

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086166.D
 Acq On : 8 Apr 2016 14:14
 Operator : UM/SJ
 Sample : PB89612BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 PB89612BS

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:11 PM

Quant Time: Apr 08 23:53:53 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	6.73	152	111873	20.00	ng	-0.05
21) Naphthalene-d8	8.01	136	449119	20.00	ng	-0.06
38) Acenaphthene-d10	9.77	164	217455	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	394932	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	287606	20.00	ng	-0.05
86) Perylene-d12	15.28	264	241001	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	729748	111.50	ng	-0.03
7) Phenol-d6	6.38	99	977334	117.56	ng	-0.03
23) Nitrobenzene-d5	7.30	82	583961	76.68	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	223738	109.62	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1109051	84.80	ng	-0.05
78) Terphenyl-d14	12.83	244	937082	76.59	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.33	88	97868	31.54	ng	97
3) Pyridine	3.02	79	253287	36.46	ng	99
4) n-Nitrosodimethylamine	2.97	42	121991	39.94	ng	97
6) Aniline	6.40	93	175463	16.09	ng	# 1
8) 2-Chlorophenol	6.51	128	294180	37.69	ng	88
9) Benzaldehyde	6.28	77	97877	21.88	ng	91
10) Phenol	6.40	94	393962	41.54	ng	96
11) bis(2-Chloroethyl)ether	6.46	93	278835m	37.13	ng	
12) 1,3-Dichlorobenzene	6.67	146	302864	36.61	ng	99
13) 1,4-Dichlorobenzene	6.74	146	312319	36.64	ng	99
14) 1,2-Dichlorobenzene	6.90	146	293638	37.43	ng	99
15) Benzyl Alcohol	6.89	79	231570	43.05	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.01	45	327451	35.69	ng	77
17) 2-Methylphenol	7.00	107	242822	39.46	ng	96
18) Hexachloroethane	7.23	117	115652	36.89	ng	# 83
19) n-Nitroso-di-n-propylamine	7.15	70	200657	38.94	ng	95
20) 3+4-Methylphenols	7.16	107	322205	43.05	ng	# 61
22) Acetophenone	7.15	105	413046	39.12	ng	# 89
24) Nitrobenzene	7.32	77	320819	38.51	ng	# 86
25) Isophorone	7.56	82	586462	39.01	ng	96
26) 2-Nitrophenol	7.64	139	160789	40.34	ng	# 90
27) 2,4-Dimethylphenol	7.69	122	282122	39.40	ng	93
28) bis(2-Chloroethoxy)methane	7.77	93	347035	39.34	ng	98
29) 2,4-Dichlorophenol	7.88	162	250487	41.38	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	260174	38.29	ng	95
31) Naphthalene	8.03	128	836921	37.05	ng	99
32) Benzoic acid	7.82	122	138406	26.35	ng	98
33) 4-Chloroaniline	8.10	127	93280	10.22	ng	98
34) Hexachlorobutadiene	8.16	225	139088	38.08	ng	98
35) Caprolactam	8.46	113	79156m	41.22	ng	
36) 4-Chloro-3-methylphenol	8.59	107	266812	39.21	ng	97
37) 2-Methylnaphthalene	8.73	142	567301	38.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	244575	37.42	ng	100
40) Hexachlorocyclopentadiene	8.88	237	141305	64.90	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	155640	37.08	nq	100
43) 2,4,5-Trichlorophenol	9.06	196	165574	38.86	nq #	87
45) 1,1'-Biphenyl	9.20	154	669669	35.72	nq	94
46) 2-Chloronaphthalene	9.22	162	524094	38.56	nq	98
47) 2-Nitroaniline	9.32	65	165569	41.63	nq	99
48) Acenaphthylene	9.63	152	837415	38.46	nq	100
49) Dimethylphthalate	9.49	163	600791	37.28	nq	100
50) 2,6-Dinitrotoluene	9.56	165	120502	35.34	nq	94
51) Acenaphthene	9.80	154	496798	38.37	nq	99
52) 3-Nitroaniline	9.73	138	68620	16.70	nq	97
53) 2,4-Dinitrophenol	9.86	184	106911	54.89	nq #	69
54) Dibenzofuran	9.97	168	685760	40.10	nq	99
55) 4-Nitrophenol	9.92	139	149343	61.64	nq	93
56) 2,4-Dinitrotoluene	9.97	165	163895	38.04	nq #	58
57) Fluorene	10.32	166	563413	38.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	132526	41.77	nq	95
59) Diethylphthalate	10.19	149	582507	35.81	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	248465	36.51	nq	99
61) 4-Nitroaniline	10.35	138	139571	34.48	nq	92
62) Azobenzene	10.46	77	638664	40.99	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	82227	34.36	nq #	77
65) n-Nitrosodiphenylamine	10.43	169	491047	39.76	nq	99
66) 4-Bromophenyl-phenylether	10.80	248	164874	40.89	nq	95
67) Hexachlorobenzene	10.86	284	171429	41.11	nq	98
68) Atrazine	10.96	200	142224	35.64	nq	96
69) Pentachlorophenol	11.06	266	123817	63.36	nq	100
70) Phenanthrene	11.28	178	856276	39.74	nq	99
71) Anthracene	11.32	178	777657	34.46	nq	100
72) Carbazole	11.48	167	685977	35.36	nq	99
73) Di-n-butylphthalate	11.81	149	919382	38.24	nq	100
74) Fluoranthene	12.45	202	795517	35.50	nq	100
76) Benzidine	12.59	184	269314	26.54	nq	97
77) Pyrene	12.68	202	786102	38.79	nq	99
79) Butylbenzylphthalate	13.31	149	390329	42.77	nq	95
80) Benzo(a)anthracene	13.87	228	654723	38.62	nq	99
81) 3,3'-Dichlorobenzidine	13.84	252	114616	9.26	nq	99
82) Chrysene	13.92	228	650494	39.83	nq	99
83) Bis(2-ethylhexyl)phthalate	13.86	149	501368	41.39	nq	99
84) Di-n-octyl phthalate	14.48	149	883747	45.69	nq	99
85) Indeno(1,2,3-cd)pyrene	16.61	276	479197	36.17	nq	99
87) Benzo(b)fluoranthene	14.89	252	565289m	37.29	nq	
88) Benzo(k)fluoranthene	14.91	252	558373m	41.59	nq	
89) Benzo(a)pyrene	15.22	252	515434	38.37	nq	97
90) Dibenzo(a,h)anthracene	16.63	278	408853	37.83	nq	97
91) Benzo(g,h,i)perylene	17.01	276	393510	37.62	nq	98

