

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090217.D
 Acq On : 26 Sep 2016 13:24
 Operator : UM/SJ
 Sample : PB93576BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Manual Integrations
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 9/27/2016 1:07:03 PM

Quant Time: Sep 27 04:24:28 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	137266	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	569759	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	298216	20.00	ng	0.00
63) Phenanthrene-d10	10.98	188	490978	20.00	ng	0.00
75) Chrysene-d12	13.60	240	399199	20.00	ng	0.00
86) Perylene-d12	14.91	264	406697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.05	112	837885	99.50	ng	0.02
7) Phenol-d6	6.14	99	1117507	107.45	ng	0.00
23) Nitrobenzene-d5	7.05	82	602436	61.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	245754	96.06	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1166743	76.81	ng	-0.01
78) Terphenyl-d14	12.56	244	1013207	64.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.93	88	101163	22.14	ng	97
3) Pyridine	2.51	79	320826m	32.38	ng	
4) n-Nitrosodimethylamine	2.47	42	92886	31.41	ng	97
6) Aniline	6.14	93	303651	23.42	ng	# 74
8) 2-Chlorophenol	6.26	128	307559	31.74	ng	92
9) Benzaldehyde	6.01	77	166274	36.69	ng	97
10) Phenol	6.16	94	330526	26.88	ng	# 59
11) bis(2-Chloroethyl)ether	6.23	93	300325	31.32	ng	95
12) 1,3-Dichlorobenzene	6.41	146	314586	31.08	ng	# 94
13) 1,4-Dichlorobenzene	6.49	146	315002	30.48	ng	94
14) 1,2-Dichlorobenzene	6.65	146	310207	33.69	ng	# 94
15) Benzyl Alcohol	6.64	79	236409	38.12	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	344268	30.05	ng	96
17) 2-Methylphenol	6.76	107	254850	33.39	ng	98
18) Hexachloroethane	6.99	117	122174	33.14	ng	# 87
19) n-Nitroso-di-n-propylamine	6.91	70	209732	34.33	ng	97
20) 3+4-Methylphenols	6.92	107	334936	36.55	ng	97
22) Acetophenone	6.90	105	431746	31.42	ng	# 98
24) Nitrobenzene	7.07	77	327255	31.96	ng	# 88
25) Isophorone	7.31	82	586171	28.55	ng	97
26) 2-Nitrophenol	7.39	139	168154	33.34	ng	# 88
27) 2,4-Dimethylphenol	7.45	122	293037	32.71	ng	99
28) bis(2-Chloroethoxy)methane	7.54	93	399344	32.15	ng	99
29) 2,4-Dichlorophenol	7.63	162	244560	31.12	ng	87
30) 1,2,4-Trichlorobenzene	7.71	180	244198	31.11	ng	98
31) Naphthalene	7.79	128	914711	33.72	ng	99
32) Benzoic acid	7.59	122	144588	23.51	ng	94
33) 4-Chloroaniline	7.85	127	220680	19.61	ng	96
34) Hexachlorobutadiene	7.92	225	135553	32.73	ng	99
35) Caprolactam	8.22	113	85685m	32.94	ng	
36) 4-Chloro-3-methylphenol	8.35	107	297864	33.54	ng	91
37) 2-Methylnaphthalene	8.48	142	547869	32.47	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	227590	33.25	ng	99
40) Hexachlorocyclopentadiene	8.64	237	233867	69.24	ng	99

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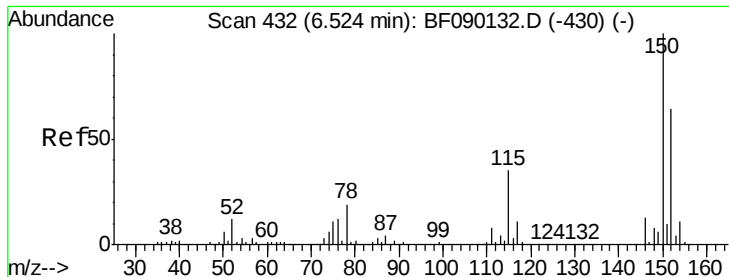
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	160034	32.81	nq	99
43) 2,4,5-Trichlorophenol	8.81	196	173340	34.32	nq	98
45) 1,1'-Biphenyl	8.95	154	712070	33.37	nq	97
46) 2-Chloronaphthalene	8.96	162	503101	31.96	nq	97
47) 2-Nitroaniline	9.06	65	155041	32.67	nq	# 76
48) Acenaphthylene	9.37	152	785108	30.71	nq	99
49) Dimethylphthalate	9.26	163	602270	31.71	nq	99
50) 2,6-Dinitrotoluene	9.31	165	132453	31.29	nq	92
51) Acenaphthene	9.54	154	482783	31.82	nq	99
52) 3-Nitroaniline	9.47	138	103611	20.87	nq	86
53) 2,4-Dinitrophenol	9.59	184	131320	56.42	nq	# 88
54) Dibenzofuran	9.71	168	693502	34.73	nq	95
55) 4-Nitrophenol	9.67	139	228502	67.20	nq	91
56) 2,4-Dinitrotoluene	9.71	165	163787	32.72	nq	98
57) Fluorene	10.06	166	555989	36.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	134888	35.67	nq	99
59) Diethylphthalate	9.95	149	597738	32.59	nq	100
60) 4-Chlorophenyl-phenylether	10.06	204	231192	33.69	nq	93
61) 4-Nitroaniline	10.09	138	163508	32.32	nq	95
62) Azobenzene	10.22	77	702881	36.81	nq	95
64) 4,6-Dinitro-2-methylphenol	10.12	198	93014	30.25	nq	87
65) n-Nitrosodiphenylamine	10.18	169	552498	34.22	nq	99
66) 4-Bromophenyl-phenylether	10.54	248	151200	31.30	nq	# 76
67) Hexachlorobenzene	10.60	284	174829	31.05	nq	# 80
68) Atrazine	10.72	200	167184	37.79	nq	99
69) Pentachlorophenol	10.80	266	193553	60.56	nq	100
70) Phenanthrene	11.00	178	836894	36.45	nq	99
71) Anthracene	11.05	178	821820	34.12	nq	99
72) Carbazole	11.21	167	822523	32.31	nq	98
73) Di-n-butylphthalate	11.57	149	947971	32.02	nq	100
74) Fluoranthene	12.18	202	889742	36.10	nq	92
76) Benzidine	12.31	184	433573	32.45	nq	98
77) Pyrene	12.40	202	804968	29.47	nq	99
79) Butylbenzylphthalate	13.05	149	442823	33.14	nq	94
80) Benzo(a)anthracene	13.59	228	748728	34.86	nq	99
81) 3,3'-Dichlorobenzidine	13.55	252	199635	22.54	nq	# 96
82) Chrysene	13.62	228	725994	34.70	nq	99
83) Bis(2-ethylhexyl)phthalate	13.61	149	550909	32.22	nq	100
84) Di-n-octyl phthalate	14.22	149	1041764	35.37	nq	99
85) Indeno(1,2,3-cd)pyrene	16.06	276	707441	41.82	nq	97
87) Benzo(b)fluoranthene	14.57	252	708854m	31.48	nq	
88) Benzo(k)fluoranthene	14.59	252	728394m	34.46	nq	
89) Benzo(a)pyrene	14.87	252	722008	34.08	nq	99
90) Dibenzo(a,h)anthracene	16.08	278	600001	36.30	nq	97
91) Benzo(g,h,i)perylene	16.40	276	580530	35.88	nq	97

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



#1

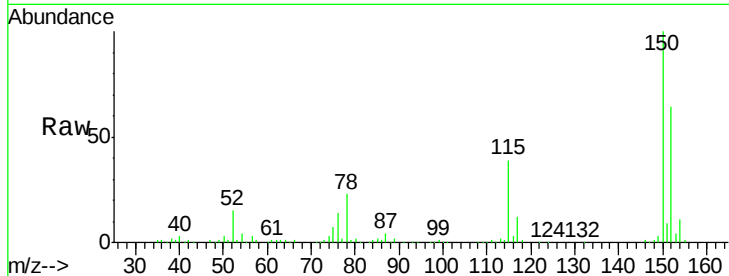
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.48 min Scan# 428
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	128.9	193.3
115	60.1	55.5	83.3

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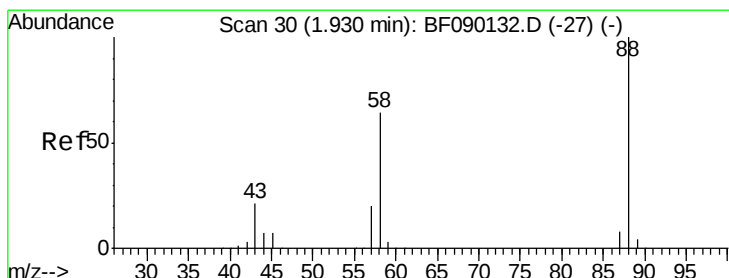
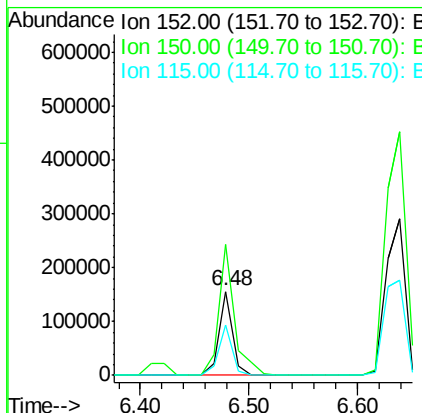
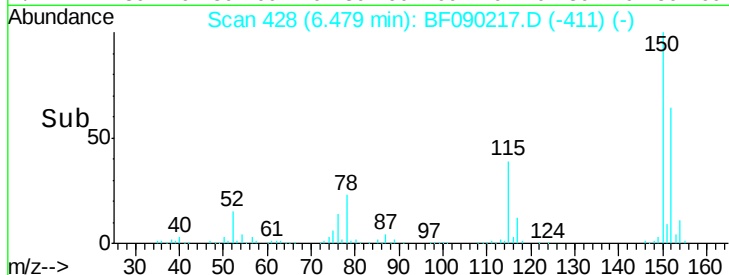


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

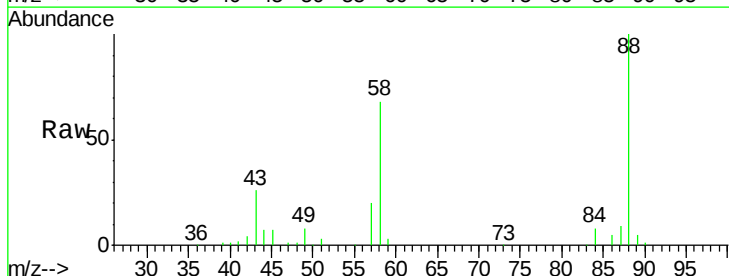
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 22.14 ng
RT: 1.93 min Scan# 30
Delta R.T. 0.09 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.1	53.4	80.0
43	21.4	16.5	24.7

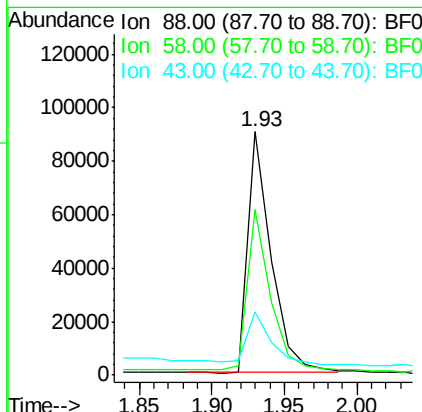
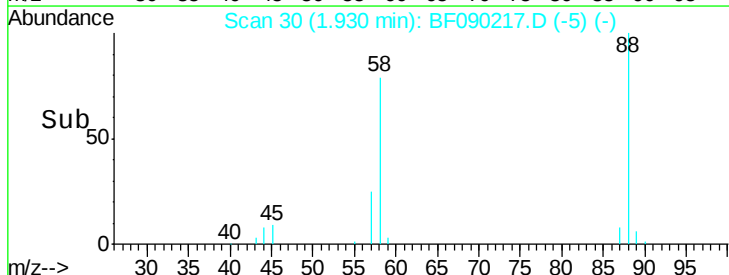


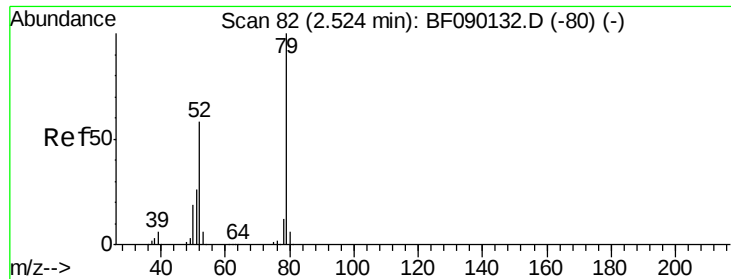
Abundance

Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





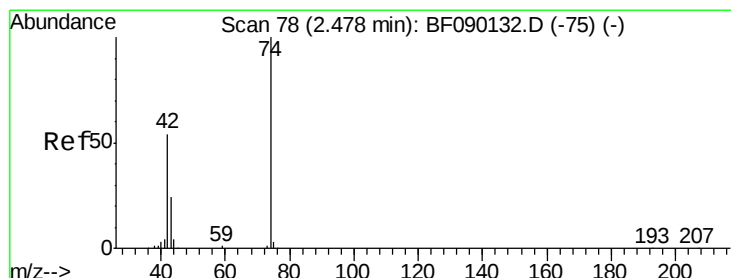
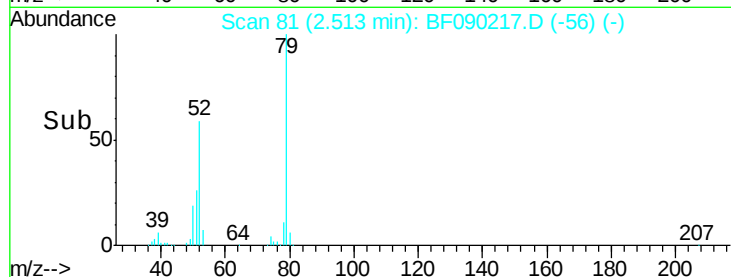
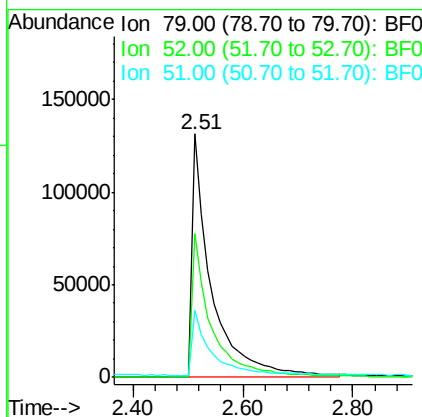
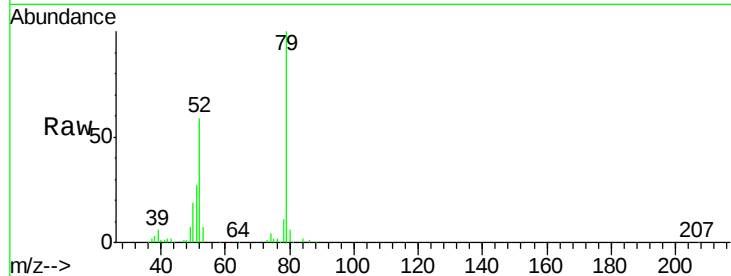
#3
 Pvridine
 Concen: 32.38 ng/ml
 RT: 2.51 min Scan# 81
 Delta R.T. 0.09 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion:	79	Resp:	320826
Ion Ratio	Lower	Upper	
79	100		
52	59.0	45.9	68.9
51	27.3	21.3	31.9

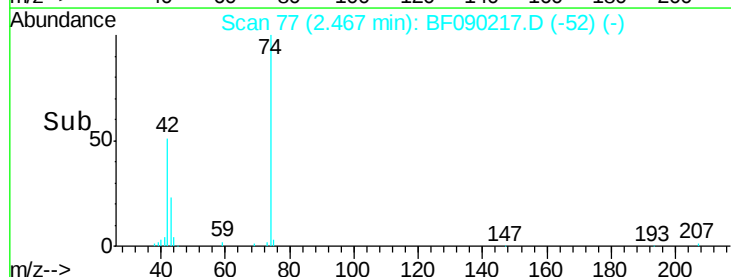
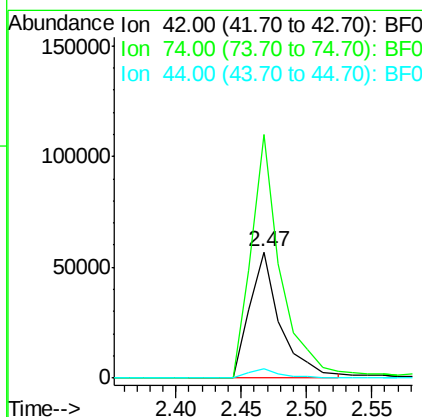
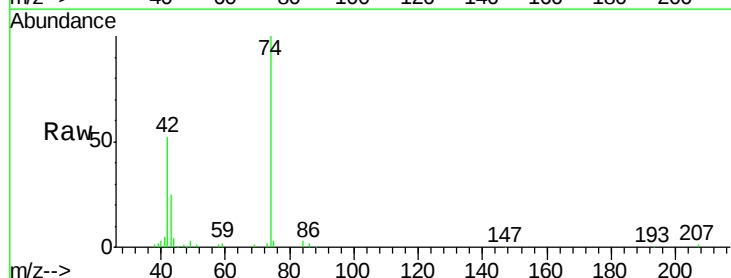
Manual Integrations
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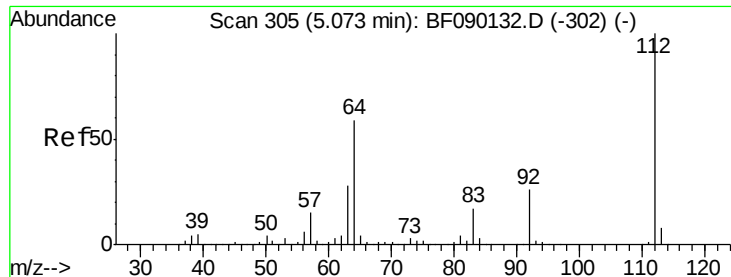
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#4
 n-Nitrosodimethylamine
 Concen: 31.41 ng/ml
 RT: 2.47 min Scan# 77
 Delta R.T. 0.09 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion:	42	Resp:	92886
Ion Ratio	Lower	Upper	
42	100		
74	193.4	158.7	238.1
44	7.5	6.4	9.6





#5

2-Fluorophenol

Concen: 99.50 ng

RT: 5.05 min Scan# 303

Delta R.T. 0.02 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

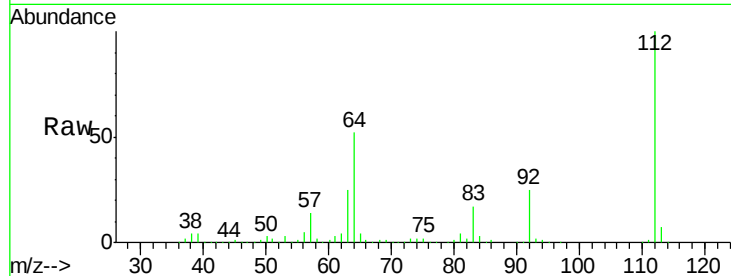
ClientSampled :

PB93576BS

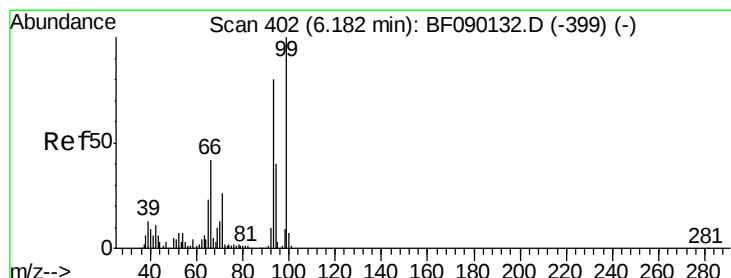
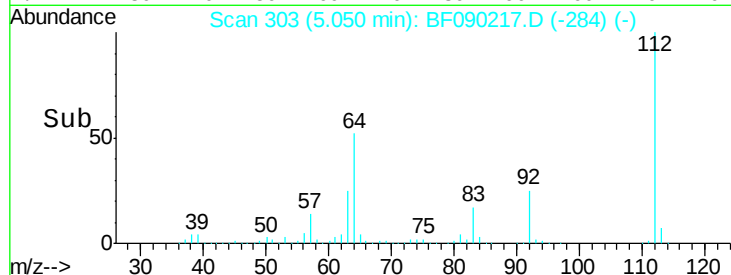
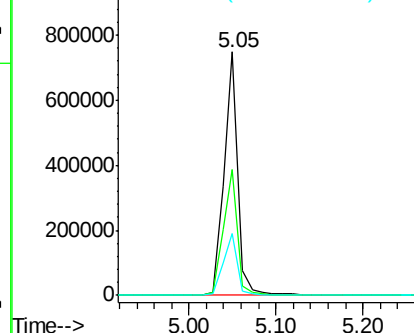
Tot Ion:	112	Resp:	837885
Ion Ratio	Lower	Upper	
112	100		
64	51.6	39.8	59.6
63	25.4	18.9	28.3

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Abundance Ion 112.00 (111.70 to 112.70): BF0
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.42 ng

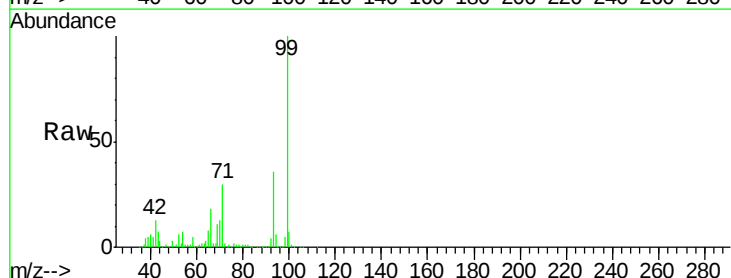
RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

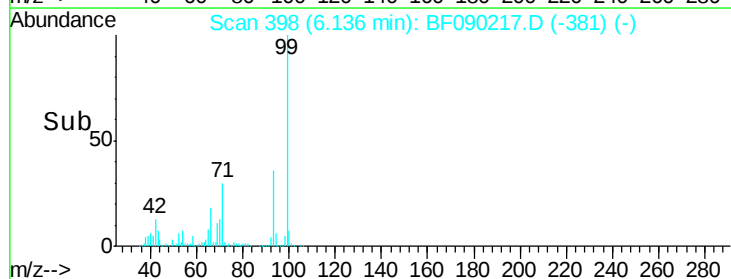
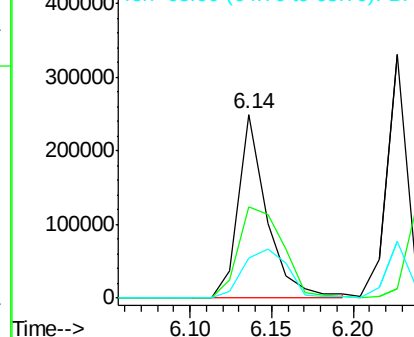
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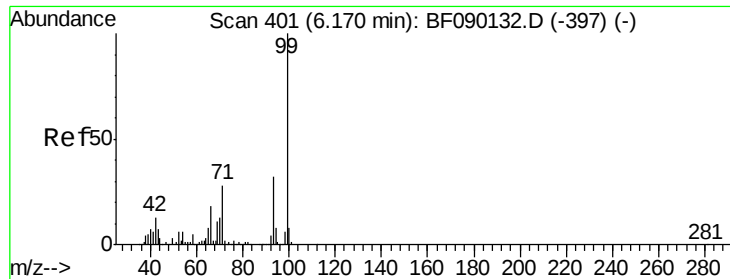
Acq: 26 Sep 2016 13:24

Tgt Ion:	93	Resp:	303651
Ion Ratio	Lower	Upper	
93	100		
66	49.5	54.2	81.2#
65	21.8	33.8	50.6#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 107.45 ng

RT: 6.14 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

ClientSampleId :

PB93576BS

Tot Ion: 99 Resp: 1117507

Ion Ratio Lower Upper

99 100

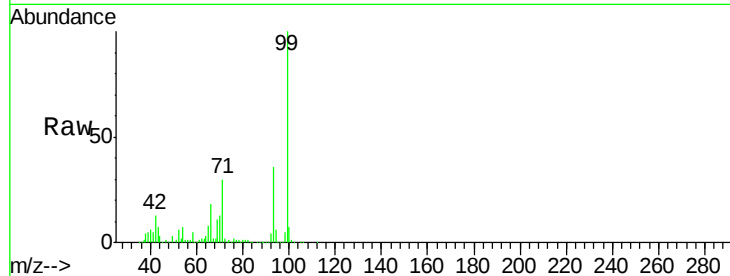
42 13.3 10.6 15.8

71 29.5 23.0 34.6

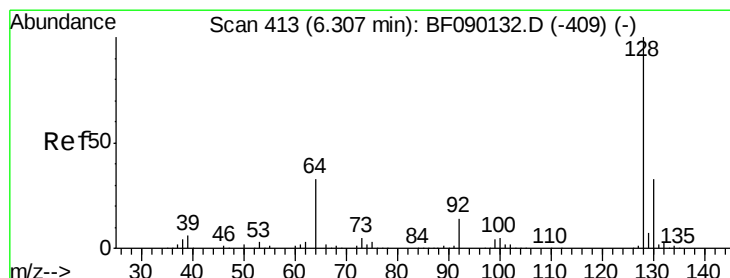
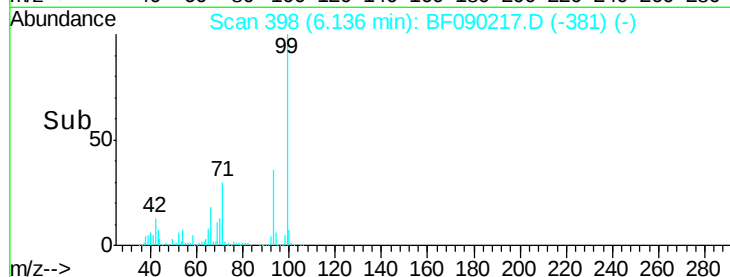
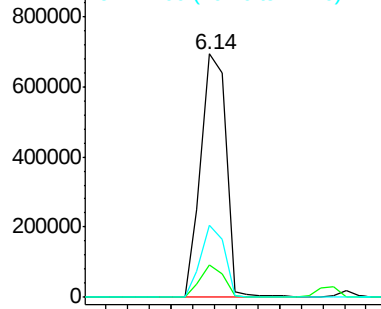
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 31.74 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

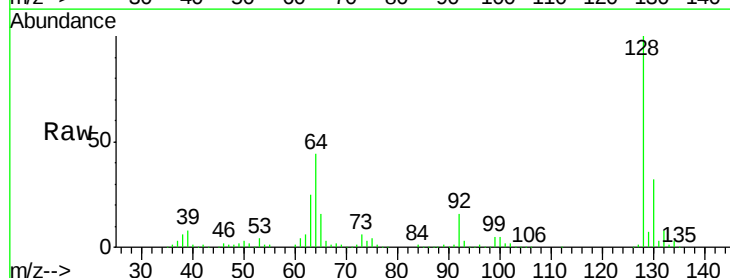
Tgt Ion: 128 Resp: 307559

Ion Ratio Lower Upper

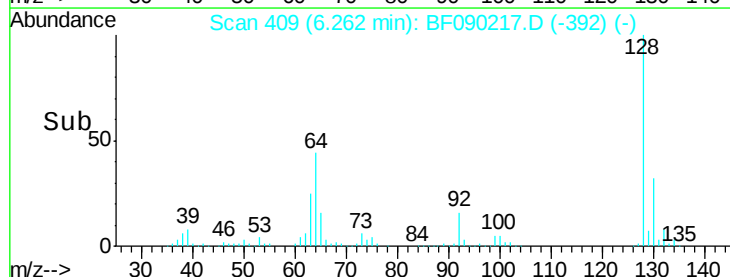
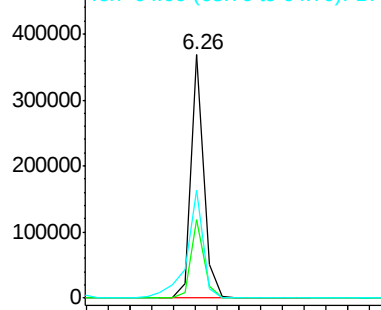
128 100

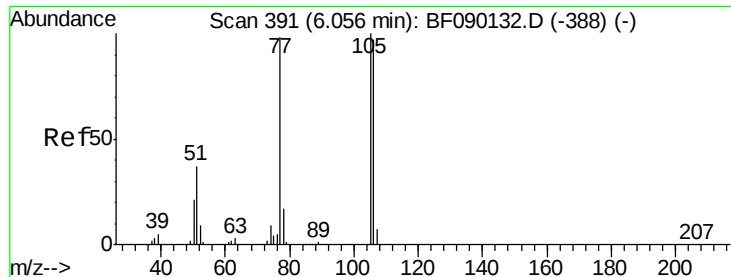
130 32.1 12.0 52.0

64 44.1 33.6 73.6



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: 36.69 ng

RT: 6.01 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

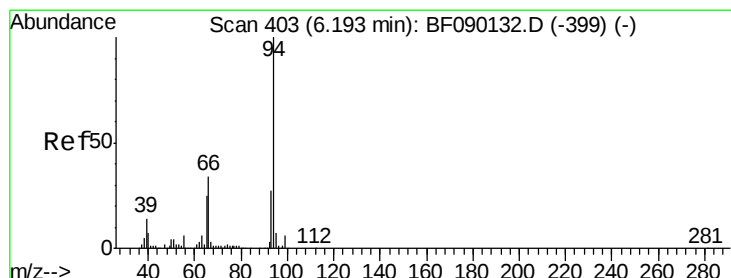
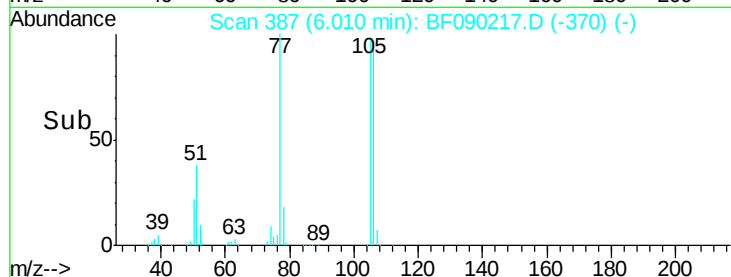
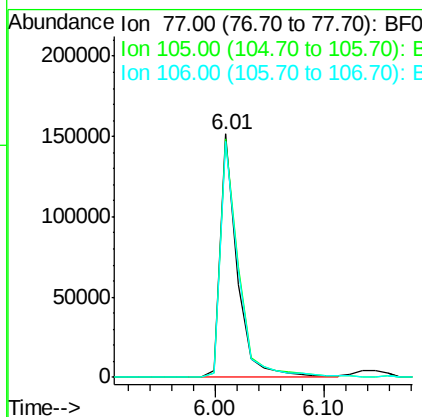
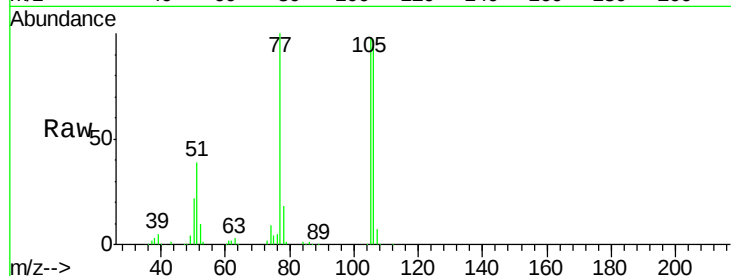
ClientSampleId :

