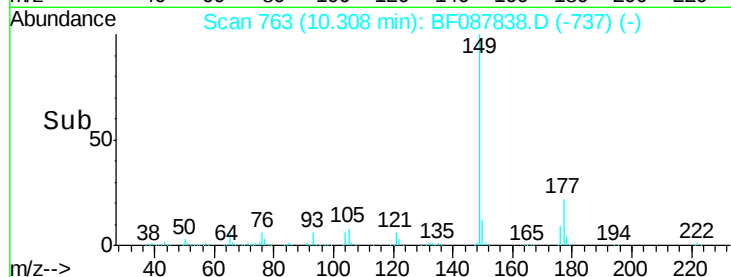
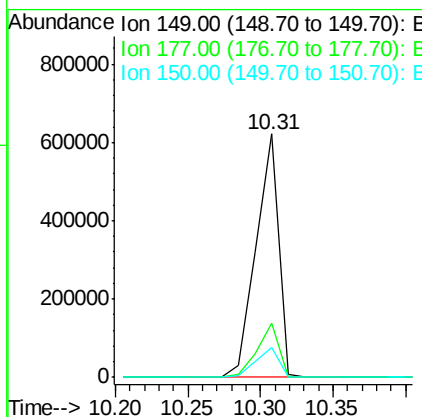
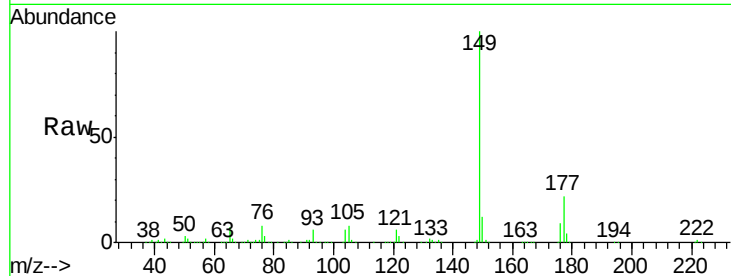
#59
Diethylphthalate
Concen: 52.31 ng
RT: 10.31 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	674390		
177	22.4	16.9	25.3	
150	12.3	10.1	15.1	

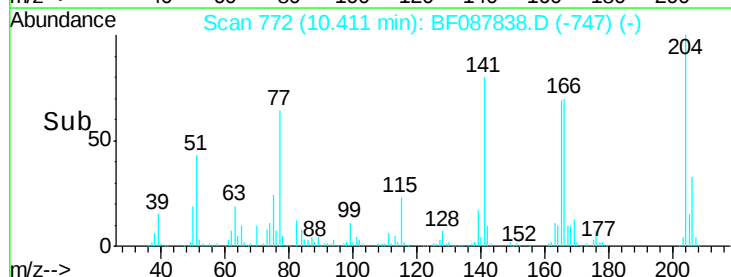
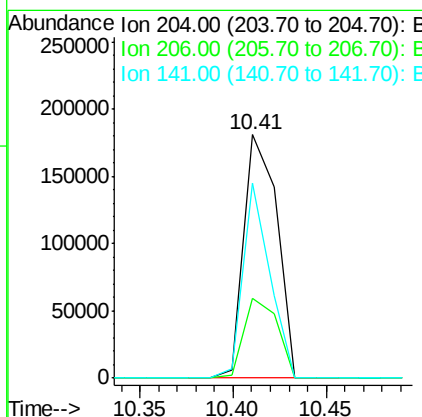
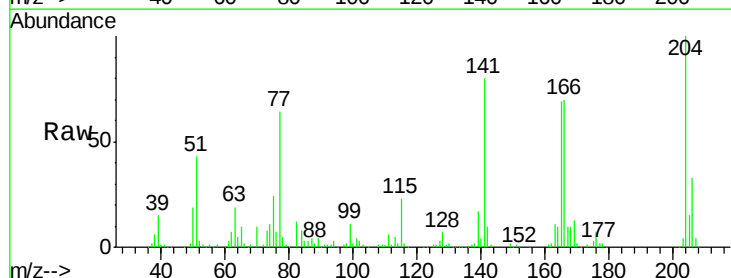
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#60
4-Chlorophenyl-phenylether
Concen: 43.76 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	226262		
206	33.0	26.3	39.5	
141	79.9	55.0	82.6	





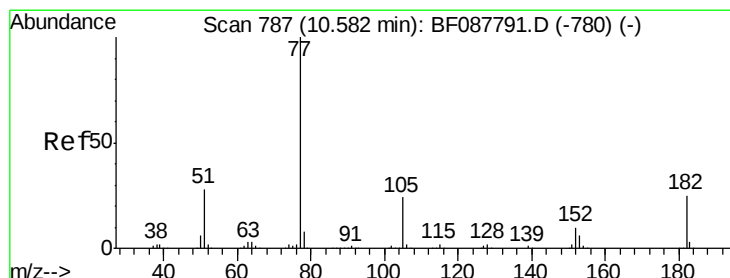
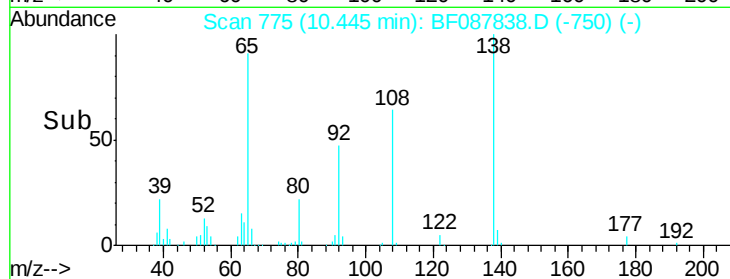
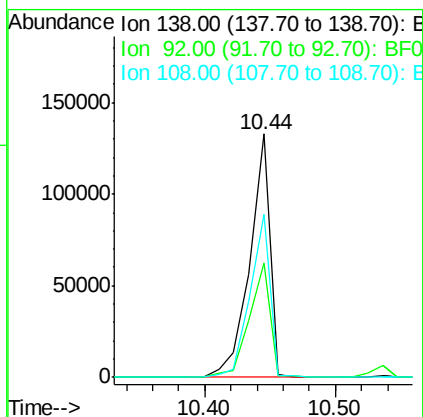
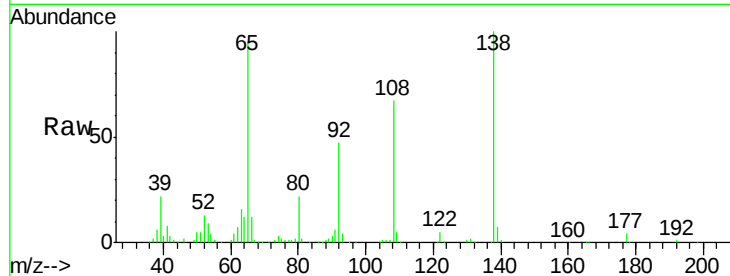
#61
4-Nitroaniline
Concen: 44.83 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp Lower	Upper
138	100		
92	46.8	27.3	67.3
108	66.9	46.7	86.7

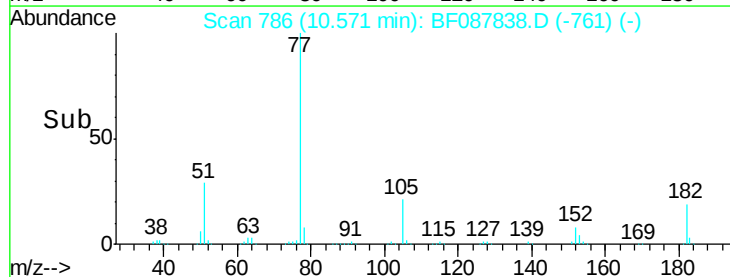
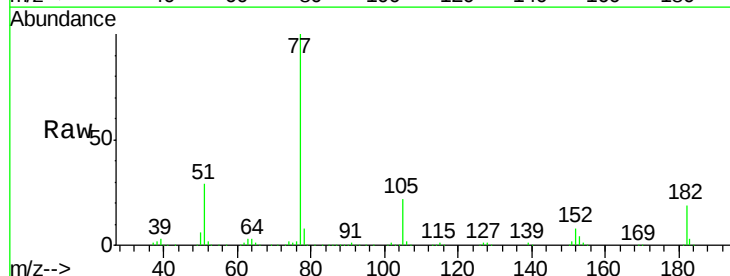
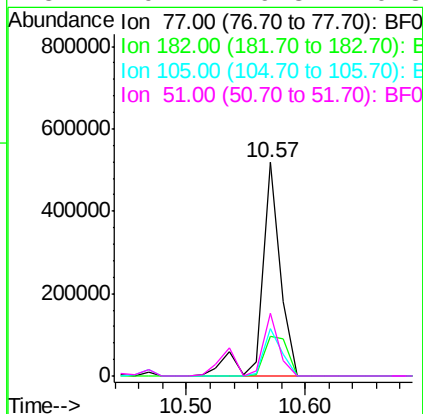
Manual Integrations
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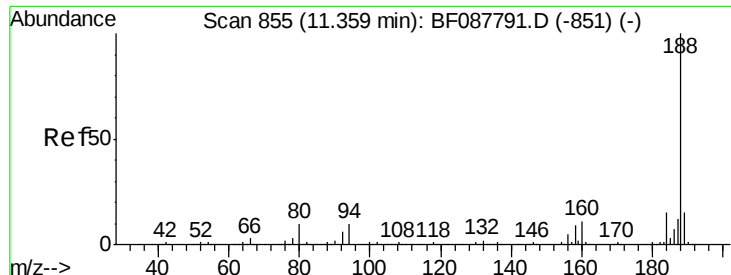
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#62
Azobenzene
Concen: 44.22 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp Lower	Upper
77	100		
182	18.7	4.4	44.4
105	22.0	3.8	43.8
51	29.4	9.3	49.3