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

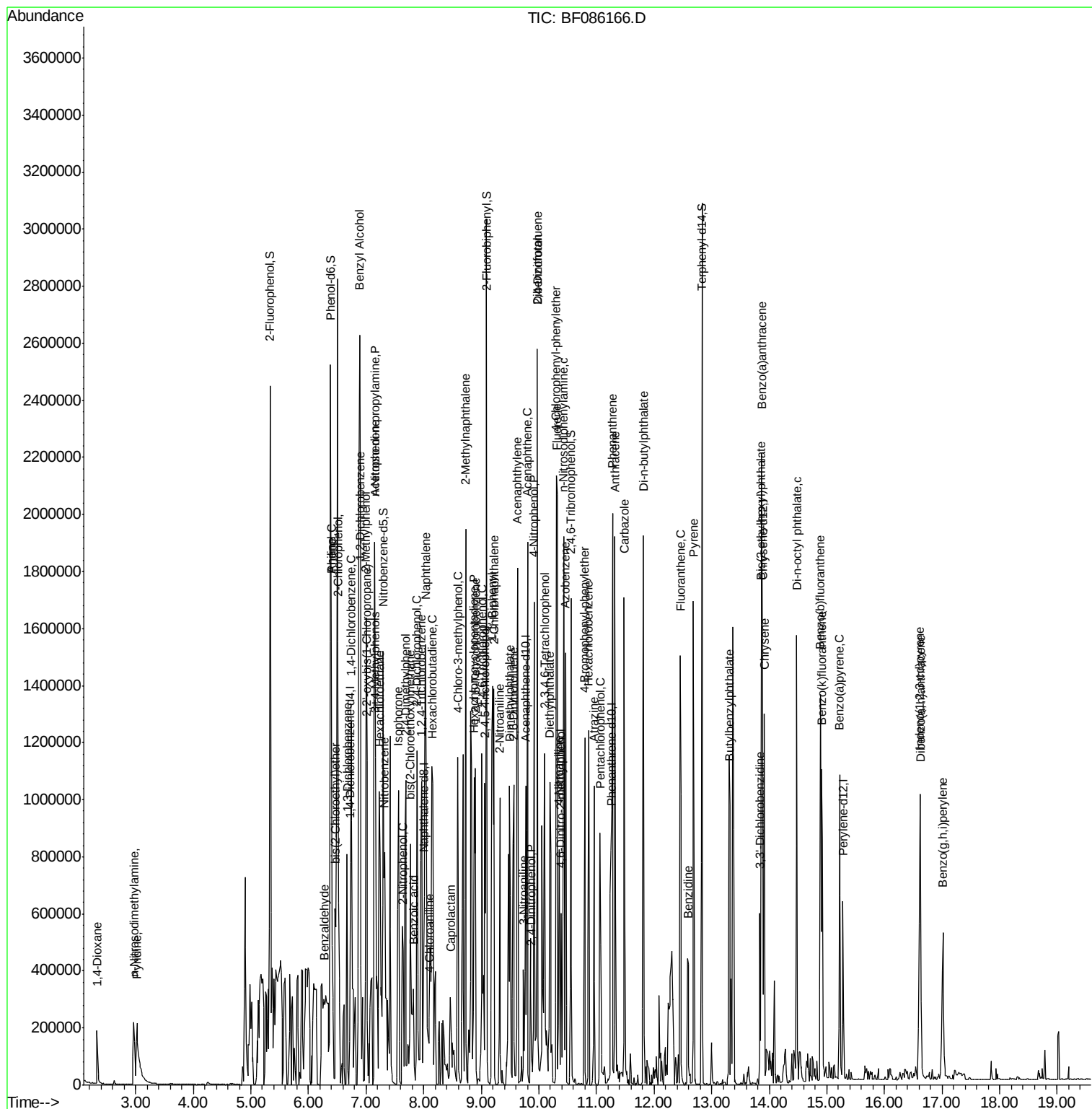
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Operator  : UM/SJ  
Sample    : PB89612BS  
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ALS Vial  : 5 Sample Multiplier: 1
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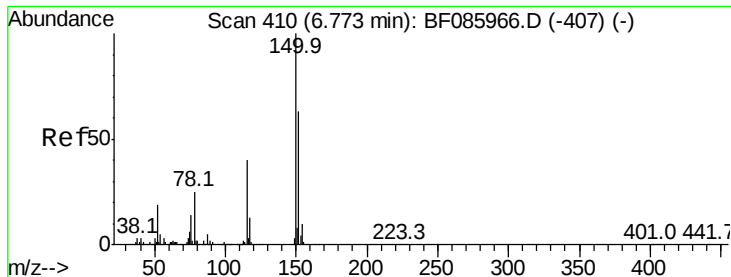
Instrument :
BNA_F
ClientSampleId :
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#1

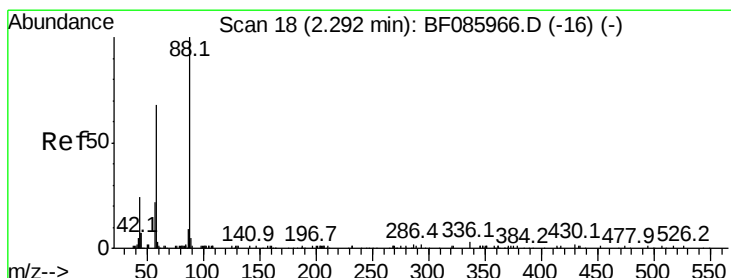
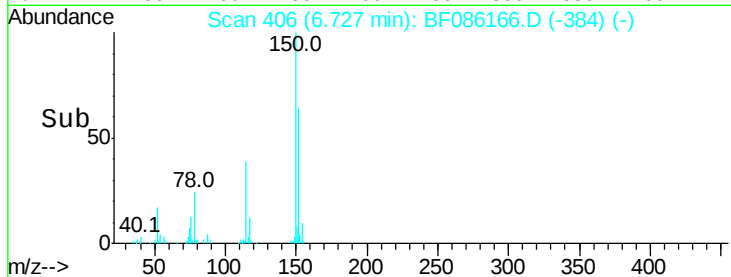
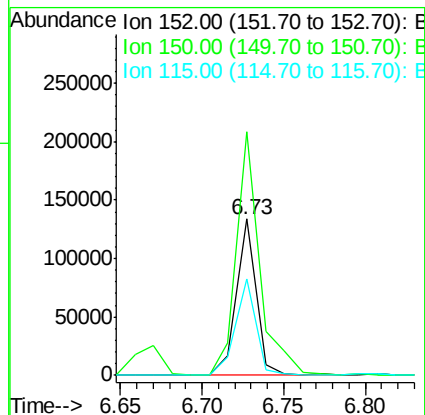
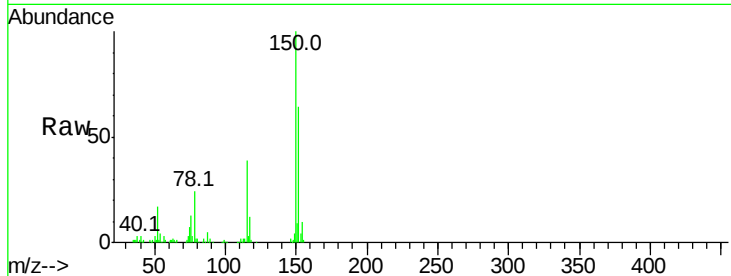
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.2	186.2
115	61.4	47.0	70.6