PB93576BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	98.0		83.0	123.0	
106	96.8		78.5	118.5	

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#10

Phenol

Concen: 26.88 ng

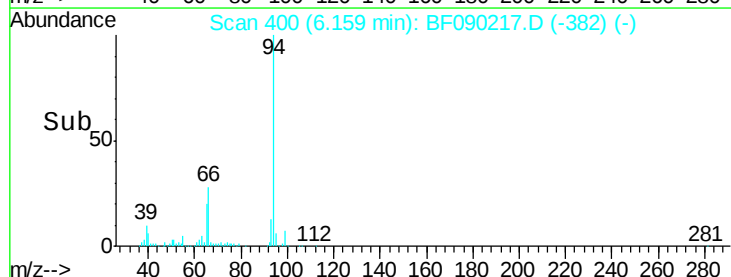
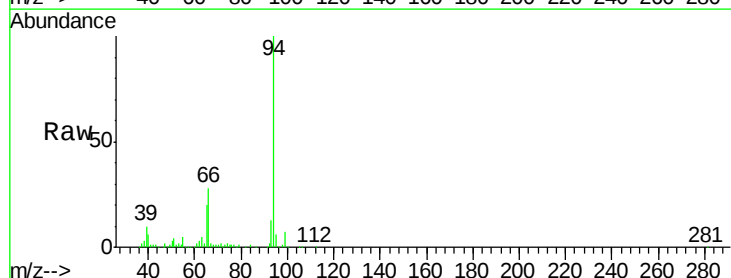
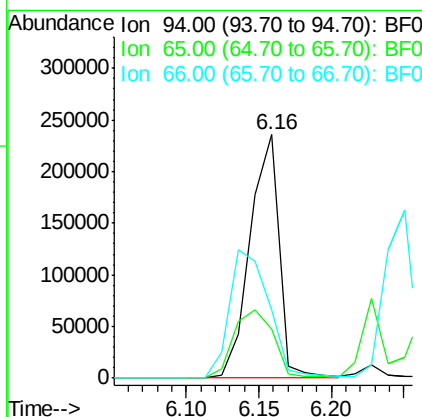
RT: 6.16 min Scan# 400

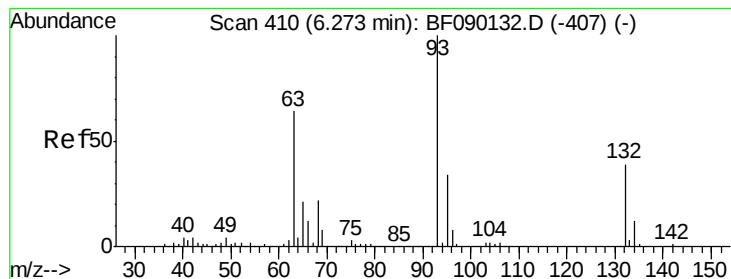
Delta R.T. 0.01 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	20.3		20.6	60.6#	
66	28.1		45.1	85.1#	





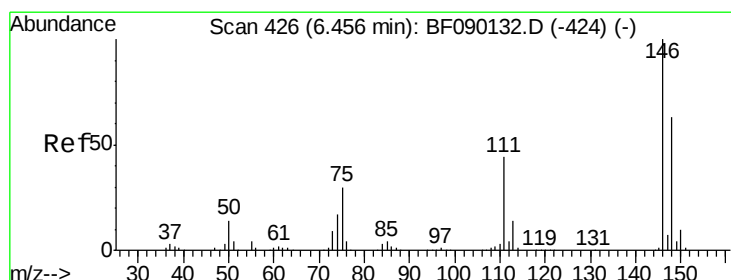
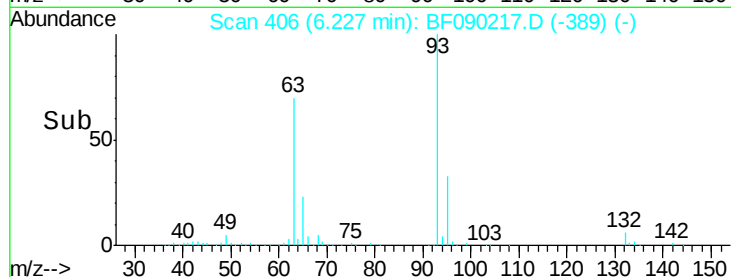
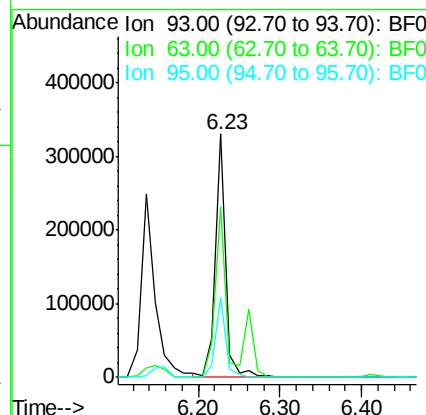
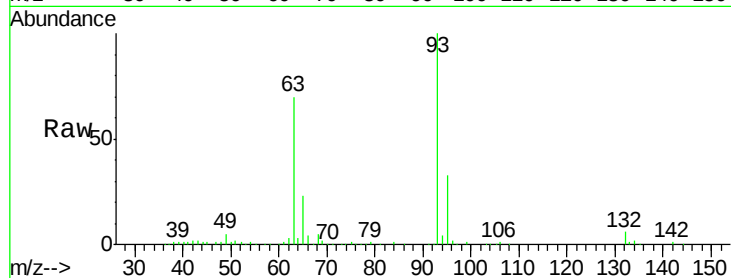
#11
bis(2-Chloroethyl)ether
Concen: 31.32 ng
RT: 6.23 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	300325		
63	70.4	55.6	95.6	
95	33.0	12.6	52.6	

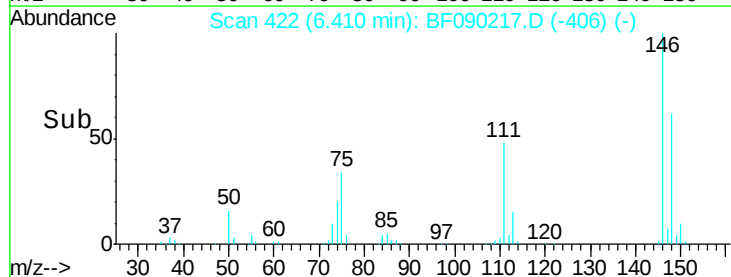
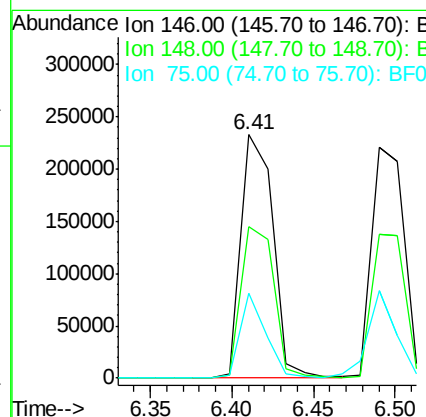
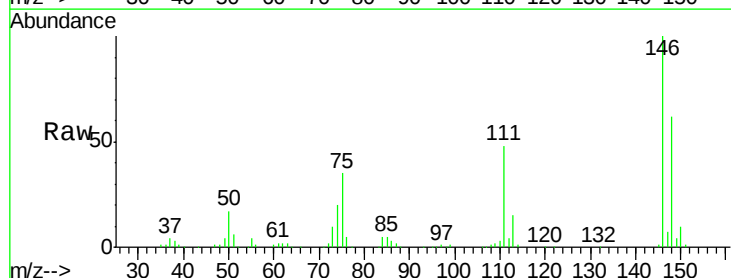
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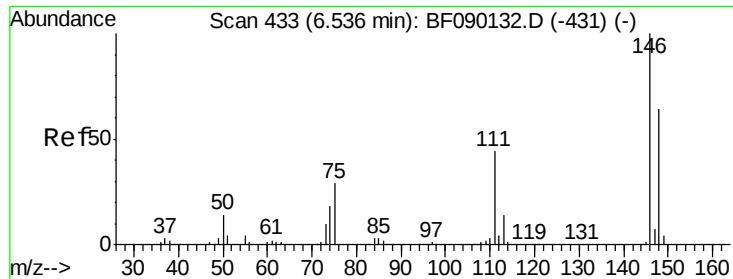
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#12
1,3-Dichlorobenzene
Concen: 31.08 ng
RT: 6.41 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	314586		
148	62.0	51.9	77.9	
75	35.0	22.8	34.2	





#13

1,4-Dichlorobenzene

Concen: 30.48 ng

RT: 6.49 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

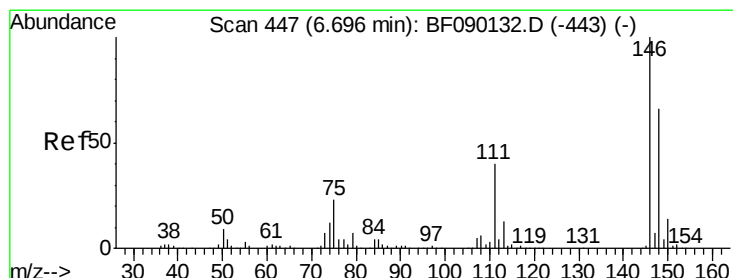
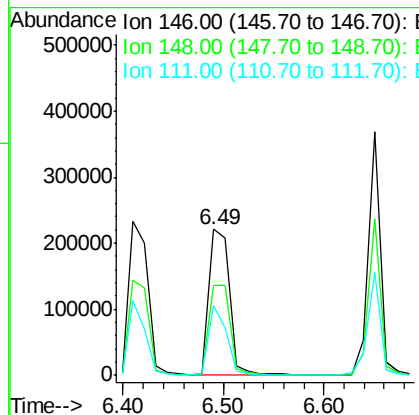
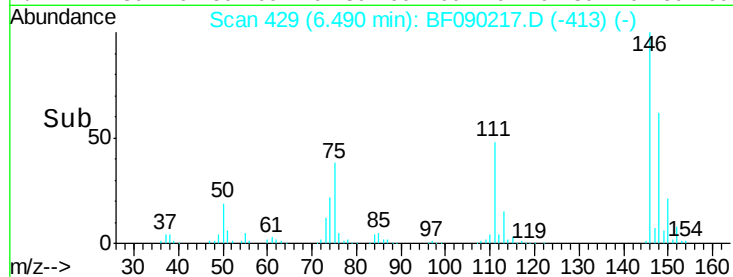
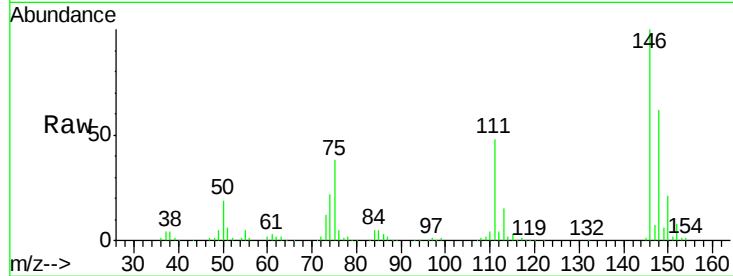
ClientSampled :

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Tot Ion:	146	Resp:	315002
Ion Ratio	Lower	Upper	
146	100		
148	62.1	52.0	78.0
111	47.8	33.8	50.6

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#14

1,2-Dichlorobenzene

Concen: 33.69 ng

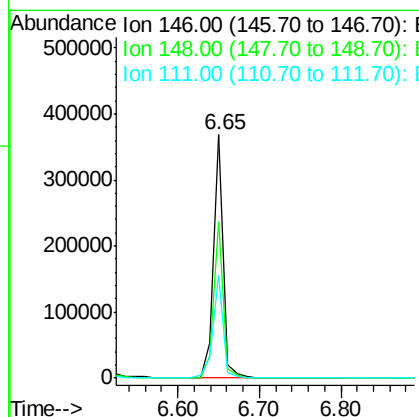
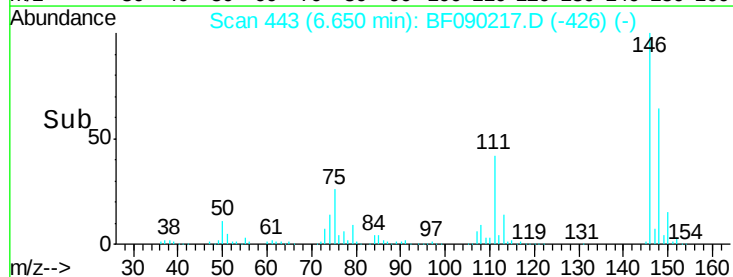
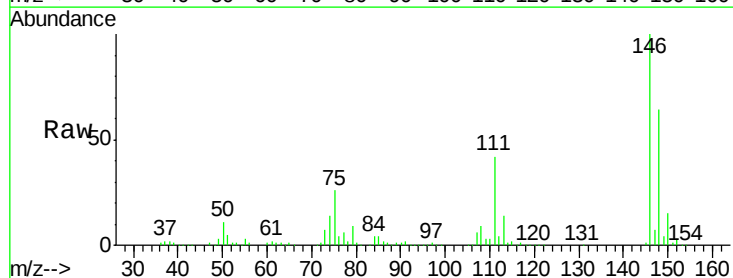
RT: 6.65 min Scan# 443

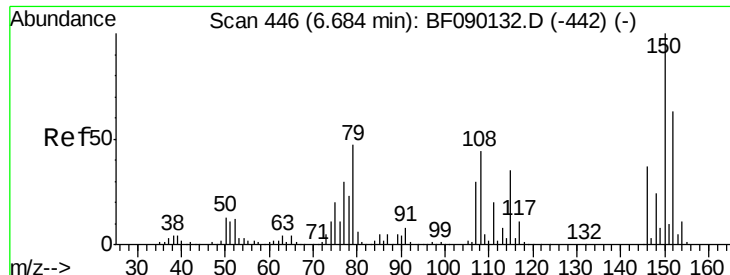
Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	146	Resp:	310207
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.6	79.0
111	42.3	28.2	42.2#





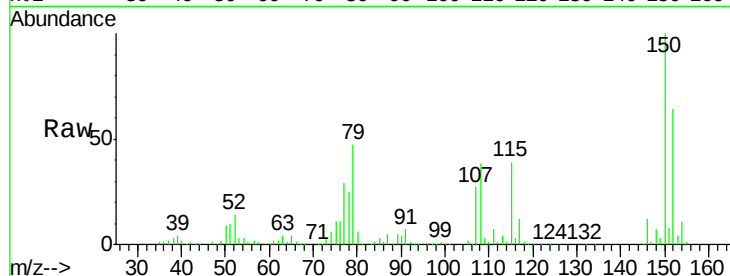
#15
Benzyl Alcohol
Concen: 38.12 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

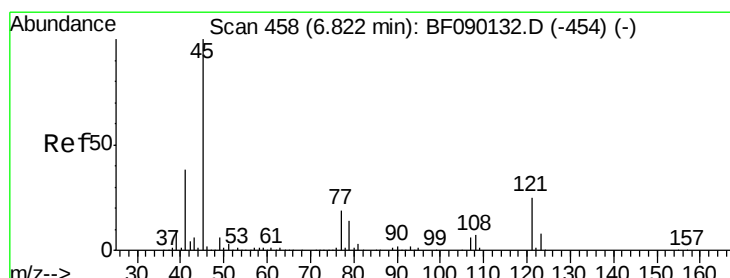
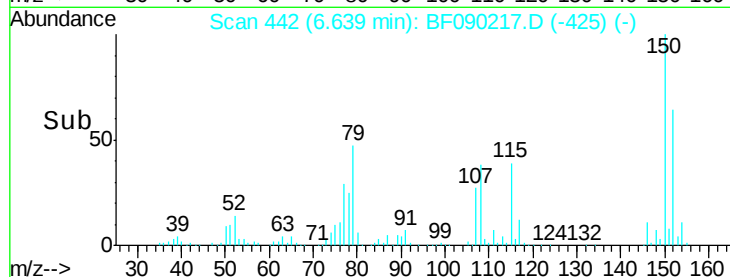
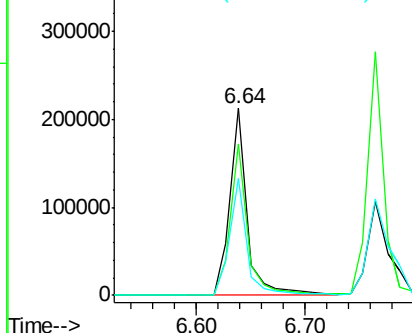
Tot Ion	Ratio	Lower	Upper
79	100		
108	81.1	62.2	93.4
77	62.6	51.4	77.0

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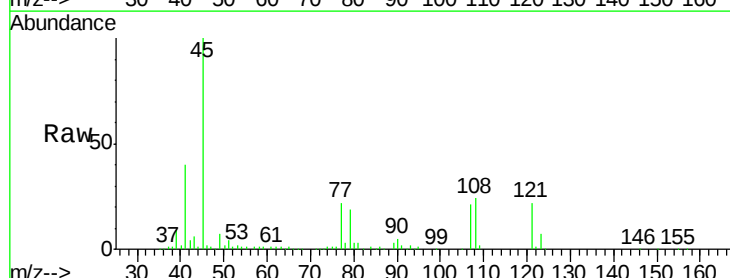


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

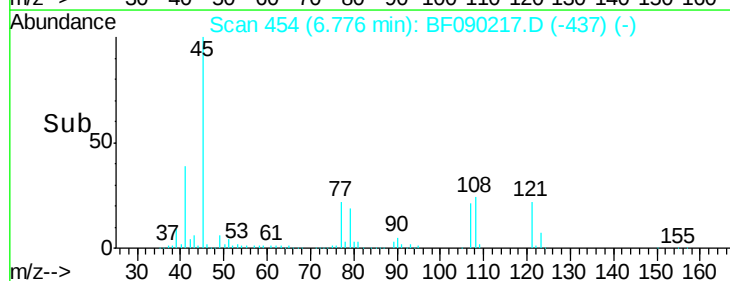
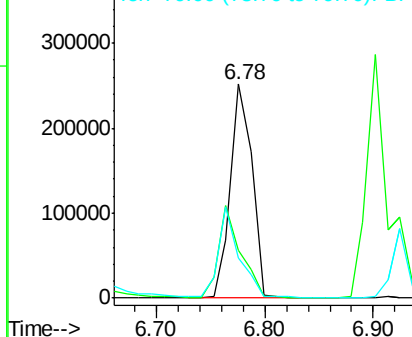


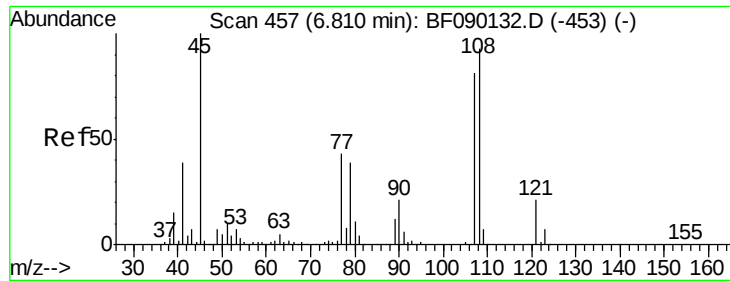
#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.05 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
45	100		
77	22.2	0.5	40.5
79	18.9	0.0	37.0



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 33.39 ng

RT: 6.76 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

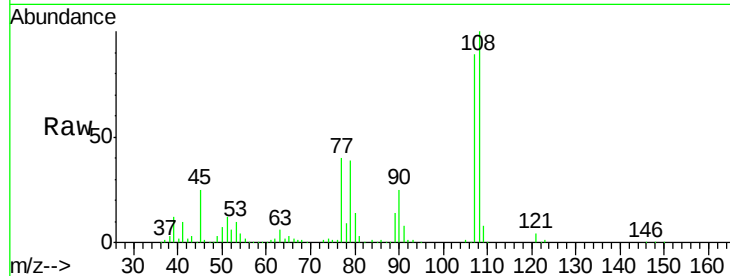
ClientSampleId :

PB93576BS

Tot Ion:	107	Resp:	254850
Ion Ratio	Lower	Upper	
107	100		
108	111.8	92.0	138.0
77	44.3	35.6	53.4
79	43.3	35.2	52.8

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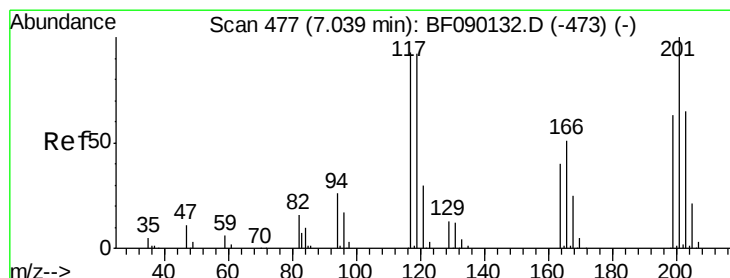
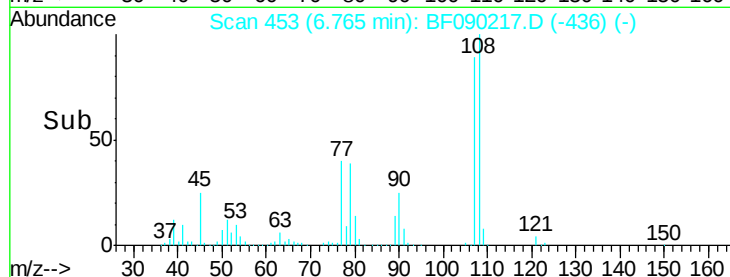
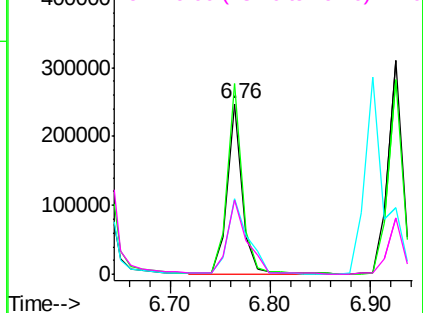


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 33.14 ng

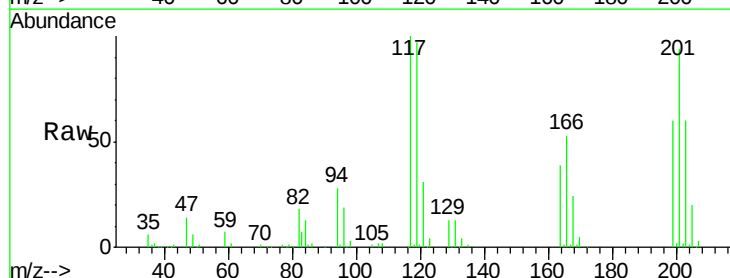
RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

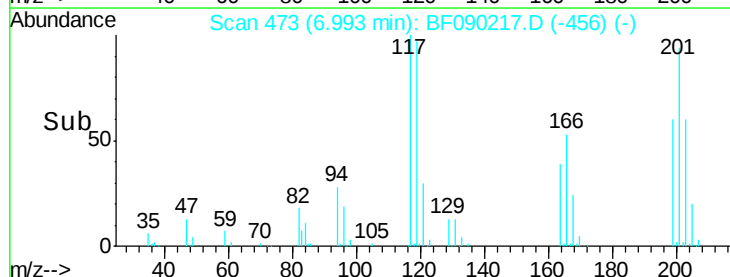
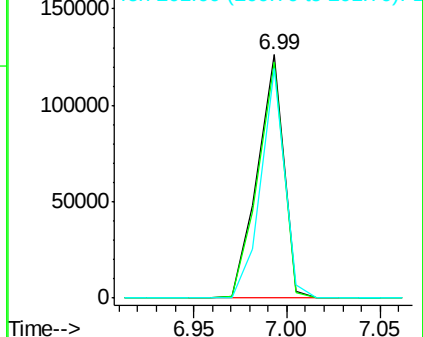
Tgt Ion:	117	Resp:	122174
Ion Ratio	Lower	Upper	
117	100		
119	97.1	76.6	115.0
201	94.1	55.5	83.3#

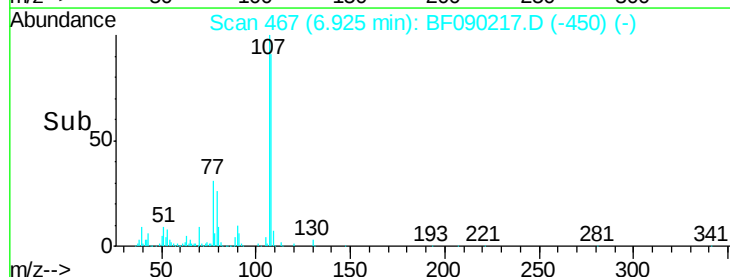
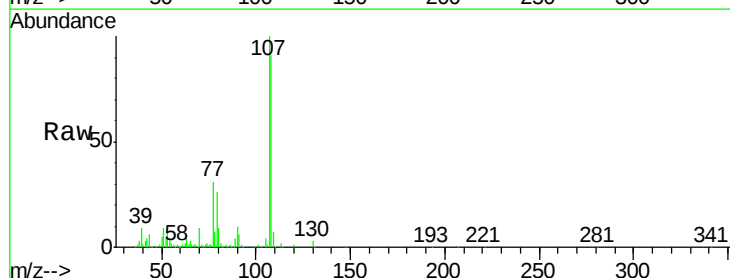
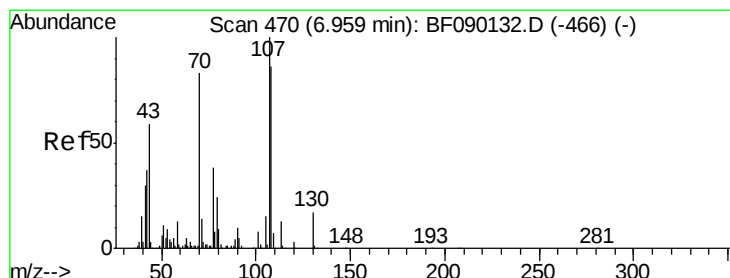
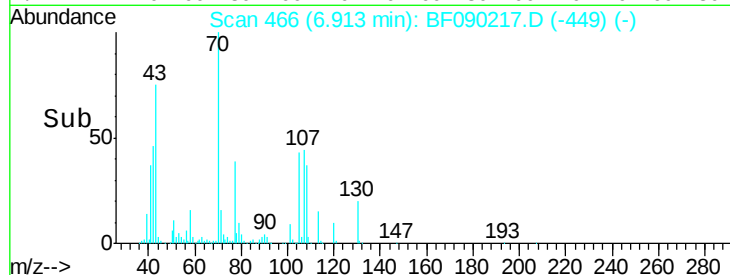
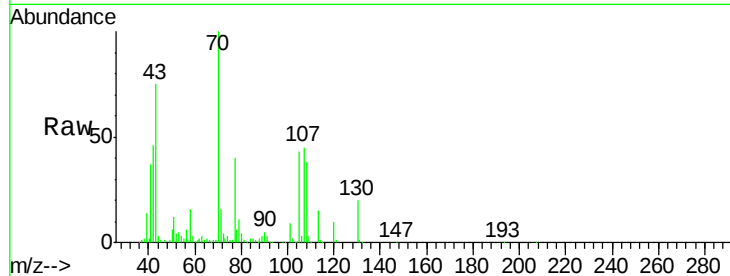
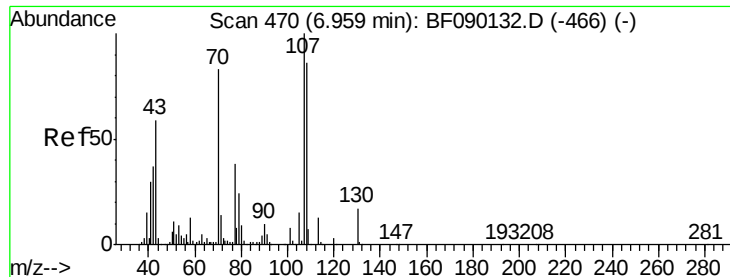


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

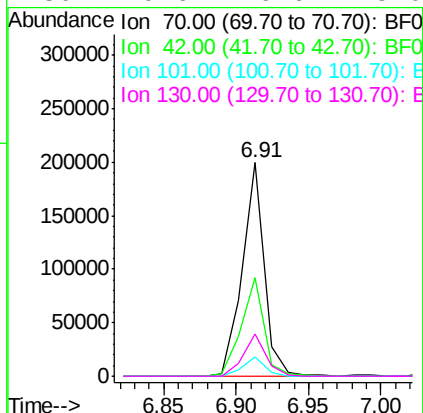
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 34.33 ng
RT: 6.91 min Scan# 466
Delta R.T. -0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.0	35.1	52.7
101	9.2	7.5	11.3
130	19.6	16.6	25.0



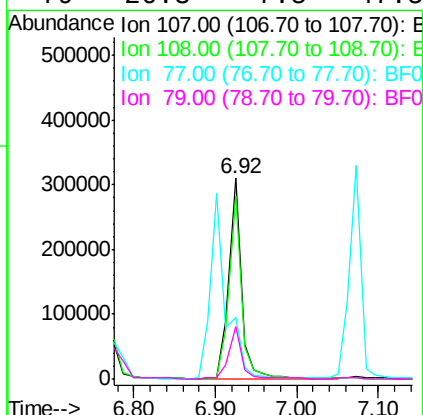
Instrument :
BNA_F
ClientSampleId :
PB93576BS

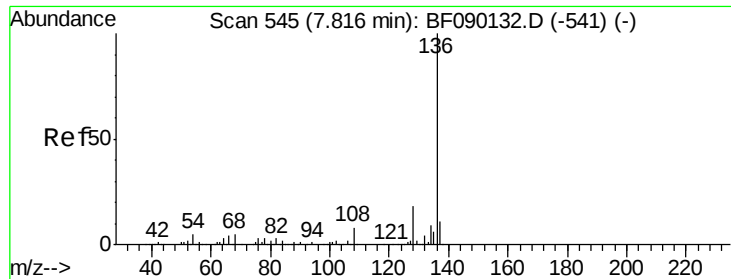
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#20
3+4-Methylphenols
Concen: 36.55 ng
RT: 6.92 min Scan# 467
Delta R.T. -0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.1	73.3	113.3
77	30.9	14.1	54.1
79	26.3	7.5	47.5





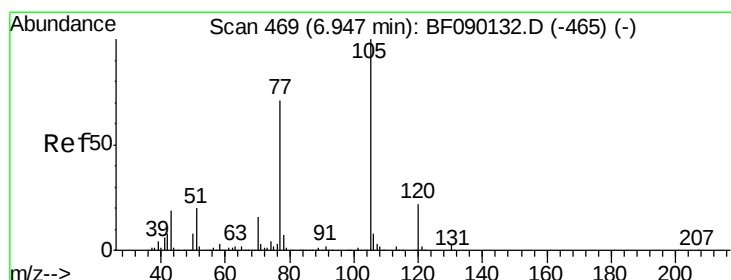
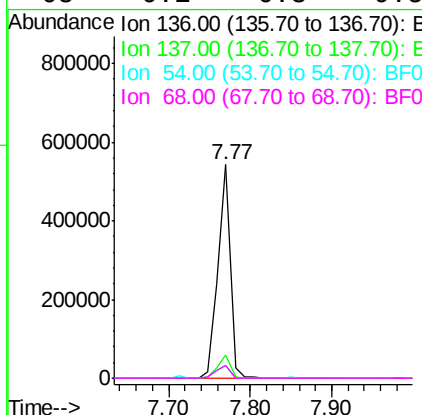
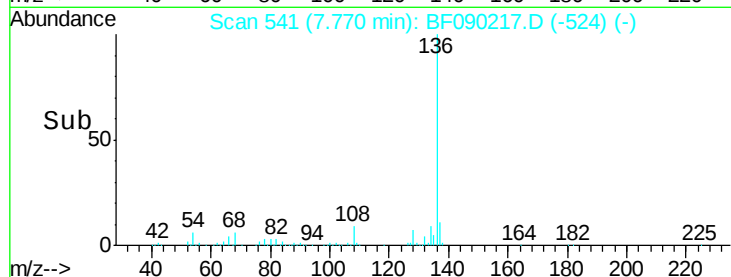
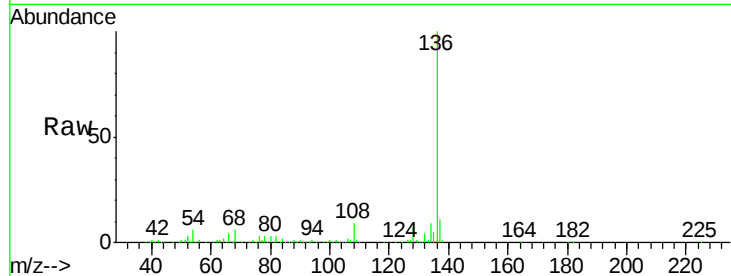
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	569759		
137	10.7	9.0	13.4	
54	5.9	6.4	9.6	
68	6.1	6.3	9.5	

