

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
 Data File : BF087917.D
 Acq On : 11 Jun 2016 22:30
 Operator : UM/SJ
 Sample : H3362-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Manual Integrations
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Quant Time: Jun 12 05:49:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	153653	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	641444	20.00	ng	-0.03
38) Acenaphthene-d10	9.85	164	331563	20.00	ng	-0.03
63) Phenanthrene-d10	11.32	188	615089	20.00	ng	-0.03
75) Chrysene-d12	13.97	240	399822	20.00	ng	-0.02
86) Perylene-d12	15.38	264	380459	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	484187	53.87	ng	-0.03
7) Phenol-d6	6.43	99	396749	36.42	ng	-0.05
23) Nitrobenzene-d5	7.38	82	890065	81.03	ng	-0.03
41) 2,4,6-Tribromophenol	10.64	330	296503	84.69	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1357028	62.85	ng	-0.03
78) Terphenyl-d14	12.91	244	1379182	78.49	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	60277	13.80	ng	# 32
3) Pyridine	3.11	79	133160	12.91	ng	97
4) n-Nitrosodimethylamine	3.04	42	62848	14.39	ng	85
6) Aniline	6.47	93	302004	19.48	ng	96
8) 2-Chlorophenol	6.59	128	337422	31.72	ng	# 78
9) Benzaldehyde	6.34	77	32368	3.88	ng	96
10) Phenol	6.44	94	157737	12.21	ng	83
11) bis(2-Chloroethyl)ether	6.54	93	379130	39.69	ng	95
12) 1,3-Dichlorobenzene	6.74	146	399258	34.98	ng	97
13) 1,4-Dichlorobenzene	6.82	146	423310	36.82	ng	99
14) 1,2-Dichlorobenzene	6.97	146	370705m	35.45	ng	
15) Benzyl Alcohol	6.95	79	215182	25.25	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	525418	40.72	ng	89
17) 2-Methylphenol	7.07	107	259009	30.02	ng	98
18) Hexachloroethane	7.31	117	148182	36.32	ng	# 84
19) n-Nitroso-di-n-propylamine	7.23	70	310393	44.54	ng	88
20) 3+4-Methylphenols	7.22	107	227071	22.56	ng	# 66
22) Acetophenone	7.22	105	565054	39.42	ng	# 93
24) Nitrobenzene	7.39	77	431544	40.56	ng	93
25) Isophorone	7.63	82	850682	41.81	ng	100
26) 2-Nitrophenol	7.71	139	262481	46.05	ng	# 76
27) 2,4-Dimethylphenol	7.76	122	379716	36.18	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	529678	41.97	ng	98
29) 2,4-Dichlorophenol	7.95	162	353534	40.35	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	350222	36.71	ng	99
31) Naphthalene	8.11	128	1158533	36.50	ng	100
32) Benzoic acid	7.84	122	75501	13.07	ng	95
33) 4-Chloroaniline	8.17	127	361359	25.49	ng	# 92
34) Hexachlorobutadiene	8.24	225	191585	38.07	ng	98
35) Caprolactam	8.55	113	19158	6.60	ng	97
36) 4-Chloro-3-methylphenol	8.65	107	374074	39.92	ng	93
37) 2-Methylnaphthalene	8.81	142	849363	40.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	335081	36.44	ng	# 1
40) Hexachlorocyclopentadiene	8.96	237	322622	60.32	ng	99

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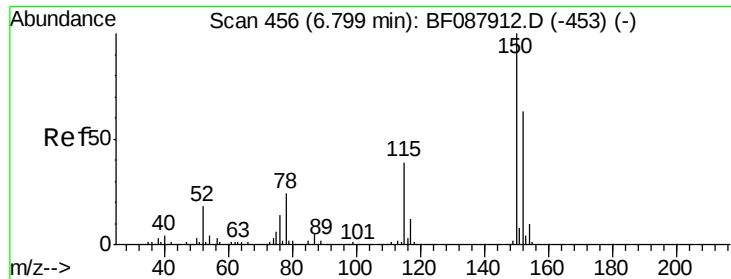
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	257622	38.85	nq	97
43) 2,4,5-Trichlorophenol	9.13	196	249188	36.12	nq	98
45) 1,1'-Biphenyl	9.28	154	1056508	42.04	nq	96
46) 2-Chloronaphthalene	9.30	162	842808	39.28	nq	95
47) 2-Nitroaniline	9.39	65	232147	36.68	nq	90
48) Acenaphthylene	9.71	152	1206000	35.34	nq	99
49) Dimethylphthalate	9.59	163	1004130	41.81	nq	100
50) 2,6-Dinitrotoluene	9.64	165	257082	46.74	nq	95
51) Acenaphthene	9.88	154	852680	40.05	nq	99
52) 3-Nitroaniline	9.80	138	157799	24.86	nq	94
53) 2,4-Dinitrophenol	9.92	184	264388	86.02	nq #	81
54) Dibenzofuran	10.06	168	1028200	35.07	nq #	90
55) 4-Nitrophenol	9.96	139	121389	24.64	nq	91
56) 2,4-Dinitrotoluene	10.04	165	293515	41.52	nq #	73
57) Fluorene	10.40	166	798926	39.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	197846	36.50	nq #	51
59) Diethylphthalate	10.28	149	975989	40.15	nq	96
60) 4-Chlorophenyl-phenylether	10.39	204	318689	32.68	nq	95
61) 4-Nitroaniline	10.42	138	223522	37.13	nq	98
62) Azobenzene	10.55	77	888366	36.95	nq	97
64) 4,6-Dinitro-2-methylphenol	10.46	198	174913	45.66	nq #	60
65) n-Nitrosodiphenylamine	10.51	169	722385	35.39	nq	99
66) 4-Bromophenyl-phenylether	10.88	248	228792	34.67	nq #	87
67) Hexachlorobenzene	10.95	284	270425	39.44	nq #	78
68) Atrazine	11.05	200	261977	42.39	nq	98
69) Pentachlorophenol	11.14	266	305554	84.54	nq	98
70) Phenanthrene	11.36	178	1235259	38.27	nq	99
71) Anthracene	11.40	178	1157656	35.56	nq	99
72) Carbazole	11.57	167	1222343	40.12	nq	99
73) Di-n-butylphthalate	11.90	149	1222281	31.69	nq	99
74) Fluoranthene	12.54	202	1193438	35.04	nq	97
76) Benzidine	12.66	184	302693	27.34	nq	98
77) Pyrene	12.77	202	1163158	39.20	nq	99
79) Butylbenzylphthalate	13.39	149	597672	45.56	nq	87
80) Benzo(a)anthracene	13.95	228	940500	41.28	nq	100
81) 3,3'-Dichlorobenzidine	13.92	252	220575	36.00	nq #	96
82) Chrysene	14.00	228	1023531	47.75	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	604984	37.89	nq	100
84) Di-n-octyl phthalate	14.57	149	1338227	51.58	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	905283	45.46	nq #	100
87) Benzo(b)fluoranthene	14.98	252	1039762m	39.21	nq	
88) Benzo(k)fluoranthene	15.01	252	680462m	34.02	nq	
89) Benzo(a)pyrene	15.33	252	842543	39.27	nq #	96
90) Dibenzo(a,h)anthracene	16.78	278	731924	36.73	nq	97
91) Benzo(g,h,i)perylene	17.17	276	777045	37.91	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.05 min

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Instrument :

BNA_F

ClientSampleId :

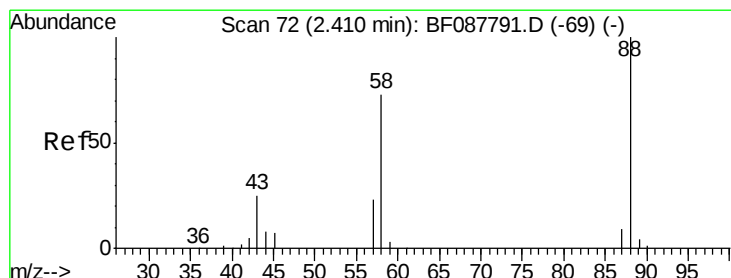
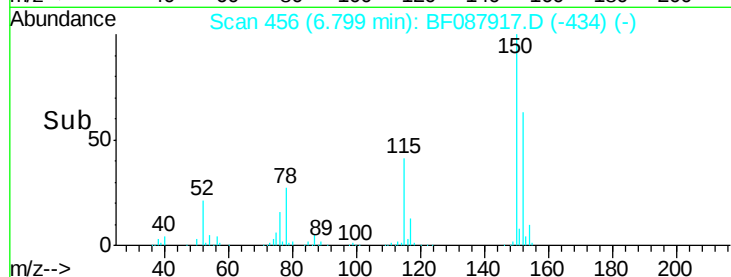
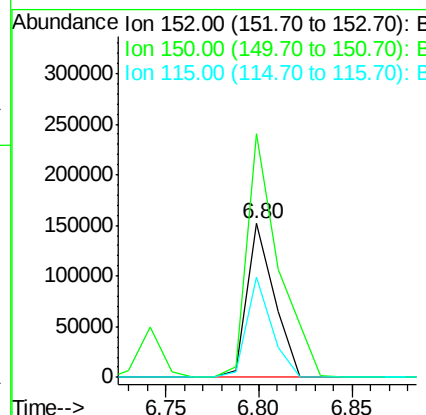
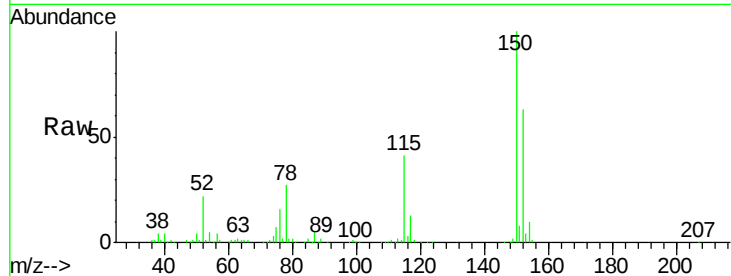
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Tot Ion:	152	Resp:	153653
Ion Ratio	Lower	Upper	
152	100		
150	158.2	123.8	185.6
115	65.3	39.6	59.4



#2

1,4-Dioxane

Concen: 13.80 ng

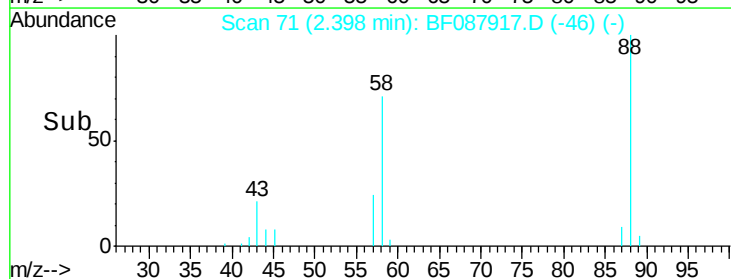
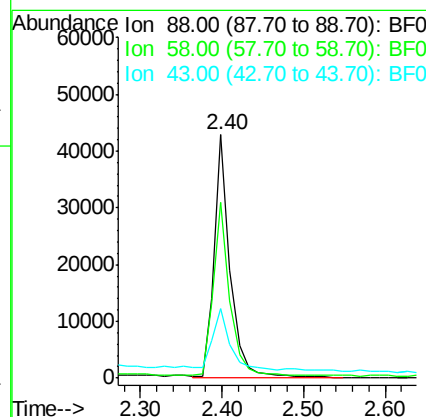
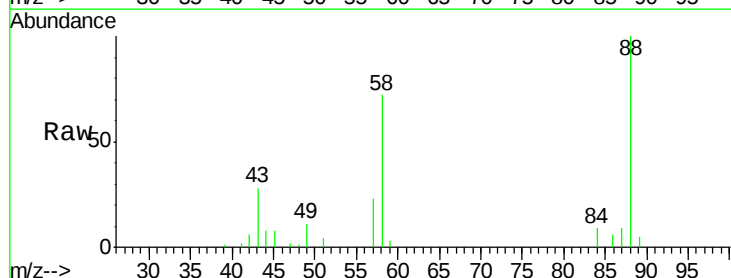
RT: 2.40 min Scan# 71

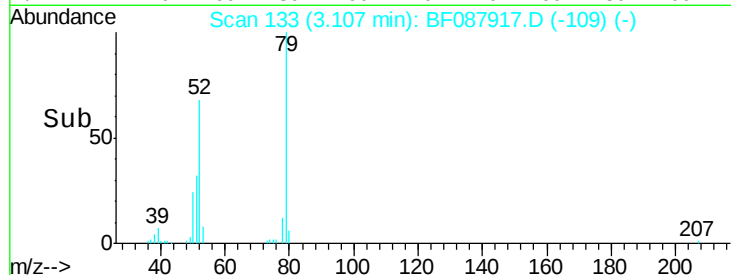
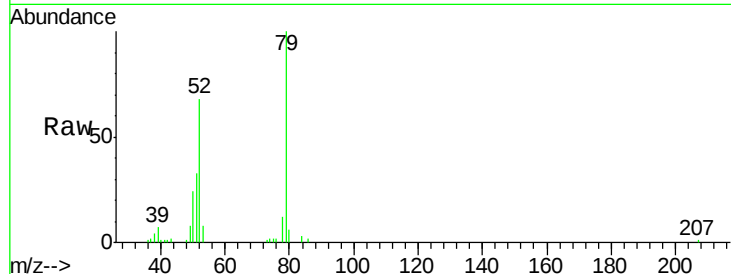
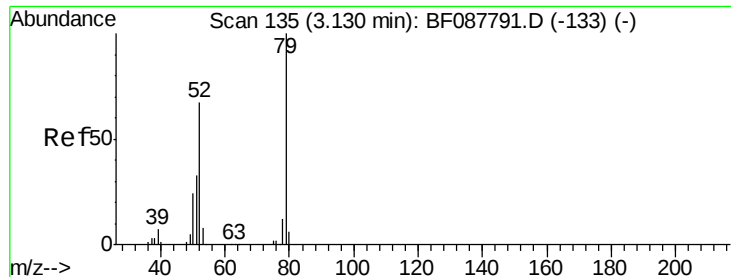
Delta R.T. -0.01 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	88	Resp:	60277
Ion Ratio	Lower	Upper	
88	100		
58	72.2	0.0	0.0
43	26.6	3.4	5.2





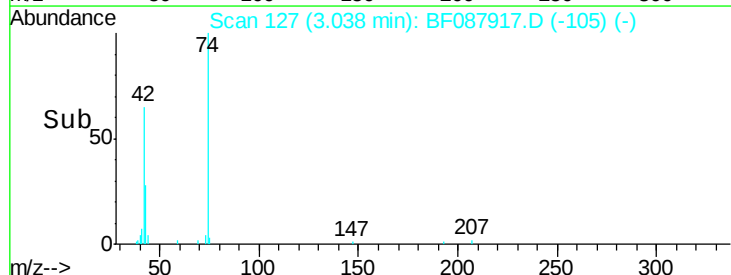
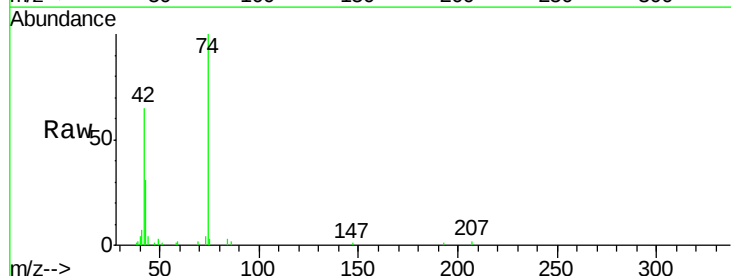
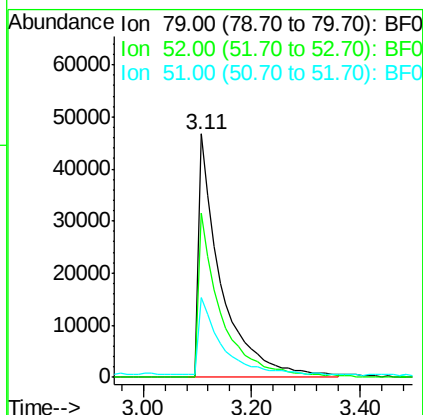
#3
Pvridine
Concen: 12.91 ng
RT: 3.11 min Scan# 133
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		133160		
52	67.7	56.3	84.5		
51	32.9	27.4	41.2		

Instrument :
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ClientSampleId :
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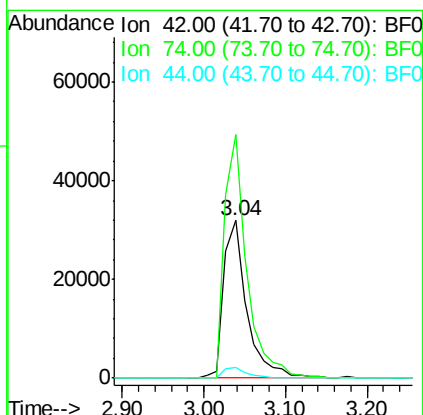
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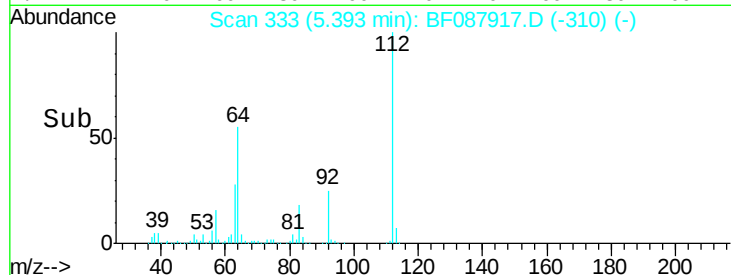
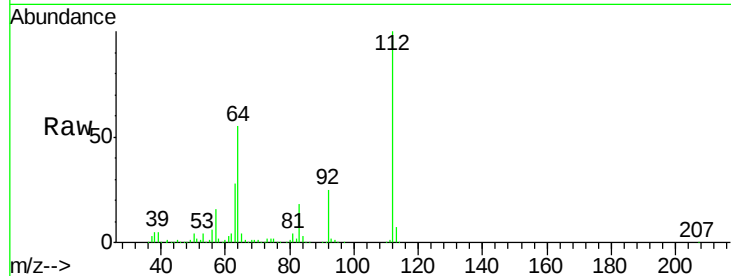
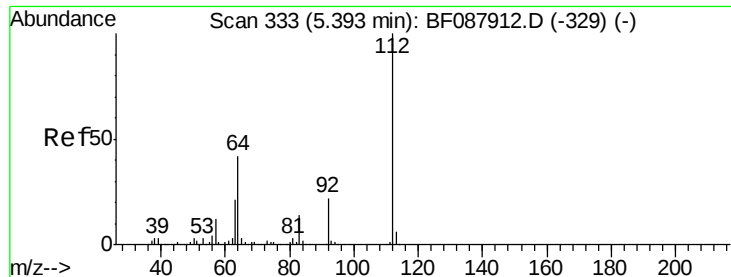
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#4
n-Nitrosodimethylamine
Concen: 14.39 ng
RT: 3.04 min Scan# 127
Delta R.T. -0.05 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		62848		
74	154.3	108.6	163.0		
44	6.9	5.5	8.3		





#5

2-Fluorophenol

Concen: 53.87 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		484187		
64	55.2	42.2	63.2		
63	28.2	21.8	32.8		

Instrument :

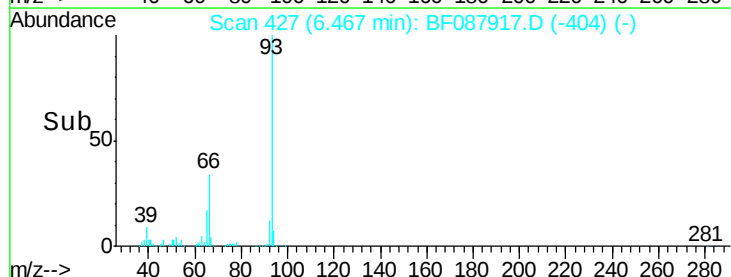
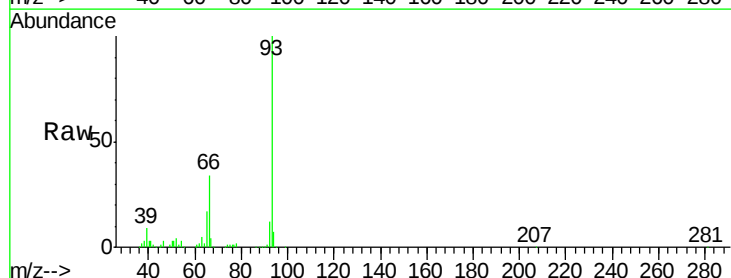
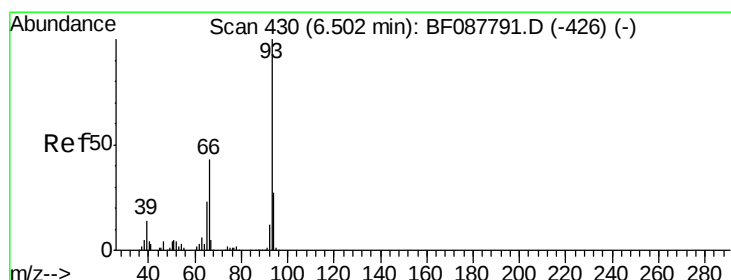
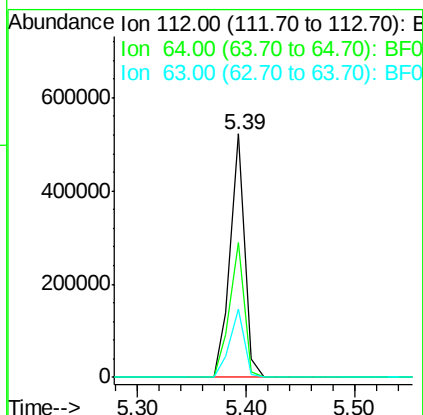
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#6

Aniline

Concen: 19.48 ng

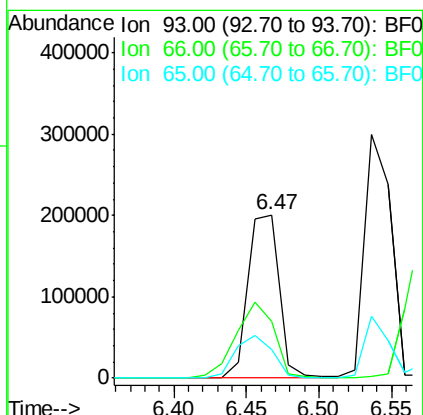
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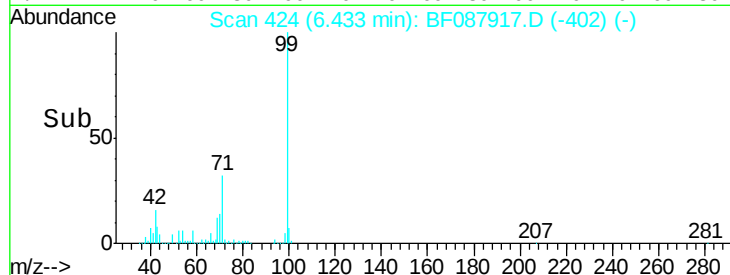
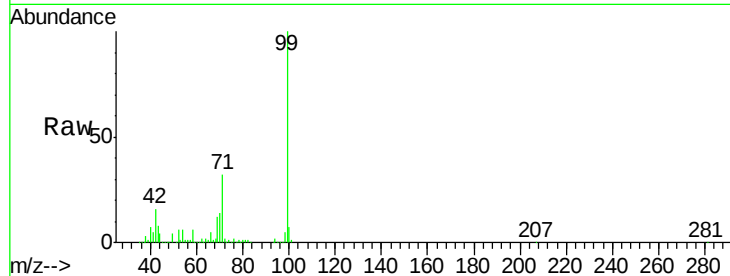
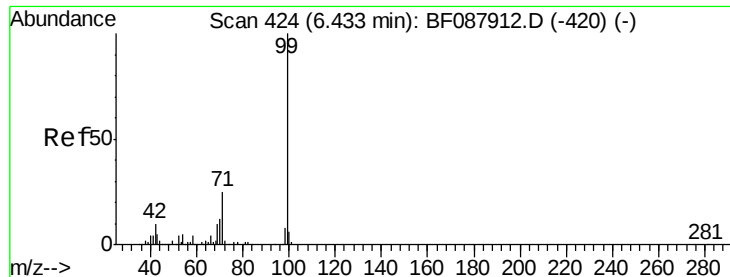
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		302004		
66	34.4	29.8	44.8		
65	17.2	14.9	22.3		





#7

Phenol-d6

Concen: 36.42 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tot Ion:	99	Resp:	396749
Ion Ratio	Lower	Upper	
99	100		
42	16.5	12.2	18.2
71	31.6	23.4	35.0

Instrument :

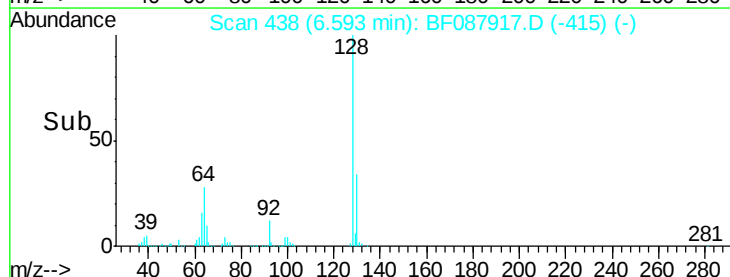
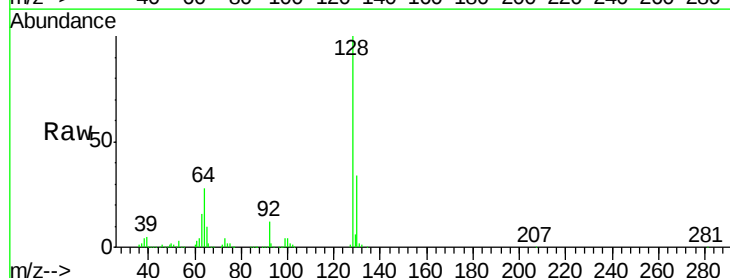
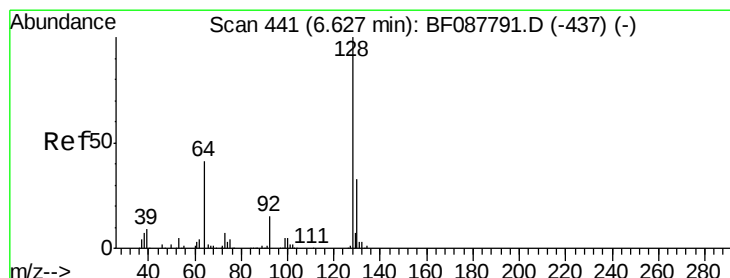
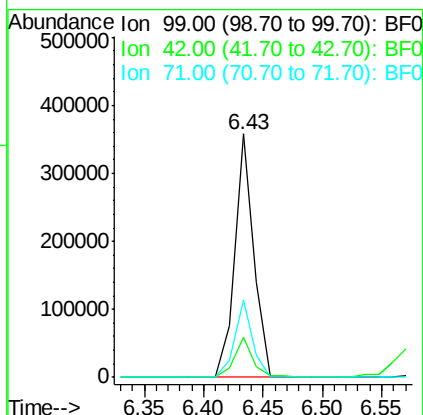
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#8

2-Chlorophenol

Concen: 31.72 ng

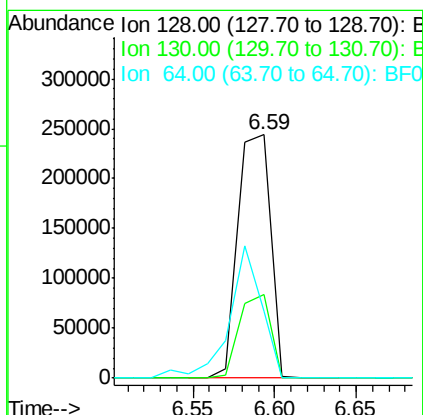
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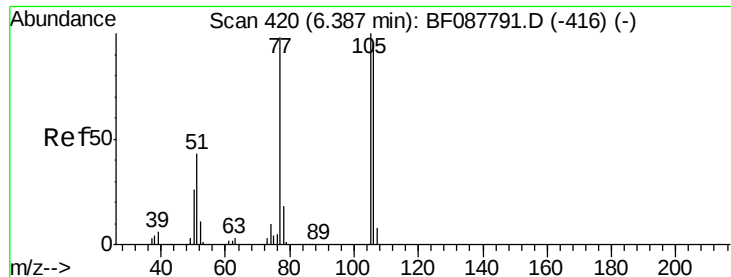
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	128	Resp:	337422
Ion Ratio	Lower	Upper	
128	100		
130	34.2	12.0	52.0
64	27.6	30.8	70.8#





#9

Benzaldehyde

Concen: 3.88 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087917.D

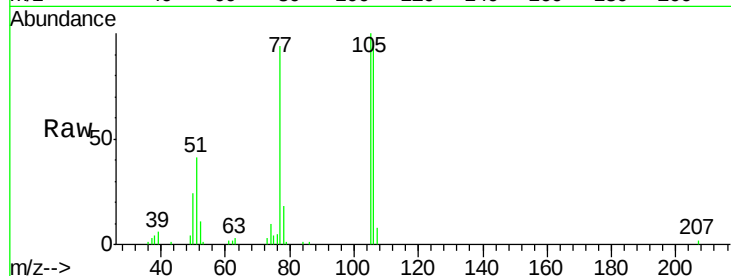
Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

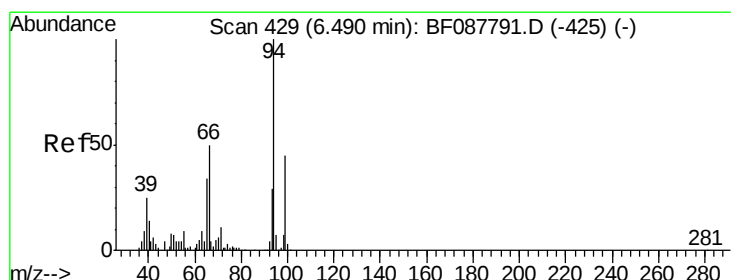
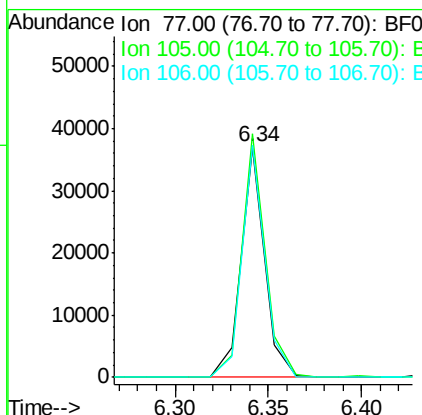
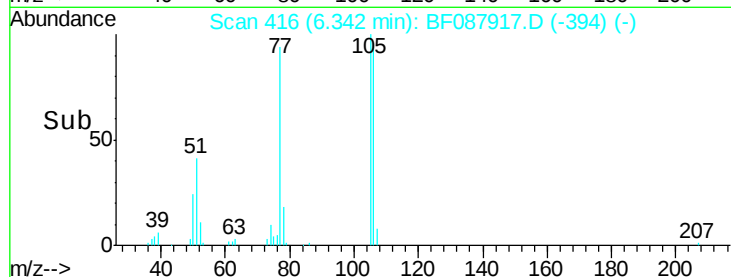
SP16-JMW0991MSD