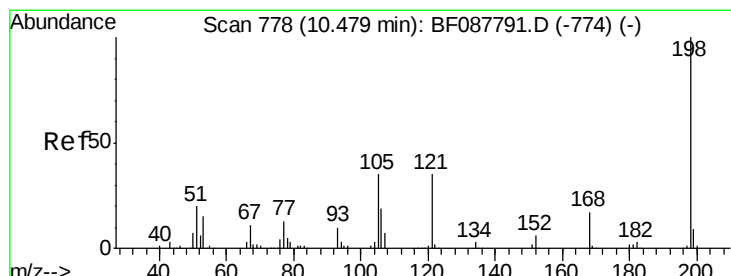
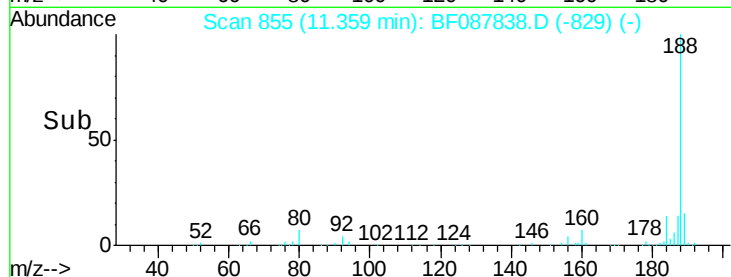
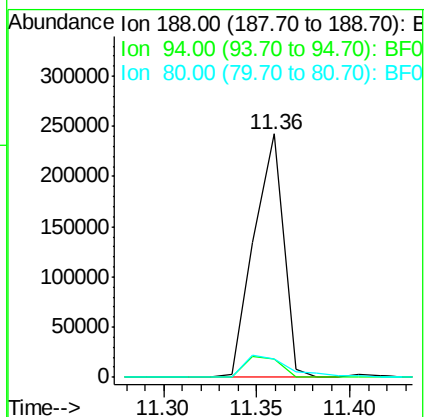
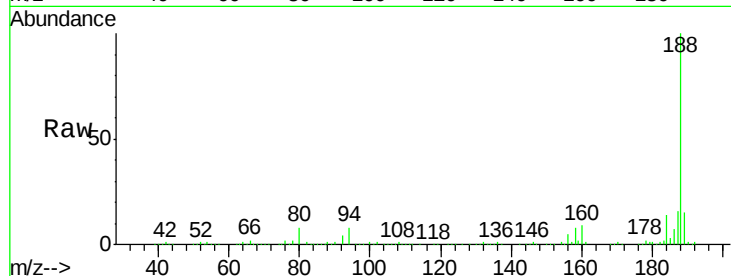
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 855
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.6	9.0	13.6#
80	7.6	10.0	15.0#

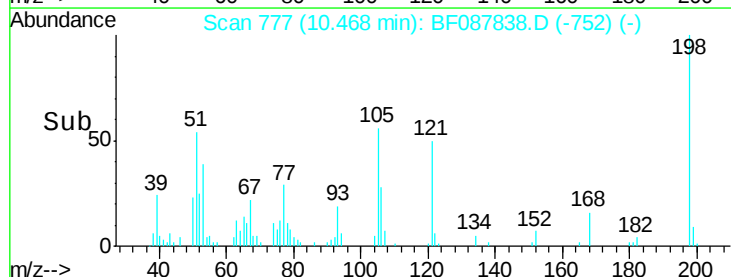
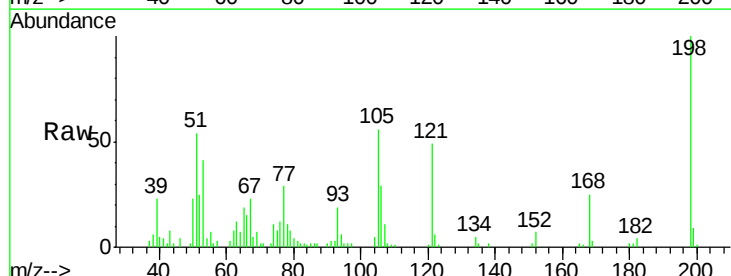
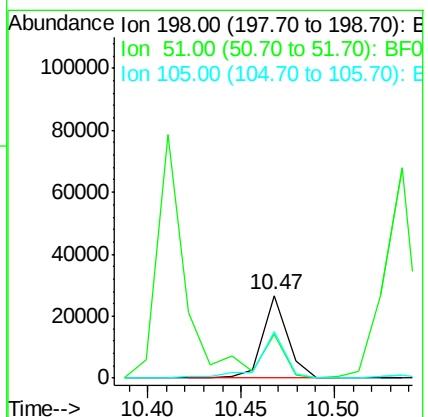
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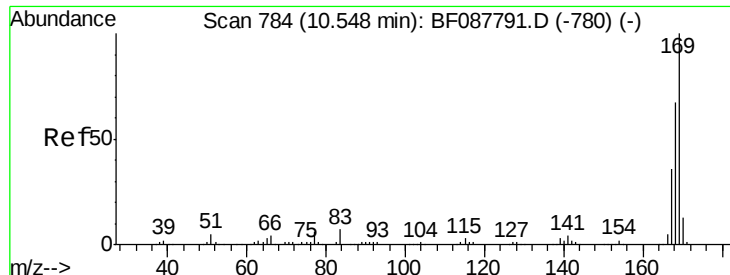
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#64
4,6-Dinitro-2-methylphenol
Concen: 16.06 ng
RT: 10.47 min Scan# 777
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	53.6	39.6	79.6
105	55.6	36.6	76.6





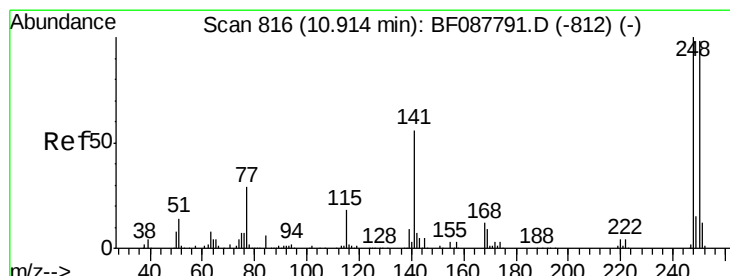
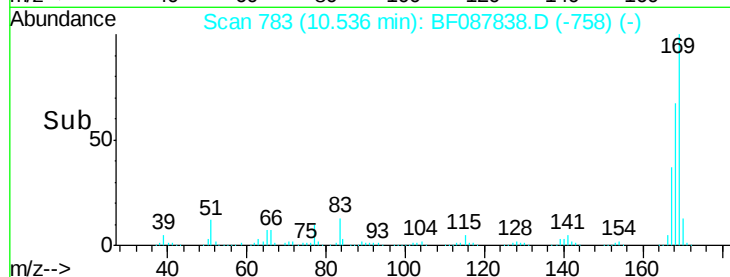
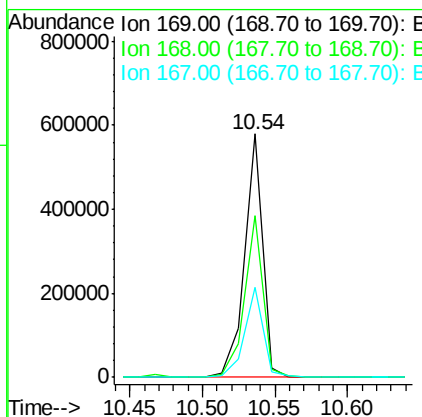
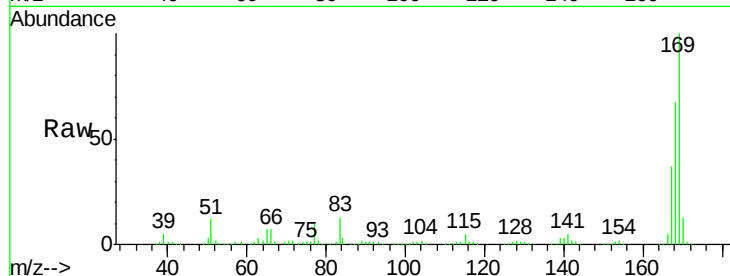
#65
 n-Nitrosodiphenylamine
 Concen: 56.95 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp Lower	Upper
169	100		
168	66.6	53.4	80.0
167	36.9	29.4	44.0

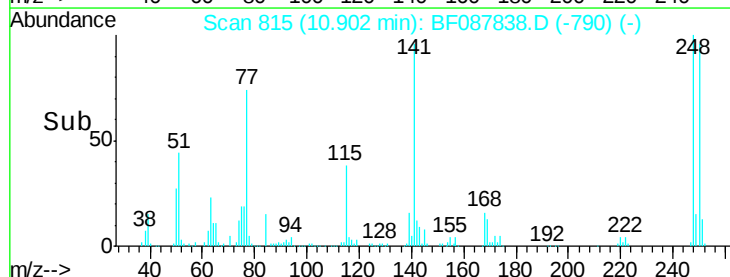
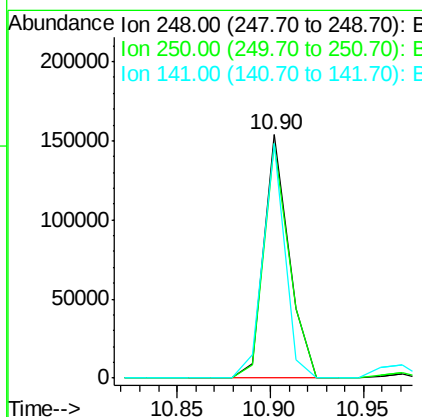
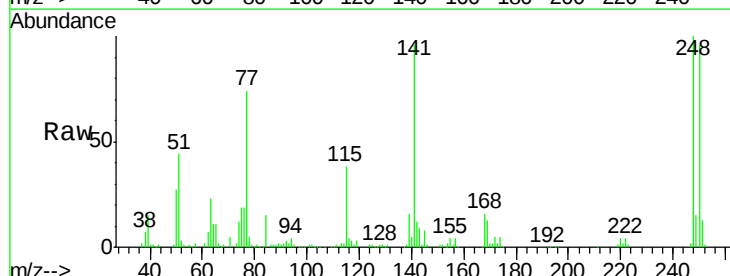
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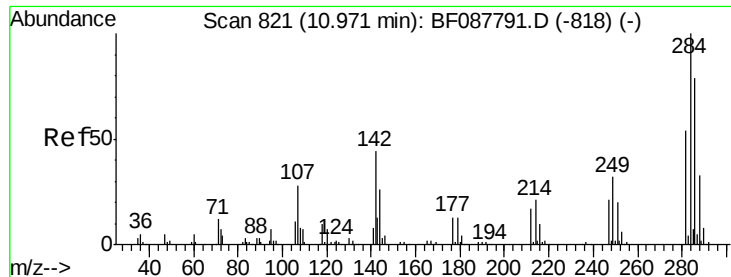
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#66
 4-Bromophenyl-phenylether
 Concen: 49.73 ng
 RT: 10.90 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	96.4	77.1	115.7
141	96.2	50.6	76.0





