

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
 Data File : BF086104.D
 Acq On : 6 Apr 2016 18:09
 Operator : UM/SJ
 Sample : H2254-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Manual Integrations
 APPROVED

Sohil
 4/7/2016 9:04:11 AM

Quant Time: Apr 07 02:03:19 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	145266m	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	600586	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	254192	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	445000	20.00	ng	-0.03
75) Chrysene-d12	13.91	240	301870	20.00	ng	-0.02
86) Perylene-d12	15.30	264	320583	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	804634	94.68	ng	-0.02
7) Phenol-d6	6.40	99	1027359	95.17	ng	-0.02
23) Nitrobenzene-d5	7.32	82	713545	70.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.58	330	250985	105.20	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1008102	65.94	ng	-0.03
78) Terphenyl-d14	12.84	244	731786	56.98	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	118663	29.45	ng	98
3) Pyridine	3.00	79	334025	37.03	ng	99
4) n-Nitrosodimethylamine	2.96	42	146373	36.90	ng	100
6) Aniline	6.41	93	186942m	13.20	ng	
8) 2-Chlorophenol	6.53	128	336628	33.21	ng	98
9) Benzaldehyde	6.29	77	125112m	21.54	ng	
10) Phenol	6.41	94	368270	29.91	ng	84
11) bis(2-Chloroethyl)ether	6.49	93	322858	33.11	ng	99
12) 1,3-Dichlorobenzene	6.68	146	353463m	32.91	ng	
13) 1,4-Dichlorobenzene	6.76	146	361774m	32.69	ng	
14) 1,2-Dichlorobenzene	6.91	146	315454	30.97	ng	95
15) Benzyl Alcohol	6.90	79	239095	34.24	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	380342	31.93	ng	# 46
17) 2-Methylphenol	7.01	107	264853	33.14	ng	96
18) Hexachloroethane	7.25	117	129897	31.91	ng	94
19) n-Nitroso-di-n-propylamine	7.17	70	228332	34.13	ng	99
20) 3+4-Methylphenols	7.17	107	341919	35.18	ng	# 70
22) Acetophenone	7.16	105	445255	31.54	ng	# 91
24) Nitrobenzene	7.33	77	330909	29.70	ng	100
25) Isophorone	7.57	82	634423	31.56	ng	99
26) 2-Nitrophenol	7.65	139	186133	34.92	ng	97
27) 2,4-Dimethylphenol	7.70	122	302718	31.62	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	422557	35.82	ng	99
29) 2,4-Dichlorophenol	7.90	162	254819	31.48	ng	93
30) 1,2,4-Trichlorobenzene	7.97	180	277346	30.53	ng	99
31) Naphthalene	8.05	128	954109	31.58	ng	99
32) Benzoic acid	7.80	122	36999	5.27	ng	98
33) 4-Chloroaniline	8.11	127	79950	6.55	ng	# 94
34) Hexachlorobutadiene	8.17	225	142631	29.20	ng	99
35) Caprolactam	8.49	113	88647m	34.52	ng	
36) 4-Chloro-3-methylphenol	8.61	107	298585	32.81	ng	91
37) 2-Methylnaphthalene	8.74	142	597769	30.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	239044	31.29	ng	99
40) Hexachlorocyclopentadiene	8.90	237	116531	50.35	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	170421	34.74	nq	97
43) 2,4,5-Trichlorophenol	9.08	196	170246	34.18	nq	98
45) 1,1'-Biphenyl	9.21	154	675090	30.80	nq	98
46) 2-Chloronaphthalene	9.23	162	500076	31.47	nq	92
47) 2-Nitroaniline	9.33	65	153684	33.06	nq	86
48) Acenaphthylene	9.64	152	743332	29.21	nq	99
49) Dimethylphthalate	9.52	163	806059	42.78	nq	100
50) 2,6-Dinitrotoluene	9.58	165	148469	37.25	nq	# 69
51) Acenaphthene	9.81	154	461602	30.50	nq	100
52) 3-Nitroaniline	9.74	138	80584	16.77	nq	83
53) 2,4-Dinitrophenol	9.87	184	58777	32.32	nq	# 72
54) Dibenzofuran	9.98	168	677179	33.88	nq	96
55) 4-Nitrophenol	9.93	139	165959	58.60	nq	90
56) 2,4-Dinitrotoluene	9.98	165	149824	29.75	nq	# 33
57) Fluorene	10.33	166	504392	29.54	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	125134	33.74	nq	98
59) Diethylphthalate	10.21	149	627715	33.01	nq	100
60) 4-Chlorophenyl-phenylether	10.33	204	259099	32.57	nq	# 83
61) 4-Nitroaniline	10.36	138	117263	24.78	nq	88
62) Azobenzene	10.49	77	639473	35.11	nq	89
64) 4,6-Dinitro-2-methylphenol	10.40	198	67209	24.92	nq	96
65) n-Nitrosodiphenylamine	10.44	169	461966	33.19	nq	98
66) 4-Bromophenyl-phenylether	10.81	248	140192	30.86	nq	# 79
67) Hexachlorobenzene	10.88	284	140533	29.91	nq	# 72
68) Atrazine	10.98	200	157232	34.97	nq	99
69) Pentachlorophenol	11.08	266	144819	65.77	nq	98
70) Phenanthrene	11.29	178	860945	35.46	nq	100
71) Anthracene	11.34	178	843777	33.18	nq	99
72) Carbazole	11.50	167	676903	30.96	nq	98
73) Di-n-butylphthalate	11.82	149	797859	29.46	nq	99
74) Fluoranthene	12.48	202	837000	33.15	nq	95
76) Benzidine	12.60	184	287898	27.03	nq	98
77) Pyrene	12.71	202	816147	38.37	nq	99
79) Butylbenzylphthalate	13.32	149	308514	32.21	nq	# 85
80) Benzo(a)anthracene	13.89	228	615747	34.60	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	98120	7.55	nq	# 95
82) Chrysene	13.93	228	579343	33.80	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	412334	32.43	nq	# 97
84) Di-n-octyl phthalate	14.49	149	694450	34.21	nq	99
85) Indeno(1,2,3-cd)pyrene	16.65	276	643699	46.29	nq	99
87) Benzo(b)fluoranthene	14.91	252	687204m	34.08	nq	
88) Benzo(k)fluoranthene	14.93	252	502262m	28.12	nq	
89) Benzo(a)pyrene	15.24	252	592911	33.18	nq	97
90) Dibenzo(a,h)anthracene	16.66	278	524382	36.48	nq	99
91) Benzo(g,h,i)perylene	17.05	276	534213	38.40	nq	99

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

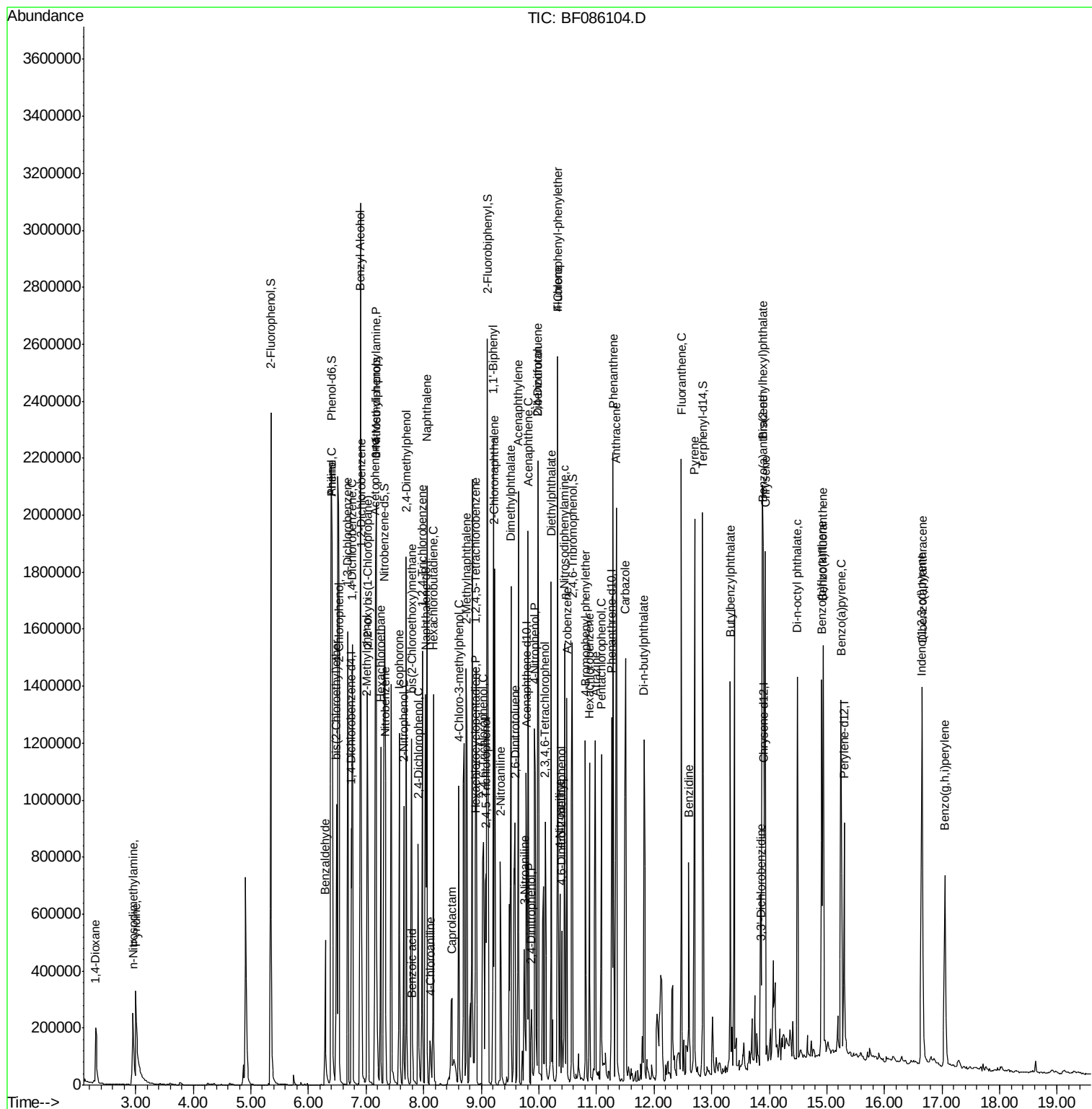
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ALS Vial  : 15 Sample Multiplier: 1
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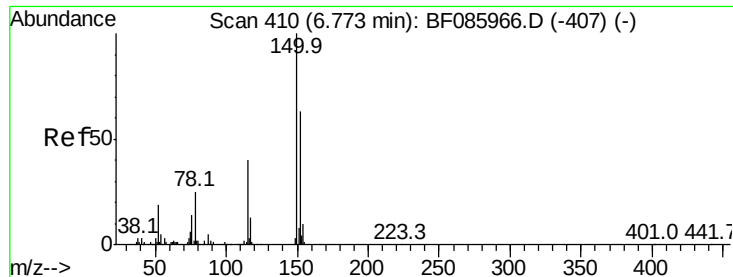
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng/mL

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

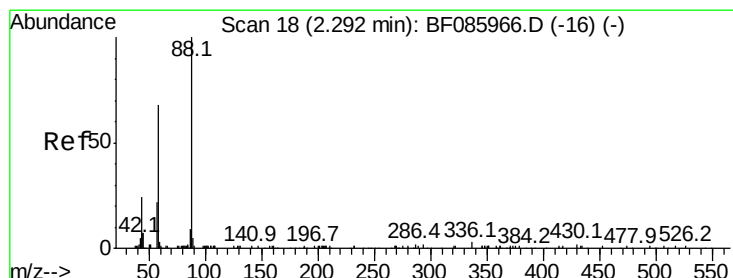
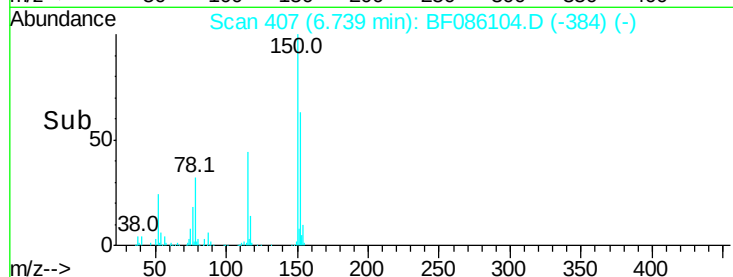
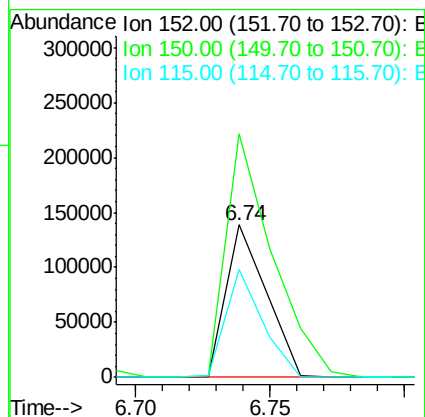
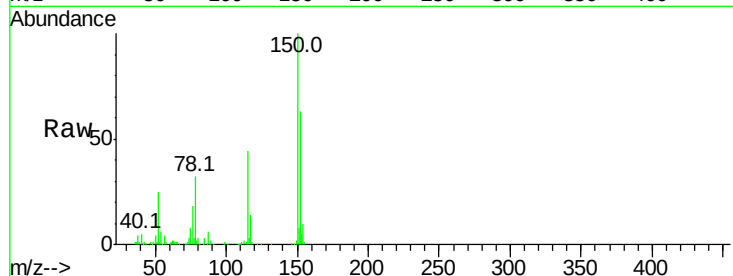
ClientSampled :

SP-14MSD

Manual Integrations
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Tot Ion:	152	Resp:	145266
Ion Ratio	Lower	Upper	
152	100		
150	159.9	124.2	186.2
115	71.1	47.0	70.6



#2

1,4-Dioxane

Concen: 29.45 ng

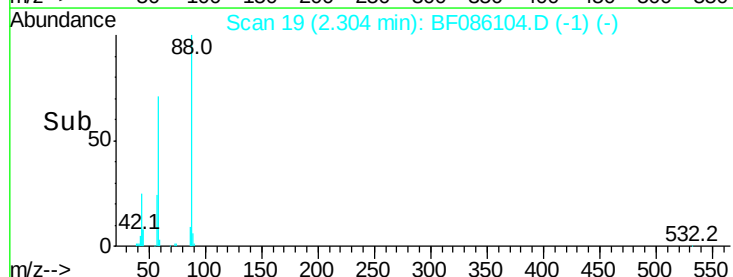
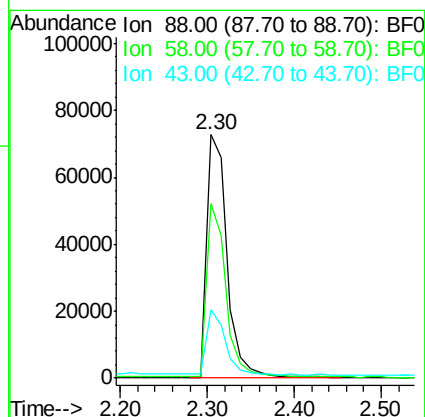
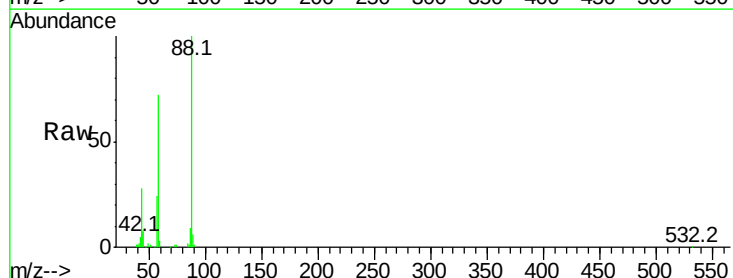
RT: 2.30 min Scan# 19

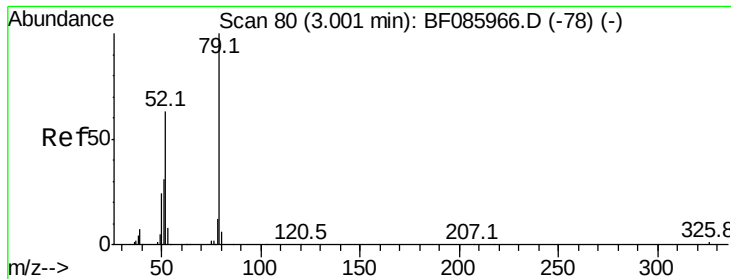
Delta R.T. 0.01 min

Lab File: BF086104.D

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Tgt Ion:	88	Resp:	118663
Ion Ratio	Lower	Upper	
88	100		
58	69.6	54.2	81.2
43	24.2	19.3	28.9





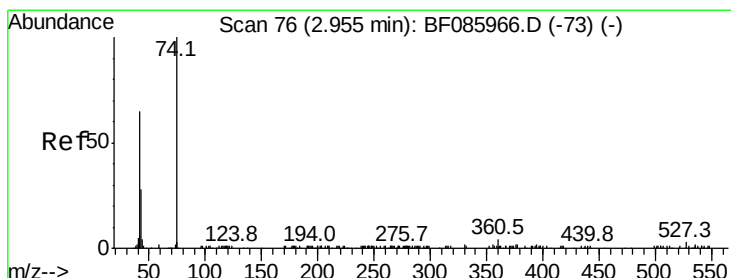
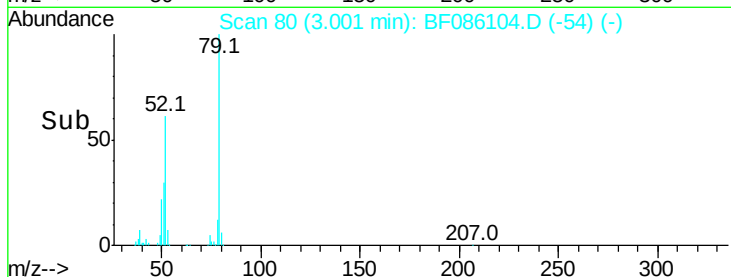
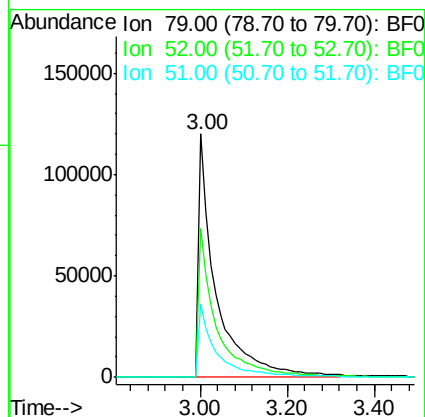
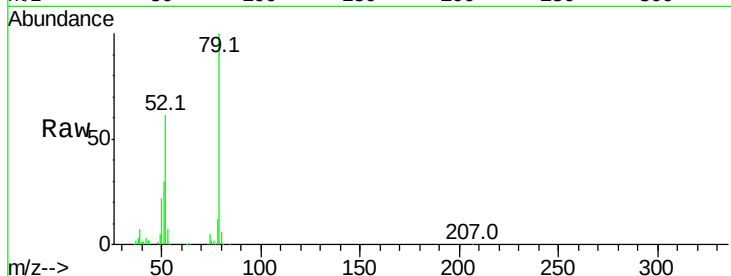
#3
Pvridine
Concen: 37.03 ng
RT: 3.00 min Scan# 80
Delta R.T. 0.00 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
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ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Lower	Upper
79	100		
52	61.2	49.8	74.6
51	30.4	24.7	37.1

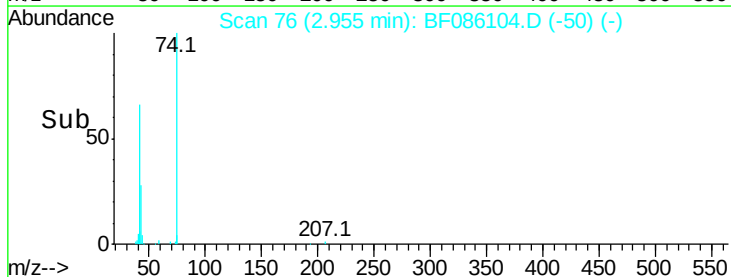
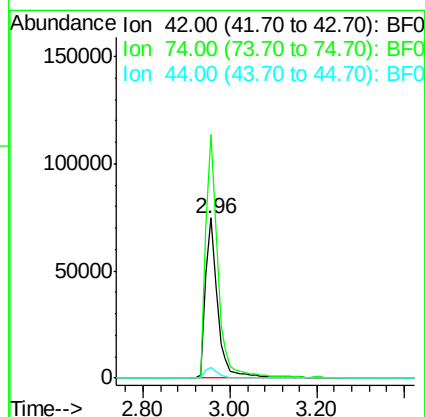
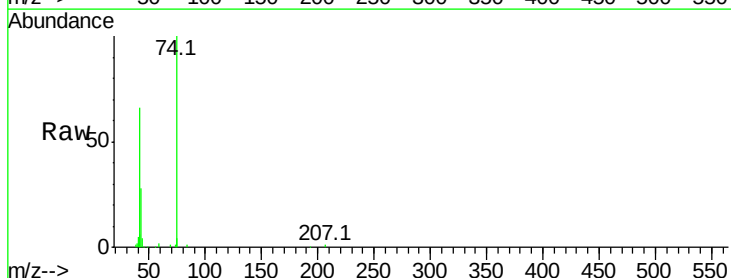
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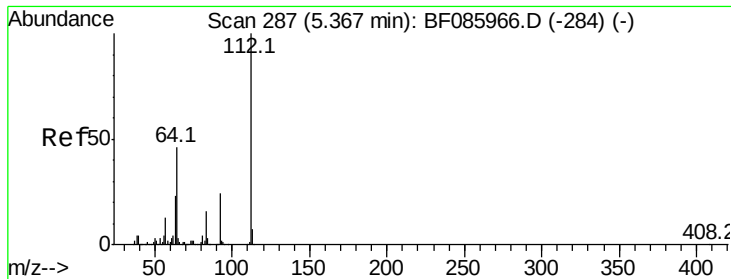
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#4
n-Nitrosodimethylamine
Concen: 36.90 ng
RT: 2.96 min Scan# 76
Delta R.T. 0.00 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
42	100		
74	152.3	121.4	182.2
44	6.6	5.6	8.4





#5

2-Fluorophenol

Concen: 94.68 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

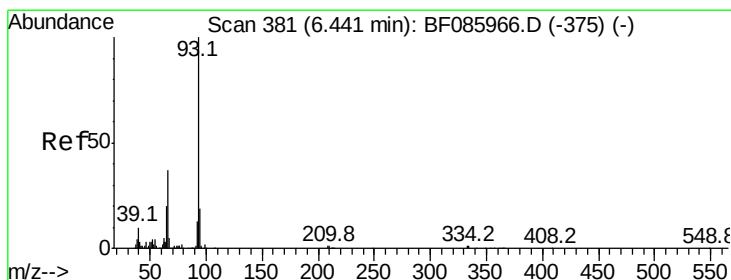
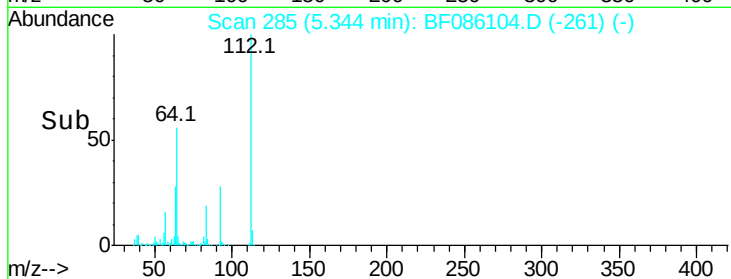
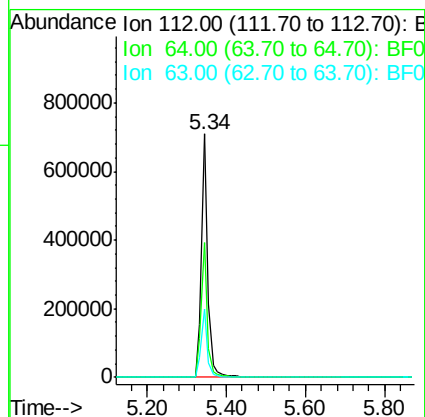
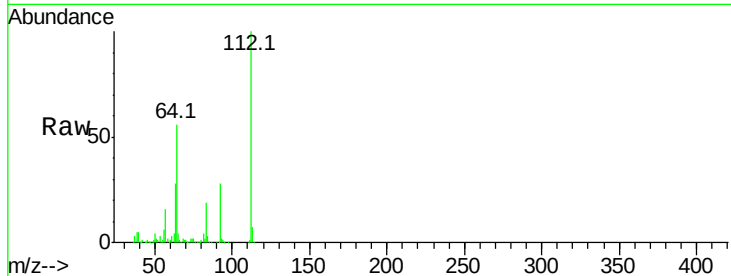
ClientSampleId :

SP-14MSD

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Tot Ion	Ratio	Resp	Lower	Upper
112	100	804634		
64	55.6	39.9	59.9	
63	28.1	20.2	30.2	



#6

Aniline

Concen: 13.20 ng m

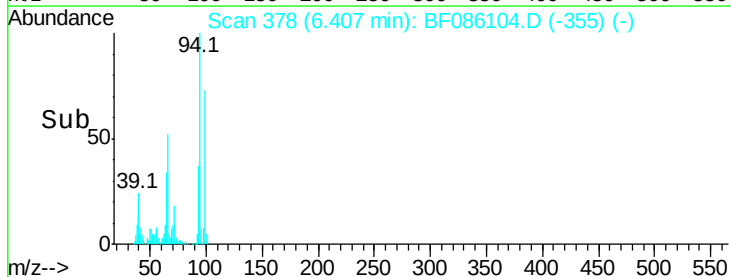
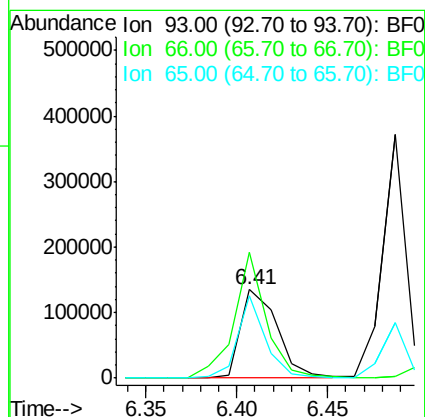
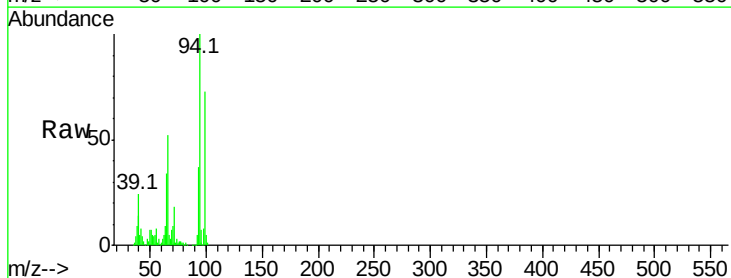
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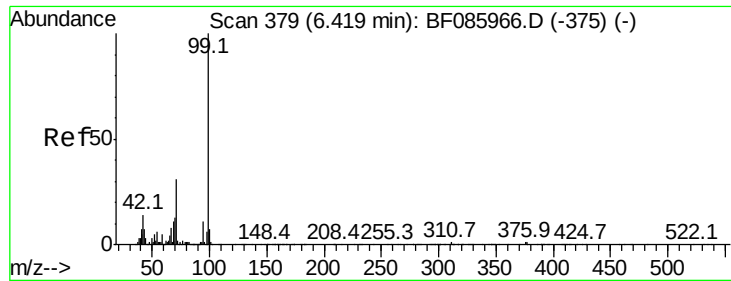
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	186942		
66	141.9	31.4	47.2#	
65	93.5	15.7	23.5#	





#7

Phenol-d6

Concen: 95.17 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

ClientSampled :

SP-14MSD

Tot Ion: 99 Resp: 1027359

Ion Ratio Lower Upper

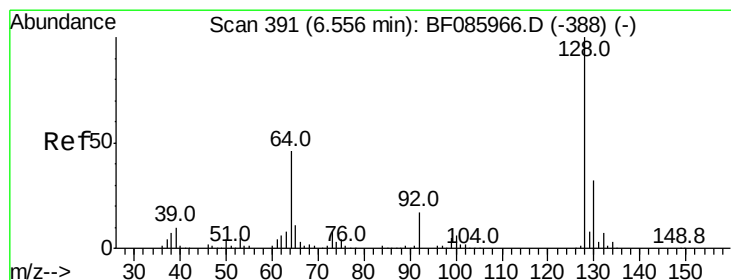
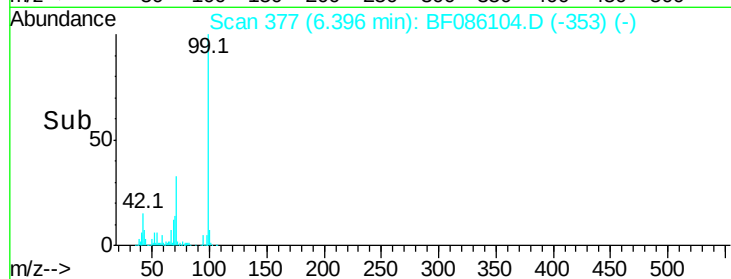
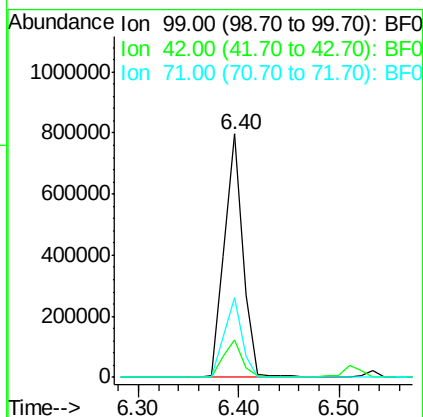
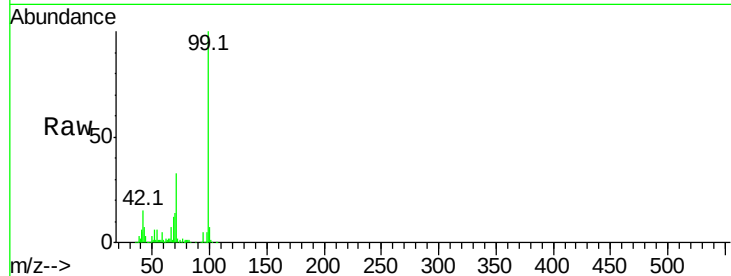
99 100

42 15.2 11.1 16.7

71 32.8 24.9 37.3

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#8

2-Chlorophenol

Concen: 33.21 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

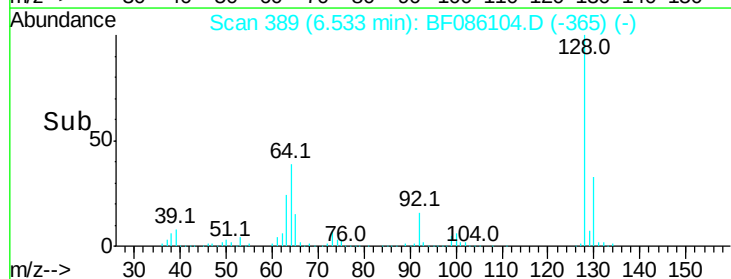
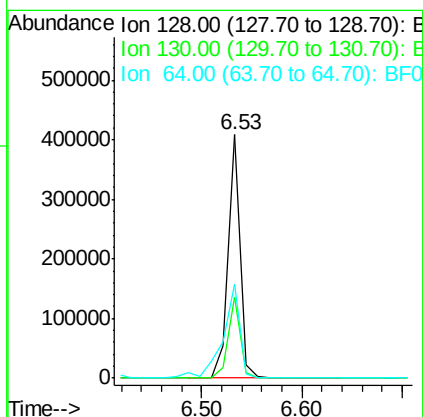
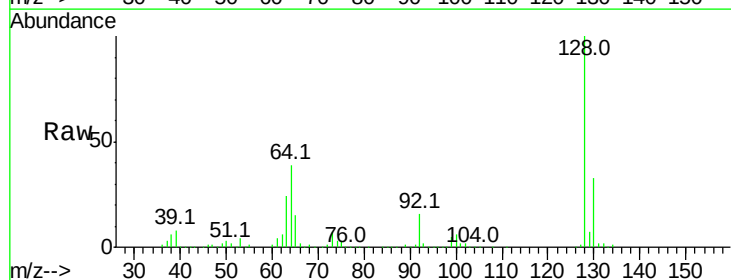
Tgt Ion: 128 Resp: 336628