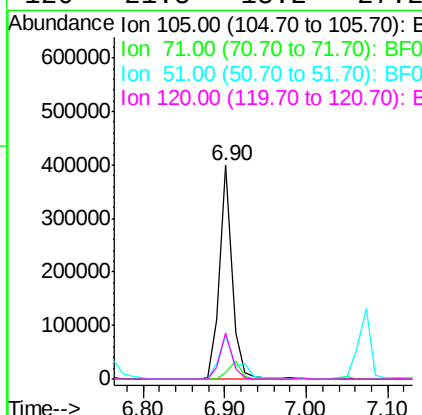
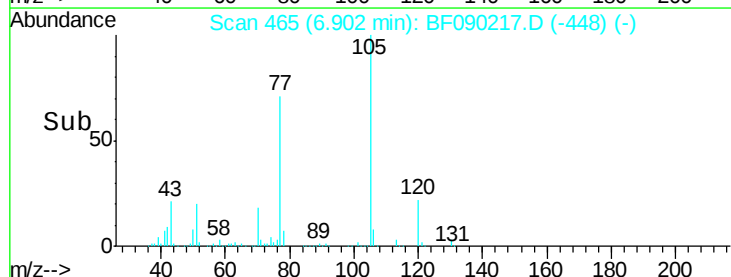
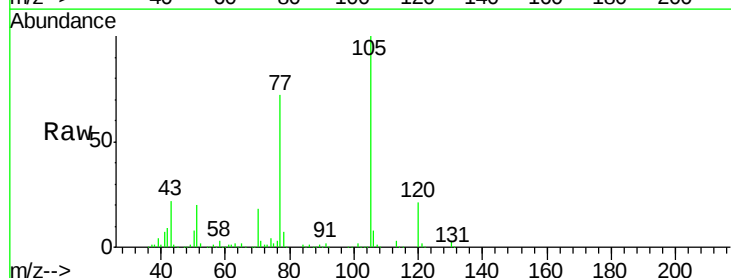
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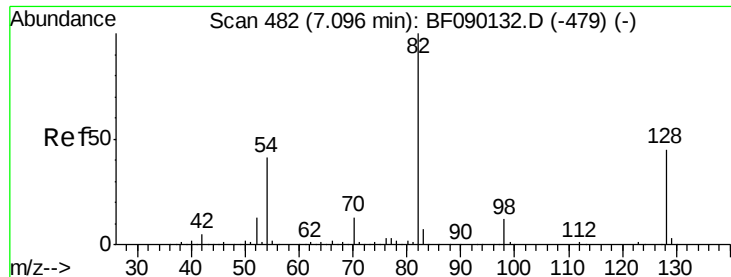
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#22
Acetophenone
Concen: 31.42 ng
RT: 6.90 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	431746		
71	3.0	4.1	6.1	
51	20.2	16.2	24.2	
120	21.5	18.2	27.2	





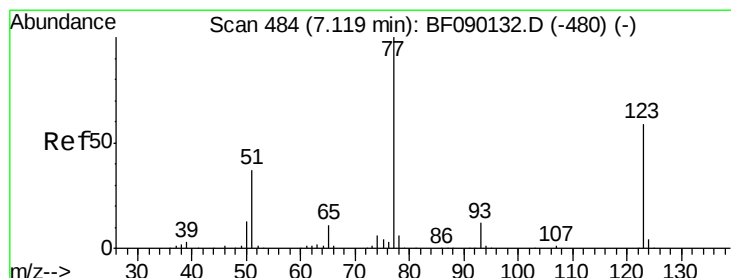
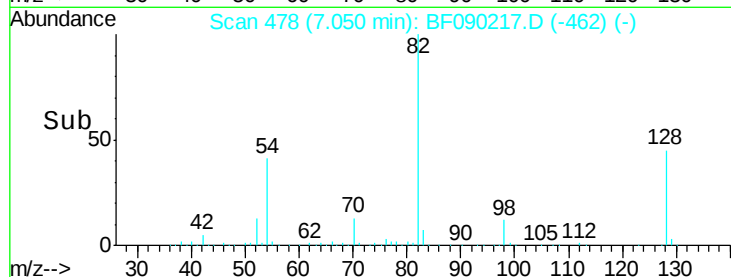
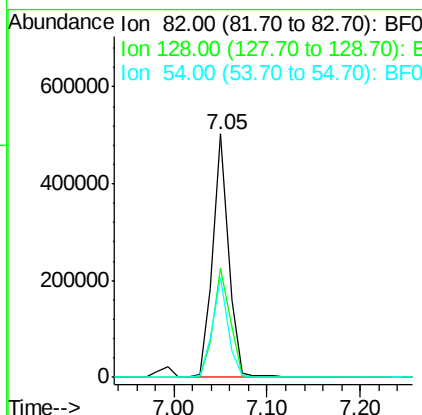
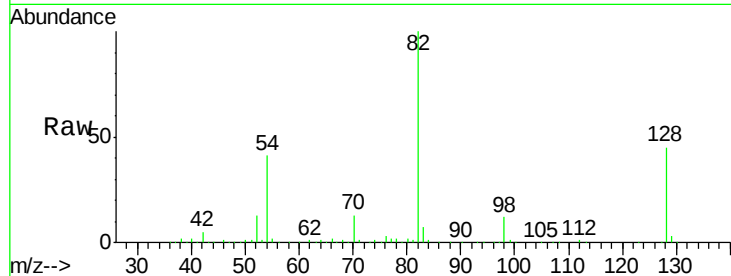
#23
Nitrobenzene-d5
Concen: 61.29 ng
RT: 7.05 min Scan# 478
Delta R.T. -0.01 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.5	56.3
54	41.3	31.9	47.9

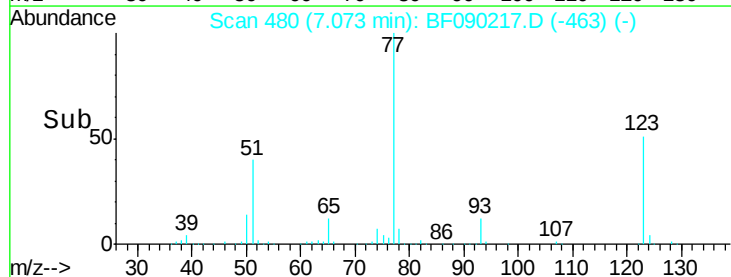
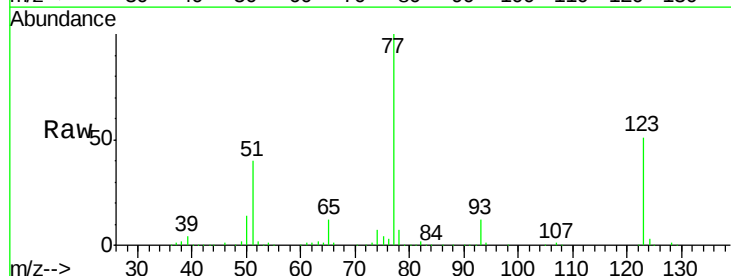
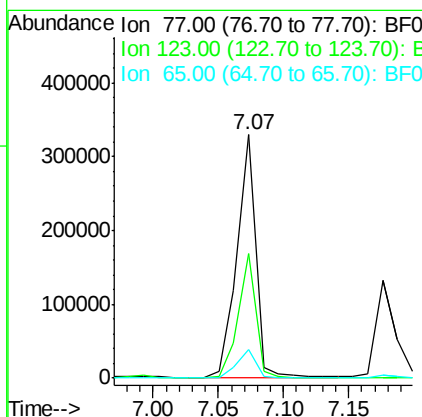
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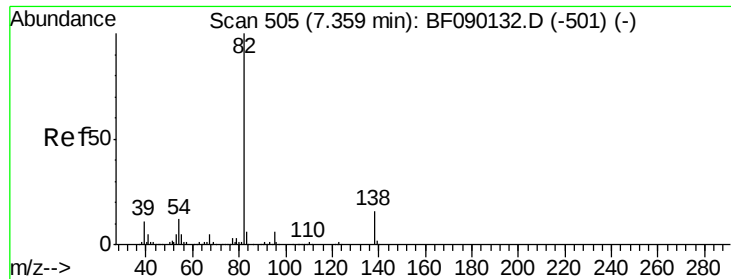
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#24
Nitrobenzene
Concen: 31.96 ng
RT: 7.07 min Scan# 480
Delta R.T. -0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.2	33.4	50.2#
65	11.9	10.1	15.1





#25

Isophorone

Concen: 28.55 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

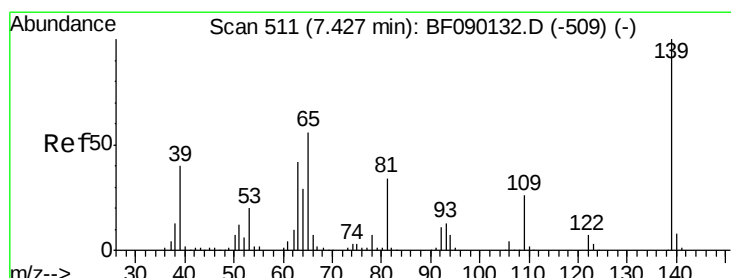
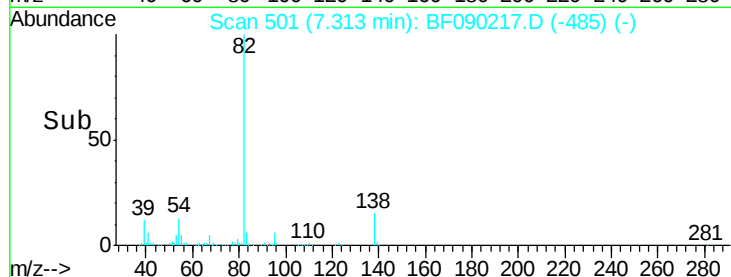
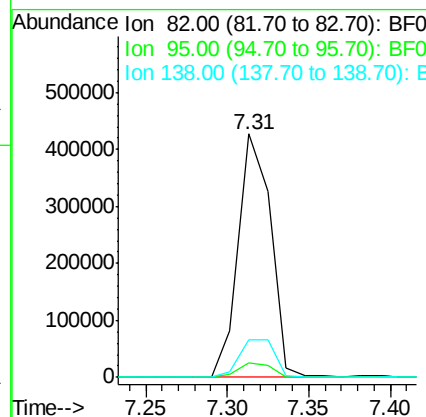
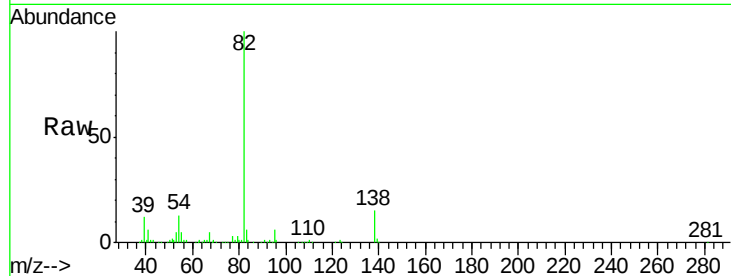
ClientSampled :

PB93576BS

Tot Ion:	82	Resp:	586171
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.1	7.7
138	15.3	13.5	20.3

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#26

2-Nitrophenol

Concen: 33.34 ng

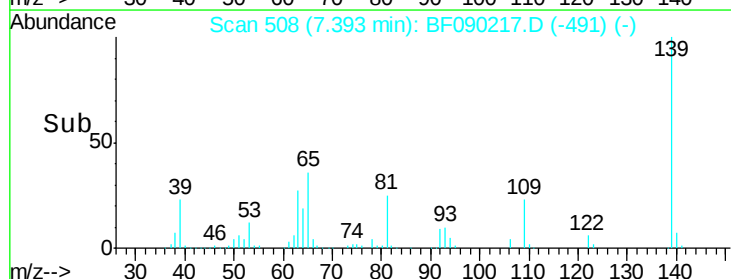
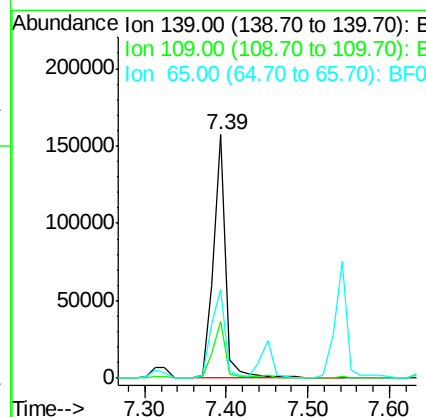
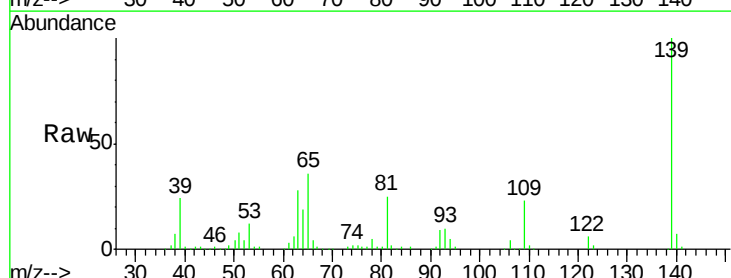
RT: 7.39 min Scan# 508

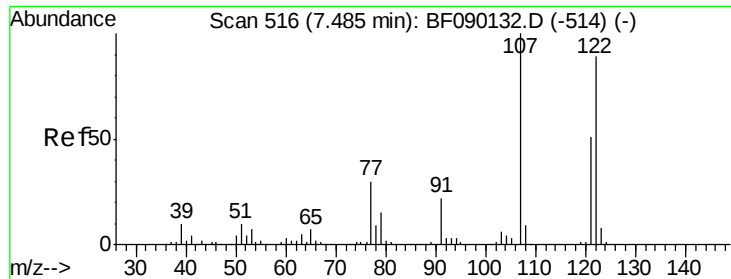
Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	139	Resp:	168154
Ion Ratio	Lower	Upper	
139	100		
109	23.3	20.5	30.7
65	36.3	37.9	56.9#





#27

2,4-Dimethylphenol

Concen: 32.71 ng

RT: 7.45 min Scan# 513

Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

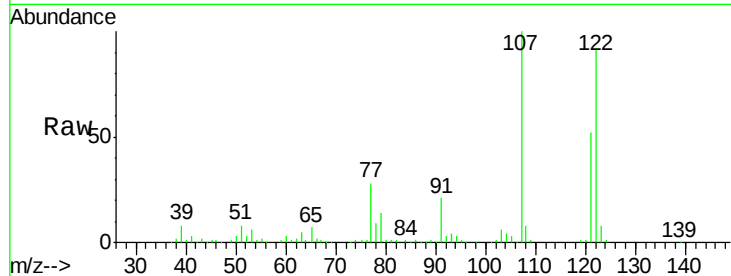
ClientSampled :

PB93576BS

Tot Ion:	122	Resp:	293037
Ion Ratio	Lower	Upper	
122	100		
107	108.8	87.8	131.6
121	57.0	45.7	68.5

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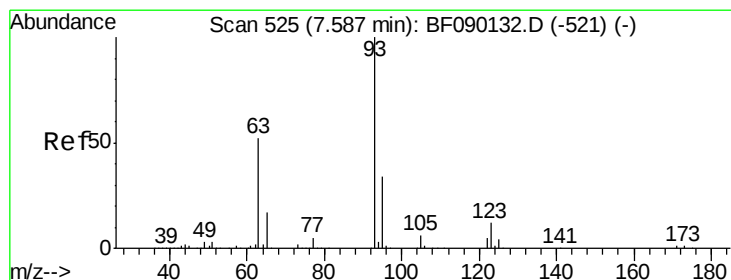
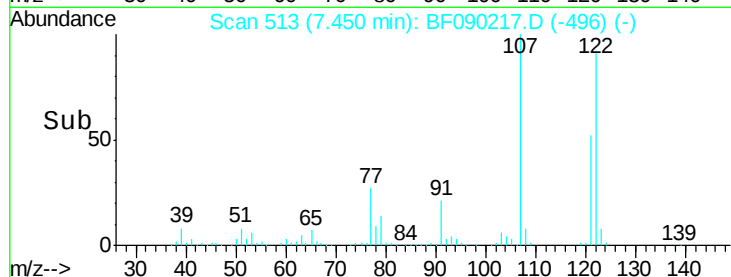
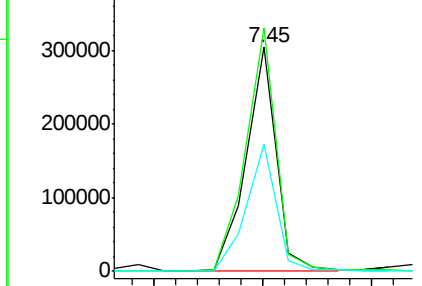
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Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 32.15 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090217.D

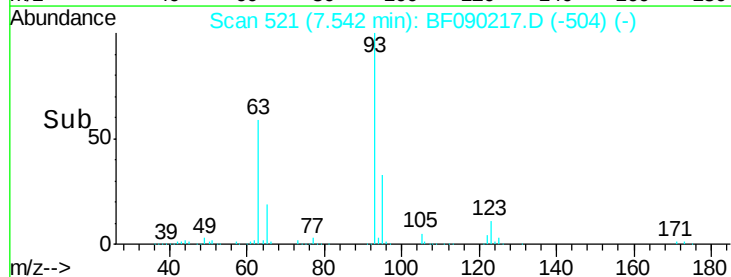
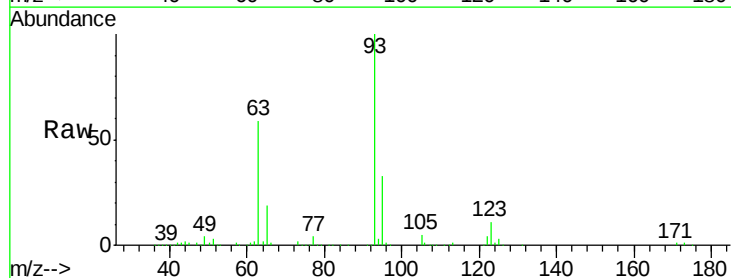
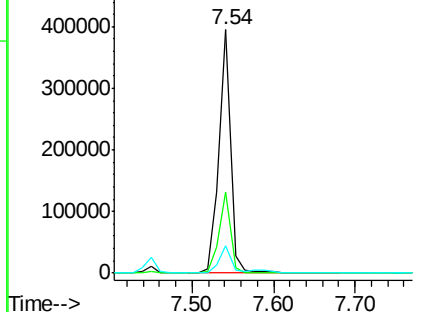
Acq: 26 Sep 2016 13:24

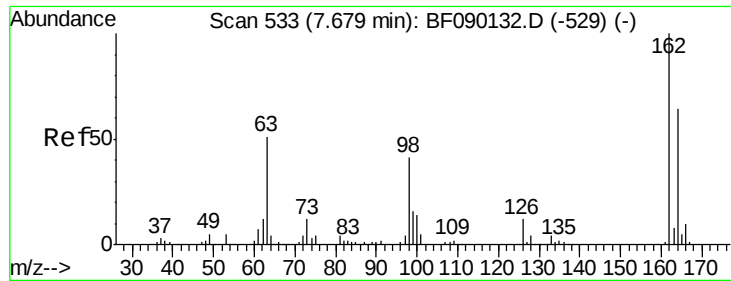
Tgt Ion:	93	Resp:	399344
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.8	40.2
123	11.2	8.5	12.7

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





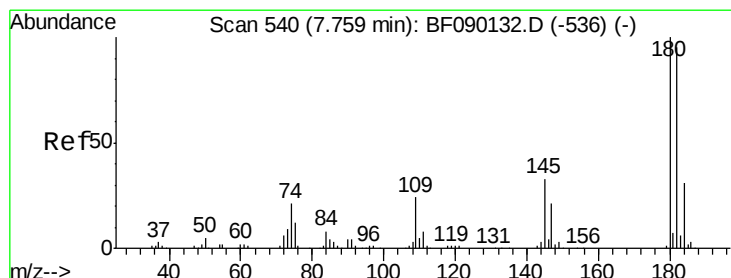
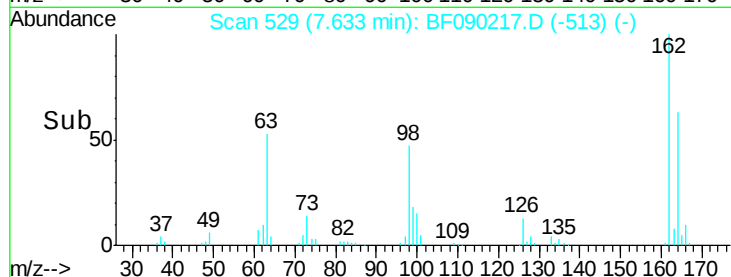
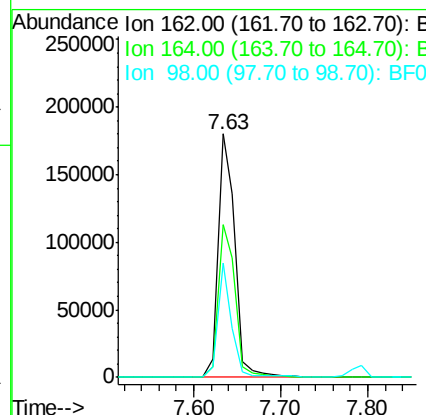
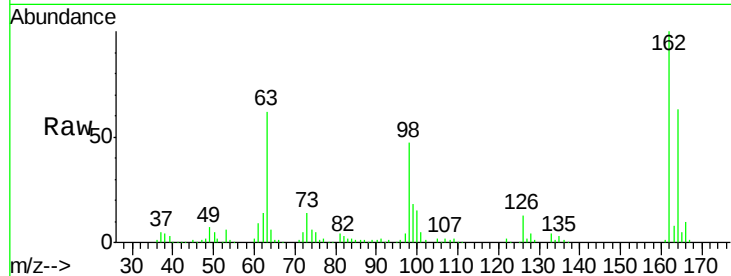
#29
 2,4-Dichlorophenol
 Concen: 31.12 ng
 RT: 7.63 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampled :
 PB93576BS

Tot Ion:	162	Resp:	244560
Ion Ratio	Lower	Upper	
162	100		
164	62.9	46.2	86.2
98	47.2	10.4	50.4

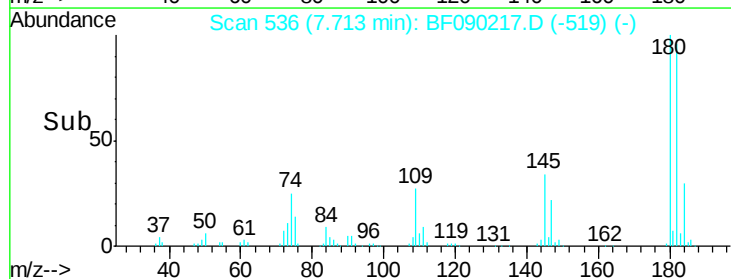
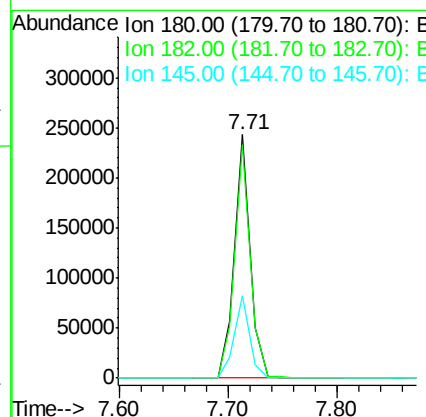
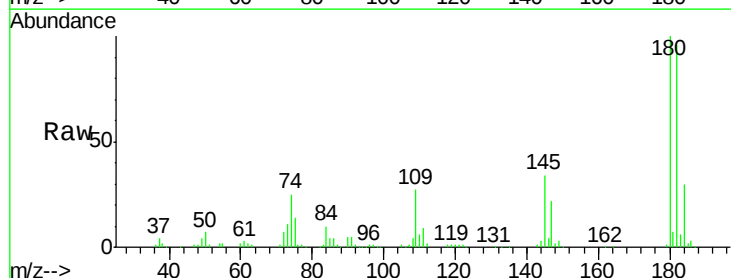
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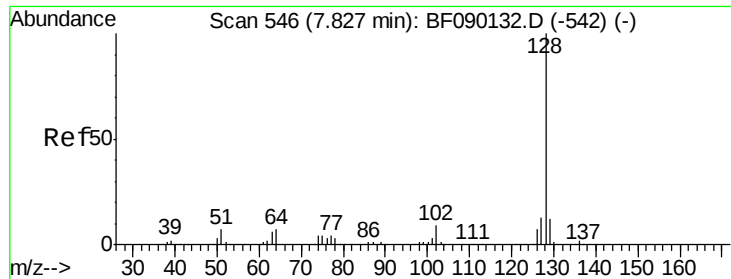
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.11 ng
 RT: 7.71 min Scan# 536
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion:	180	Resp:	244198
Ion Ratio	Lower	Upper	
180	100		
182	95.7	75.0	112.6
145	33.8	28.6	42.8





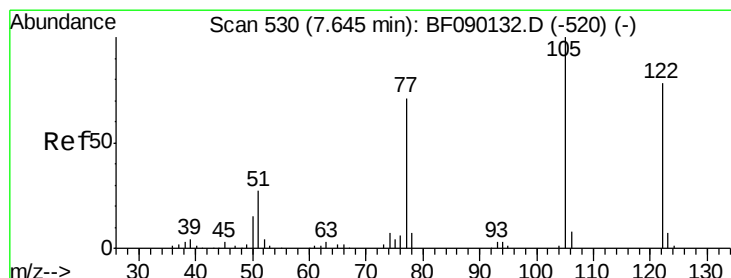
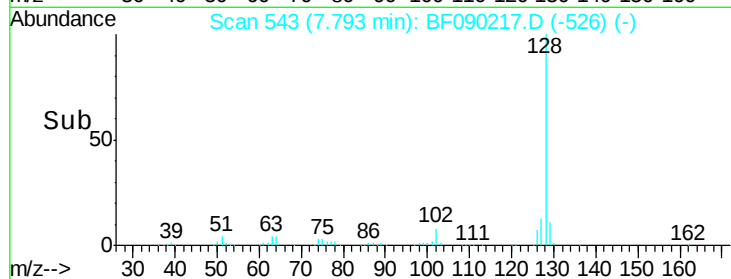
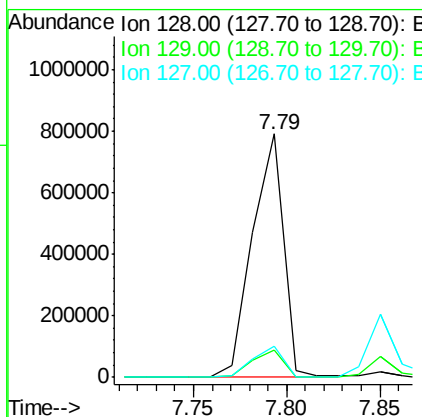
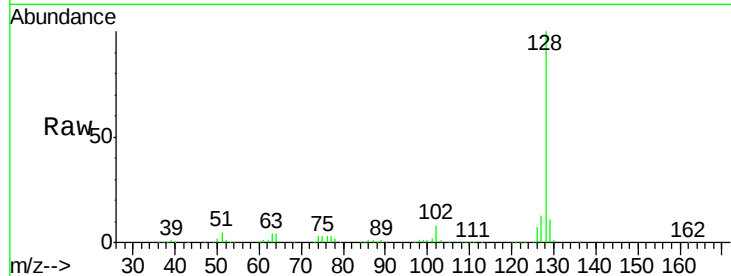
#31
Naphthalene
Concen: 33.72 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampled :
PB93576BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.0	10.8	16.2

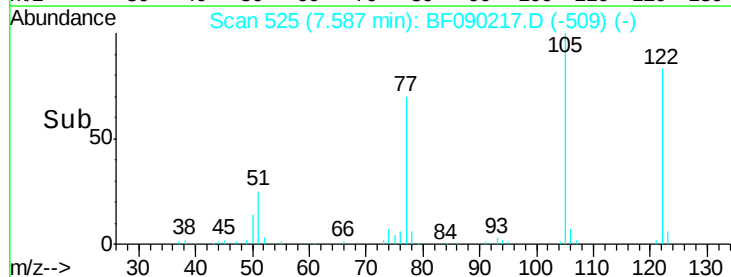
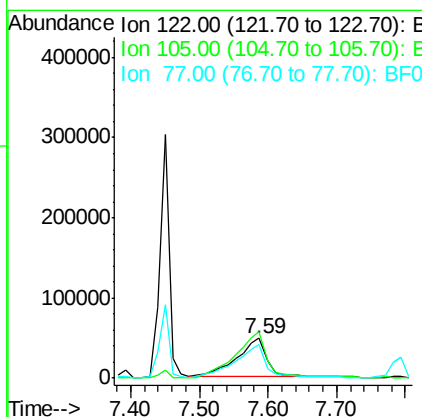
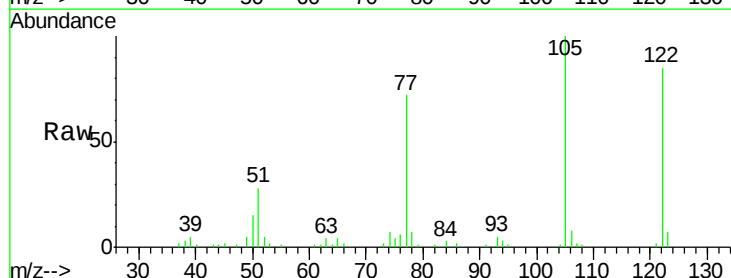
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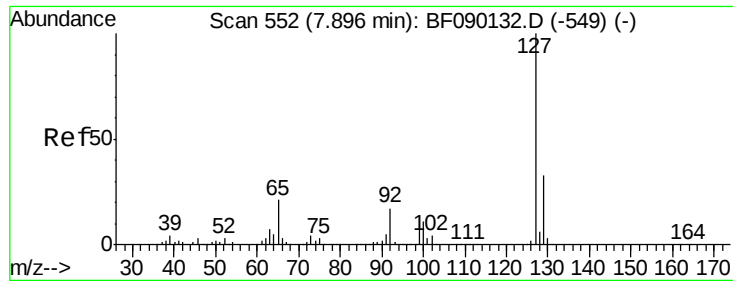
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#32
Benzoic acid
Concen: 23.51 ng
RT: 7.59 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.9	105.0	145.0
77	84.6	70.4	110.4