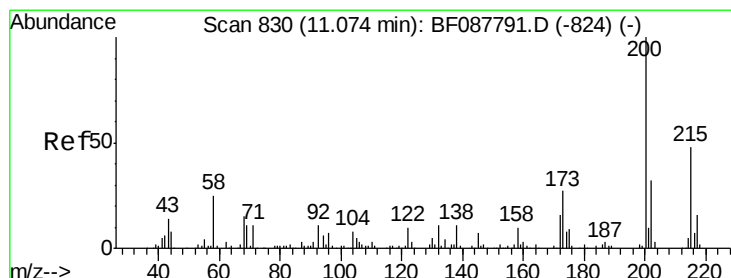
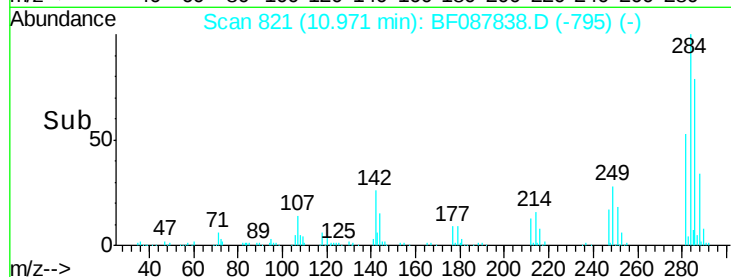
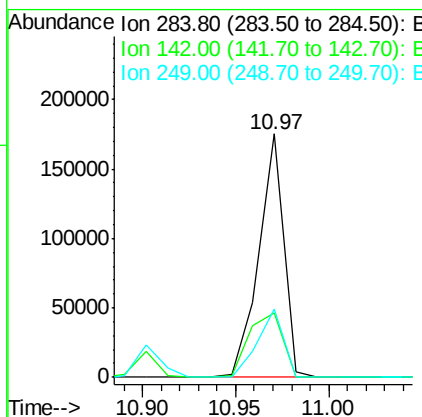
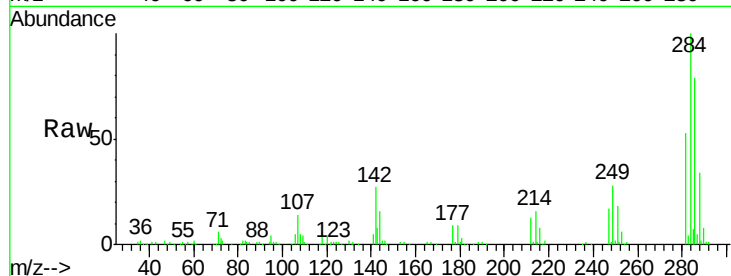
#67
Hexachlorobenzene
Concen: 54.37 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	161108		
142	26.6	35.8	53.8#	
249	28.2	25.8	38.6	

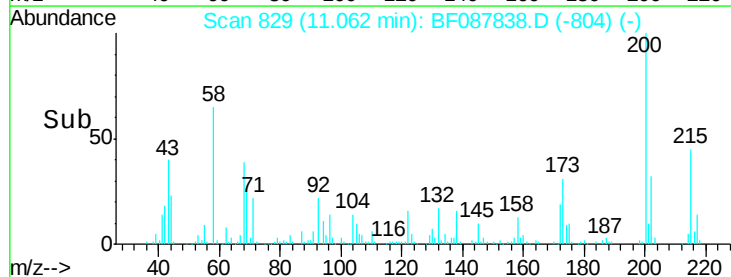
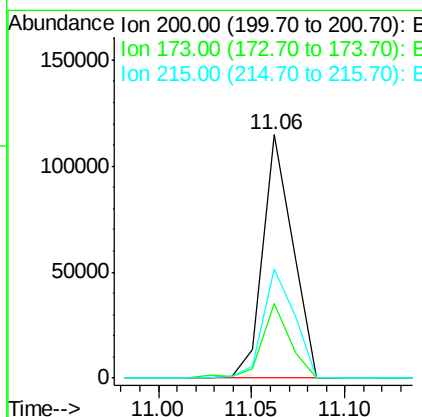
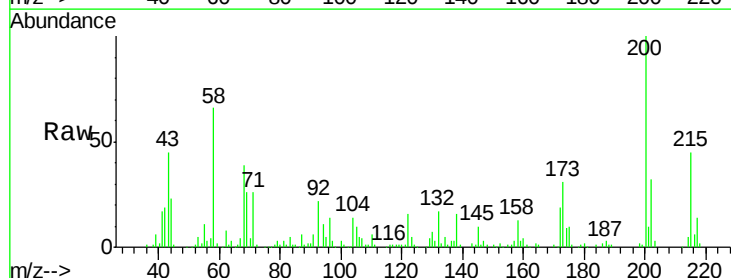
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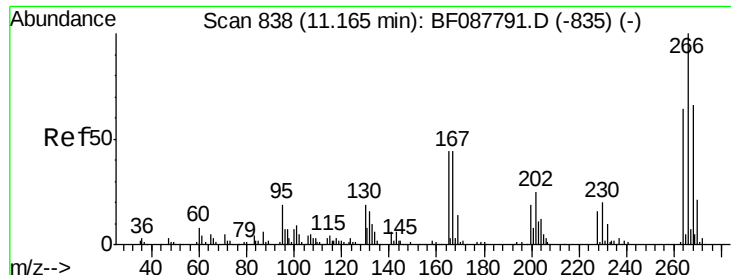
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#68
Atrazine
Concen: 47.37 ng
RT: 11.06 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	126521		
173	30.6	4.0	44.0	
215	44.9	29.3	69.3	





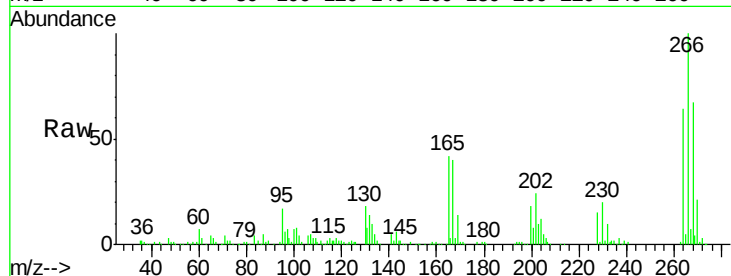
#69
 Pentachlorophenol
 Concen: 109.25 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

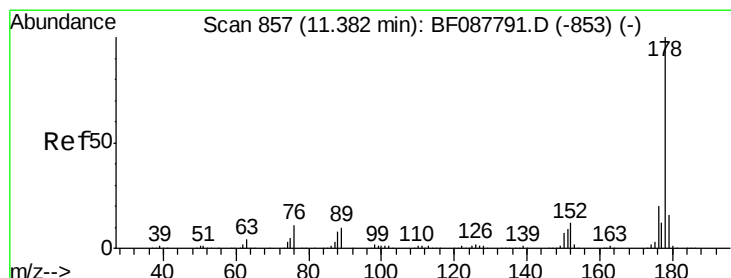
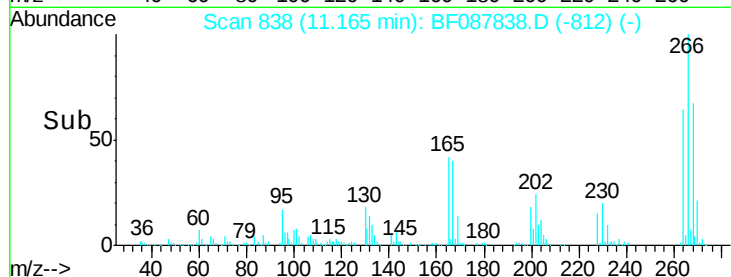
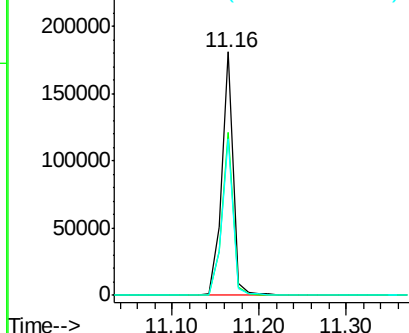
Tot Ion	Ratio	Resp	Lower	Upper
266	100	170645		
268	67.1	52.8	79.2	
264	64.2	49.6	74.4	

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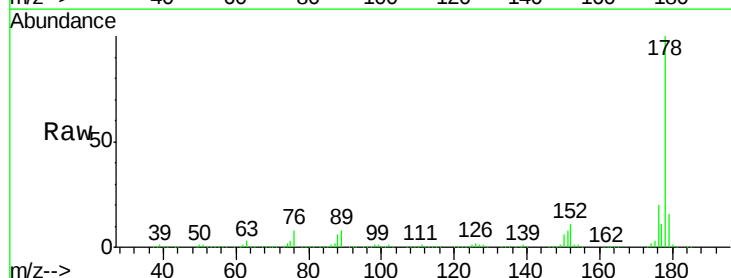


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

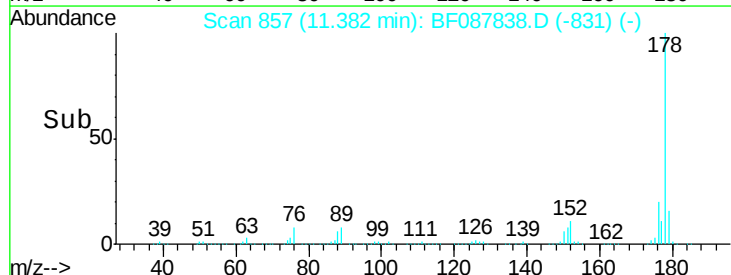
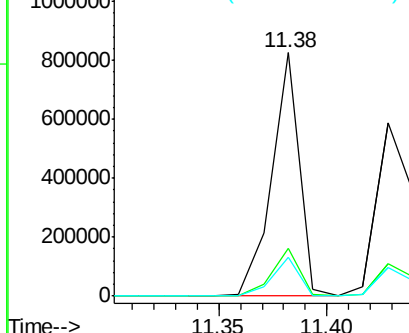


#70
 Phenanthrene
 Concen: 52.56 ng
 RT: 11.38 min Scan# 857
 Delta R.T. -0.00 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	733122		
176	19.7	15.8	23.6	
179	15.8	13.0	19.4	