Tot Ion:	77	Resp:	32368
Ion	Ratio	Lower	Upper
77	100		
105	106.0	90.6	130.6
106	101.2	85.3	125.3

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#10

Phenol

Concen: 12.21 ng

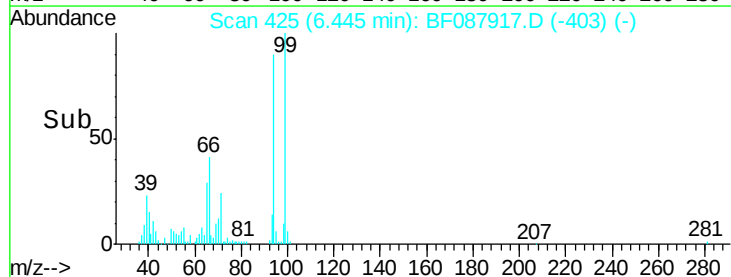
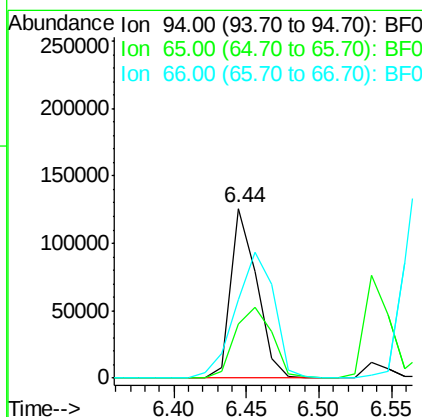
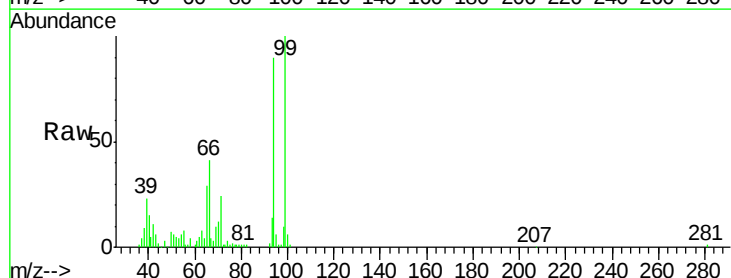
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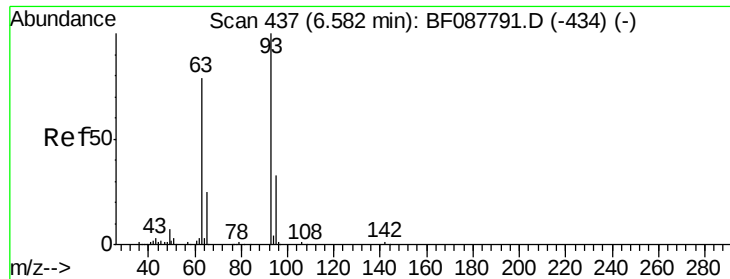
Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	94	Resp:	157737
Ion	Ratio	Lower	Upper
94	100		
65	31.8	5.9	45.9
66	46.2	14.0	54.0





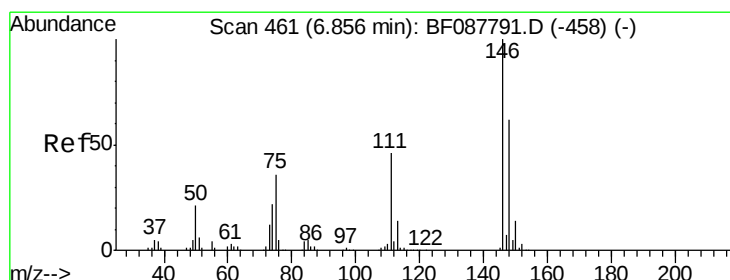
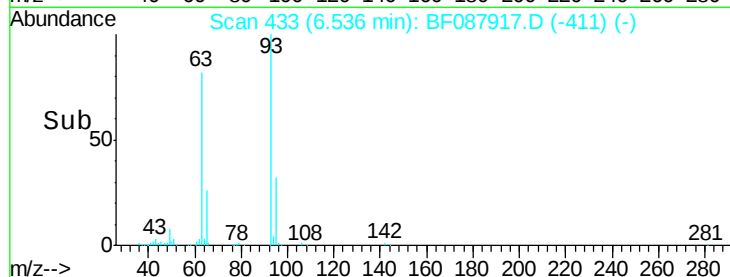
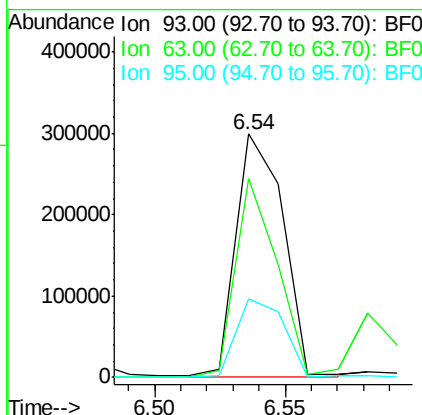
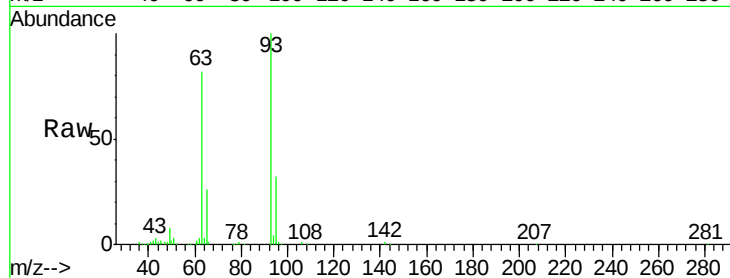
#11
bis(2-Chloroethyl)ether
Concen: 39.69 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.05 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.6	67.6	107.6
95	32.3	12.5	52.5

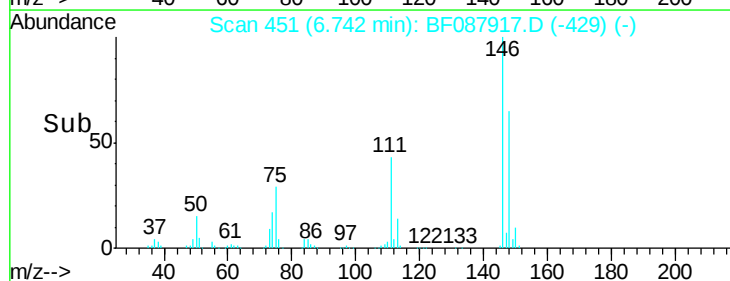
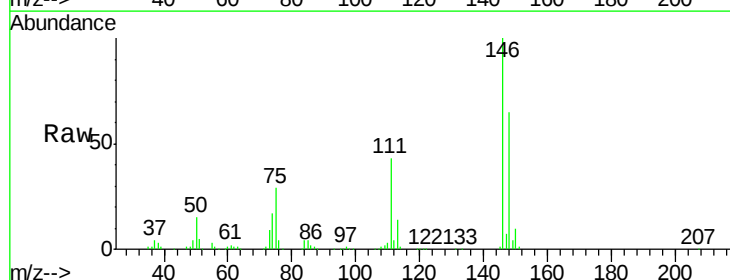
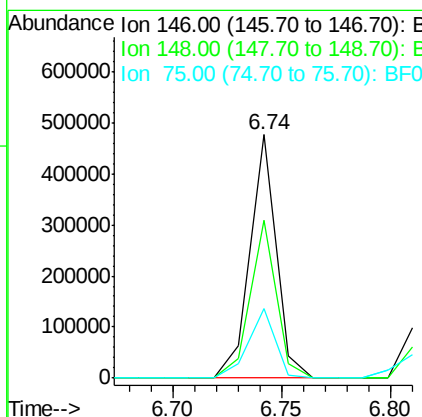
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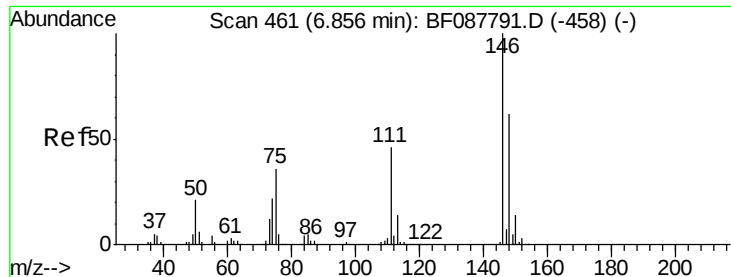
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#12
1,3-Dichlorobenzene
Concen: 34.98 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.05 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.9	76.3
75	28.6	25.6	38.4





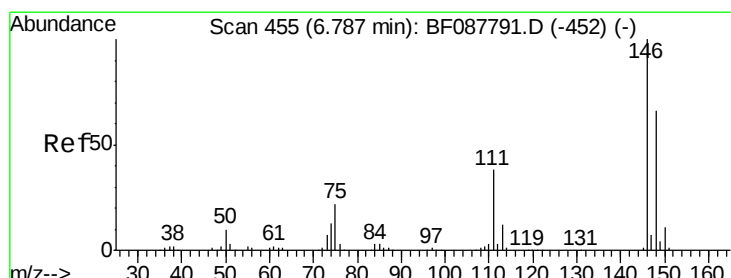
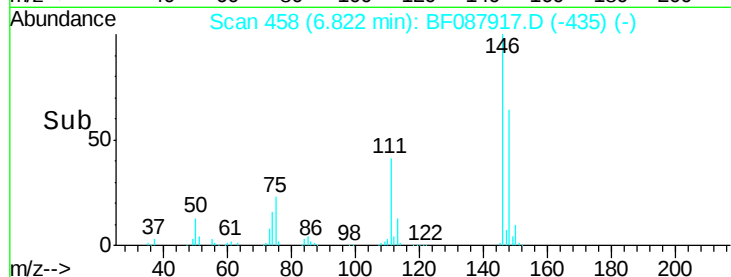
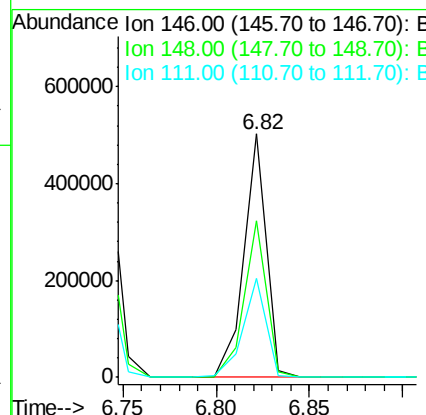
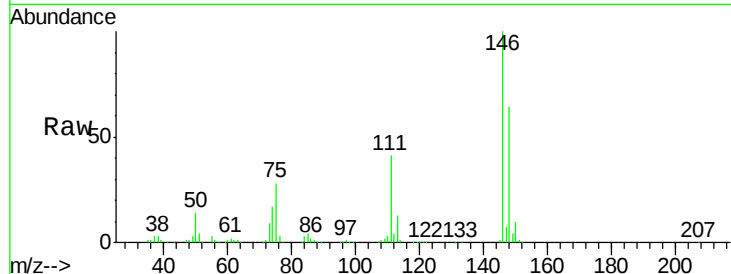
#13
 1,4-Dichlorobenzene
 Concen: 36.82 ng
 RT: 6.82 min Scan# 458
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	52.0	78.0
111	40.8	33.8	50.8

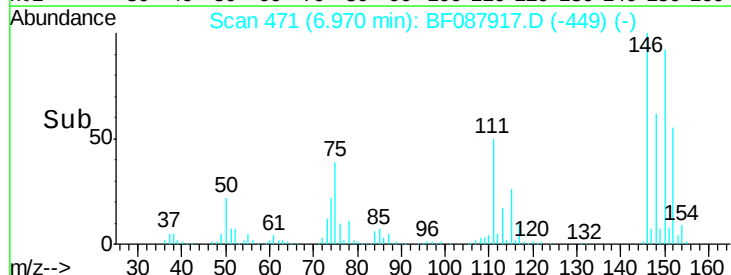
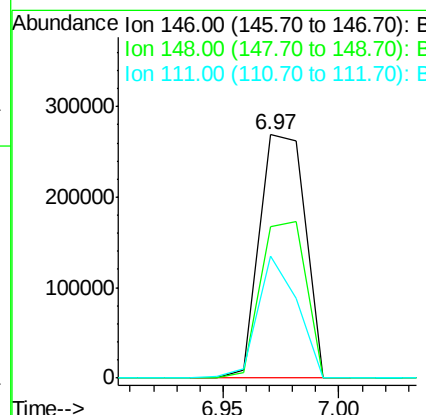
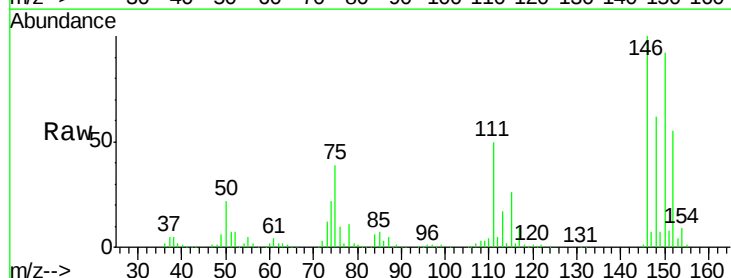
Manual Integrations
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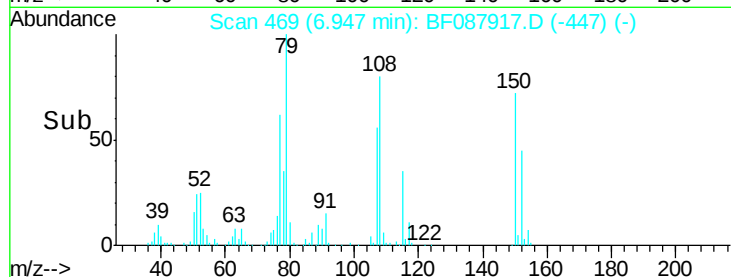
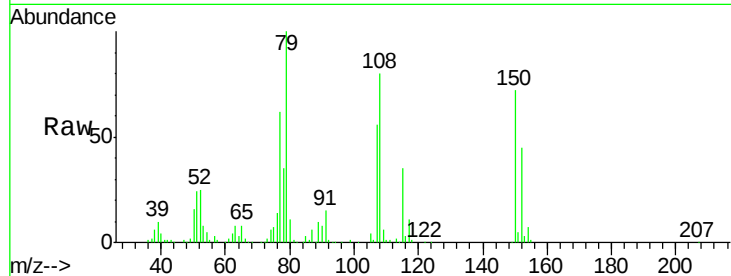
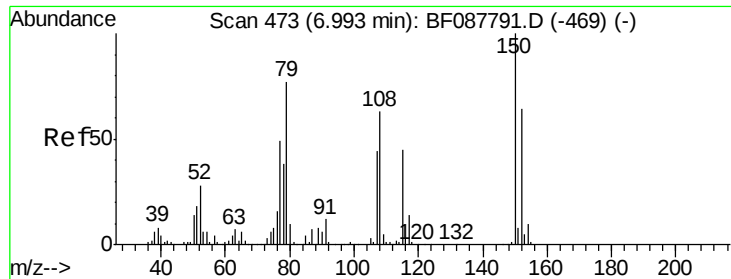
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#14
 1,2-Dichlorobenzene
 Concen: 35.45 ng m
 RT: 6.97 min Scan# 471
 Delta R.T. -0.05 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	52.3	78.5
111	50.2	28.7	43.1#





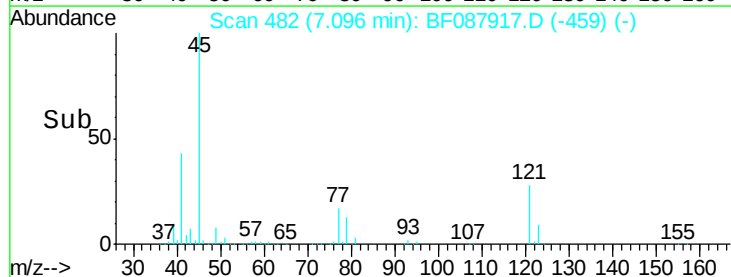
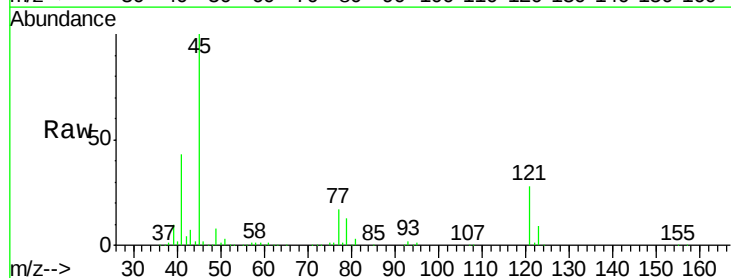
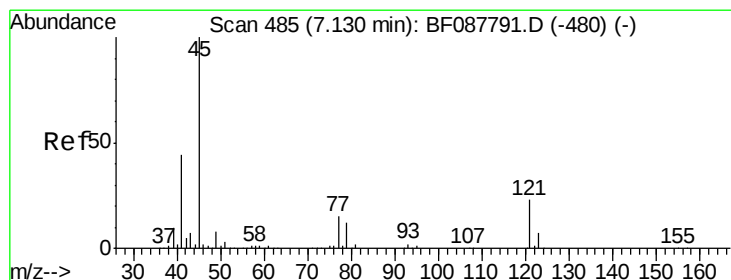
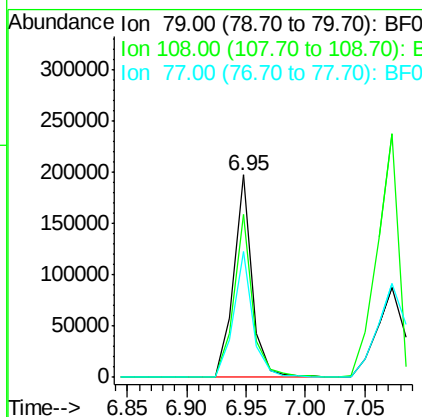
#15
Benzyl Alcohol
Concen: 25.25 ng
RT: 6.95 min Scan# 469
Delta R.T. -0.05 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tot Ion	Ratio	Resp	Lower	Upper
79	100	215182		
108	80.3	65.0	97.6	
77	62.3	50.3	75.5	

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

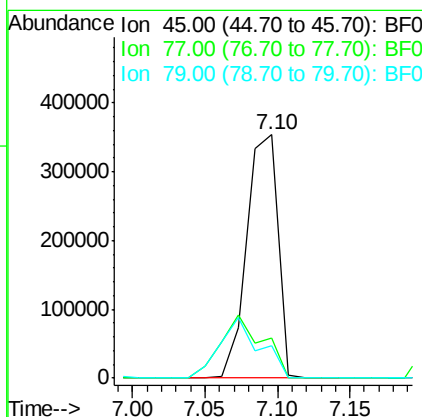
Manual Integrations
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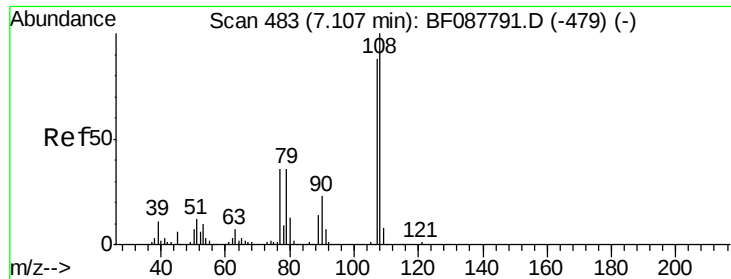
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.72 ng
RT: 7.10 min Scan# 482
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	525418		
77	16.7	0.0	32.5	
79	13.4	0.0	29.5	





#17

2-Methylphenol

Concen: 30.02 ng

RT: 7.07 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

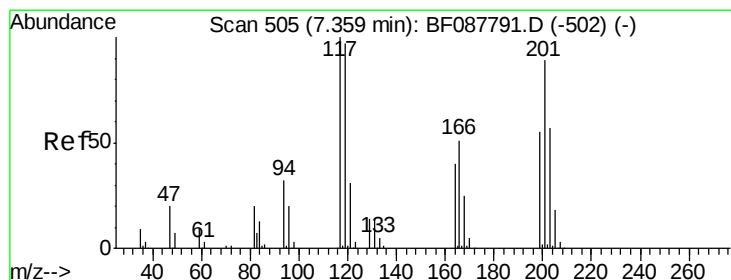
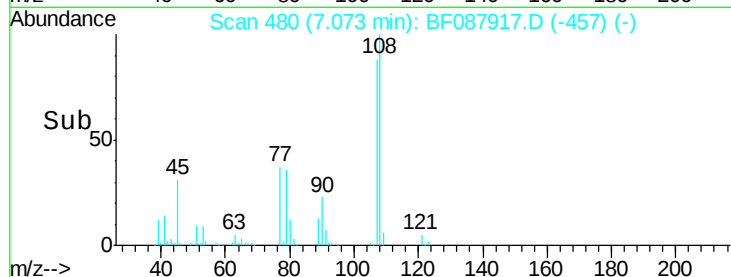
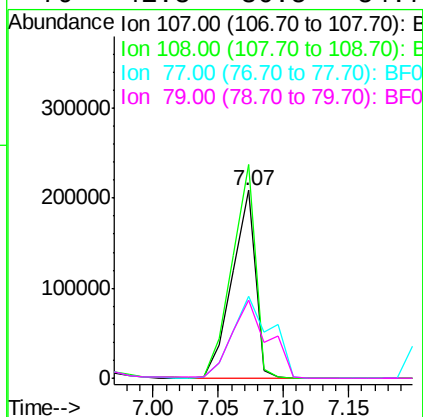
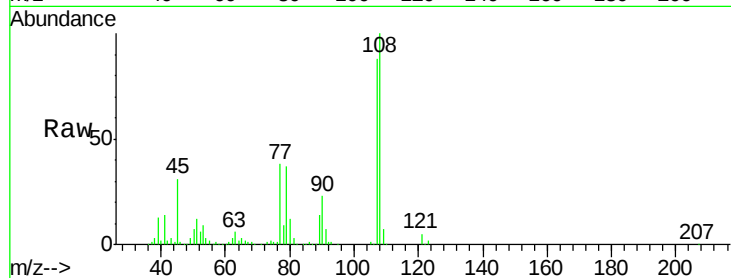
ClientSampleId :

SP16-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	90.9	136.3	
77	43.6	36.6	55.0	
79	41.8	36.5	54.7	

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#18

Hexachloroethane

Concen: 36.32 ng

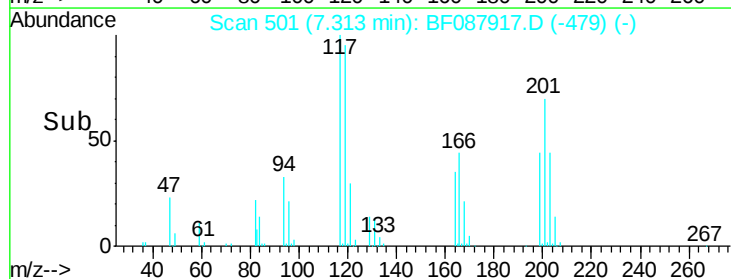
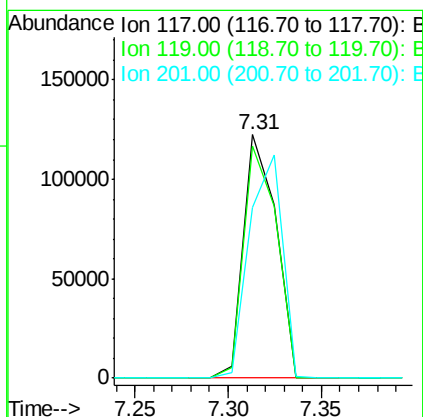
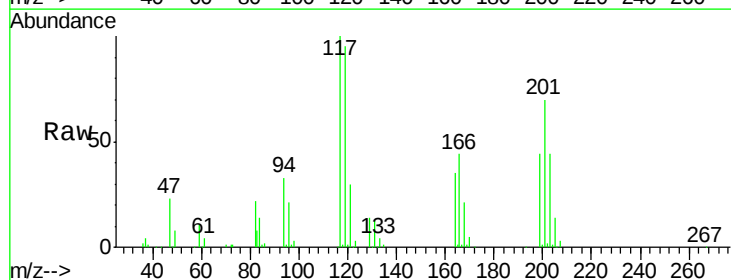
RT: 7.31 min Scan# 501

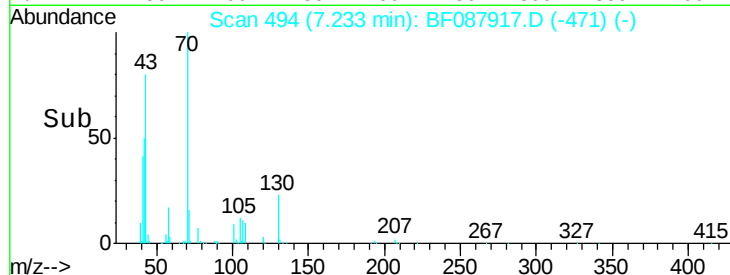
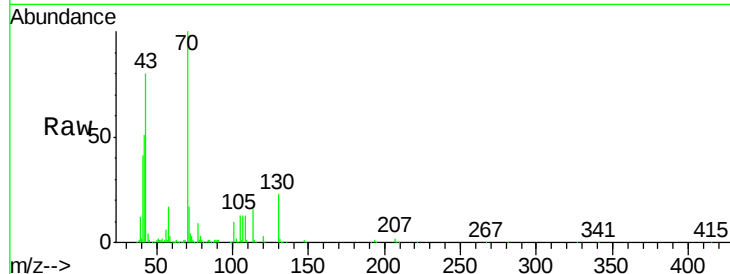
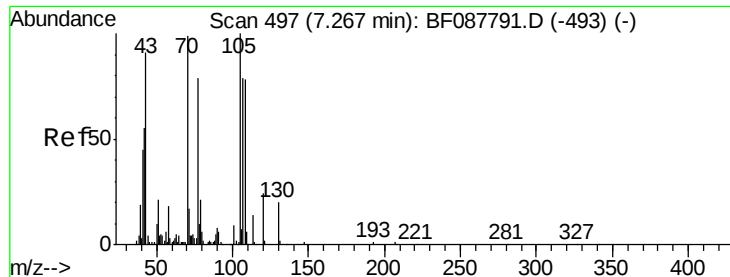
Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.1	77.4	116.2	
201	70.3	80.4	120.6	





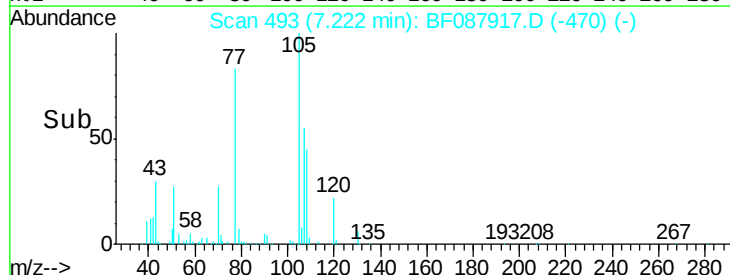
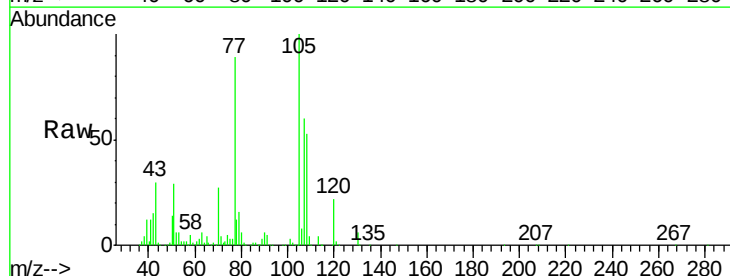
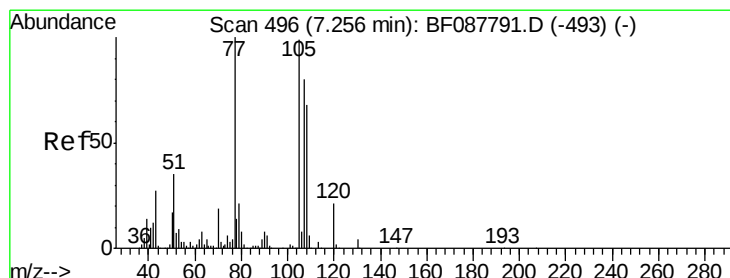
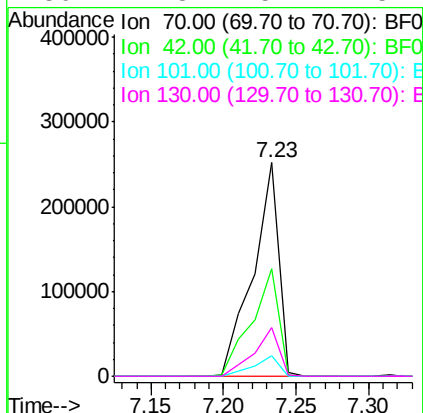
#19
n-Nitroso-di-n-propylamine
Concen: 44.54 ng
RT: 7.23 min Scan# 494
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

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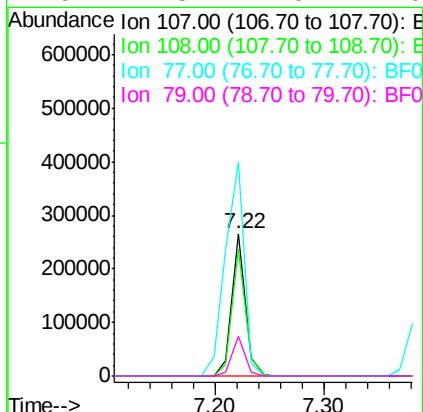
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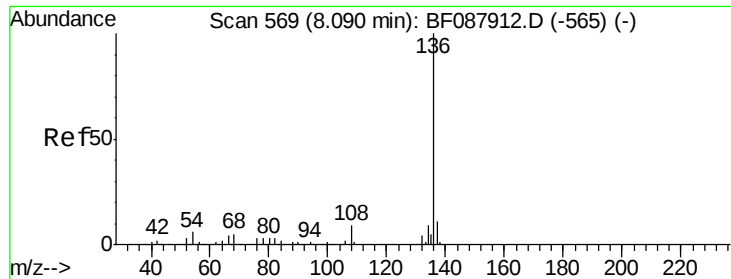
Tot Ion	Ratio	Lower	Upper
70	100		
42	50.6	49.6	74.4
101	9.6	7.1	10.7
130	22.8	15.4	23.2



#20
3+4-Methylphenols
Concen: 22.56 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.0	67.8	107.8
77	150.1	59.3	99.3#
79	27.5	7.0	47.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.03 min

Lab File: BF087917.D

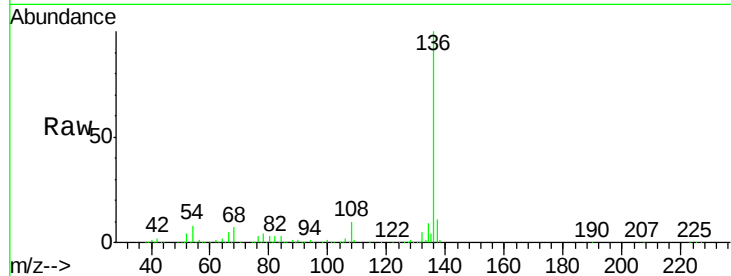
Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