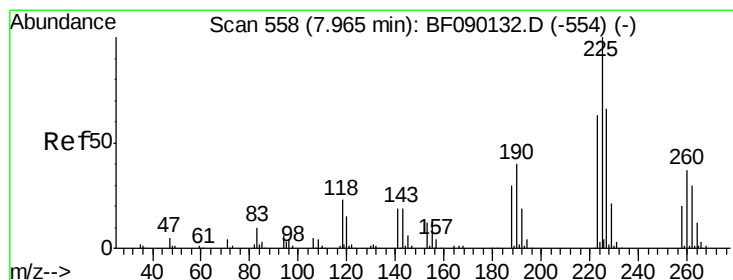
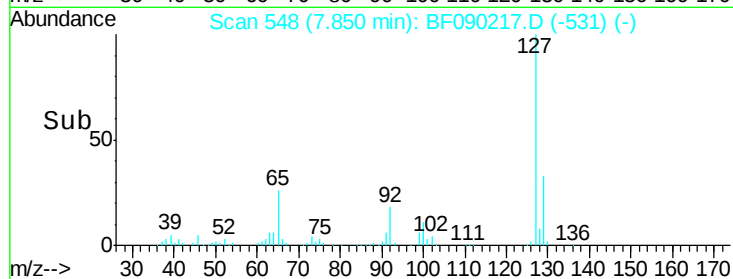
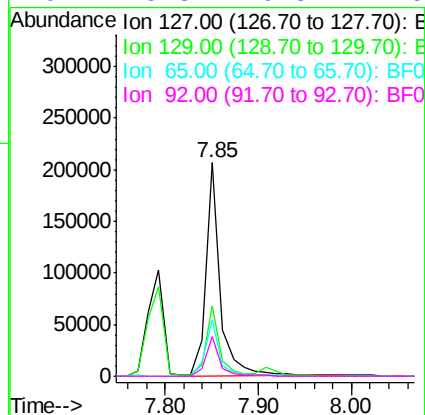
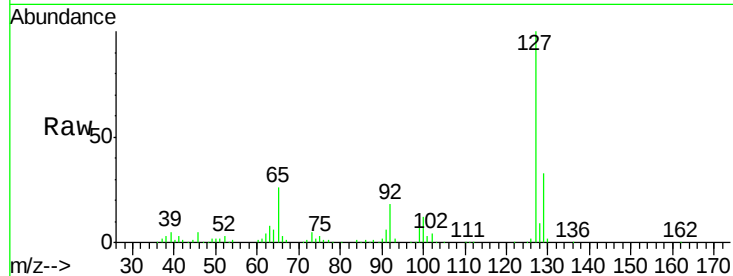
#33
 4-Chloroaniline
 Concen: 19.61 ng
 RT: 7.85 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.8	38.6		
65	26.3	24.1	36.1		
92	18.3	16.3	24.5		

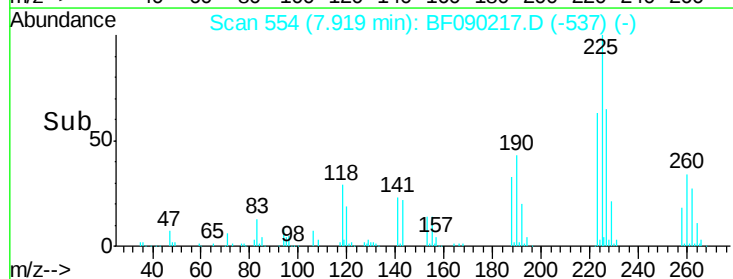
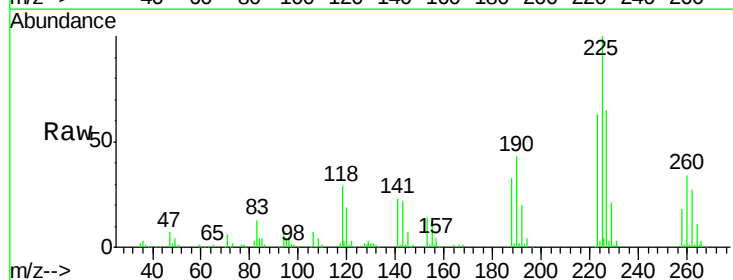
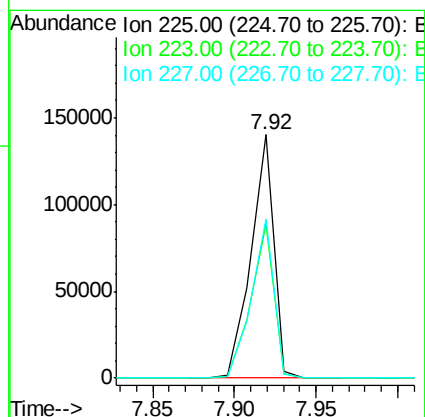
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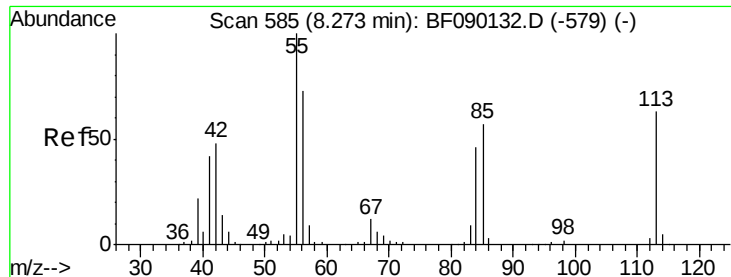
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#34
 Hexachlorobutadiene
 Concen: 32.73 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.3	76.9		
227	65.2	51.4	77.0		





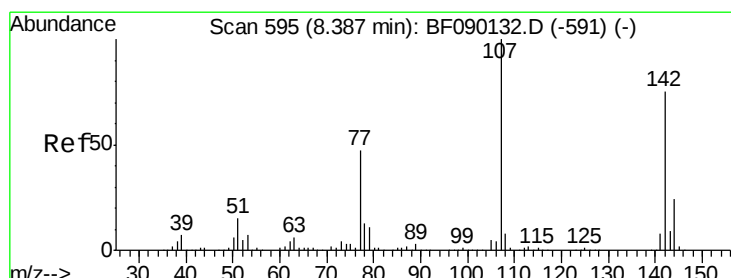
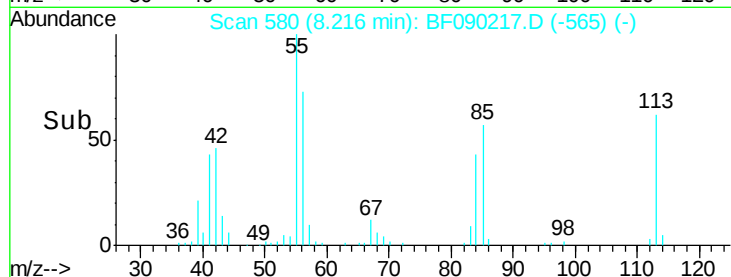
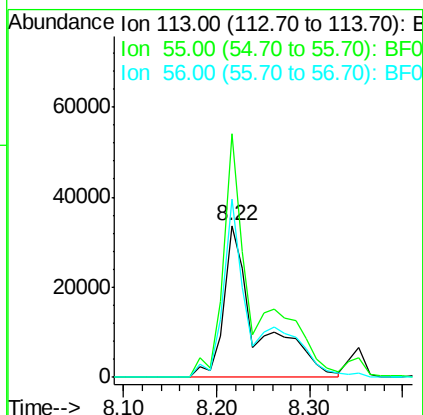
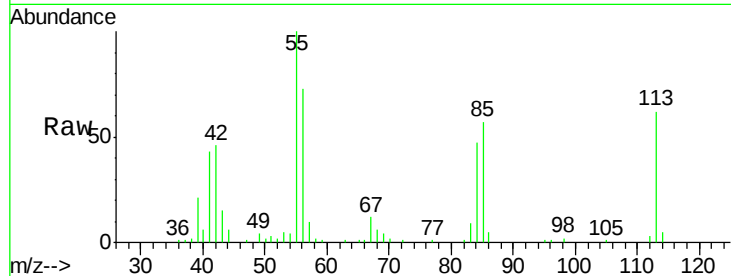
#35
 Caprolactam
 Concen: 32.94 ng/ml
 RT: 8.22 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.7	134.5	174.5
56	117.7	93.7	133.7

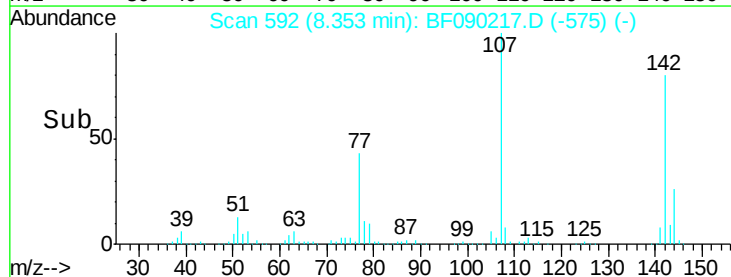
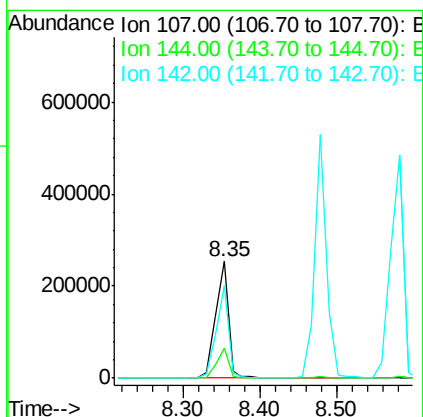
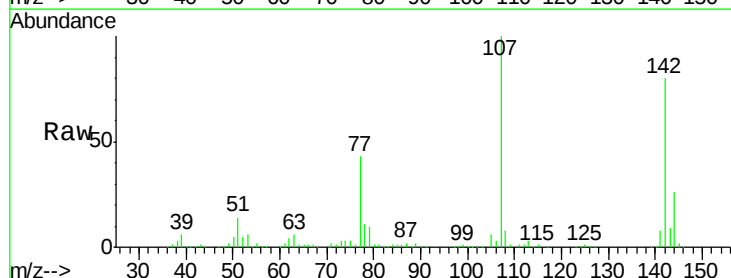
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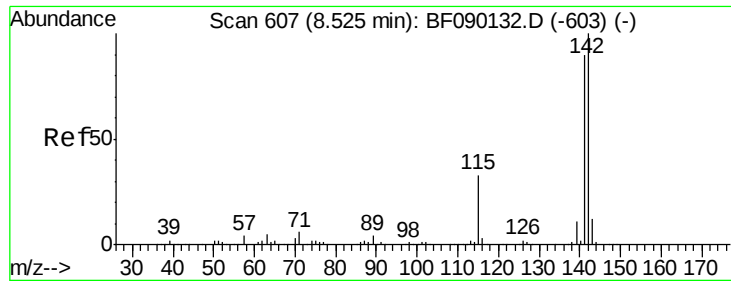
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#36
 4-Chloro-3-methylphenol
 Concen: 33.54 ng/ml
 RT: 8.35 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.7	18.6	27.8
142	79.7	57.0	85.6





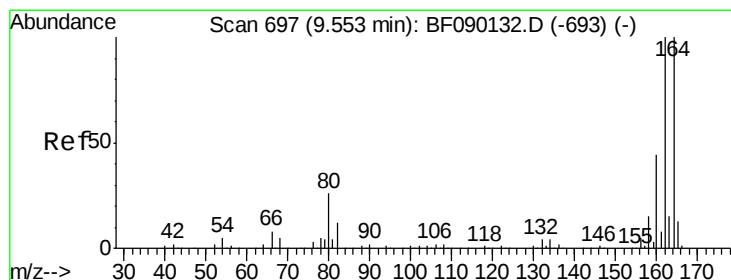
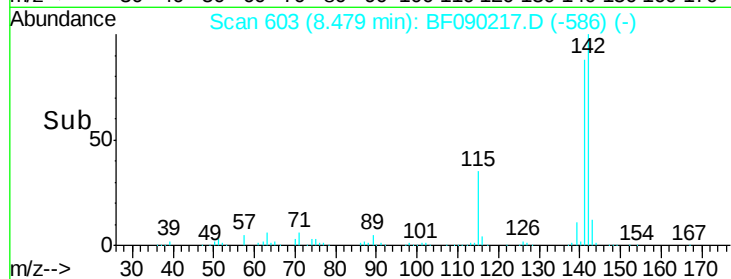
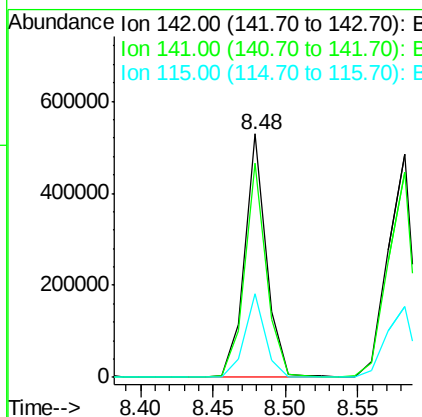
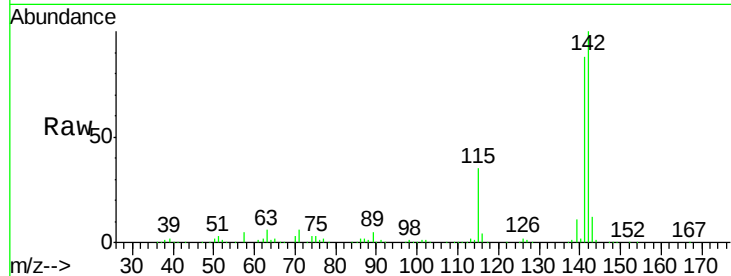
#37
2-Methylnaphthalene
Concen: 32.47 ng
RT: 8.48 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2
115	34.6	28.3	42.5

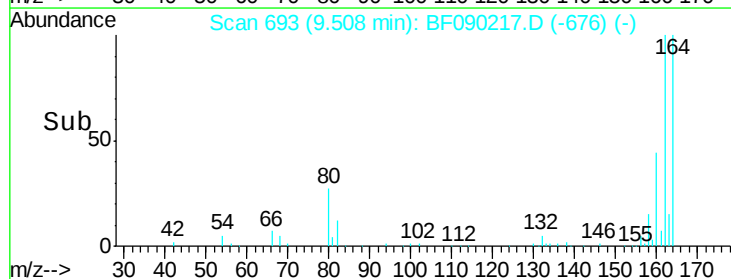
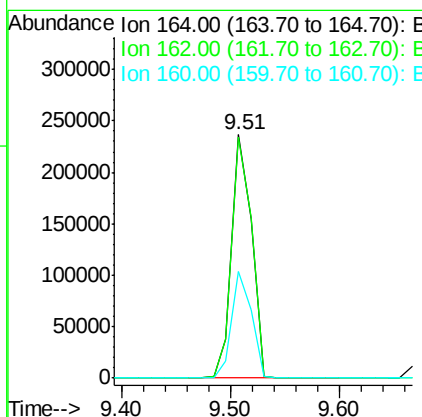
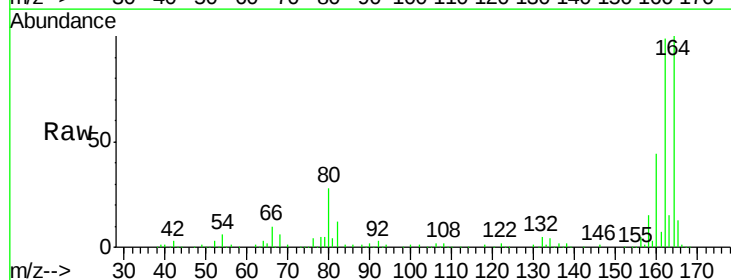
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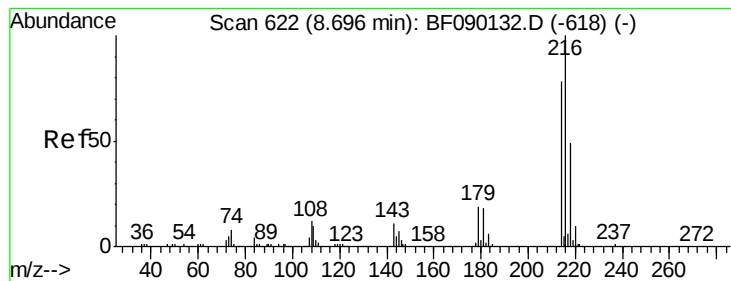
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.4	122.2
160	43.7	36.6	54.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.25 ng

RT: 8.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

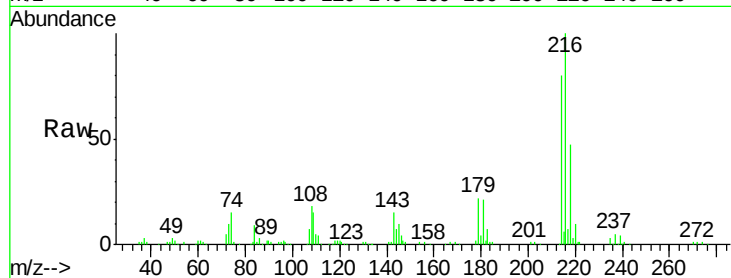
ClientSampled :

PB93576BS

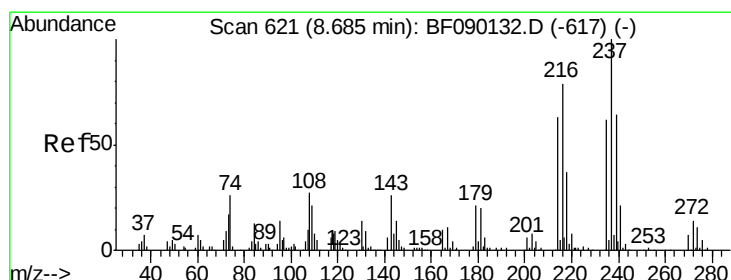
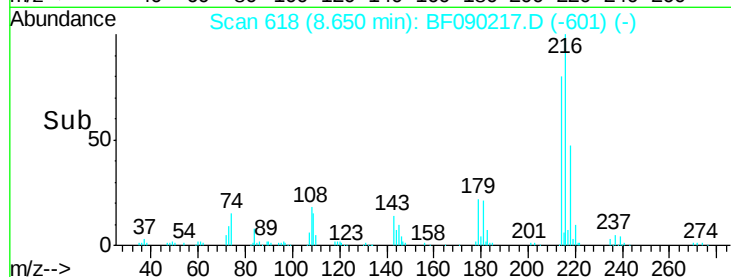
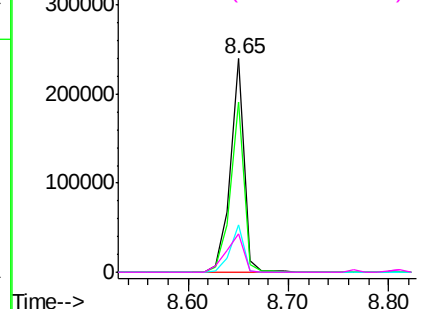
Tot Ion	Ratio	Resp	Lower	Upper
216	100	227590		
214	79.4	63.7	95.5	
179	22.5	18.5	27.7	
108	23.2	19.5	29.3	

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Abundance Ion 216.00 (215.70 to 216.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.24 ng

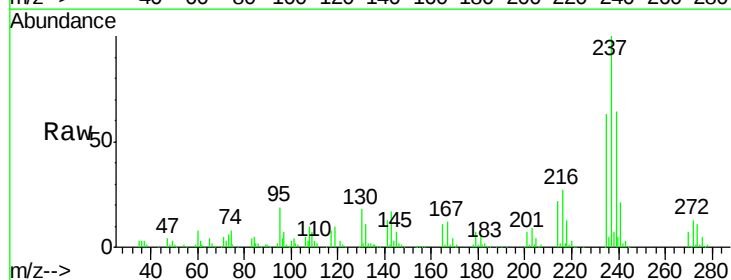
RT: 8.64 min Scan# 617

Delta R.T. 0.00 min

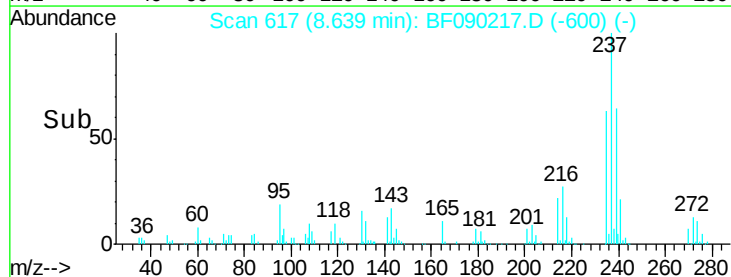
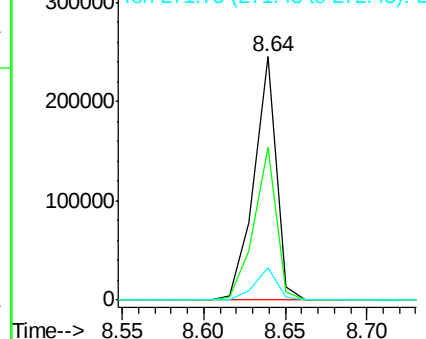
Lab File: BF090217.D

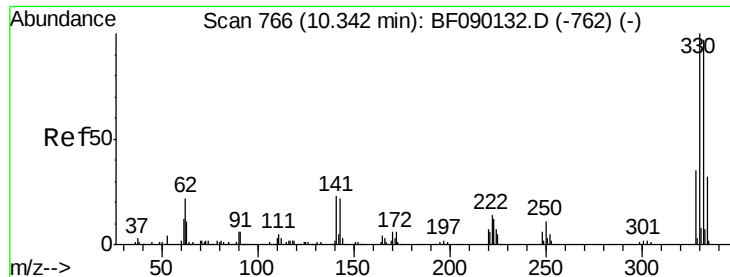
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	233867		
235	62.7	42.5	82.5	
272	13.5	0.0	32.0	



Abundance Ion 236.80 (236.50 to 237.50): E





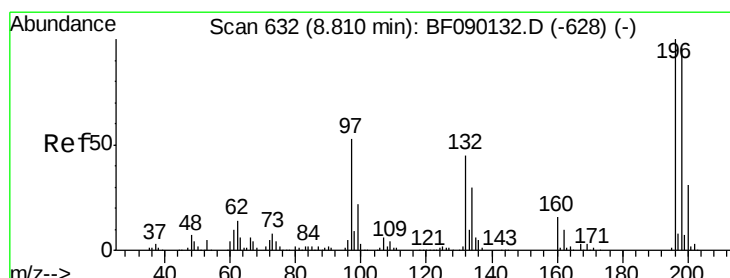
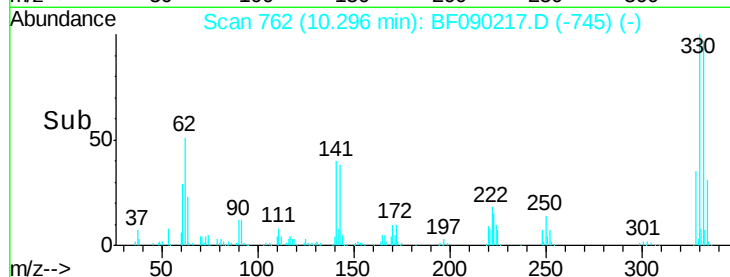
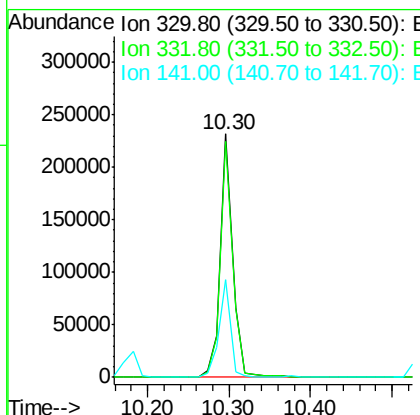
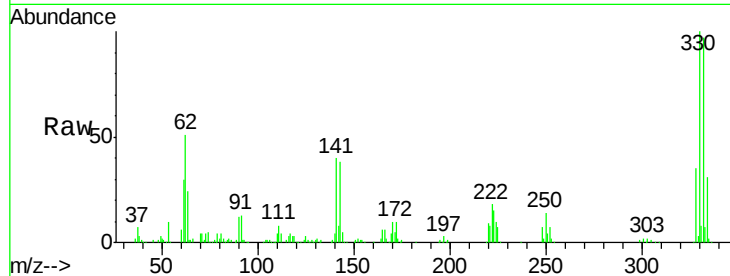
#41
 2,4,6-Tribromophenol
 Concen: 96.06 ng
 RT: 10.30 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	245754		
332	97.0		78.1	117.1
141	37.2		23.9	35.9#

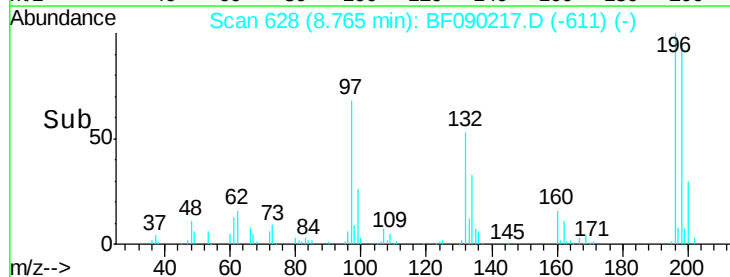
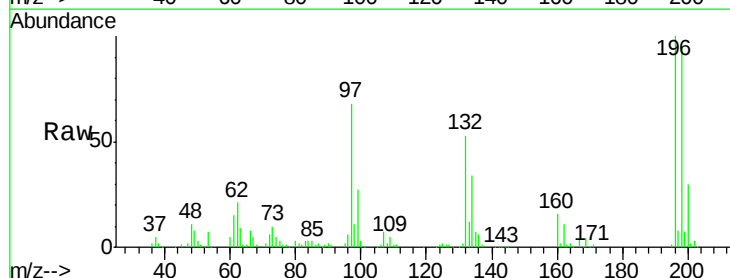
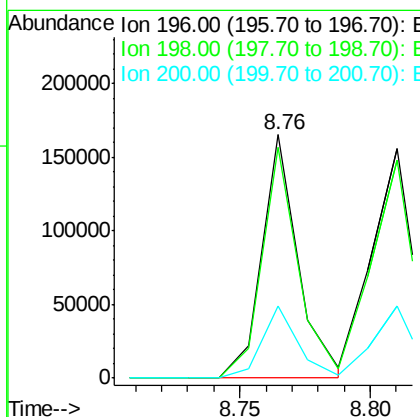
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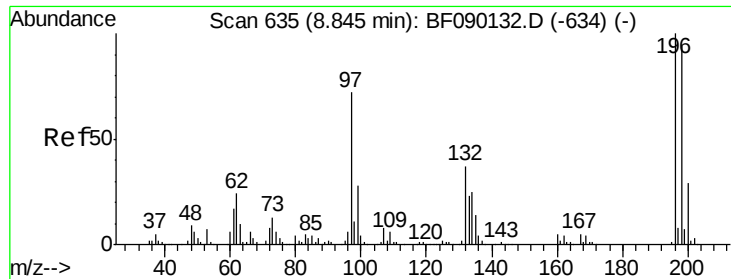
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#42
 2,4,6-Trichlorophenol
 Concen: 32.81 ng
 RT: 8.76 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	160034		
198	94.6		76.3	114.5
200	29.5		24.1	36.1





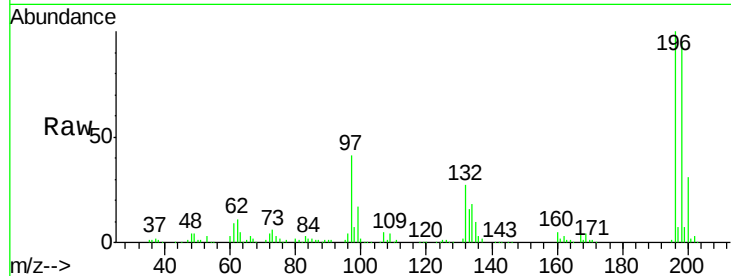
#43
 2,4,5-Trichlorophenol
 Concen: 34.32 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampled :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	173340		
198	94.7	76.6	114.8	
97	40.9	34.4	51.6	
132	27.3	22.2	33.2	

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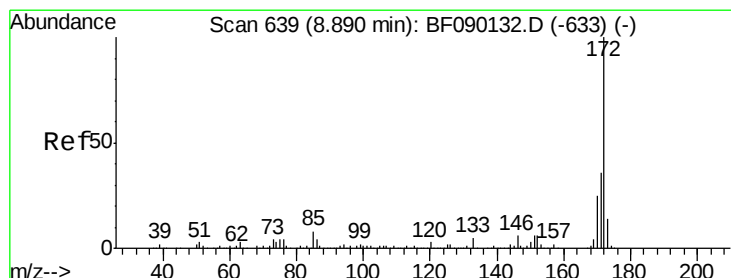
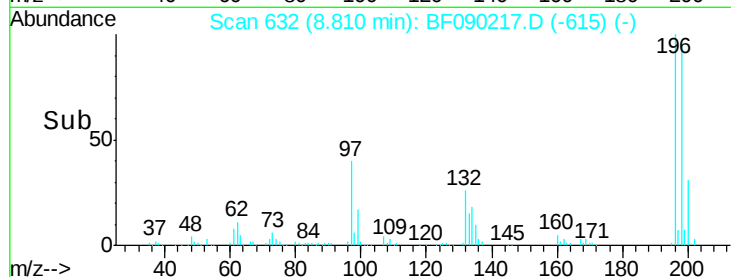
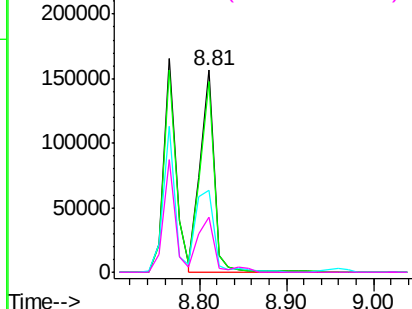
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

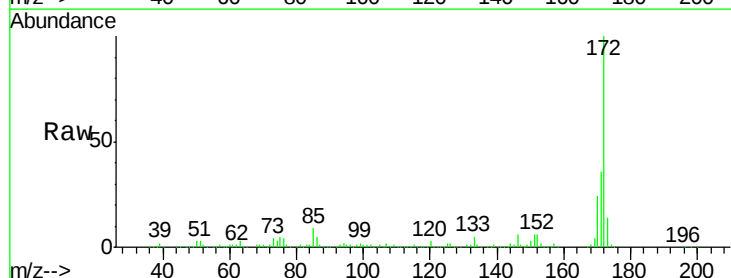
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.81 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1166743		
171	35.5	29.2	43.8	
170	23.7	19.8	29.8	

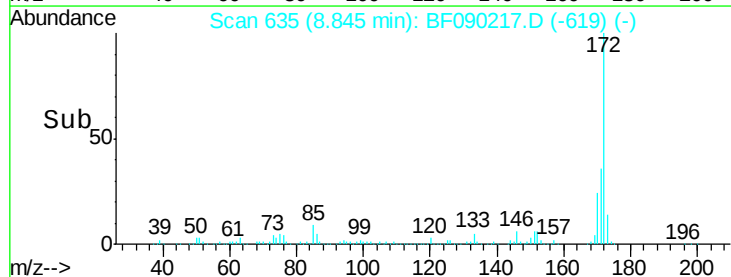
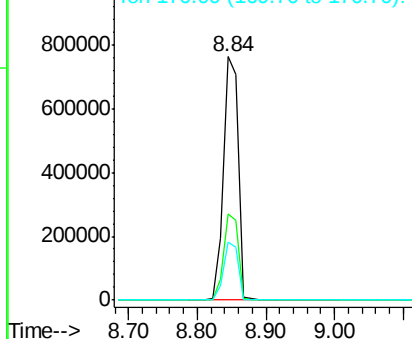