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





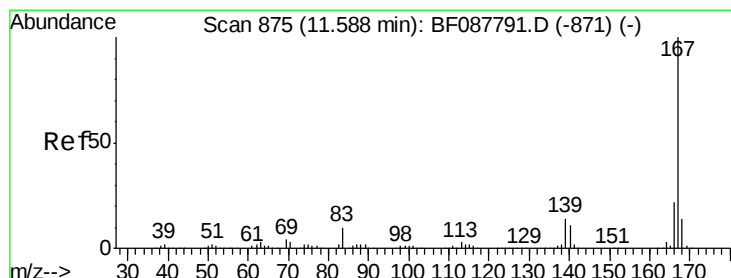
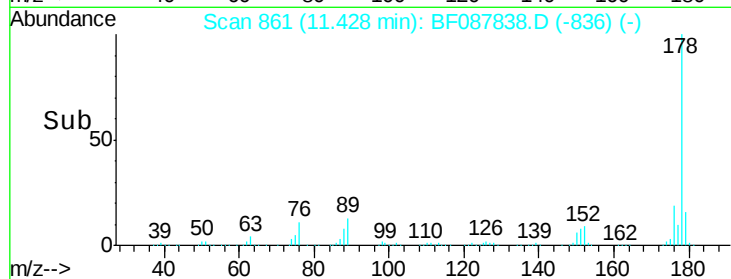
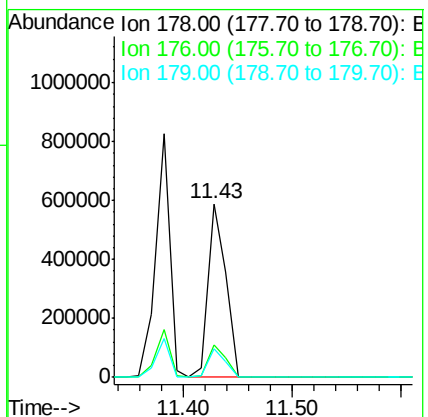
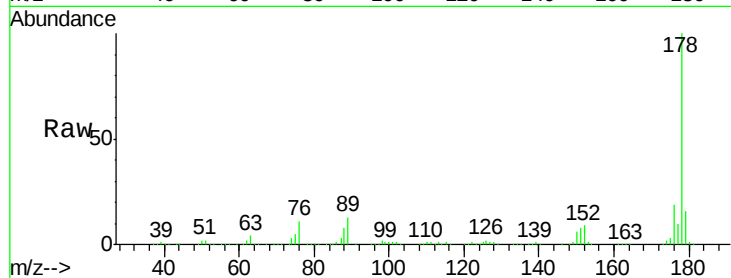
#71
 Anthracene
 Concen: 47.94 ng
 RT: 11.43 min Scan# 861
 Delta R.T. -0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	16.2	12.8	19.2

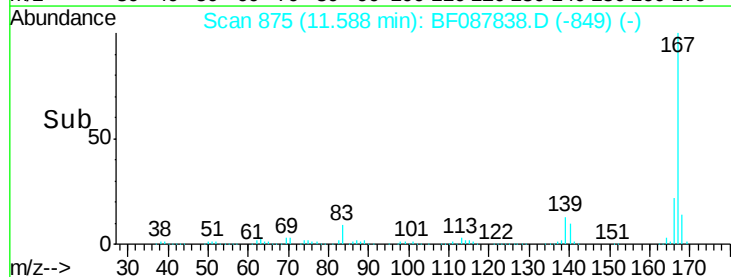
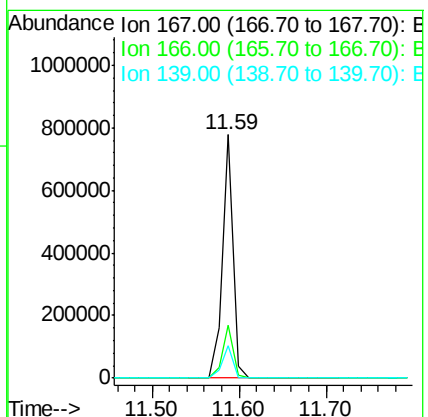
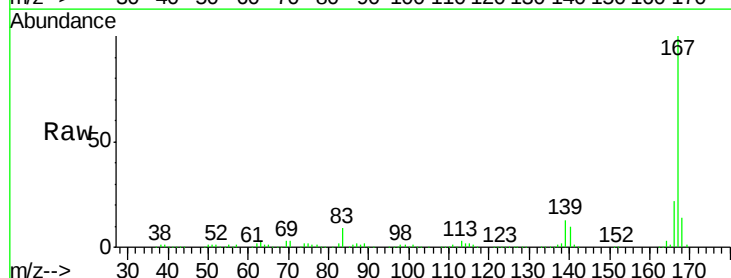
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#72
 Carbazole
 Concen: 51.30 ng
 RT: 11.59 min Scan# 875
 Delta R.T. -0.00 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.8	26.6
139	13.5	11.2	16.8





#73

Di-n-butylphthalate

Concen: 52.89 ng

RT: 11.93 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

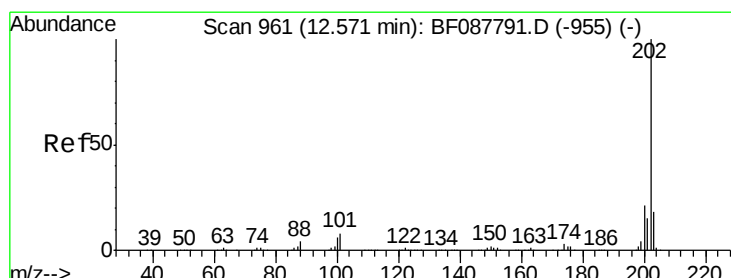
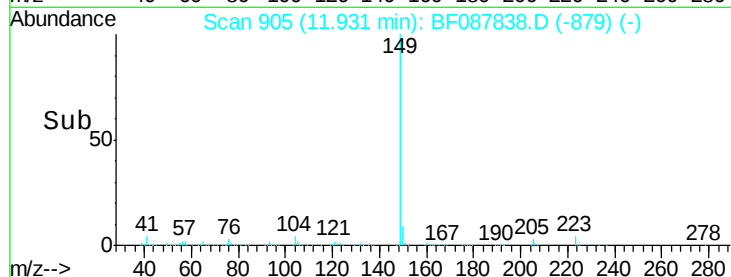
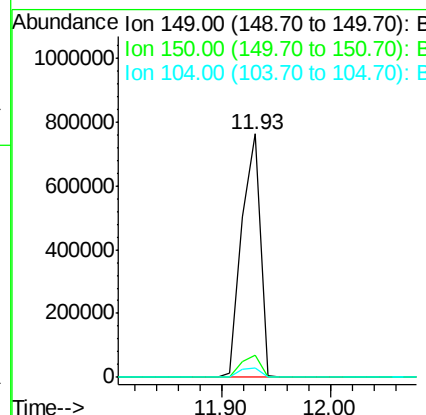
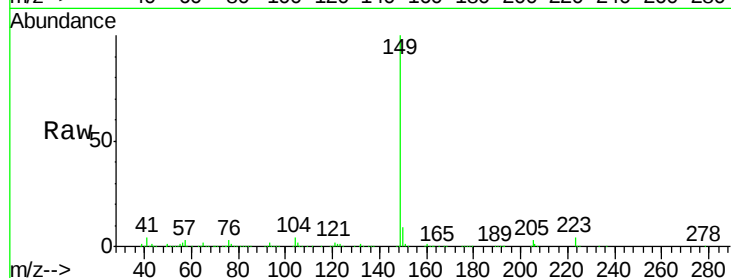
ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion:	149	Resp:	881631
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	3.8	4.0	6.0

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#74

Fluoranthene

Concen: 50.73 ng

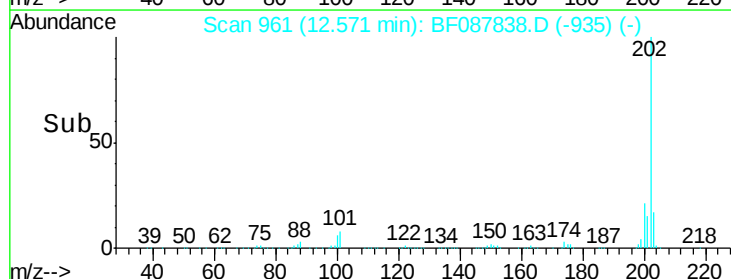
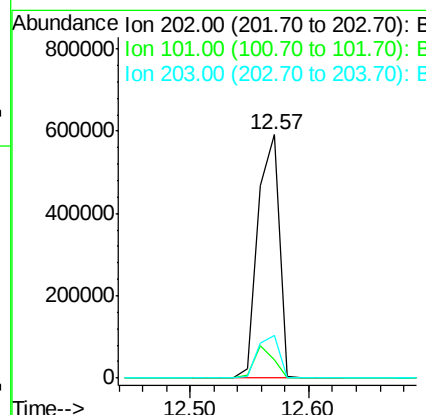
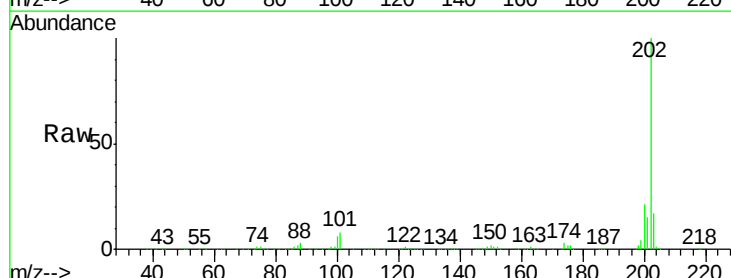
RT: 12.57 min Scan# 961

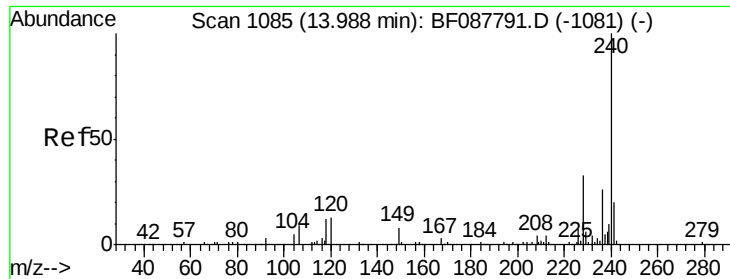
Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	202	Resp:	746815
Ion Ratio	Lower	Upper	
202	100		
101	7.8	0.0	33.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

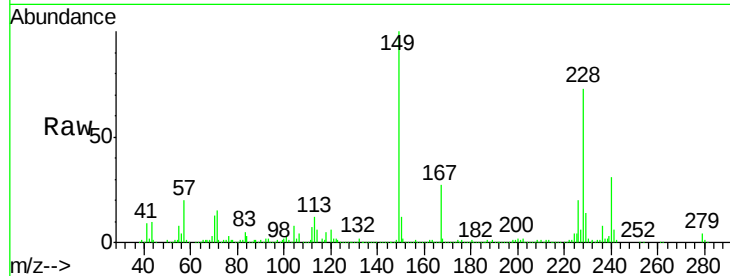
ClientSampleId :

SB-13-COMP-0.5-11.0MS

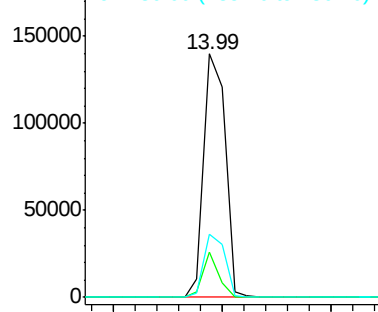
Tot Ion:	240	Resp:	190374
Ion Ratio		Lower	Upper
240	100		
120	18.4	6.8	10.2#
236	26.1	20.2	30.2