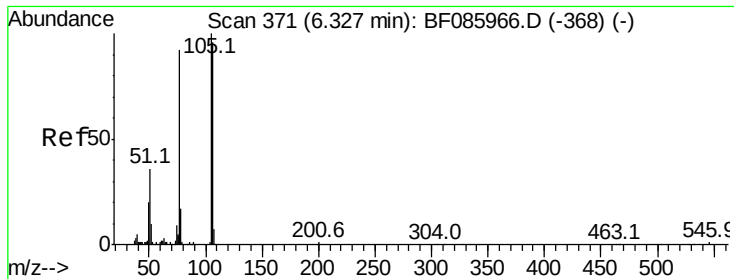
Ion Ratio Lower Upper

128 100

130 33.4 12.9 52.9

64 38.8 20.2 60.2





#9

Benzaldehyde

Concen: 21.54 ng/ml

RT: 6.29 min Scan# 368

Delta R.T. -0.03 min

Lab File: BF086104.D

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Instrument :

BNA_F

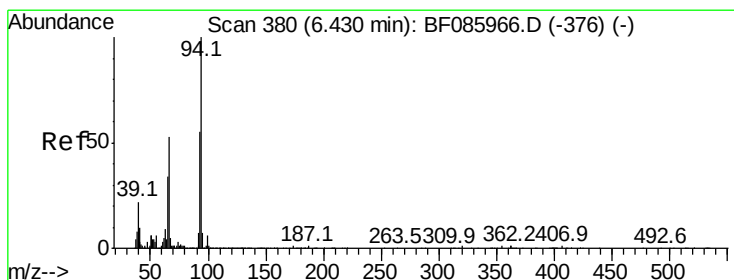
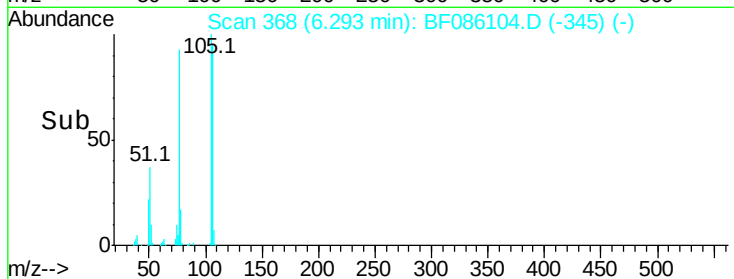
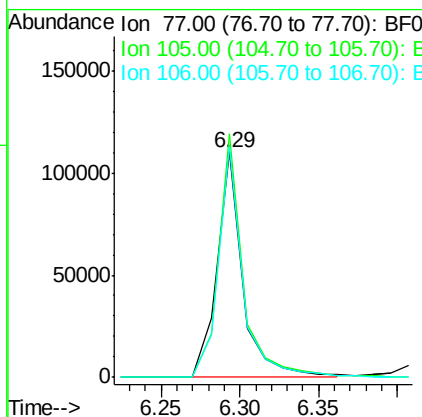
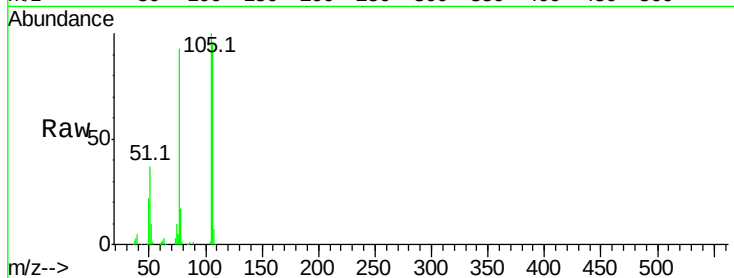
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Tot Ion:	77	Resp:	125112
Ion	Ratio	Lower	Upper
77	100		
105	108.0	80.1	120.1
106	102.2	75.0	115.0



#10

Phenol

Concen: 29.91 ng/ml

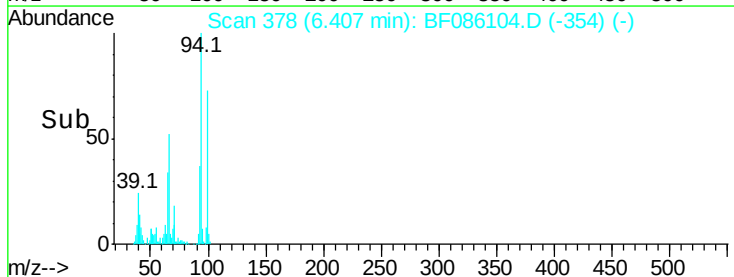
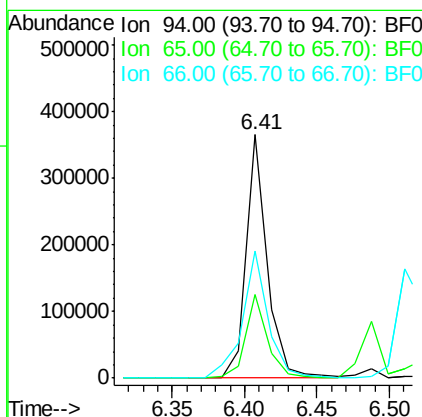
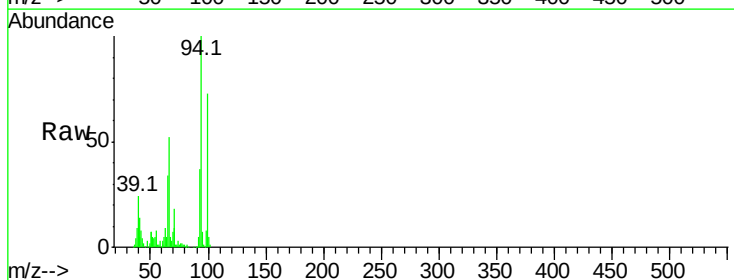
RT: 6.41 min Scan# 378

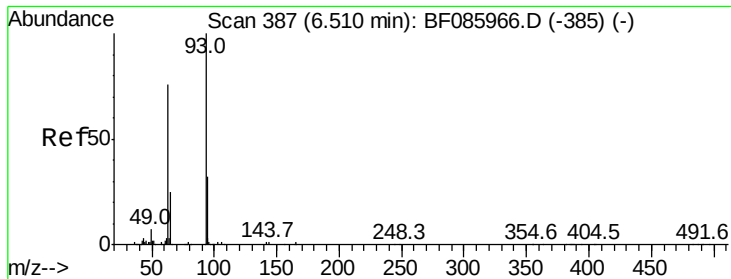
Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	94	Resp:	368270
Ion	Ratio	Lower	Upper
94	100		
65	34.5	8.6	48.6
66	52.4	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 33.11 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

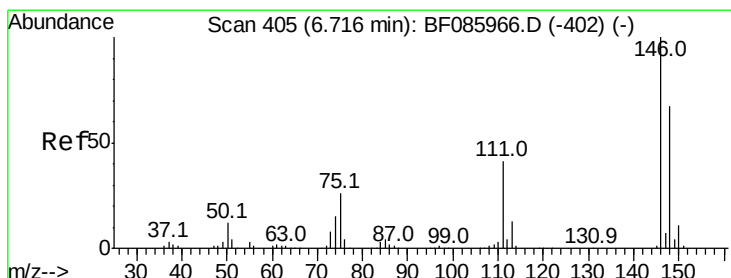
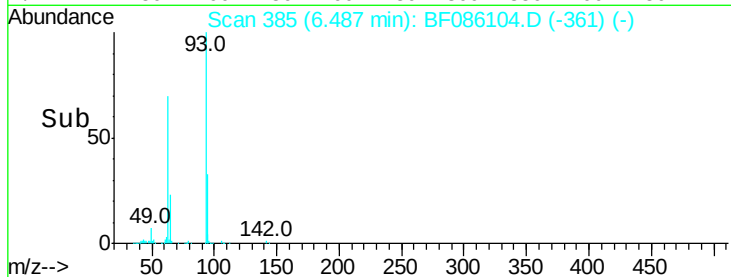
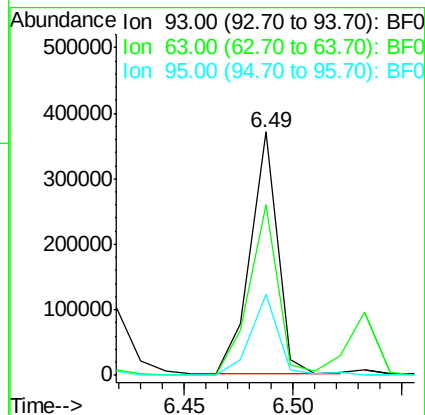
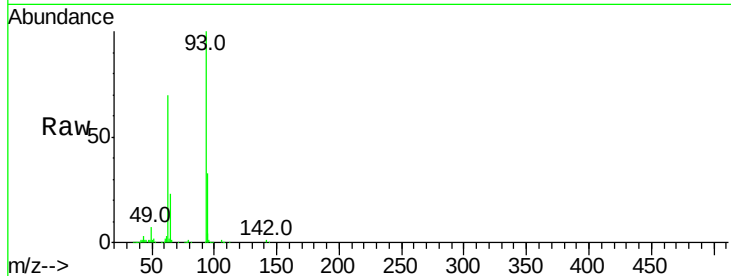
ClientSampleId :

SP-14MSD

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Tot Ion	Ratio	Lower	Upper
93	100		
63	70.3	50.9	90.9
95	33.2	13.3	53.3



#12

1,3-Dichlorobenzene

Concen: 32.91 ng m

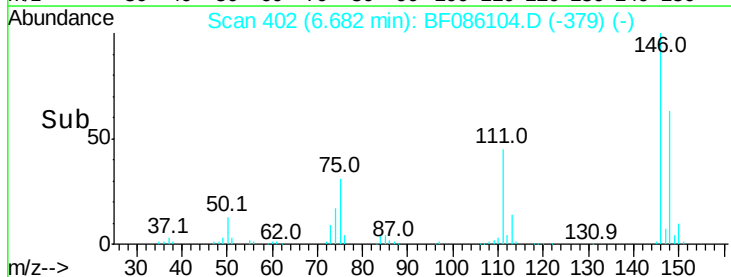
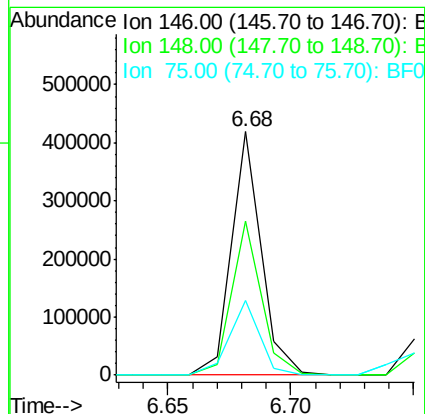
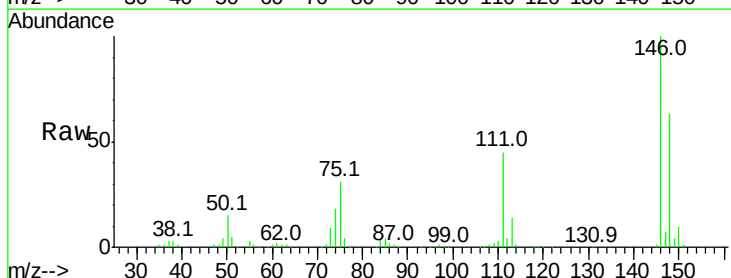
RT: 6.68 min Scan# 402

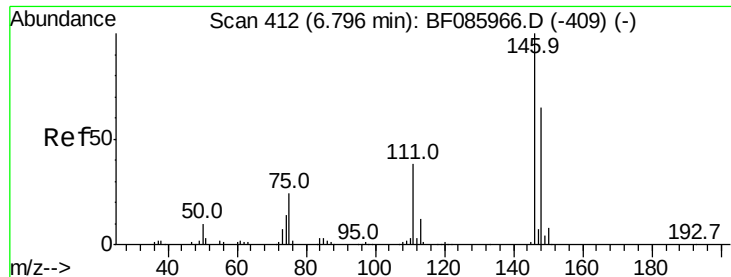
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	52.3	78.5
75	30.8	17.4	26.2





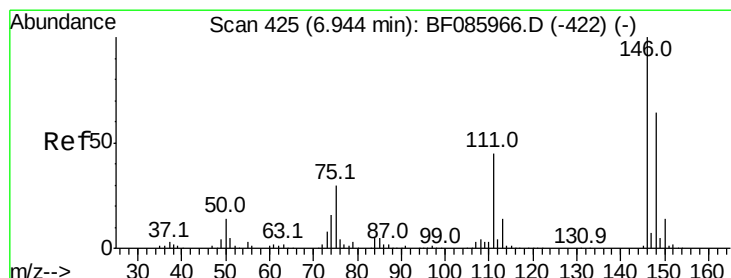
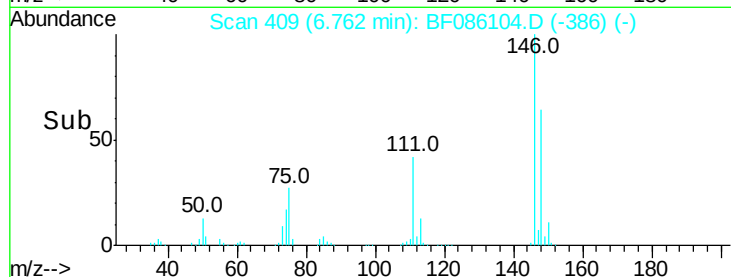
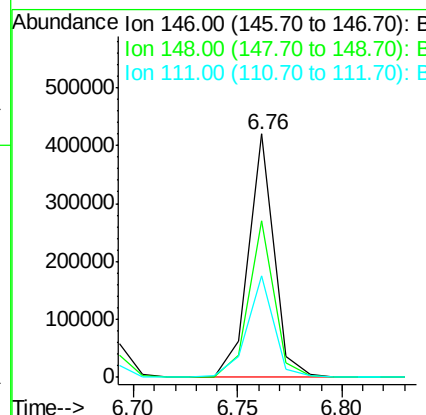
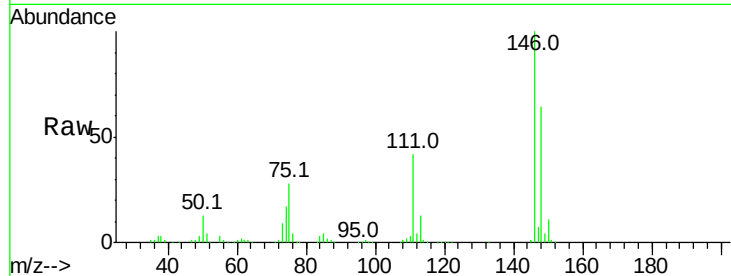
#13
 1,4-Dichlorobenzene
 Concen: 32.69 ng/mL
 RT: 6.76 min Scan# 409
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleID :
 SP-14MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
111	41.9	37.8	56.6

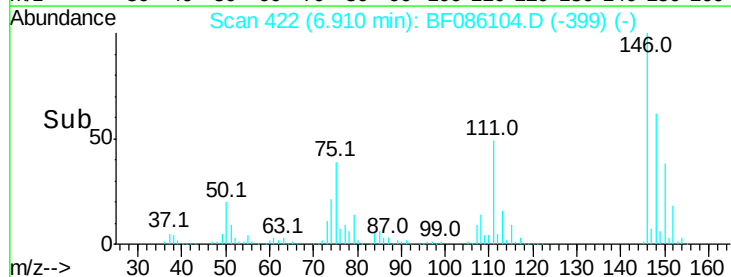
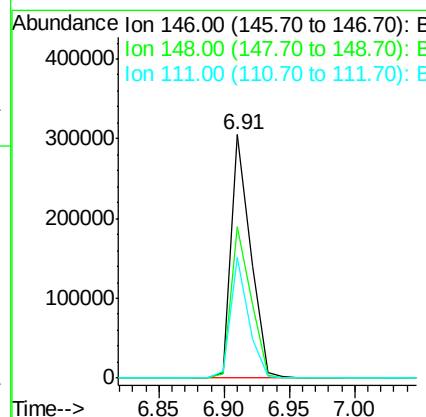
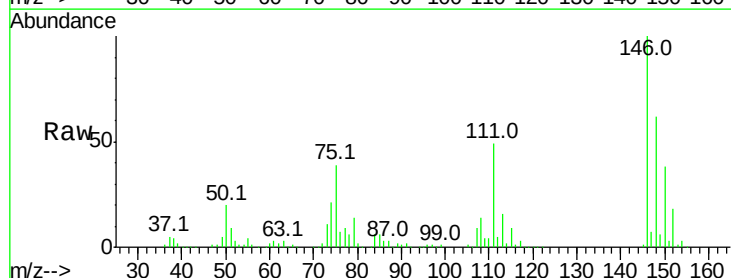
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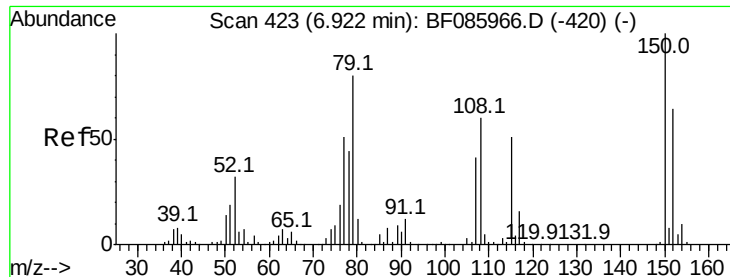
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#14
 1,2-Dichlorobenzene
 Concen: 30.97 ng/mL
 RT: 6.91 min Scan# 422
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.2
111	49.5	34.6	52.0





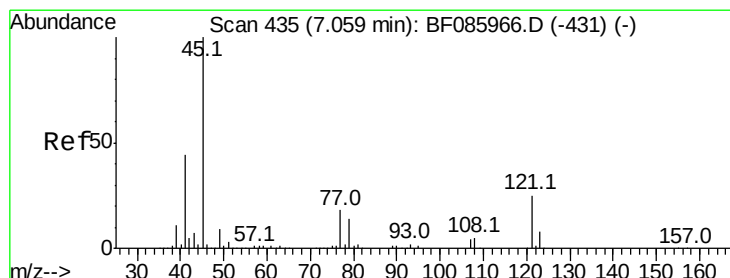
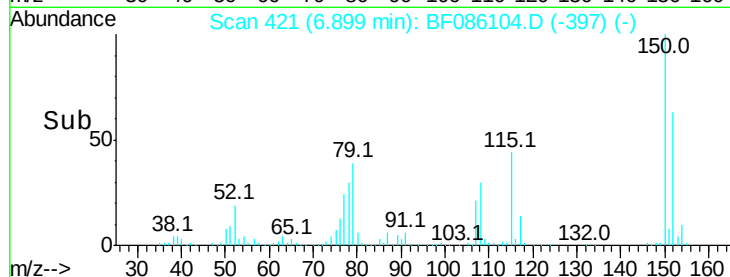
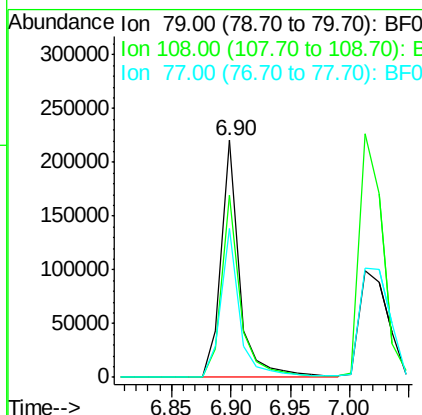
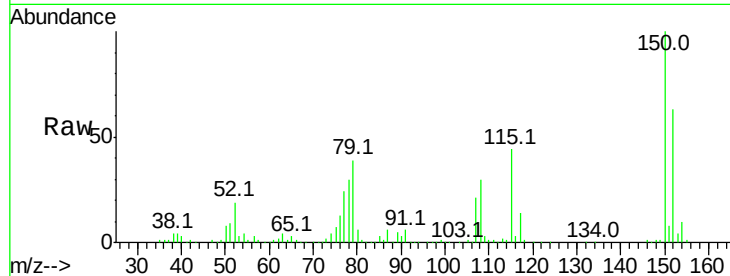
#15
Benzyl Alcohol
Concen: 34.24 ng
RT: 6.90 min Scan# 421
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampled :
SP-14MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	76.9	61.8	92.6
77	62.7	49.6	74.4

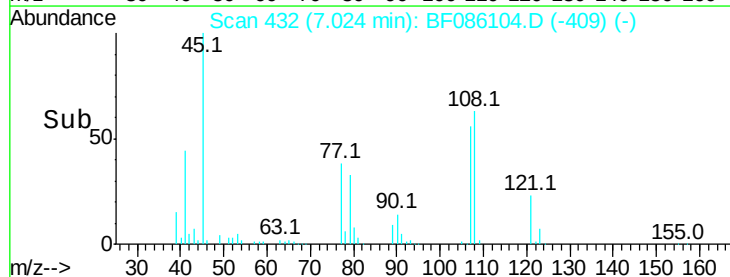
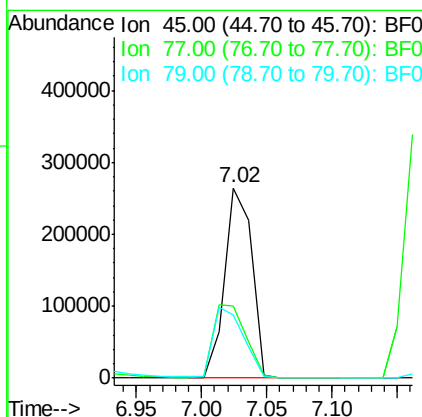
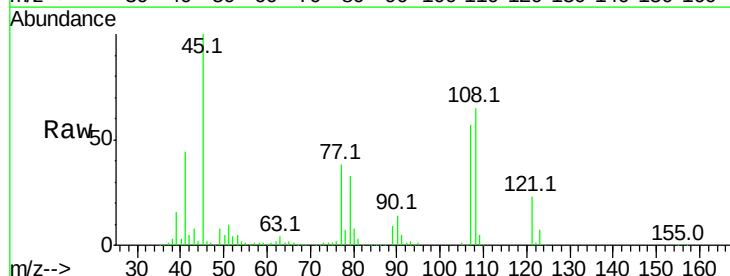
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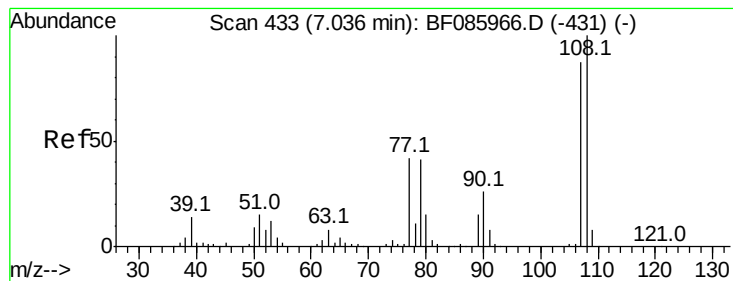
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.93 ng
RT: 7.02 min Scan# 432
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
45	100		
77	38.2	0.0	35.7#
79	33.5	0.0	32.2#





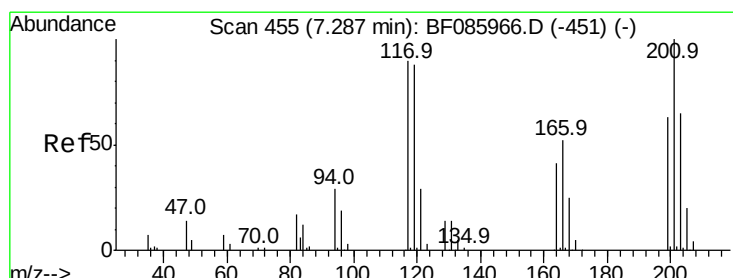
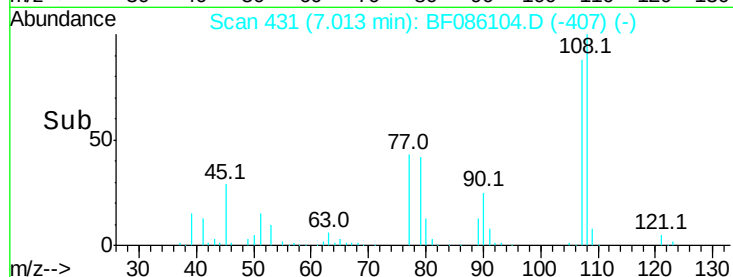
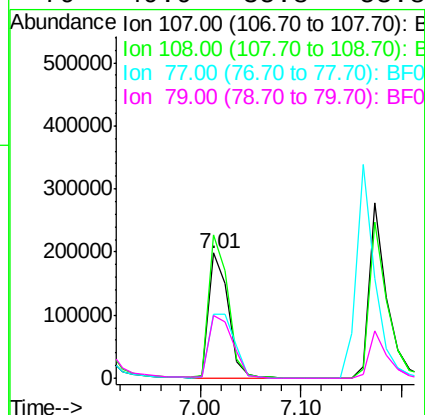
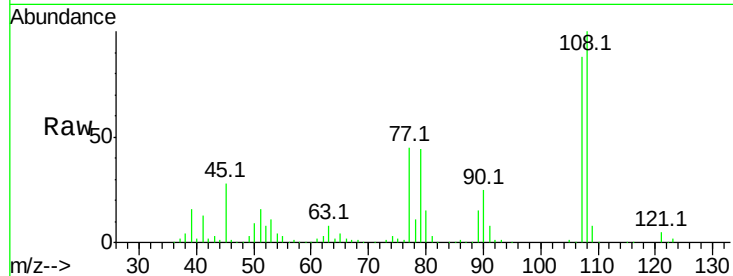
#17
2-Methylphenol
Concen: 33.14 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampled :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	264853		
108	114.2	91.4	137.0	
77	51.4	36.2	54.2	
79	49.9	35.8	53.8	

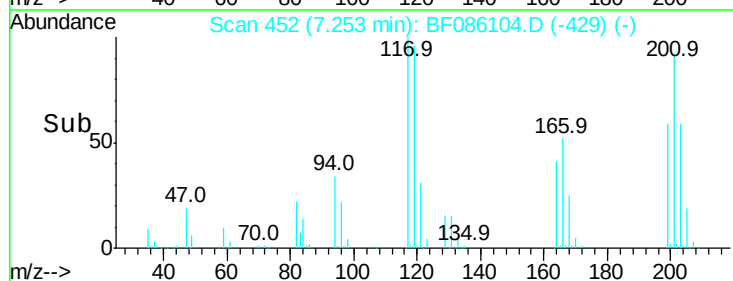
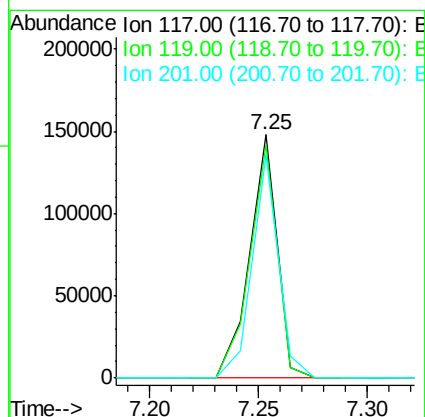
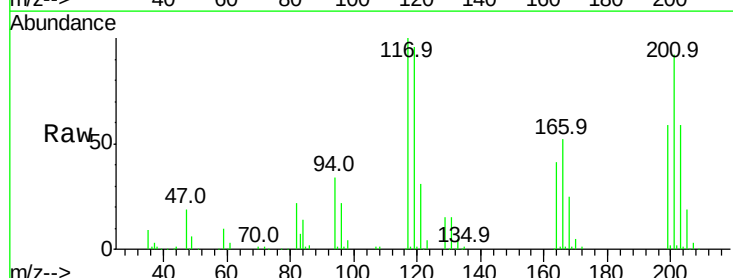
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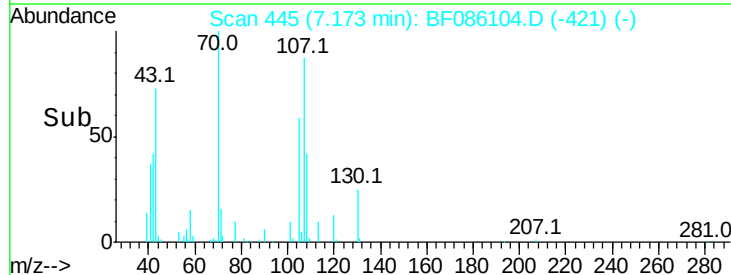
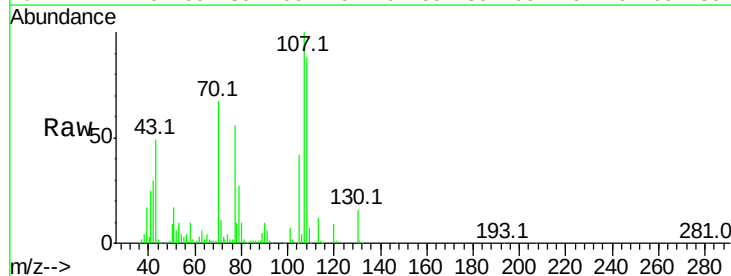
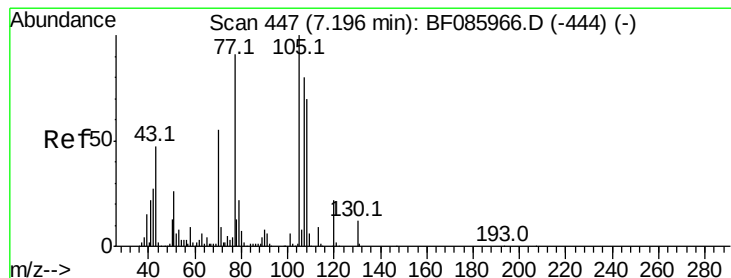
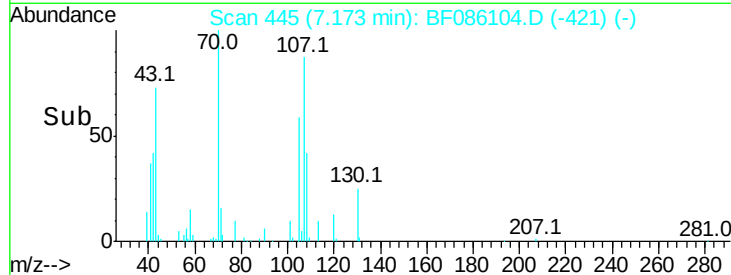
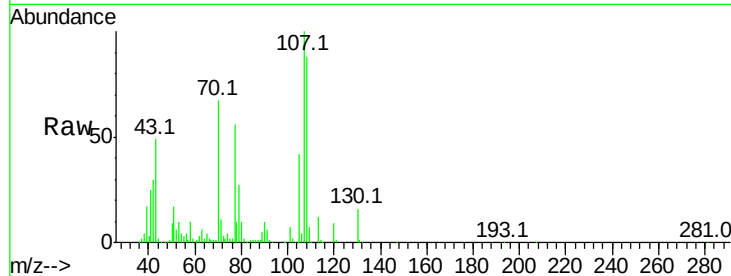
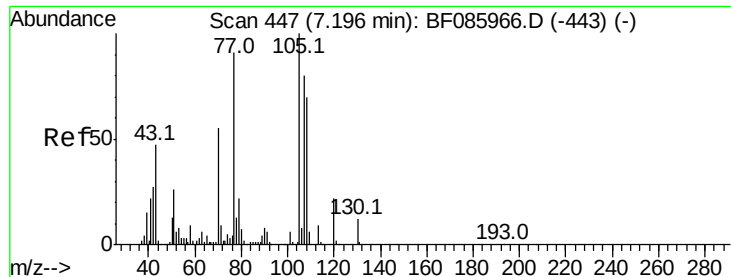
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#18
Hexachloroethane
Concen: 31.91 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	129897		
119	95.8	76.7	115.1	
201	91.6	83.3	124.9	