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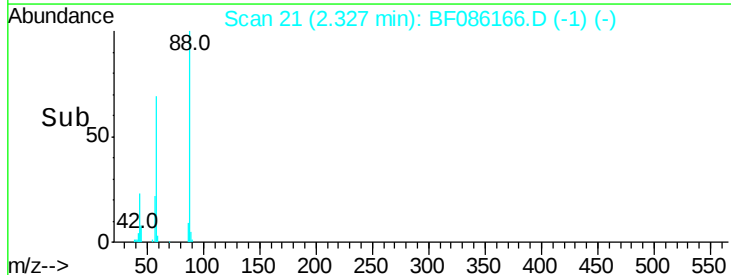
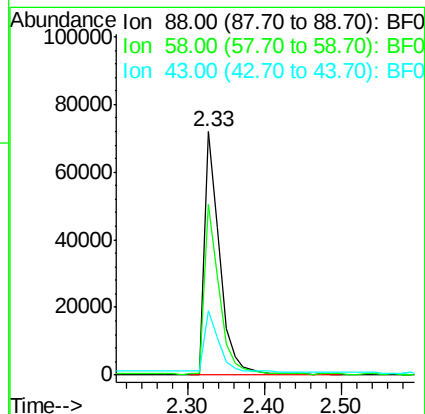
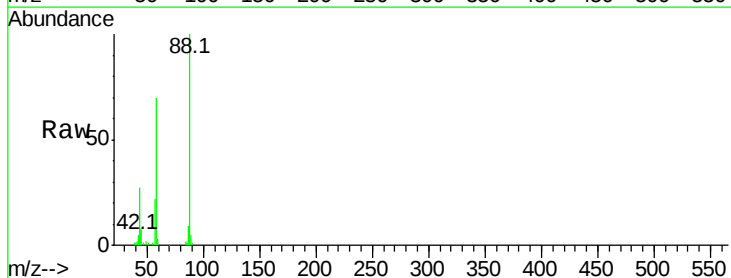
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#2

1,4-Dioxane
Concen: 31.54 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.2	54.2	81.2
43	24.7	19.3	28.9





#3

Pvridine

Concen: 36.46 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

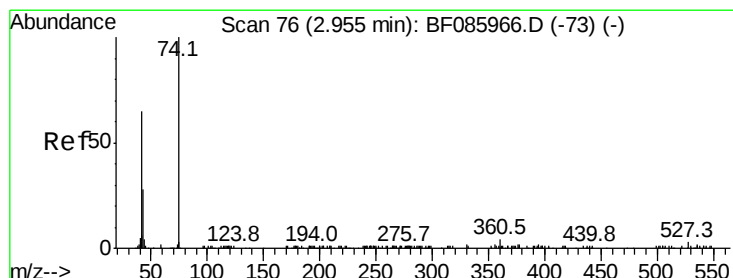
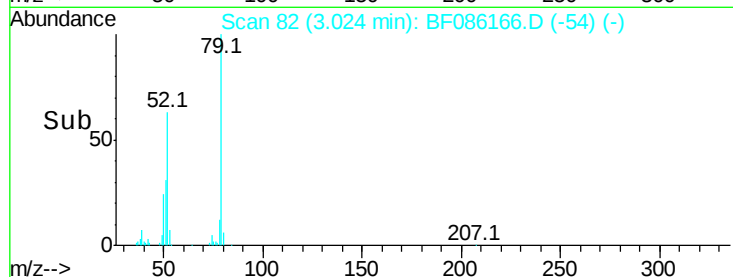
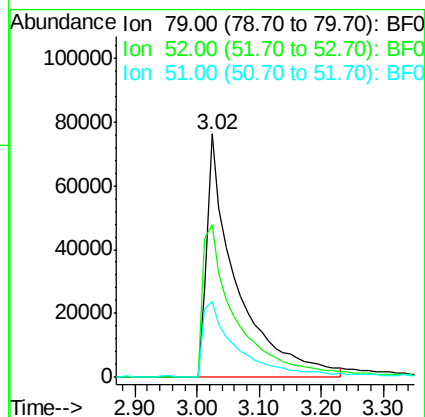
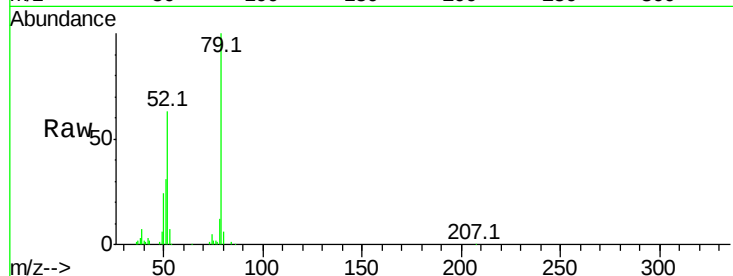
ClientSampleId :

PB89612BS

Tot Ion	79	Resp	253287
Ion Ratio	Lower	Upper	
79	100		
52	62.7	49.8	74.6
51	31.2	24.7	37.1