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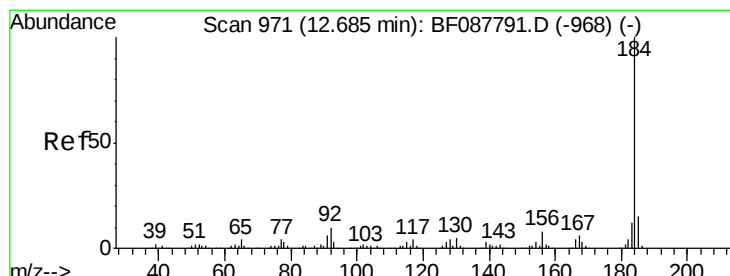
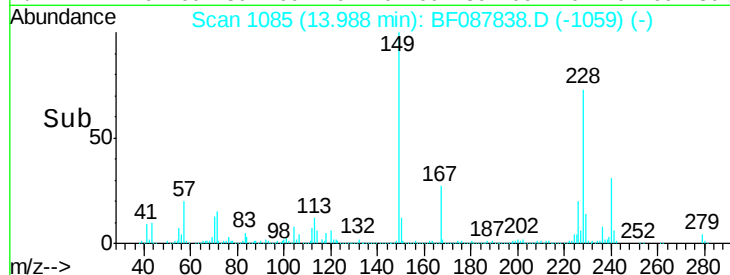
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 35.05 ng

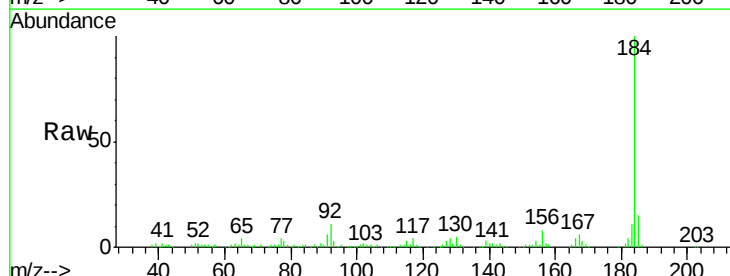
RT: 12.69 min Scan# 971

Delta R.T. -0.00 min

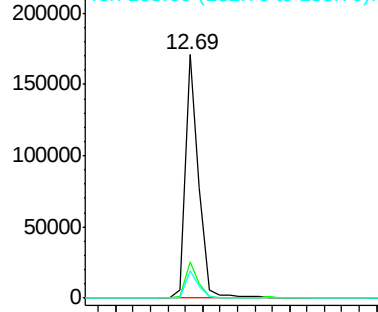
Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

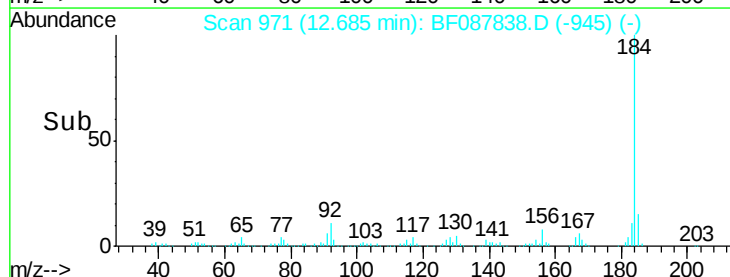
Tgt Ion:	184	Resp:	184750
Ion Ratio		Lower	Upper
184	100		
185	14.7	12.5	18.7
183	11.3	9.3	13.9

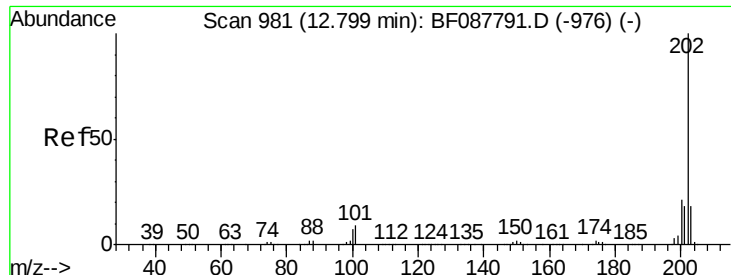


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





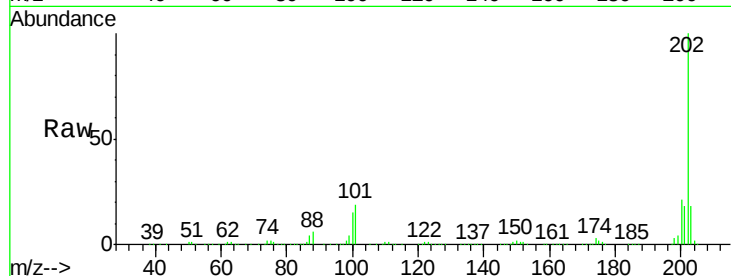
#77
Pvrene
Concen: 51.27 ng
RT: 12.79 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

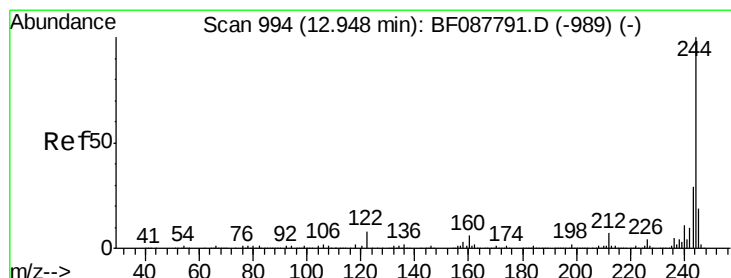
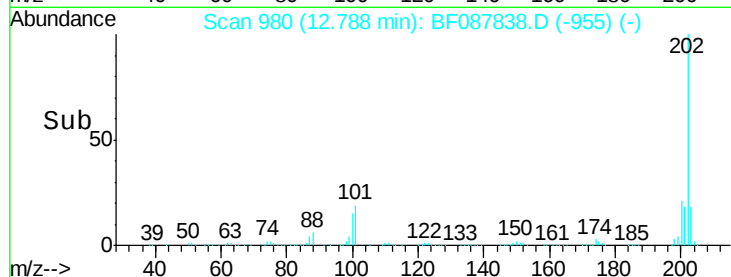
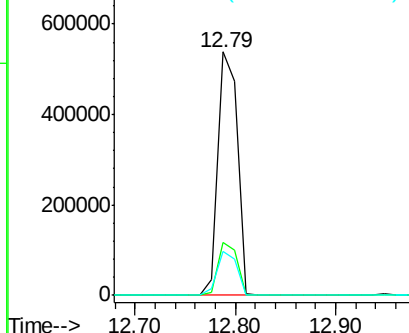
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.4	26.2
203	18.2	14.5	21.7

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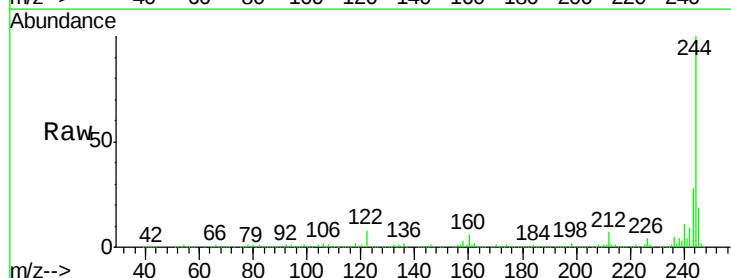


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

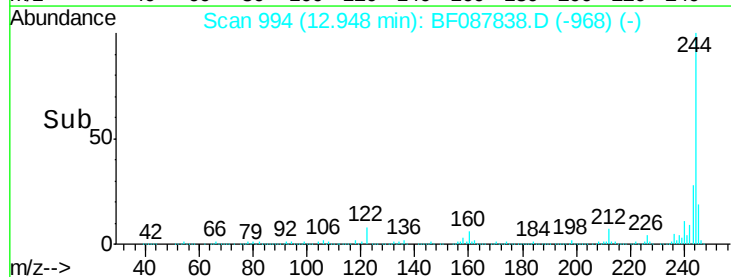
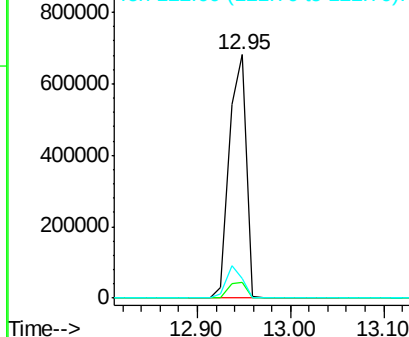


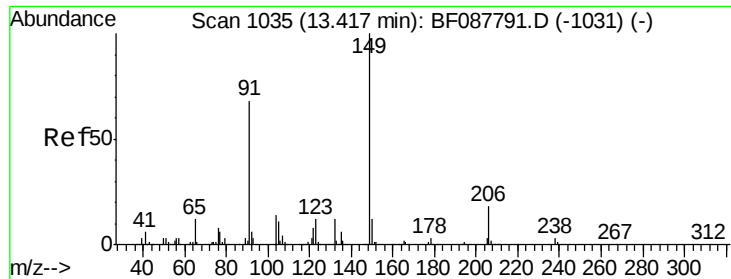
#78
Terphenyl-d14
Concen: 103.61 ng
RT: 12.95 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	8.0	11.2	16.8#