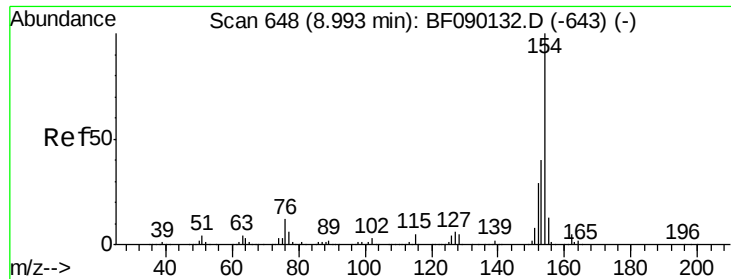
Abundance

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: 33.37 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

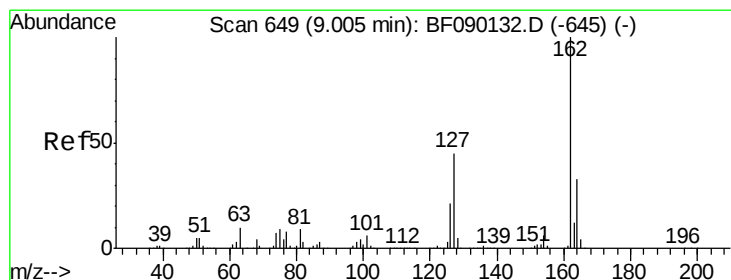
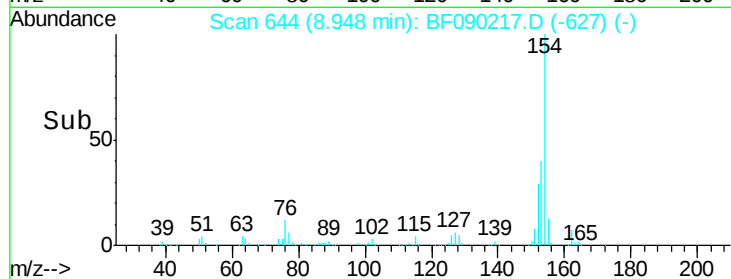
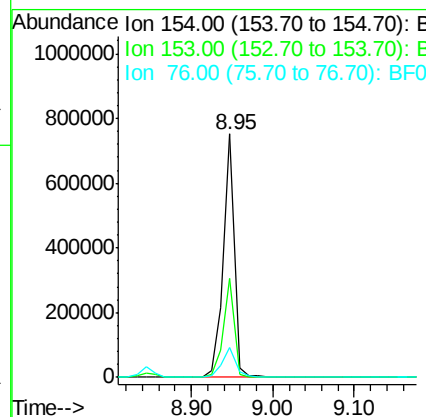
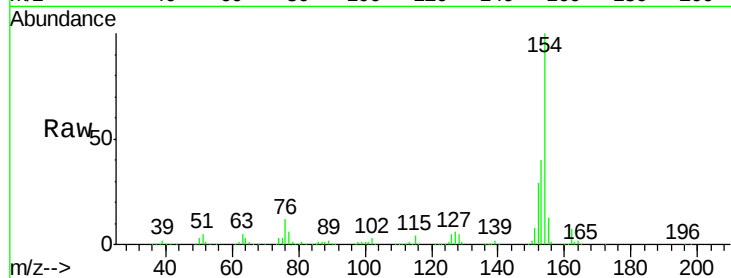
ClientSampled :

PB93576BS

Tot Ion:	154	Resp:	712070
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.6	60.6
76	12.5	0.0	36.7

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#46

2-Chloronaphthalene

Concen: 31.96 ng

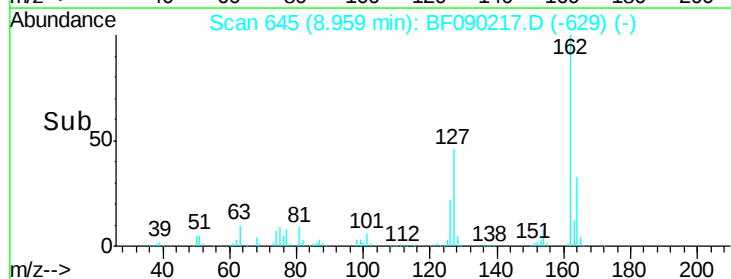
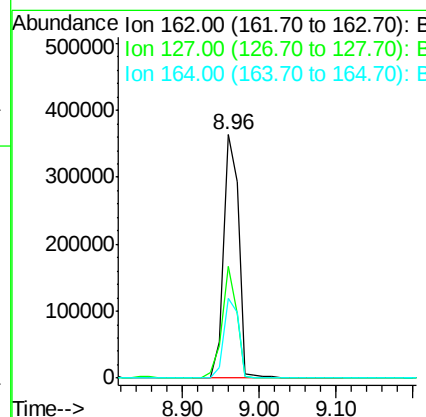
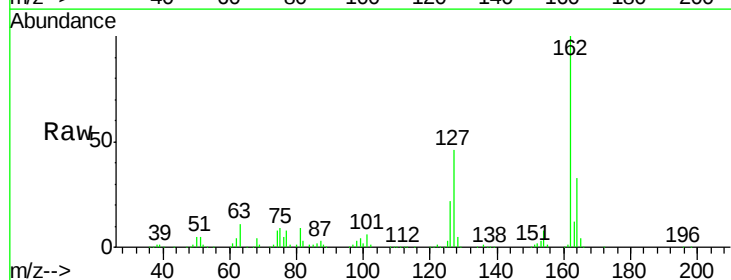
RT: 8.96 min Scan# 645

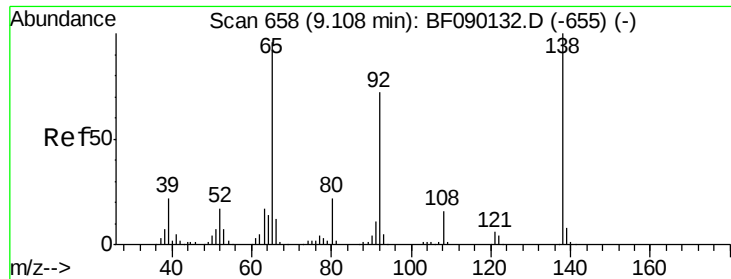
Delta R.T. -0.01 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	162	Resp:	503101
Ion Ratio	Lower	Upper	
162	100		
127	45.7	34.0	51.0
164	32.8	26.8	40.2





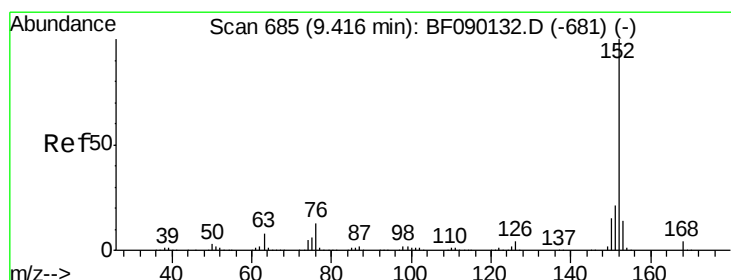
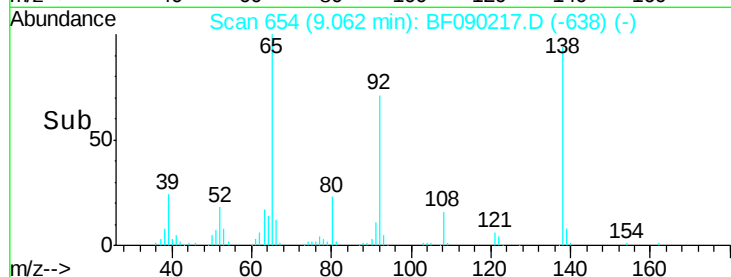
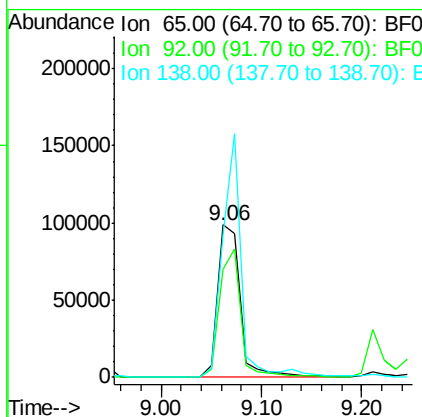
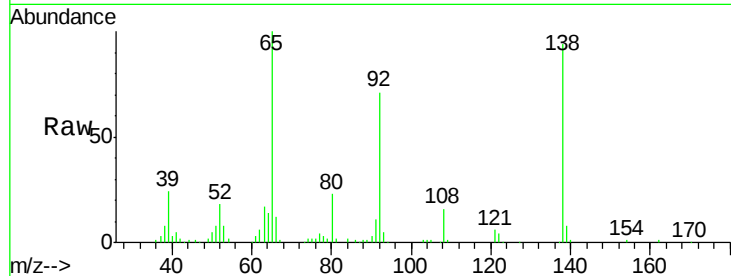
#47
2-Nitroaniline
Concen: 32.67 ng
RT: 9.06 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.1	66.1	99.1
138	93.6	104.1	156.1#

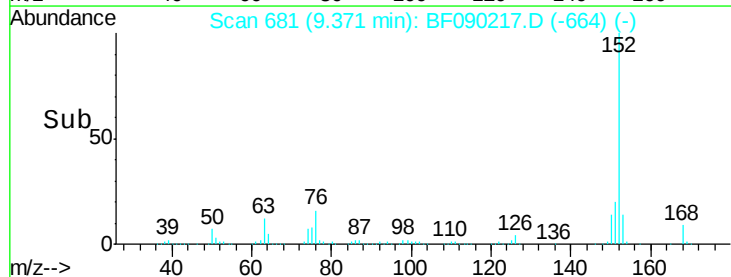
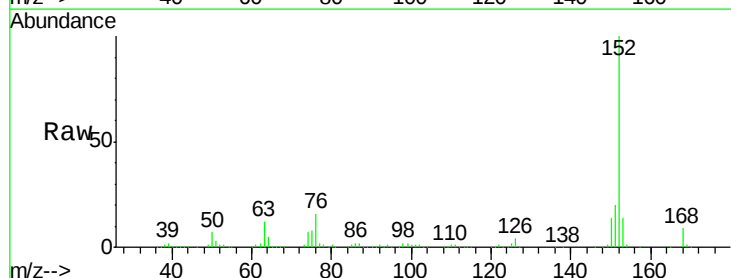
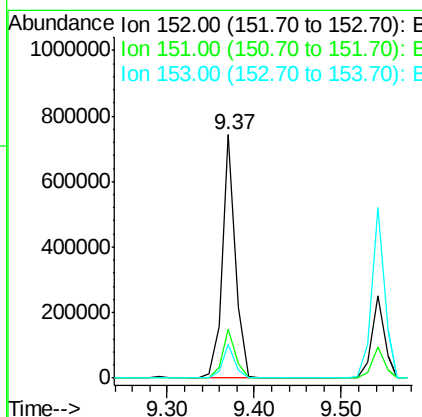
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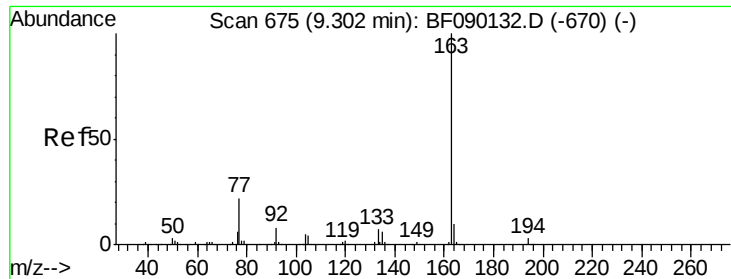
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#48
Acenaphthylene
Concen: 30.71 ng
RT: 9.37 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.5	24.7
153	13.8	10.6	15.8





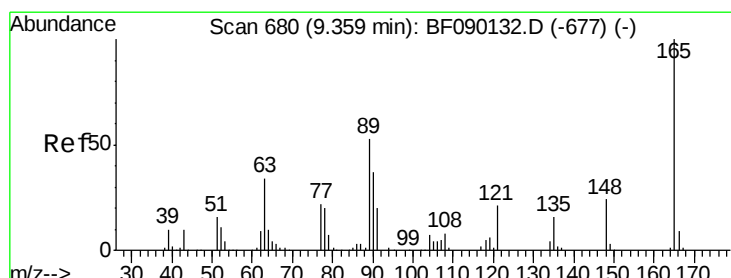
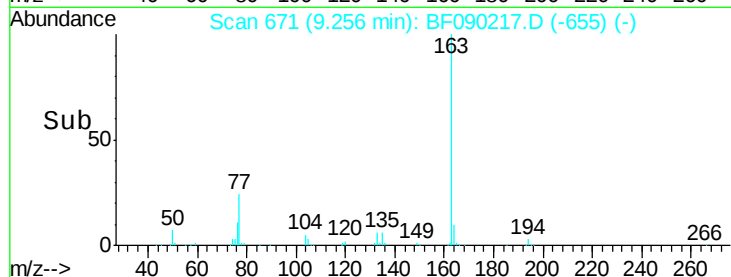
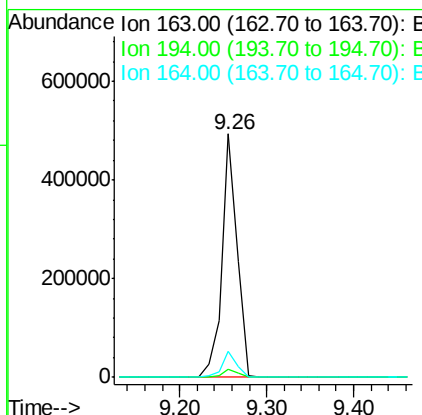
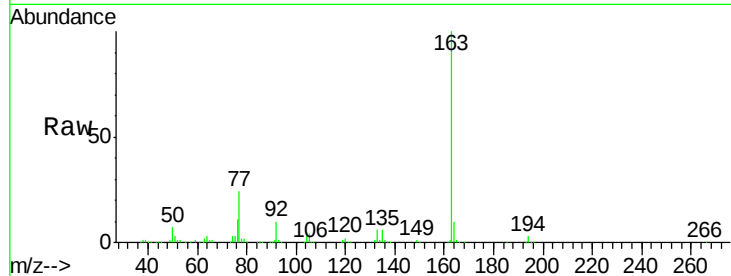
#49
Dimethylphthalate
Concen: 31.71 ng
RT: 9.26 min Scan# 671
Delta R.T. -0.01 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100	602270		
194	3.2		2.8	4.2
164	10.5		8.1	12.1

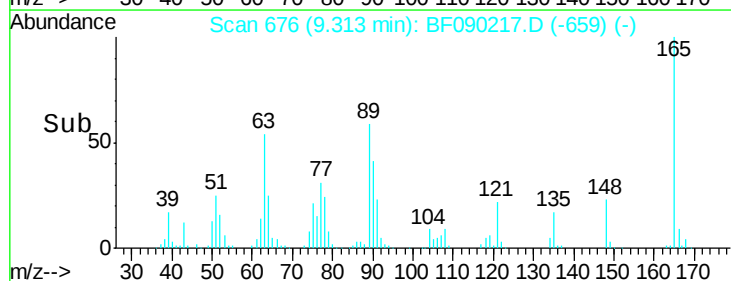
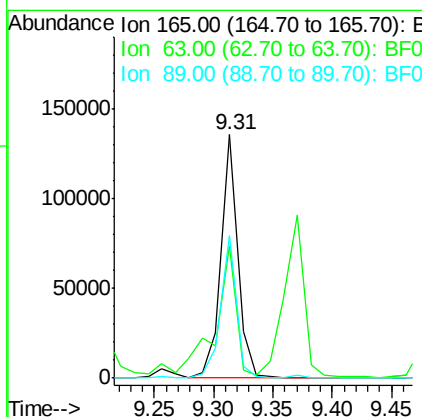
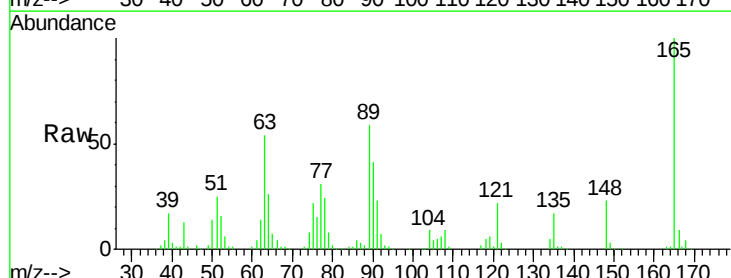
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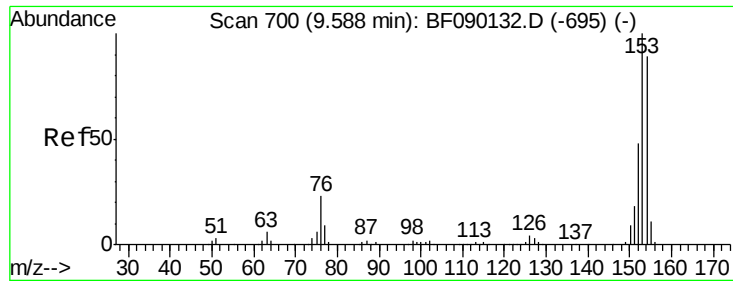
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#50
2,6-Dinitrotoluene
Concen: 31.29 ng
RT: 9.31 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	132453		
63	54.4		49.9	74.9
89	58.7		51.0	76.4





#51

Acenaphthene

Concen: 31.82 ng

RT: 9.54 min Scan# 696

Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

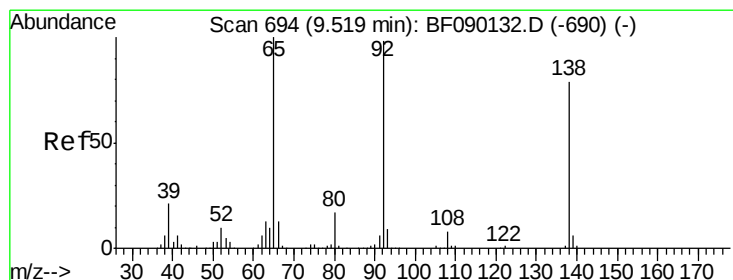
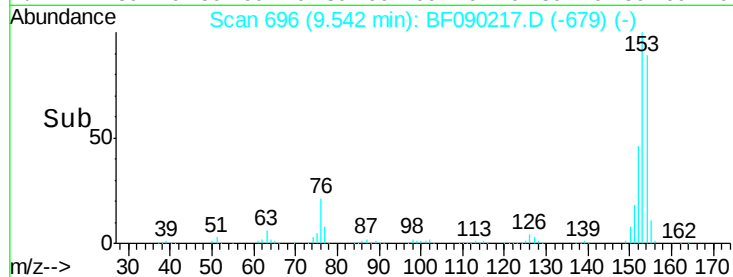
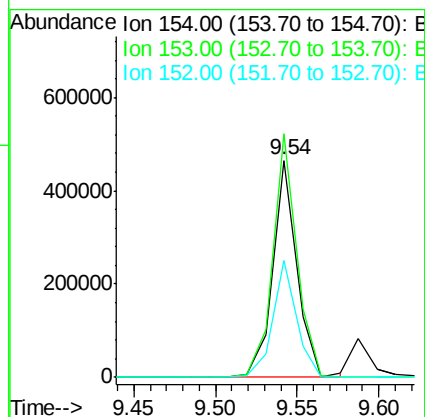
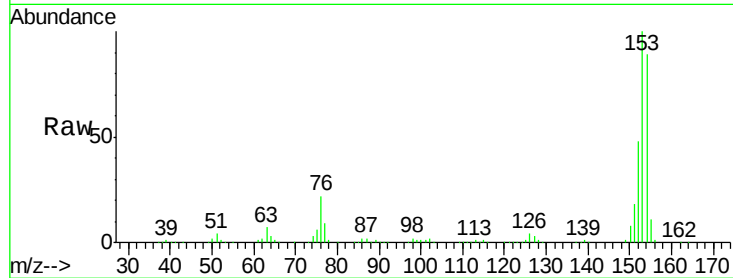
ClientSampleId :

PB93576BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.1	90.8	136.2
152	53.9	44.2	66.4

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#52

3-Nitroaniline

Concen: 20.87 ng

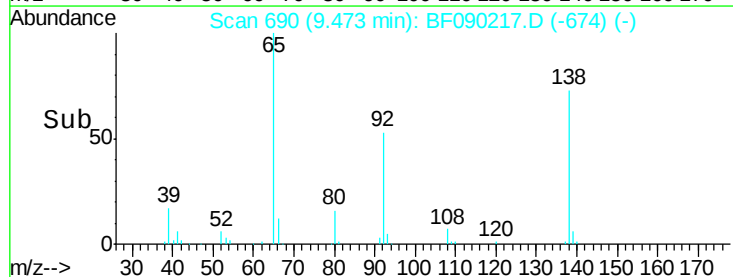
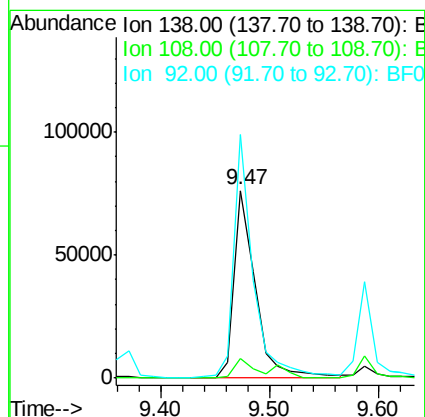
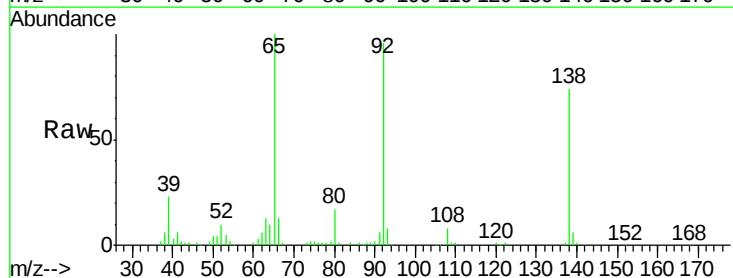
RT: 9.47 min Scan# 690

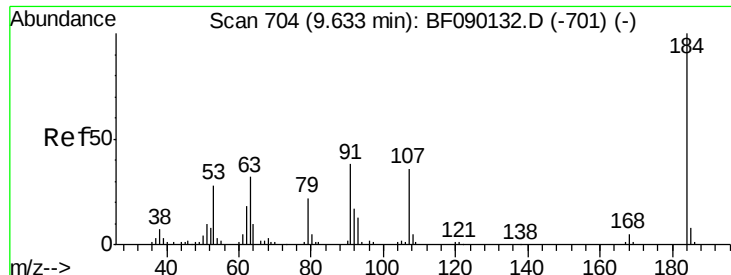
Delta R.T. -0.01 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.7	7.8	11.6
92	129.8	90.7	136.1





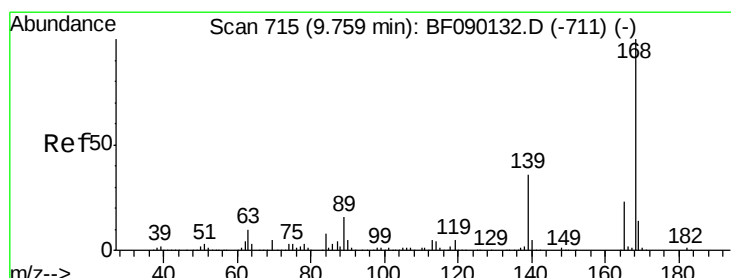
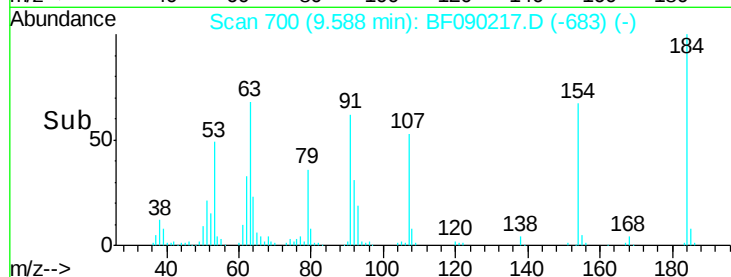
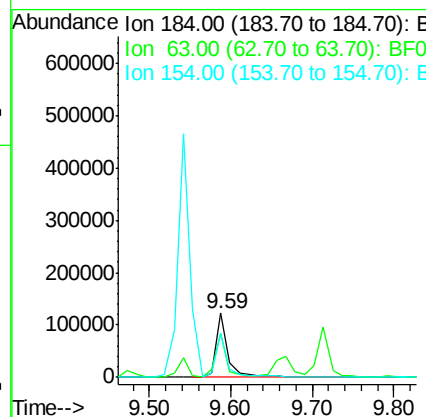
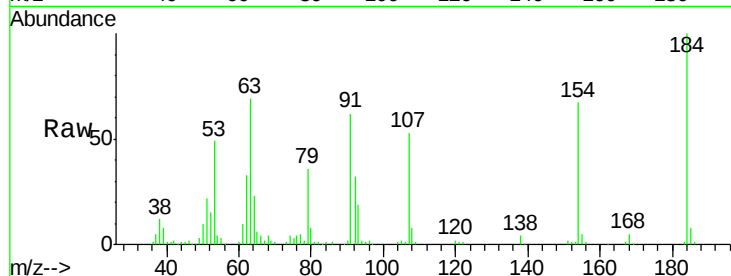
#53
 2,4-Dinitrophenol
 Concen: 56.42 ng
 RT: 9.59 min Scan# 700
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	69.1	44.6	67.0	
154	67.3	49.7	74.5	

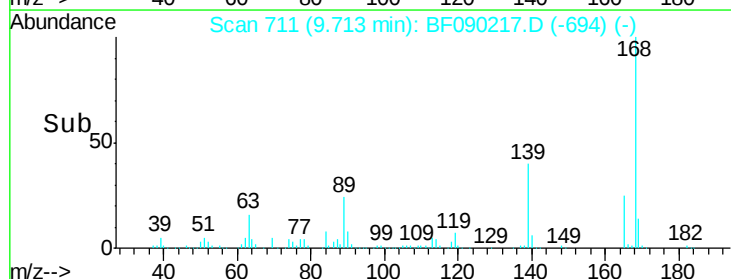
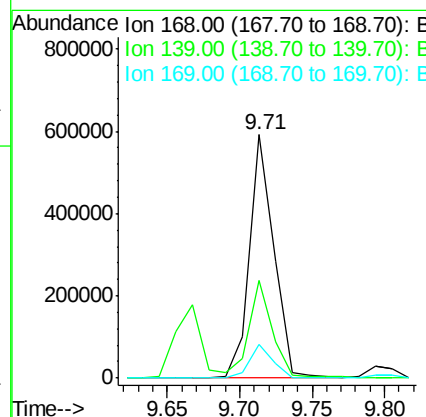
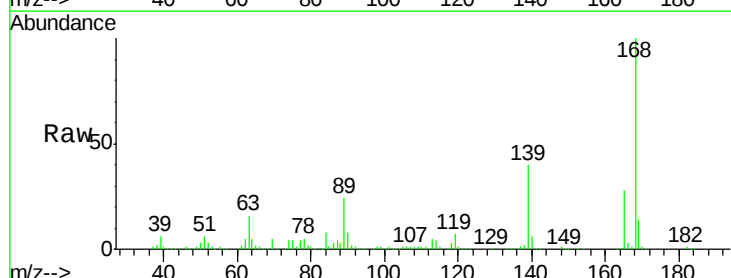
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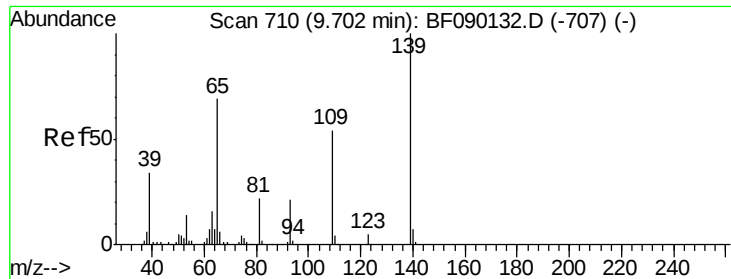
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#54
 Dibenzofuran
 Concen: 34.73 ng
 RT: 9.71 min Scan# 711
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.1	28.8	43.2	
169	13.9	10.7	16.1	





#55

4-Nitrophenol

Concen: 67.20 ng

RT: 9.67 min Scan# 707

Delta R.T. 0.01 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

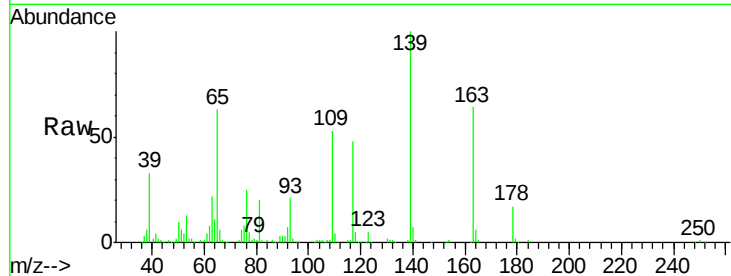
ClientSampleId :

PB93576BS

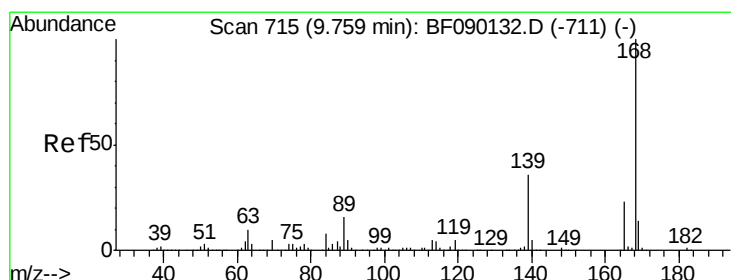
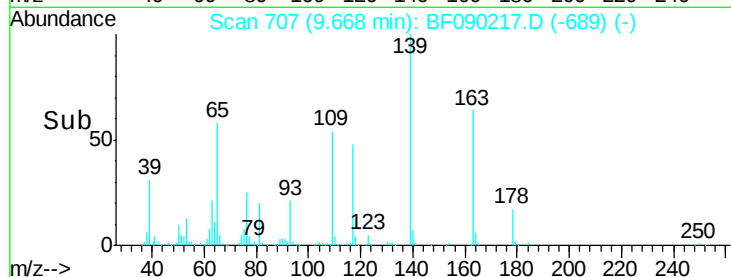
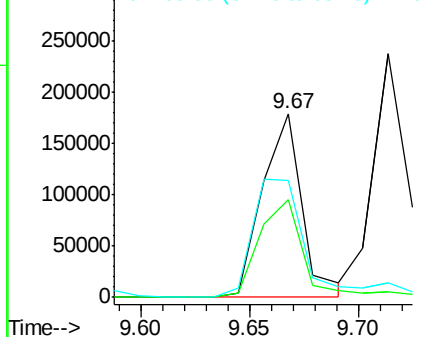
Tot Ion:	139	Resp:	228502
Ion Ratio	Lower	Upper	
139	100		
109	53.4	35.6	75.6
65	63.4	55.5	95.5

Manual Integrations
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 32.72 ng