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#4

n-Nitrosodimethylamine

Concen: 39.94 ng

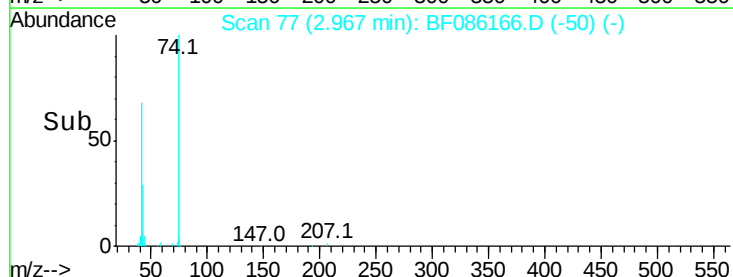
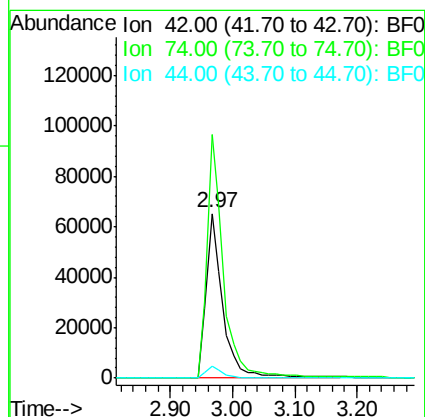
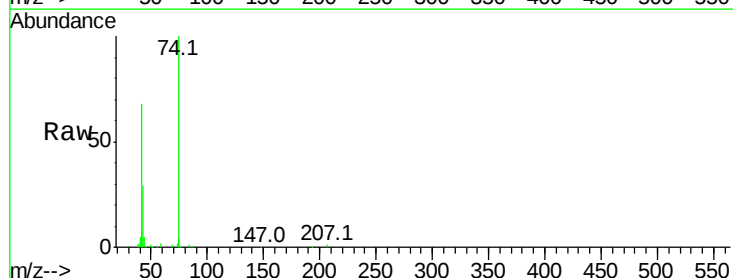
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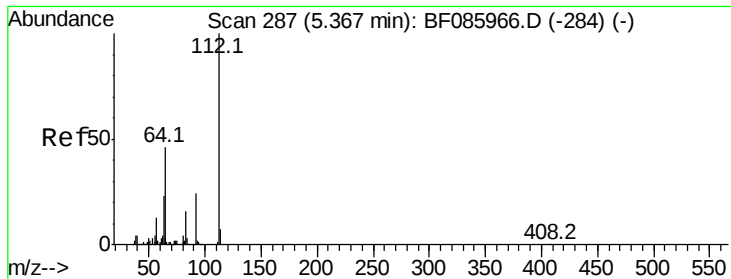
Delta R.T. 0.01 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion	42	Resp	121991
Ion Ratio	Lower	Upper	
42	100		
74	148.0	121.4	182.2
44	7.2	5.6	8.4





#5

2-Fluorophenol

Concen: 111.50 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

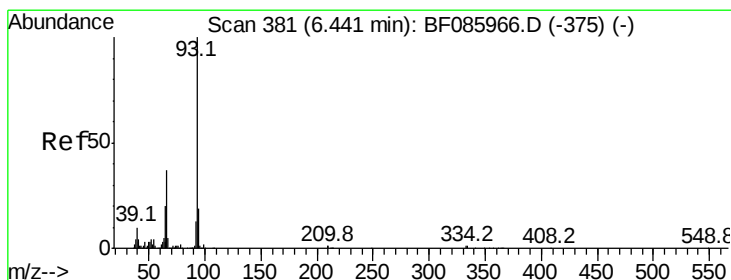
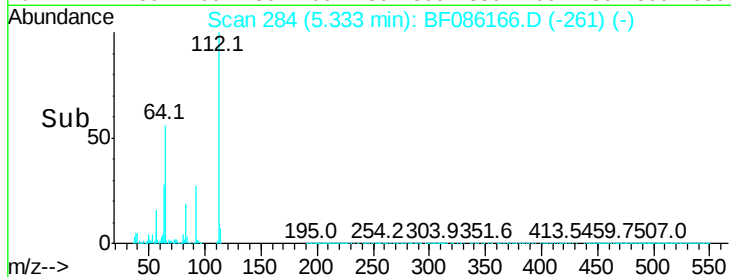
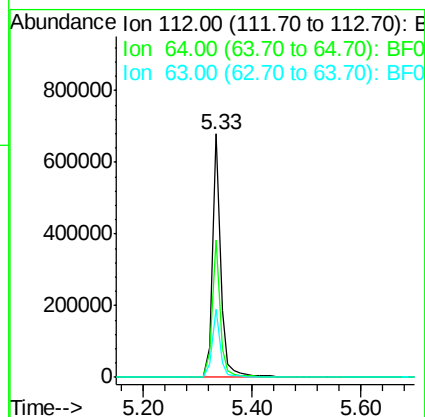
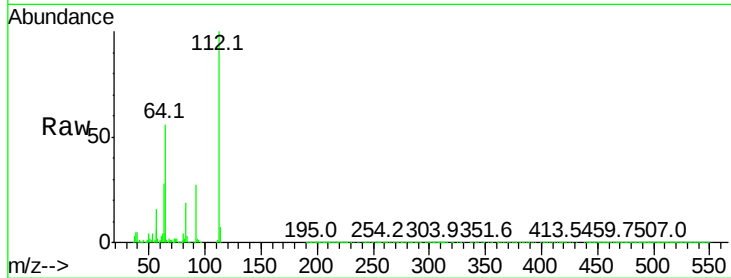
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		729748		
64	56.2	39.9	59.9		
63	28.2	20.2	30.2		



#6

Aniline

Concen: 16.09 ng

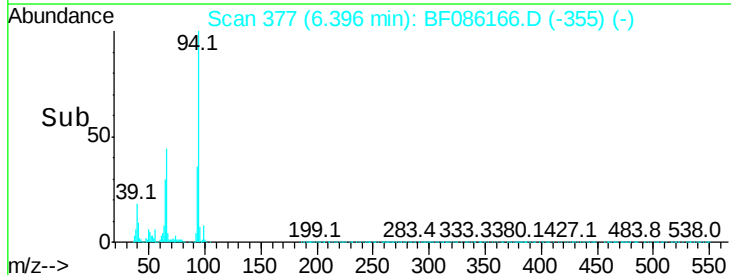
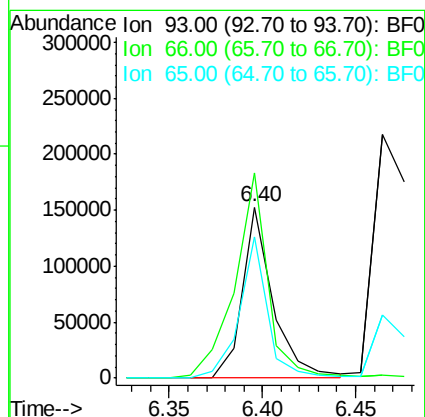
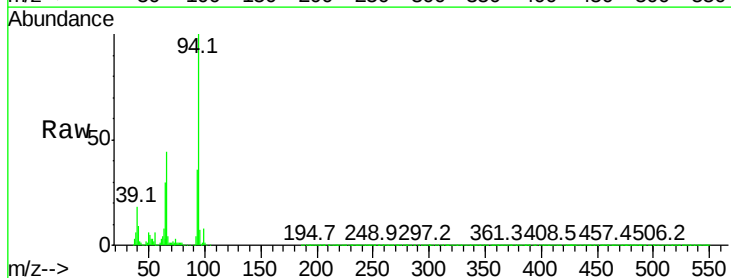
RT: 6.40 min Scan# 377