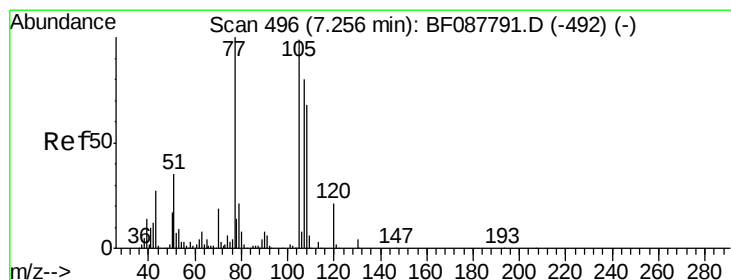
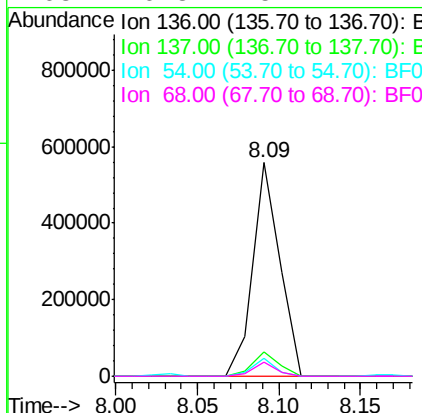
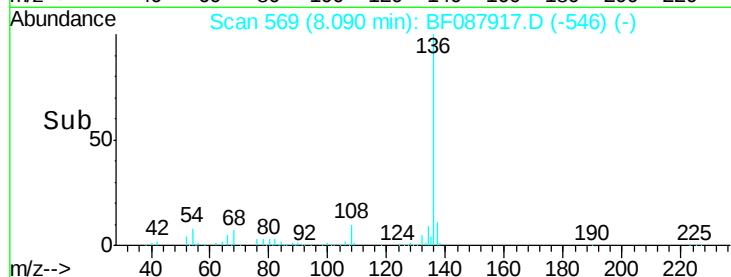
SP16-JMW0991MSD



Tot Ion	Ratio	Resp	Lower	Upper
136	100	641444		
137	11.4	9.1	13.7	
54	8.4	6.6	10.0	
68	6.8	5.1	7.7	

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#22

Acetophenone

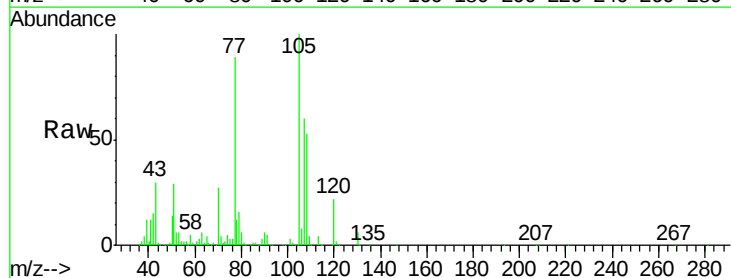
Concen: 39.42 ng

RT: 7.22 min Scan# 493

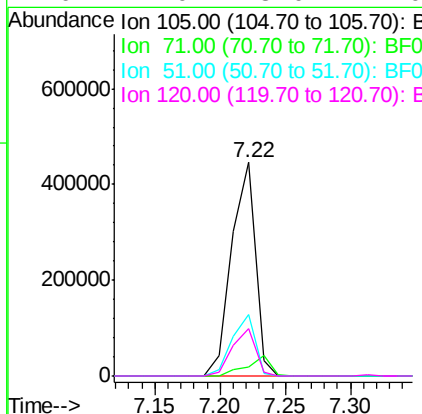
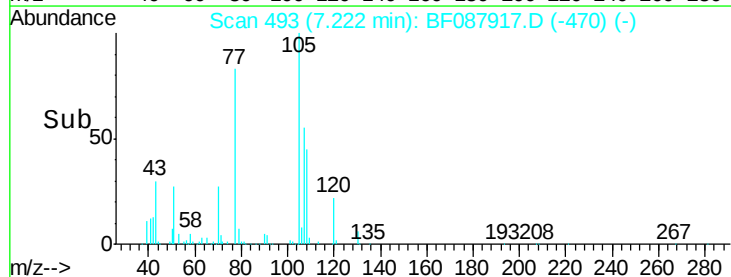
Delta R.T. -0.03 min

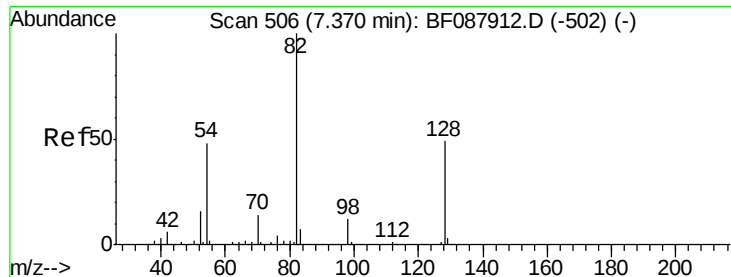
Lab File: BF087917.D

Acq: 11 Jun 2016 22:30



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	565054		
71	4.5	5.3	7.9#	
51	28.9	18.2	27.4#	
120	22.0	18.0	27.0	





#23

Nitrobenzene-d5

Concen: 81.03 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

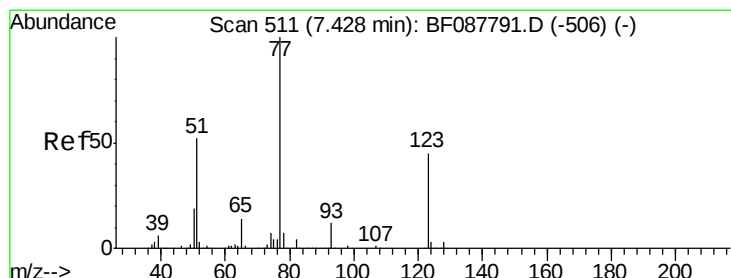
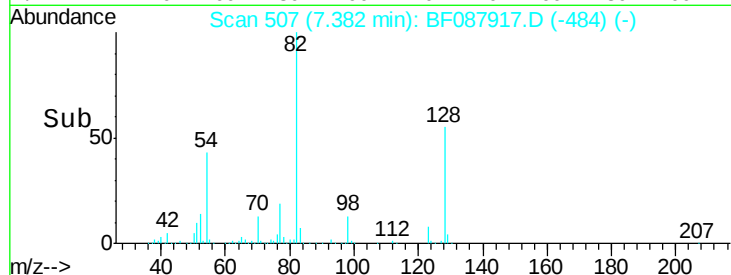
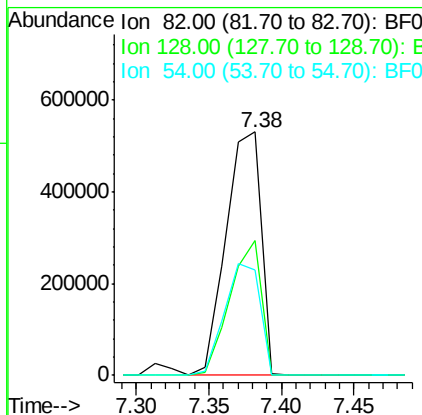
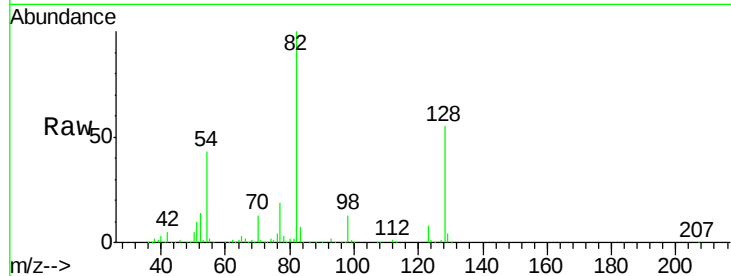
ClientSampleId :

SP16-JMW0991MSD

Tot Ion:	82	Resp:	890065
Ion Ratio	Lower	Upper	
82	100		
128	55.3	35.9	53.9#
54	43.1	40.9	61.3

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#24

Nitrobenzene

Concen: 40.56 ng

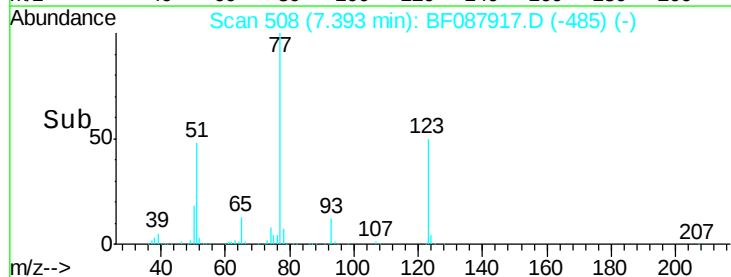
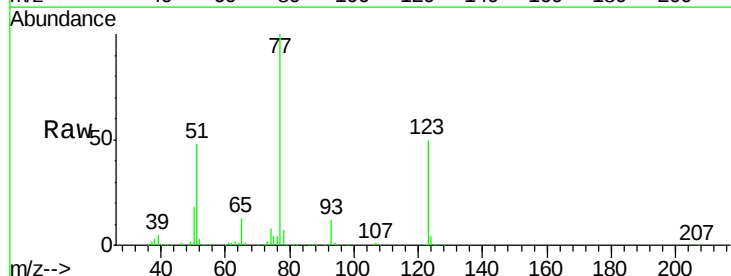
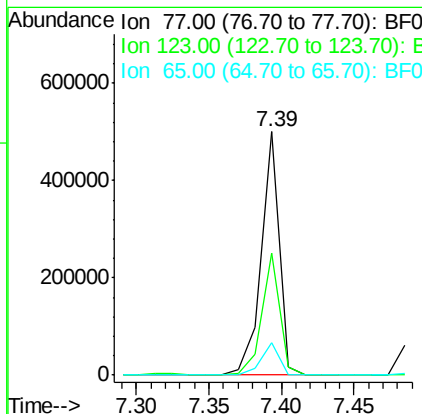
RT: 7.39 min Scan# 508

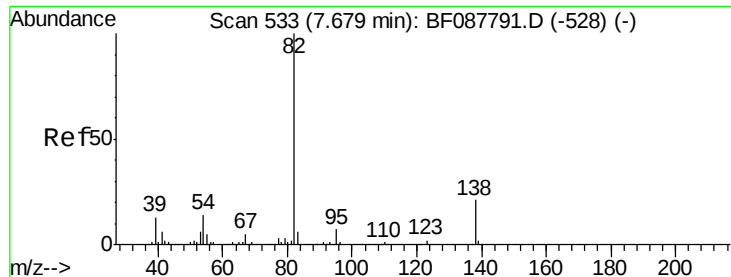
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	77	Resp:	431544
Ion Ratio	Lower	Upper	
77	100		
123	50.0	45.0	67.4
65	13.5	10.2	15.2





#25

Isophorone

Concen: 41.81 ng

RT: 7.63 min Scan# 529

Delta R.T. -0.05 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

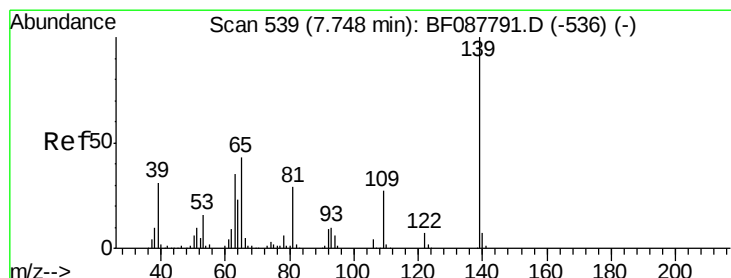
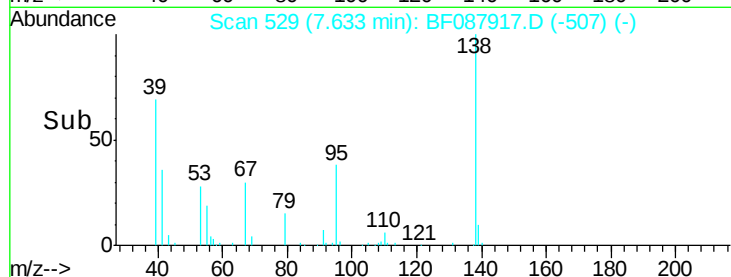
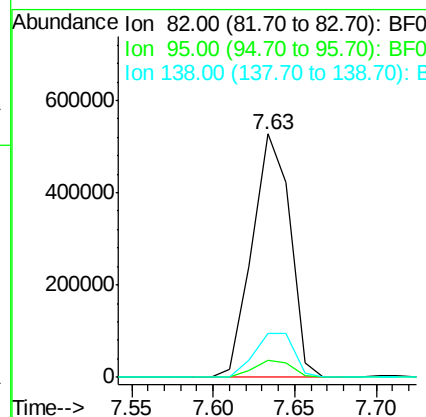
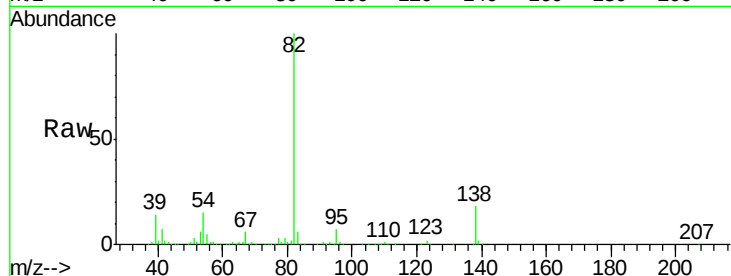
ClientSampleId :

SP16-JMW0991MSD

Tot Ion:	82	Resp:	850682
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	18.2	14.6	21.8

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#26

2-Nitrophenol

Concen: 46.05 ng

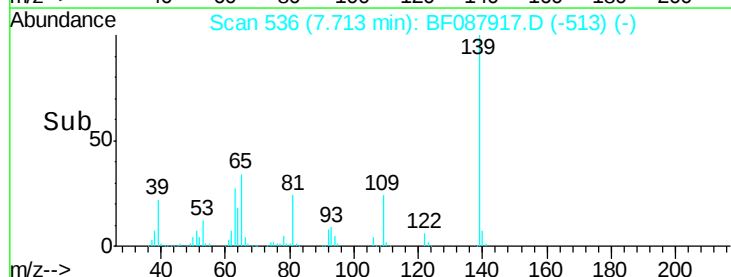
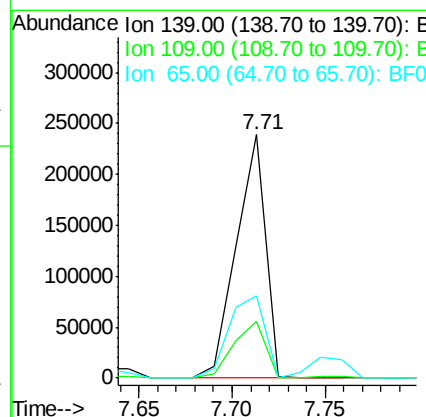
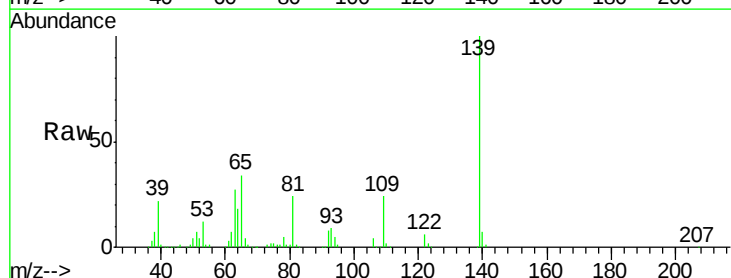
RT: 7.71 min Scan# 536

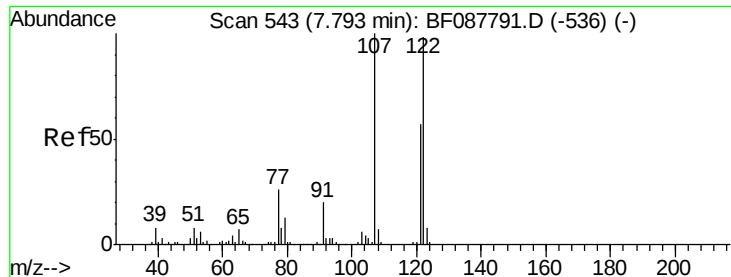
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	139	Resp:	262481
Ion Ratio	Lower	Upper	
139	100		
109	23.5	23.0	34.4
65	34.0	45.8	68.8#





#27

2,4-Dimethylphenol

Concen: 36.18 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

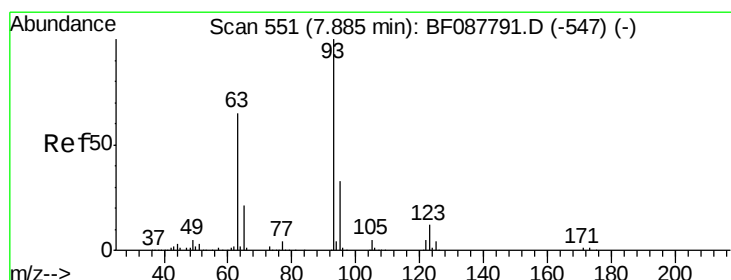
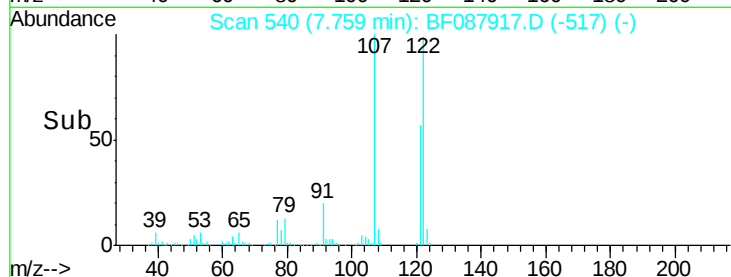
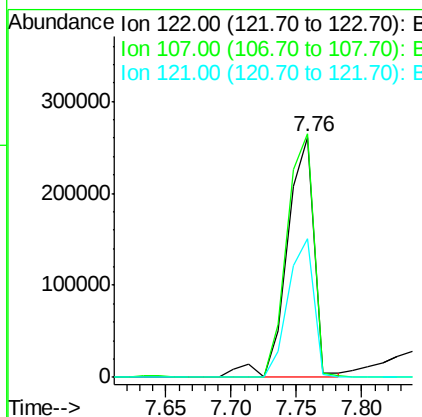
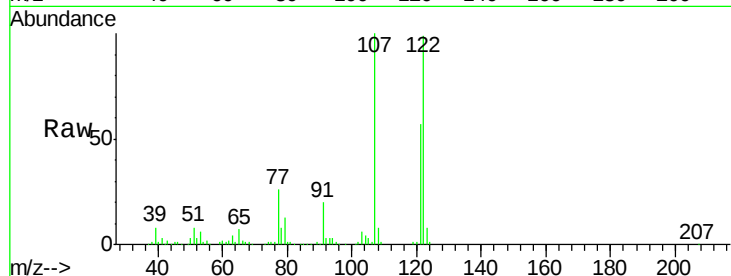
ClientSampleId :

SP16-JMW0991MSD

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Tot Ion	Ratio	Lower	Upper
122	100		
107	101.3	82.4	123.6
121	57.6	46.3	69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.97 ng

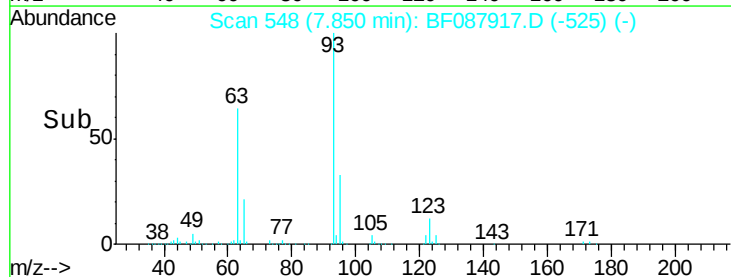
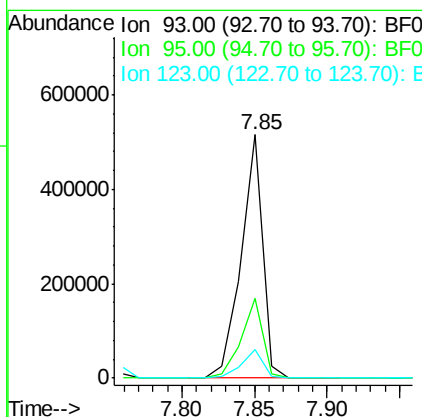
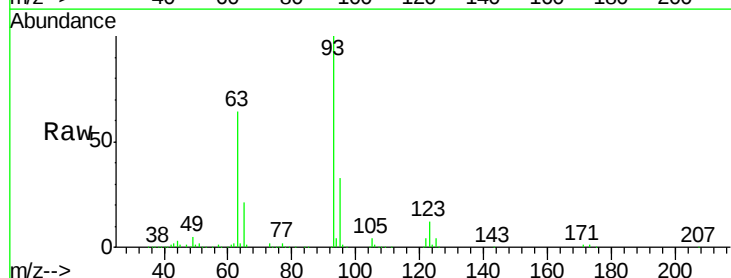
RT: 7.85 min Scan# 548

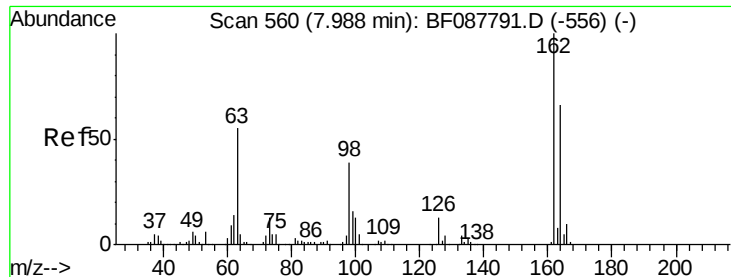
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.5	39.7
123	11.7	11.6	17.4





#29

2,4-Dichlorophenol

Concen: 40.35 ng

RT: 7.95 min Scan# 557

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

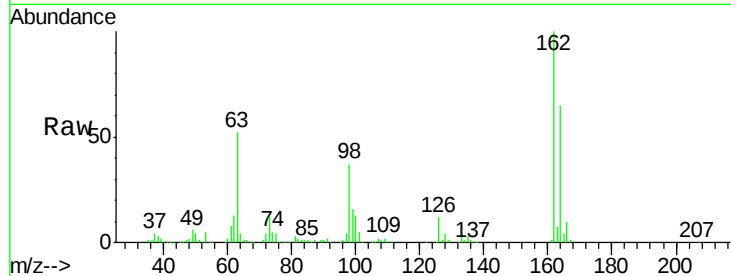
ClientSampleId :

SP16-JMW0991MSD

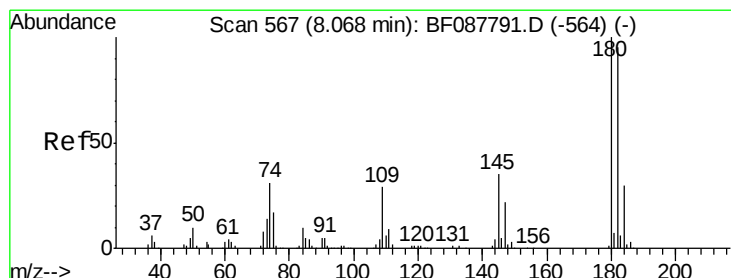
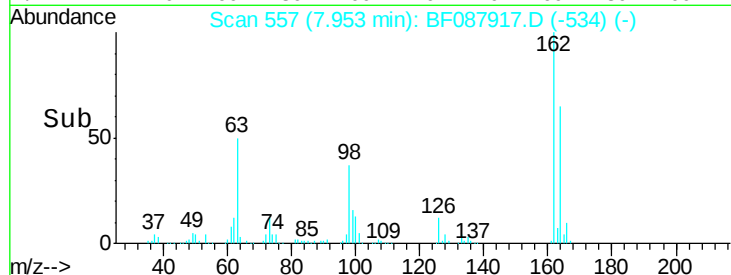
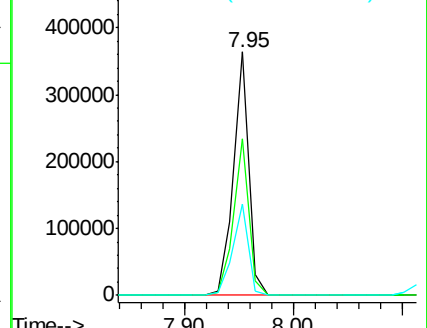
Tot Ion:	162	Resp:	353534
Ion Ratio	Lower	Upper	
162	100		
164	64.5	43.8	83.8
98	37.5	21.3	61.3

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



#30

1,2,4-Trichlorobenzene

Concen: 36.71 ng

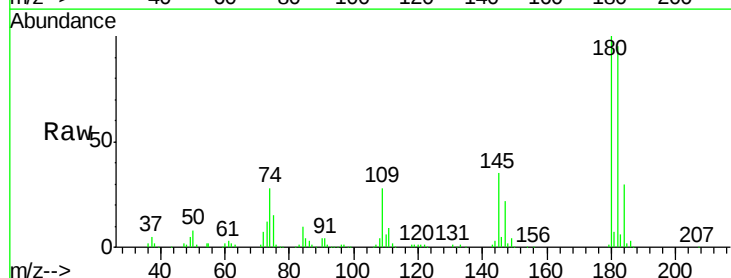
RT: 8.03 min Scan# 564

Delta R.T. -0.03 min

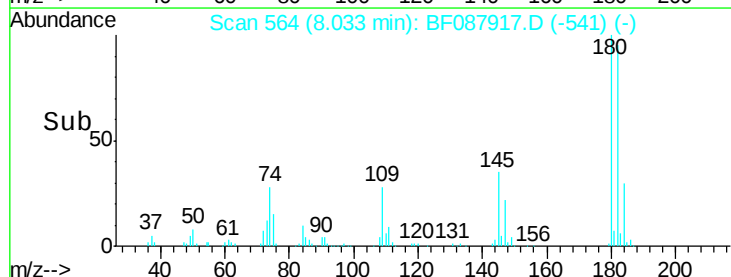
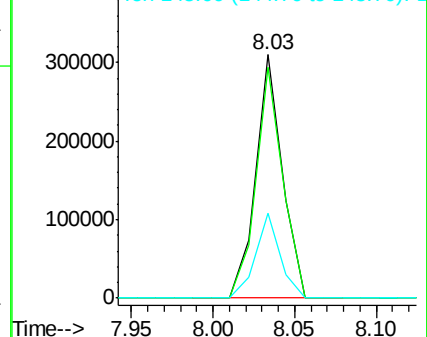
Lab File: BF087917.D

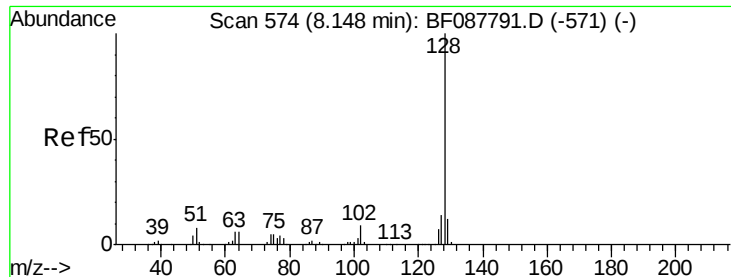
Acq: 11 Jun 2016 22:30

Tgt Ion:	180	Resp:	350222
Ion Ratio	Lower	Upper	
180	100		
182	95.0	76.0	114.0
145	34.6	26.5	39.7



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





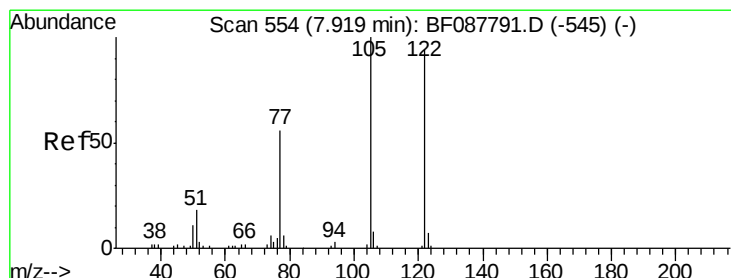
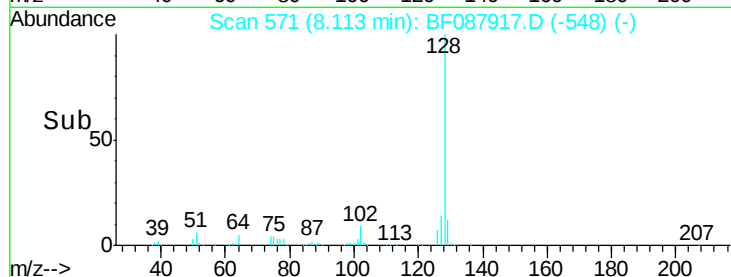
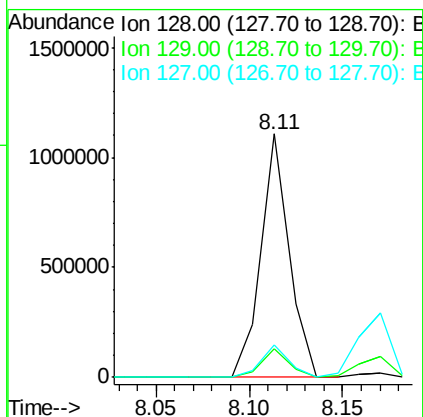
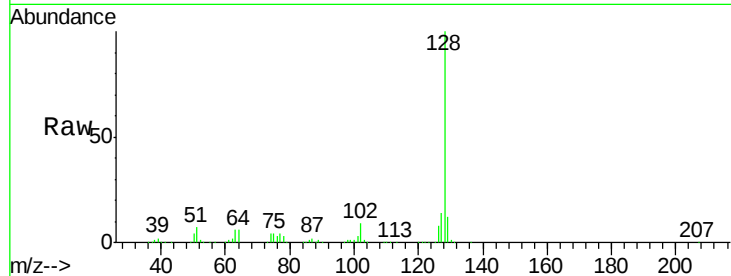
#31
Naphthalene
Concen: 36.50 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.2
127	13.6	10.9	16.3

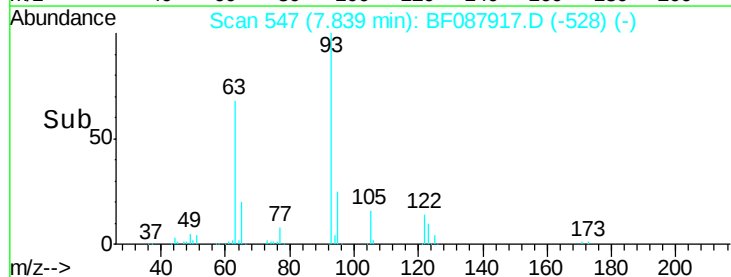
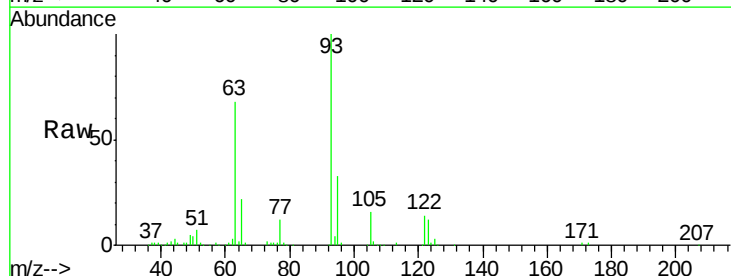
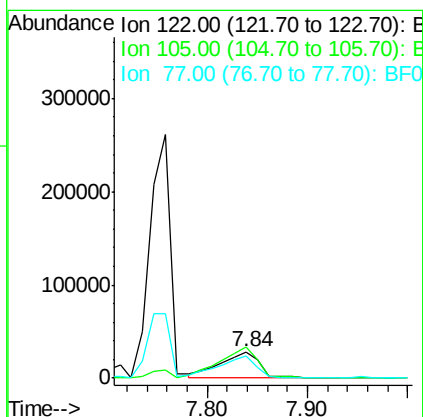
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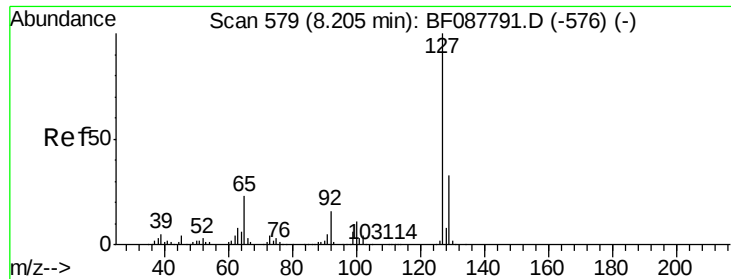
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#32
Benzoic acid
Concen: 13.07 ng
RT: 7.84 min Scan# 547
Delta R.T. -0.08 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.5	101.6	141.6
77	85.2	70.6	110.6