#19

n-Nitroso-di-n-propylamine

Concen: 34.13 ng

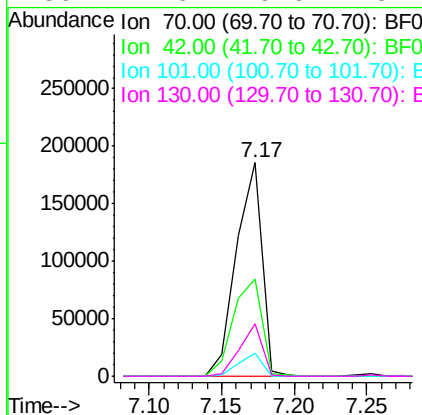
RT: 7.17 min Scan# 445

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	45.3	37.1	55.7		
101	10.9	8.6	12.8		
130	24.6	19.6	29.4		



Instrument :
BNA_F
ClientSampled :
SP-14MSD

Manual Integrations
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#20

3+4-Methylphenols

Concen: 35.18 ng

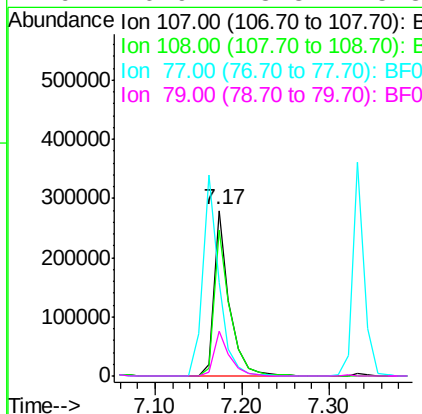
RT: 7.17 min Scan# 445

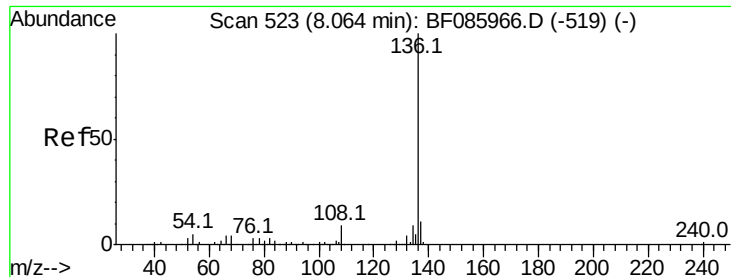
Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	88.5	69.3	109.3		
77	56.4	101.7	141.7#		
79	26.9	8.3	48.3		





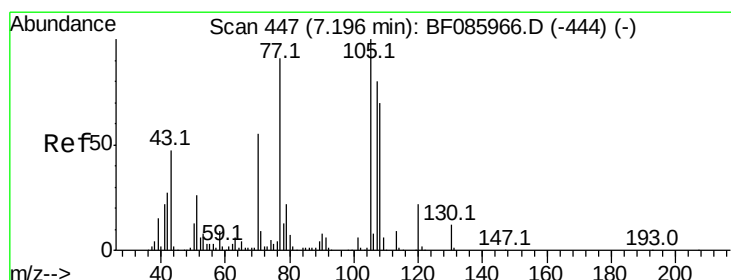
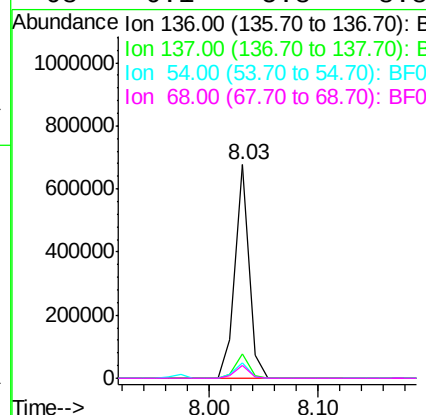
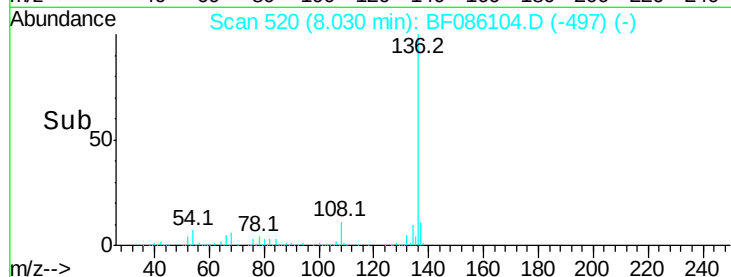
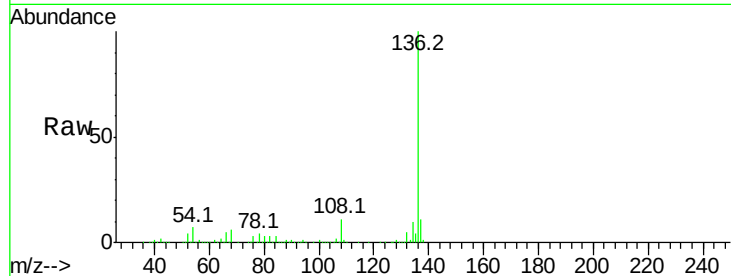
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	9.1	13.7	
54	7.1	7.4	11.0	
68	6.1	5.8	8.8	

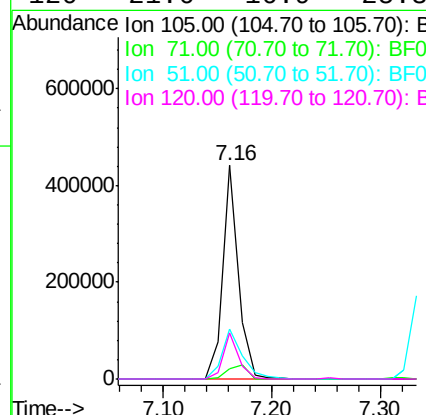
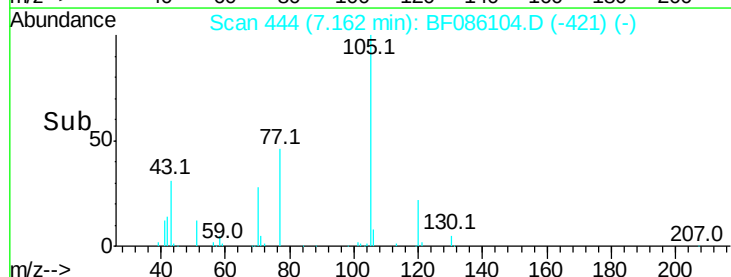
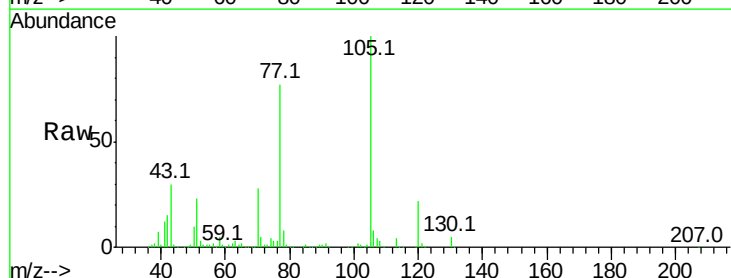
Manual Integrations
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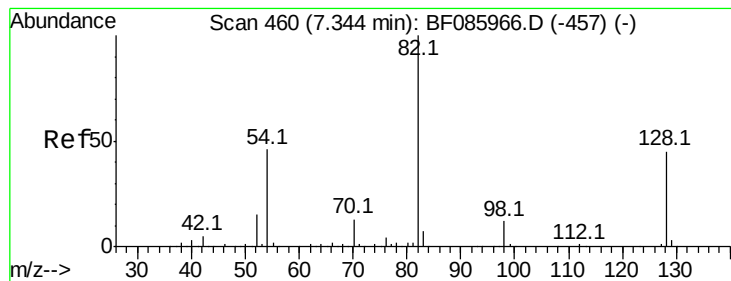
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#22
Acetophenone
Concen: 31.54 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	3.6	5.4	
51	23.3	25.4	38.0	
120	21.6	16.9	25.3	





#23

Nitrobenzene-d5

Concen: 70.06 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

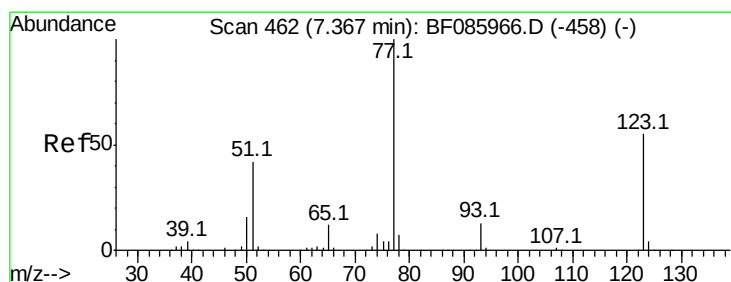
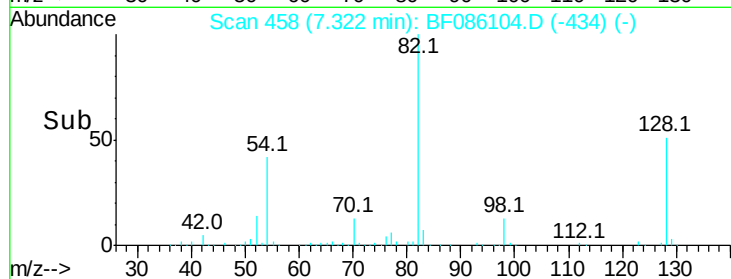
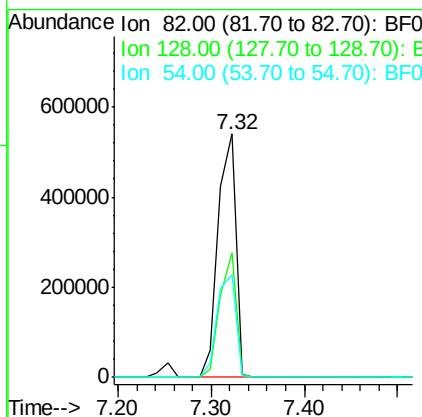
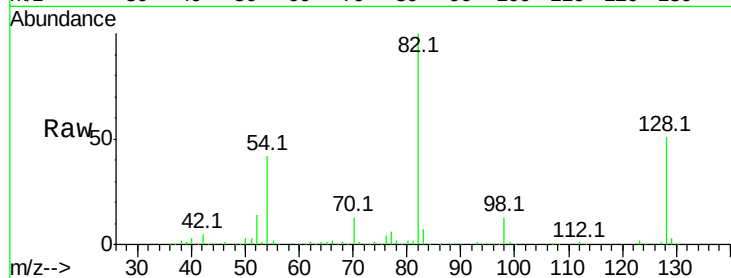
ClientSampleId :

SP-14MSD

Tot Ion:	82	Resp:	713545
Ion Ratio	Lower	Upper	
82	100		
128	51.1	41.8	62.8
54	42.2	33.4	50.0

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#24

Nitrobenzene

Concen: 29.70 ng

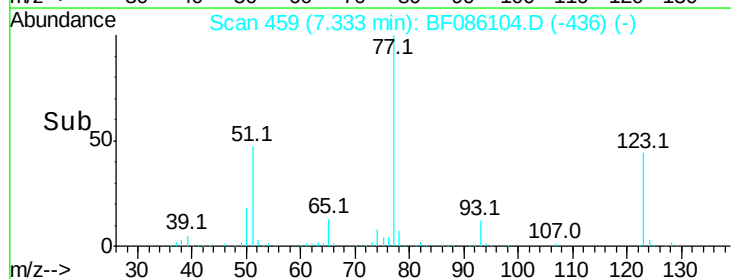
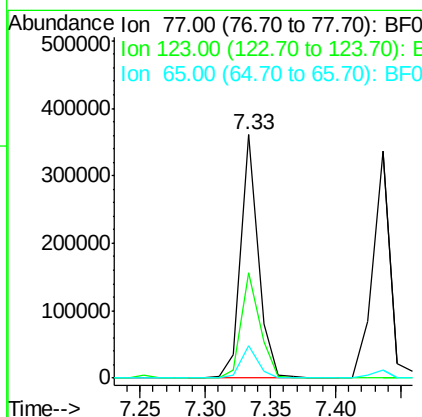
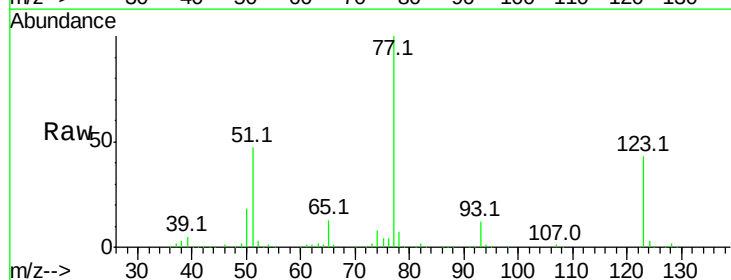
RT: 7.33 min Scan# 459

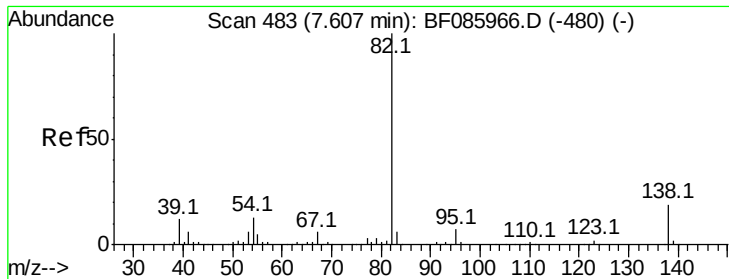
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	77	Resp:	330909
Ion Ratio	Lower	Upper	
77	100		
123	43.4	35.0	52.4
65	13.1	10.6	16.0





#25

Isophorone

Concen: 31.56 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

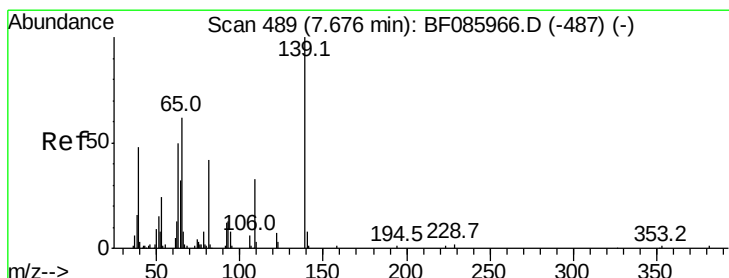
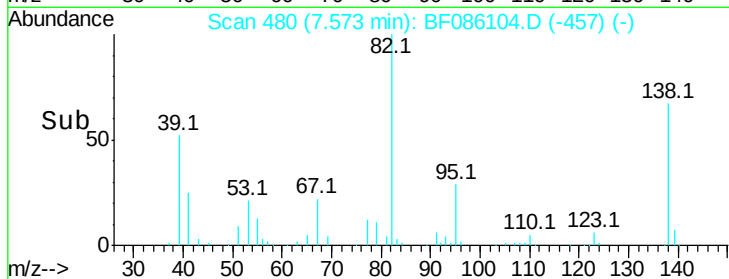
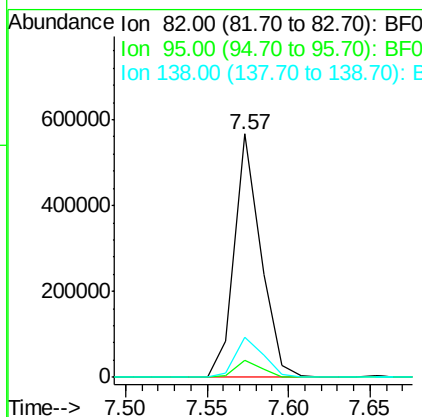
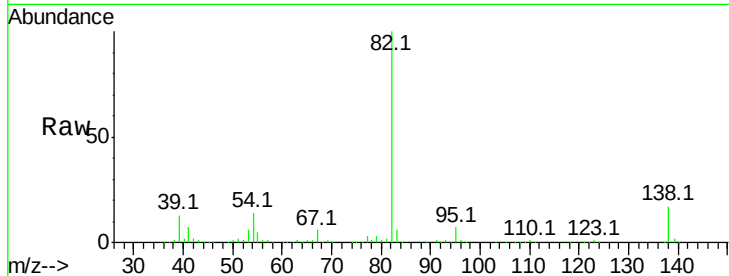
ClientSampleId :

SP-14MSD

Tot Ion:	82	Resp:	634423
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	16.7	12.9	19.3

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#26

2-Nitrophenol

Concen: 34.92 ng

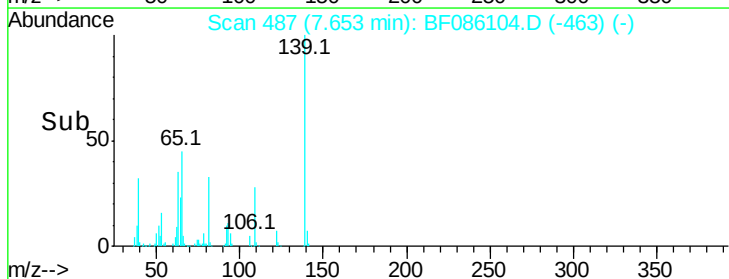
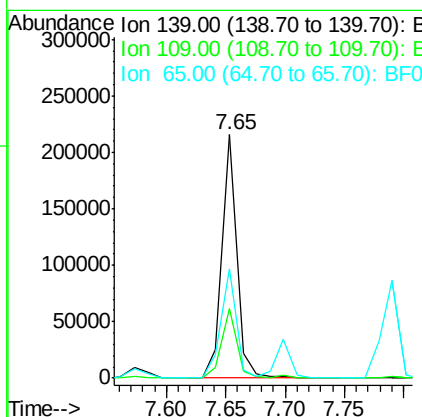
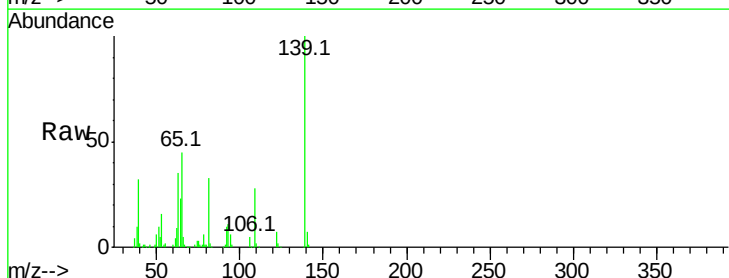
RT: 7.65 min Scan# 487

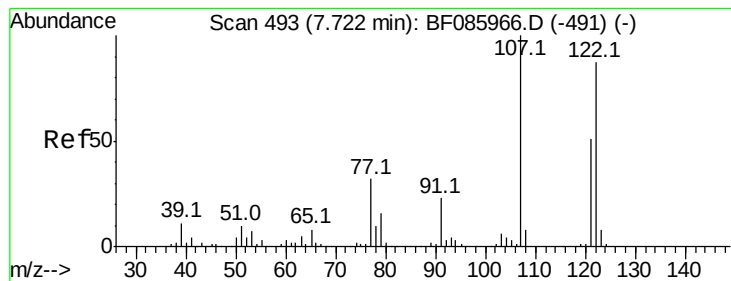
Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	139	Resp:	186133
Ion Ratio	Lower	Upper	
139	100		
109	28.5	22.1	33.1
65	45.0	33.9	50.9





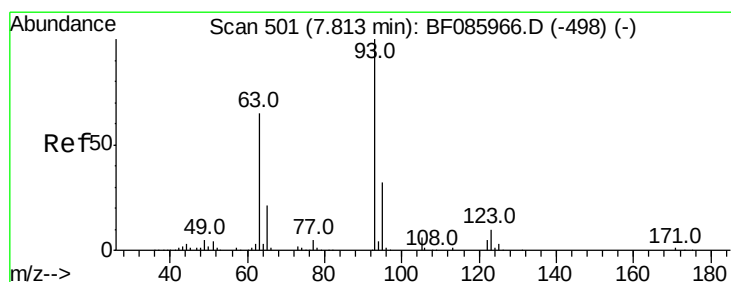
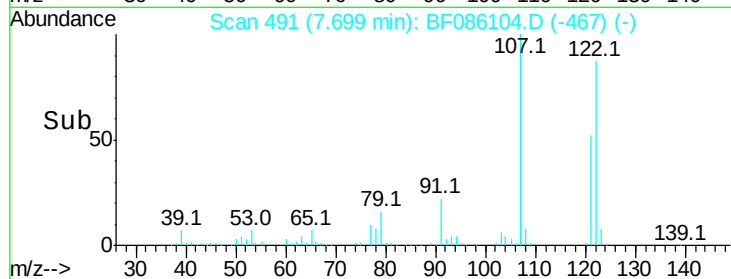
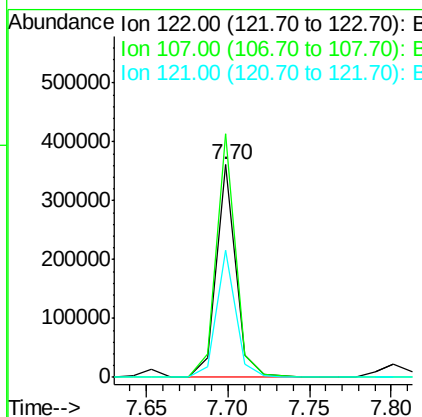
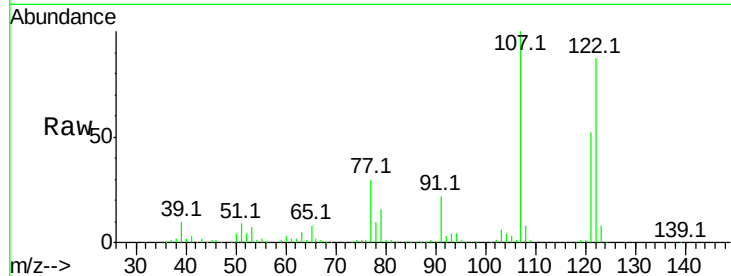
#27
 2,4-Dimethylphenol
 Concen: 31.62 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampled :
 SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	302718		
107	114.5	93.0	139.6	
121	59.7	45.9	68.9	

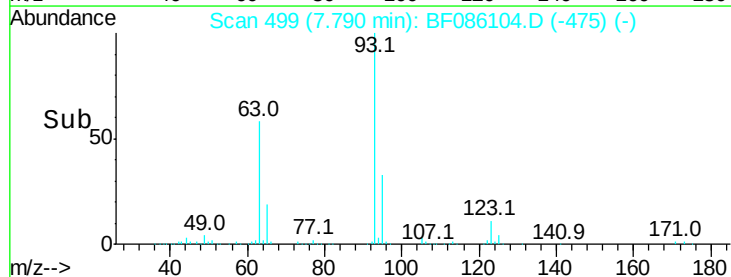
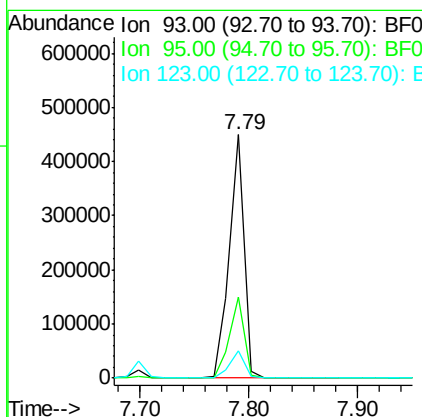
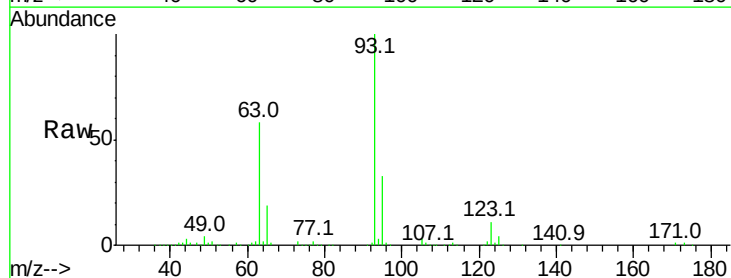
Manual Integrations
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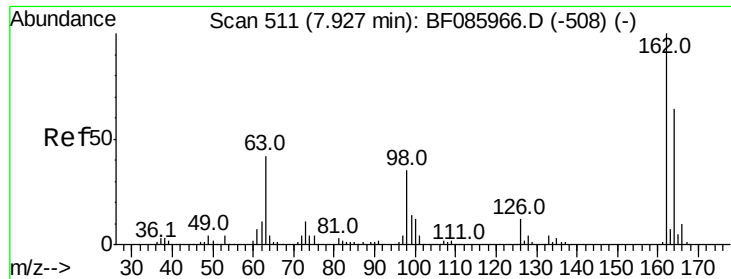
Sohil
 4/7/2016 9:04:11 AM



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.82 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	422557		
95	33.1	26.4	39.6	
123	11.4	9.8	14.6	





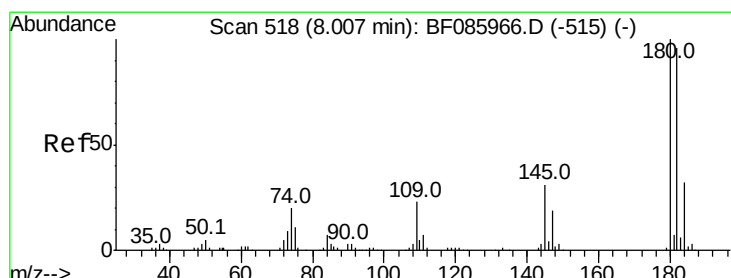
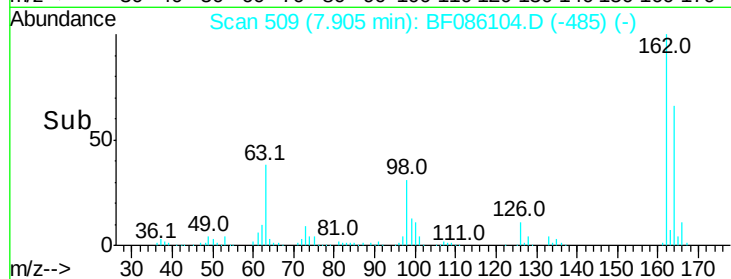
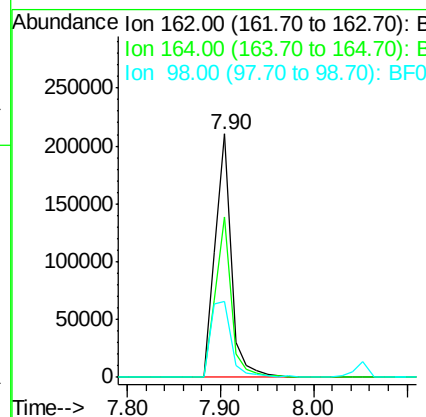
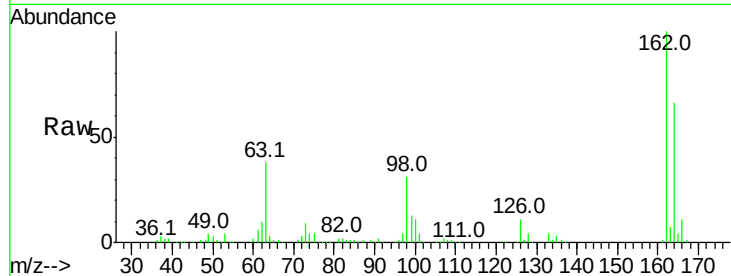
#29
 2,4-Dichlorophenol
 Concen: 31.48 ng
 RT: 7.90 min Scan# 509
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Tot Ion:	162	Resp:	254819
Ion Ratio	Lower	Upper	
162	100		
164	66.0	43.7	83.7
98	31.5	20.4	60.4

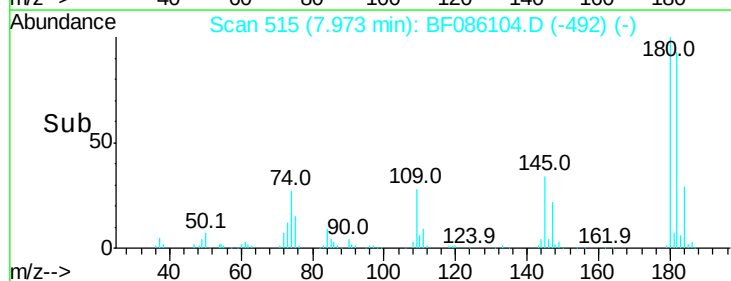
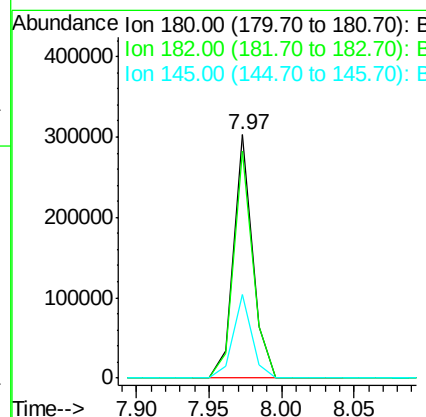
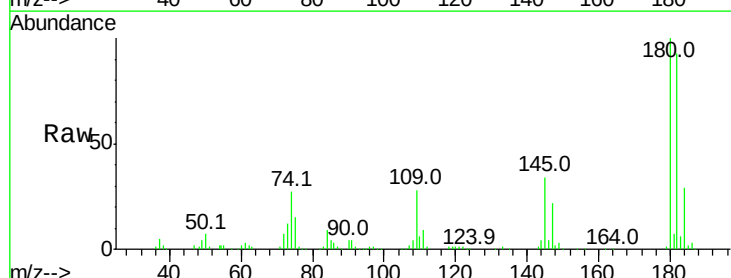
Manual Integrations
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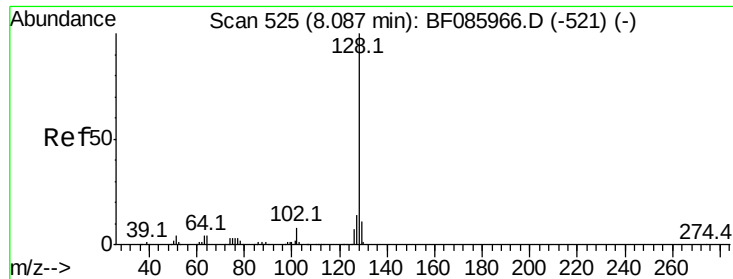
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 30.53 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion:	180	Resp:	277346
Ion Ratio	Lower	Upper	
180	100		
182	93.5	73.8	110.8
145	34.2	28.4	42.6





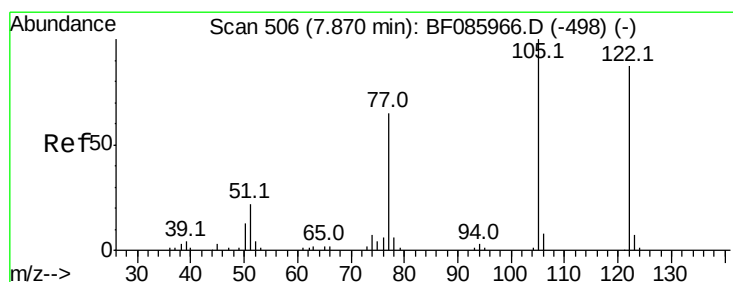
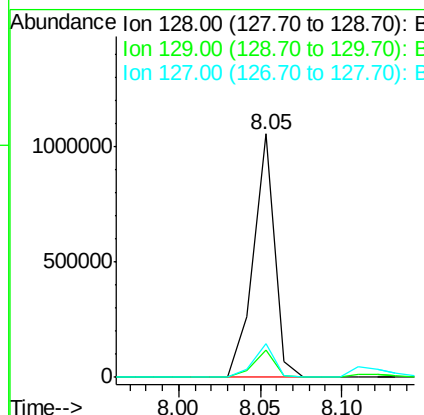
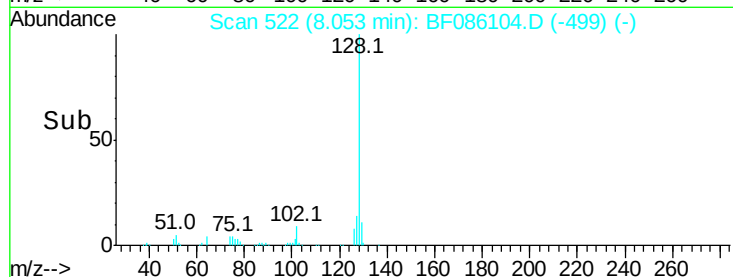
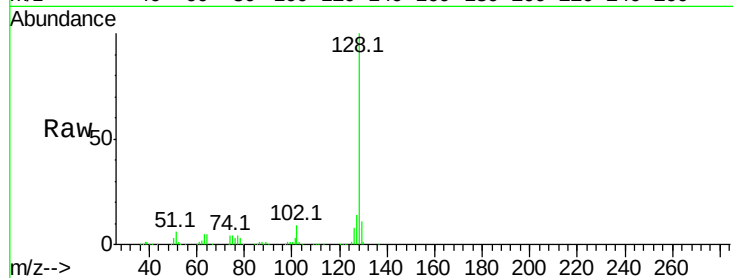
#31
Naphthalene
Concen: 31.58 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampled :
SP-14MSD