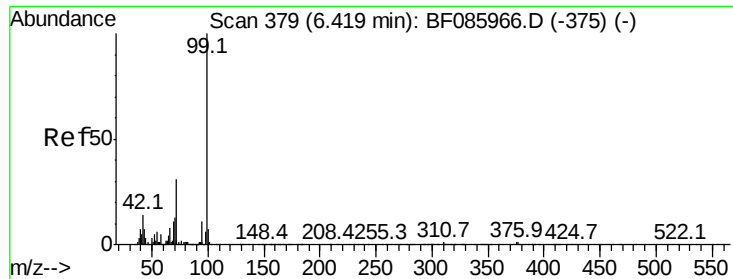
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		175463		
66	120.2	31.4	47.2#		
65	82.6	15.7	23.5#		





#7

Phenol-d6

Concen: 117.56 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

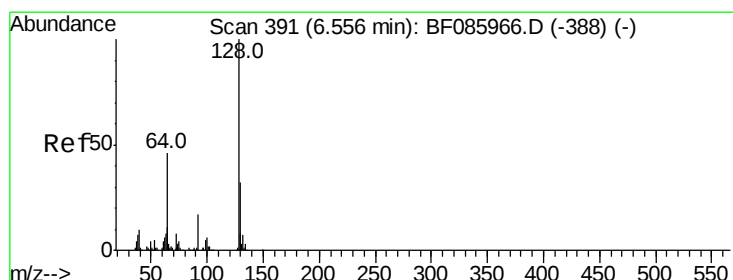
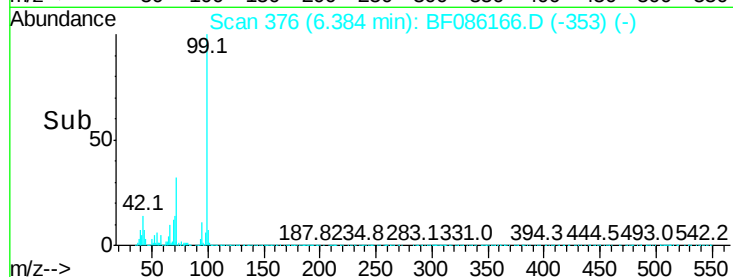
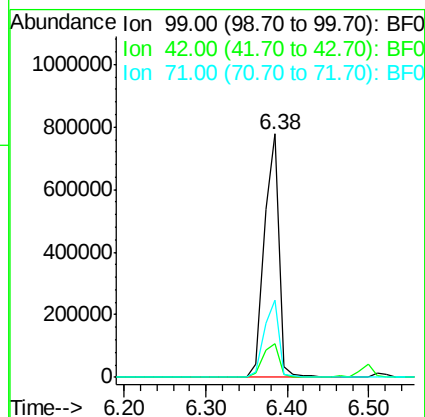
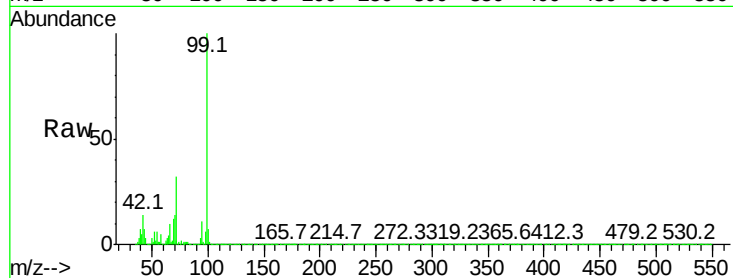
ClientSampleId :

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Tot Ion:	99	Resp:	977334
Ion Ratio	Lower	Upper	
99	100		
42	14.1	11.1	16.7
71	31.6	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 37.69 ng

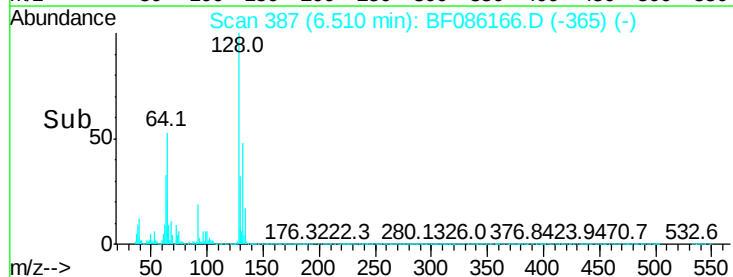
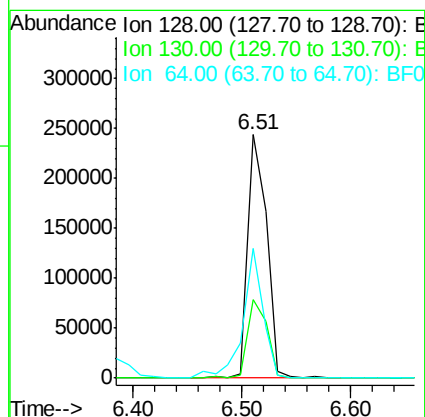
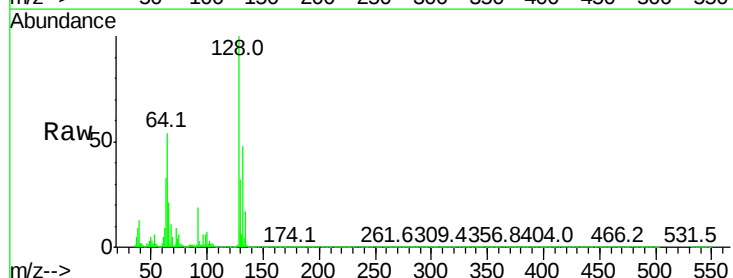
RT: 6.51 min Scan# 387