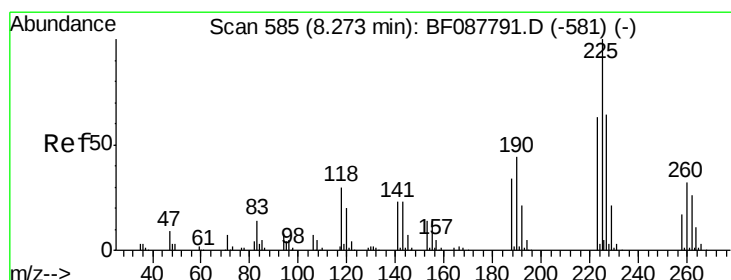
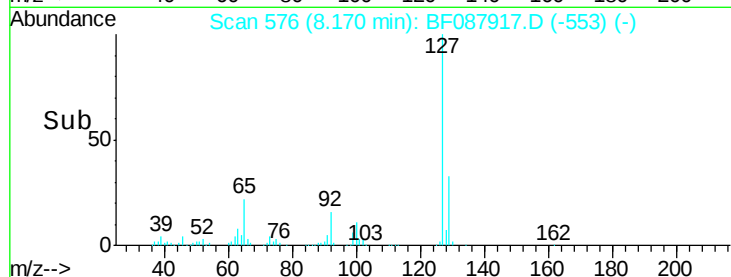
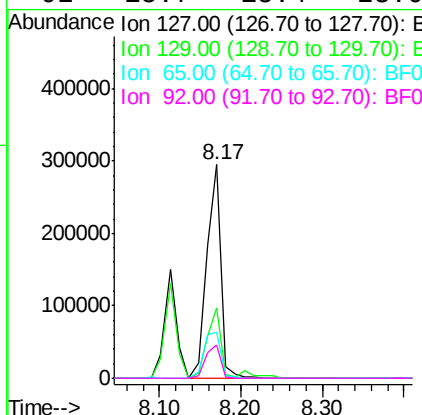
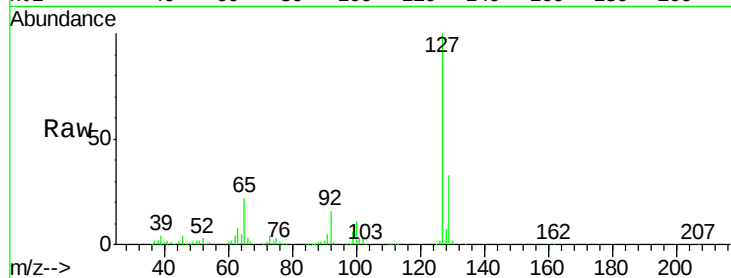
#33
4-Chloroaniline
Concen: 25.49 ng
RT: 8.17 min Scan# 576
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.3	39.5
65	21.7	24.7	37.1
92	15.7	15.4	23.0

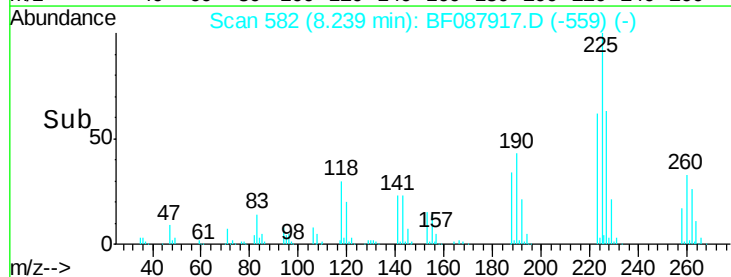
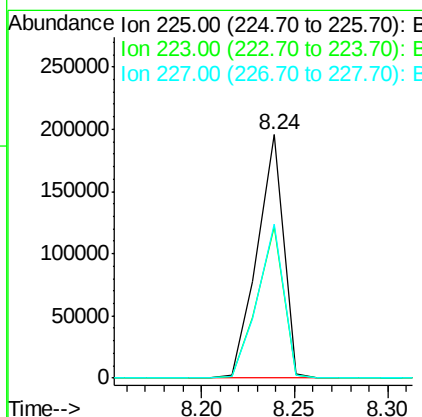
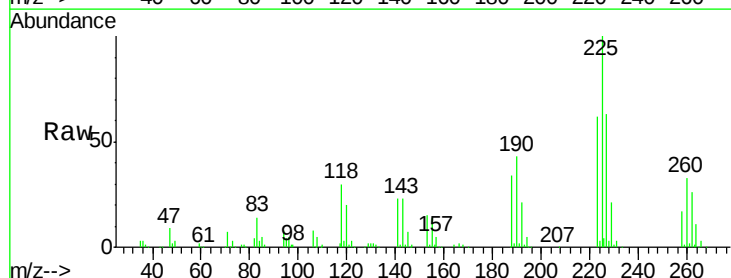
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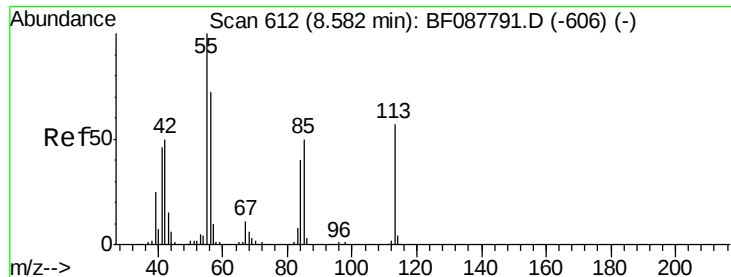
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#34
Hexachlorobutadiene
Concen: 38.07 ng
RT: 8.24 min Scan# 582
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.9	76.3
227	63.3	51.9	77.9





#35

Caprolactam

Concen: 6.60 ng

RT: 8.55 min Scan# 609

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

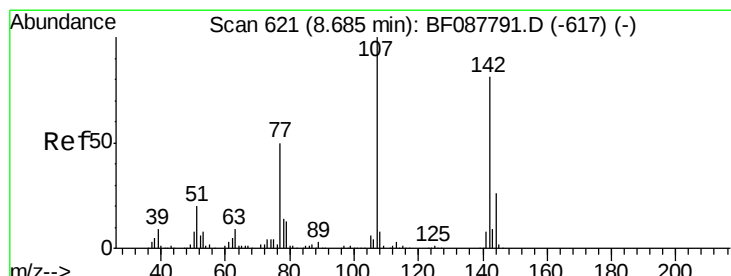
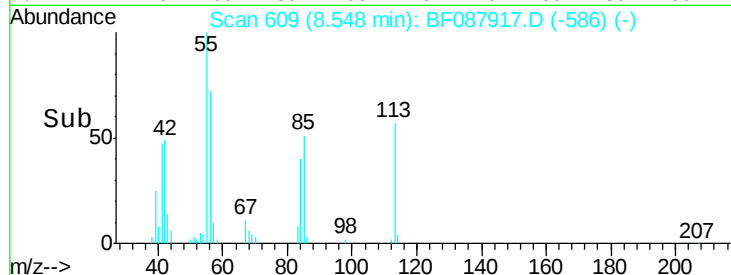
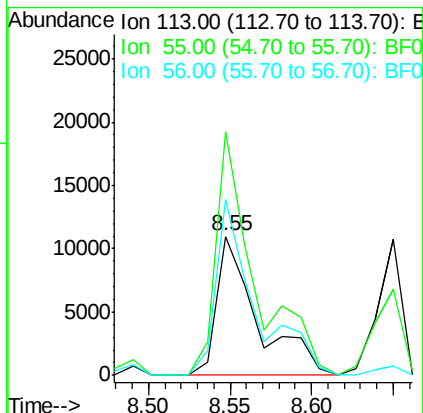
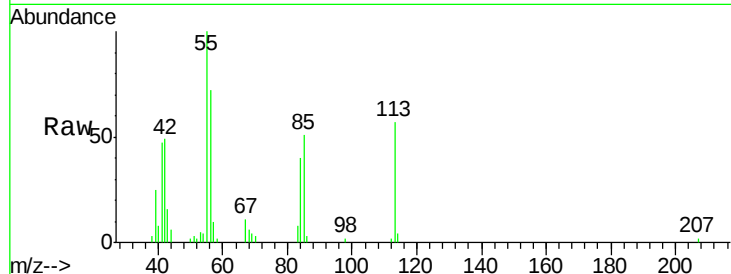
ClientSampleId :

SP16-JMW0991MSD

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Tot Ion:	113	Resp:	19158
Ion Ratio	Lower	Upper	
113	100		
55	175.5	158.6	198.6
56	126.4	110.6	150.6



#36

4-Chloro-3-methylphenol

Concen: 39.92 ng

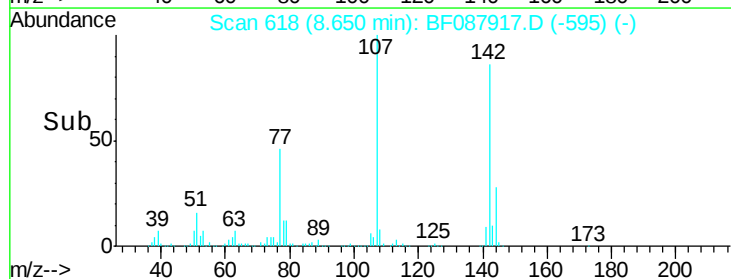
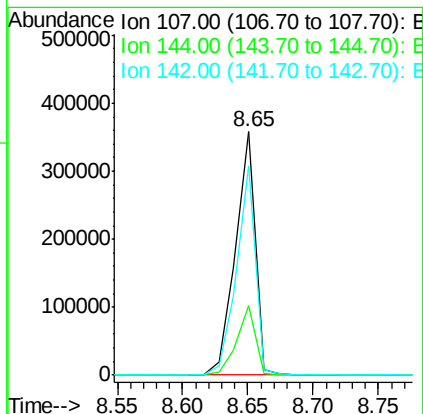
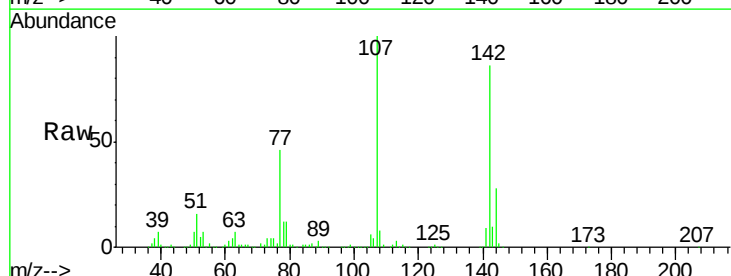
RT: 8.65 min Scan# 618

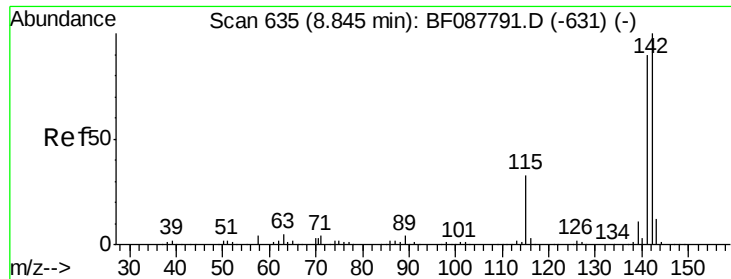
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	107	Resp:	374074
Ion Ratio	Lower	Upper	
107	100		
144	28.4	20.8	31.2
142	85.7	63.4	95.2





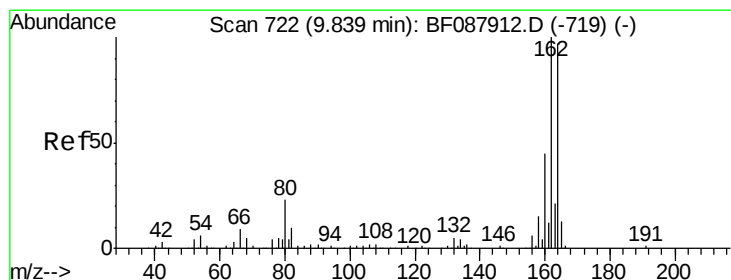
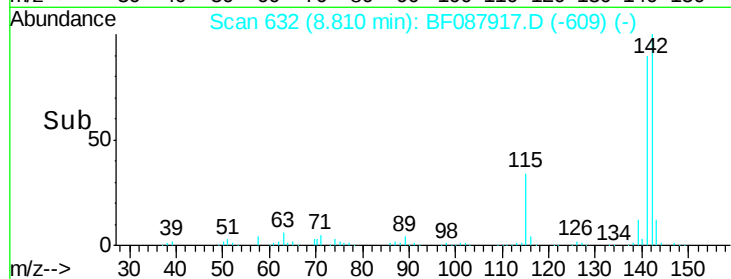
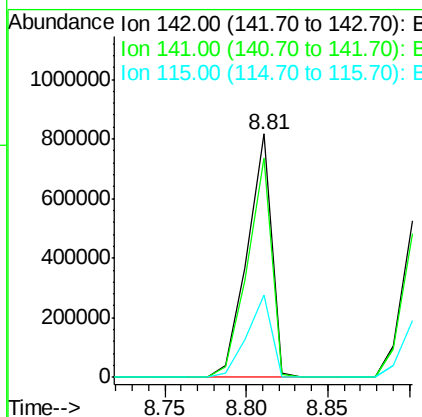
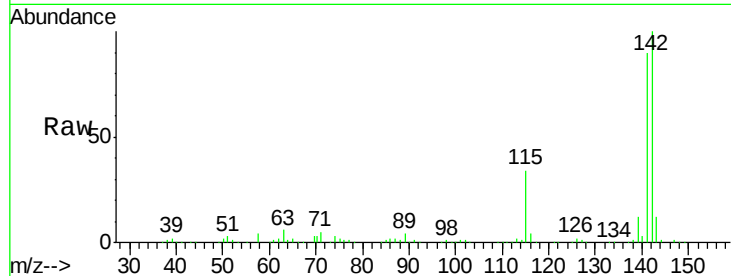
#37
2-Methylnaphthalene
Concen: 40.60 ng
RT: 8.81 min Scan# 632
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.0	106.6
115	33.8	22.6	33.8

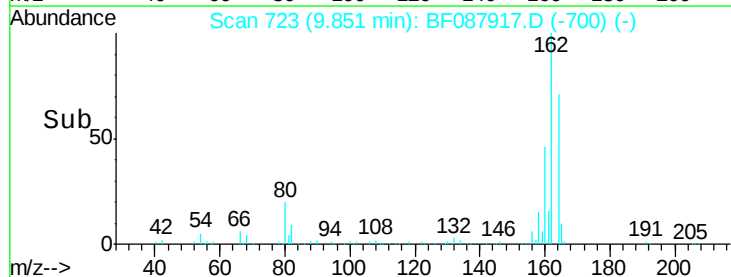
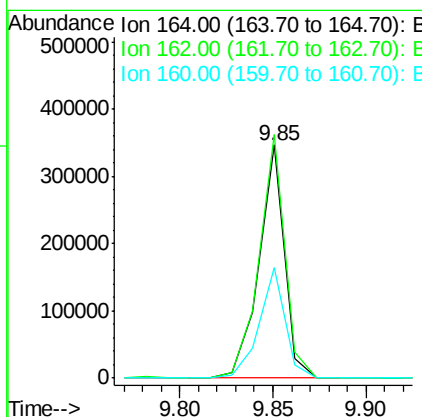
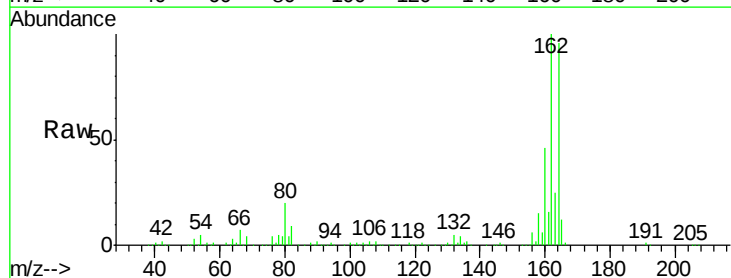
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.4	128.2
160	47.7	39.5	59.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.44 ng

RT: 8.98 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

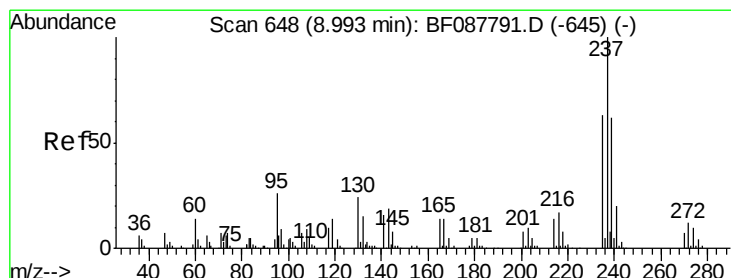
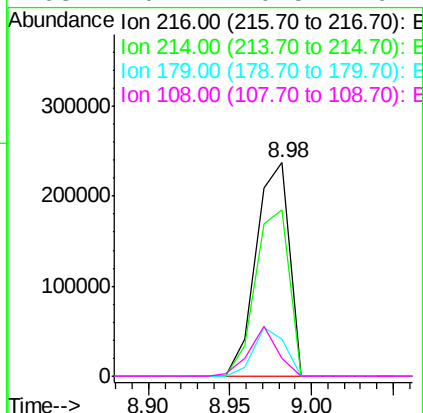
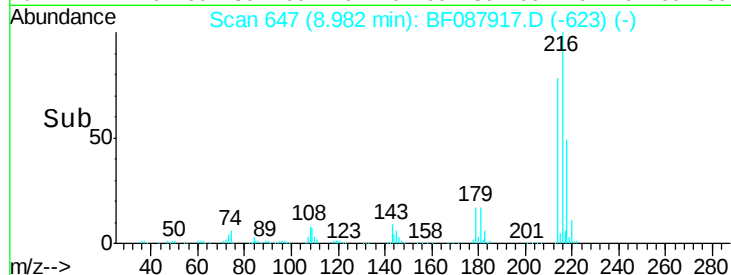
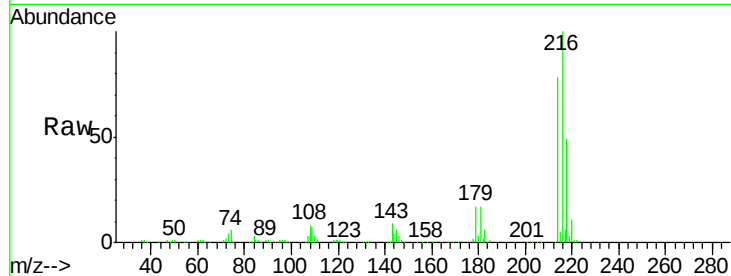
ClientSampleId :

SP16-JMW0991MSD

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100				
214	79.5	2.9	4.3#		
179	21.4	0.0	0.0#		
108	20.2	0.5	0.7#		



#40

Hexachlorocyclopentadiene

Concen: 60.32 ng

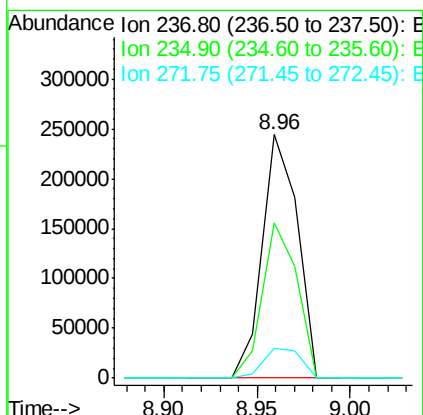
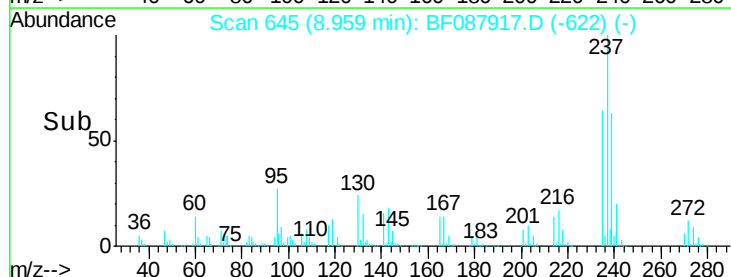
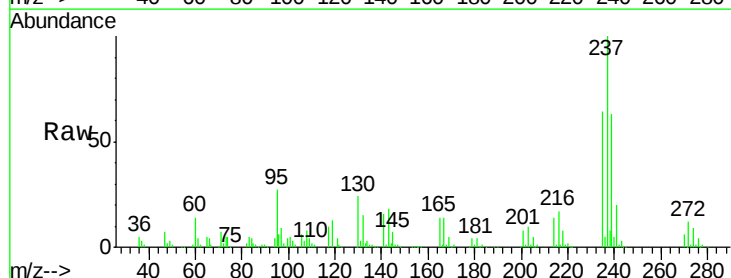
RT: 8.96 min Scan# 645

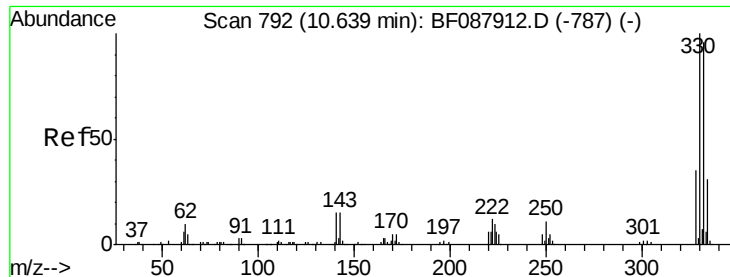
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.9	43.4	83.4		
272	12.0	0.0	32.3		





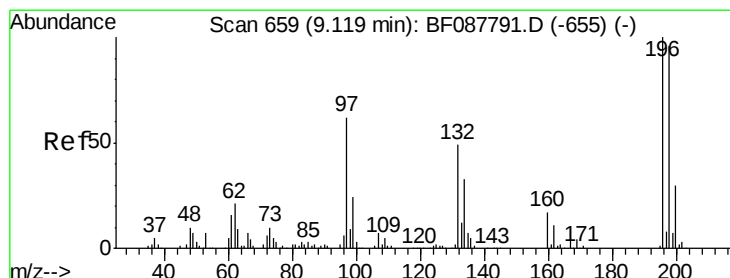
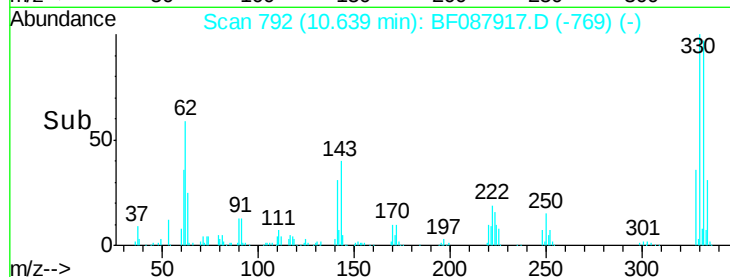
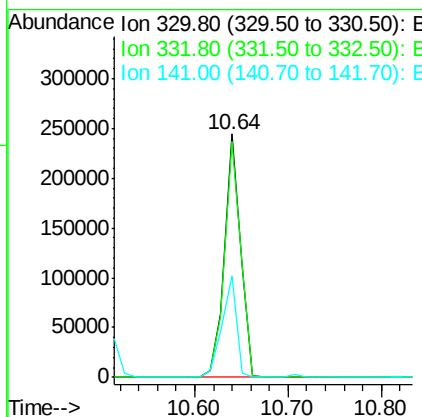
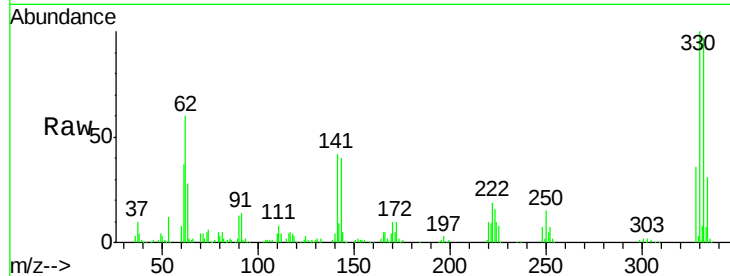
#41
 2,4,6-Tribromophenol
 Concen: 84.69 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.6	0.0	0.0#
141	36.8	0.0	0.0#

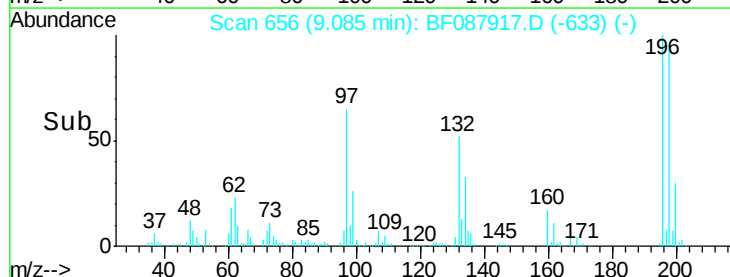
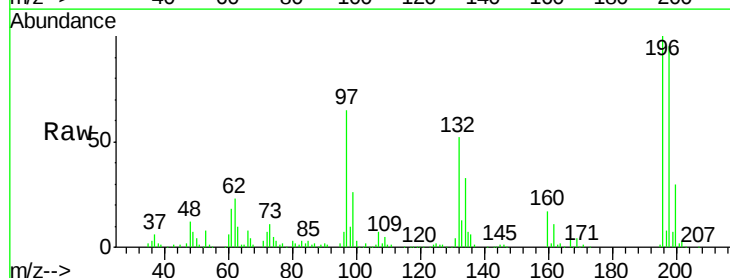
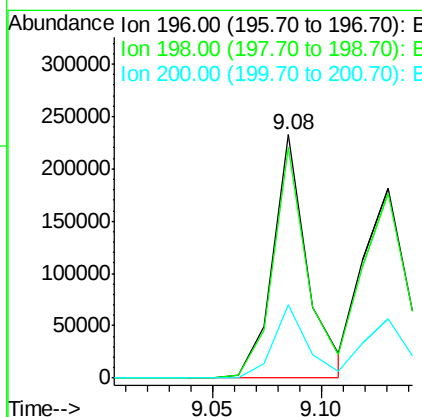
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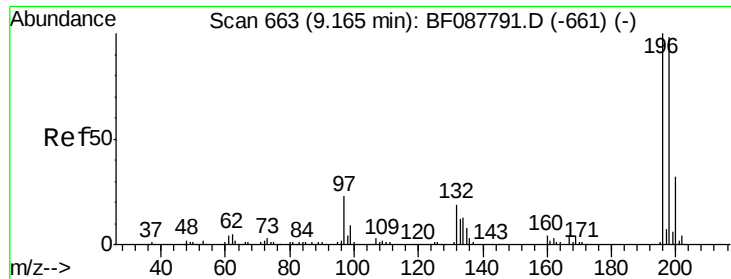
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#42
 2,4,6-Trichlorophenol
 Concen: 38.85 ng
 RT: 9.08 min Scan# 656
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.6	78.0	117.0
200	30.0	25.4	38.2





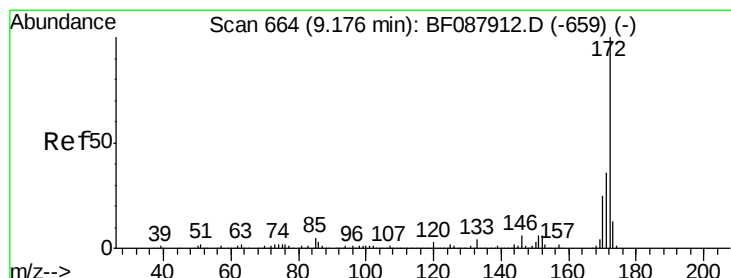
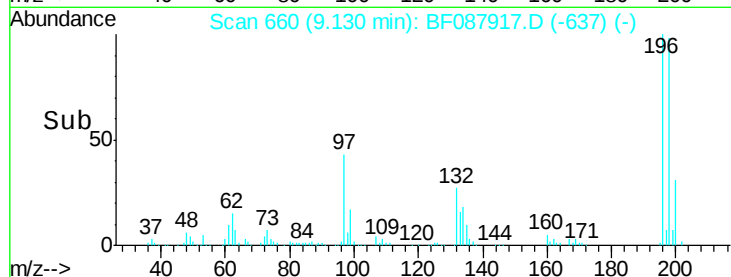
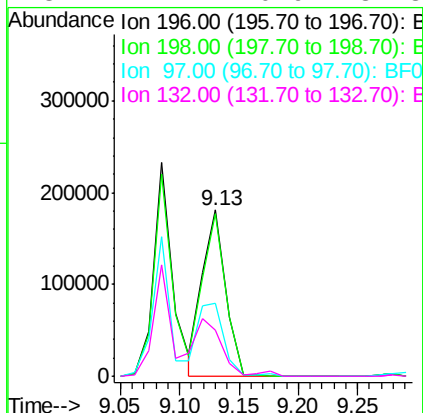
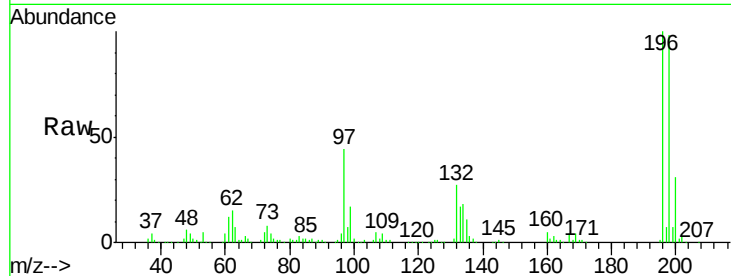
#43
 2,4,5-Trichlorophenol
 Concen: 36.12 ng
 RT: 9.13 min Scan# 660
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		249188		
198	97.5	77.5	116.3		
97	43.6	32.0	48.0		
132	27.4	20.9	31.3		