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





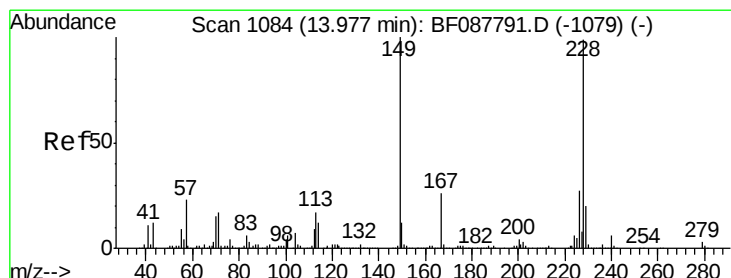
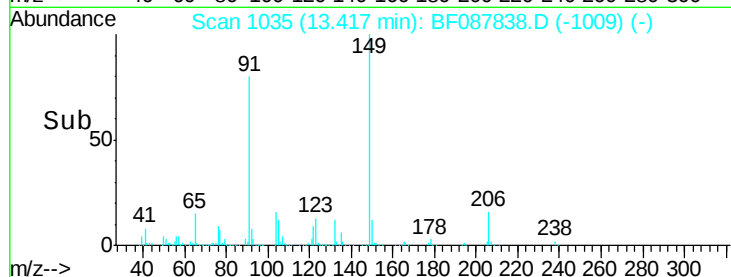
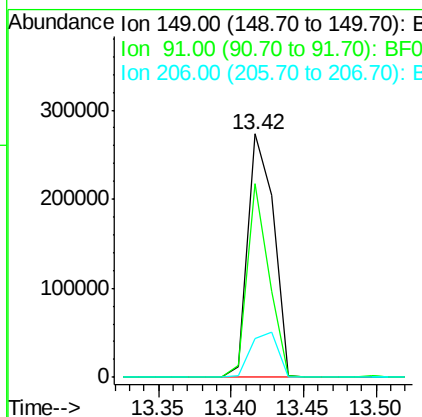
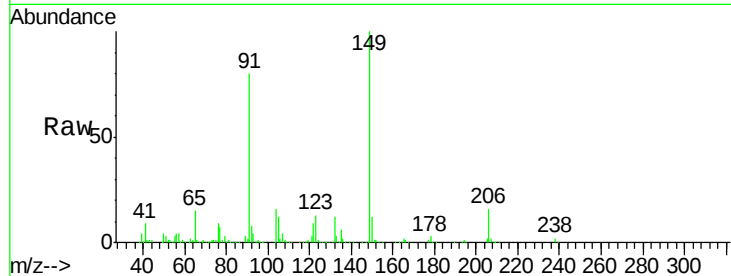
#79
Butylbenzylphthalate
Concen: 53.95 ng
RT: 13.42 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	79.6	48.0	72.0#	
206	15.8	16.0	24.0#	

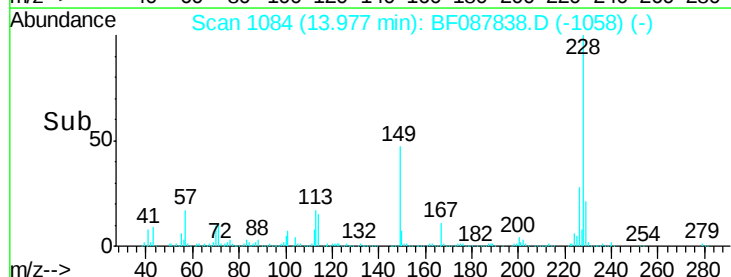
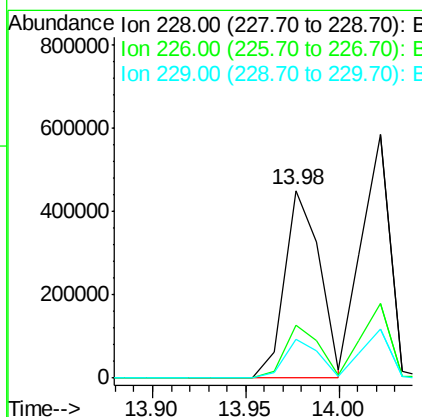
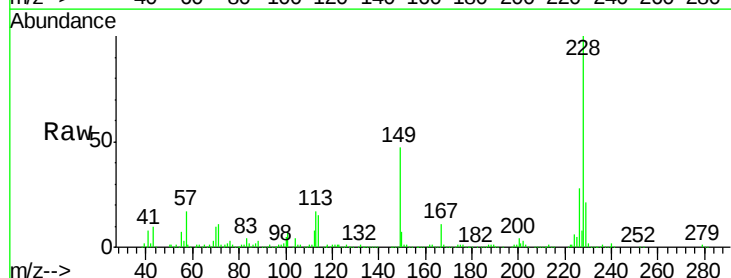
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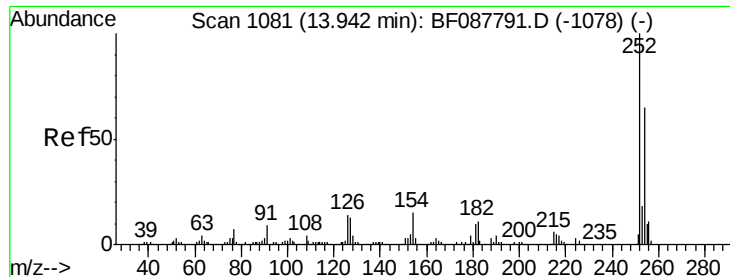
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#80
Benzo(a)anthracene
Concen: 54.31 ng
RT: 13.98 min Scan# 1084
Delta R.T. -0.00 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	28.0	22.3	33.5	
229	20.5	16.0	24.0	





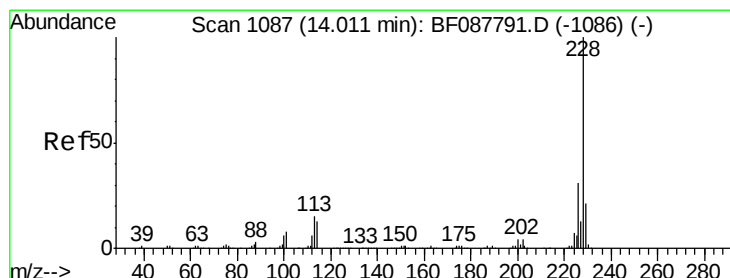
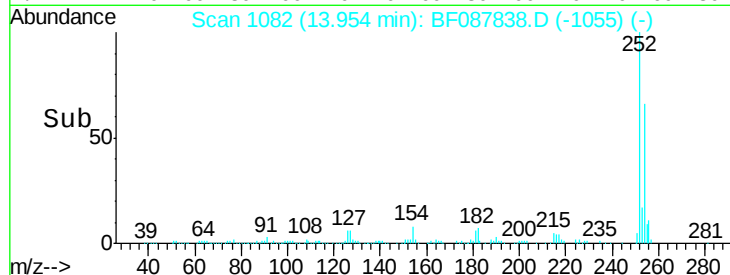
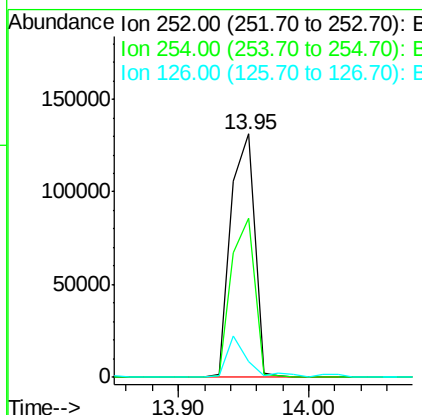
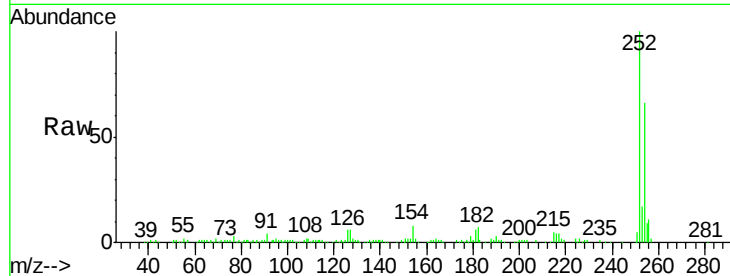
#81
 3,3'-Dichlorobenzidine
 Concen: 57.12 ng
 RT: 13.95 min Scan# 1082
 Delta R.T. 0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.6	78.8
126	6.3	6.2	9.2

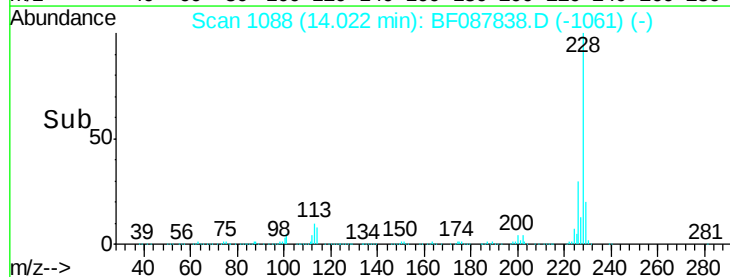
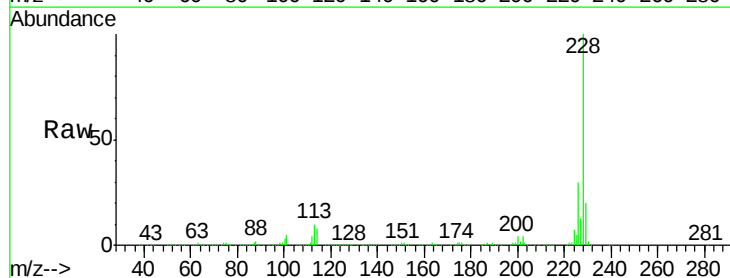
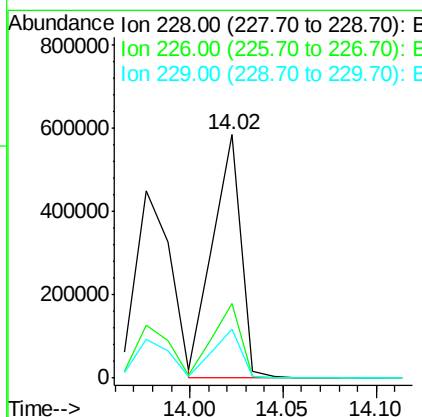
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#82
 Chrysene
 Concen: 60.35 ng
 RT: 14.02 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.4	38.2
229	19.9	16.3	24.5