Tot Ion:	128	Resp:	954109
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.0
127	13.9	11.0	16.6

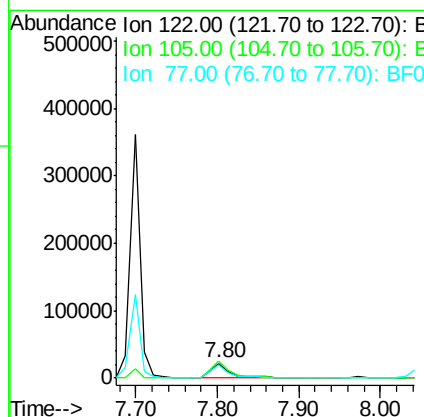
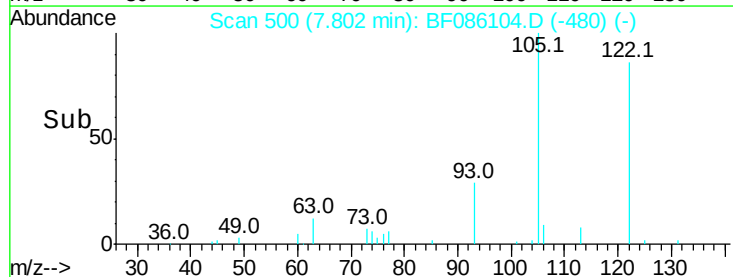
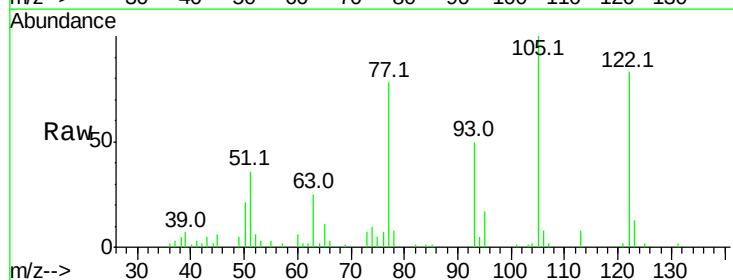
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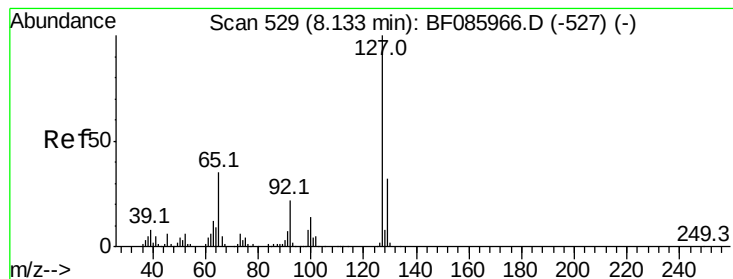
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#32
Benzoic acid
Concen: 5.27 ng
RT: 7.80 min Scan# 500
Delta R.T. -0.07 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion:	122	Resp:	36999
Ion Ratio	Lower	Upper	
122	100		
105	120.1	102.9	142.9
77	93.7	71.8	111.8





#33

4-Chloroaniline

Concen: 6.55 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

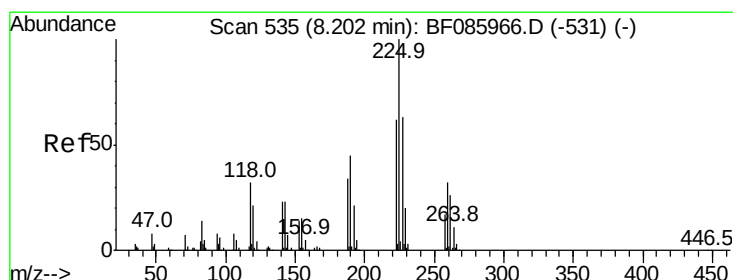
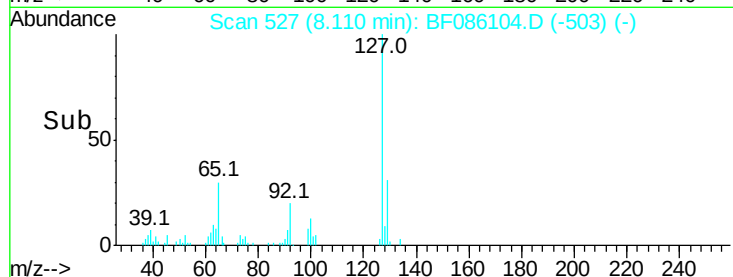
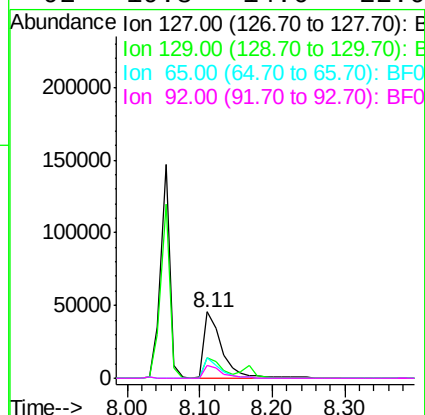
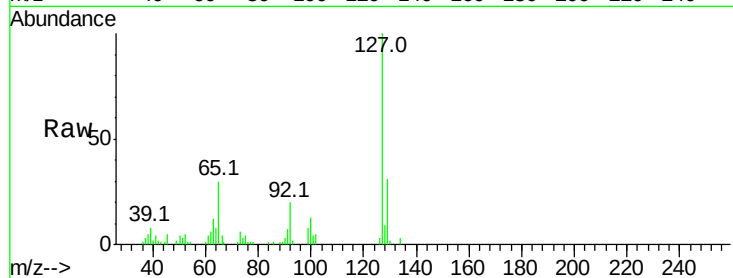
ClientSampleId :

SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	26.1	39.1	
65	30.2	19.5	29.3	
92	19.8	14.6	22.0	

Manual Integrations
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#34

Hexachlorobutadiene

Concen: 29.20 ng

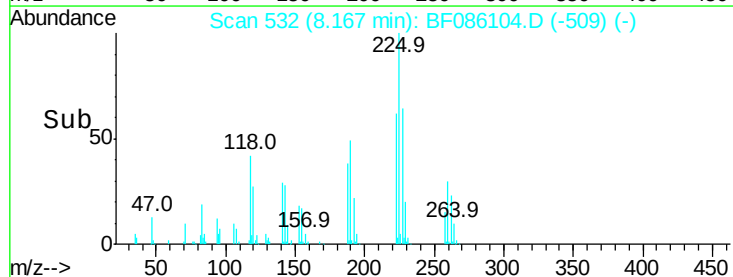
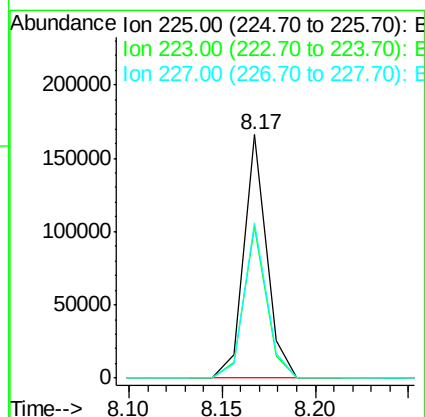
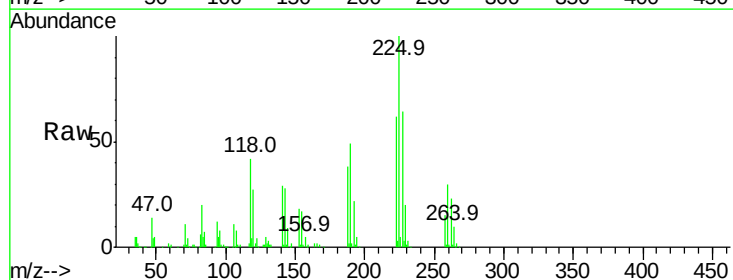
RT: 8.17 min Scan# 532

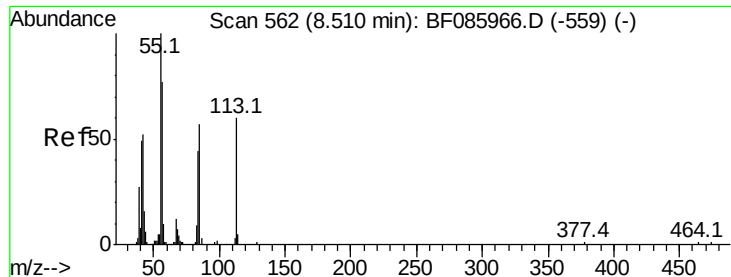
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.5	50.4	75.6	
227	64.0	51.4	77.2	





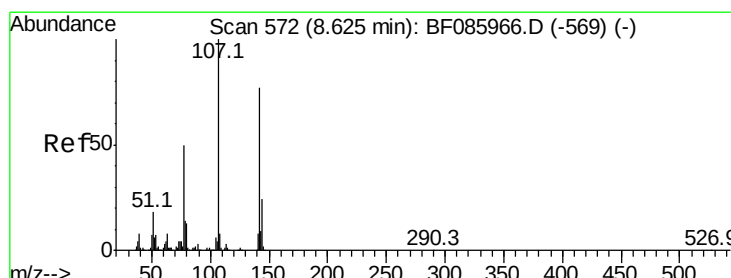
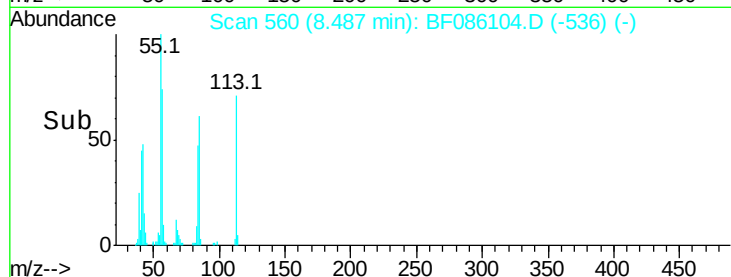
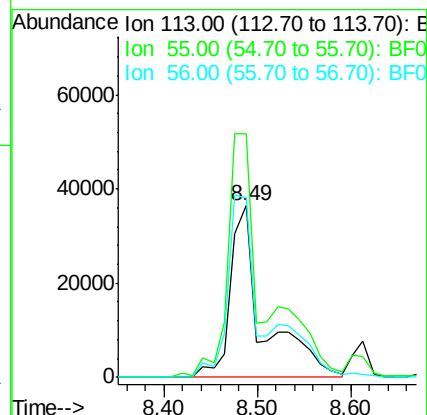
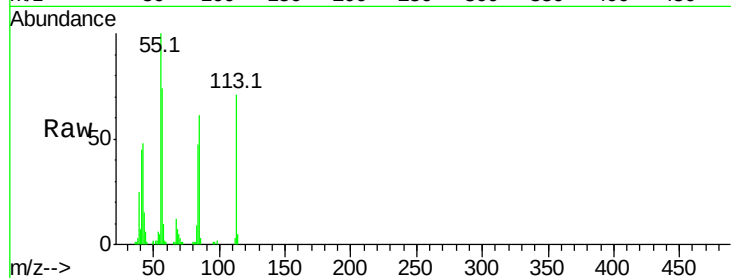
#35
 Caprolactam
 Concen: 34.52 ng/ml
 RT: 8.49 min Scan# 560
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.7	139.4	179.4
56	104.9	100.4	140.4

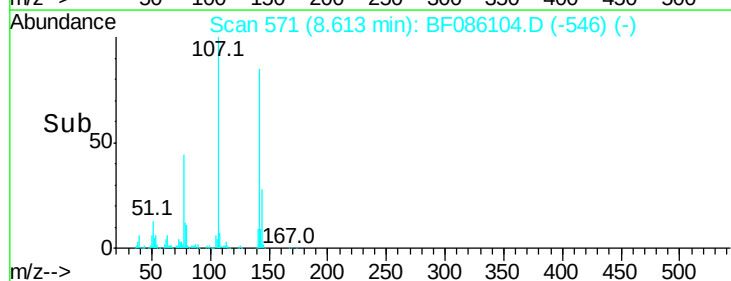
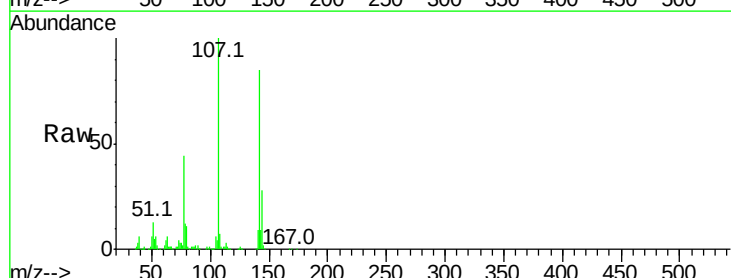
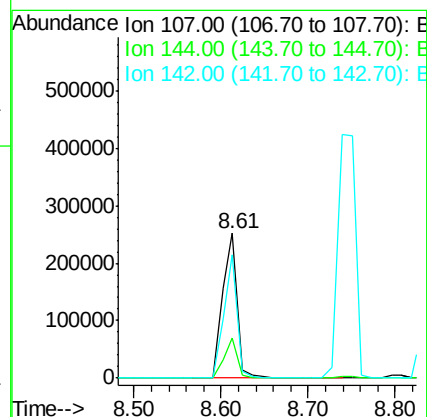
Manual Integrations
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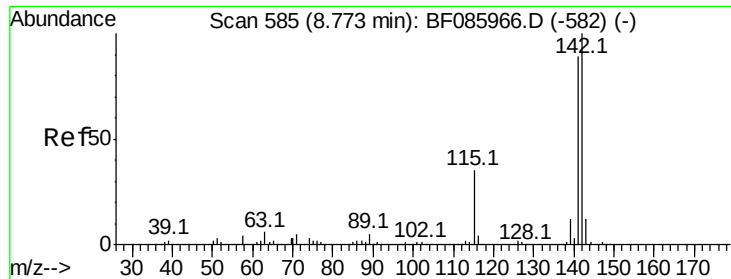
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#36
 4-Chloro-3-methylphenol
 Concen: 32.81 ng/ml
 RT: 8.61 min Scan# 571
 Delta R.T. -0.01 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.7	19.3	28.9
142	85.0	61.4	92.0





#37

2-Methylnaphthalene

Concen: 30.29 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

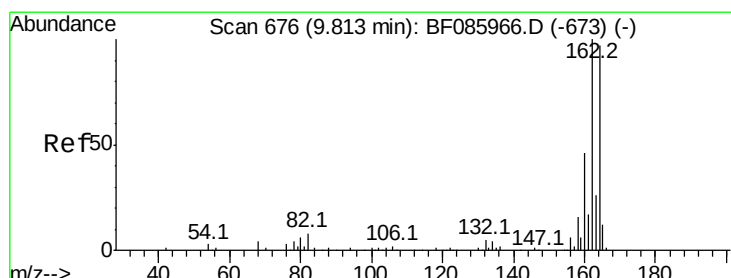
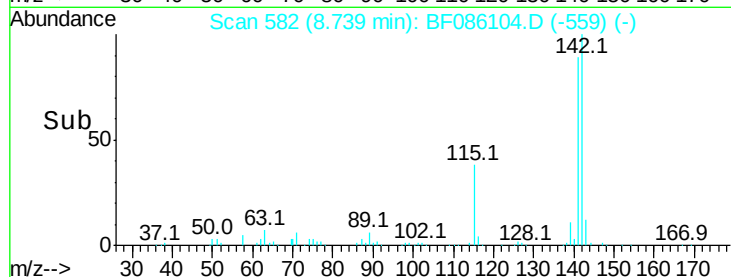
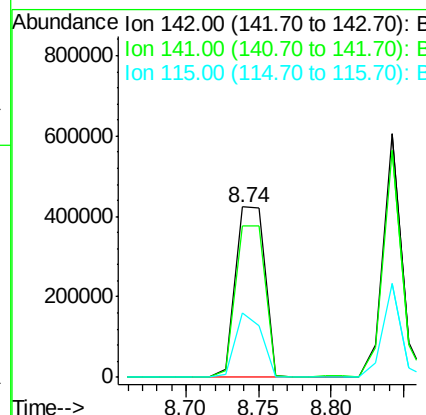
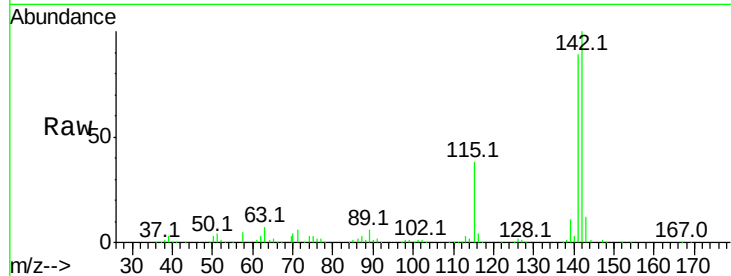
ClientSampleId :

SP-14MSD

Tot Ion:	142	Resp:	597769
Ion Ratio	Lower	Upper	
142	100		
141	89.0	71.6	107.4
115	37.6	26.8	40.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

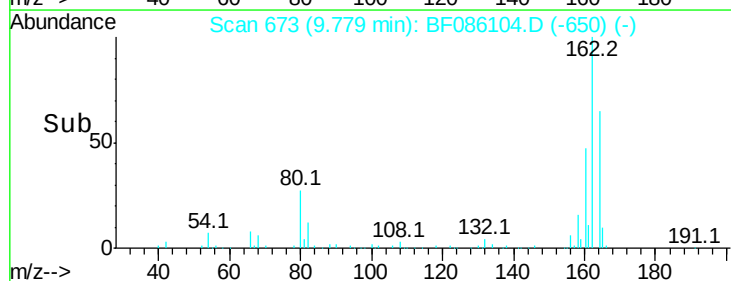
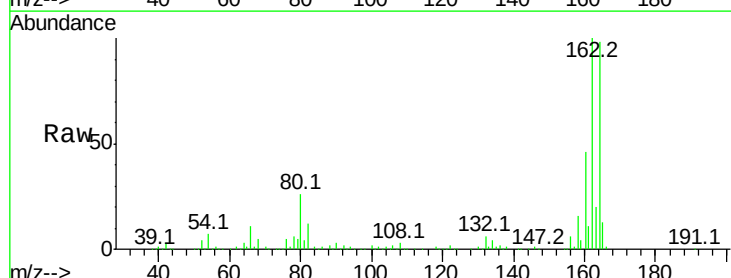
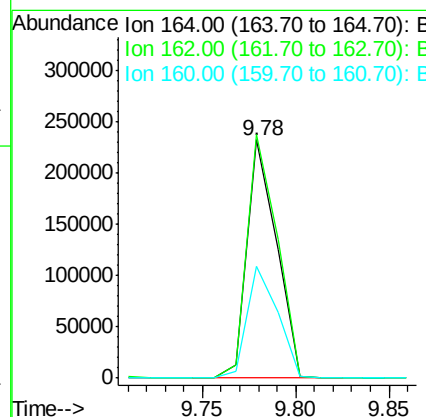
RT: 9.78 min Scan# 673

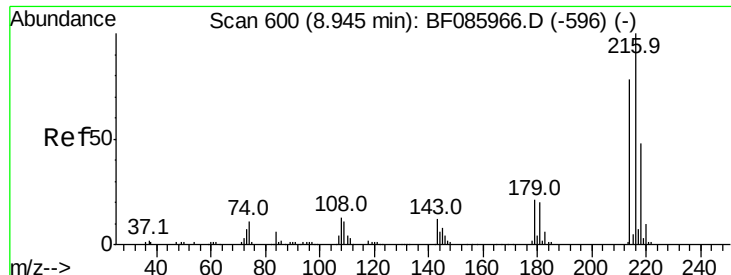
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	164	Resp:	254192
Ion Ratio	Lower	Upper	
164	100		
162	102.3	82.1	123.1
160	47.1	37.4	56.2





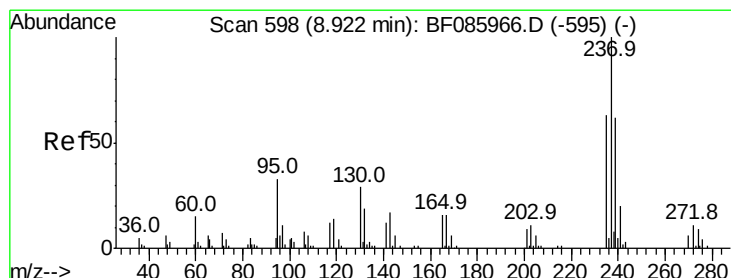
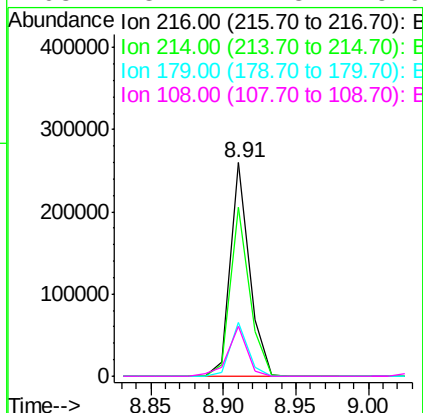
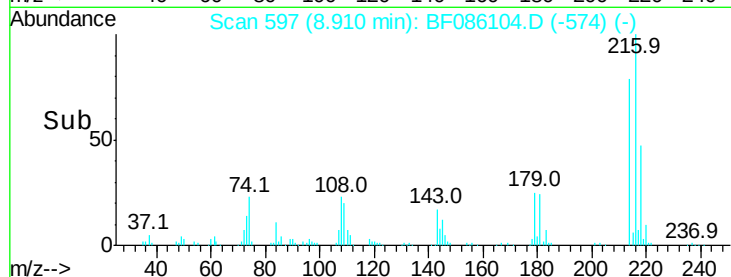
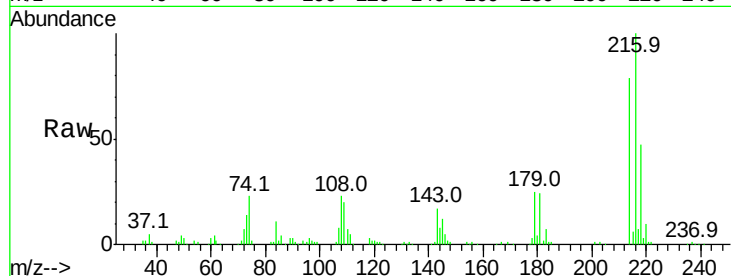
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 31.29 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.9	63.1	94.7
179	23.7	18.2	27.2
108	23.4	17.3	25.9

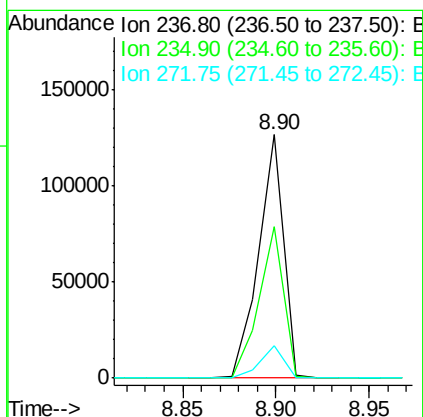
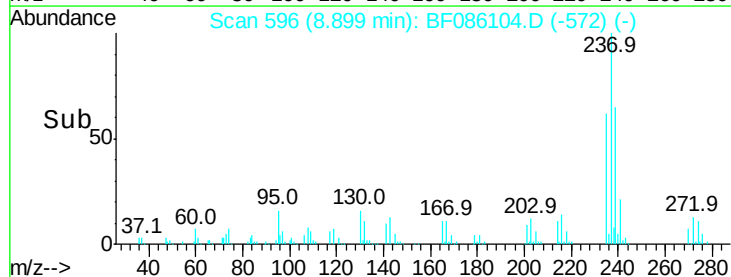
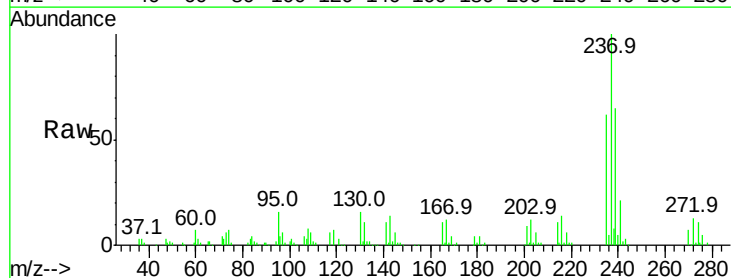
Manual Integrations
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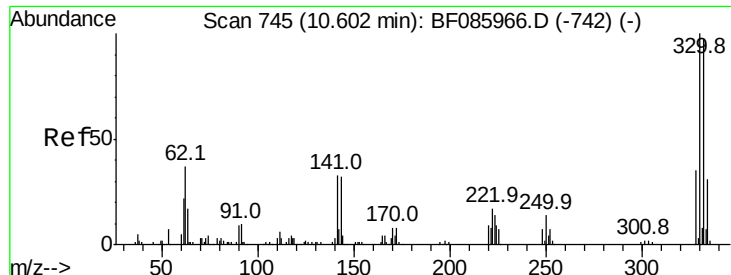
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#40
 Hexachlorocyclopentadiene
 Concen: 50.35 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	62.1	43.7	83.7
272	13.1	0.0	31.9





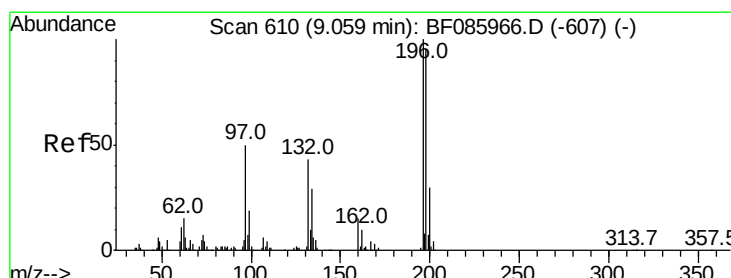
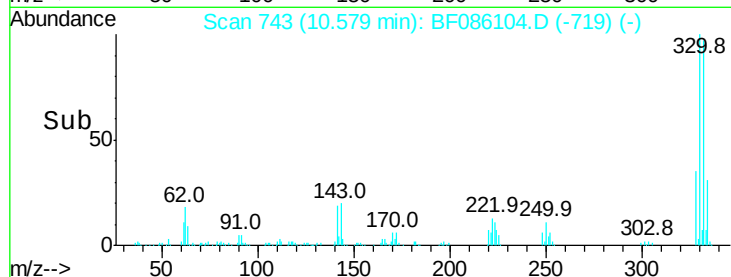
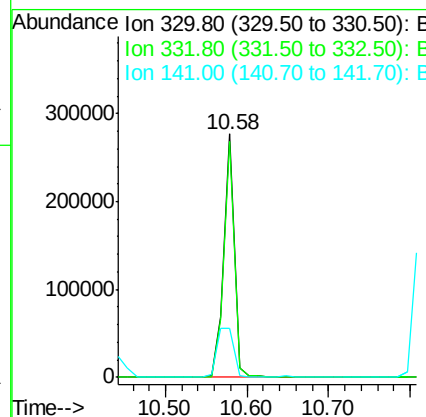
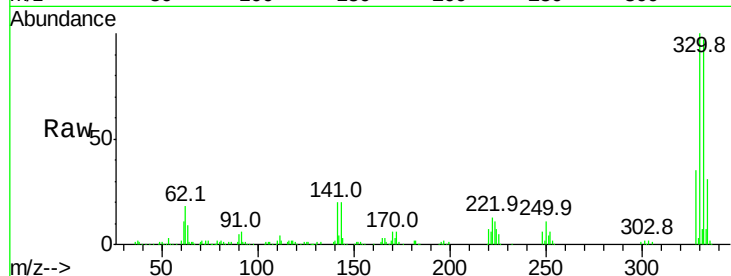
#41
 2,4,6-Tribromophenol
 Concen: 105.20 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	250985		
332	96.7		78.2	117.2
141	32.5		31.5	47.3

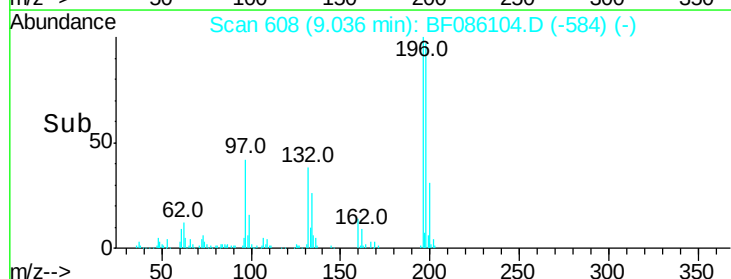
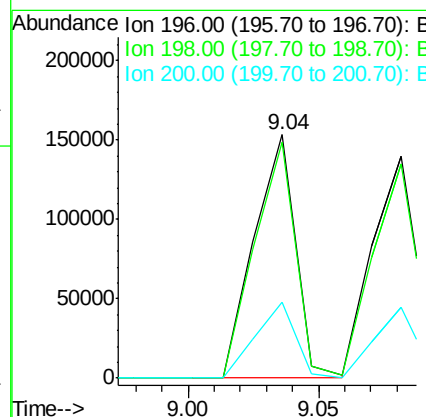
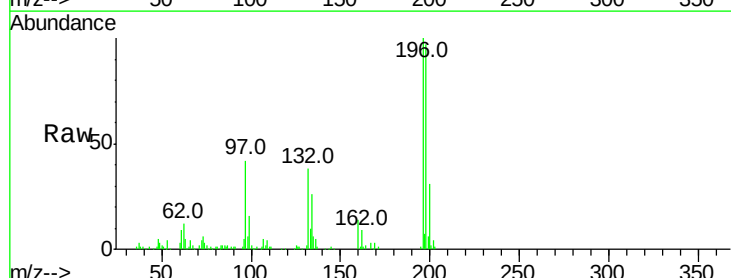
Manual Integrations
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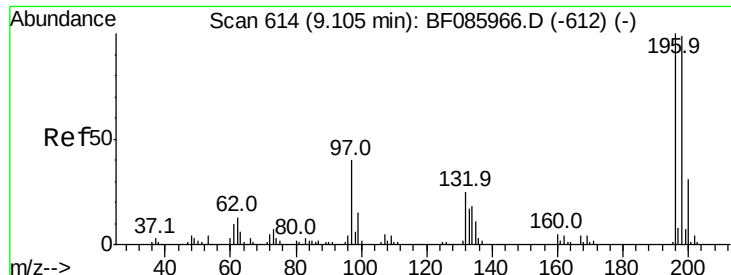
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#42
 2,4,6-Trichlorophenol
 Concen: 34.74 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	170421		
198	97.0		75.3	112.9
200	31.3		23.7	35.5





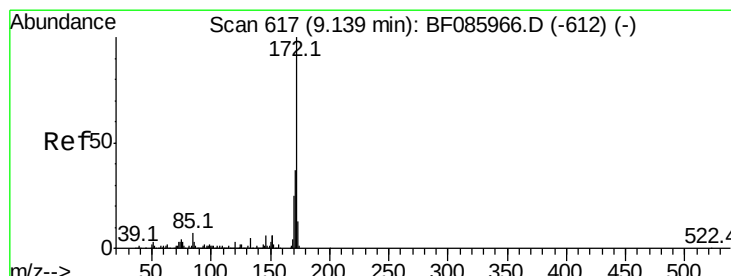
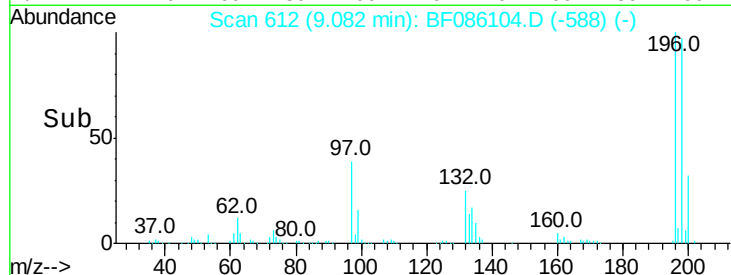
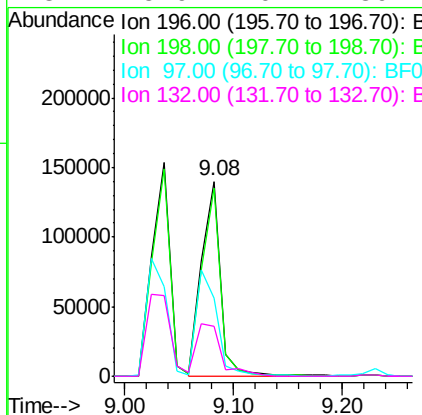
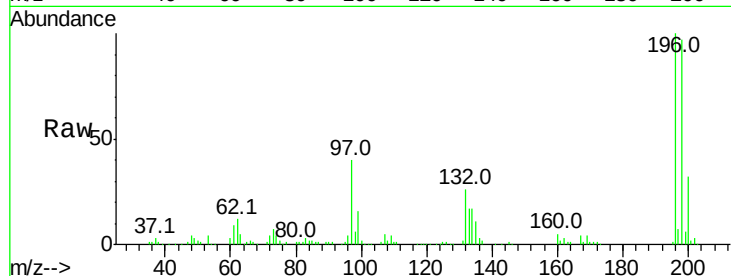
#43
 2,4,5-Trichlorophenol
 Concen: 34.18 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170246		
198	96.7	76.6	114.8	
97	40.3	30.5	45.7	
132	25.9	20.2	30.2	