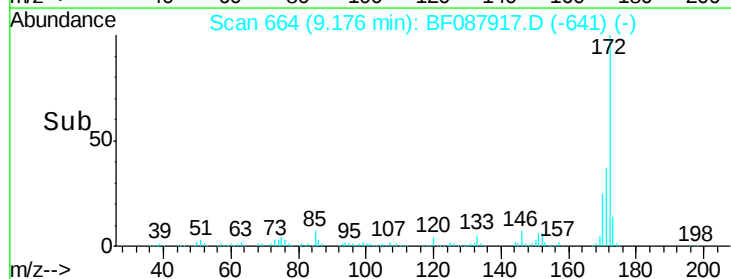
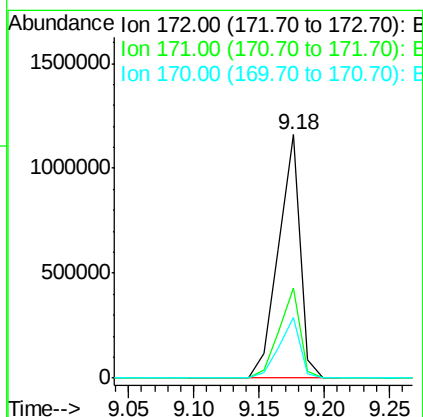
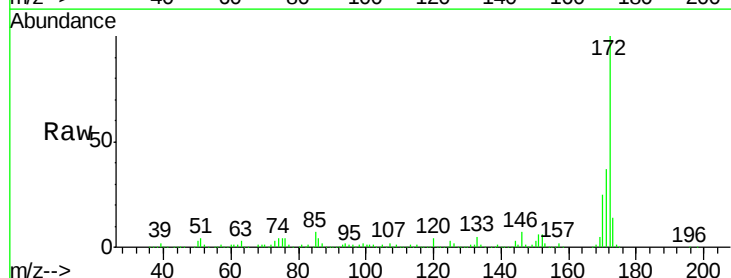
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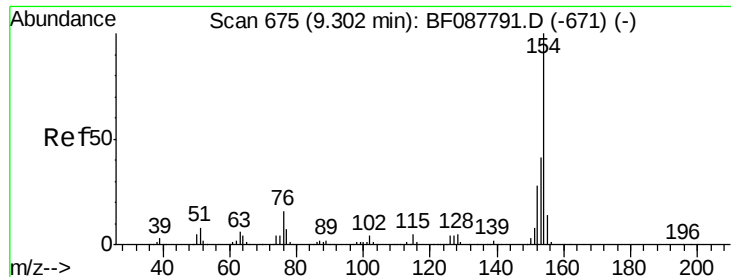
umangi
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#44
 2-Fluorobiphenyl
 Concen: 62.85 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1357028		
171	37.2	28.6	43.0		
170	24.9	19.2	28.8		





#45

1,1'-Biphenyl

Concen: 42.04 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tot Ion:154 Resp: 1056508

Ion Ratio Lower Upper

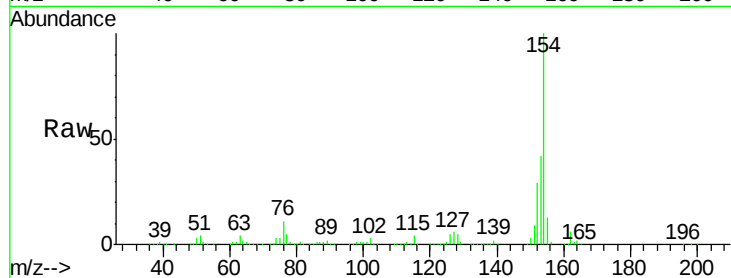
154 100

153 41.6 20.6 60.6

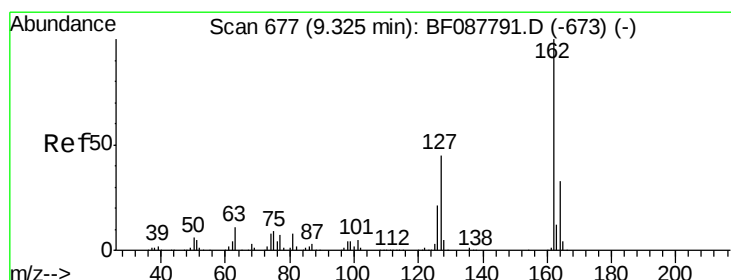
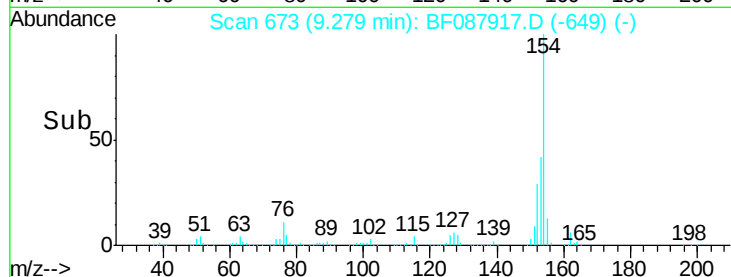
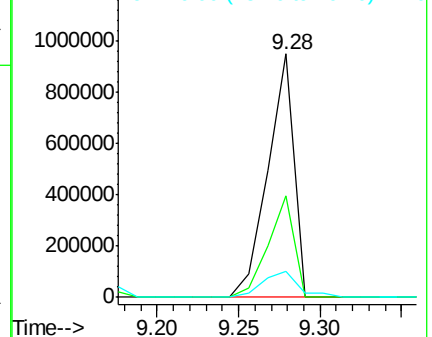
76 10.5 0.0 35.1

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



#46

2-Chloronaphthalene

Concen: 39.28 ng

RT: 9.30 min Scan# 675

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

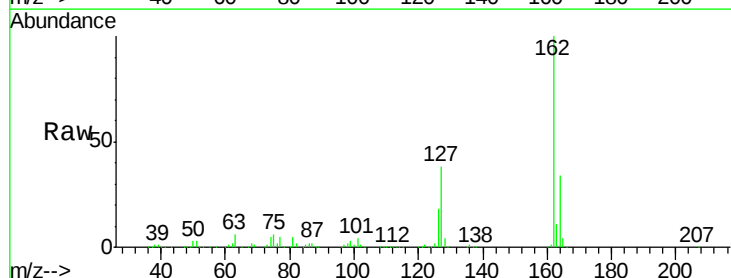
Tgt Ion:162 Resp: 842808

Ion Ratio Lower Upper

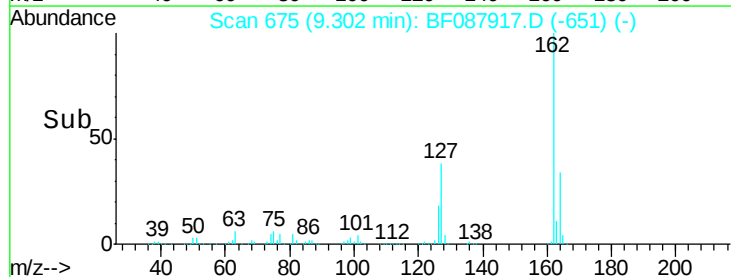
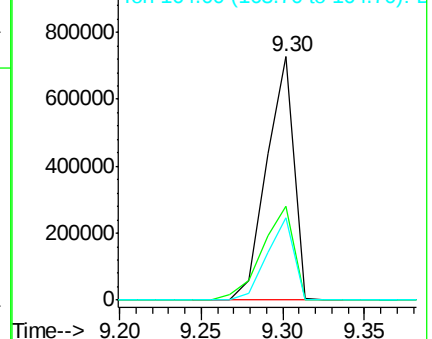
162 100

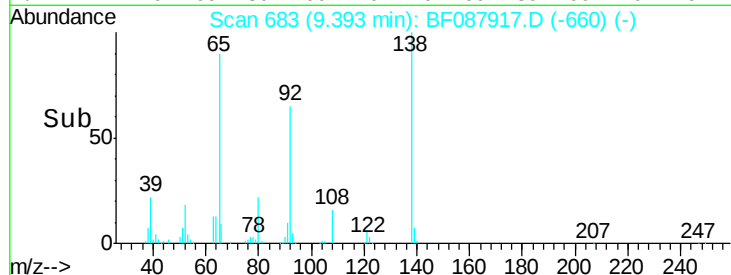
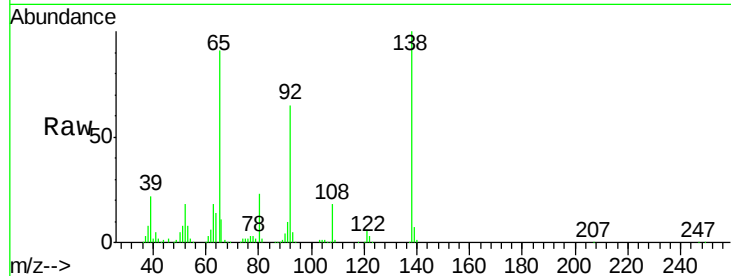
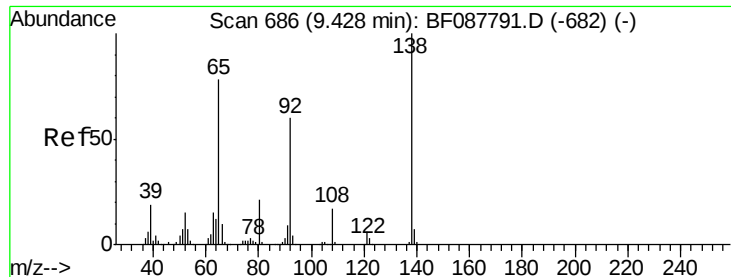
127 38.4 35.2 52.8

164 34.0 26.6 39.8



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





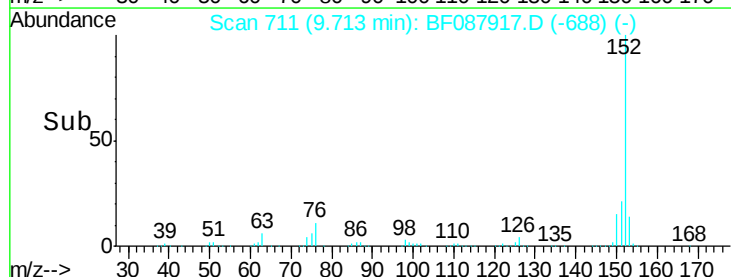
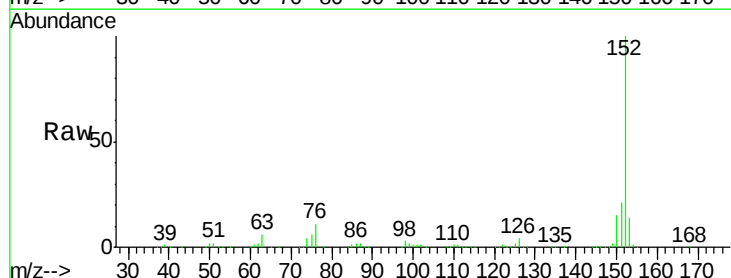
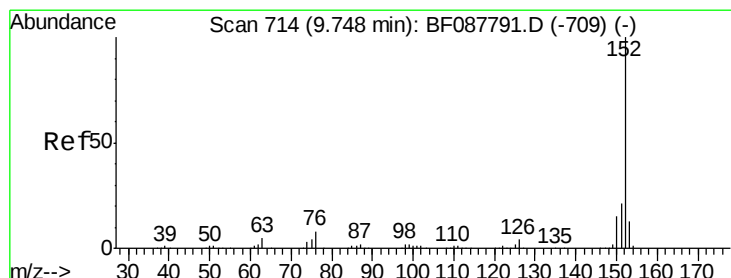
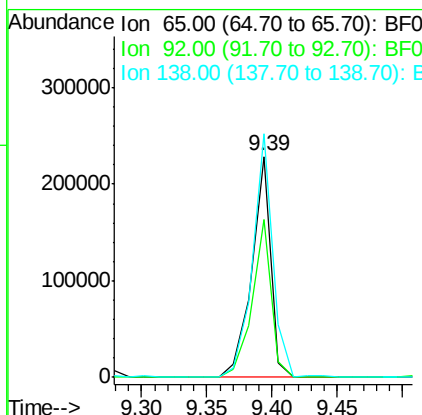
#47
2-Nitroaniline
Concen: 36.68 ng
RT: 9.39 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tot Ion	Ratio	Lower	Upper
65	100		
92	71.8	54.6	82.0
138	110.3	77.0	115.4

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

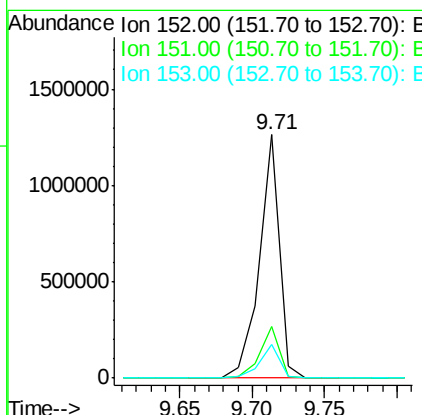
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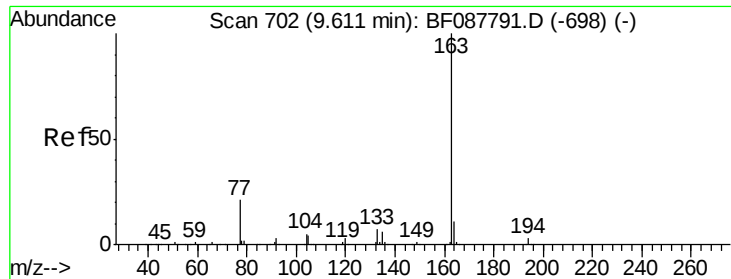
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#48
Acenaphthylene
Concen: 35.34 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	13.9	11.0	16.6





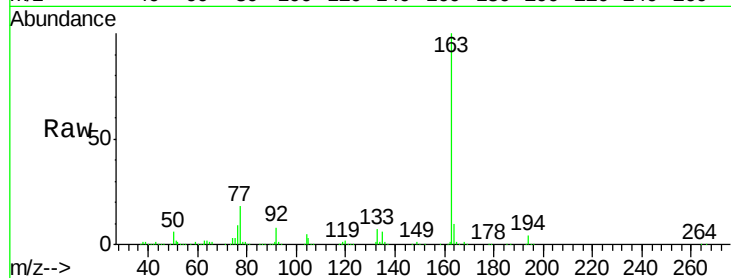
#49
Dimethylphthalate
Concen: 41.81 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.4	8.3	12.5

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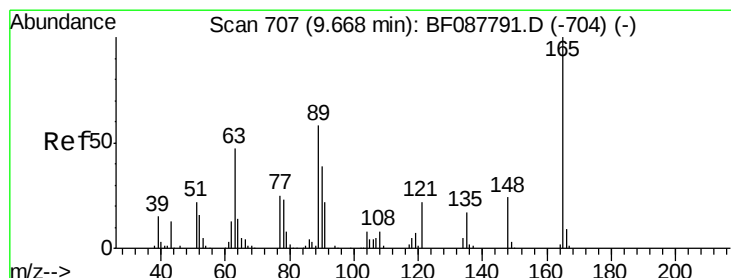
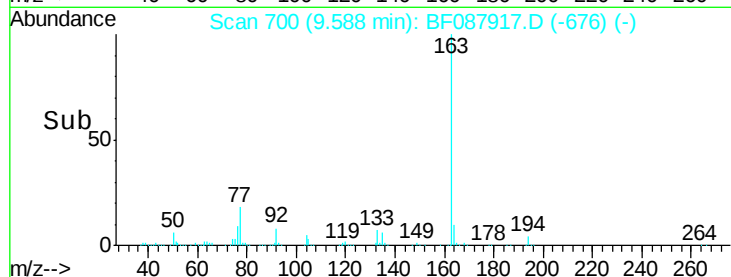
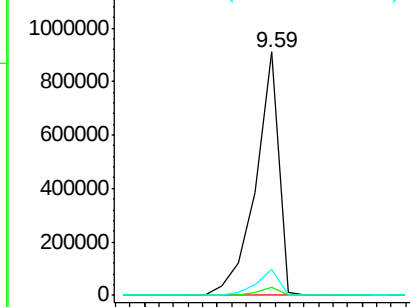


Abundance

Ion 163.00 (162.70 to 163.70): E

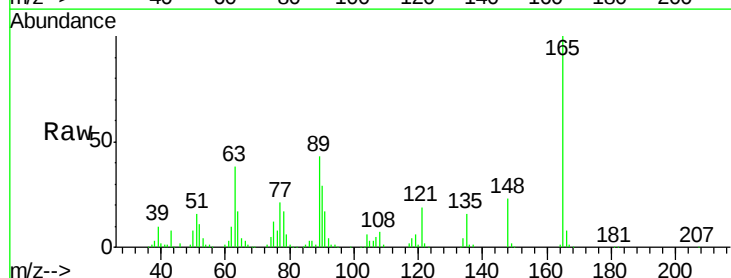
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 46.74 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	37.6	28.1	42.1
89	43.3	32.2	48.2

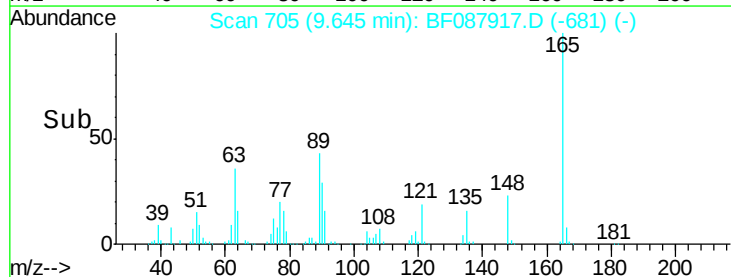
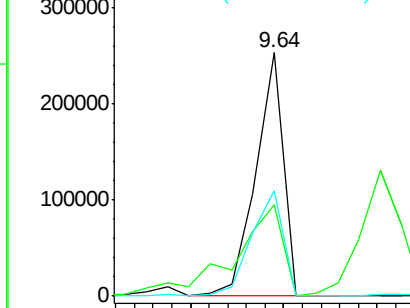


Abundance

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





#51

Acenaphthene

Concen: 40.05 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

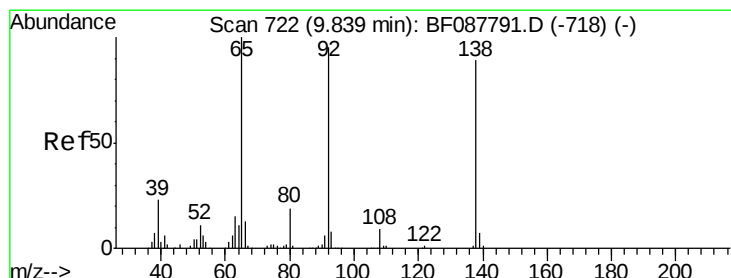
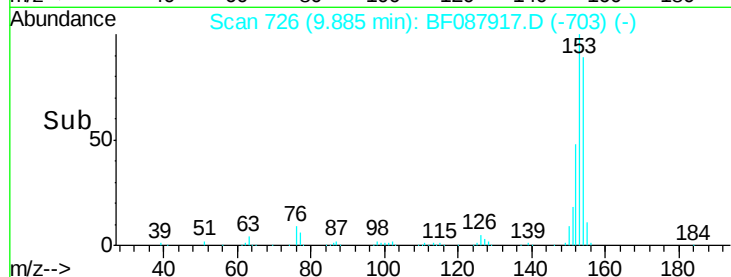
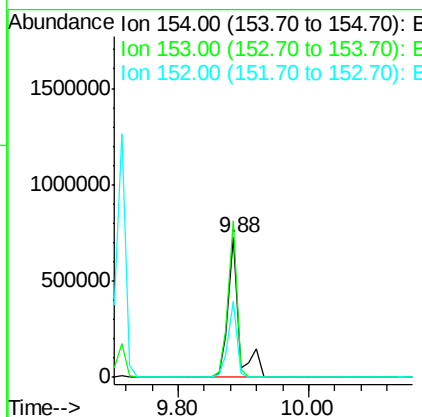
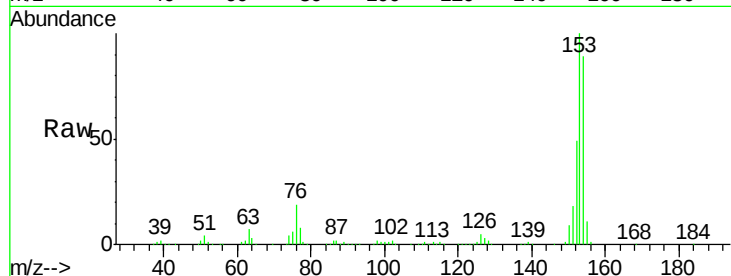
ClientSampleId :

SP16-JMW0991MSD

Tot Ion:	154	Resp:	852680
Ion Ratio	Lower	Upper	
154	100		
153	112.2	89.5	134.3
152	54.8	42.7	64.1

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#52

3-Nitroaniline

Concen: 24.86 ng

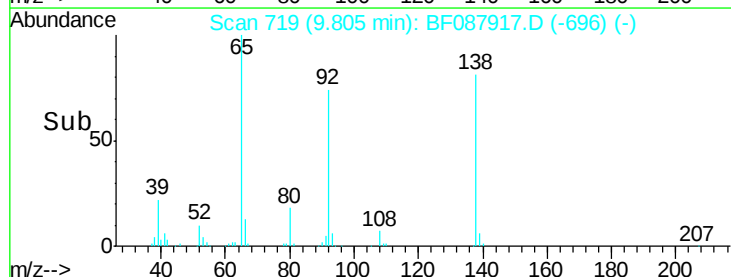
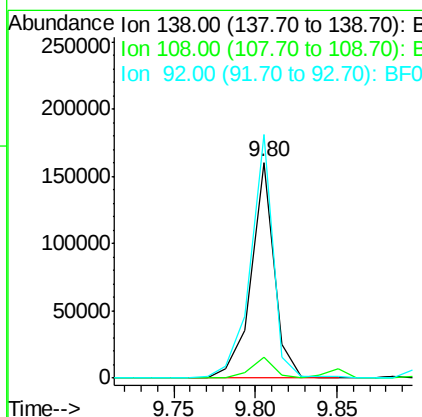
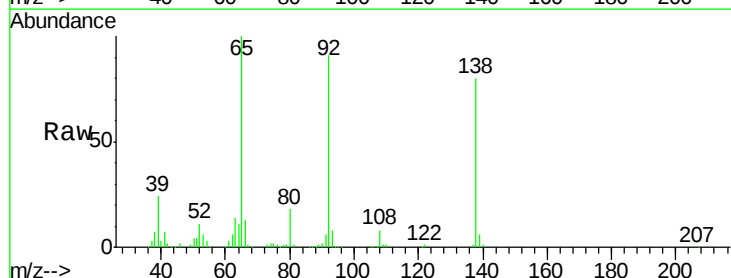
RT: 9.80 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	138	Resp:	157799
Ion Ratio	Lower	Upper	
138	100		
108	9.9	8.5	12.7
92	112.8	95.7	143.5





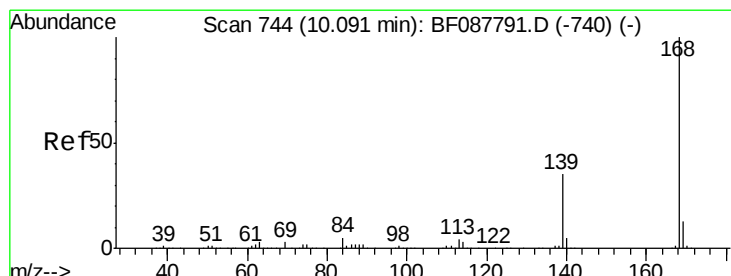
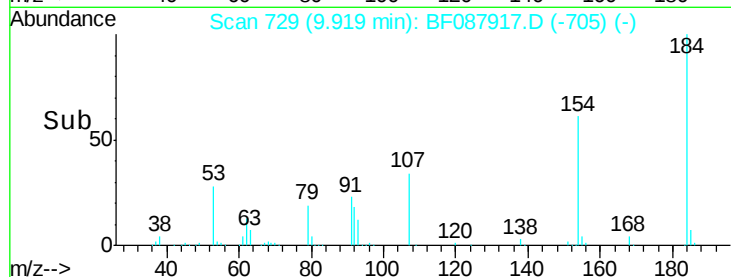
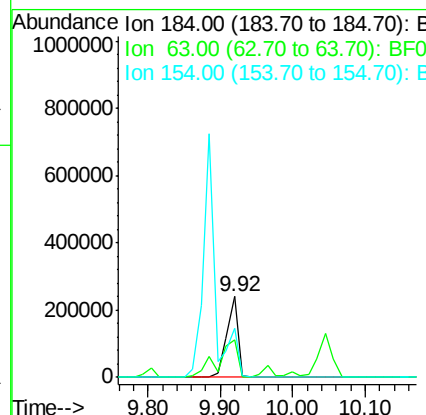
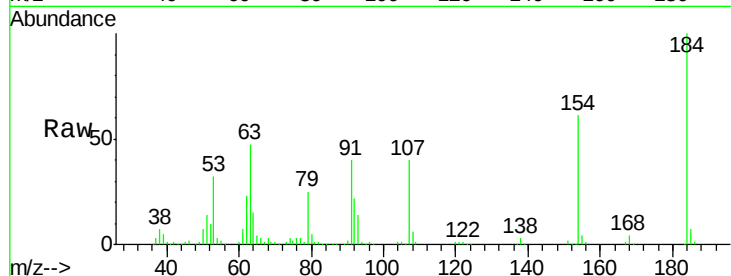
#53
 2,4-Dinitrophenol
 Concen: 86.02 ng
 RT: 9.92 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	264388		
63	46.5	57.6	86.4#	
154	61.0	53.5	80.3	

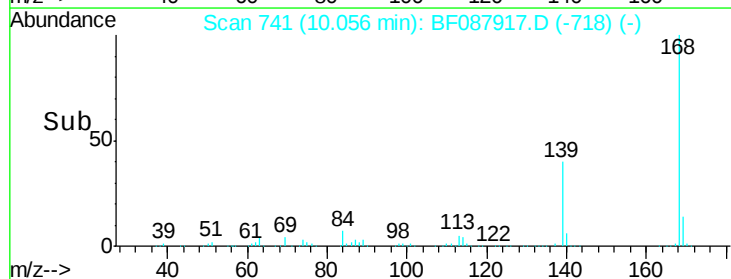
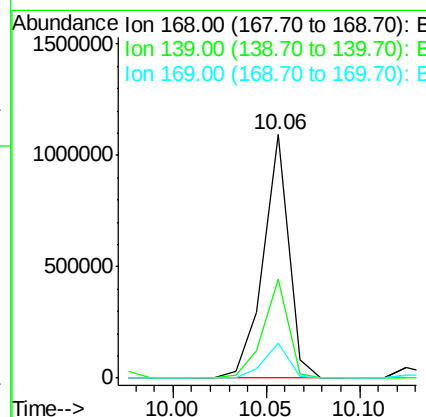
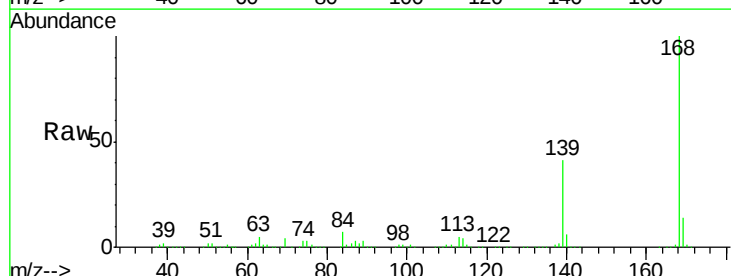
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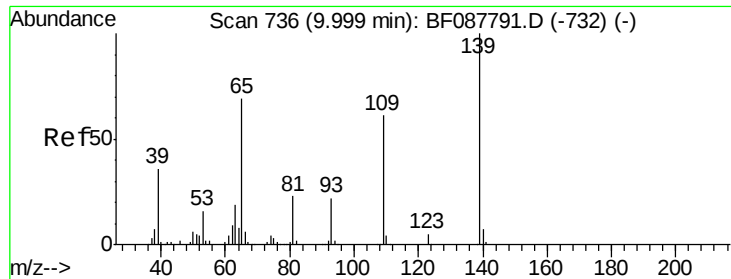
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#54
 Dibenzofuran
 Concen: 35.07 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1028200		
139	40.6	26.4	39.6#	
169	14.2	10.4	15.6	





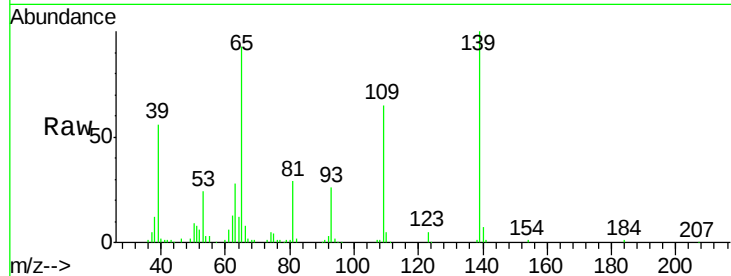
#55
4-Nitrophenol
Concen: 24.64 ng
RT: 9.96 min Scan# 733
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	121389		
109	64.8	48.9	88.9	
65	92.9	84.9	124.9	

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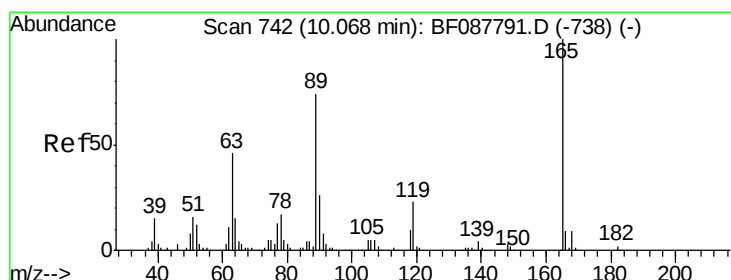
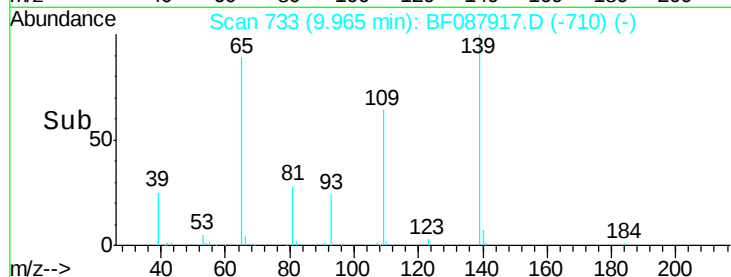
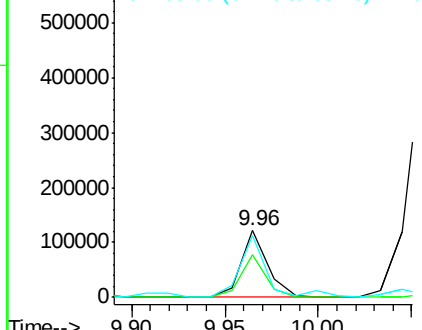


Abundance

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): E



#56
2,4-Dinitrotoluene
Concen: 41.52 ng
RT: 10.04 min Scan# 740
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	293515		
63	43.6	22.0	33.0#	
89	70.1	41.1	61.7#	
182	2.4	2.0	3.0	