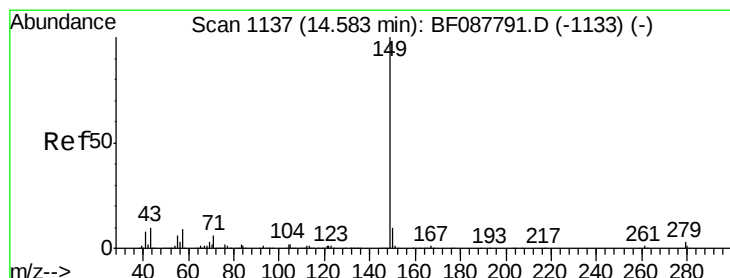
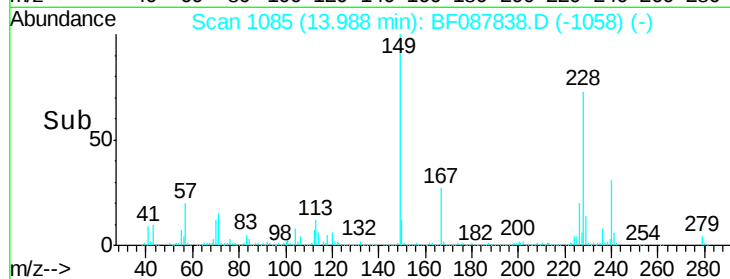
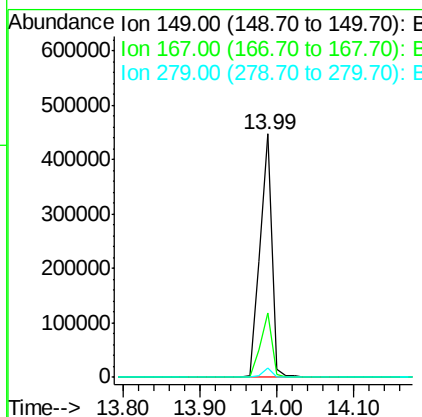
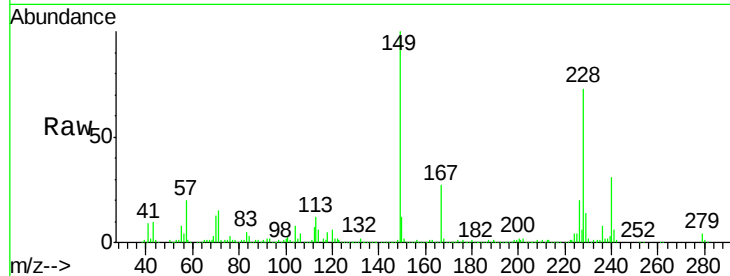
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 61.39 ng
 RT: 13.99 min Scan# 1085
 Delta R.T. 0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	466714		
167	26.7	20.5	30.7	
279	3.8	2.0	3.0#	

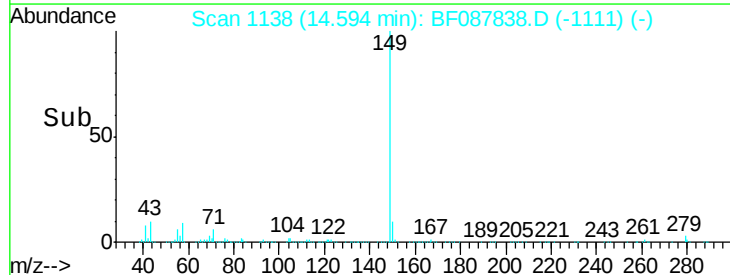
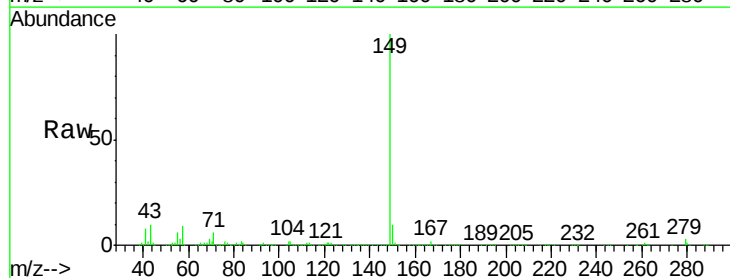
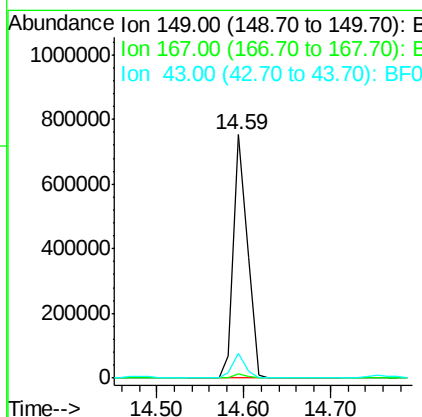
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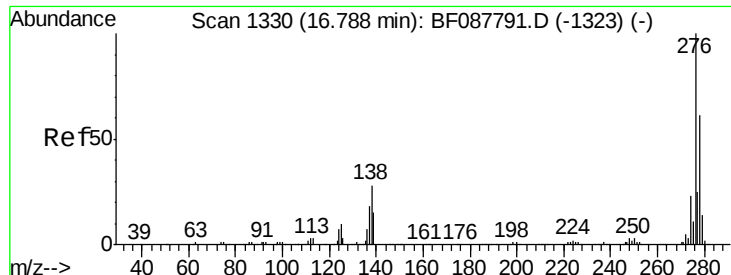
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#84
 Di-n-octyl phthalate
 Concen: 67.08 ng
 RT: 14.59 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	828719		
167	1.8	0.0	0.0#	
43	8.9	0.0	0.0#	





#85

Indeno(1,2,3-cd)pyrene

Concen: 50.89 ng

RT: 16.81 min Scan# 1332

Delta R.T. 0.02 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP-0.5-11.0MS

Tot Ion:276 Resp: 482558
Ion Ratio Lower Upper

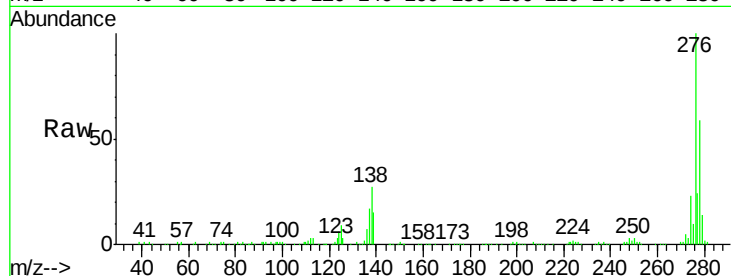
276 100

138 29.0 0.0 0.0#

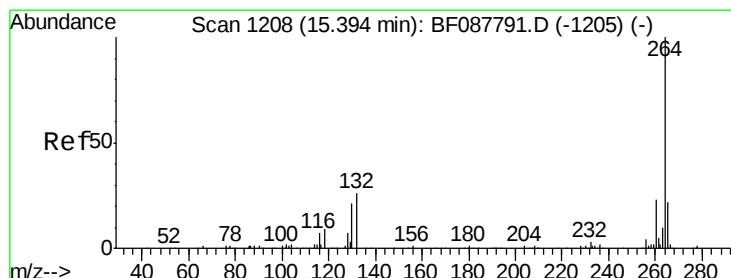
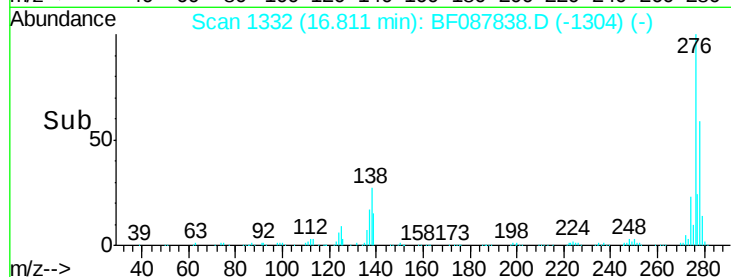
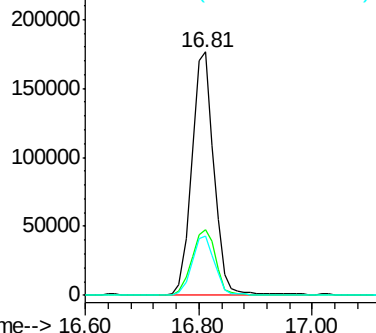
277 25.3 0.0 0.0#

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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

Perylene-d12

Concen: 20.00 ng

RT: 15.42 min Scan# 1210

Delta R.T. 0.02 min

Lab File: BF087838.D

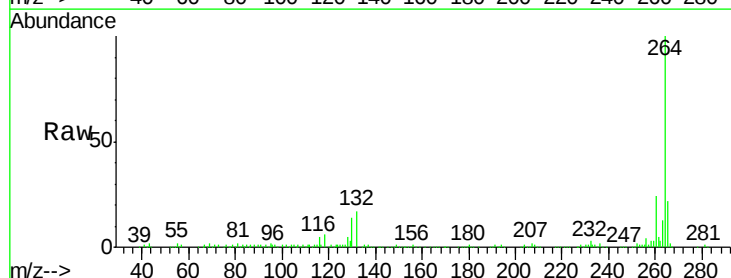
Acq: 9 Jun 2016 7:13

Tgt Ion:264 Resp: 172548
Ion Ratio Lower Upper

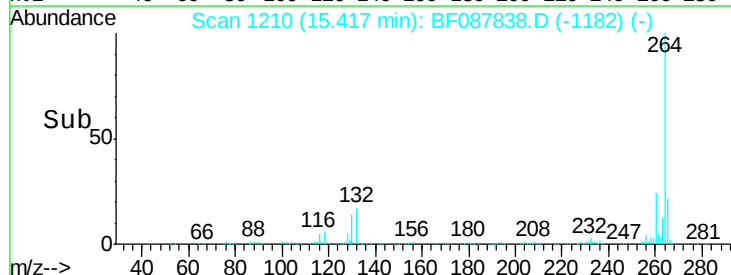
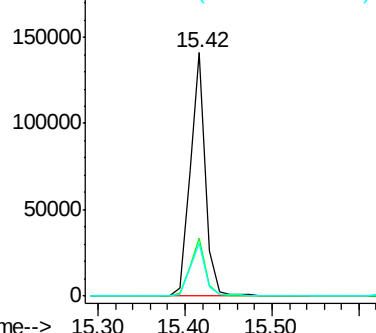
264 100

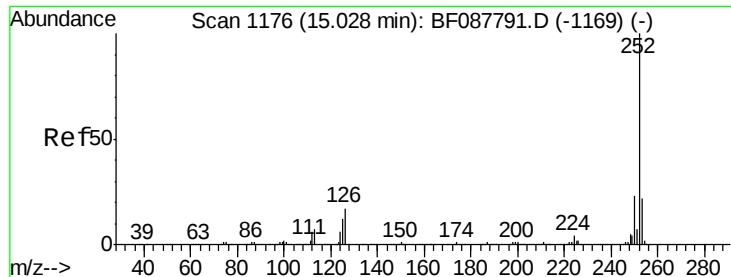
260 24.1 19.2 28.8

265 21.6 16.9 25.3



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





#87

Benzo(b)fluoranthene

Concen: 56.34 ng m

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Instrument :

BNA_F

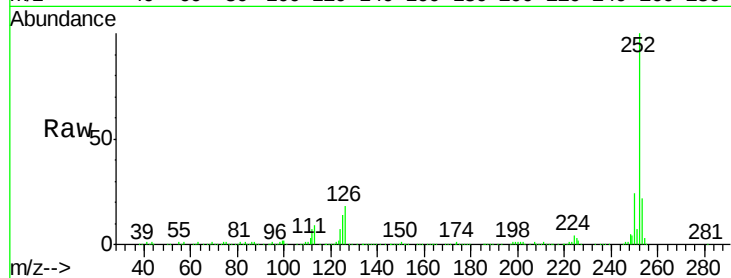
ClientSampleId :