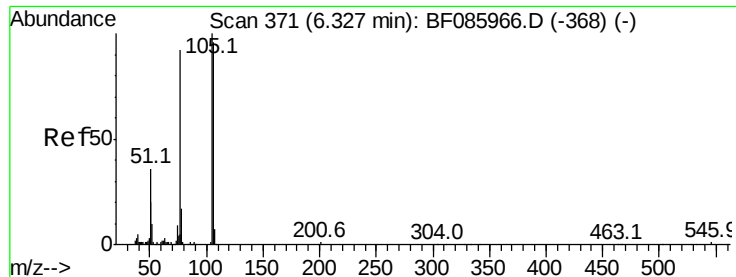
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	128	Resp:	294180
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.9	52.9
64	53.5	20.2	60.2





#9

Benzaldehyde

Concen: 21.88 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

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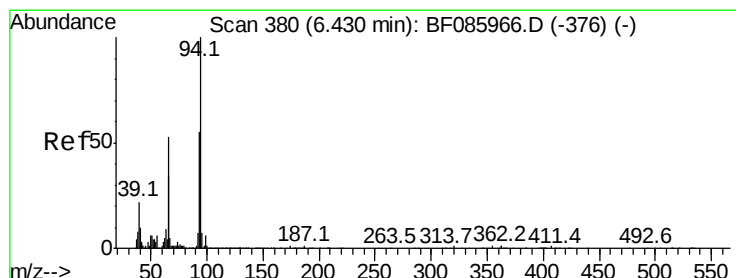
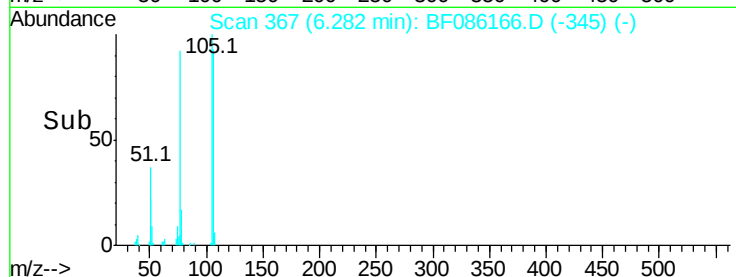
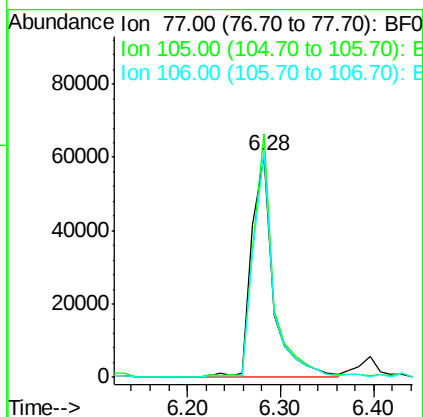
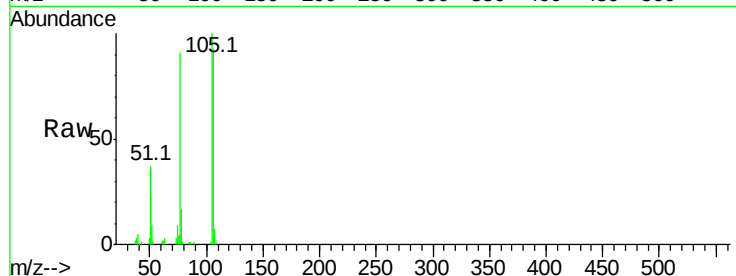
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Tot Ion	Ratio	Lower	Upper
77	100		
105	110.1	80.1	120.1
106	102.3	75.0	115.0



#10

Phenol

Concen: 41.54 ng

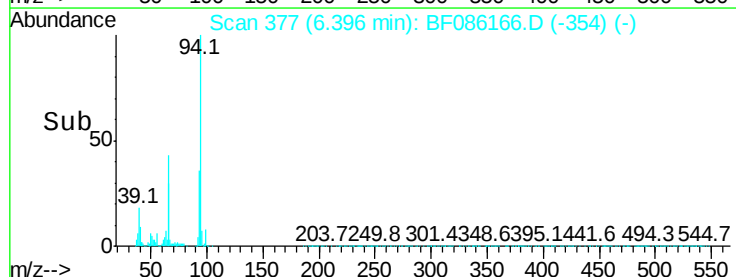
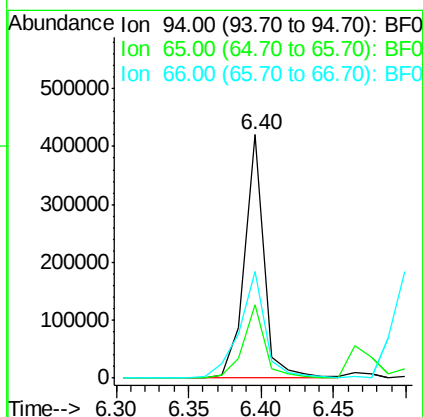
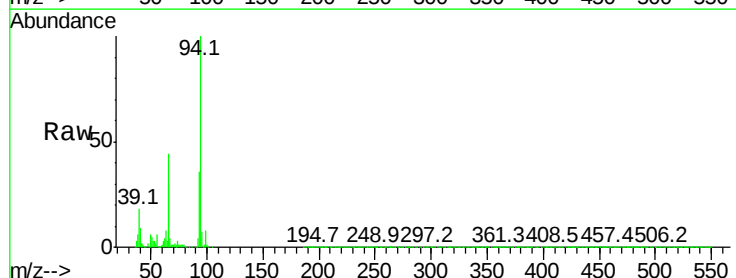
RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.0	8.6	48.6
66	43.6	20.0	60.0