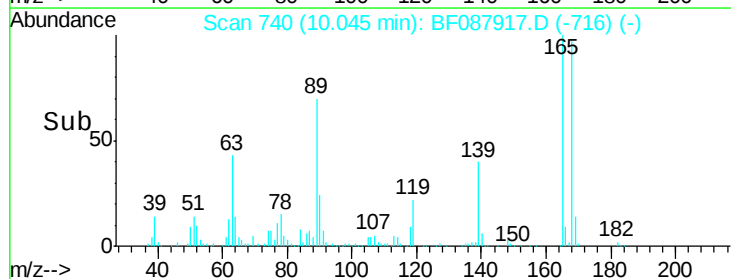
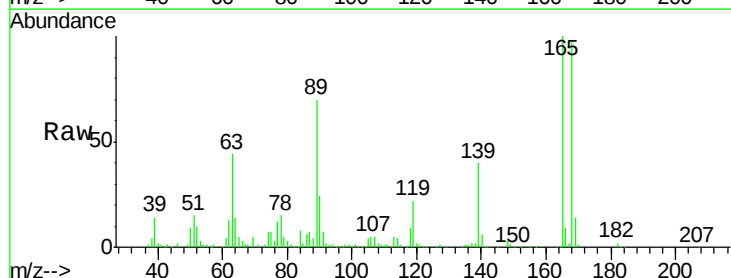
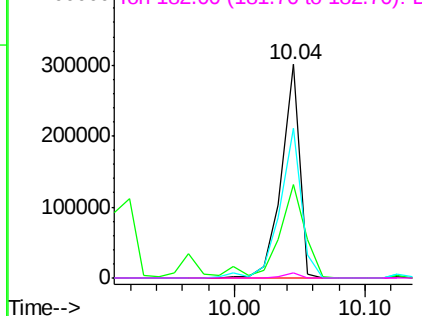
Abundance

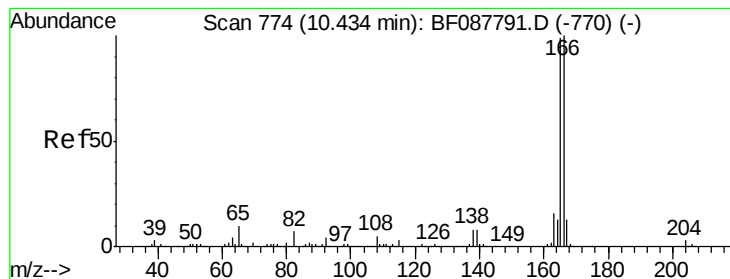
Ion 165.00 (164.70 to 165.70): E

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: 39.76 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

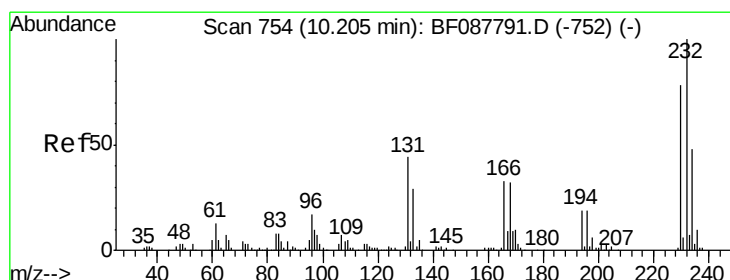
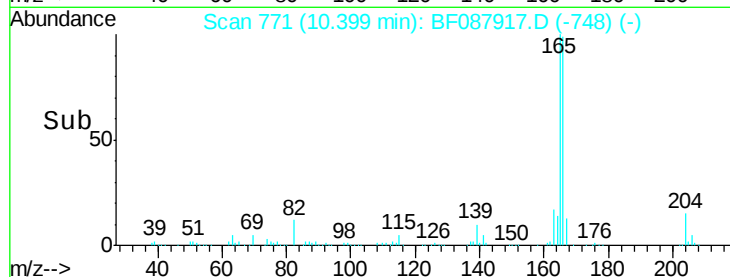
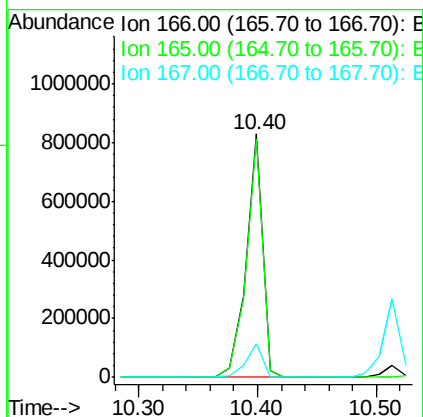
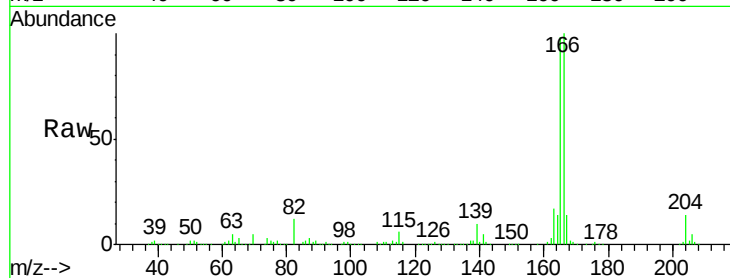
ClientSampleId :

SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.1	77.8	116.8
167	13.6	11.2	16.8

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#58

2,3,4,6-Tetrachlorophenol

Concen: 36.50 ng

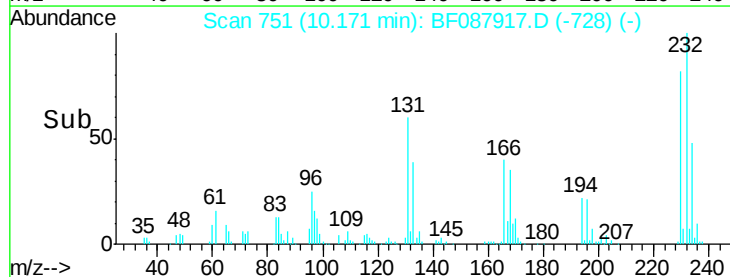
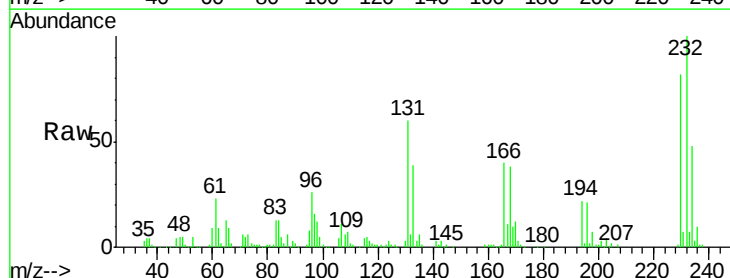
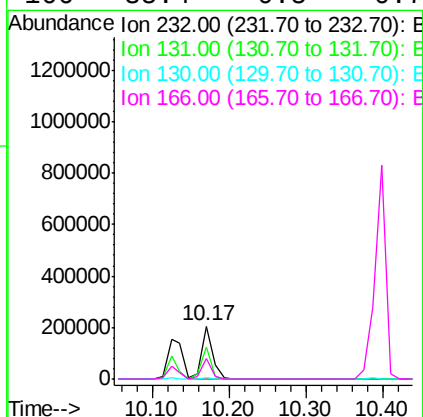
RT: 10.17 min Scan# 751

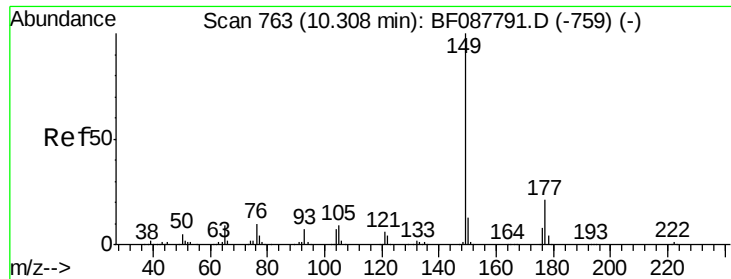
Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
232	100		
131	53.7	0.9	1.3#
130	2.6	1.5	2.3#
166	35.4	0.5	0.7#





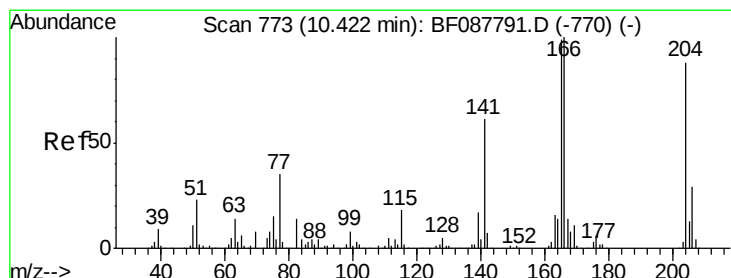
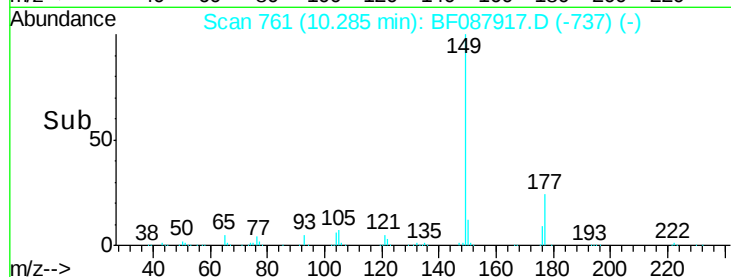
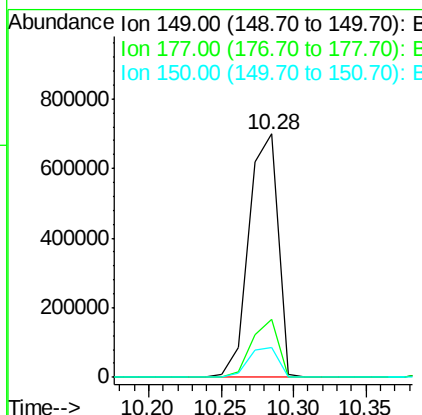
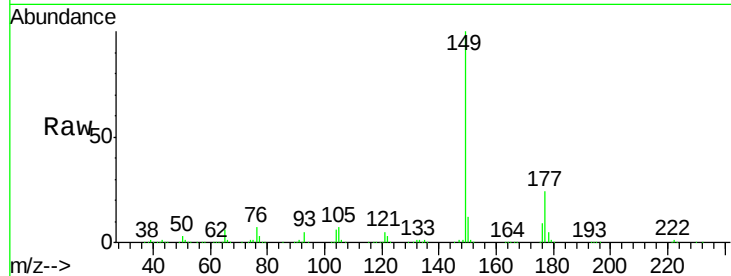
#59
Diethylphthalate
Concen: 40.15 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	975989		
177	24.1	16.9	25.3	
150	12.3	10.1	15.1	

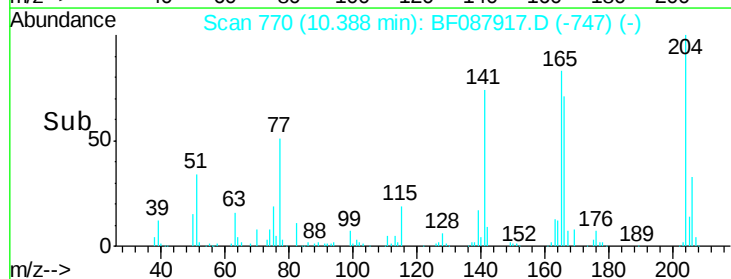
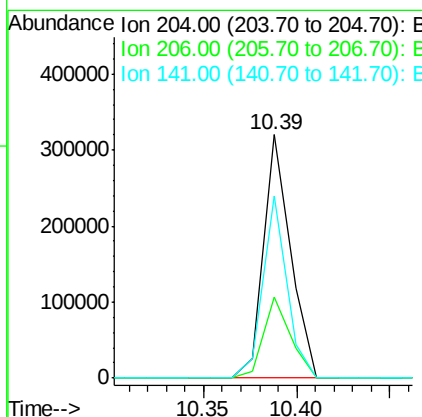
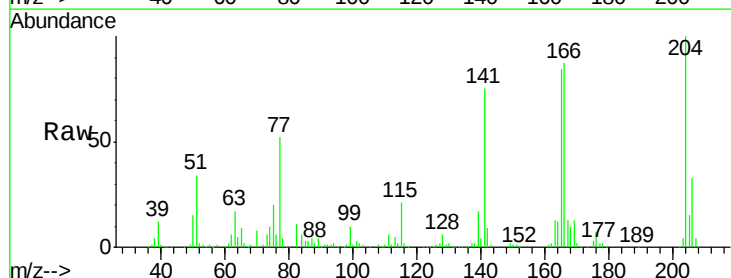
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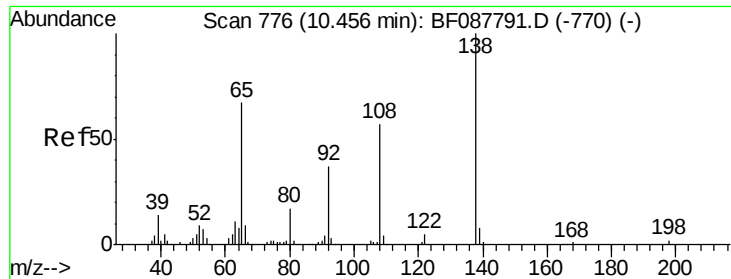
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#60
4-Chlorophenyl-phenylether
Concen: 32.68 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	318689		
206	33.0	26.3	39.5	
141	75.0	55.0	82.6	





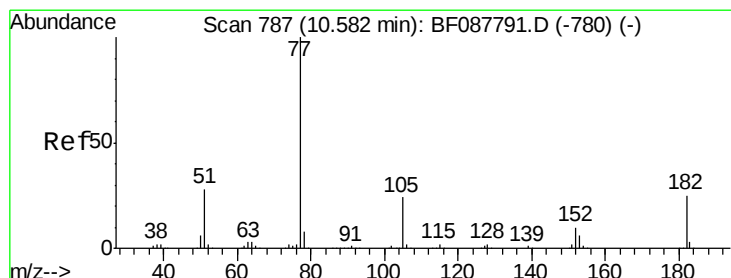
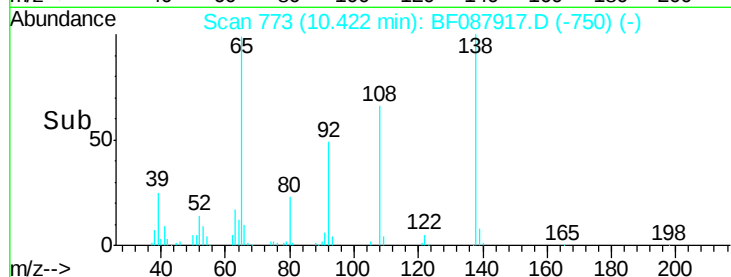
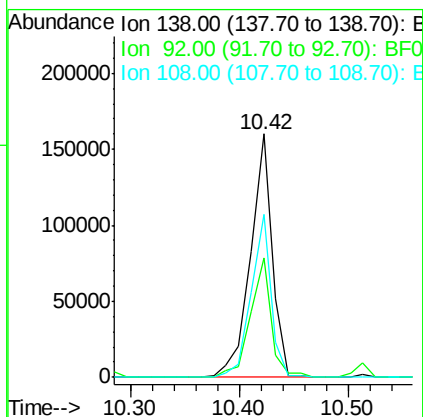
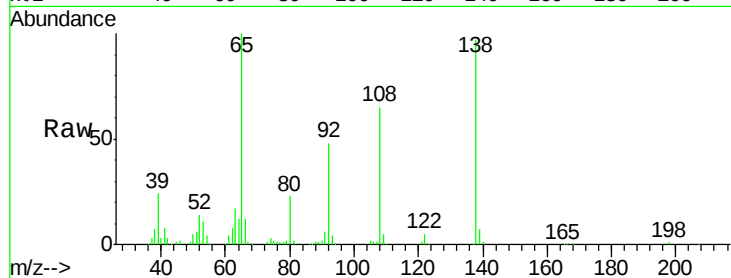
#61
4-Nitroaniline
Concen: 37.13 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	49.3	27.3	67.3
108	67.1	46.7	86.7

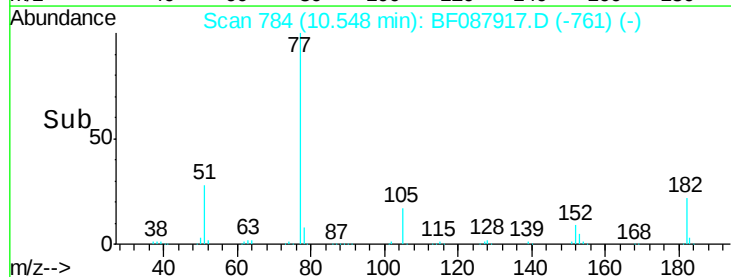
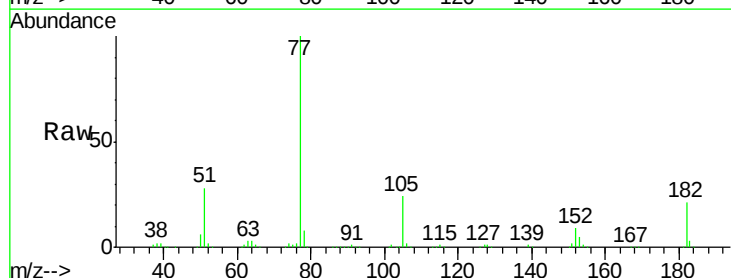
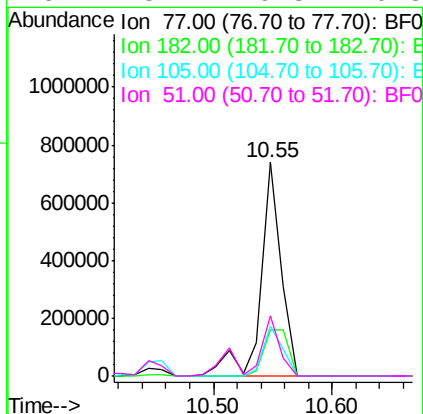
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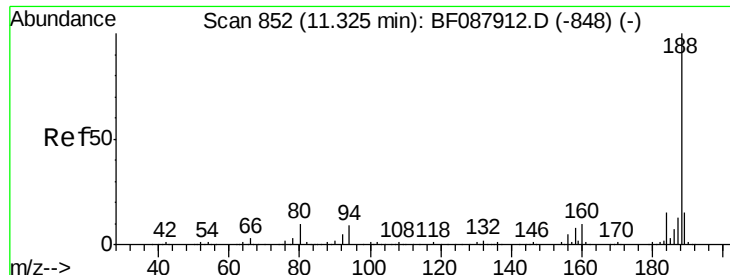
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#62
Azobenzene
Concen: 36.95 ng
RT: 10.55 min Scan# 784
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
77	100		
182	21.3	4.4	44.4
105	23.5	3.8	43.8
51	28.2	9.3	49.3





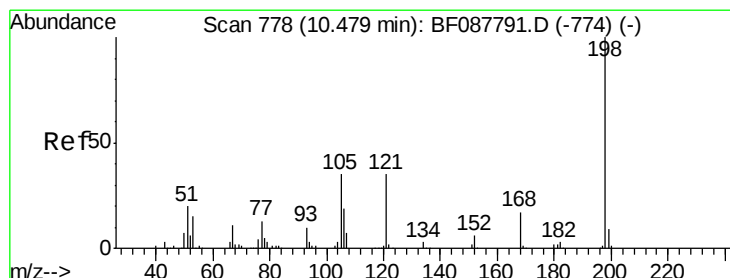
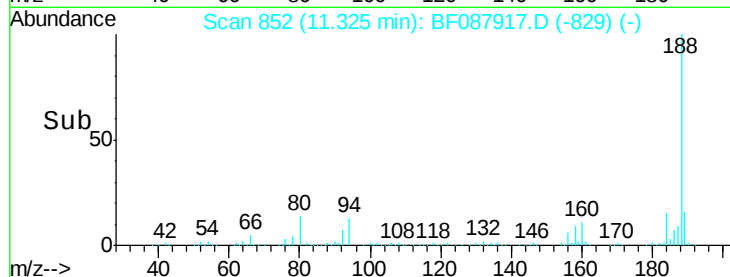
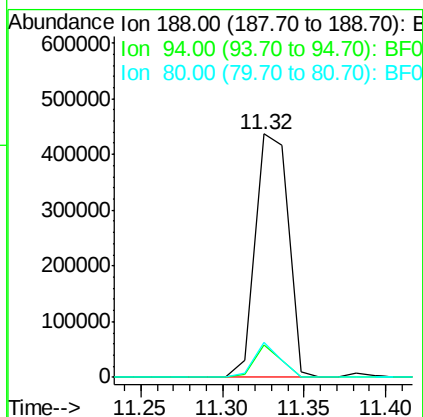
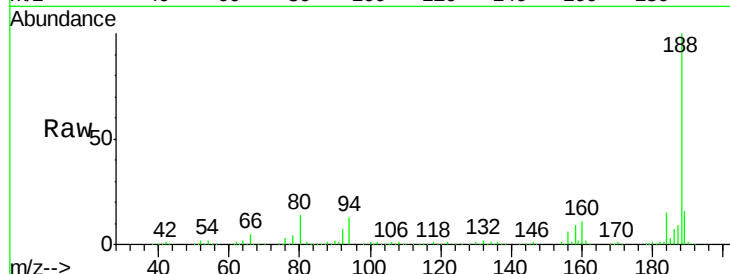
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	13.4	9.0	13.6
80	14.2	10.0	15.0

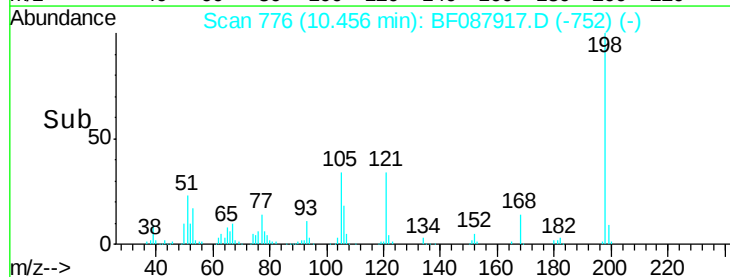
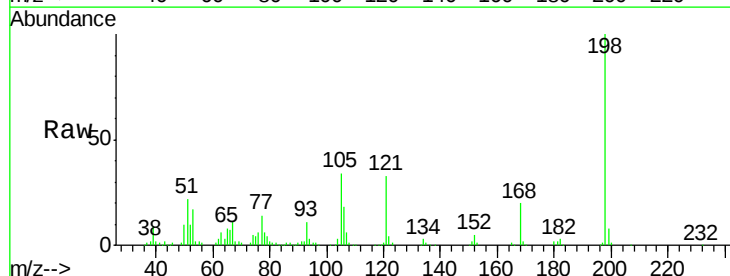
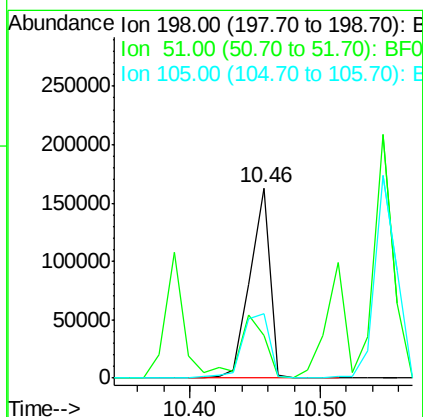
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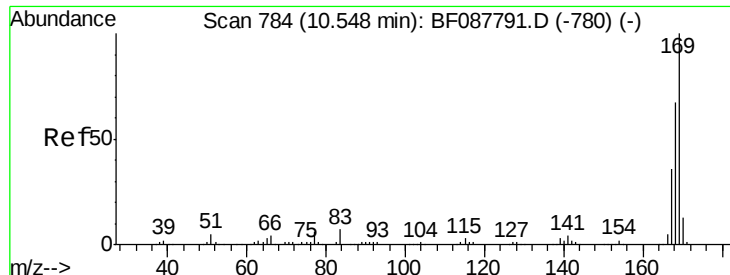
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#64
4,6-Dinitro-2-methylphenol
Concen: 45.66 ng
RT: 10.46 min Scan# 776
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	22.4	39.6	79.6#
105	33.9	36.6	76.6#





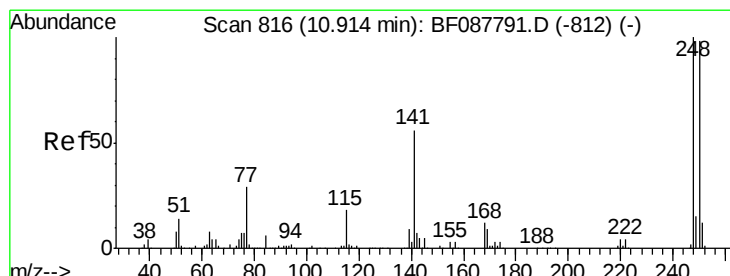
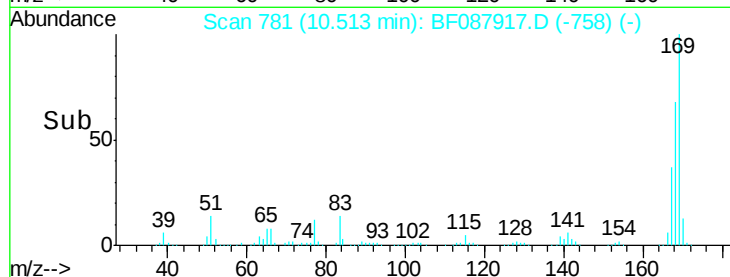
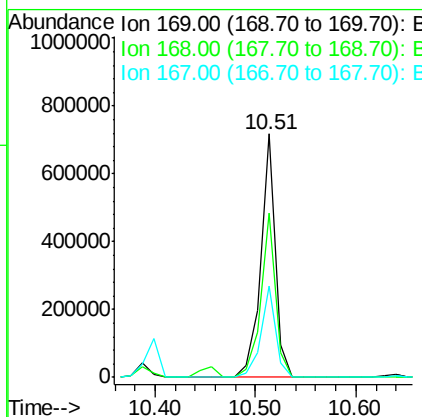
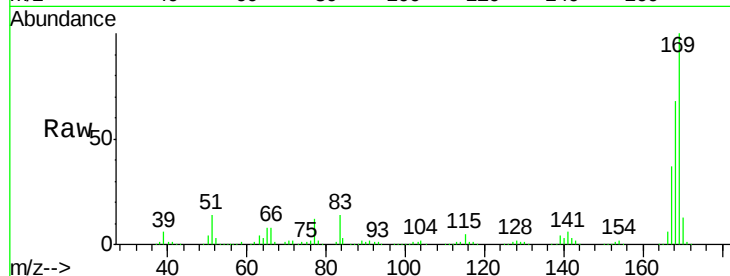
#65
n-Nitrosodiphenylamine
Concen: 35.39 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	722385		
168	67.6	53.4	80.0	
167	37.3	29.4	44.0	

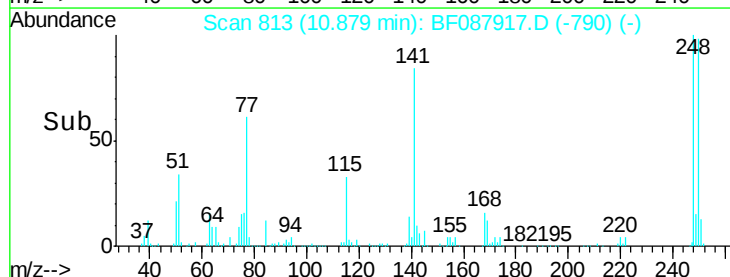
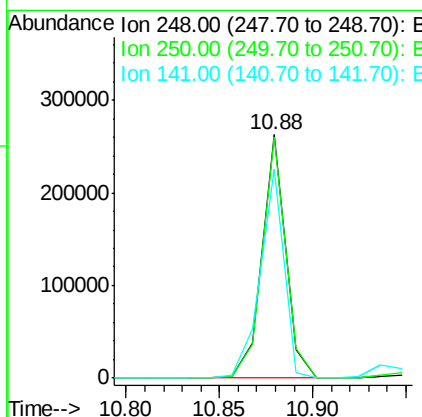
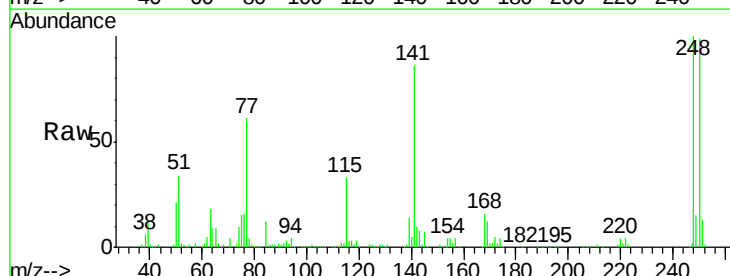
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#66
4-Bromophenyl-phenylether
Concen: 34.67 ng
RT: 10.88 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	228792		
250	98.8	77.1	115.7	
141	85.8	50.6	76.0	





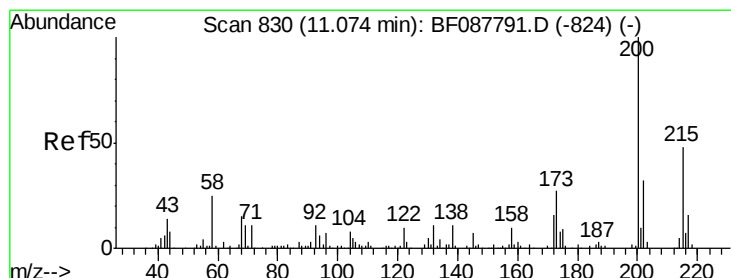
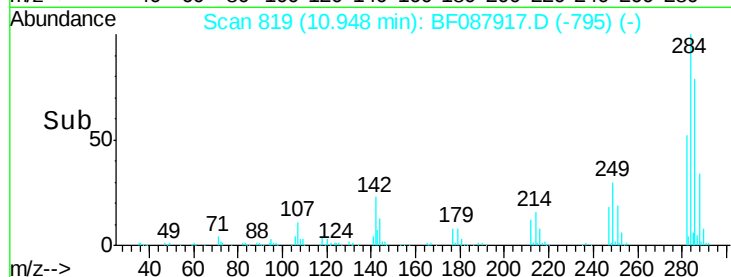
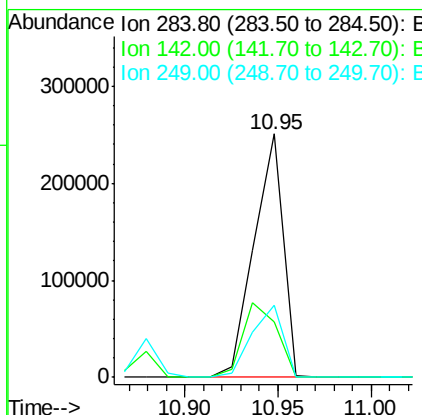
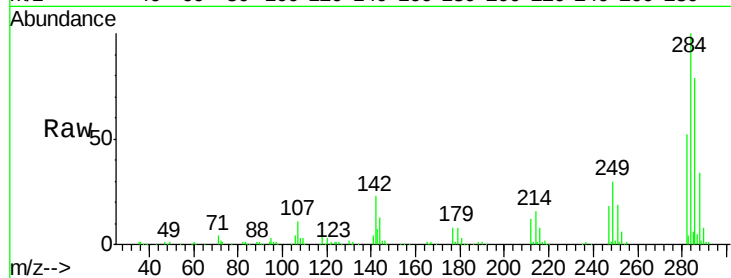
#67
Hexachlorobenzene
Concen: 39.44 ng
RT: 10.95 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	270425		
142	22.8	35.8	53.8#	
249	29.5	25.8	38.6	