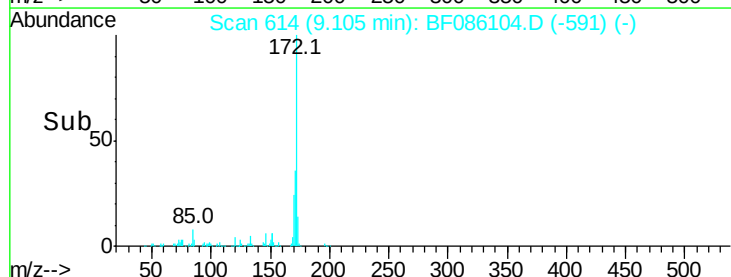
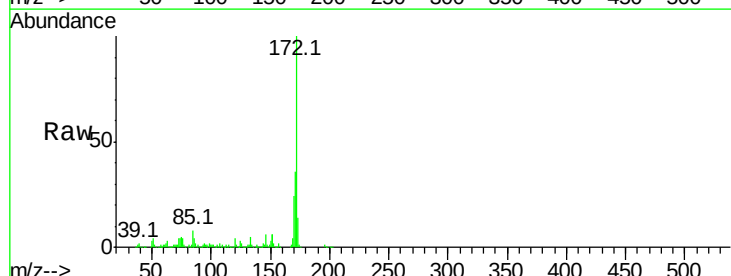
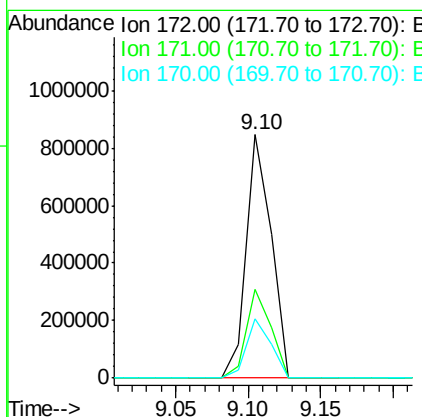
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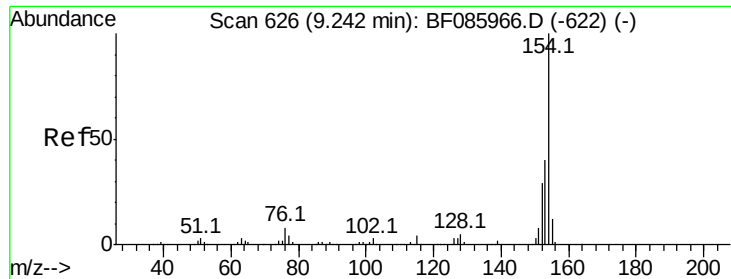
Sohil
 4/7/2016 9:04:11 AM



#44
 2-Fluorobiphenyl
 Concen: 65.94 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1008102		
171	36.3	29.4	44.2	
170	24.4	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 30.80 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

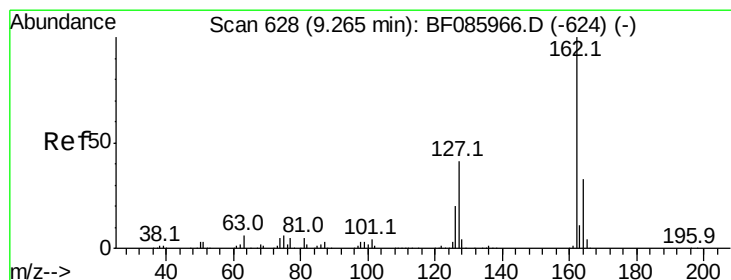
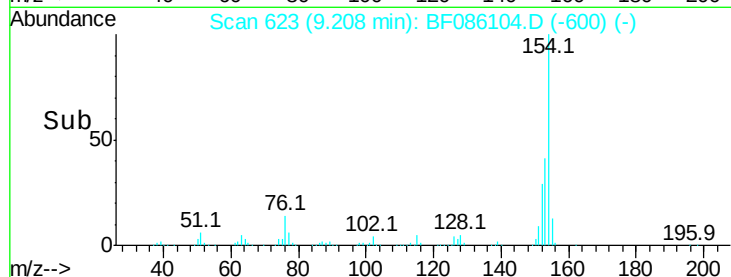
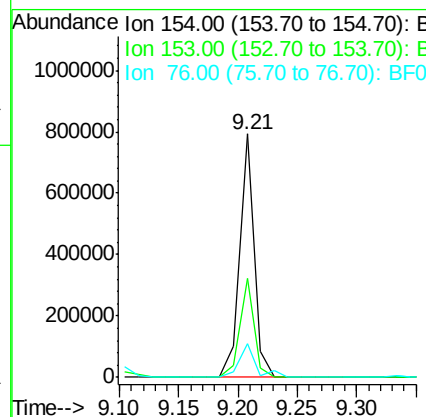
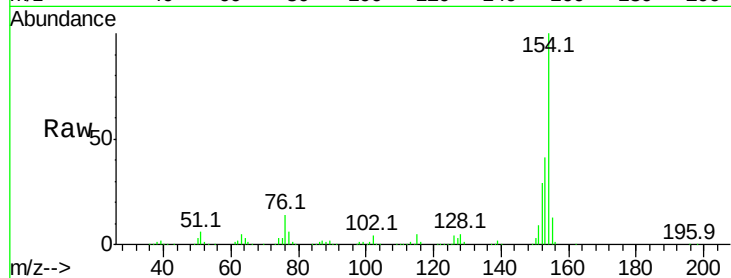
ClientSampled :

SP-14MSD

Tot Ion:	154	Resp:	675090
Ion Ratio	Lower	Upper	
154	100		
153	40.7	20.8	60.8
76	14.0	0.0	36.7

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#46

2-Chloronaphthalene

Concen: 31.47 ng

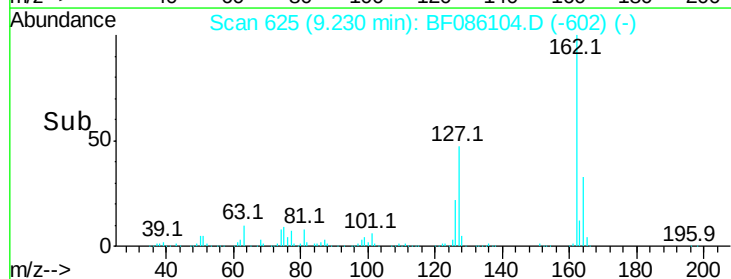
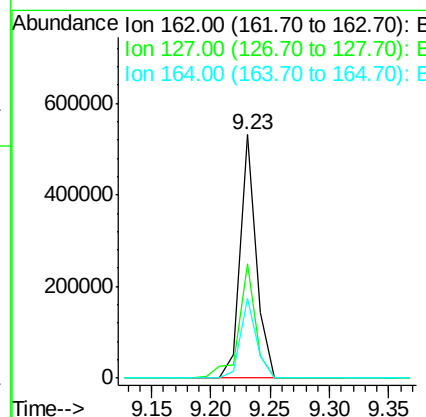
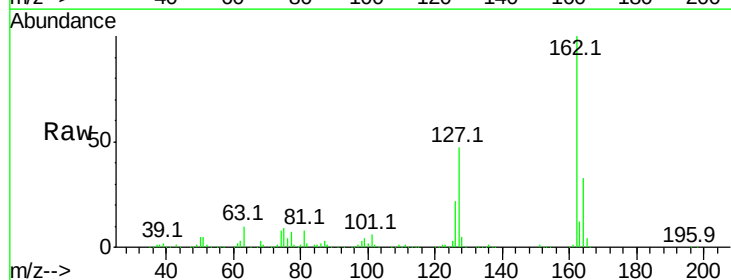
RT: 9.23 min Scan# 625

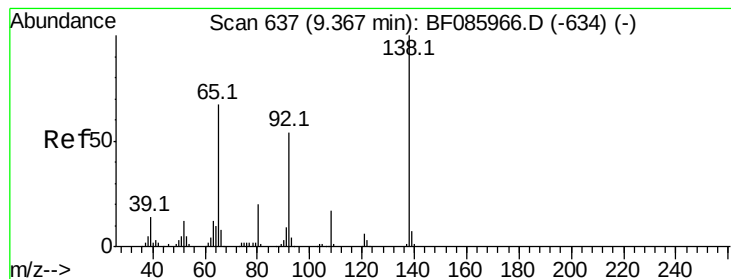
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	162	Resp:	500076
Ion Ratio	Lower	Upper	
162	100		
127	47.0	31.7	47.5
164	32.8	27.3	40.9





#47

2-Nitroaniline

Concen: 33.06 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

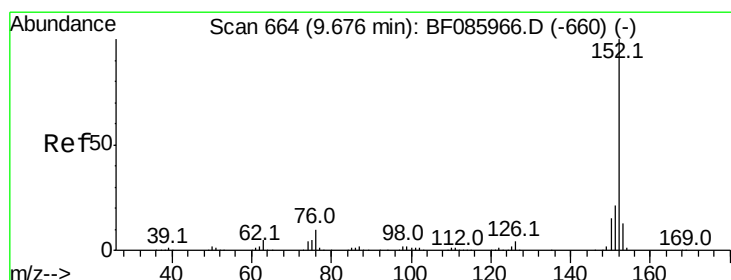
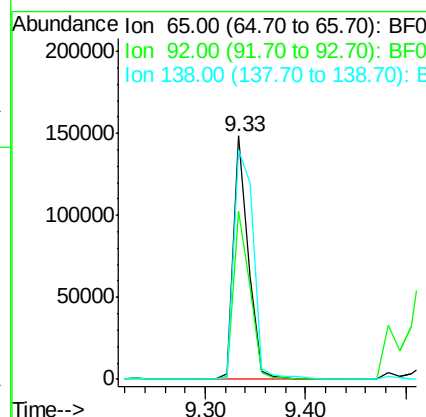
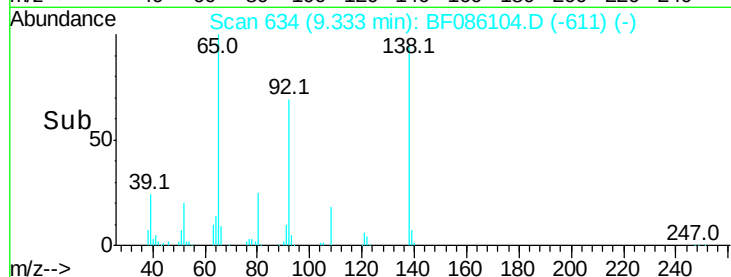
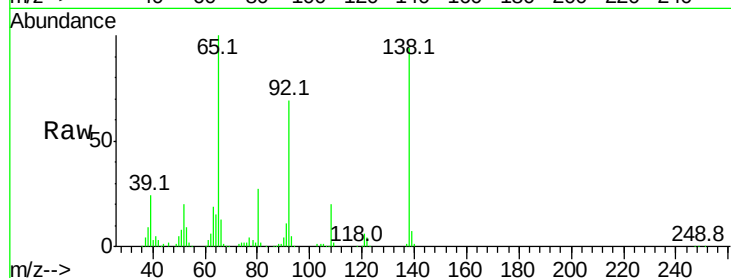
ClientSampleId :

SP-14MSD

Tot Ion:	65	Resp:	153684
Ion Ratio	Lower	Upper	
65	100		
92	68.8	59.7	89.5
138	94.4	91.4	137.0

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#48

Acenaphthylene

Concen: 29.21 ng

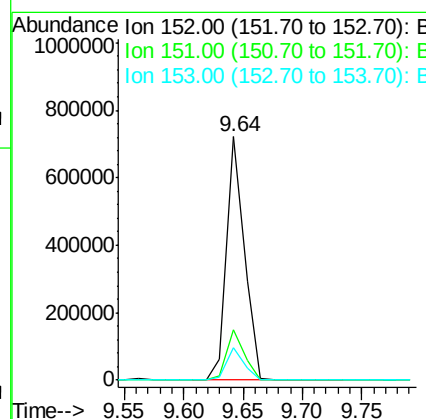
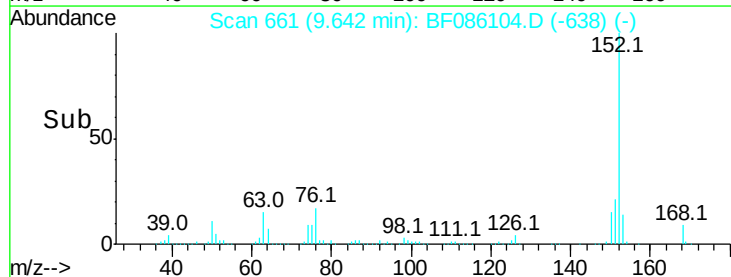
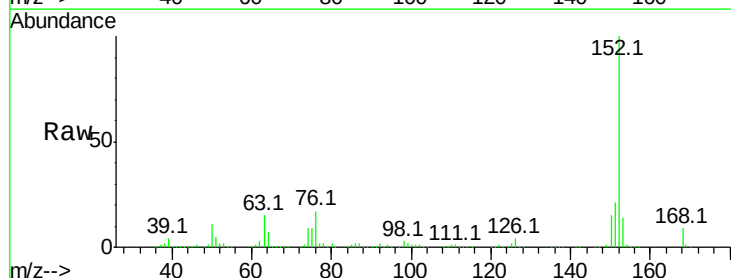
RT: 9.64 min Scan# 661

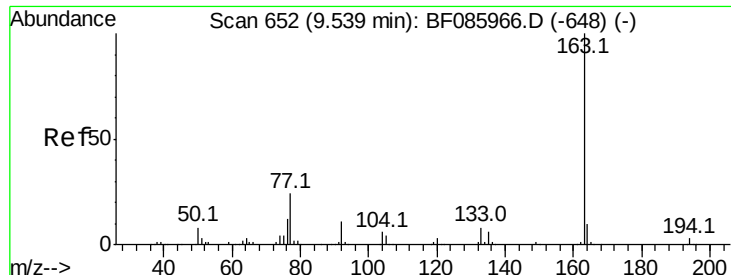
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	152	Resp:	743332
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.8	25.2
153	13.6	10.9	16.3





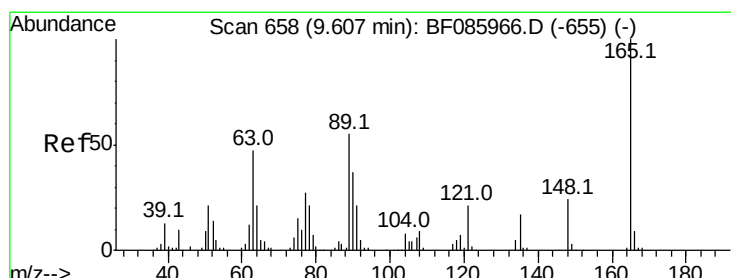
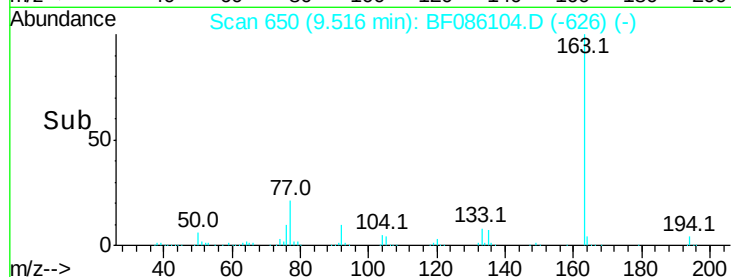
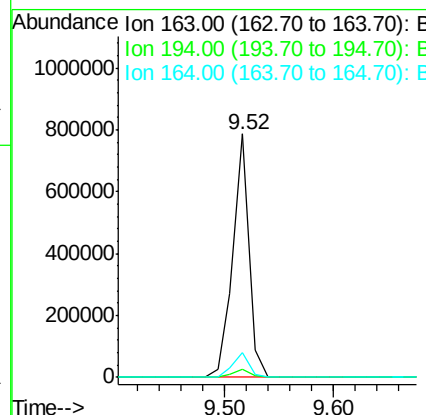
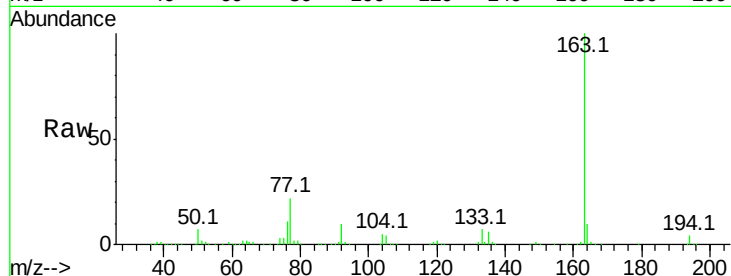
#49
Dimethylphthalate
Concen: 42.78 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.6	2.9	4.3	
164	10.4	8.3	12.5	

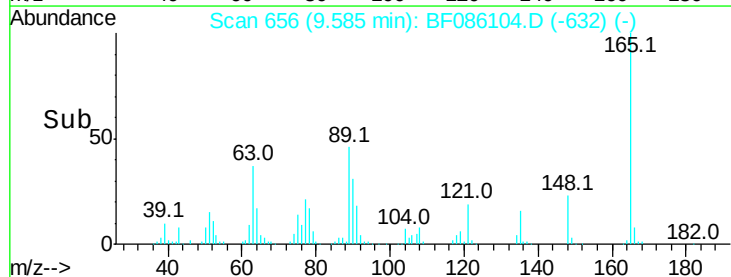
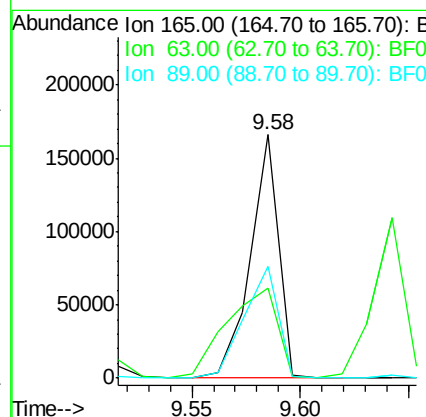
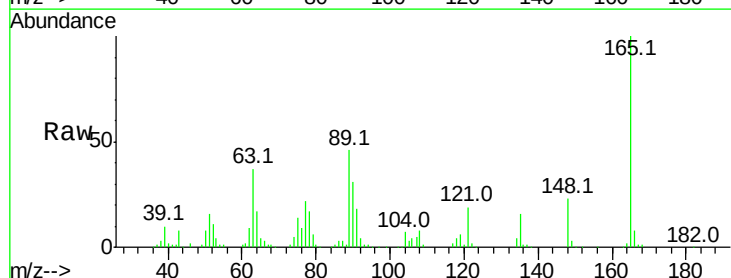
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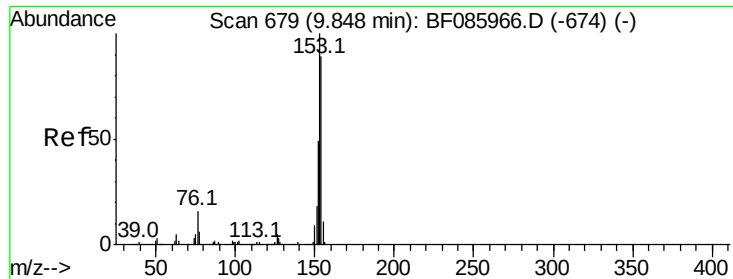
Sohil
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#50
2,6-Dinitrotoluene
Concen: 37.25 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	37.1	51.8	77.8#	
89	45.7	53.7	80.5#	





#51

Acenaphthene

Concen: 30.50 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

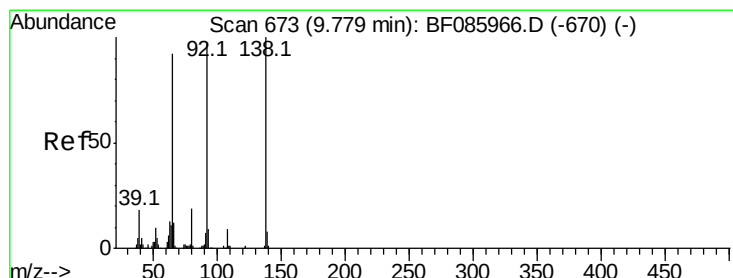
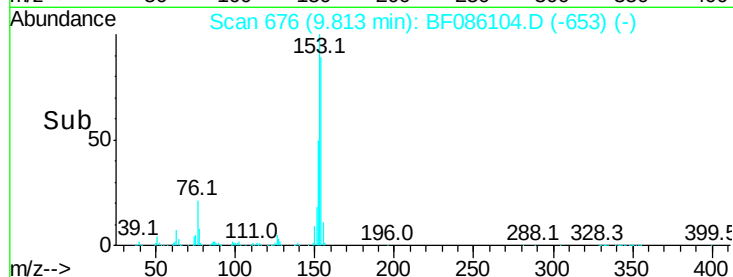
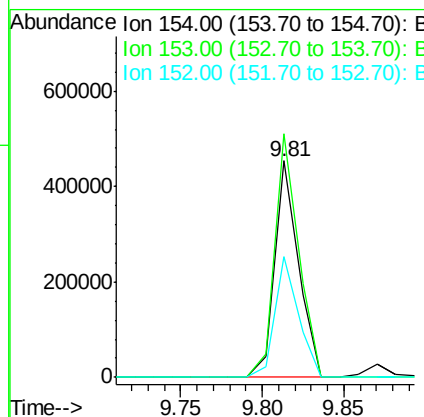
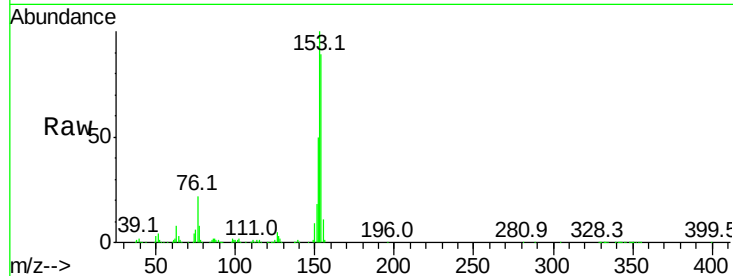
ClientSampleId :

SP-14MSD

Tot Ion:	154	Resp:	461602
Ion Ratio	Lower	Upper	
154	100		
153	112.6	90.1	135.1
152	55.9	44.2	66.2

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#52

3-Nitroaniline

Concen: 16.77 ng

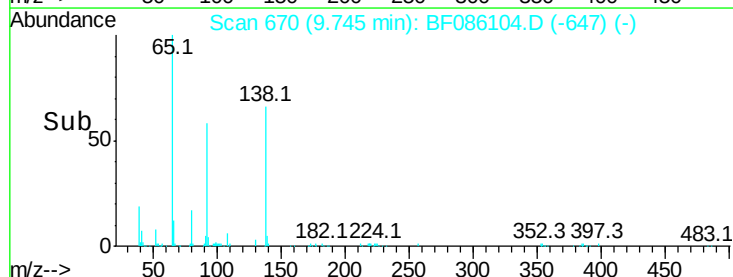
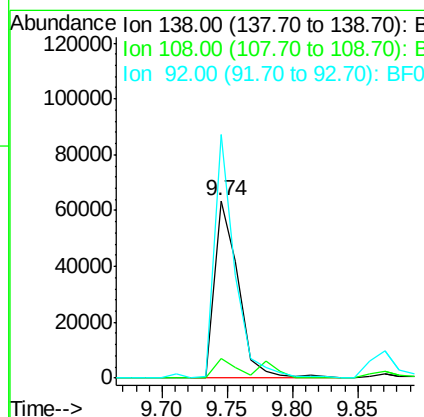
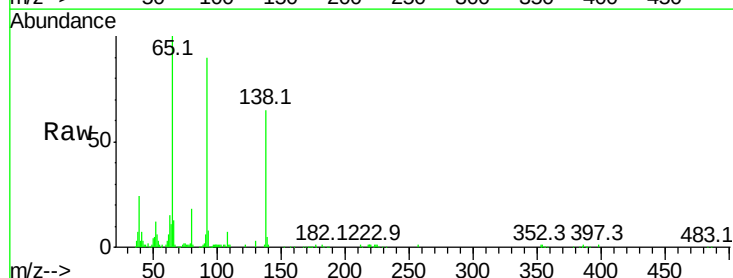
RT: 9.74 min Scan# 670

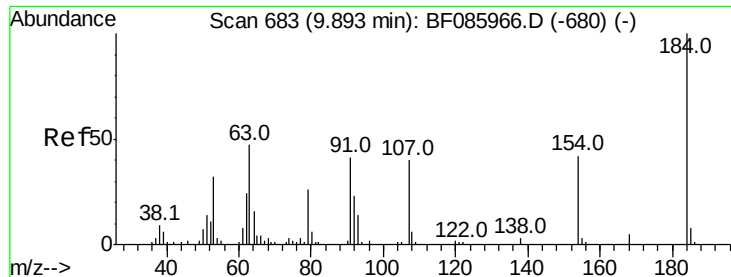
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	138	Resp:	80584
Ion Ratio	Lower	Upper	
138	100		
108	11.4	8.7	13.1
92	137.3	93.3	139.9





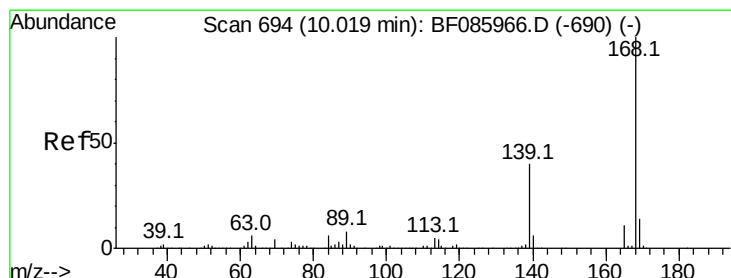
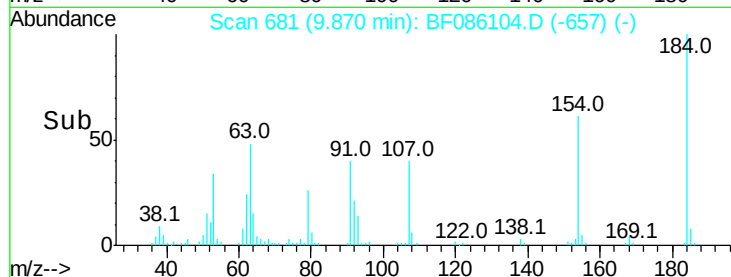
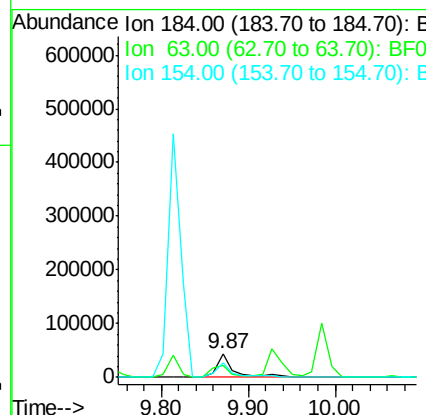
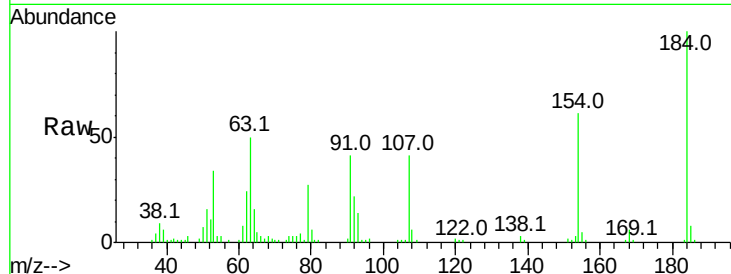
#53
 2,4-Dinitrophenol
 Concen: 32.32 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	50.3	69.5	104.3#
154	60.6	58.3	87.5

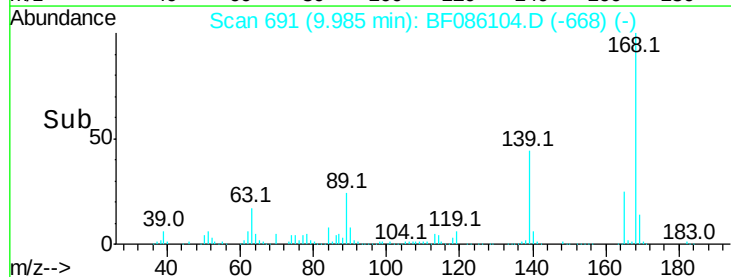
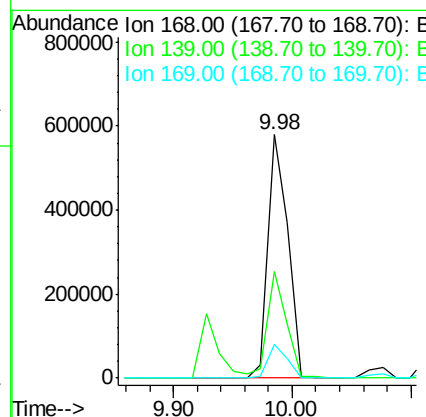
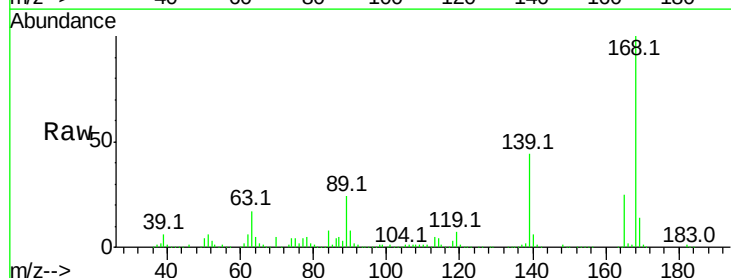
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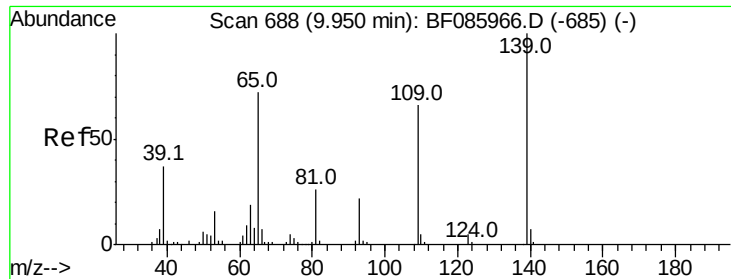
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#54
 Dibenzofuran
 Concen: 33.88 ng
 RT: 9.98 min Scan# 691
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	31.9	47.9
169	13.8	11.0	16.6