RT: 9.71 min Scan# 711

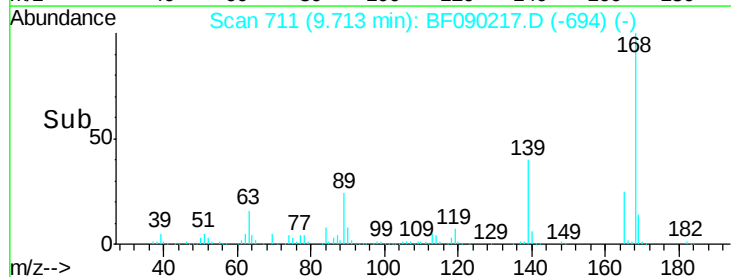
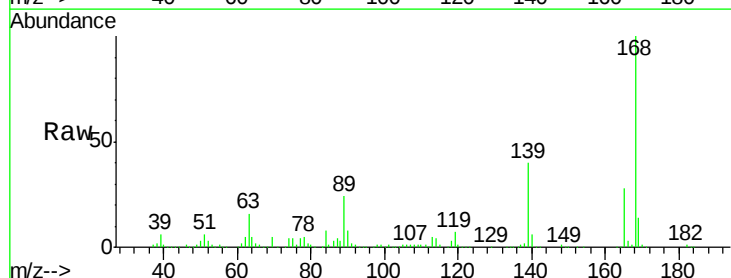
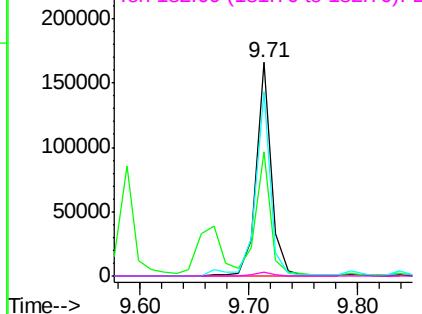
Delta R.T. 0.00 min

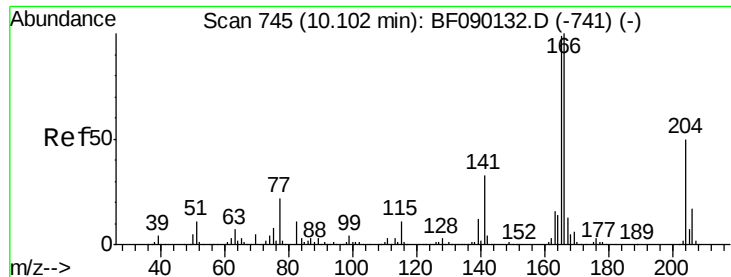
Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	165	Resp:	163787
Ion Ratio	Lower	Upper	
165	100		
63	58.0	44.4	66.6
89	86.5	70.1	105.1
182	2.0	1.7	2.5

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





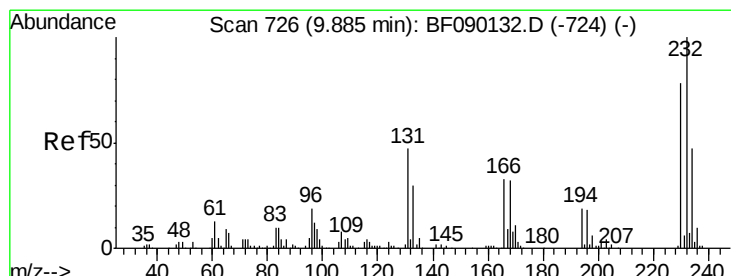
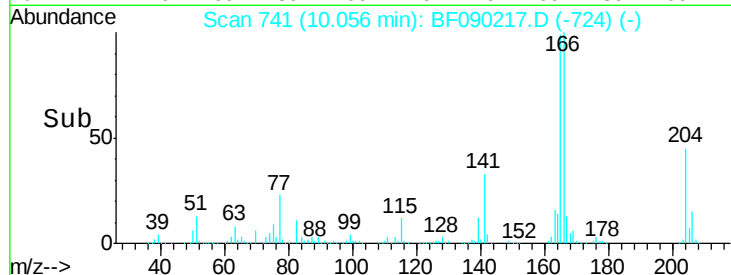
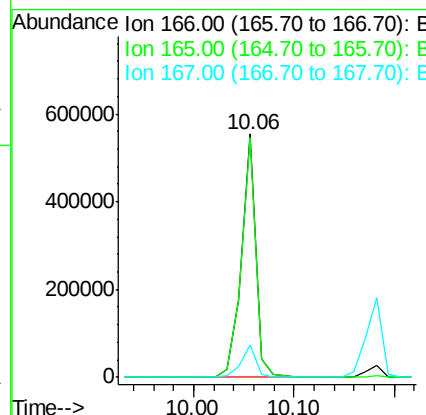
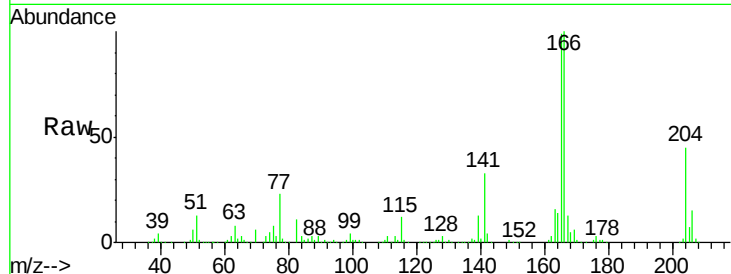
#57
 Fluorene
 Concen: 36.95 ng
 RT: 10.06 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	555989		
165	98.6	78.5	117.7	
167	13.4	11.2	16.8	

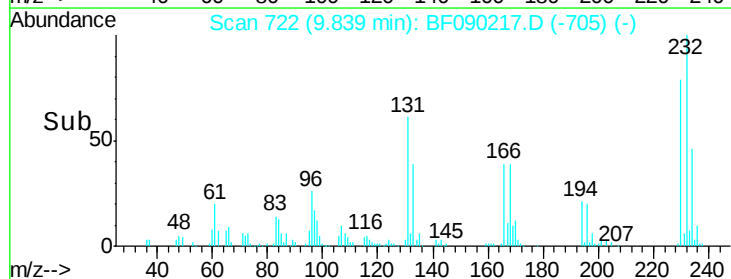
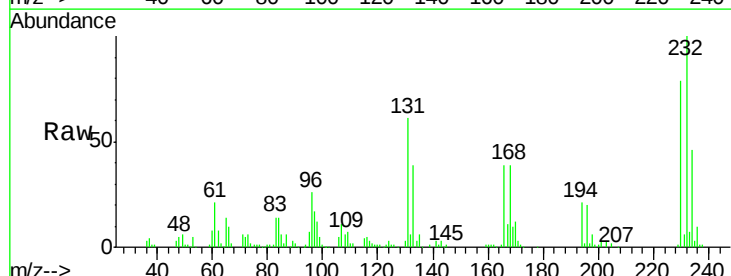
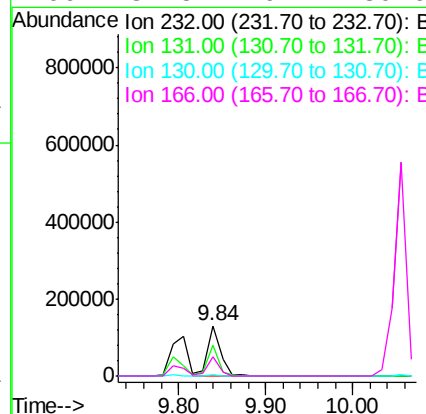
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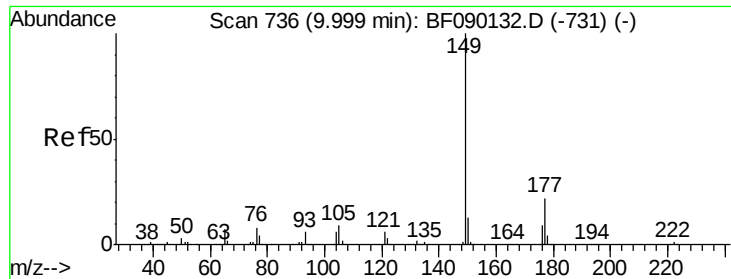
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.67 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	134888		
131	52.9	42.2	63.4	
130	2.4	1.9	2.9	
166	34.8	26.4	39.6	





#59

Diethylphthalate

Concen: 32.59 ng

RT: 9.95 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

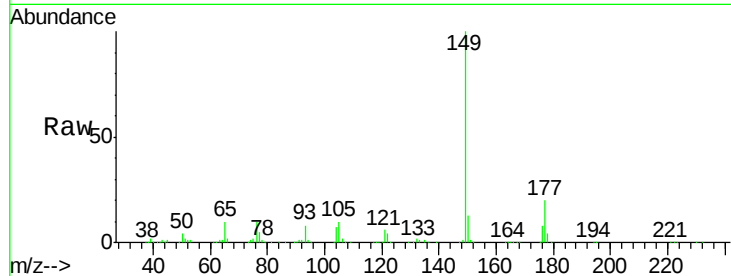
ClientSampleId :

PB93576BS

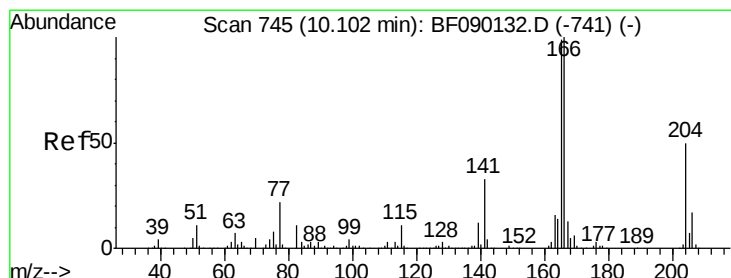
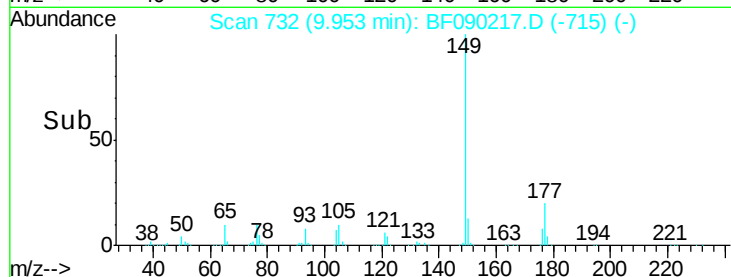
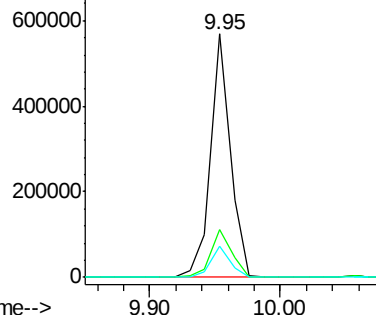
Tot Ion:	149	Resp:	597738
Ion Ratio	Lower	Upper	
149	100		
177	19.6	15.8	23.6
150	12.7	10.4	15.6

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 33.69 ng

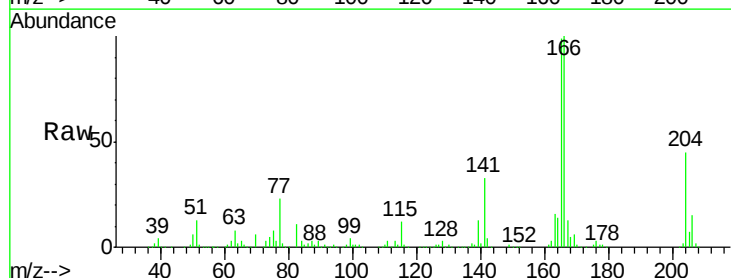
RT: 10.06 min Scan# 741

Delta R.T. 0.00 min

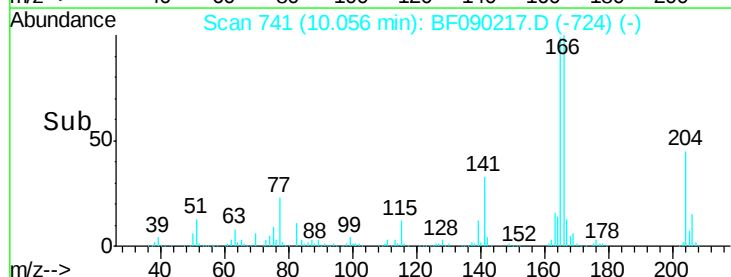
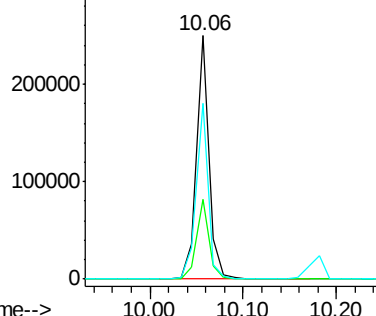
Lab File: BF090217.D

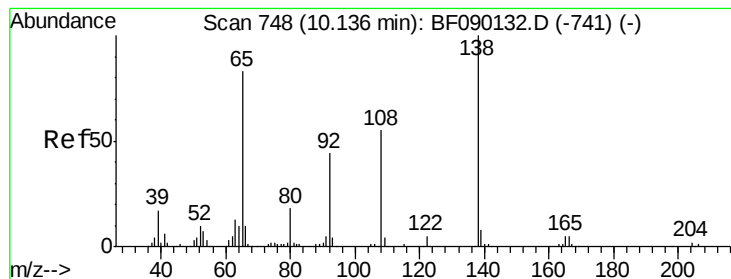
Acq: 26 Sep 2016 13:24

Tgt Ion:	204	Resp:	231192
Ion Ratio	Lower	Upper	
204	100		
206	32.8	25.6	38.4
141	72.5	64.4	96.6



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.32 ng

RT: 10.09 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

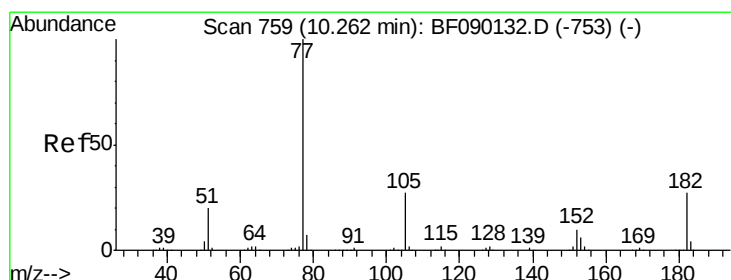
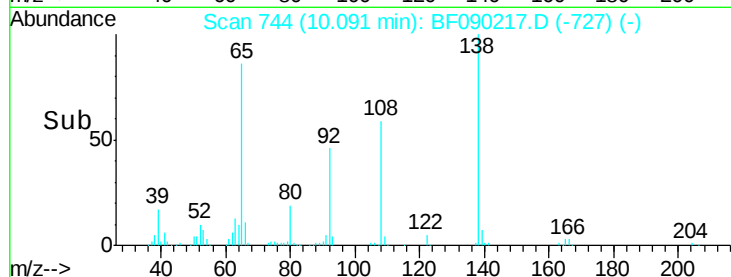
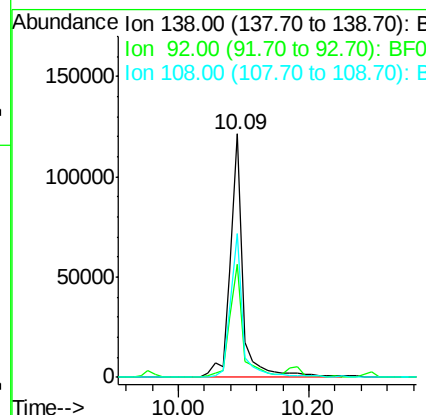
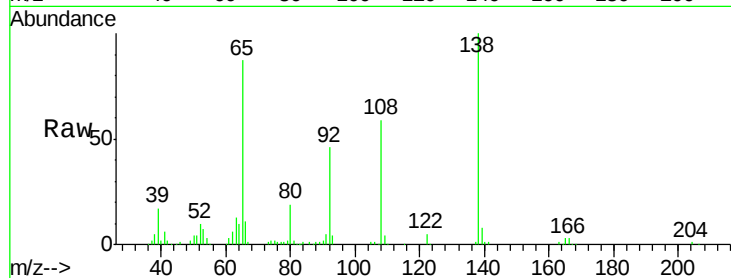
ClientSampleId :

PB93576BS

Tot Ion:	138	Resp:	163508
Ion Ratio	Lower	Upper	
138	100		
92	46.5	23.8	63.8
108	58.8	35.0	75.0

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#62

Azobenzene

Concen: 36.81 ng

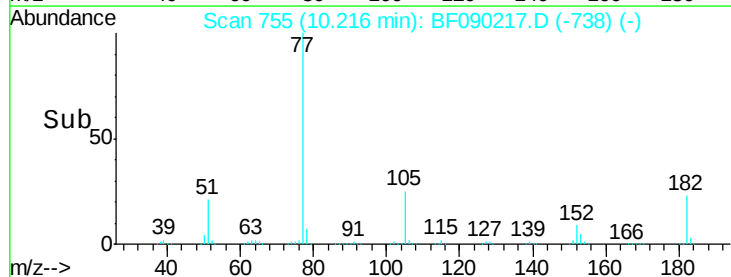
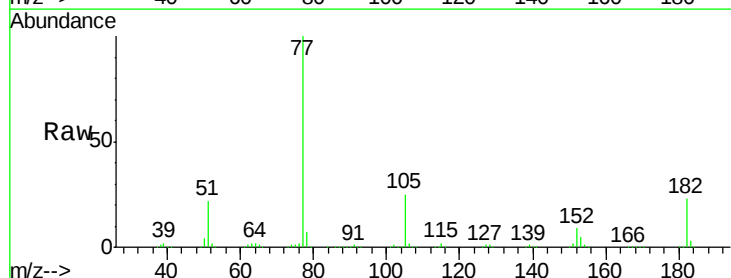
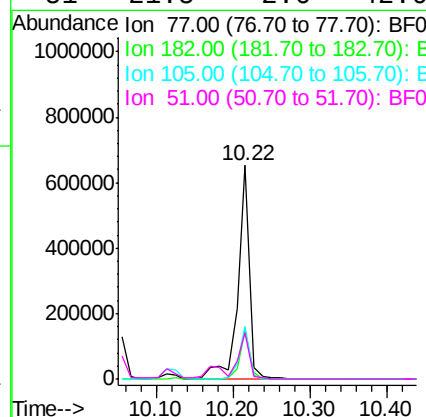
RT: 10.22 min Scan# 755

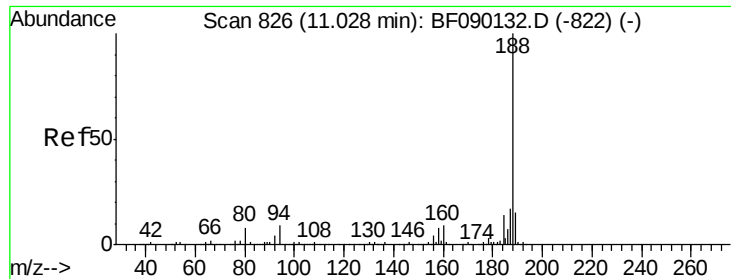
Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	77	Resp:	702881
Ion Ratio	Lower	Upper	
77	100		
182	23.0	0.0	38.4
105	24.9	3.8	43.8
51	21.5	2.6	42.6





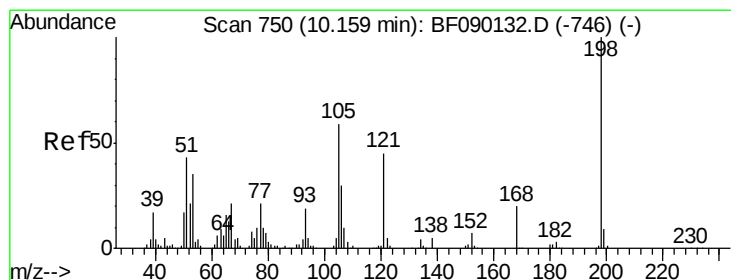
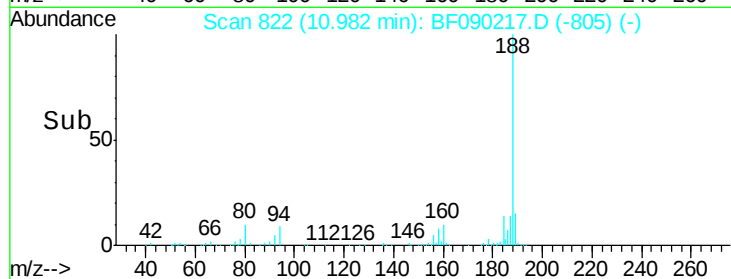
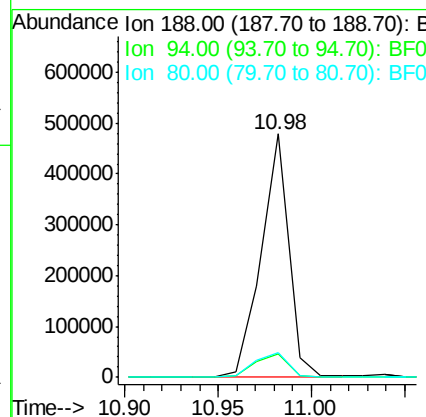
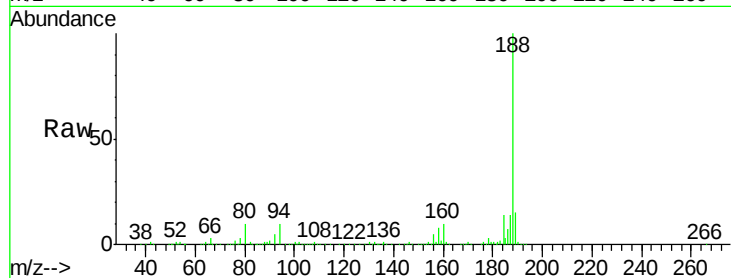
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100	490978		
94	9.8		10.5	15.7#
80	10.1		11.2	16.8#

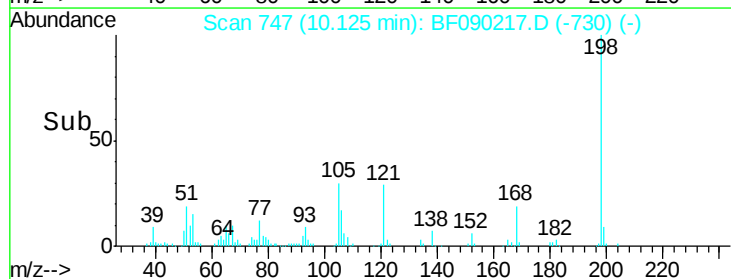
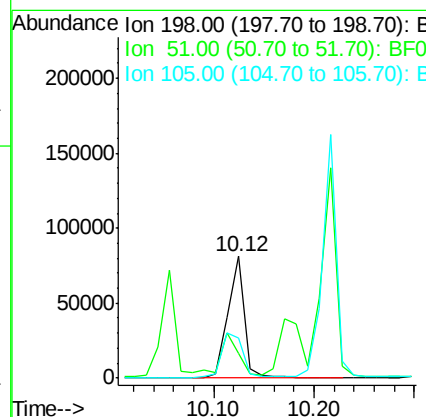
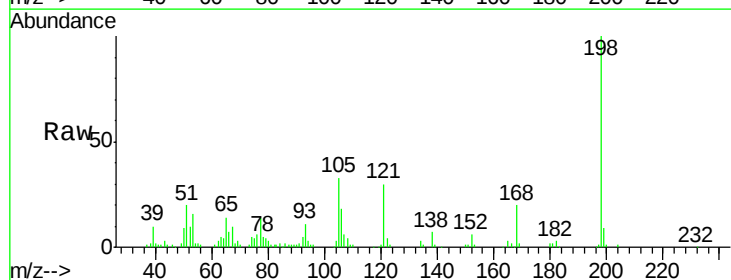
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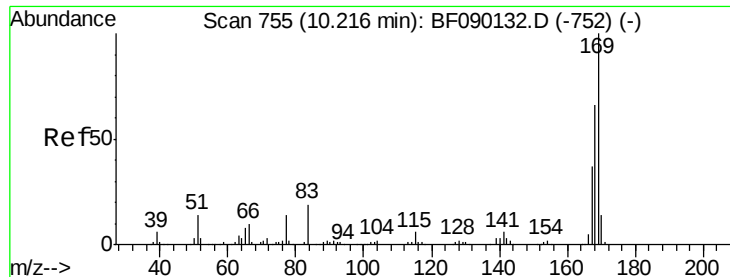
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#64
4,6-Dinitro-2-methylphenol
Concen: 30.25 ng
RT: 10.12 min Scan# 747
Delta R.T. -0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	93014		
51	20.2		5.5	45.5
105	32.7		21.8	61.8





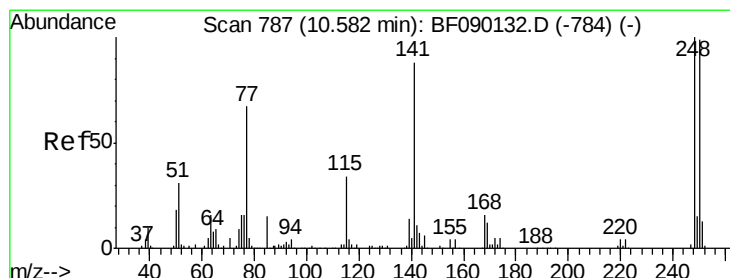
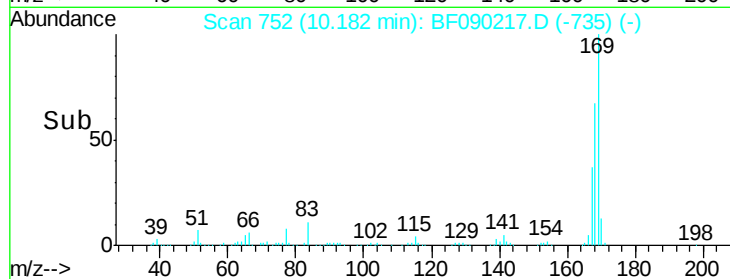
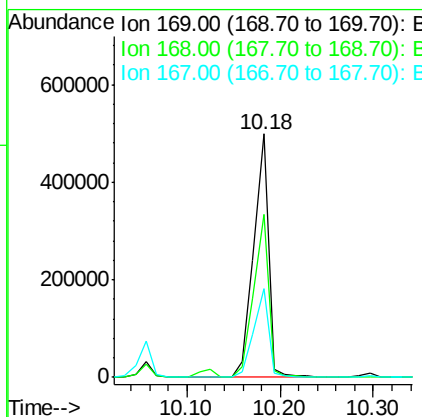
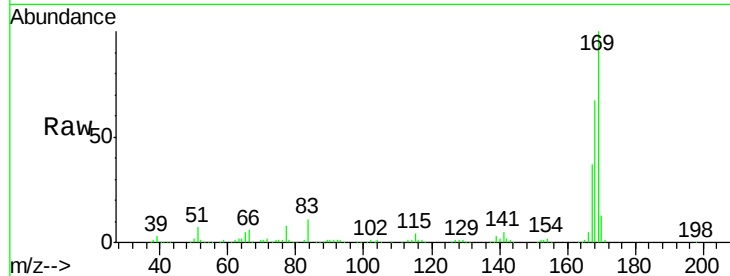
#65
 n-Nitrosodiphenylamine
 Concen: 34.22 ng
 RT: 10.18 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	552498		
168	67.0		54.2	81.4
167	36.7		30.3	45.5

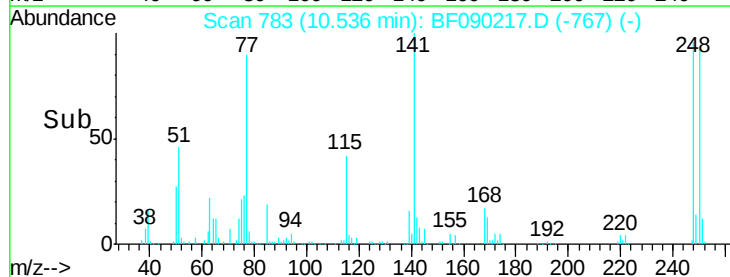
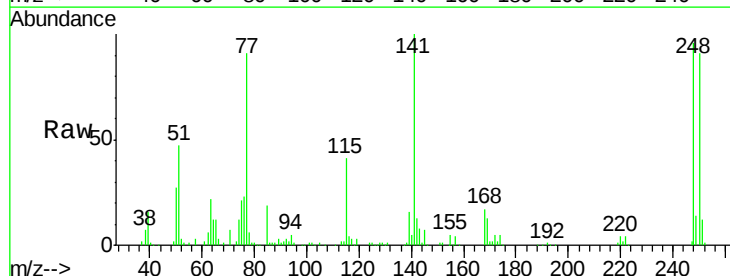
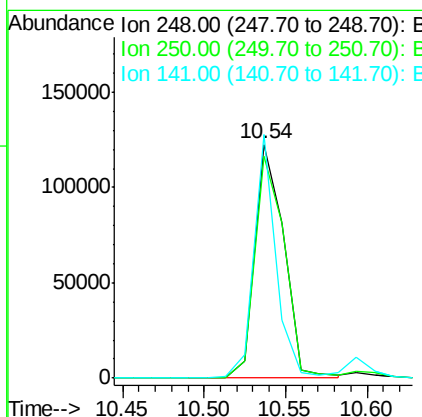
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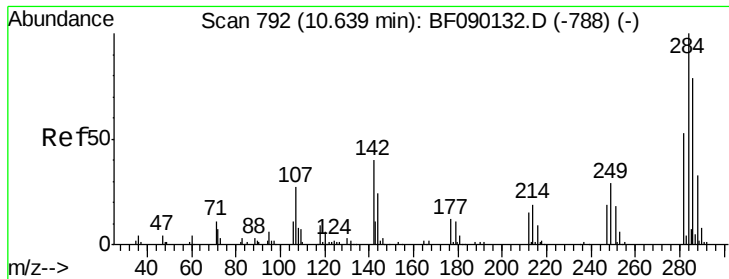
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#66
 4-Bromophenyl-phenylether
 Concen: 31.30 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	151200		
250	95.2		79.4	119.2
141	104.3		49.3	73.9#





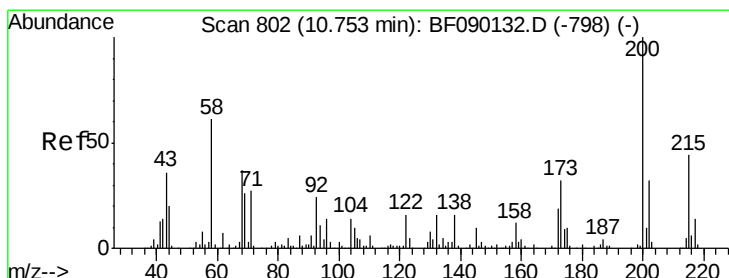
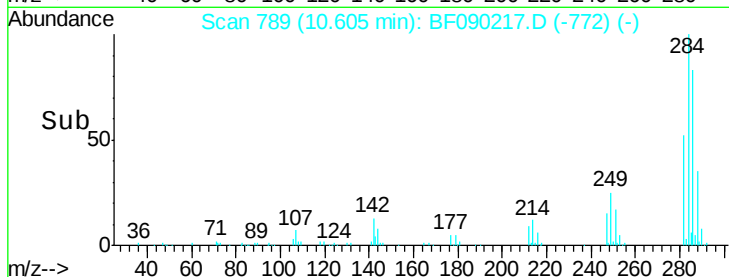
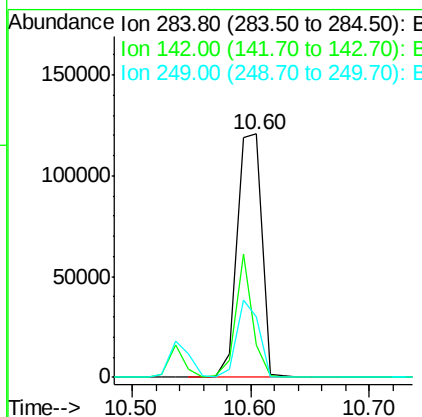
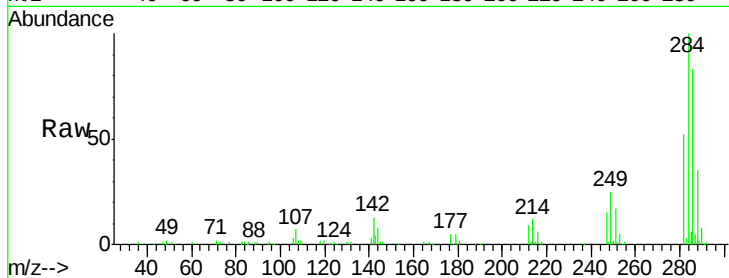
#67
Hexachlorobenzene
Concen: 31.05 ng
RT: 10.60 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	174829		
142	13.4	24.0	36.0	#
249	24.9	23.8	35.6	