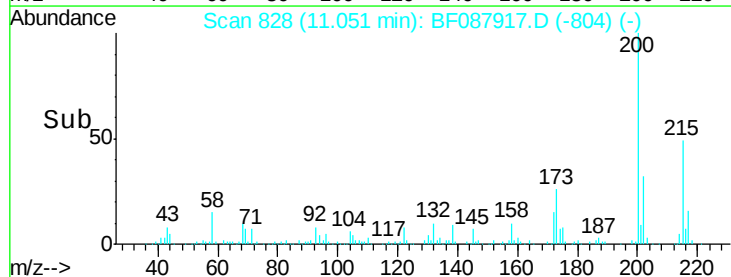
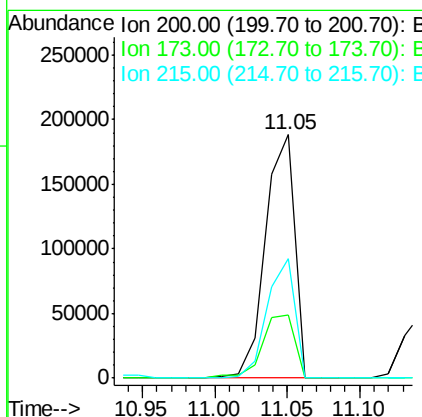
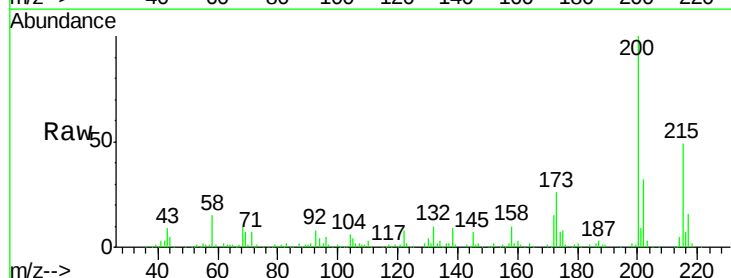
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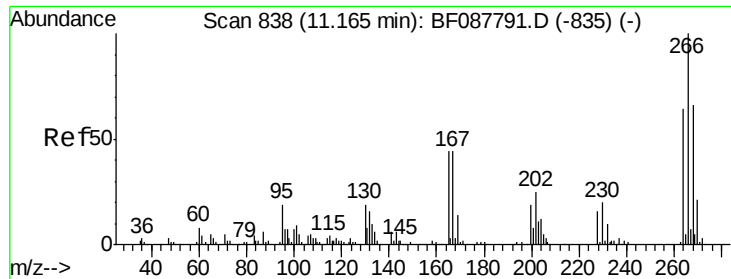
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#68
Atrazine
Concen: 42.39 ng
RT: 11.05 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	261977		
173	26.0	4.0	44.0	
215	49.1	29.3	69.3	





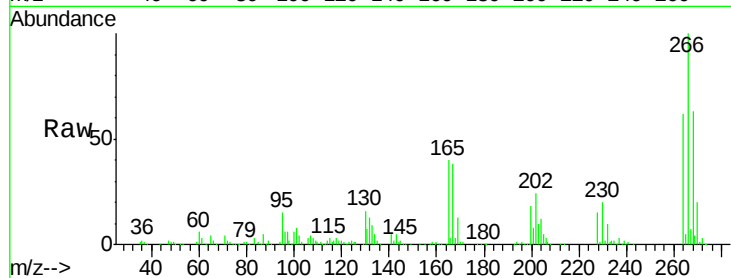
#69
 Pentachlorophenol
 Concen: 84.54 ng
 RT: 11.14 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

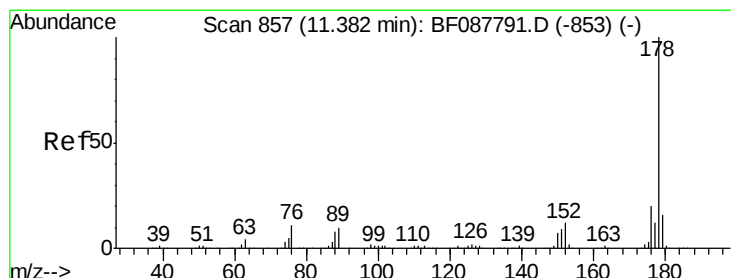
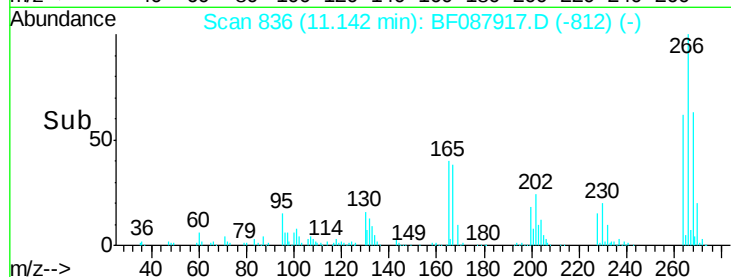
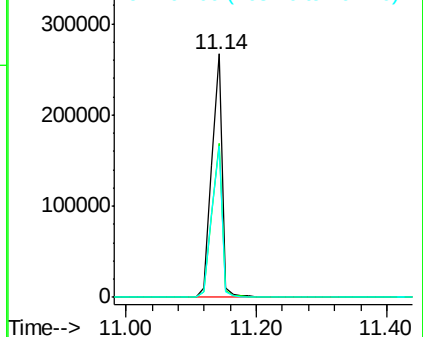
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.4	52.8	79.2
264	62.3	49.6	74.4

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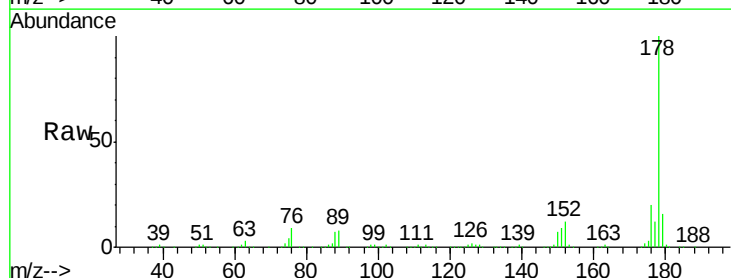


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

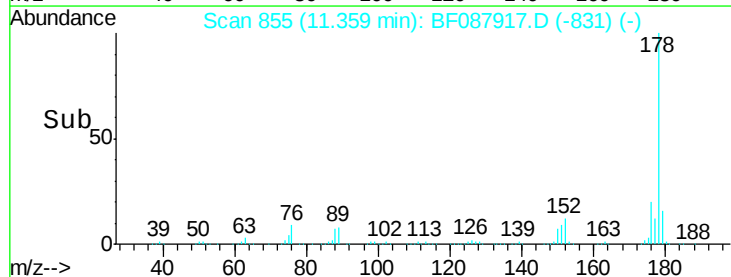
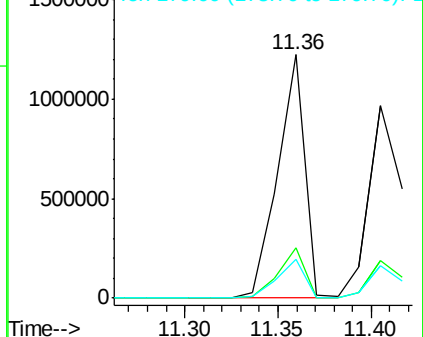


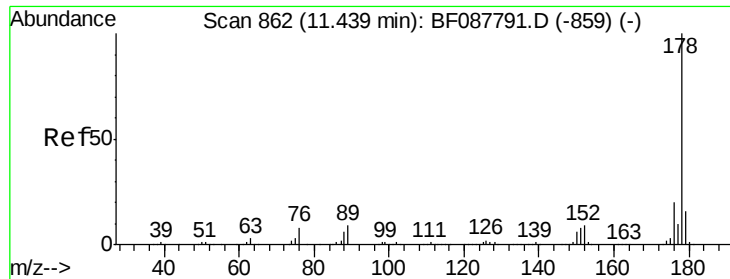
#70
 Phenanthrene
 Concen: 38.27 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.6
179	15.9	13.0	19.4



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





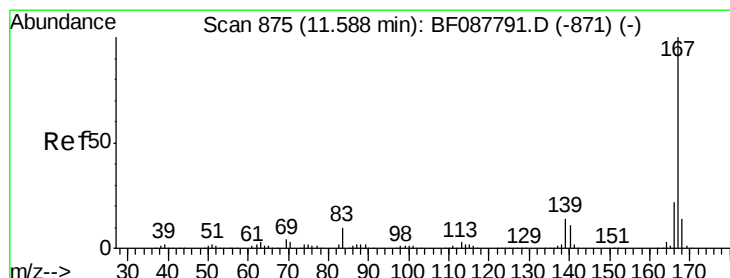
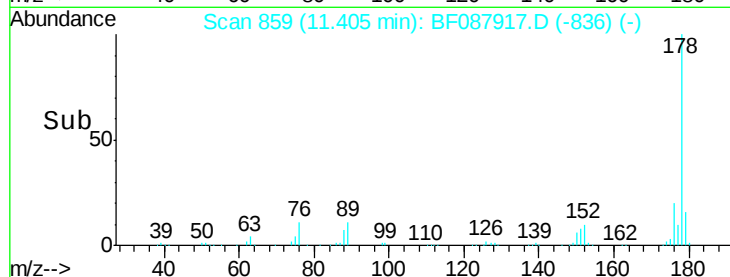
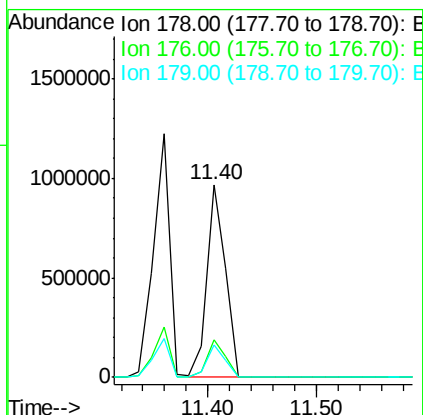
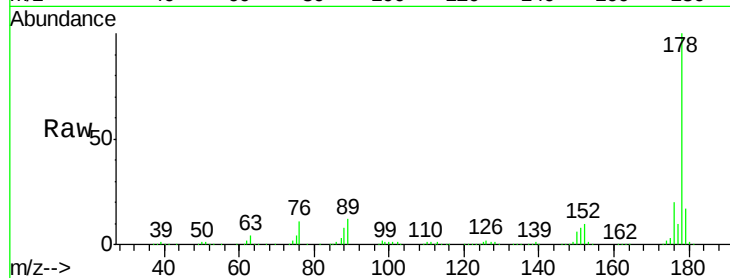
#71
 Anthracene
 Concen: 35.56 ng
 RT: 11.40 min Scan# 859
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion:178 Resp: 1157656
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 16.5 12.8 19.2

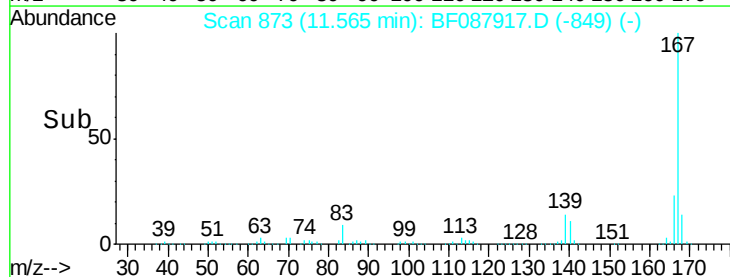
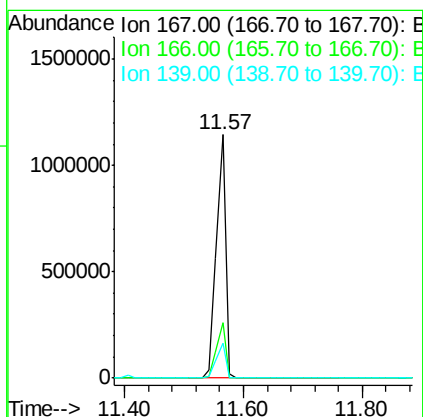
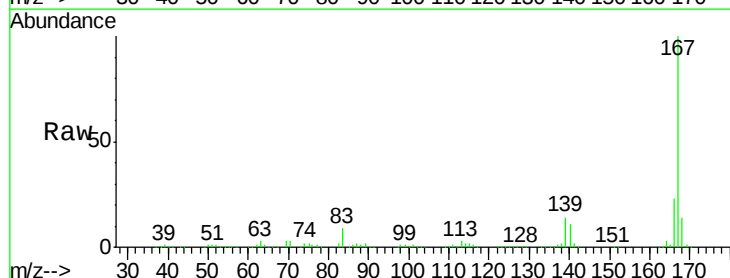
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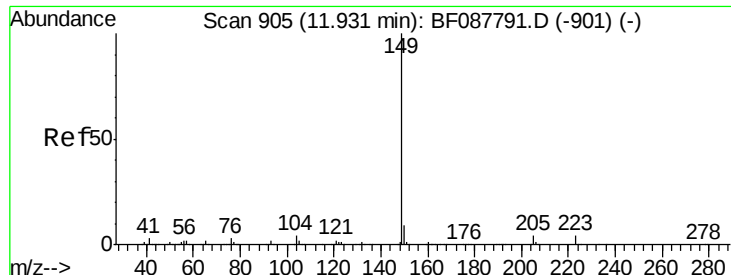
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#72
 Carbazole
 Concen: 40.12 ng
 RT: 11.57 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion:167 Resp: 1222343
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.8 26.6
 139 14.3 11.2 16.8





#73

Di-n-butylphthalate

Concen: 31.69 ng

RT: 11.90 min Scan# 902

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tot Ion:149 Resp: 1222281

Ion Ratio Lower Upper

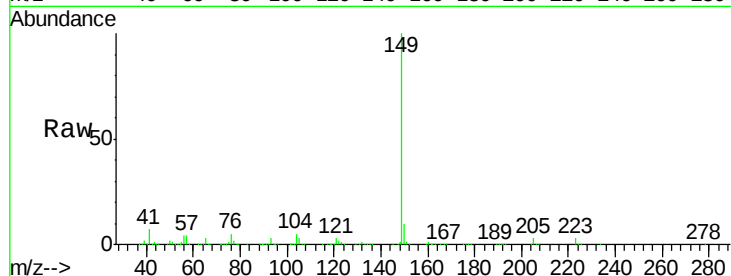
149 100

150 9.9 7.8 11.6

104 5.3 4.0 6.0

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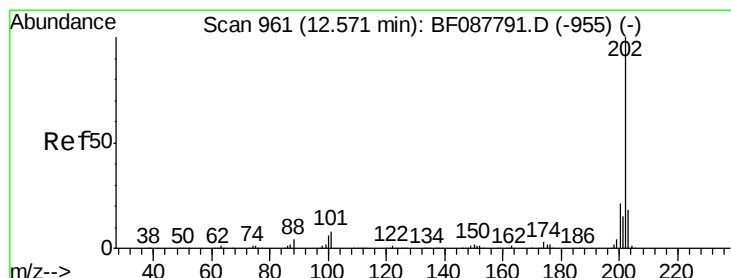
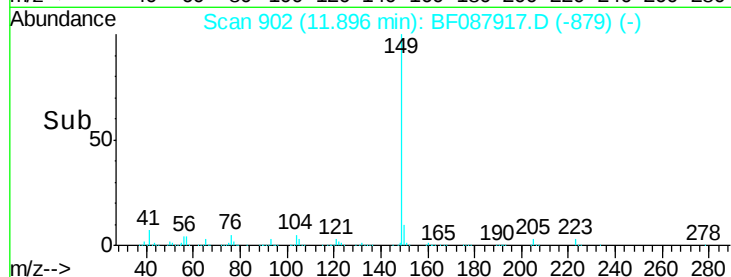
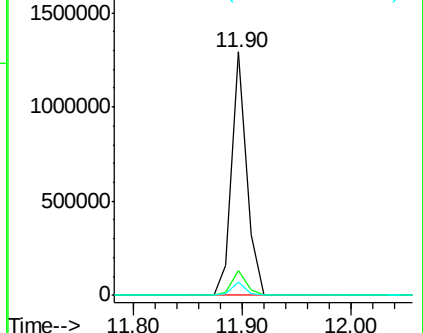
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.04 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

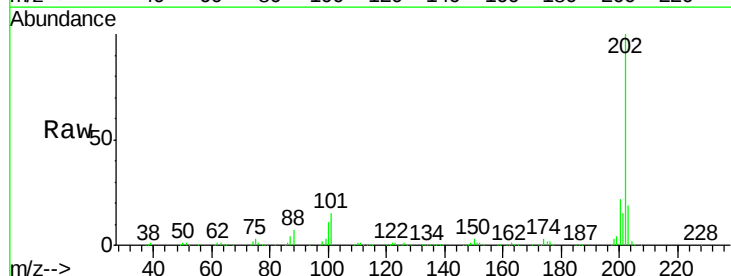
Tgt Ion:202 Resp: 1193438

Ion Ratio Lower Upper

202 100

101 14.9 0.0 33.1

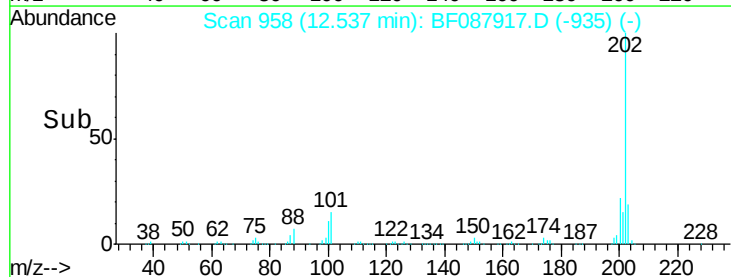
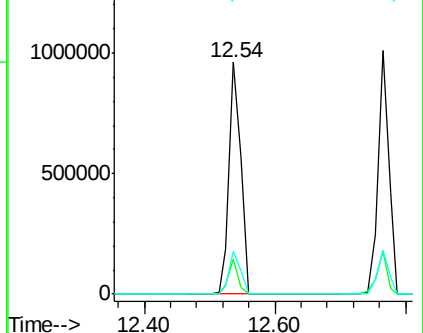
203 18.6 0.0 38.1

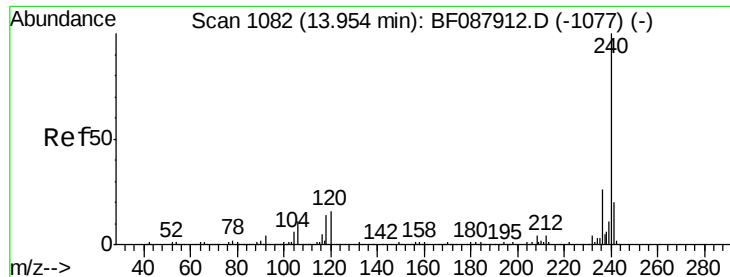


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1083

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

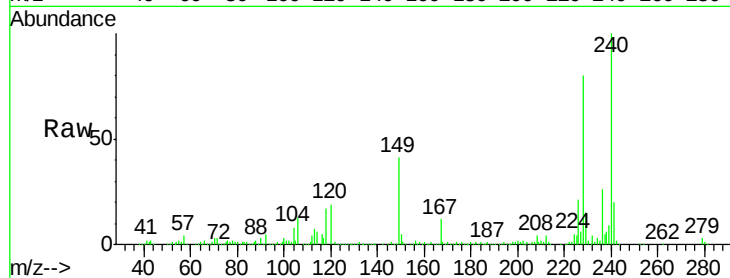
ClientSampleId :

SP16-JMW0991MSD

Tot Ion:	240	Resp:	399822
Ion Ratio	Lower	Upper	
240	100		
120	18.6	6.8	10.2#
236	26.4	20.2	30.2

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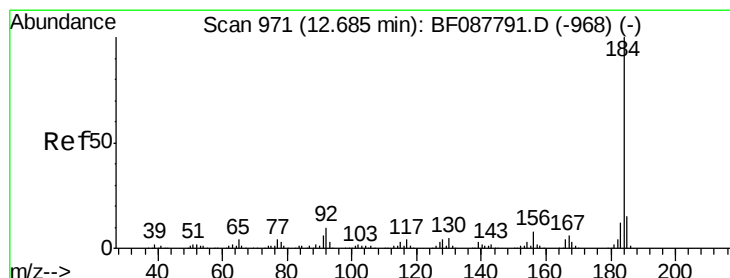
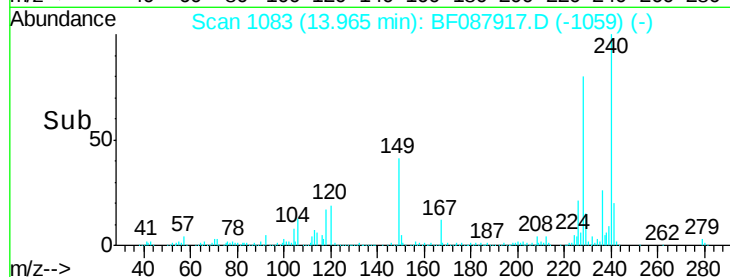
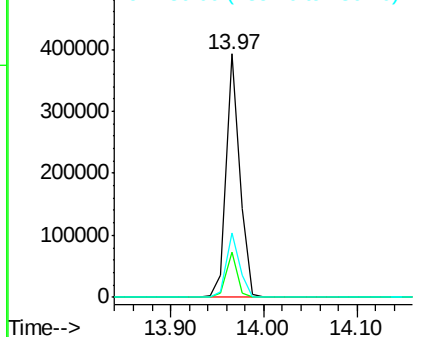
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 27.34 ng

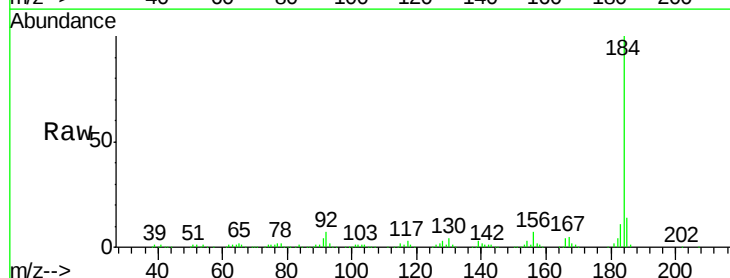
RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

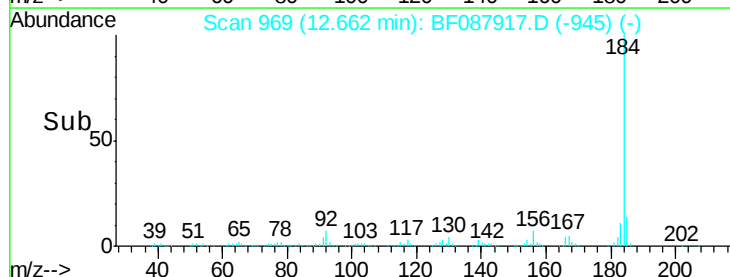
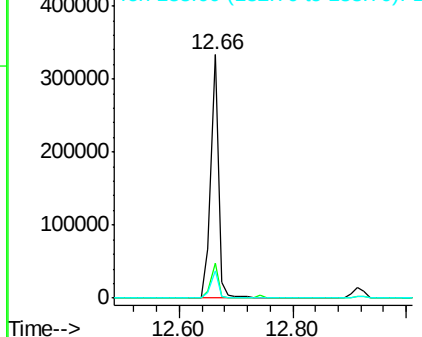
Tgt Ion:	184	Resp:	302693
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.5	18.7
183	11.5	9.3	13.9

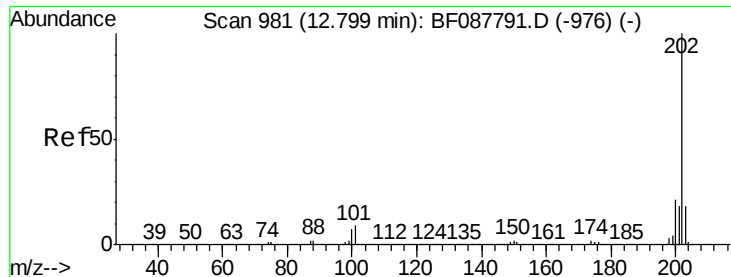


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 39.20 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087917.D

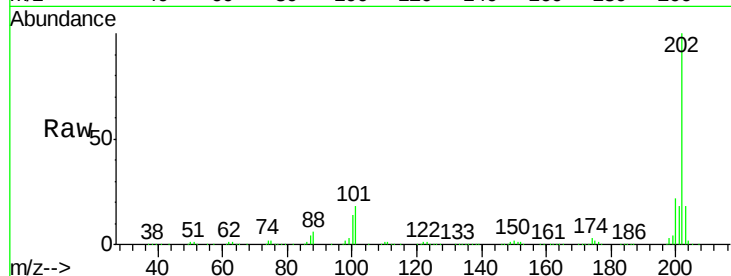
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

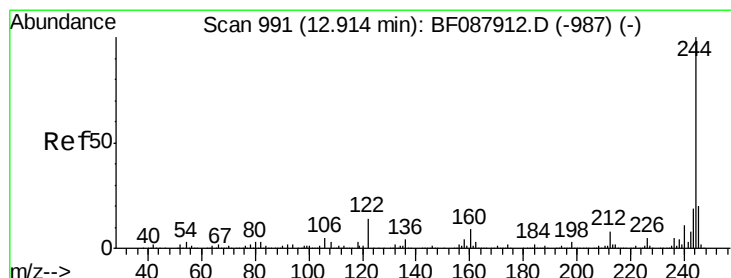
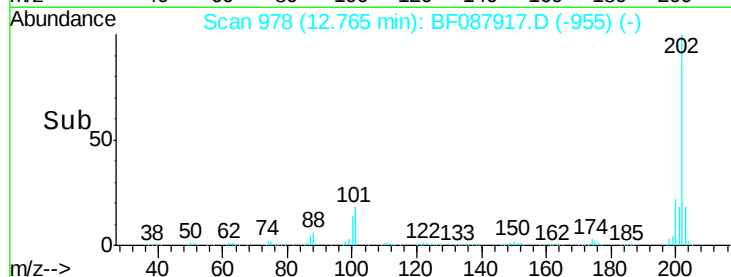
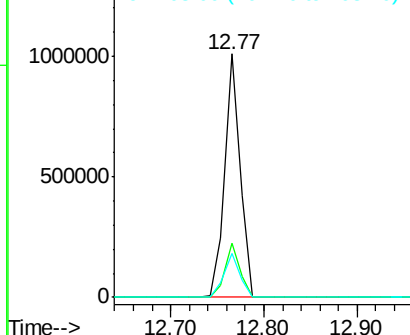
Tot Ion:	202	Resp:	1163158
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.4	26.2
203	18.2	14.5	21.7

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



#78

Terphenyl-d14

Concen: 78.49 ng

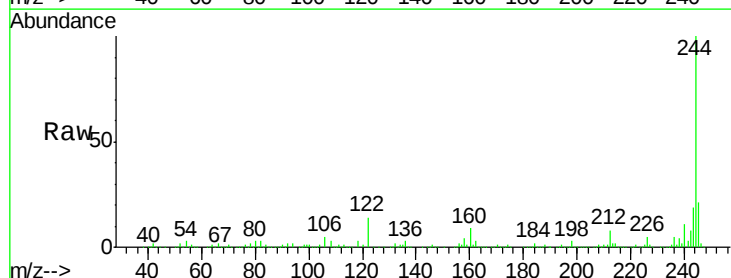
RT: 12.91 min Scan# 991

Delta R.T. -0.03 min

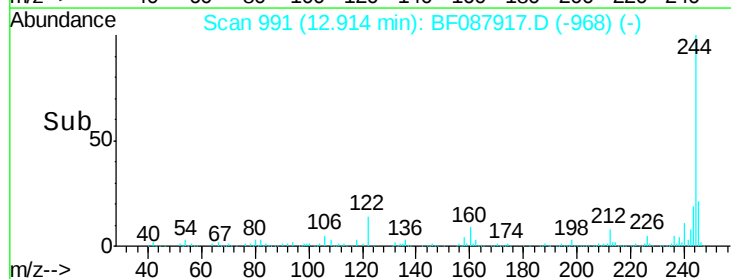
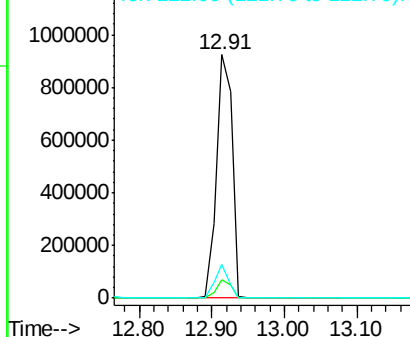
Lab File: BF087917.D

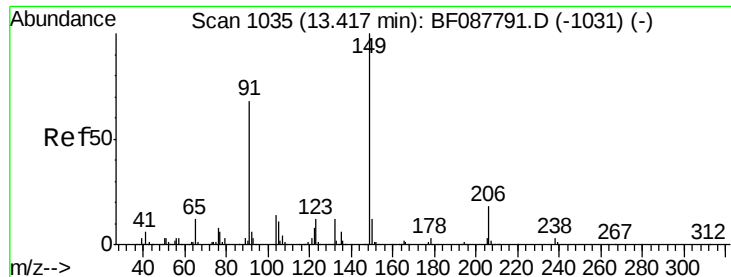
Acq: 11 Jun 2016 22:30

Tgt Ion:	244	Resp:	1379182
Ion Ratio	Lower	Upper	
244	100		
212	7.6	6.0	9.0
122	14.0	11.2	16.8



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





#79

Butylbenzylphthalate

Concen: 45.56 ng

RT: 13.39 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

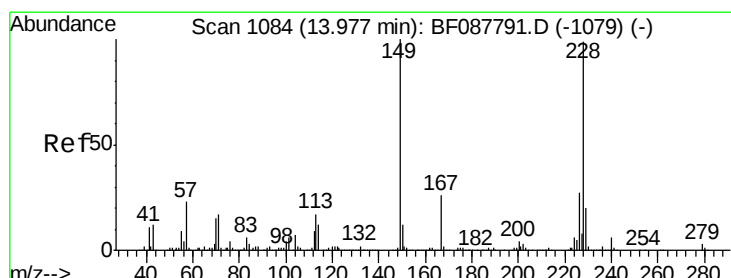
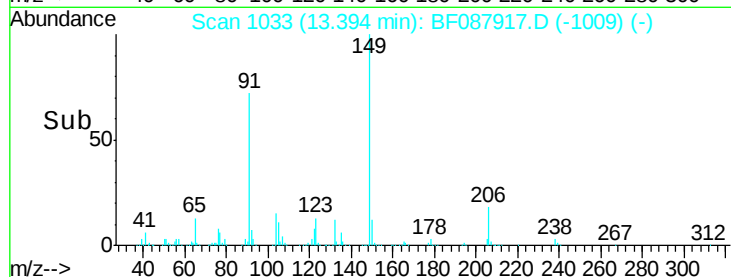
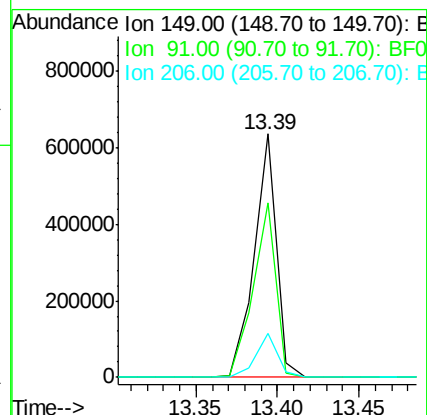
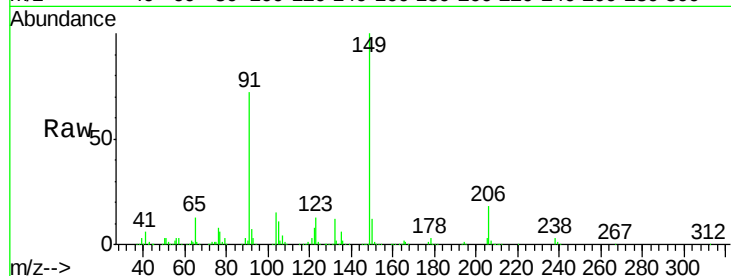
ClientSampleId :