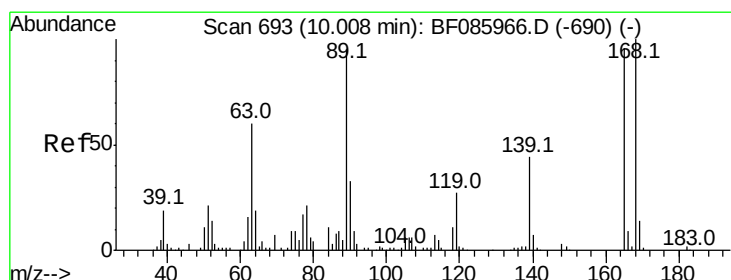
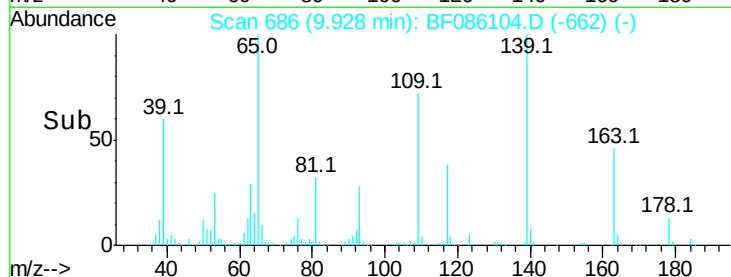
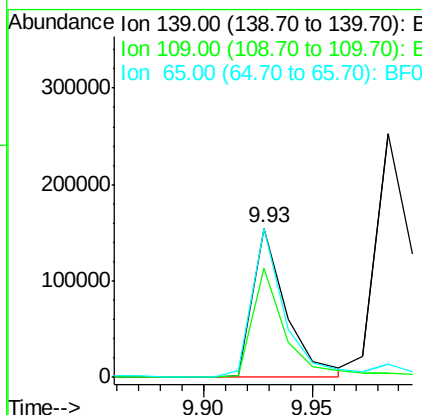
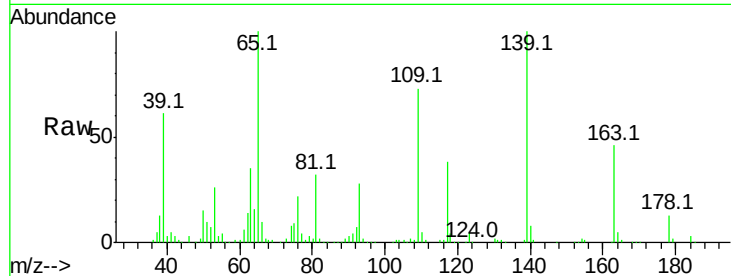
#55
4-Nitrophenol
Concen: 58.60 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	165959		
109	72.8	49.2	89.2	
65	100.2	66.9	106.9	

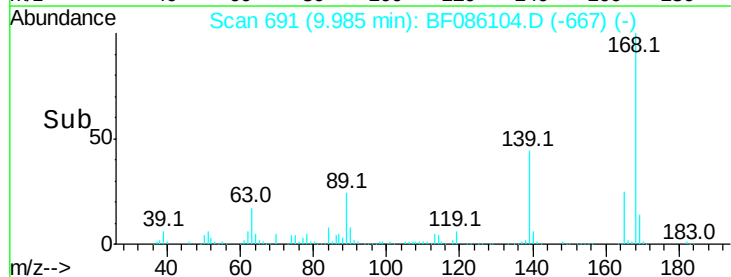
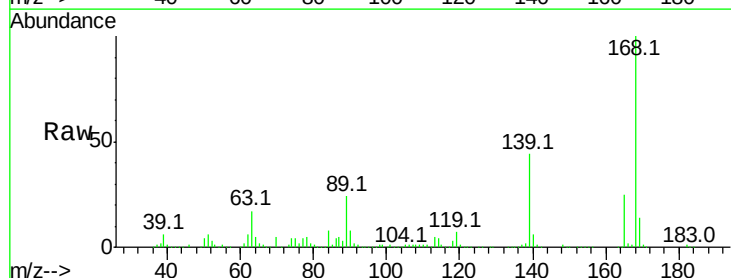
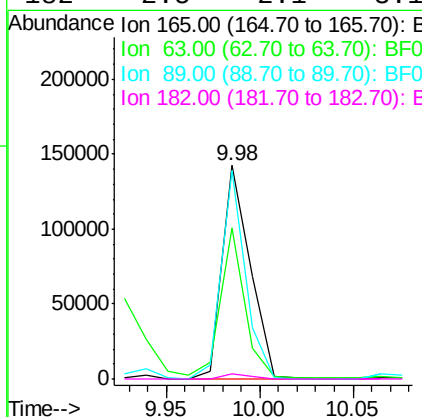
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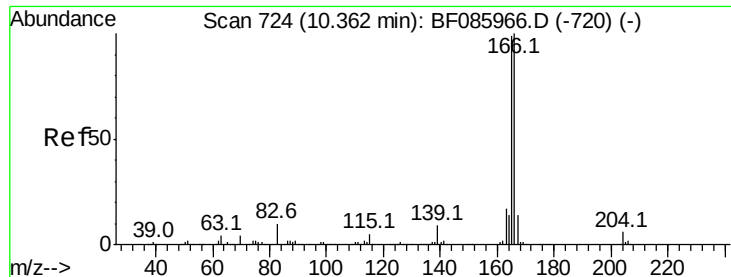
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#56
2,4-Dinitrotoluene
Concen: 29.75 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	149824		
63	70.7	24.9	37.3#	
89	97.8	41.0	61.6#	
182	2.5	2.1	3.1	





#57

Fluorene

Concen: 29.54 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

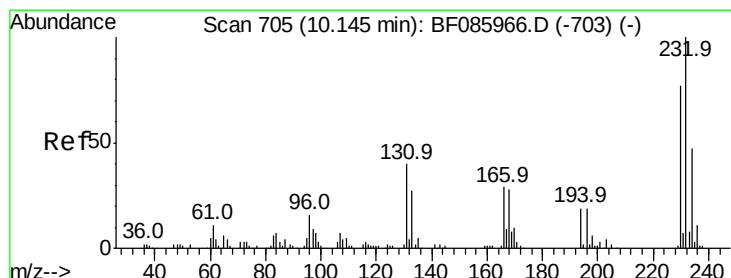
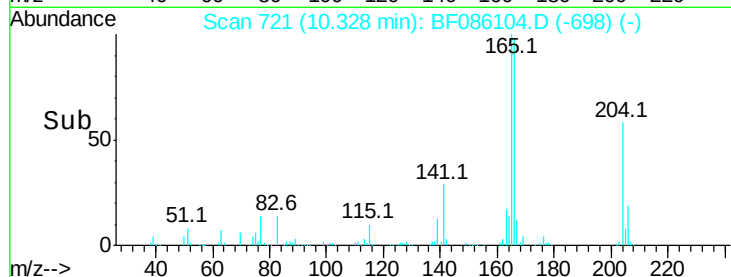
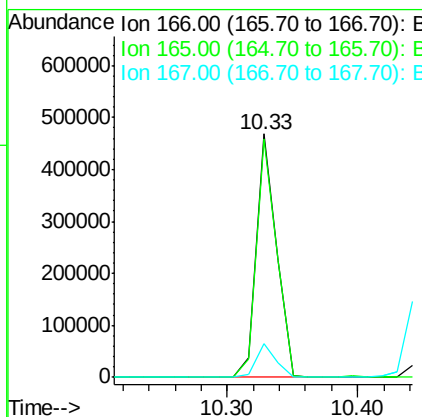
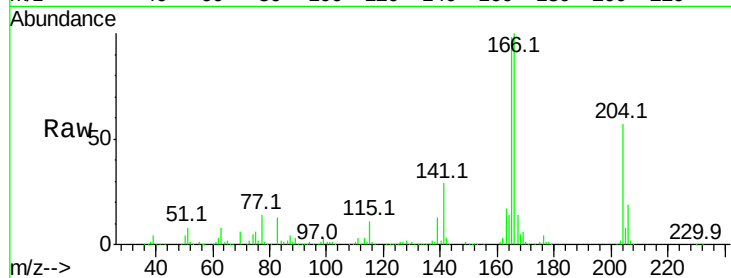
ClientSampleId :

SP-14MSD

Tot Ion:	166	Resp:	504392
Ion Ratio	Lower	Upper	
166	100		
165	98.1	79.4	119.0
167	13.8	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 33.74 ng

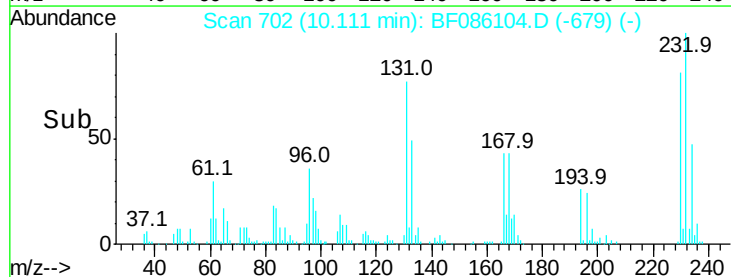
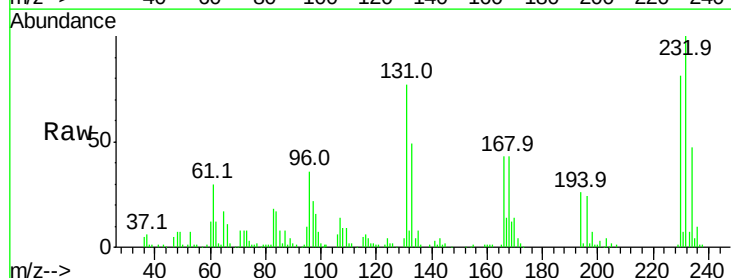
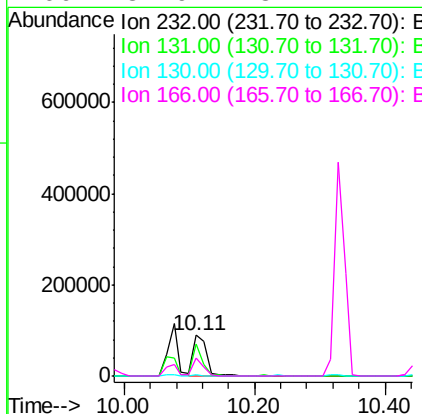
RT: 10.11 min Scan# 702

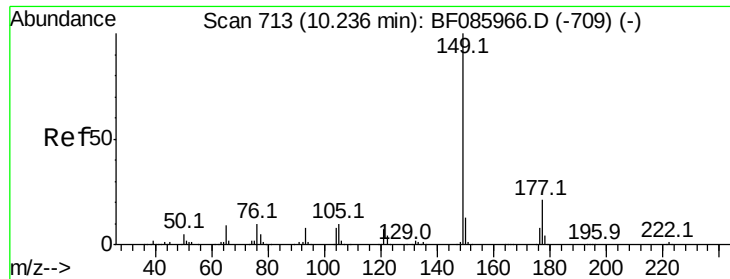
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	232	Resp:	125134
Ion Ratio	Lower	Upper	
232	100		
131	55.6	44.9	67.3
130	3.1	2.3	3.5
166	32.9	28.1	42.1





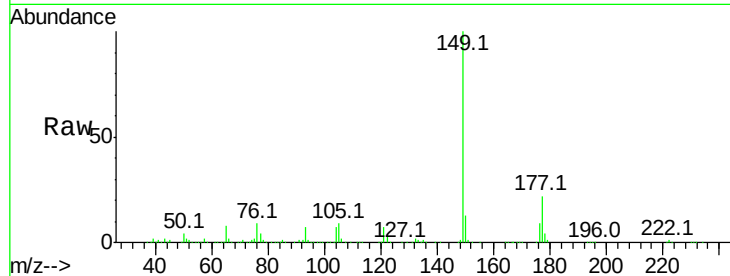
#59
Diethylphthalate
Concen: 33.01 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

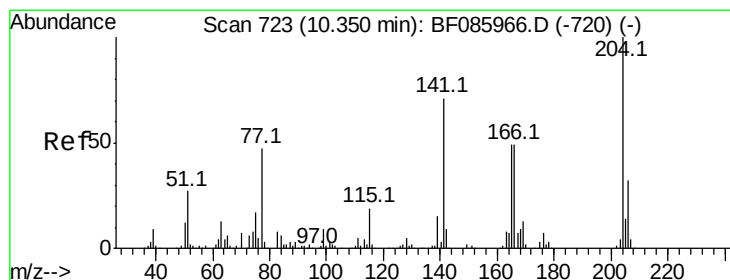
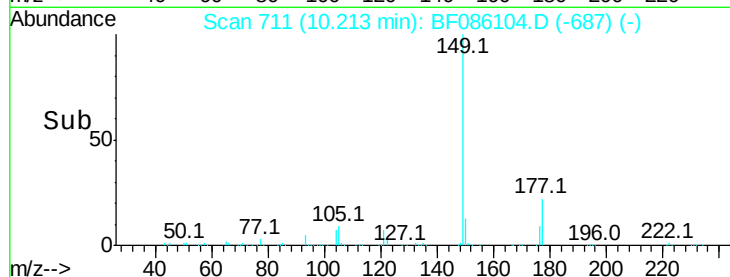
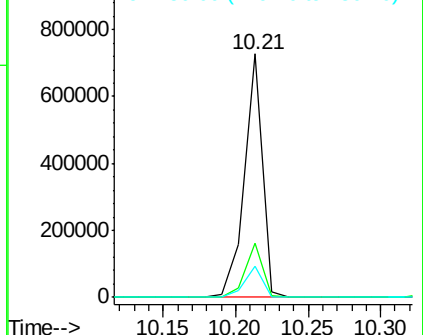
Tot Ion	Ratio	Resp	Lower	Upper
149	100	627715		
177	22.2		17.9	26.9
150	12.8		10.2	15.2

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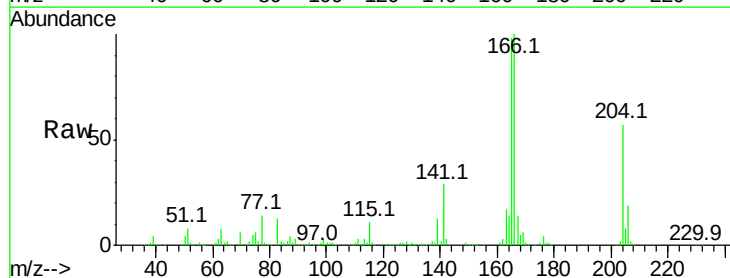


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

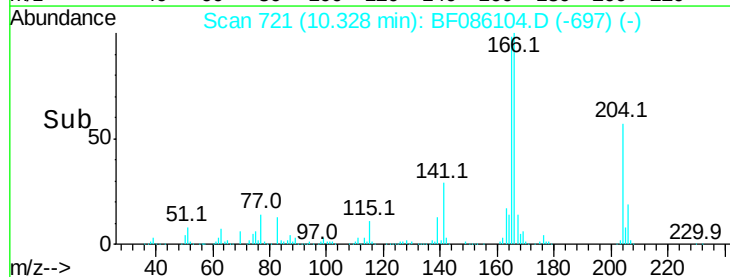
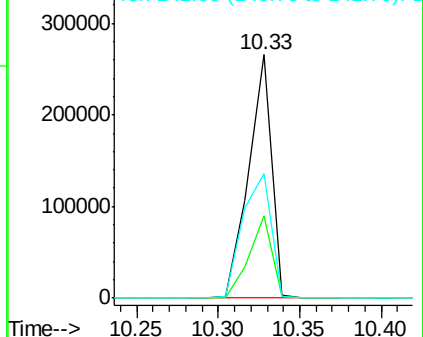


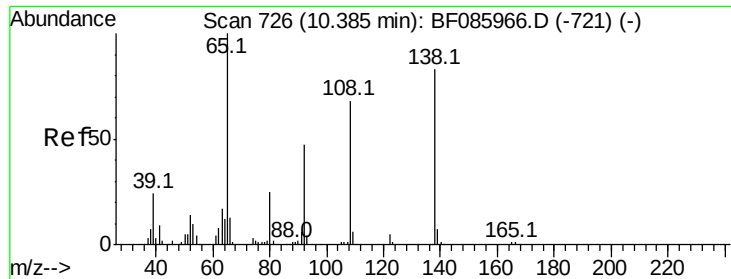
#60
4-Chlorophenyl-phenylether
Concen: 32.57 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	259099		
206	33.6		26.6	39.8
141	51.3		57.4	86.0#



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





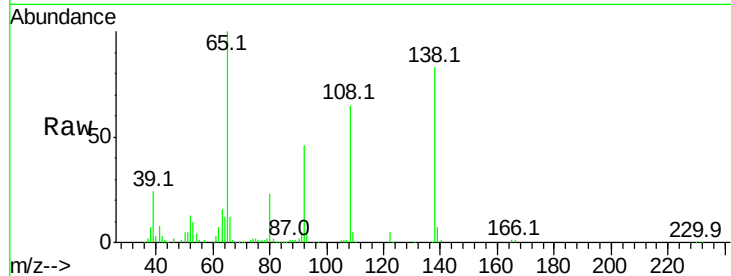
#61
4-Nitroaniline
Concen: 24.78 ng
RT: 10.36 min Scan# 724
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampled :
SP-14MSD

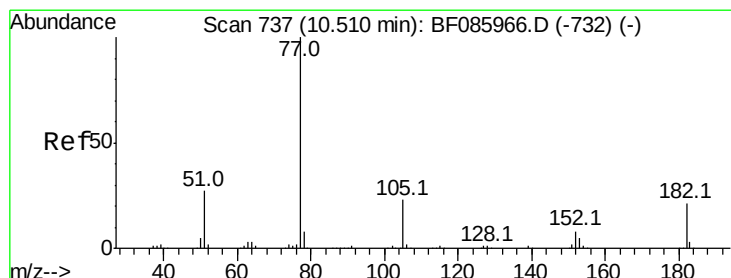
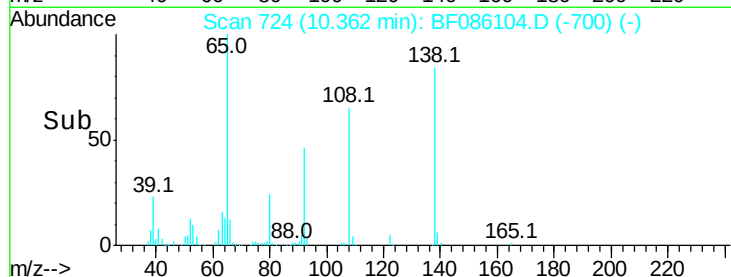
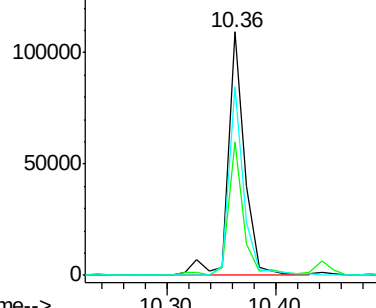
Tot Ion	Ratio	Lower	Upper
138	100		
92	55.0	26.4	66.4
108	77.7	49.0	89.0

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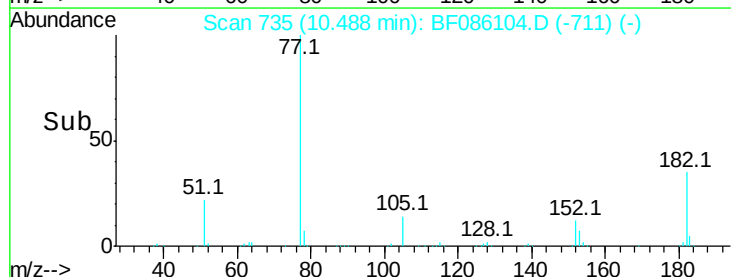
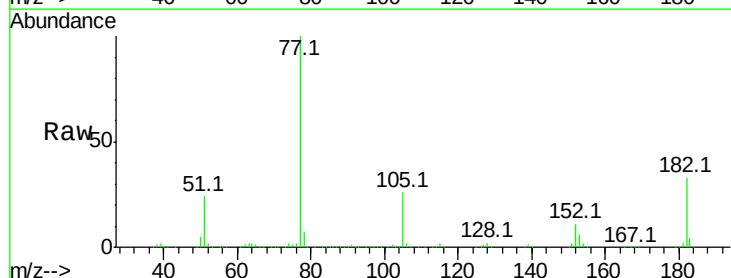
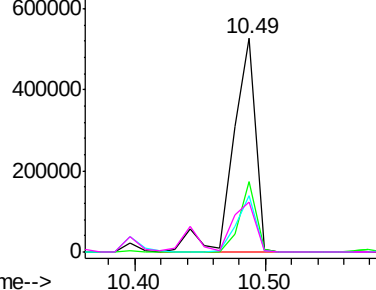
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

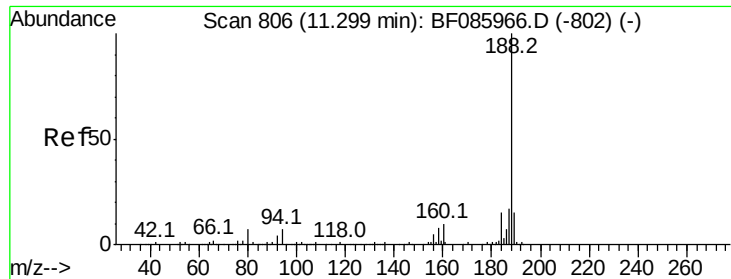


#62
Azobenzene
Concen: 35.11 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
77	100		
182	32.9	1.9	41.9
105	26.2	3.5	43.5
51	23.6	6.3	46.3

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0





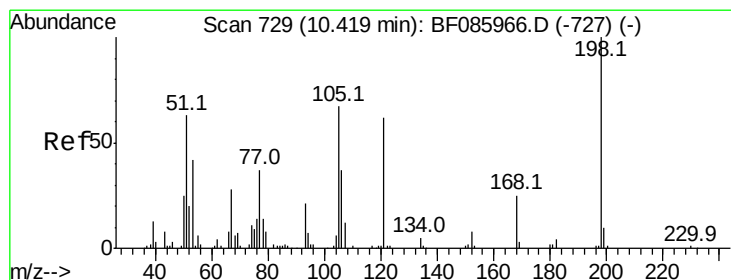
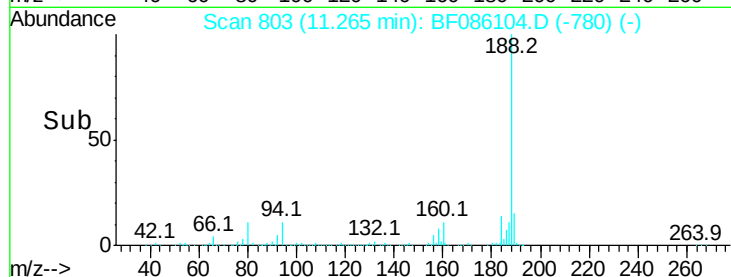
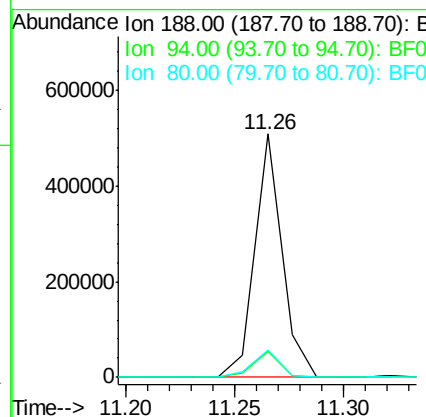
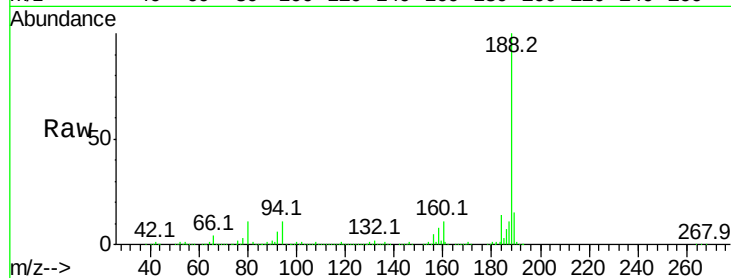
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.8	5.4	8.0#	
80	11.2	5.5	8.3#	

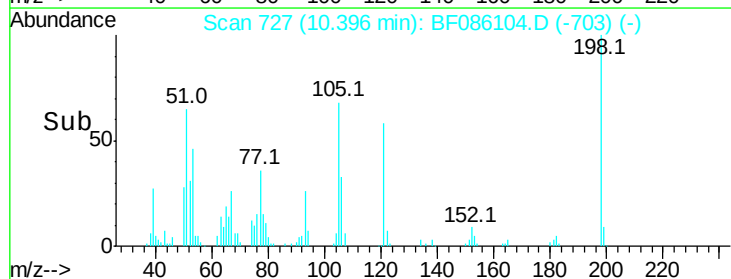
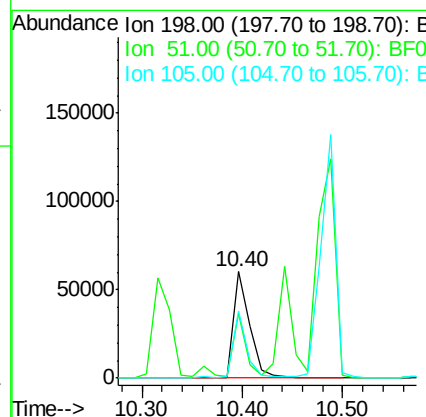
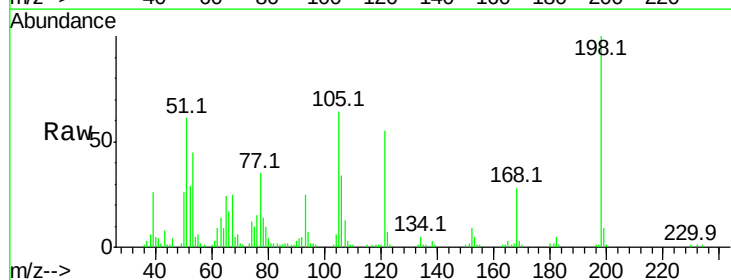
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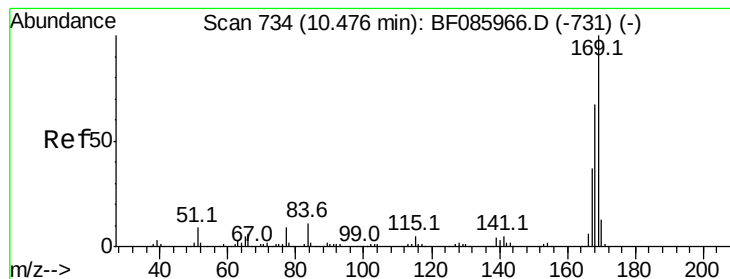
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#64
4,6-Dinitro-2-methylphenol
Concen: 24.92 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	61.2	45.4	85.4	
105	63.6	45.9	85.9	





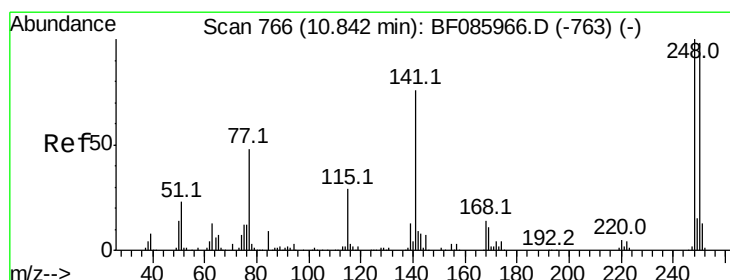
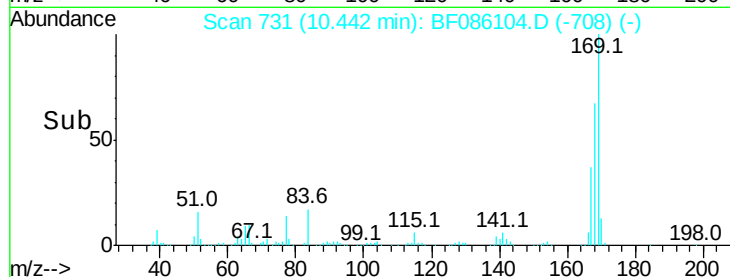
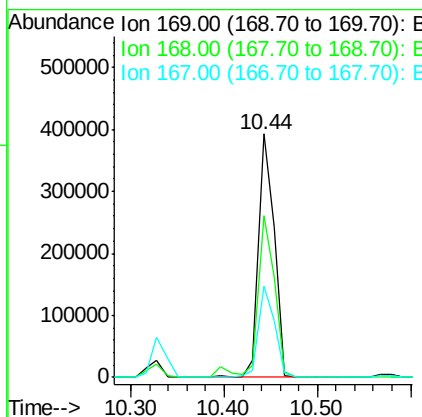
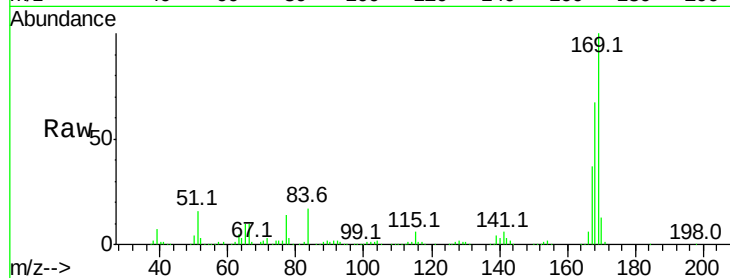
#65
n-Nitrosodiphenylamine
Concen: 33.19 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100	461966		
168	66.6		54.4	81.6
167	37.3		29.4	44.0

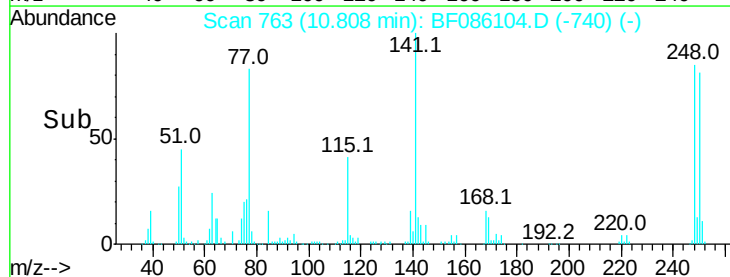
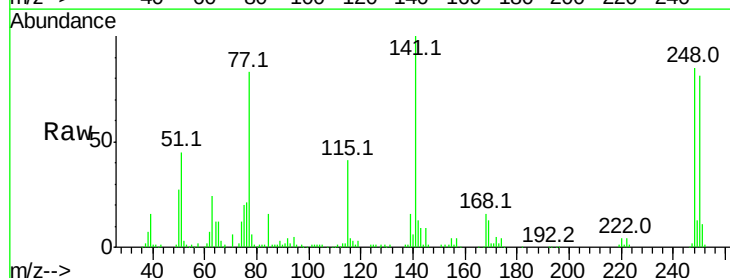
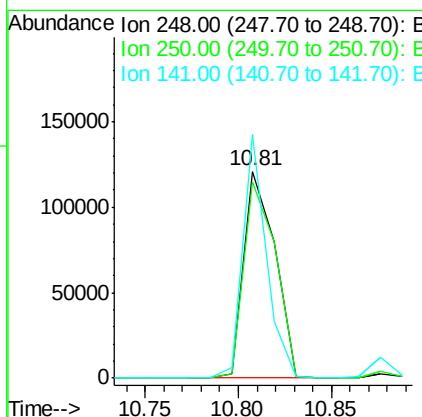
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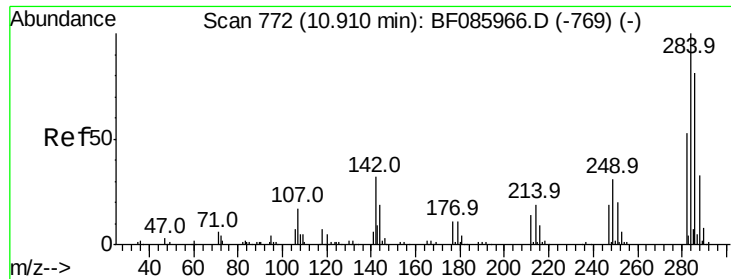
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#66
4-Bromophenyl-phenylether
Concen: 30.86 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	140192		
250	94.9		77.4	116.0
141	117.9		63.6	95.4





#67

Hexachlorobenzene

Concen: 29.91 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

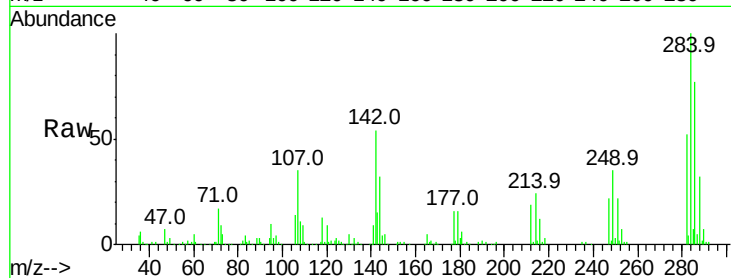
ClientSampleId :