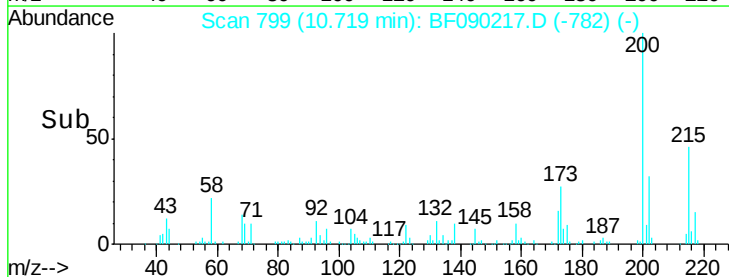
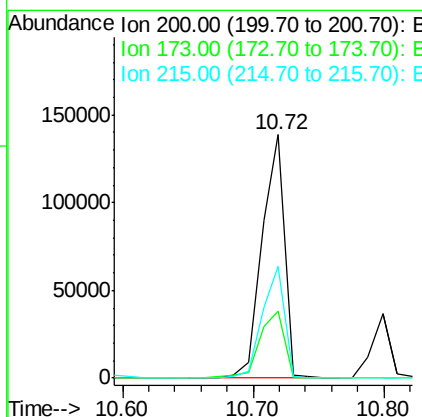
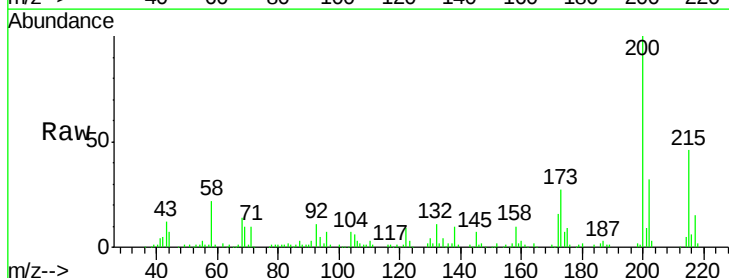
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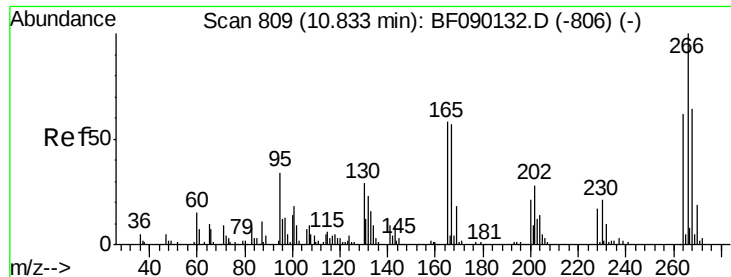
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#68
Atrazine
Concen: 37.79 ng
RT: 10.72 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	167184		
173	27.3	9.3	49.3	
215	46.1	26.1	66.1	





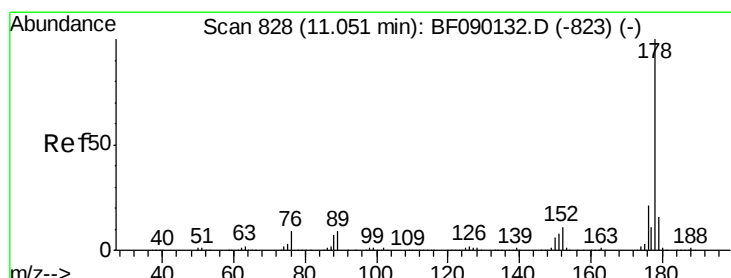
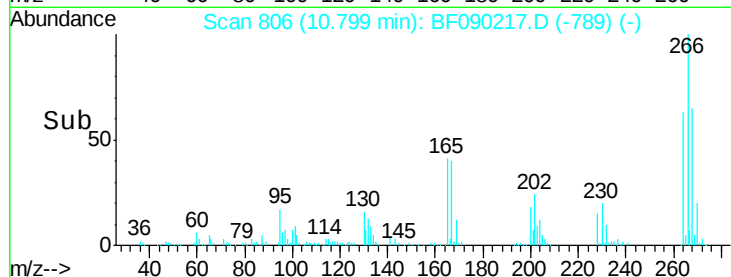
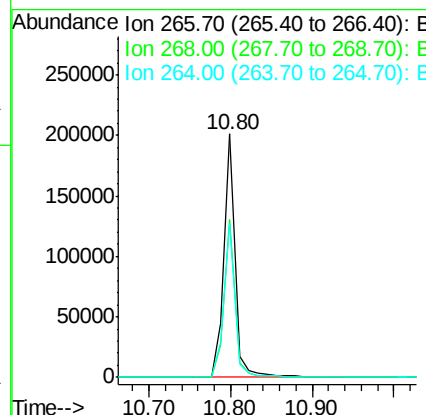
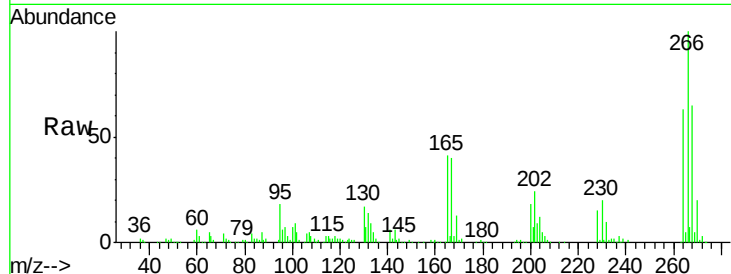
#69
 Pentachlorophenol
 Concen: 60.56 ng
 RT: 10.80 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampled :
 PB93576BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	52.1	78.1
264	63.1	50.3	75.5

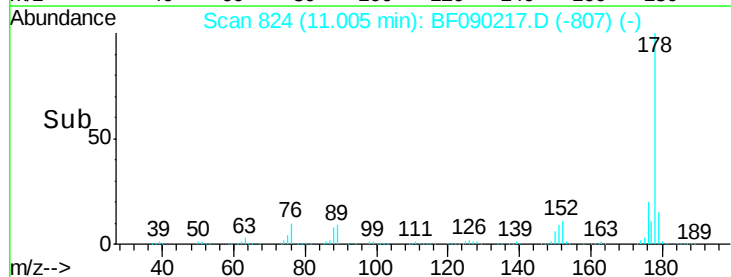
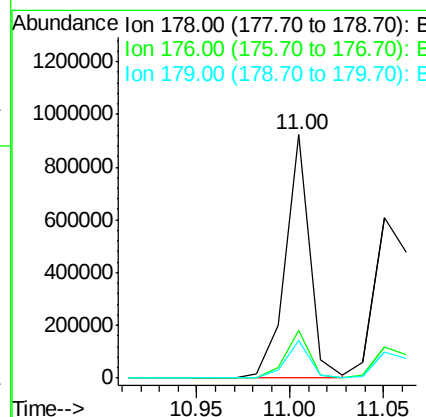
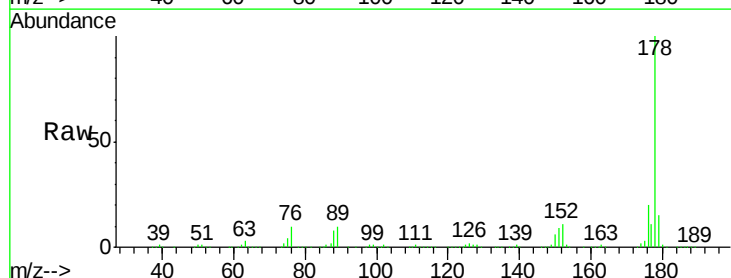
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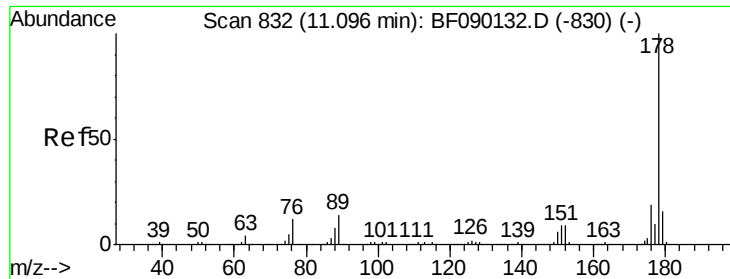
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#70
 Phenanthrene
 Concen: 36.45 ng
 RT: 11.00 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.4	12.9	19.3





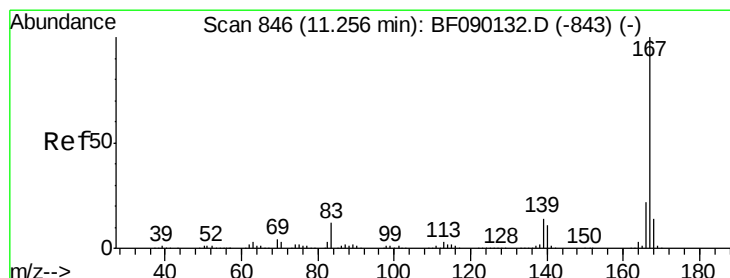
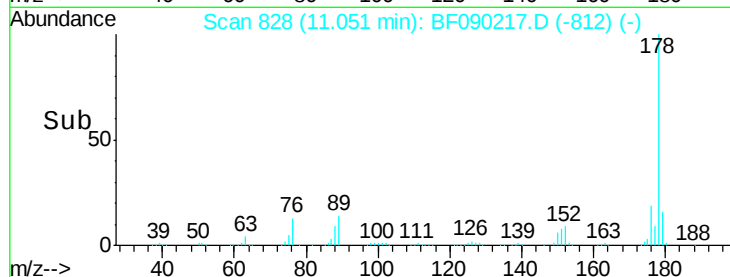
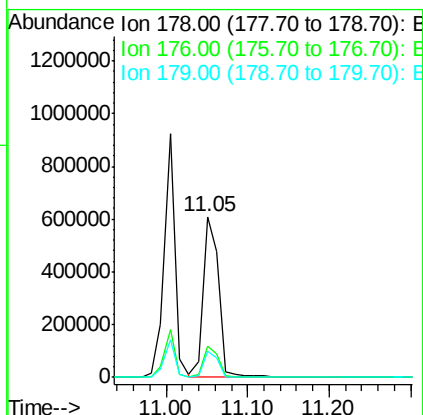
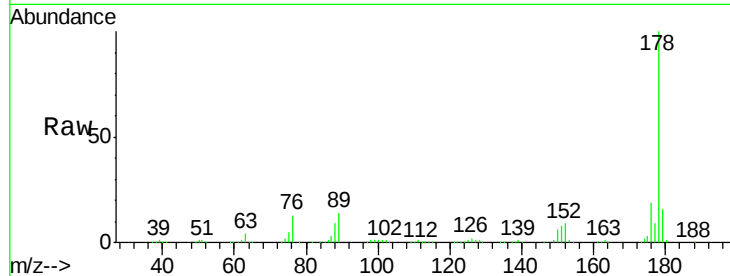
#71
 Anthracene
 Concen: 34.12 ng
 RT: 11.05 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.8	23.6
179	16.0	12.6	19.0

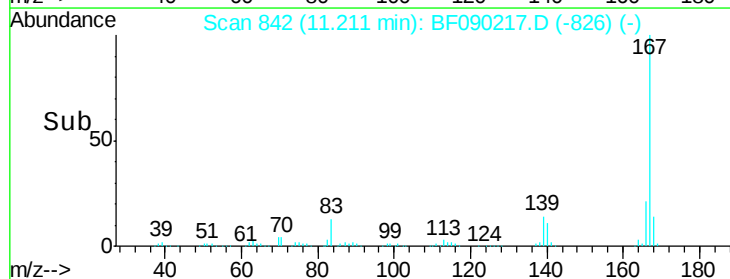
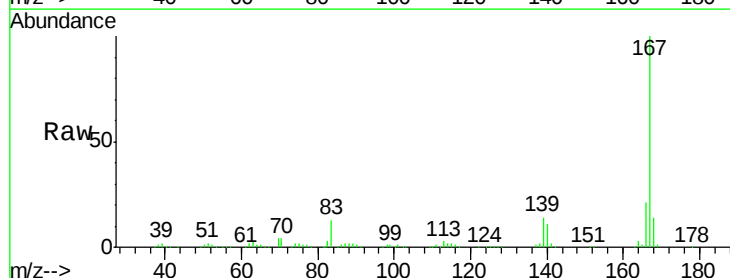
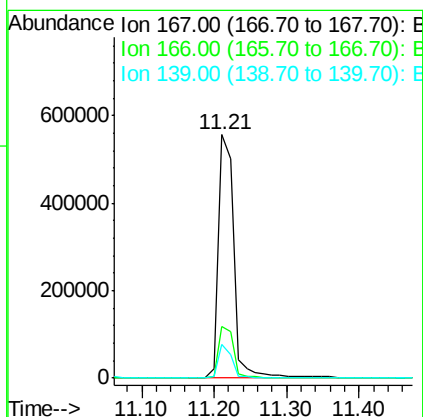
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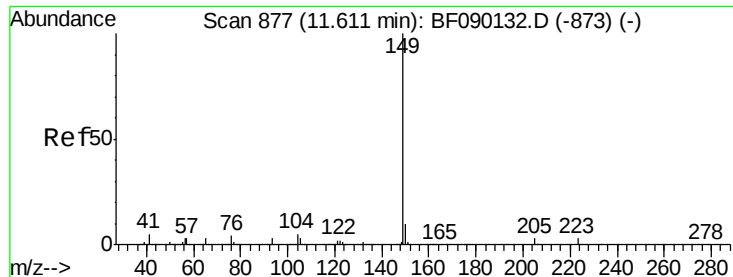
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#72
 Carbazole
 Concen: 32.31 ng
 RT: 11.21 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.0	27.0
139	13.9	10.4	15.6





#73

Di-n-butylphthalate

Concen: 32.02 ng

RT: 11.57 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

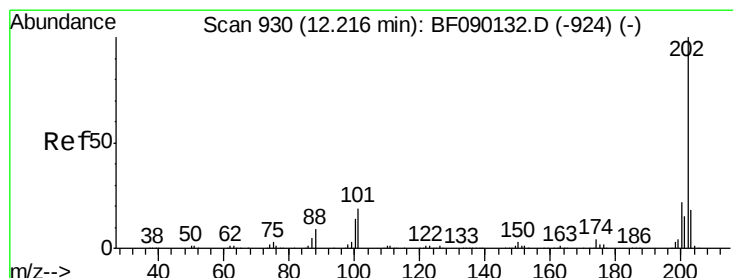
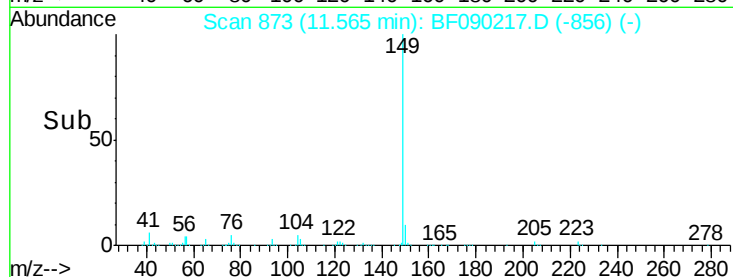
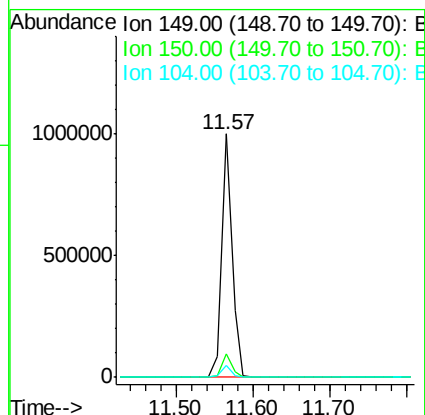
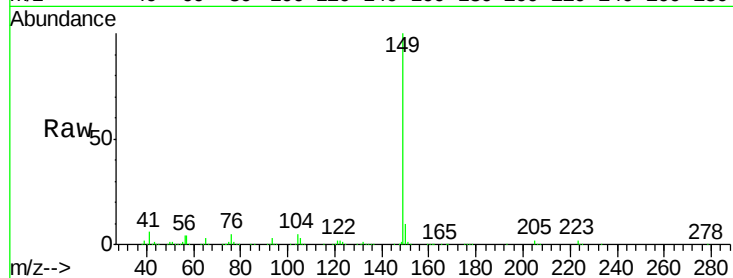
ClientSampled :

PB93576BS

Tot Ion:	149	Resp:	947971
Ion Ratio	Lower	Upper	
149	100		
150	9.8	7.8	11.8
104	4.8	3.9	5.9

Manual Integrations
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#74

Fluoranthene

Concen: 36.10 ng

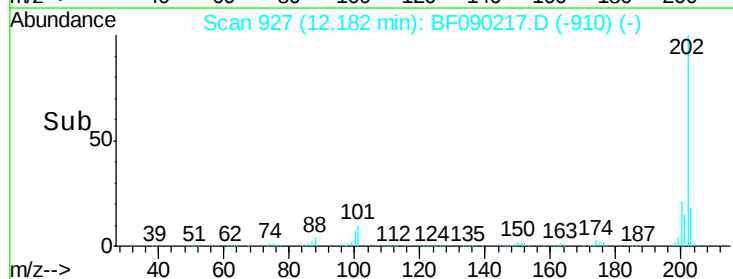
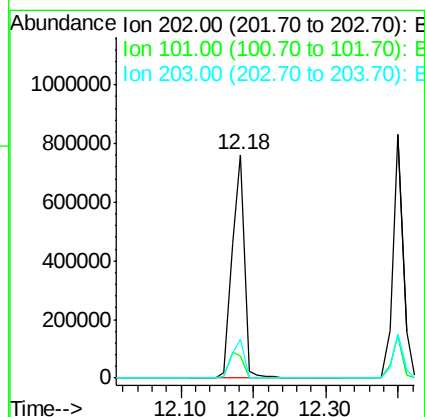
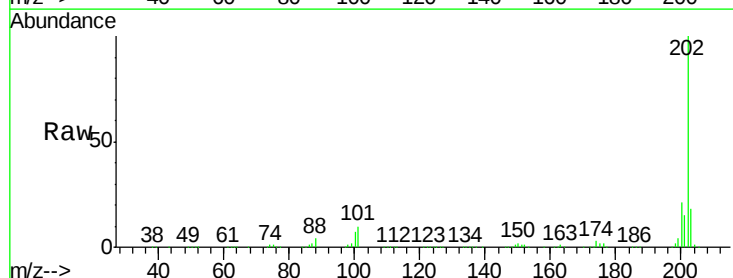
RT: 12.18 min Scan# 927

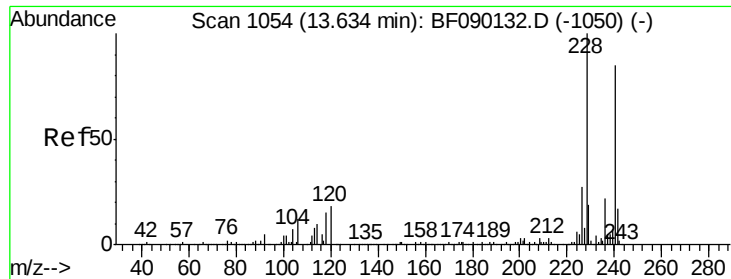
Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	202	Resp:	889742
Ion Ratio	Lower	Upper	
202	100		
101	9.7	0.0	36.1
203	17.5	0.0	38.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

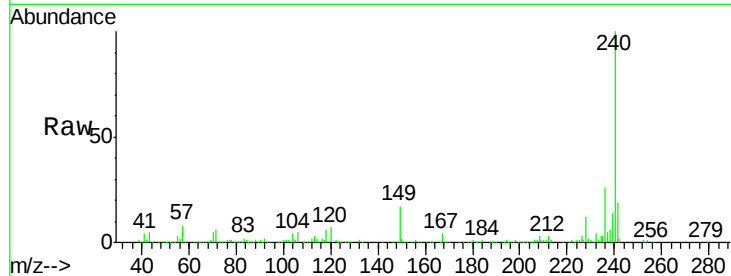
ClientSampleId :

PB93576BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	399199		
120	7.1	10.6	16.0	
236	25.7	21.6	32.4	

Manual Integrations
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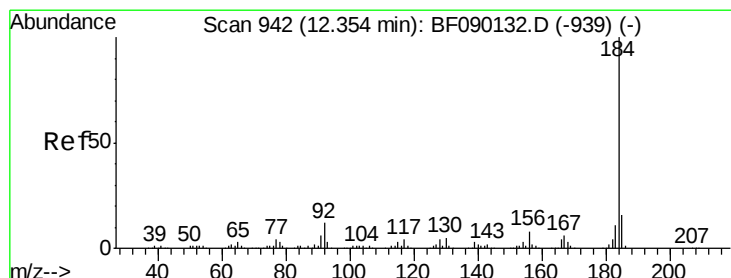
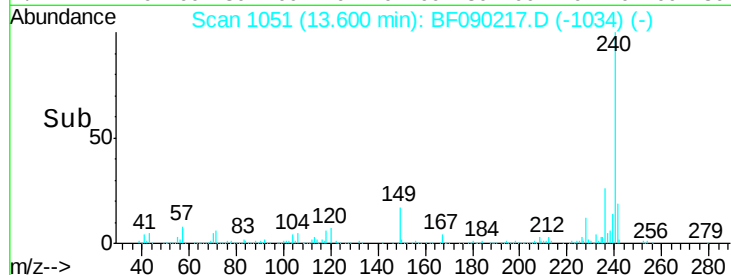
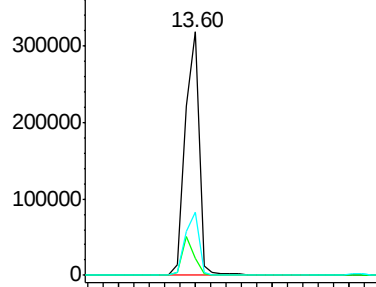
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 32.45 ng

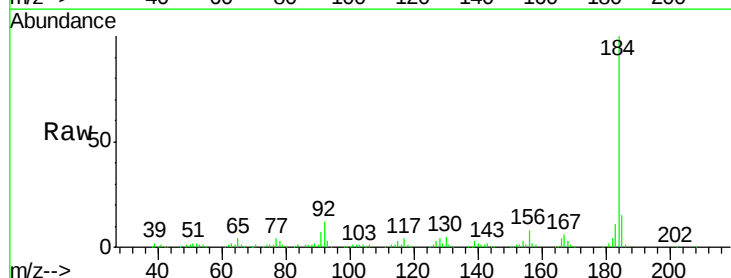
RT: 12.31 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

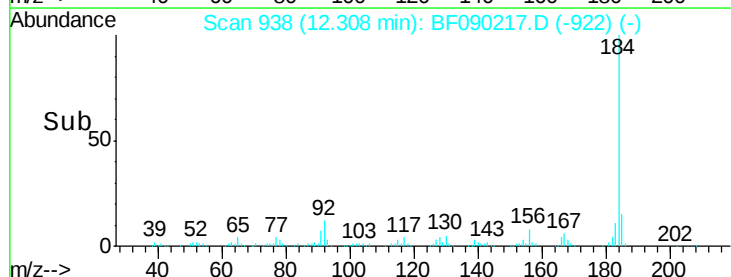
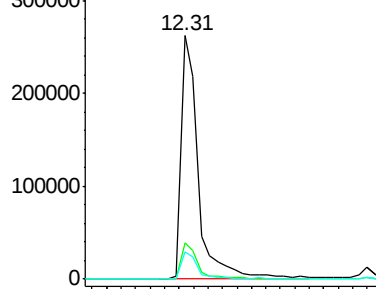
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	433573		
185	14.9	13.2	19.8	
183	11.2	9.2	13.8	

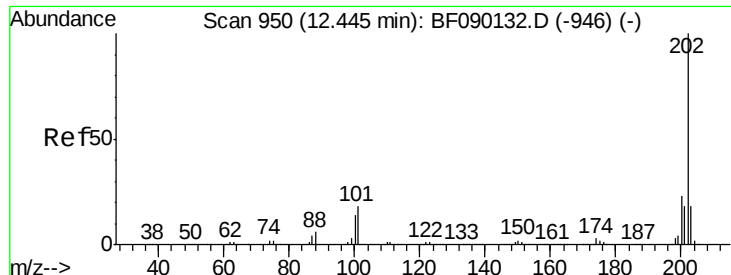


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





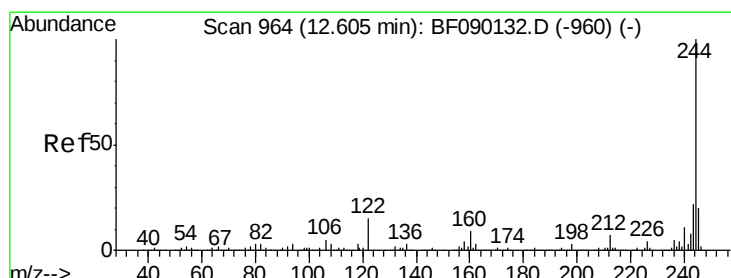
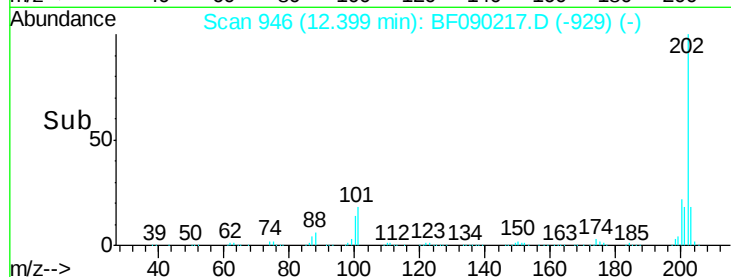
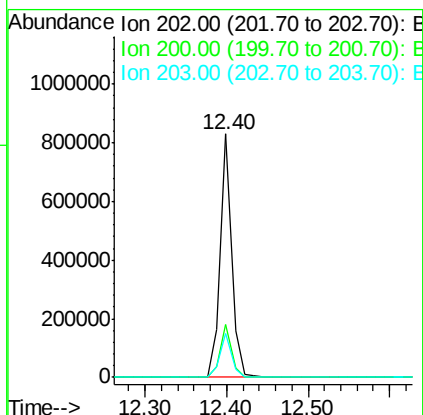
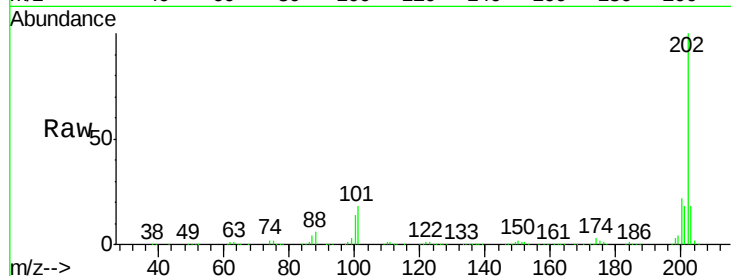
#77
Pvrene
Concen: 29.47 ng
RT: 12.40 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampled :
PB93576BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.9	26.9
203	18.2	14.2	21.4

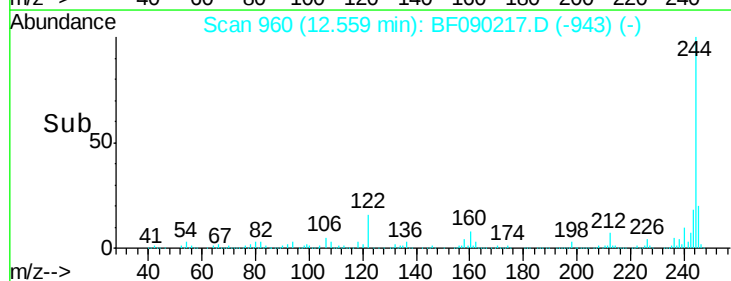
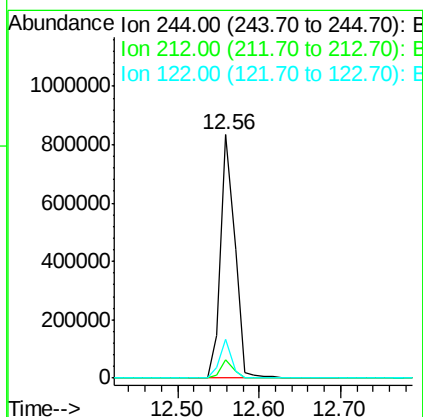
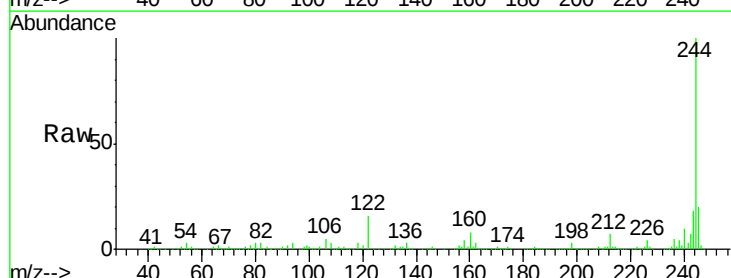
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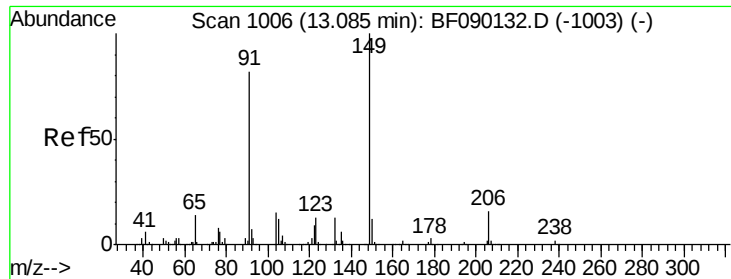
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#78
Terphenyl-d14
Concen: 64.44 ng
RT: 12.56 min Scan# 960
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	15.9	9.4	14.0#