#11

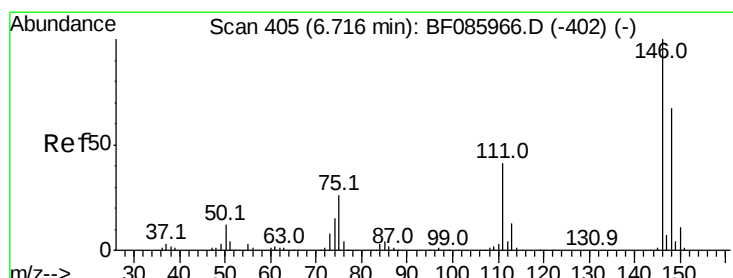
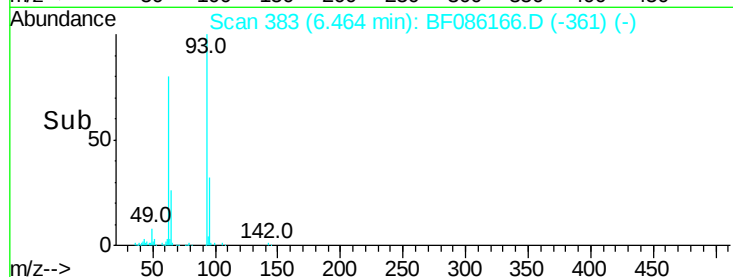
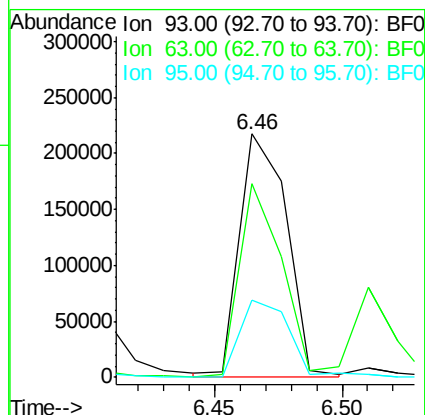
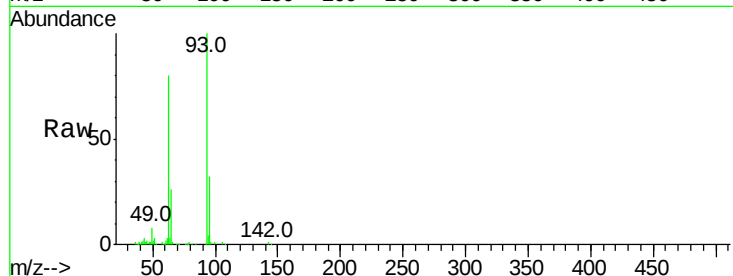
bis(2-Chloroethyl)ether
Concen: 37.13 ng/ml
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	278835		
63	79.5		50.9	90.9
95	31.9		13.3	53.3

Manual Integrations
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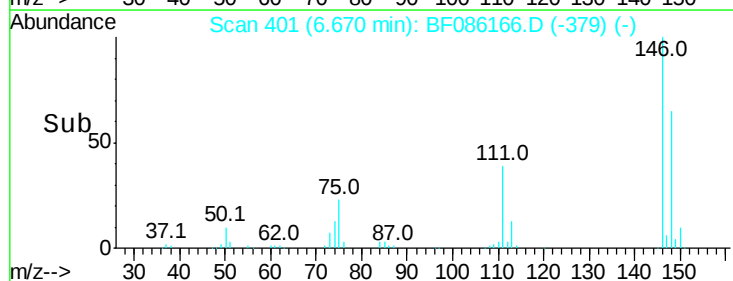
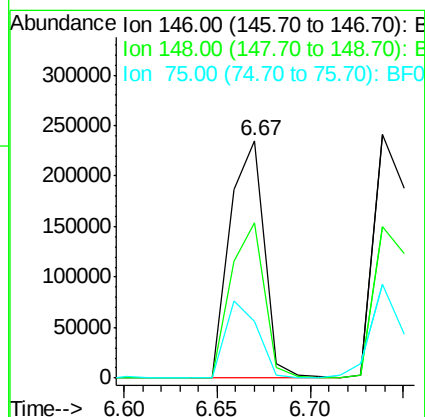
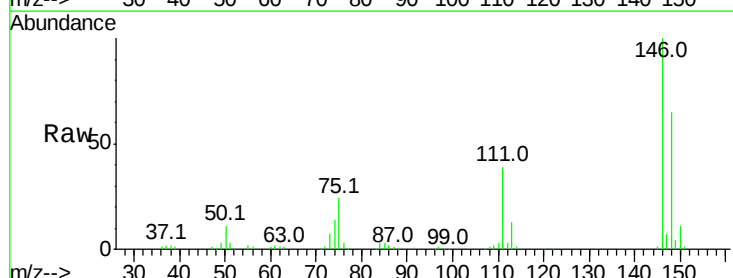
Sohil
4/11/2016 5:45:11 PM

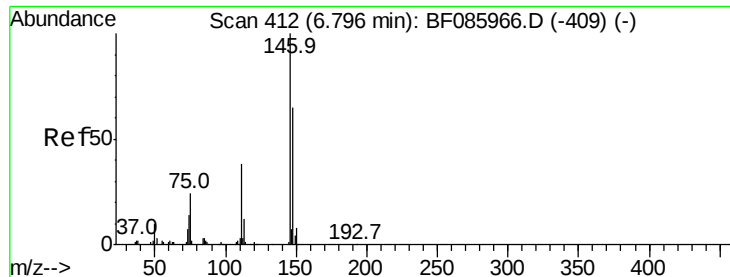


#12

1,3-Dichlorobenzene
Concen: 36.61 ng/ml
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	302864		
148	65.4		52.3	78.5
75	23.7		17.4	26.2





#13

1,4-Dichlorobenzene

Concen: 36.64 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

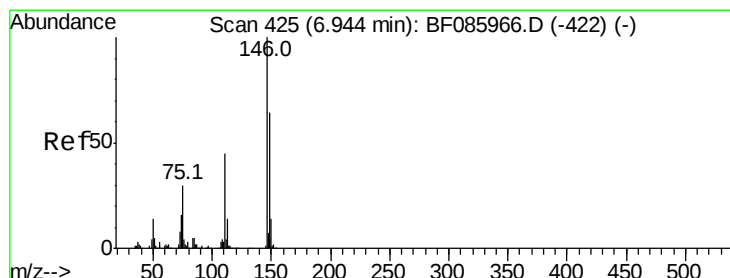
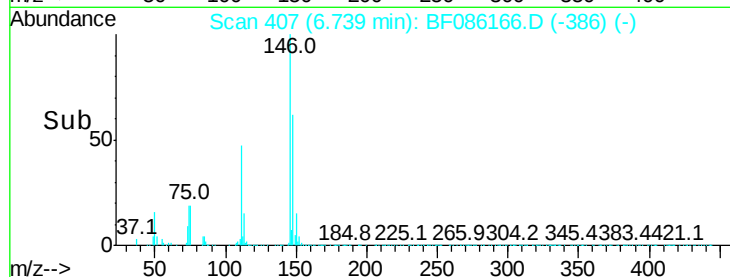
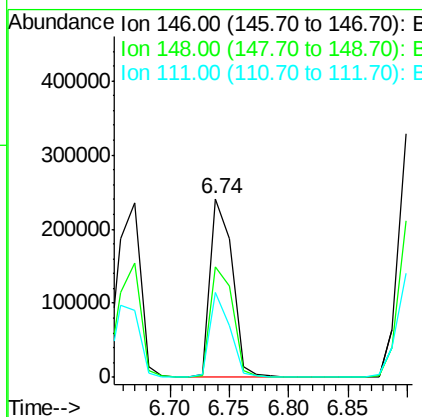
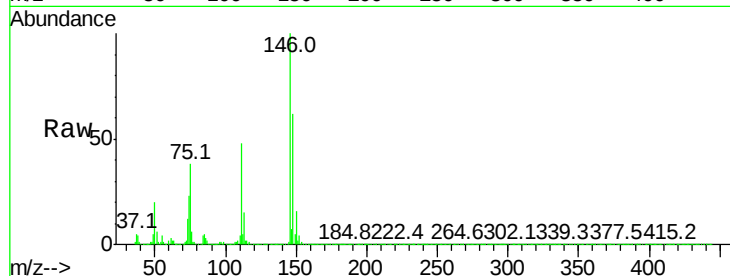
ClientSampleId :