SP-14MSD

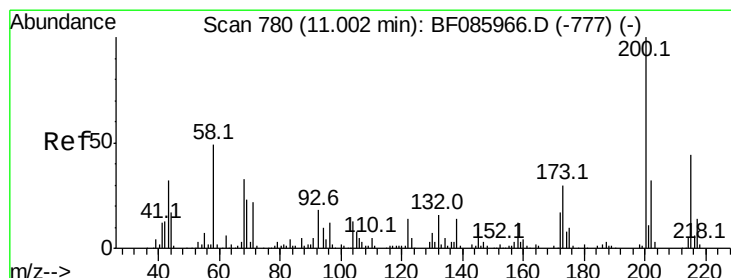
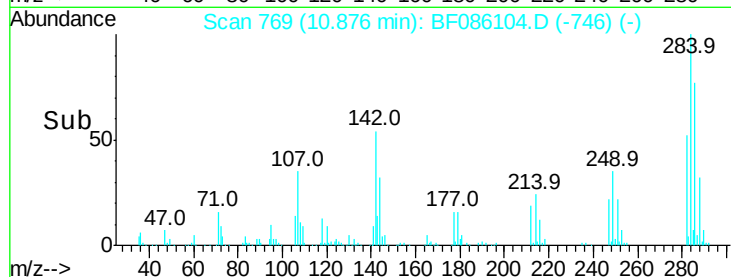
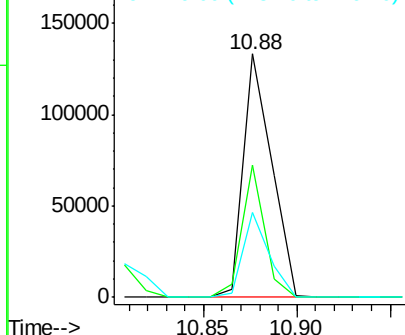
Tot Ion:	284	Resp:	140533
Ion Ratio	Lower	Upper	
284	100		
142	54.4	23.1	34.7#
249	34.6	24.2	36.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 34.97 ng

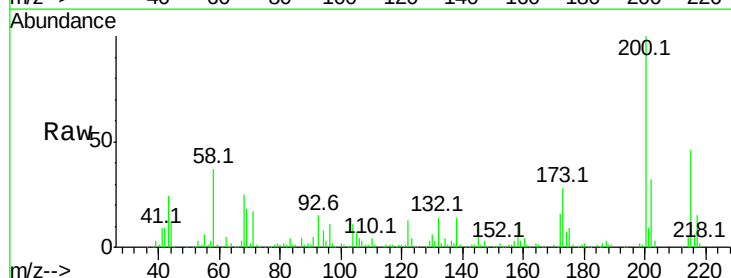
RT: 10.98 min Scan# 778

Delta R.T. -0.02 min

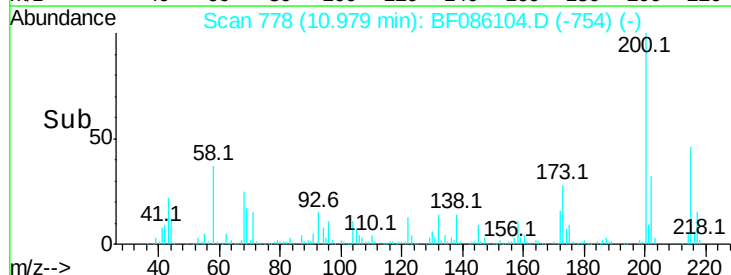
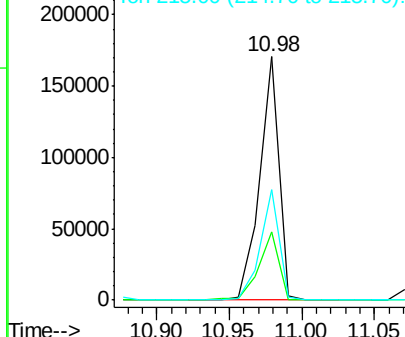
Lab File: BF086104.D

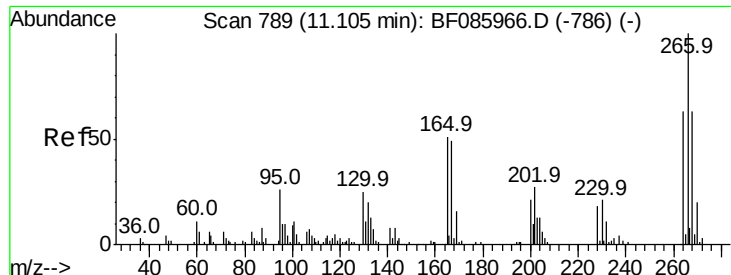
Acq: 6 Apr 2016 18:09

Tgt Ion:	200	Resp:	157232
Ion Ratio	Lower	Upper	
200	100		
173	28.1	7.7	47.7
215	45.6	25.4	65.4



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





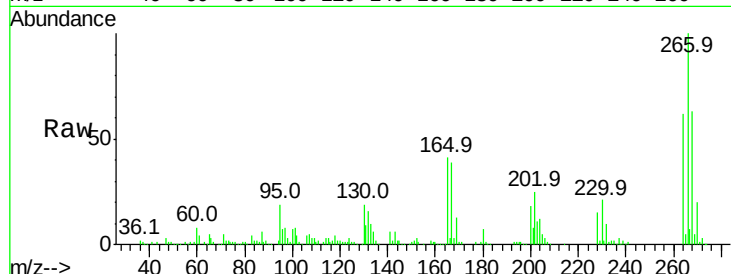
#69
 Pentachlorophenol
 Concen: 65.77 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.02 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

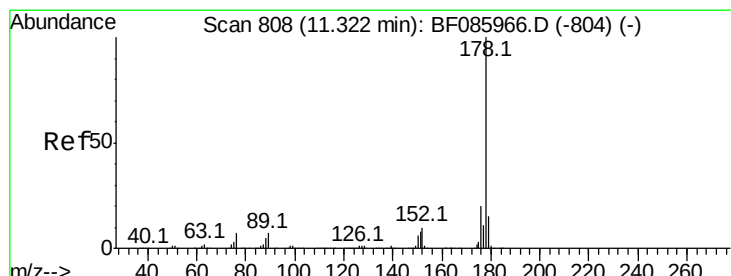
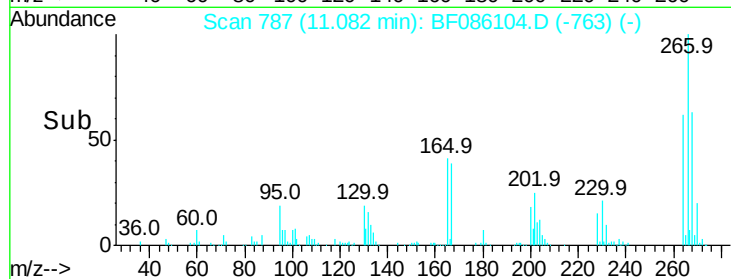
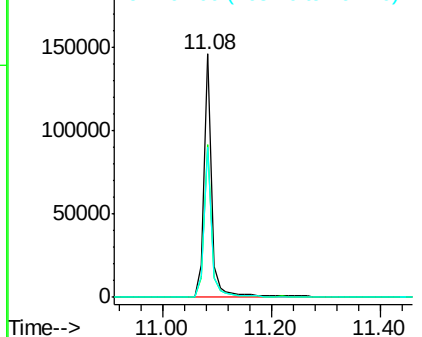
Tot Ion	Ratio	Resp	Lower	Upper
266	100	144819		
268	63.0		51.5	77.3
264	61.9		50.6	76.0

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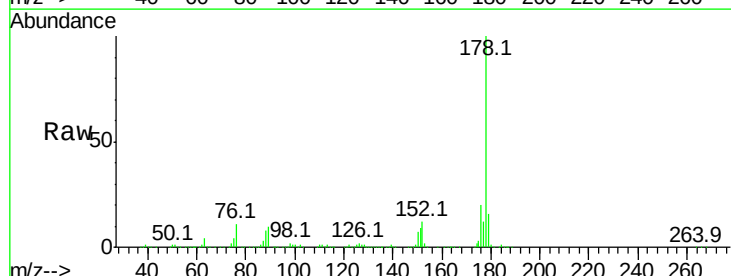


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

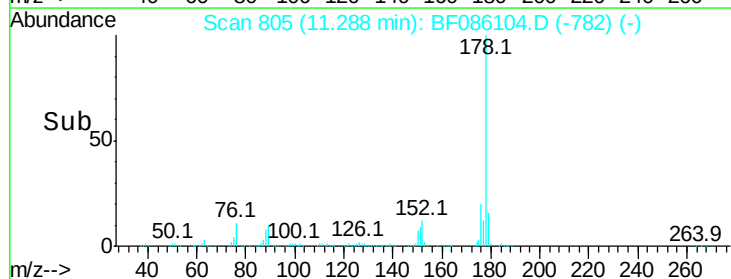
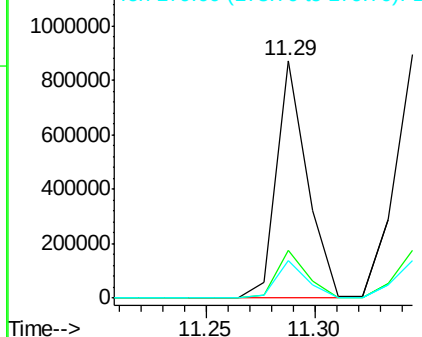


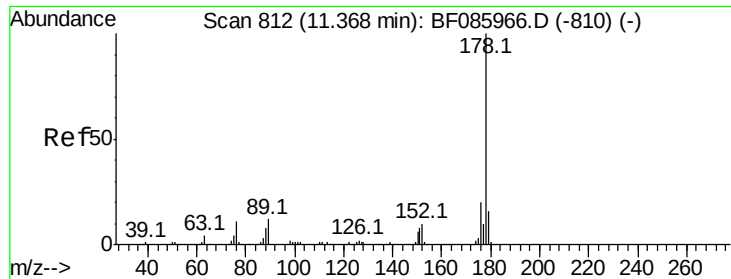
#70
 Phenanthrene
 Concen: 35.46 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	860945		
176	20.3		16.3	24.5
179	16.0		12.6	18.8



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: 33.18 ng

RT: 11.34 min Scan# 810

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

ClientSampleId :

SP-14MSD

Tot Ion:178 Resp: 843777

Ion Ratio Lower Upper

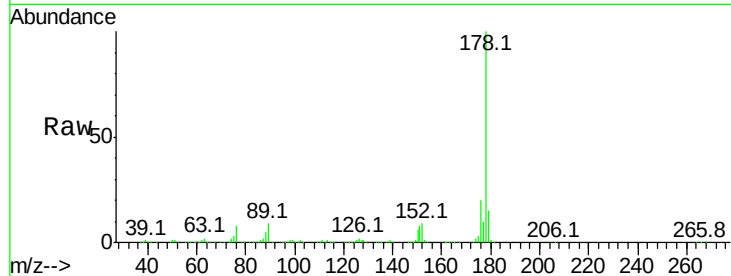
178 100

176 19.6 15.9 23.9

179 15.3 13.0 19.4

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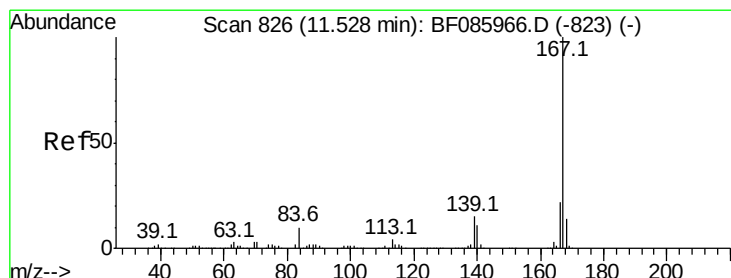
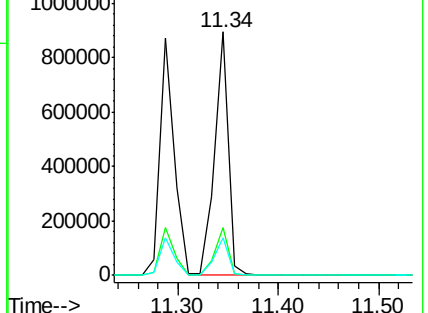
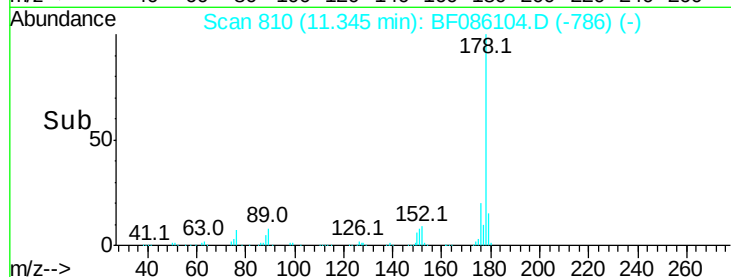
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 30.96 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

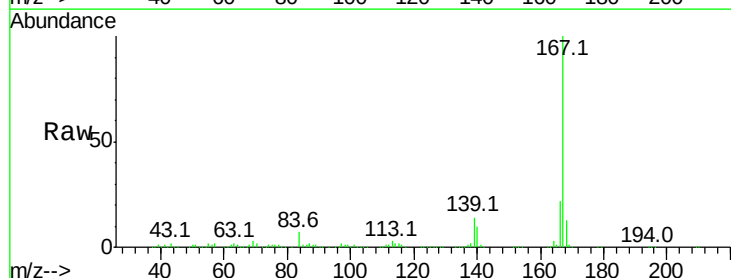
Tgt Ion:167 Resp: 676903

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.8

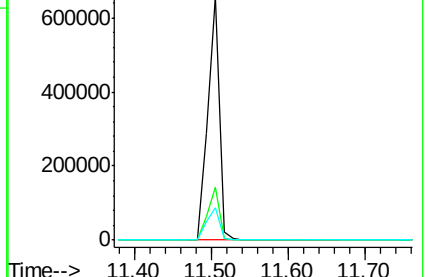
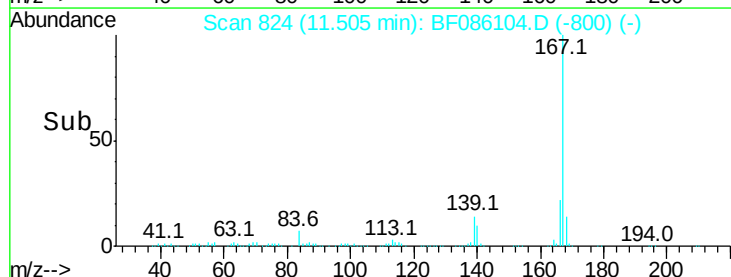
139 13.6 11.6 17.4

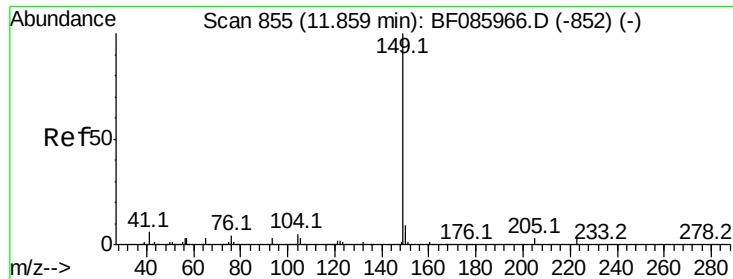


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 29.46 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

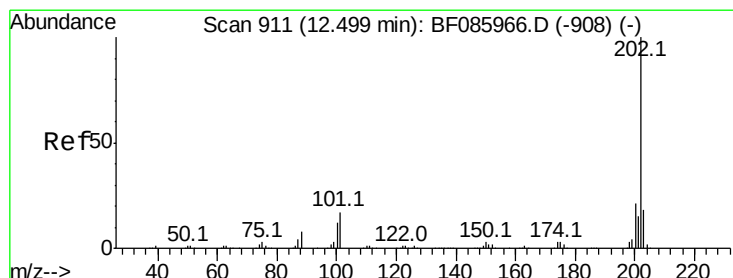
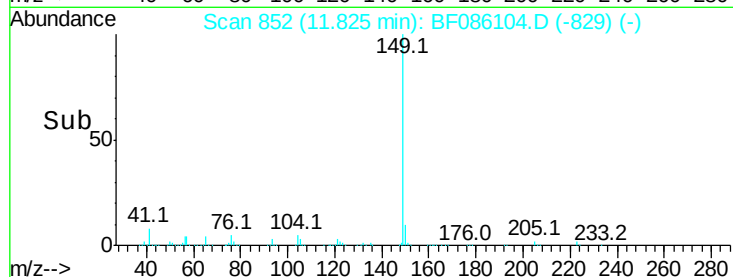
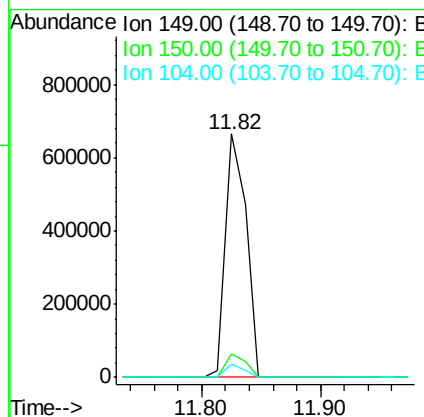
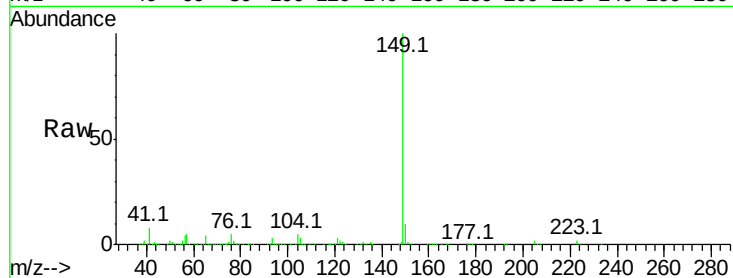
ClientSampleId :

SP-14MSD

Tot Ion:	149	Resp:	797859
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.6	11.4
104	5.5	3.8	5.8

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#74

Fluoranthene

Concen: 33.15 ng

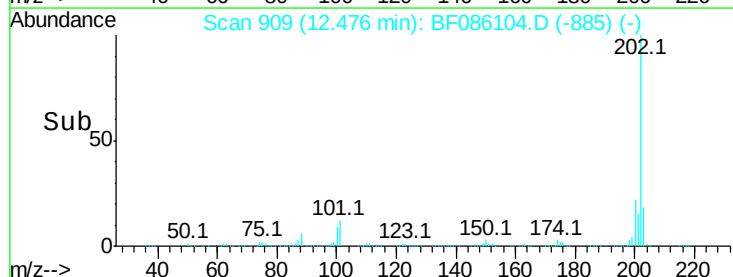
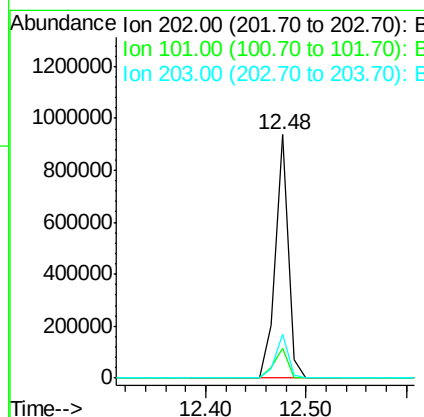
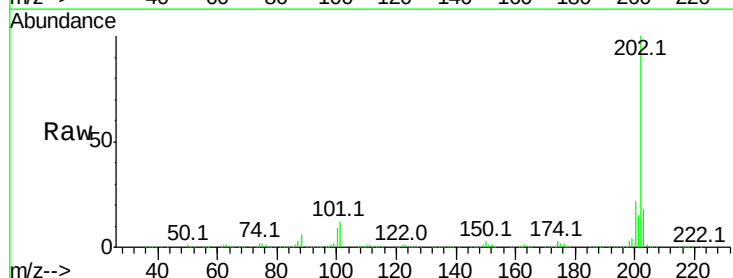
RT: 12.48 min Scan# 909

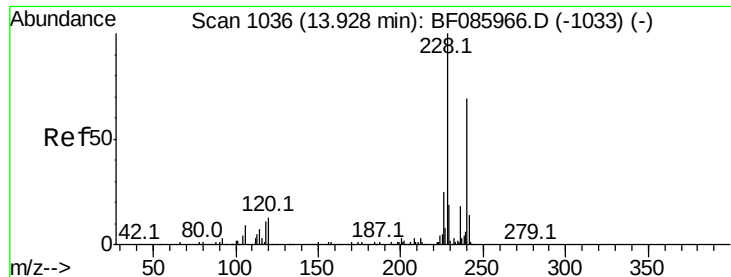
Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	202	Resp:	837000
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	36.6
203	17.9	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

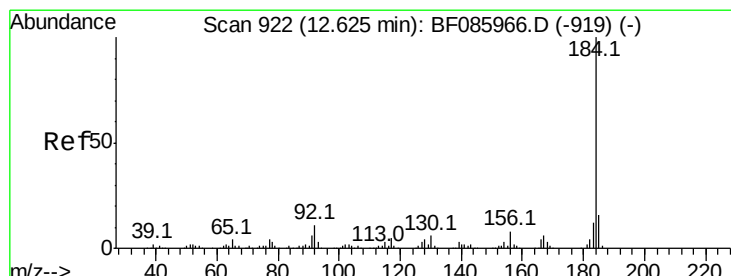
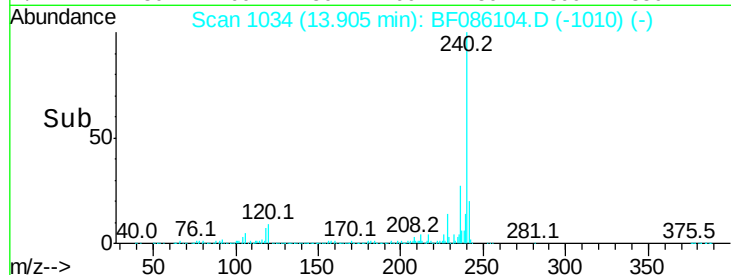
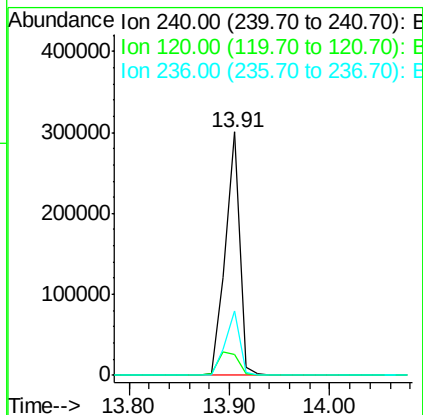
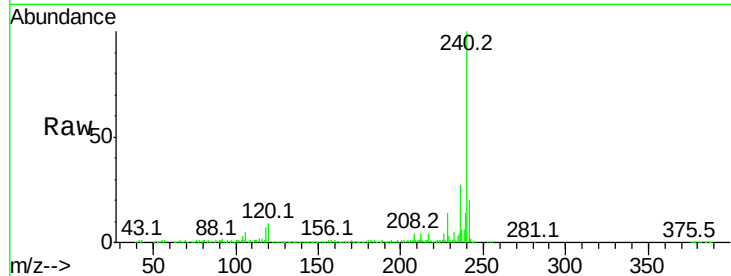
ClientSampleId :

SP-14MSD

Tot Ion:	240	Resp:	301870
Ion Ratio	Lower	Upper	
240	100		
120	8.6	13.8	20.8#
236	26.6	20.6	30.8

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#76

Benzidine

Concen: 27.03 ng

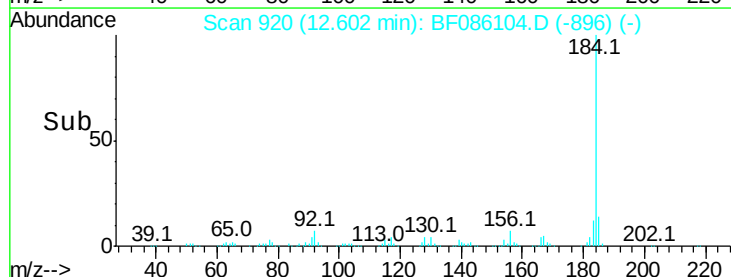
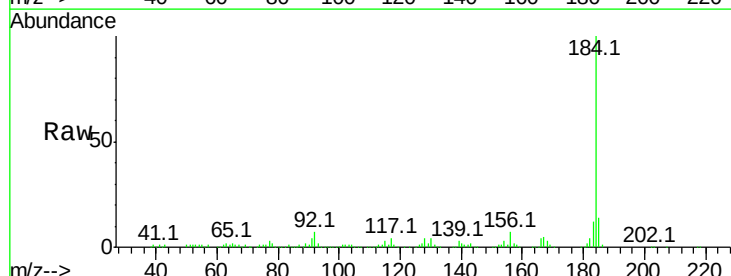
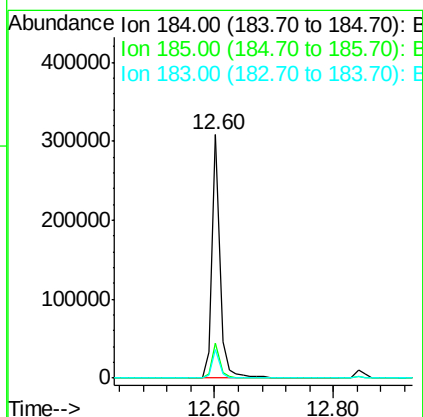
RT: 12.60 min Scan# 920

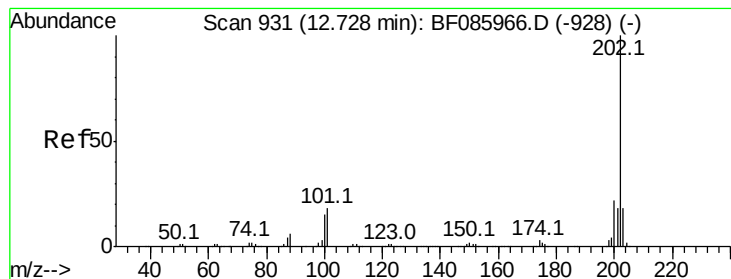
Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	184	Resp:	287898
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.4	18.6
183	11.8	9.4	14.2





#77

Pvrene

Concen: 38.37 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

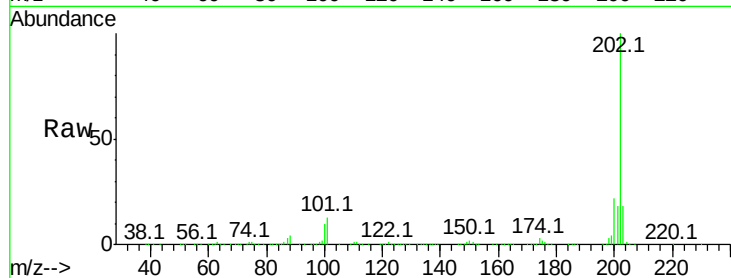
ClientSampleId :

SP-14MSD

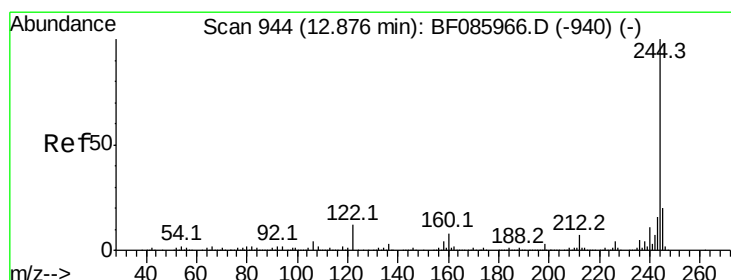
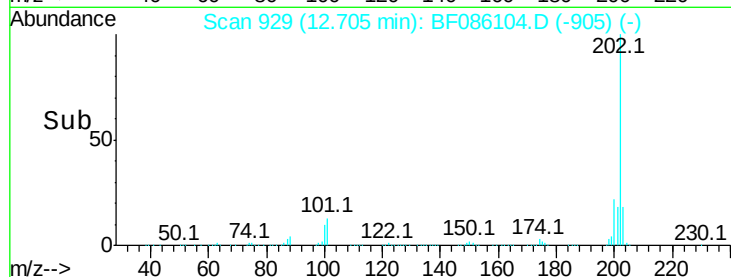
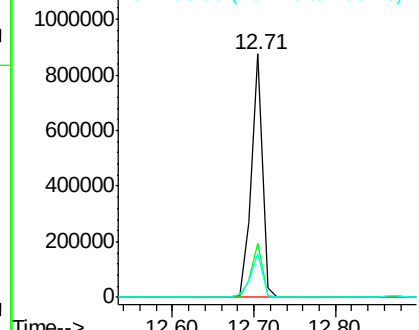
Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	17.6	26.4
203	18.1	14.0	21.0

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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: 56.98 ng

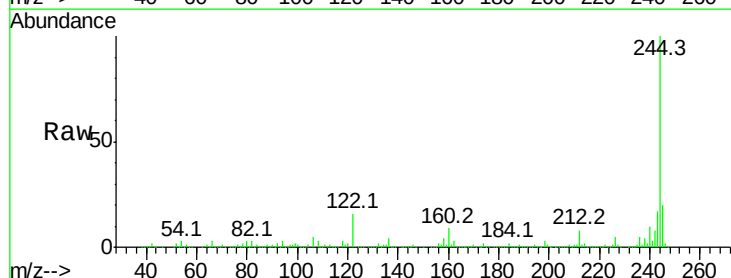
RT: 12.84 min Scan# 941

Delta R.T. -0.03 min

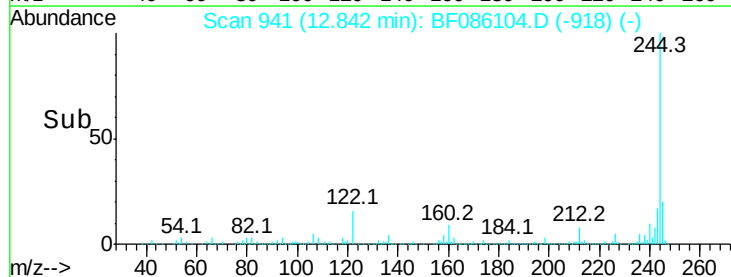
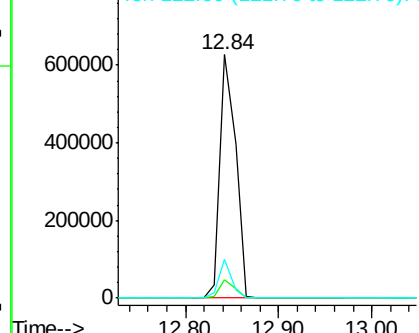
Lab File: BF086104.D

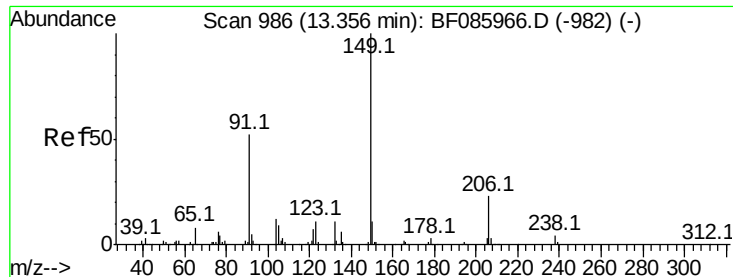
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	15.7	10.2	15.4#