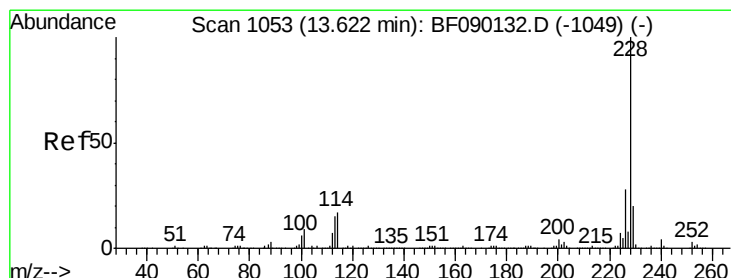
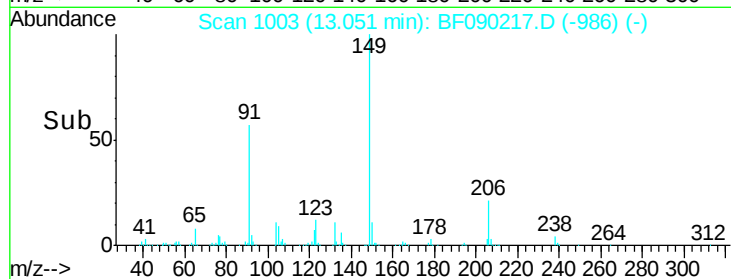
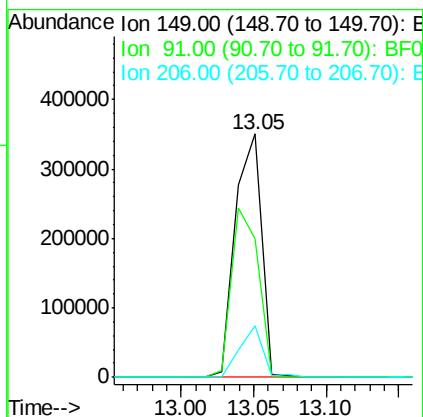
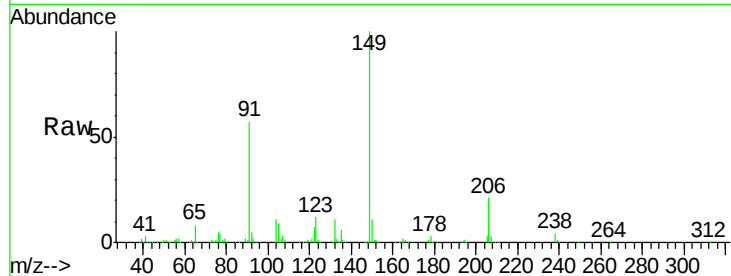
#79
Butylbenzylphthalate
Concen: 33.14 ng
RT: 13.05 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		442823		
91	56.7	49.8	74.6		
206	21.0	16.3	24.5		

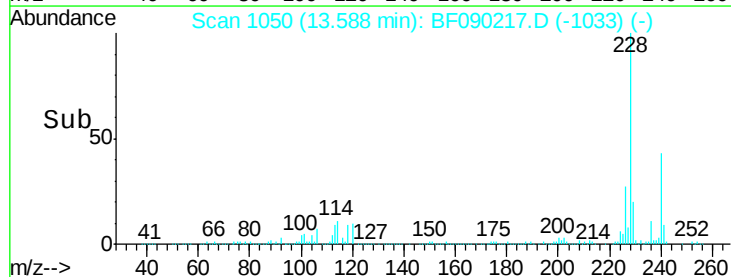
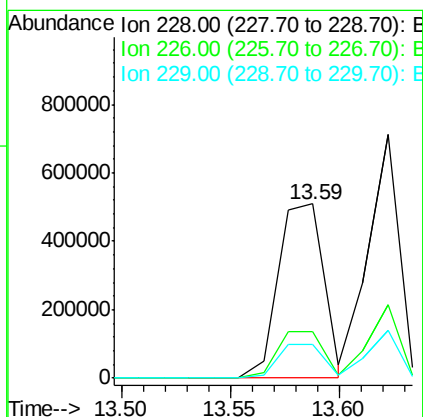
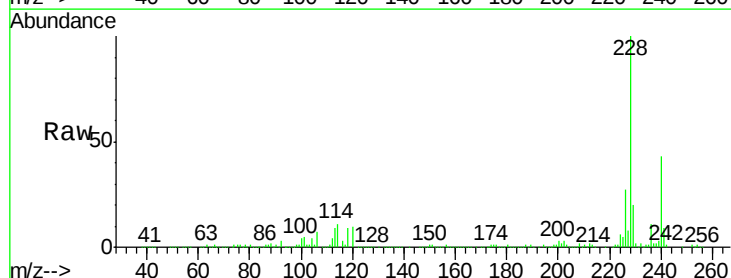
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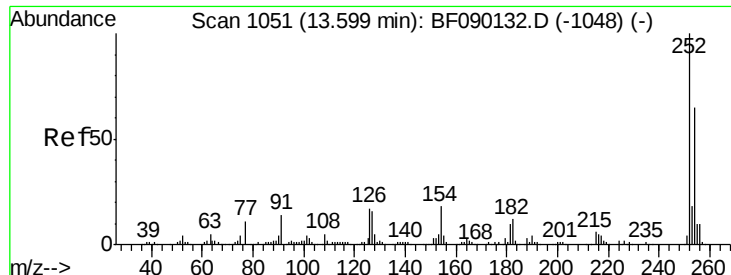
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#80
Benzo(a)anthracene
Concen: 34.86 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		748728		
226	26.9	22.0	33.0		
229	19.5	16.2	24.2		





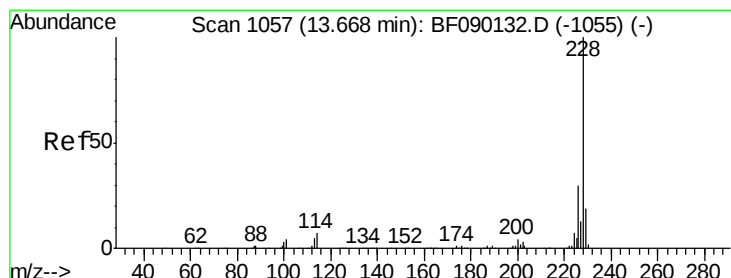
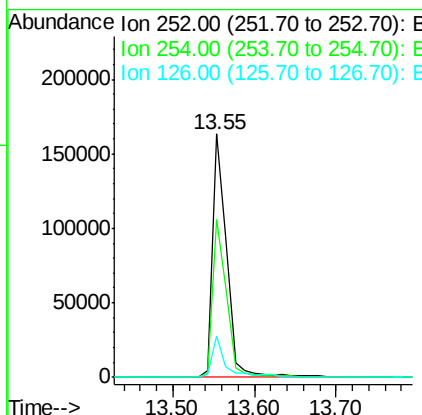
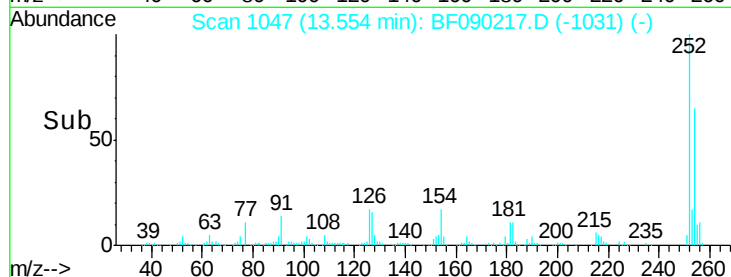
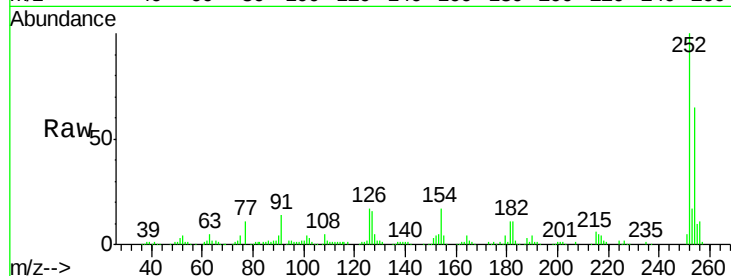
#81
 3,3'-Dichlorobenzidine
 Concen: 22.54 ng
 RT: 13.55 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.7	50.7	76.1
126	16.9	9.2	13.8

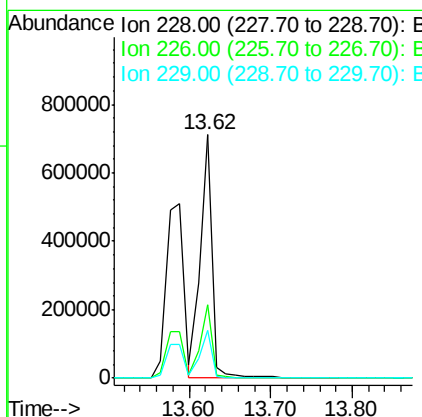
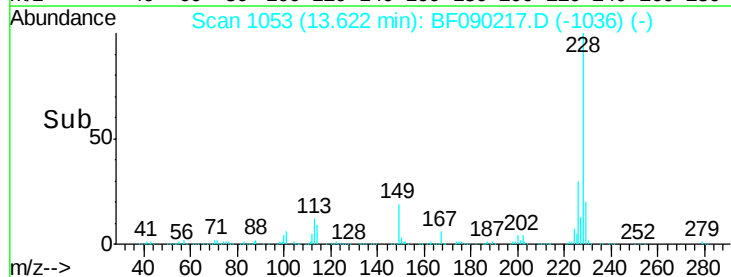
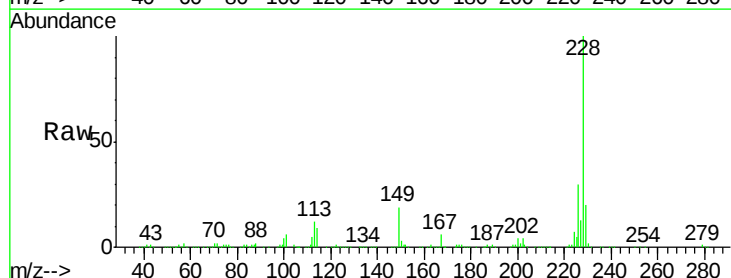
Manual Integrations
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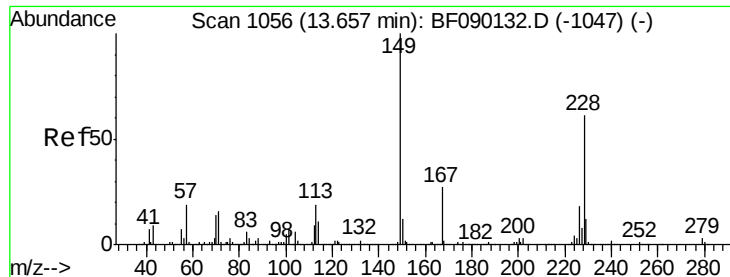
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#82
 Chrysene
 Concen: 34.70 ng
 RT: 13.62 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.0	24.6	37.0
229	19.7	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.22 ng

RT: 13.61 min Scan# 1052

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

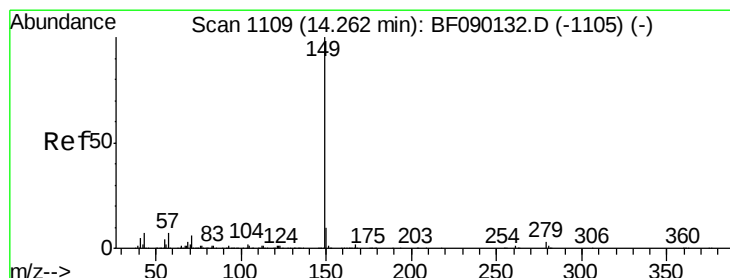
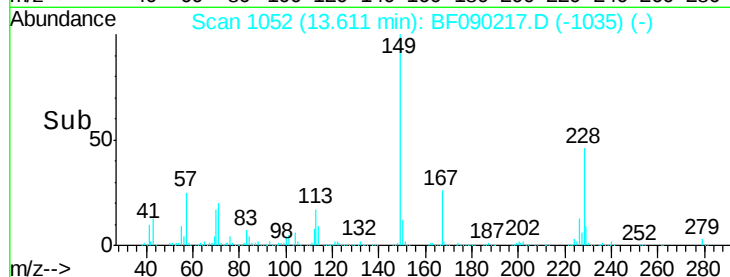
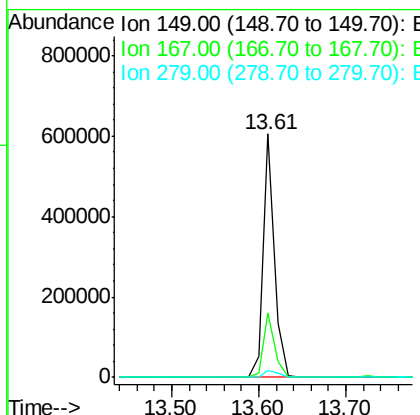
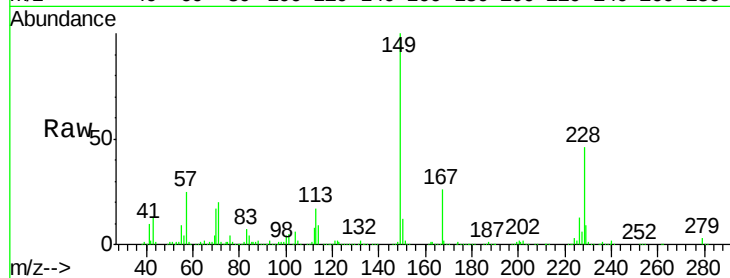
ClientSampleId :

PB93576BS

Tot Ion:	149	Resp:	550909
Ion Ratio		Lower	Upper
149	100		
167	26.3	21.2	31.8
279	2.6	2.2	3.2

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 35.37 ng

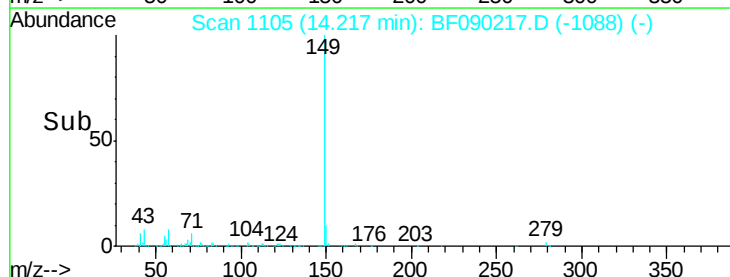
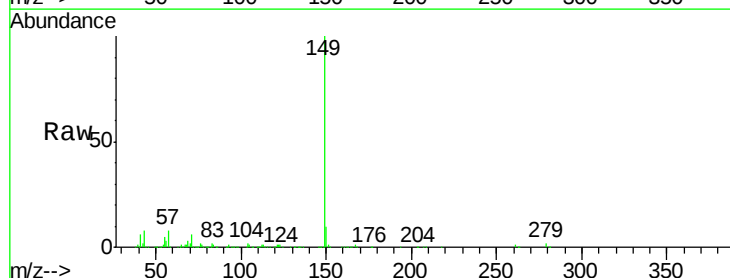
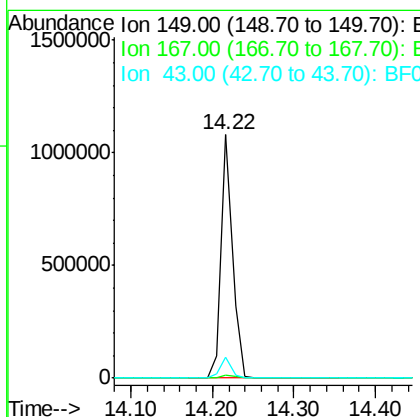
RT: 14.22 min Scan# 1105

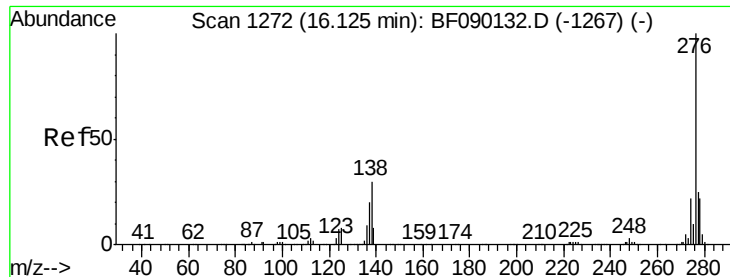
Delta R.T. -0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	149	Resp:	1041764
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.9	6.8	10.2





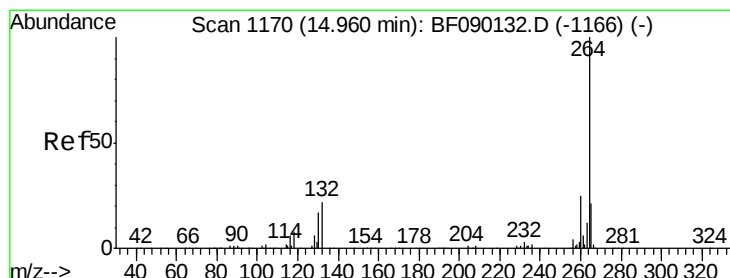
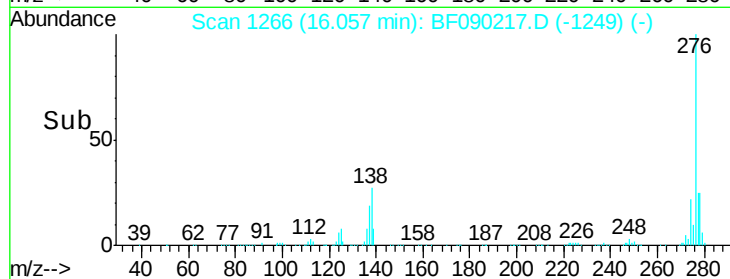
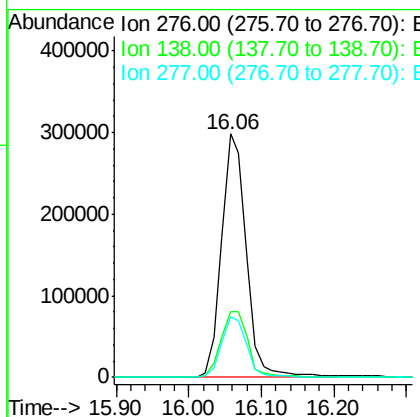
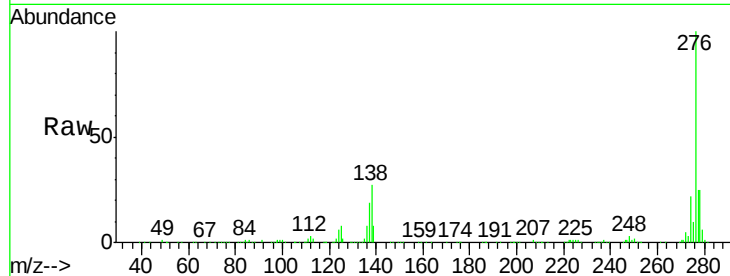
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.82 ng
RT: 16.06 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	25.9	38.9
277	25.3	19.9	29.9

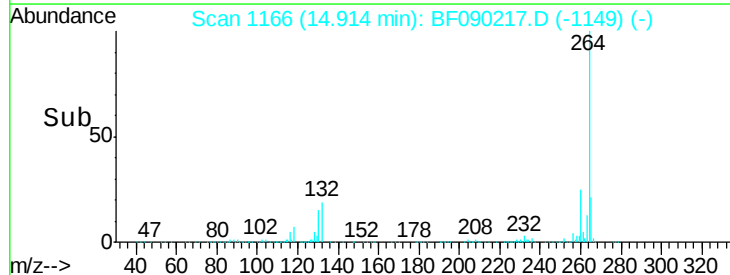
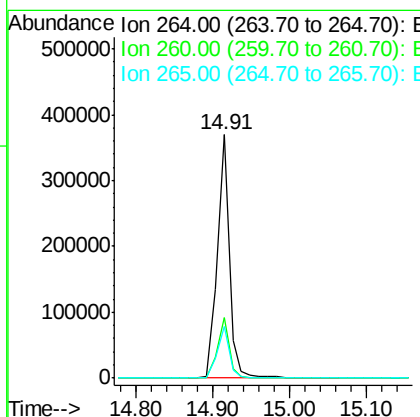
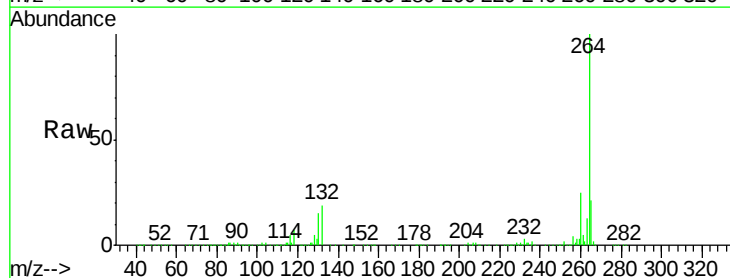
Manual Integrations
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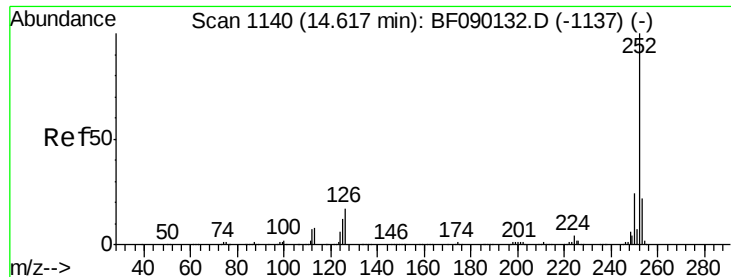
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#86
Perylene-d12
Concen: 20.00 ng
RT: 14.91 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.3	17.0	25.4





#87

Benzo(b)fluoranthene

Concen: 31.48 ng m

RT: 14.57 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Instrument :

BNA_F

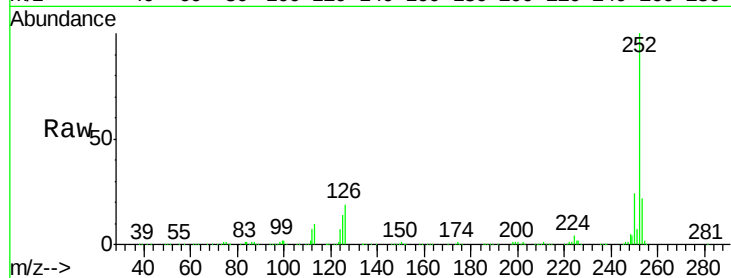
ClientSampleId :

PB93576BS

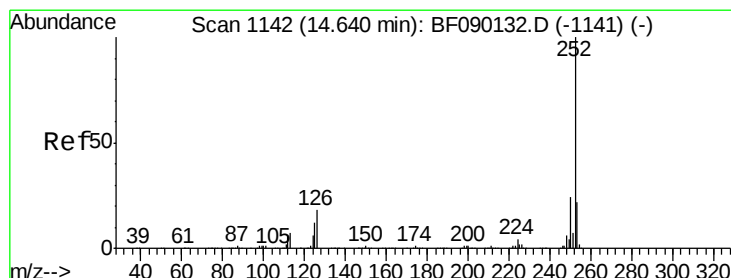
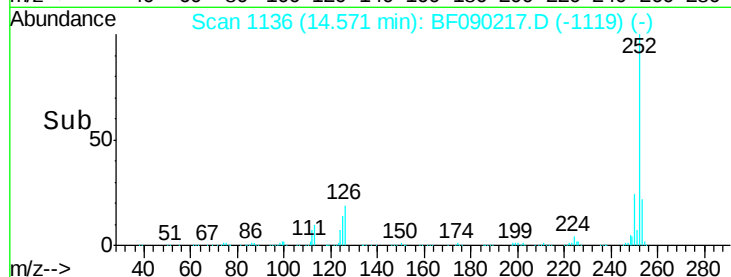
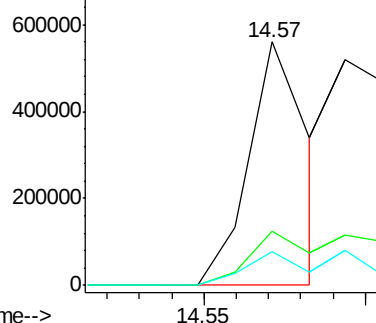
Tot Ion:	252	Resp:	708854
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.9	26.9
125	14.0	12.7	19.1

Manual Integrations
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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: 34.46 ng m

RT: 14.59 min Scan# 1138

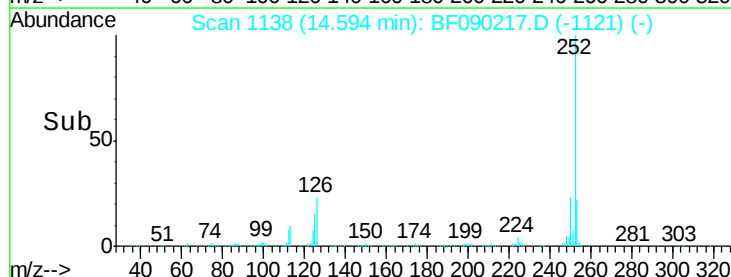
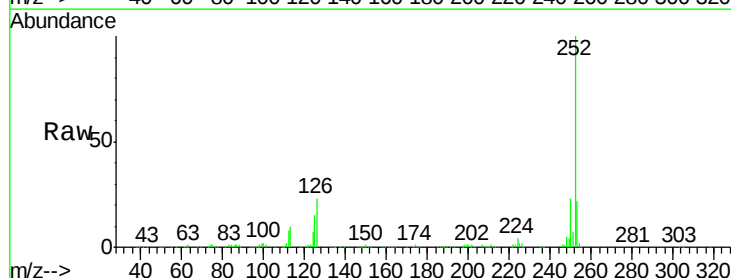
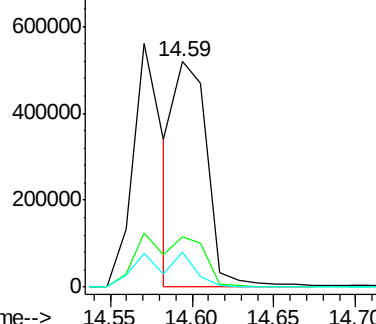
Delta R.T. 0.00 min

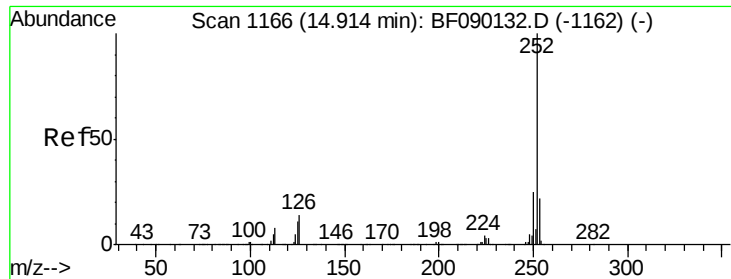
Lab File: BF090217.D

Acq: 26 Sep 2016 13:24

Tgt Ion:	252	Resp:	728394
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.8
125	15.3	7.8	11.6#

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





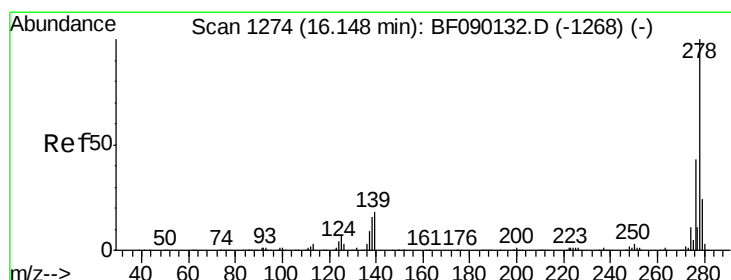
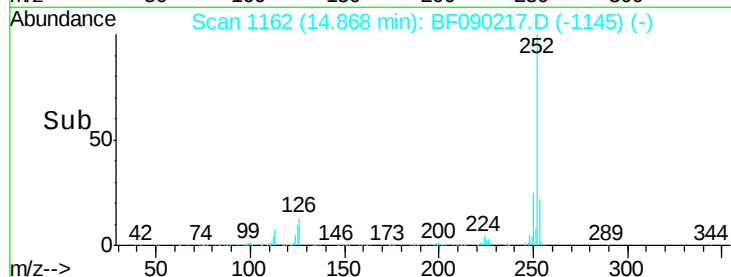
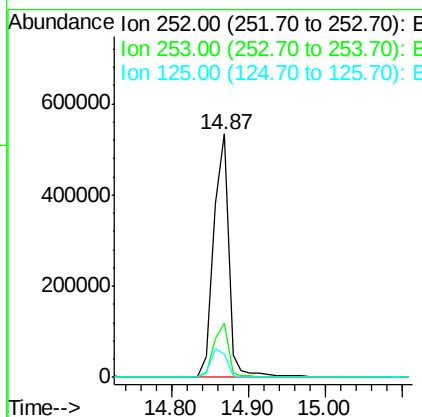
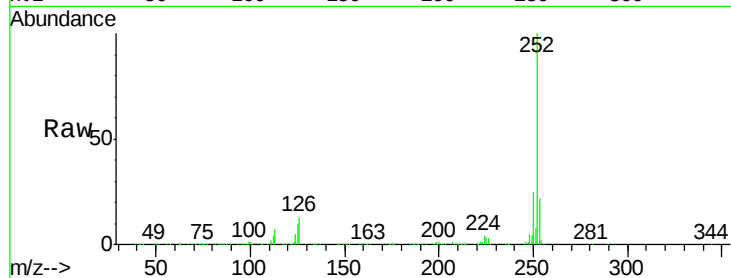
#89
Benzo(a)pyrene
Concen: 34.08 ng
RT: 14.87 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Instrument :
BNA_F
ClientSampleId :
PB93576BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	9.8	7.7	11.5

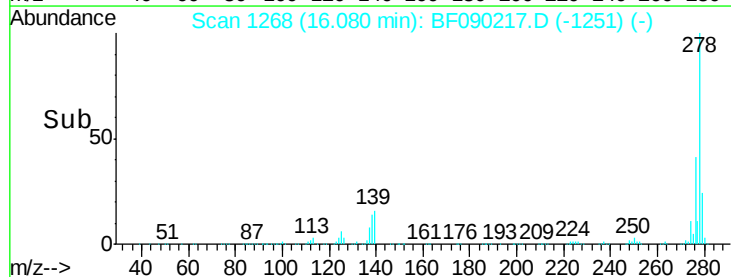
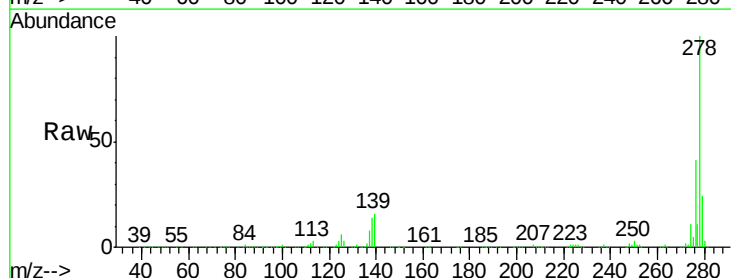
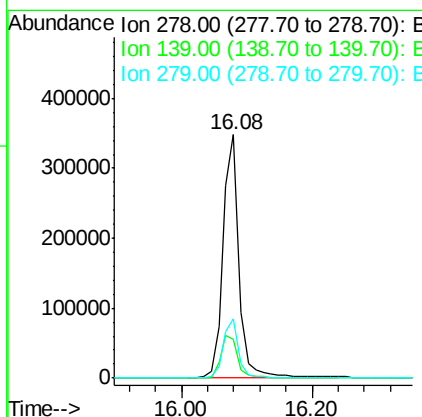
Manual Integrations
APPROVED

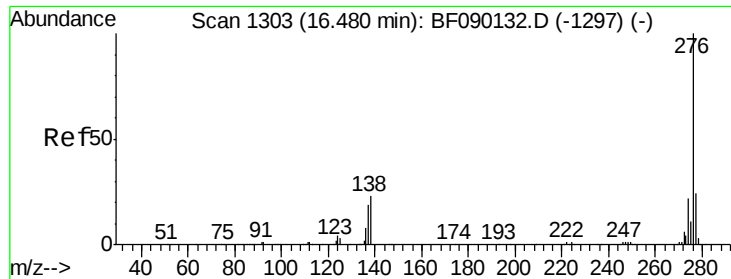
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#90
Dibenzo(a,h)anthracene
Concen: 36.30 ng
RT: 16.08 min Scan# 1268
Delta R.T. 0.00 min
Lab File: BF090217.D
Acq: 26 Sep 2016 13:24

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.6	21.8
279	24.4	18.8	28.2





#91
 Benzo(a,h,i)perylene
 Concen: 35.88 ng
 RT: 16.40 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF090217.D
 Acq: 26 Sep 2016 13:24

Instrument :
 BNA_F
 ClientSampleId :
 PB93576BS

Tot Ion:	276	Resp:	580530
Ion Ratio		Lower	Upper
276	100		
277	23.8	18.9	28.3
138	26.3	23.3	34.9

Manual Integrations
 APPROVED

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