SB-13-COMP-0.5-11.0MS

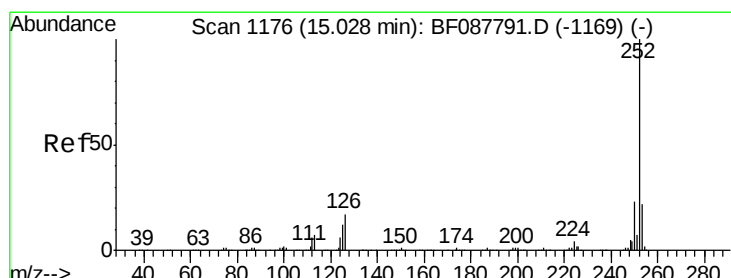
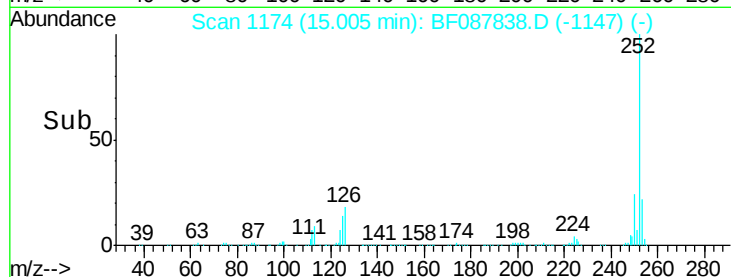
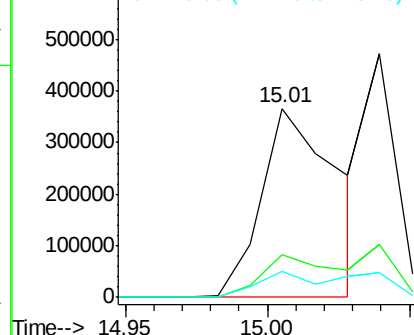
Tot Ion:	252	Resp:	677611
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	13.7	7.1	10.7#

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.89 ng m

RT: 15.04 min Scan# 1177

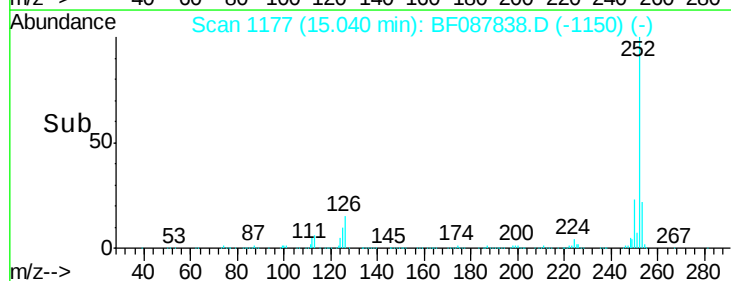
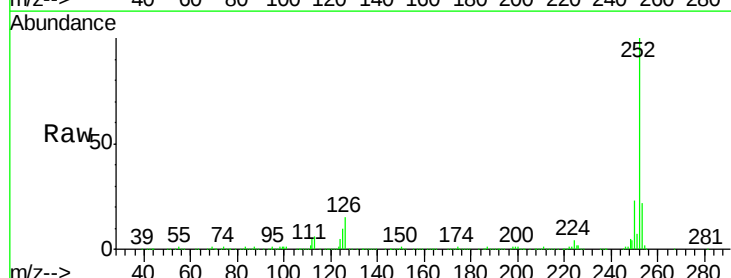
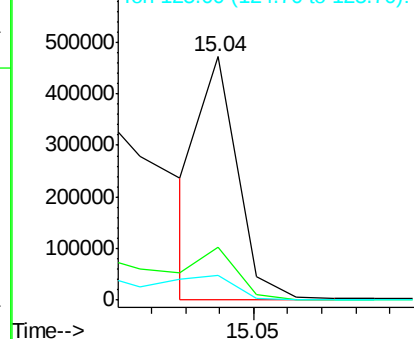
Delta R.T. 0.01 min

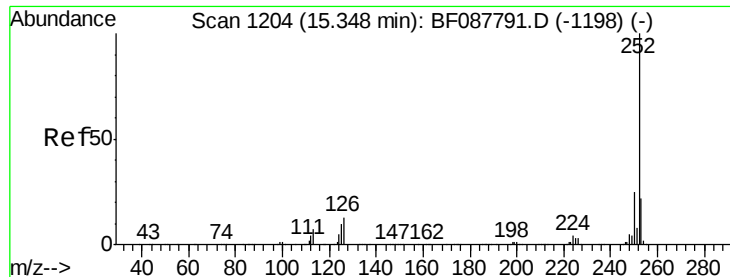
Lab File: BF087838.D

Acq: 9 Jun 2016 7:13

Tgt Ion:	252	Resp:	361919
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.0	27.0
125	10.4	11.2	16.8#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





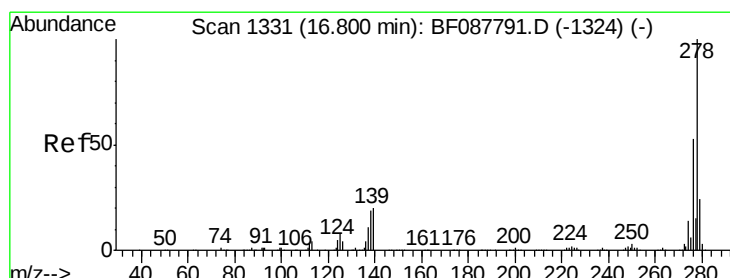
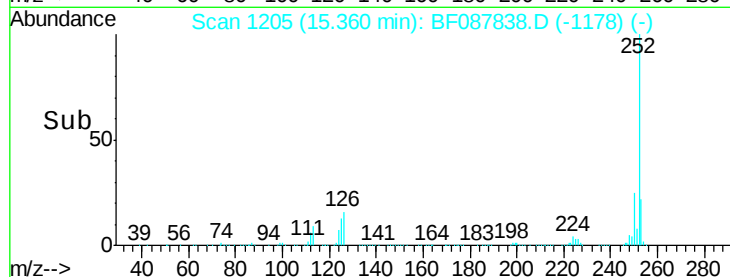
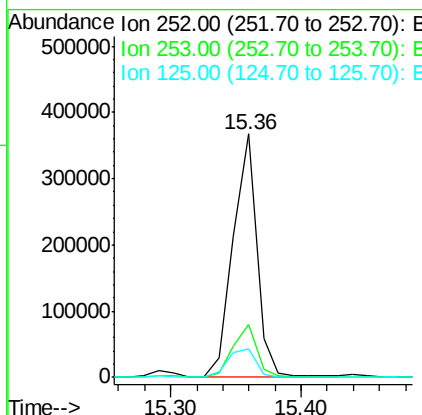
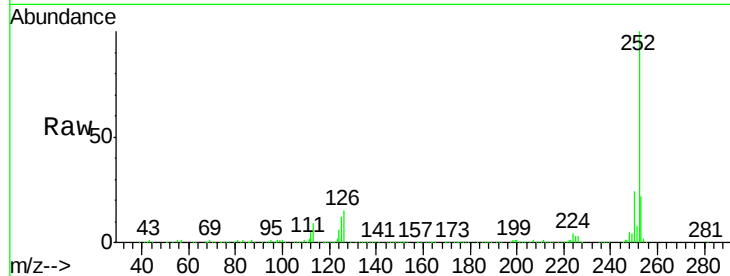
#89
Benzo(a)pyrene
Concen: 47.48 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP-0.5-11.0MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	12.0	12.5	18.7#

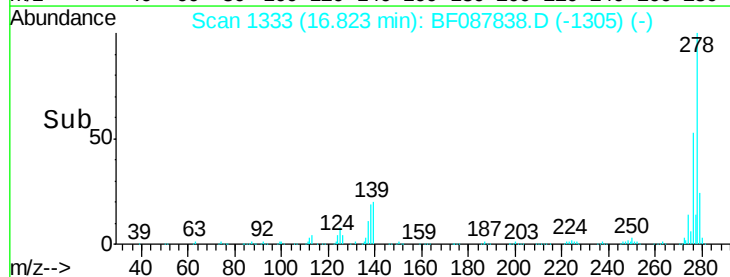
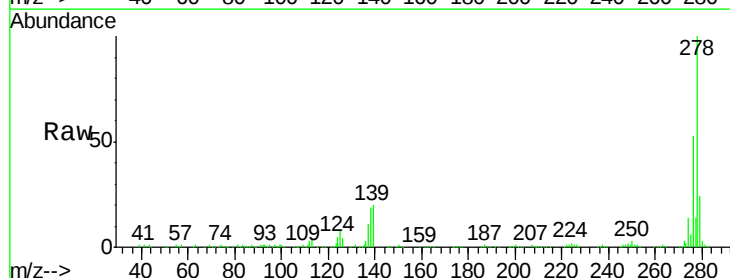
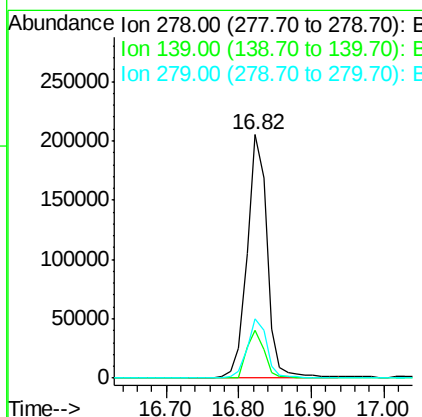
Manual Integrations
APPROVED

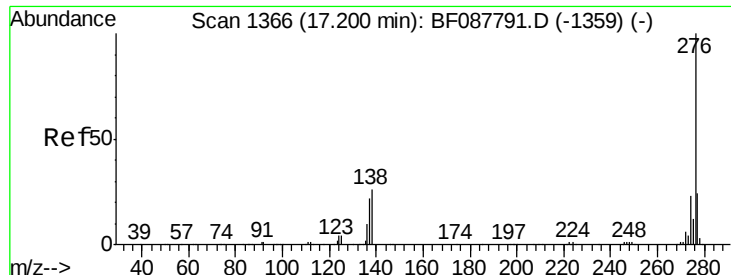
sohil
6/9/2016 8:00:52 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.97 ng
RT: 16.82 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF087838.D
Acq: 9 Jun 2016 7:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.7	23.5
279	24.3	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 42.50 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.02 min
 Lab File: BF087838.D
 Acq: 9 Jun 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP-0.5-11.0MS

Tot Ion:	276	Resp:	395074
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.9	28.3
138	26.1	21.4	32.2

Manual Integrations
 APPROVED

sohil
 6/9/2016 8:00:52 PM