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





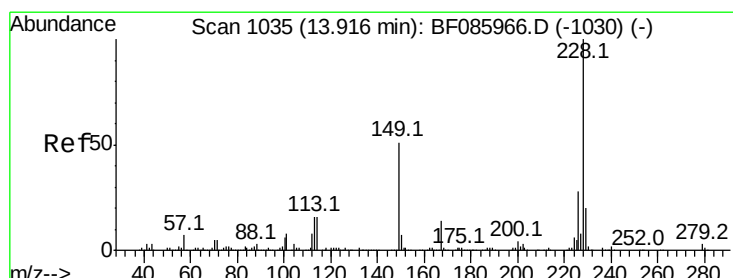
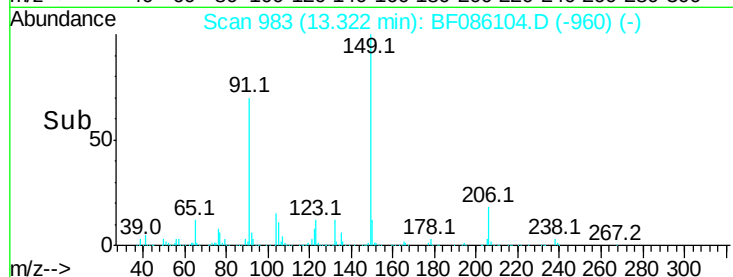
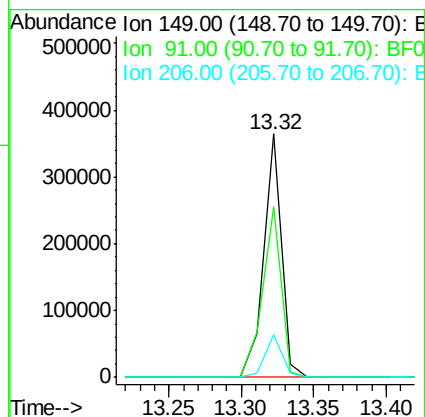
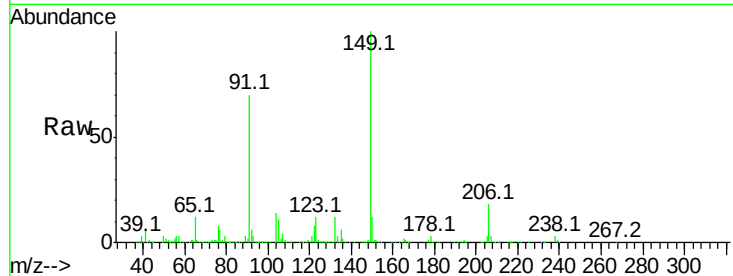
#79
Butylbenzylphthalate
Concen: 32.21 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
91	70.1	45.8	68.8#	
206	17.7	17.8	26.8#	

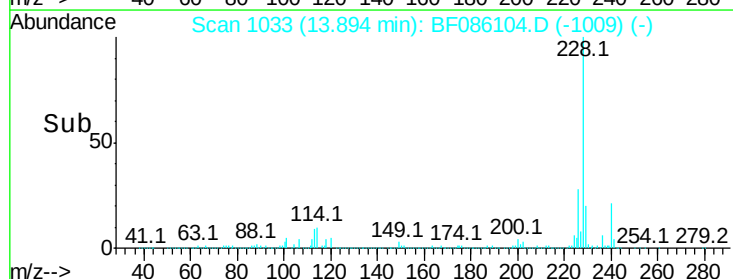
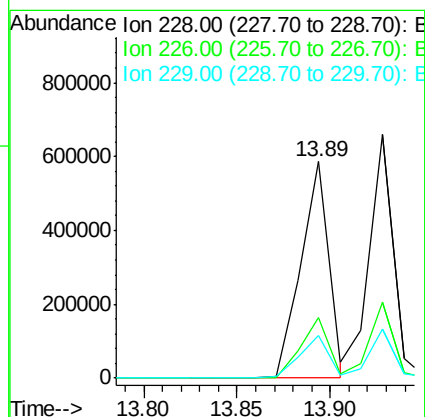
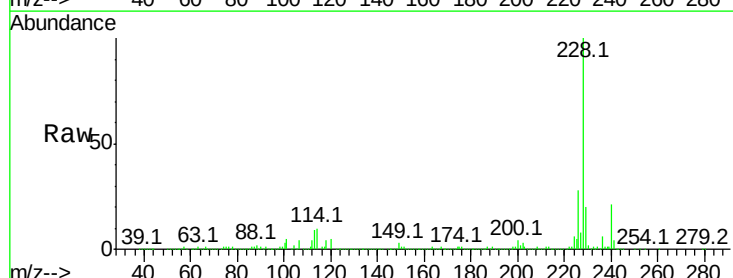
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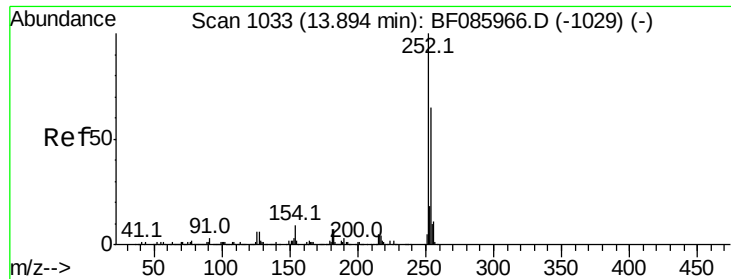
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#80
Benzo(a)anthracene
Concen: 34.60 ng
RT: 13.89 min Scan# 1033
Delta R.T. -0.02 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.8	22.1	33.1	
229	19.6	16.2	24.4	





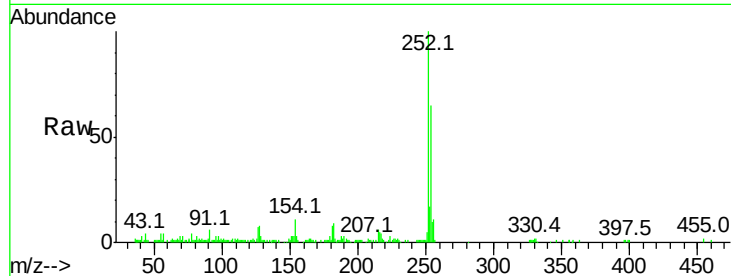
#81
 3,3'-Dichlorobenzidine
 Concen: 7.55 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

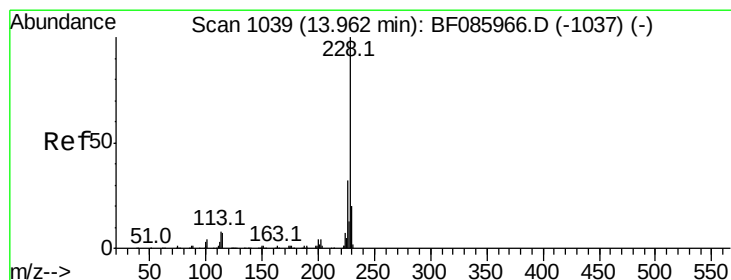
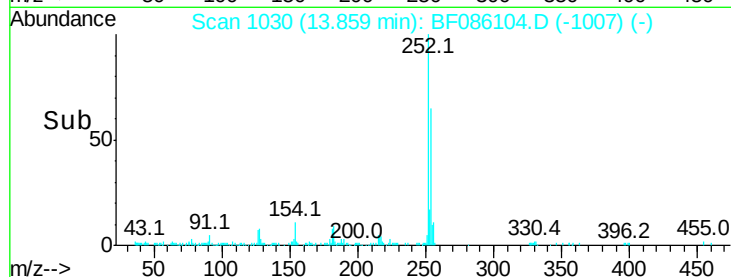
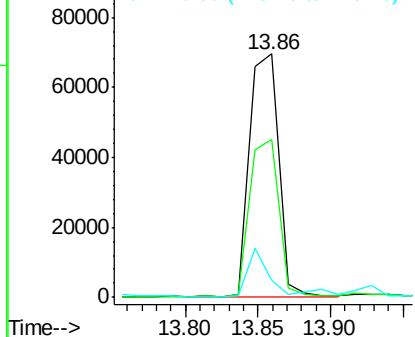
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.7	76.1
126	7.2	11.8	17.6

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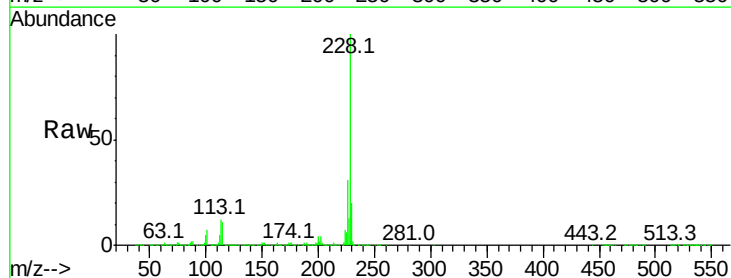


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

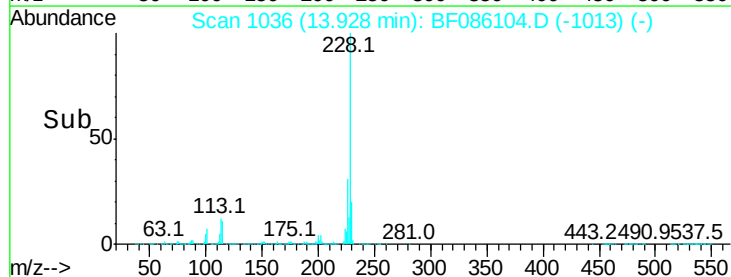
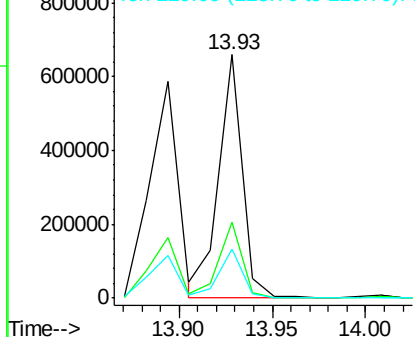


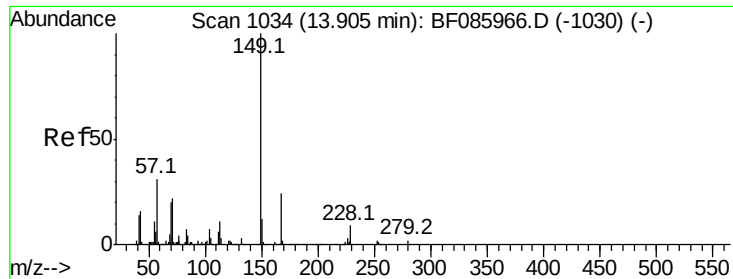
#82
 Chrysene
 Concen: 33.80 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	20.2	15.7	23.5



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 32.43 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

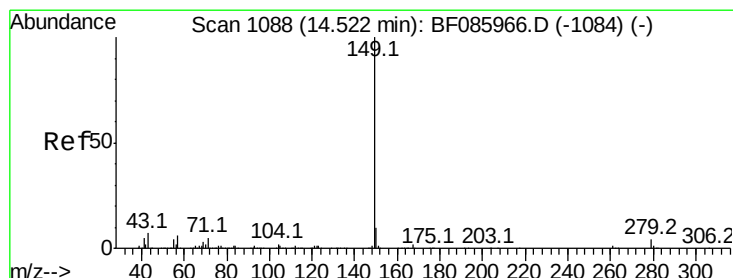
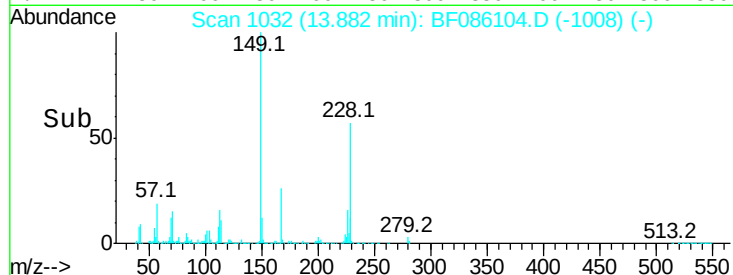
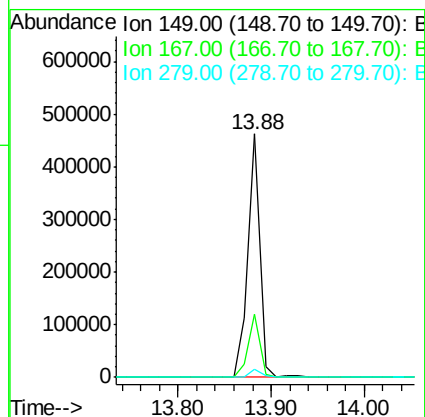
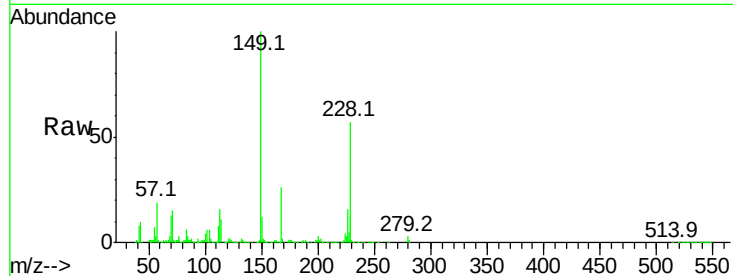
ClientSampleId :

SP-14MSD

Tot Ion:	149	Resp:	412334
Ion Ratio	Lower	Upper	
149	100		
167	25.9	19.4	29.2
279	3.4	1.5	2.3#

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#84

Di-n-octyl phthalate

Concen: 34.21 ng

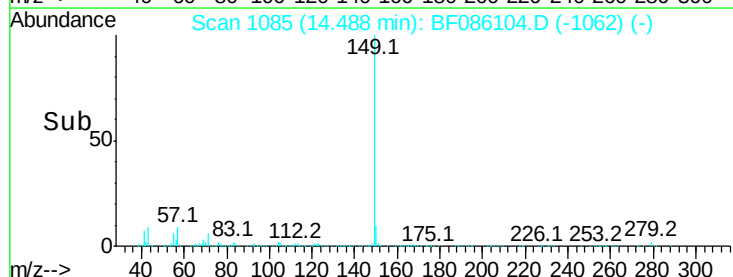
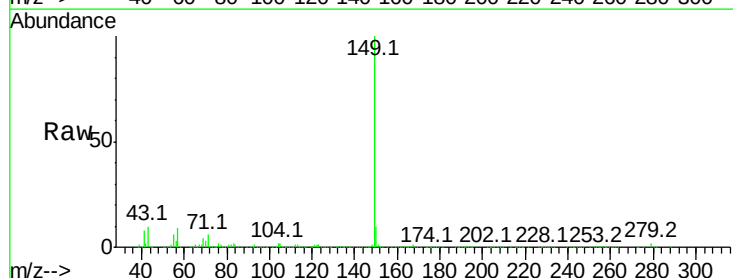
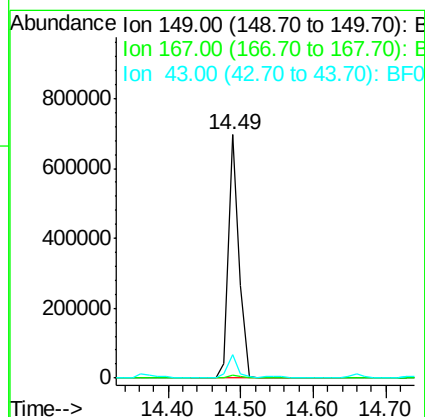
RT: 14.49 min Scan# 1085

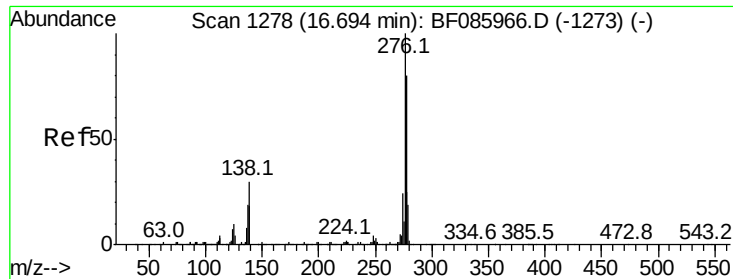
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	149	Resp:	694450
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	8.6	7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 46.29 ng

RT: 16.65 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

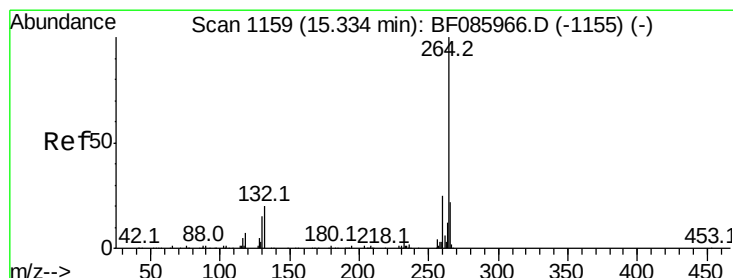
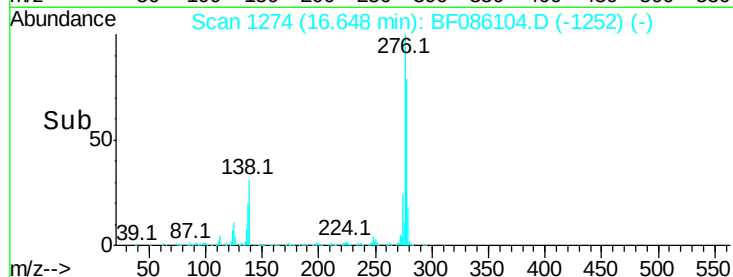
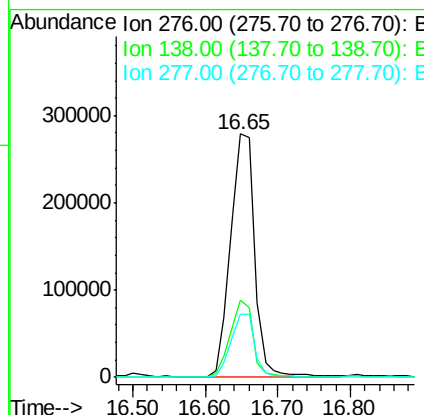
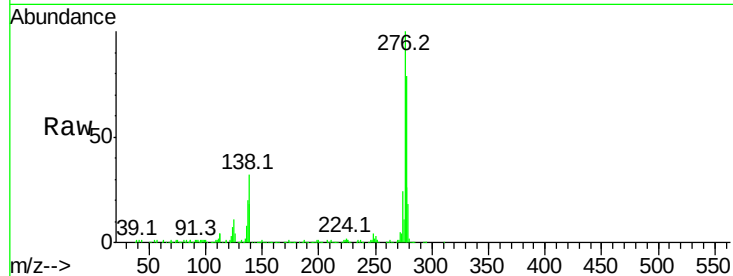
ClientSampleId :

SP-14MSD

Tot Ion:	276	Resp:	643699
Ion Ratio	Lower	Upper	
276	100		
138	29.8	24.2	36.4
277	25.5	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

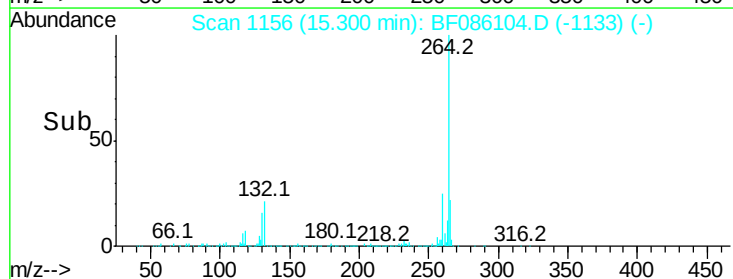
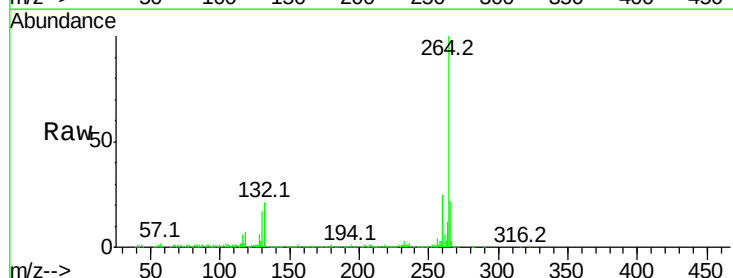
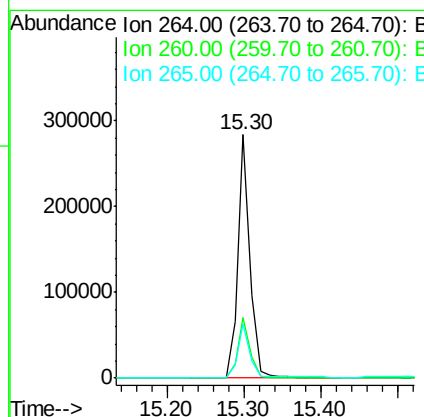
RT: 15.30 min Scan# 1156

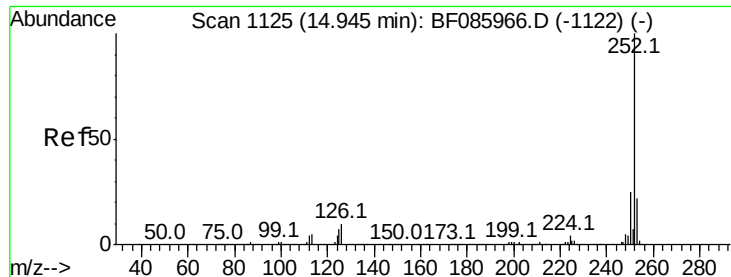
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	264	Resp:	320583
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.4	29.2
265	22.4	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 34.08 ng m

RT: 14.91 min Scan# 1122

Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Instrument :

BNA_F

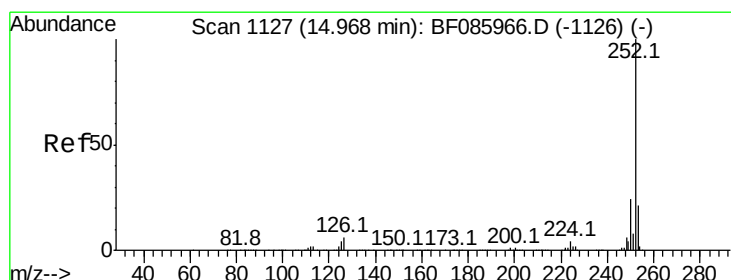
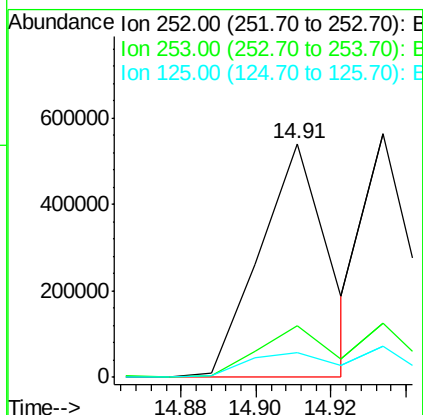
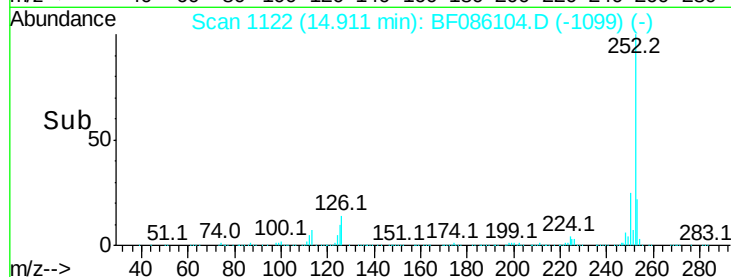
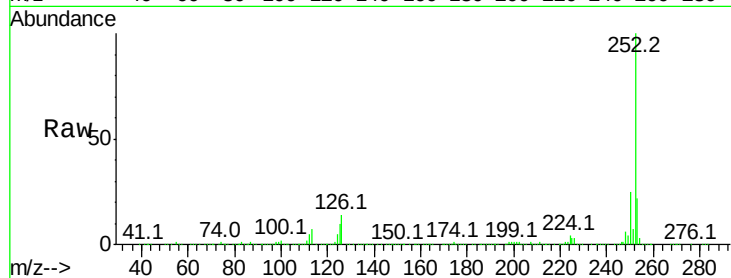
ClientSampleId :

SP-14MSD

Tot Ion:	252	Resp:	687204
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	10.4	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 28.12 ng m

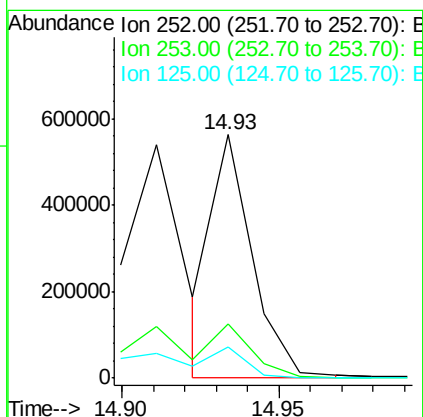
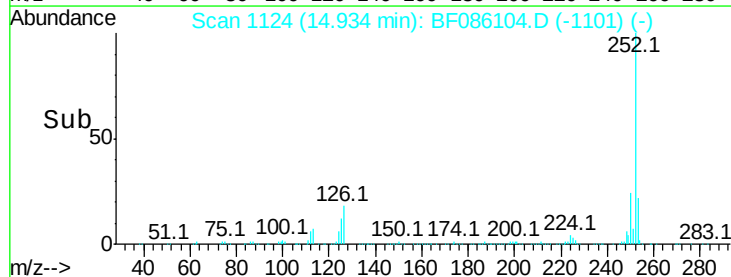
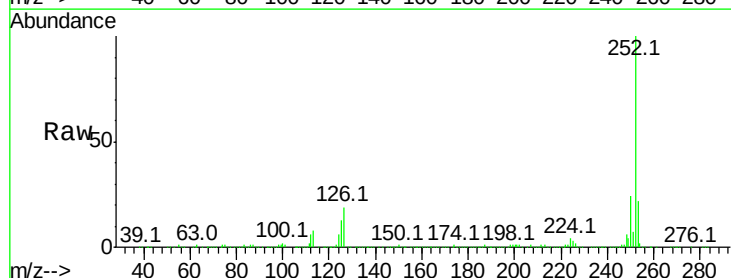
RT: 14.93 min Scan# 1124

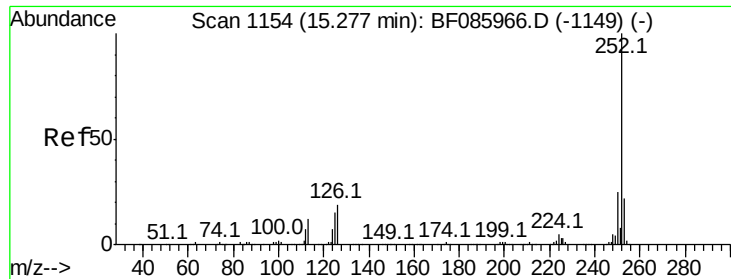
Delta R.T. -0.03 min

Lab File: BF086104.D

Acq: 6 Apr 2016 18:09

Tgt Ion:	252	Resp:	502262
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	12.6	7.7	11.5#





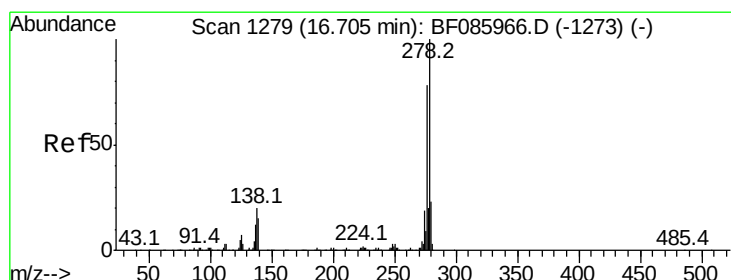
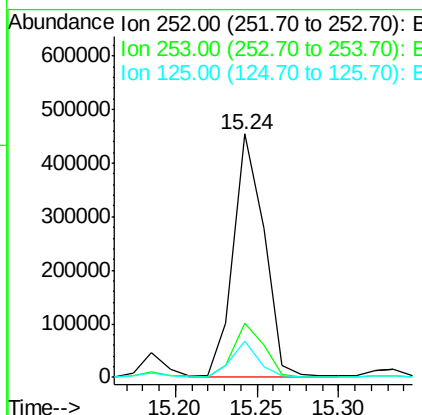
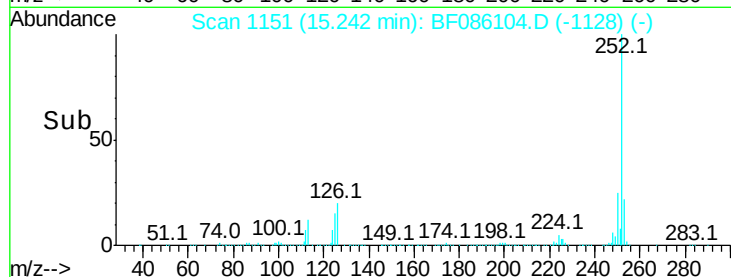
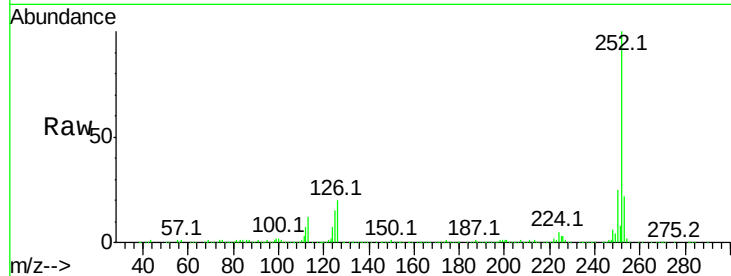
#89
Benzo(a)pyrene
Concen: 33.18 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Instrument :
BNA_F
ClientSampleId :
SP-14MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	592911		
253	22.3	17.4	26.0	
125	15.0	10.3	15.5	

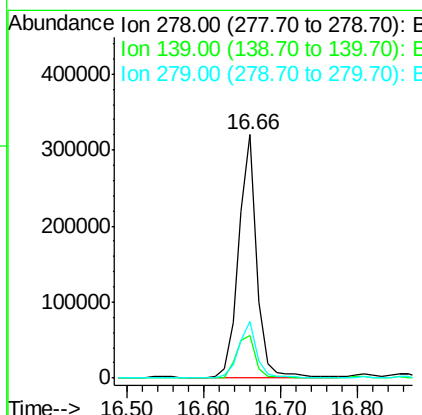
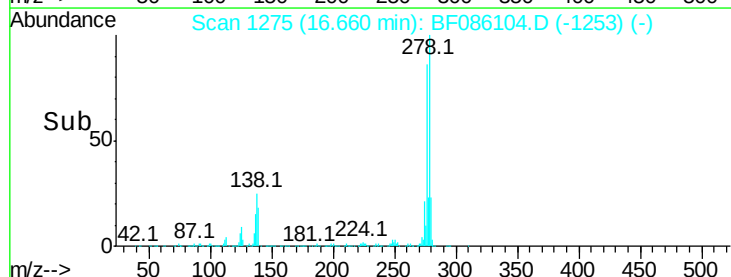
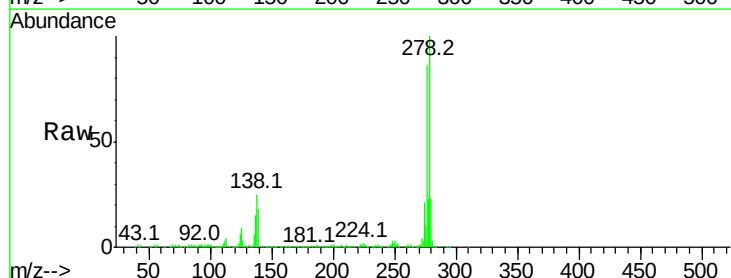
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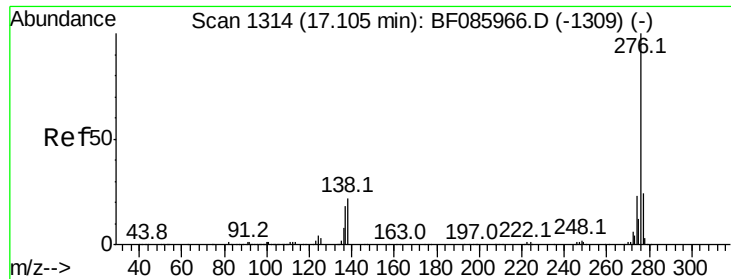
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#90
Dibenzo(a,h)anthracene
Concen: 36.48 ng
RT: 16.66 min Scan# 1275
Delta R.T. -0.05 min
Lab File: BF086104.D
Acq: 6 Apr 2016 18:09

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	524382		
139	17.7	14.4	21.6	
279	23.4	19.1	28.7	





#91
 Benzo(a,h,i)perylene
 Concen: 38.40 ng
 RT: 17.05 min Scan# 1309
 Delta R.T. -0.06 min
 Lab File: BF086104.D
 Acq: 6 Apr 2016 18:09

Instrument :
 BNA_F
 ClientSampleId :
 SP-14MSD

Tot Ion:	276	Resp:	534213
Ion Ratio	Lower	Upper	
276	100		
277	24.2	18.8	28.2
138	27.9	22.6	34.0

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