SP16-JMW0991MSD

Tot Ion:	149	Resp:	597672
Ion Ratio	Lower	Upper	
149	100		
91	71.7	48.0	72.0
206	18.0	16.0	24.0

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#80

Benzo(a)anthracene

Concen: 41.28 ng

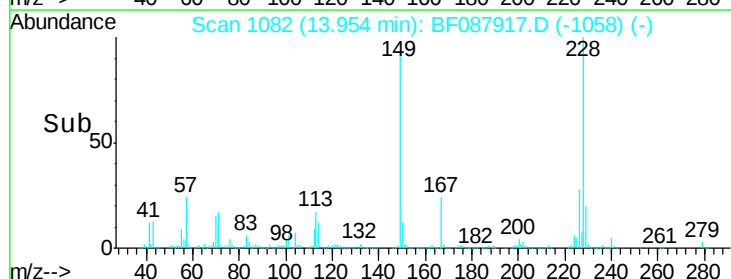
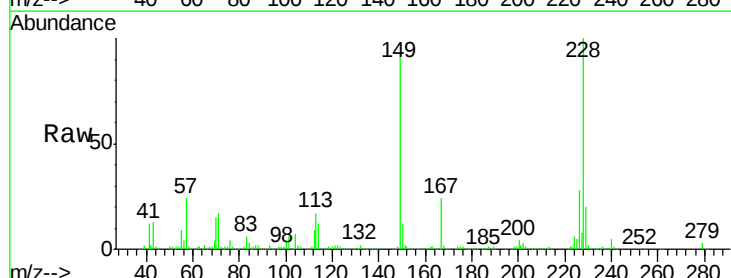
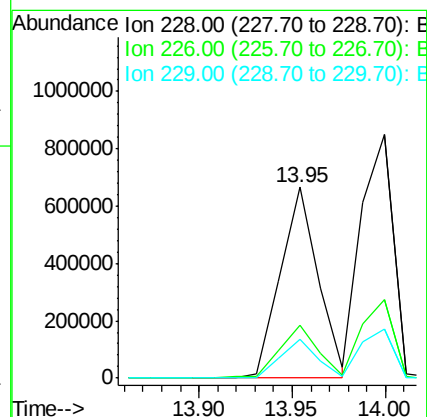
RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	228	Resp:	940500
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.3	33.5
229	20.1	16.0	24.0





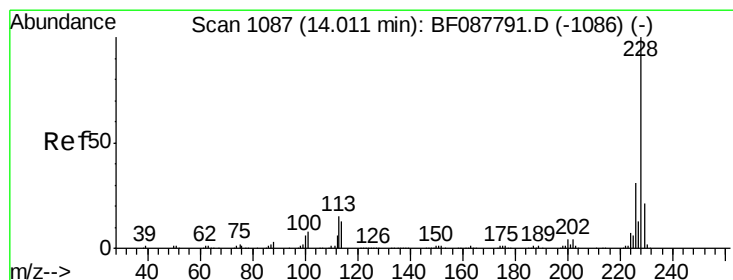
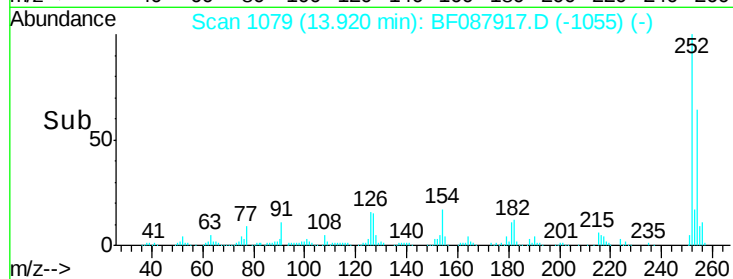
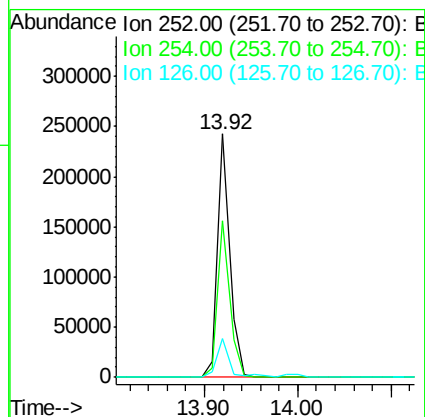
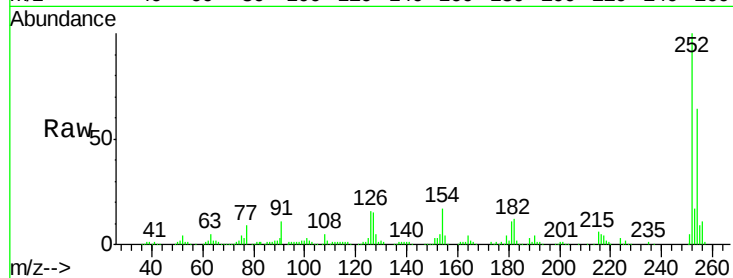
#81
 3,3'-Dichlorobenzidine
 Concen: 36.00 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. -0.02 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	52.6	78.8
126	16.0	6.2	9.2

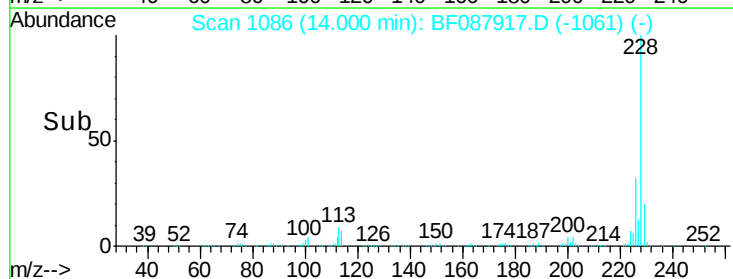
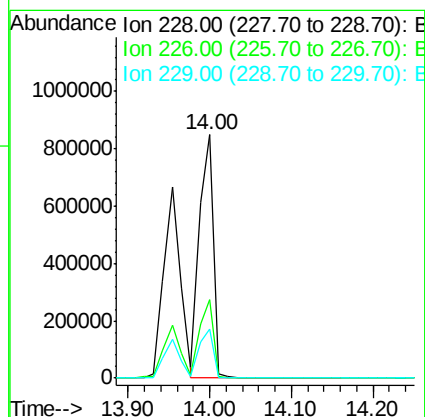
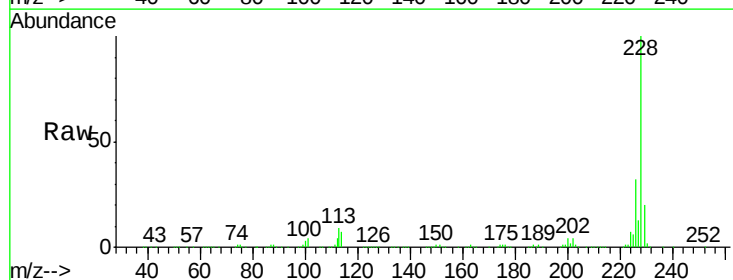
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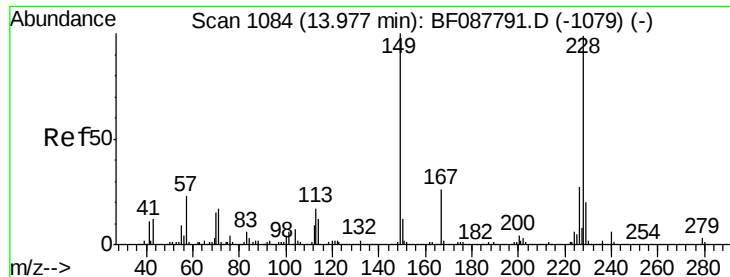
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#82
 Chrysene
 Concen: 47.75 ng
 RT: 14.00 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	32.2	25.4	38.2
229	20.1	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.89 ng

RT: 13.95 min Scan# 1082

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

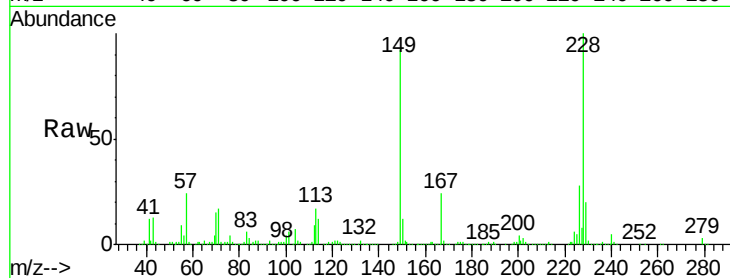
ClientSampleId :

SP16-JMW0991MSD

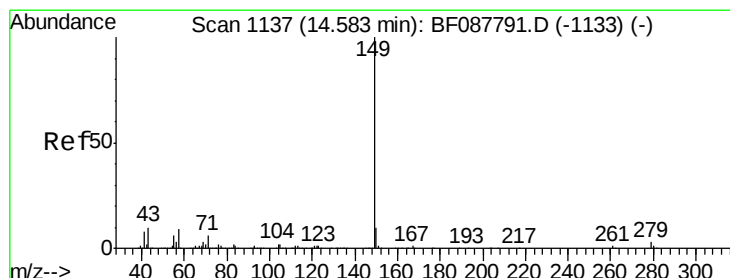
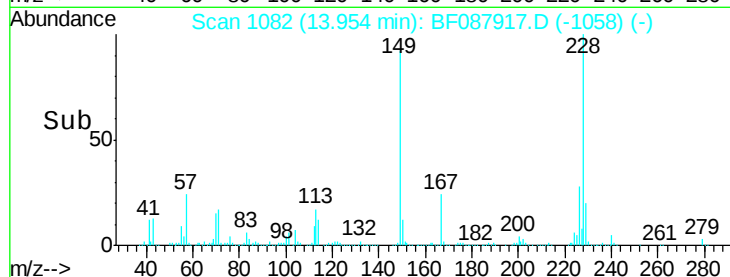
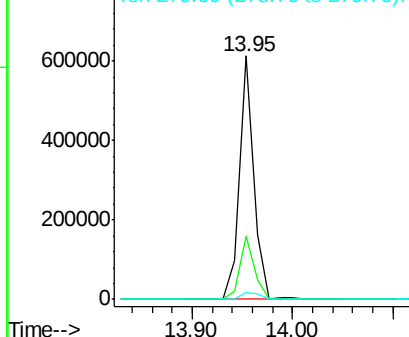
Tot Ion:	149	Resp:	604984
Ion Ratio		Lower	Upper
149	100		
167	25.7	20.5	30.7
279	2.8	2.0	3.0

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



#84

Di-n-octyl phthalate

Concen: 51.58 ng

RT: 14.57 min Scan# 1136

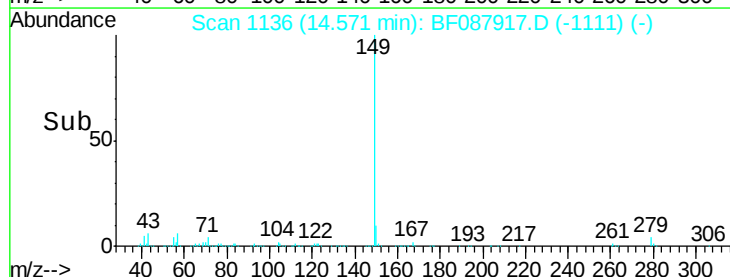
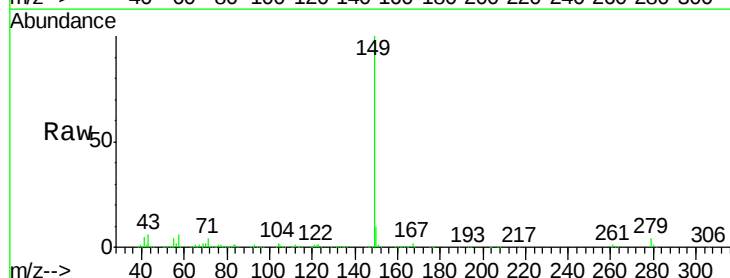
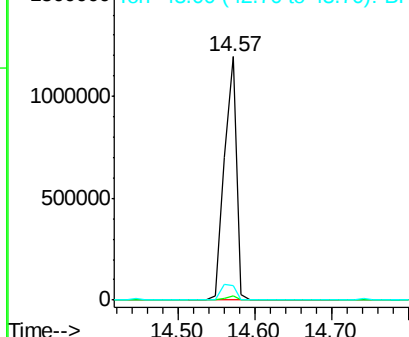
Delta R.T. -0.01 min

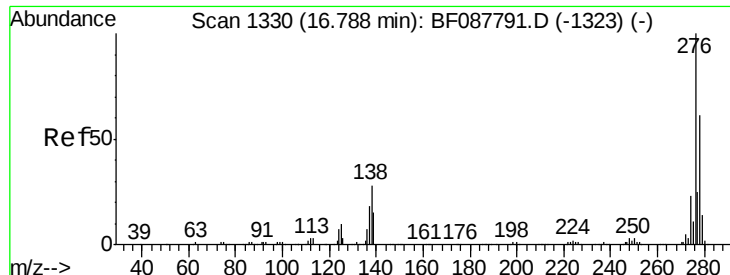
Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:	149	Resp:	1338227
Ion Ratio		Lower	Upper
149	100		
167	1.6	0.0	0.0#
43	8.1	0.0	0.0#

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





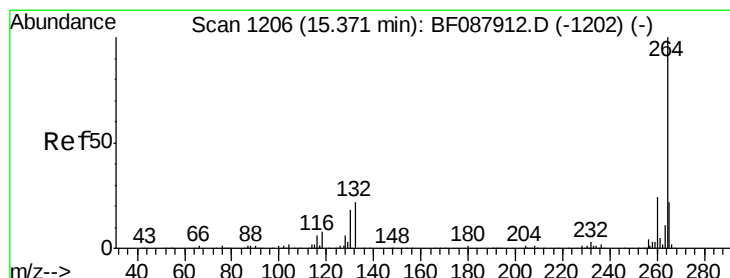
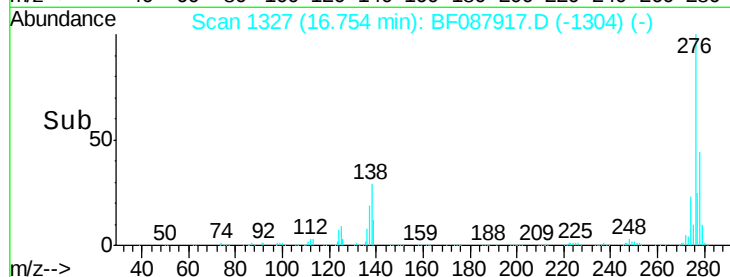
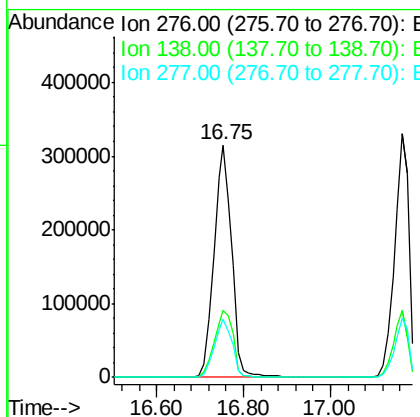
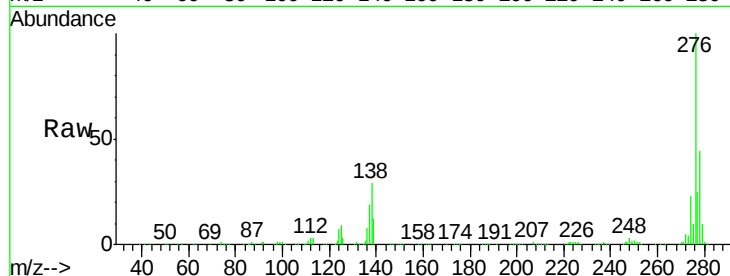
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.46 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	25.2	0.0	0.0#

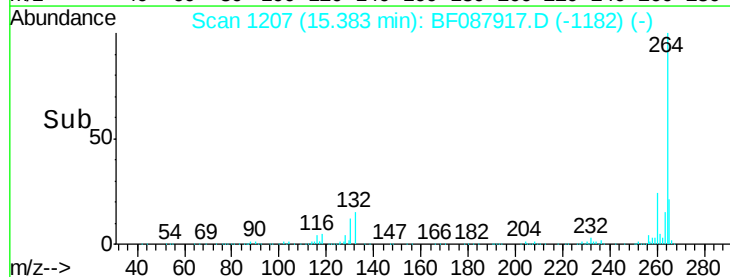
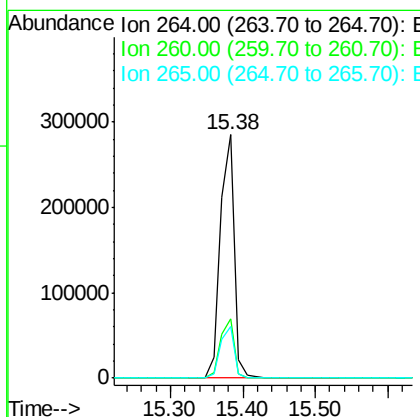
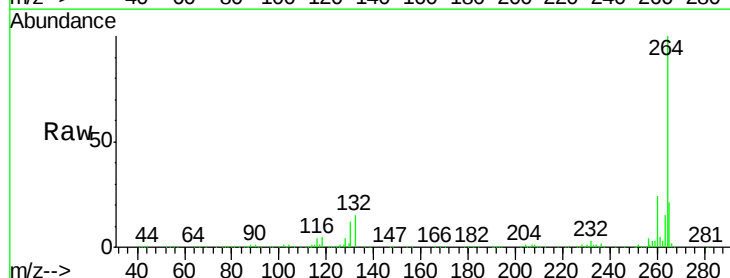
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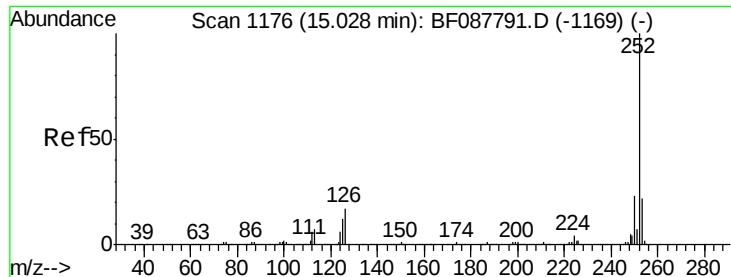
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.3	16.9	25.3





#87

Benzo(b)fluoranthene

Concen: 39.21 ng m

RT: 14.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Instrument :

BNA_F

ClientSampleId :

SP16-JMW0991MSD

Tot Ion:252 Resp: 1039762

Ion Ratio Lower Upper

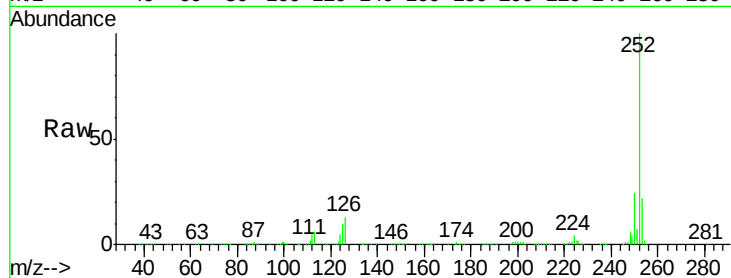
252 100

253 22.0 17.4 26.2

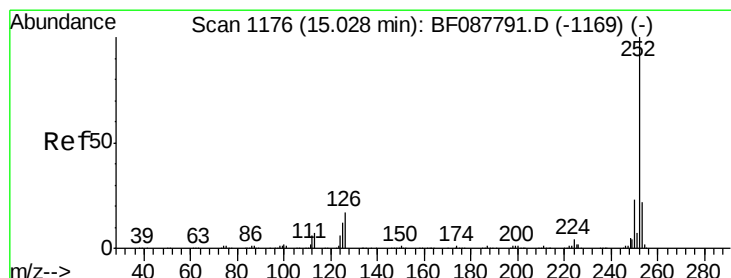
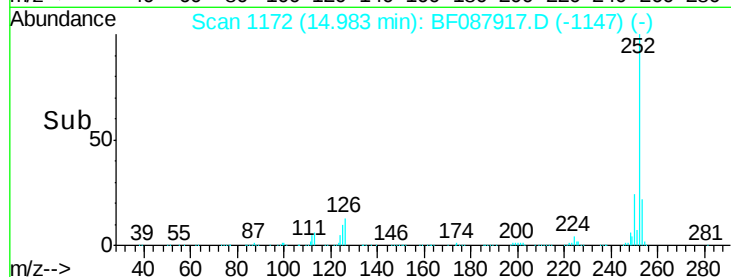
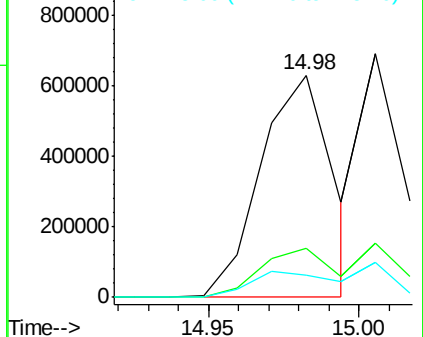
125 10.0 7.1 10.7

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



#88

Benzo(k)fluoranthene

Concen: 34.02 ng m

RT: 15.01 min Scan# 1174

Delta R.T. -0.02 min

Lab File: BF087917.D

Acq: 11 Jun 2016 22:30

Tgt Ion:252 Resp: 680462

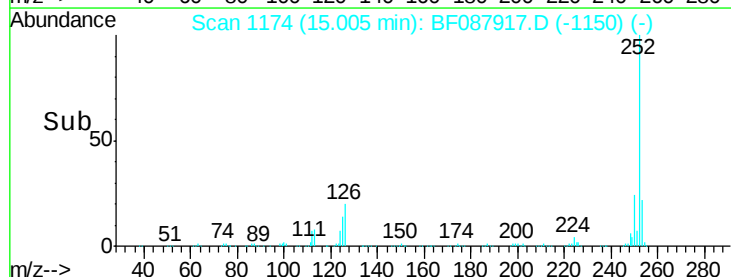
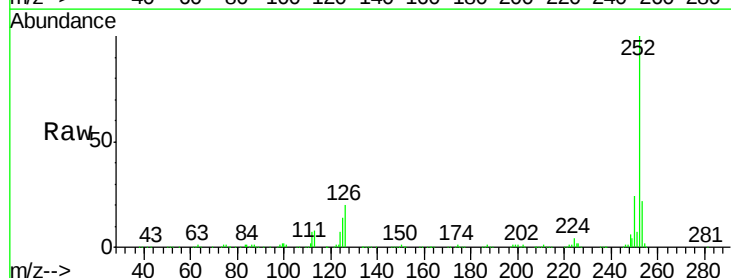
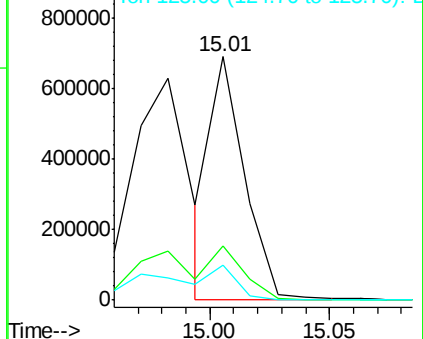
Ion Ratio Lower Upper

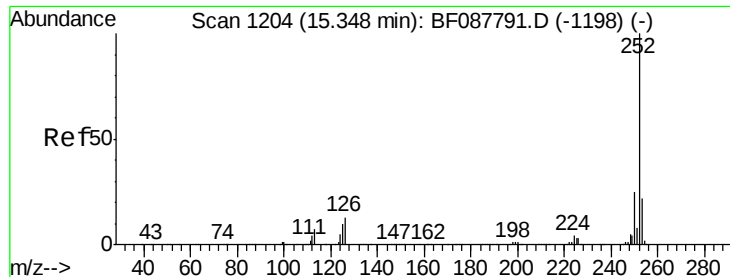
252 100

253 22.4 18.0 27.0

125 14.2 11.2 16.8

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





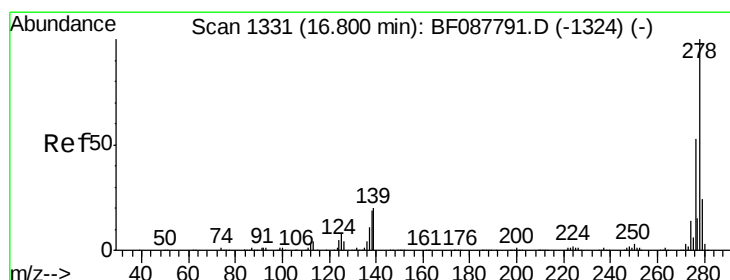
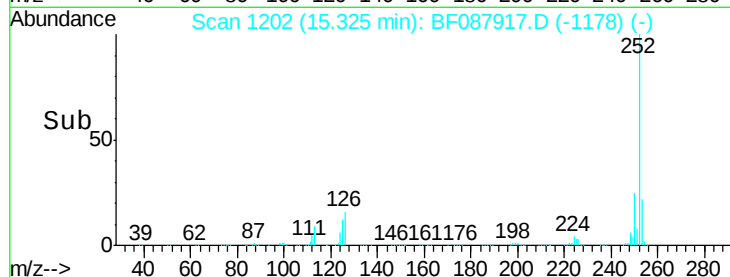
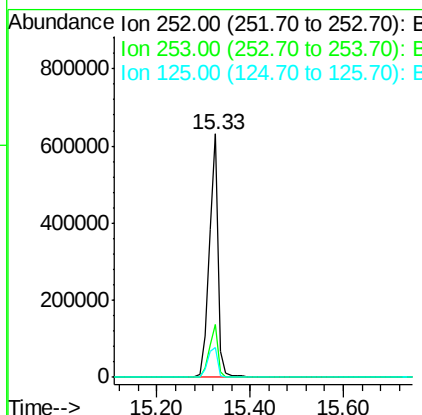
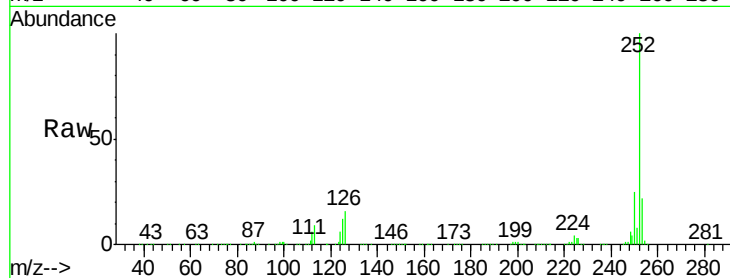
#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Instrument :
BNA_F
ClientSampleId :
SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.9	26.9
125	12.2	12.5	18.7

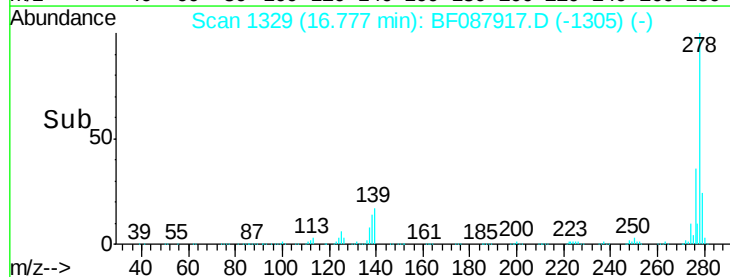
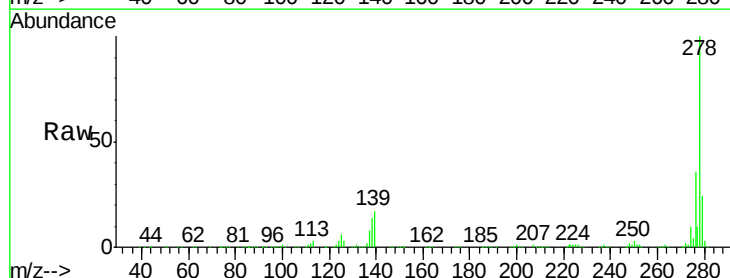
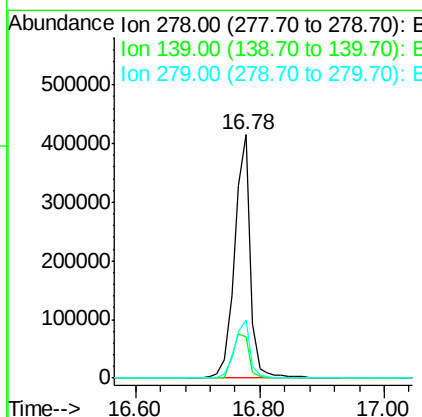
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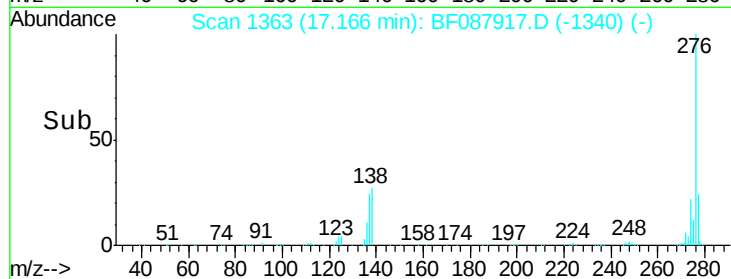
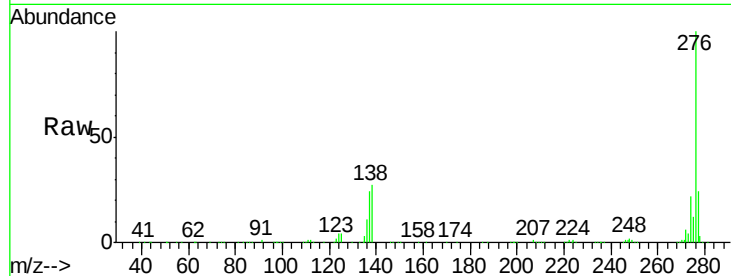
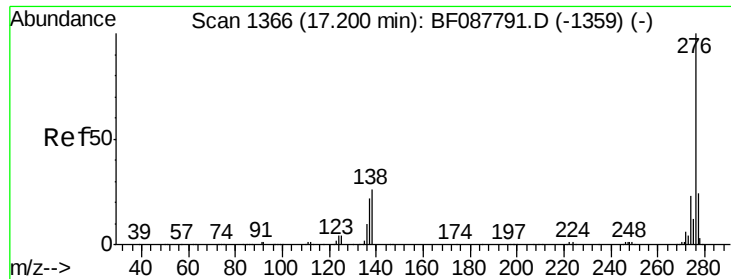
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#90
Dibenzo(a,h)anthracene
Concen: 36.73 ng
RT: 16.78 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF087917.D
Acq: 11 Jun 2016 22:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.0	15.7	23.5
279	23.7	19.4	29.2





#91
 Benzo(a,h,i)perylene
 Concen: 37.91 ng
 RT: 17.17 min Scan# 1363
 Delta R.T. -0.03 min
 Lab File: BF087917.D
 Acq: 11 Jun 2016 22:30

Instrument :
 BNA_F
 ClientSampleId :
 SP16-JMW0991MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.9	28.3
138	27.3	21.4	32.2

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