PB89612BS

Tot Ion:	146	Resp:	312319
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	76.0
111	47.7	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.43 ng

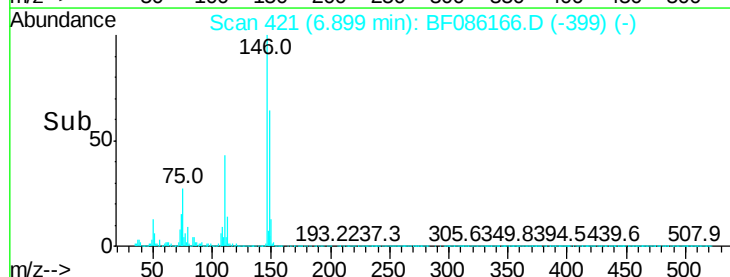
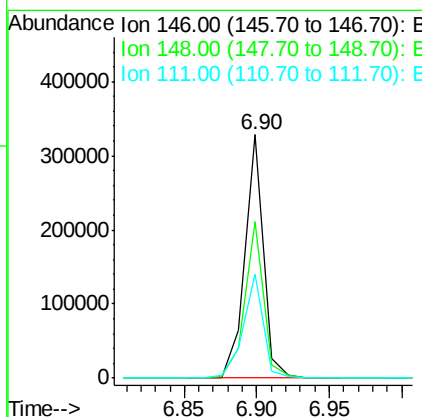
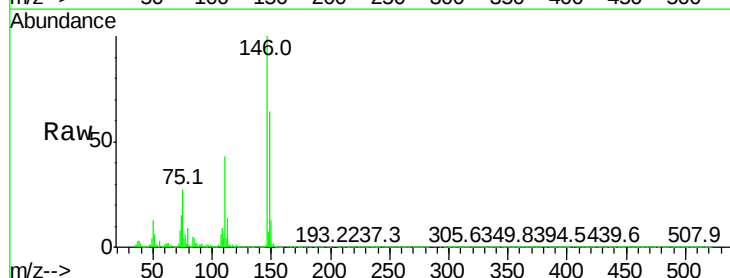
RT: 6.90 min Scan# 421

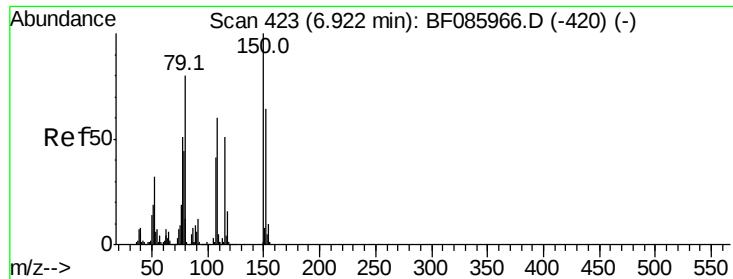
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	146	Resp:	293638
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.4	77.2
111	42.6	34.6	52.0





#15

Benzyl Alcohol

Concen: 43.05 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

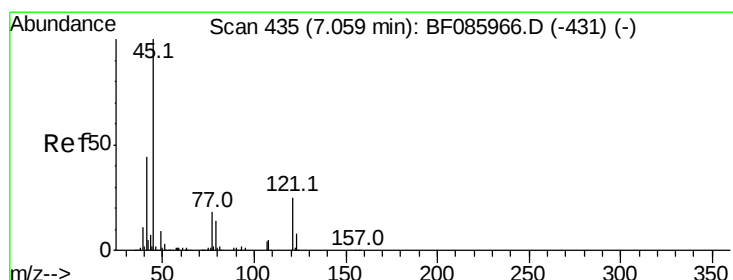
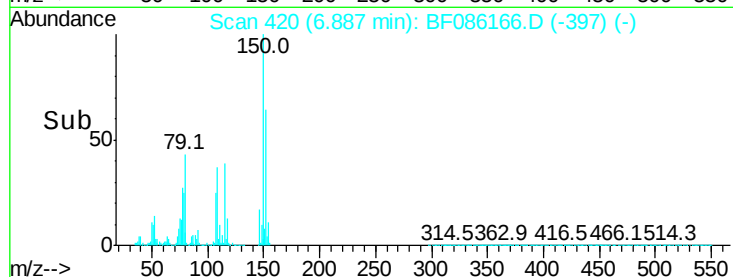
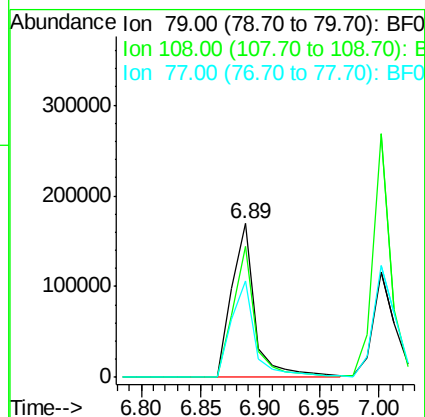
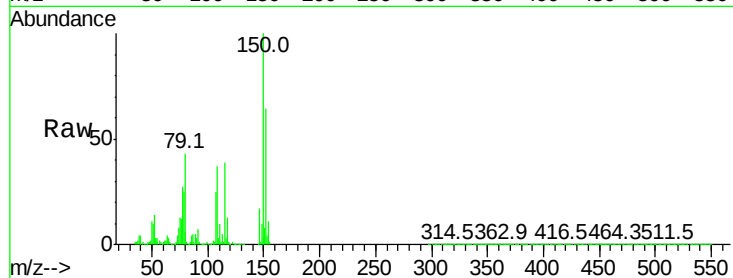
ClientSampleId :

PB89612BS

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Tot Ion:	79	Resp:	231570
Ion Ratio	Lower	Upper	
79	100		
108	85.5	61.8	92.6
77	62.7	49.6	74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.69 ng

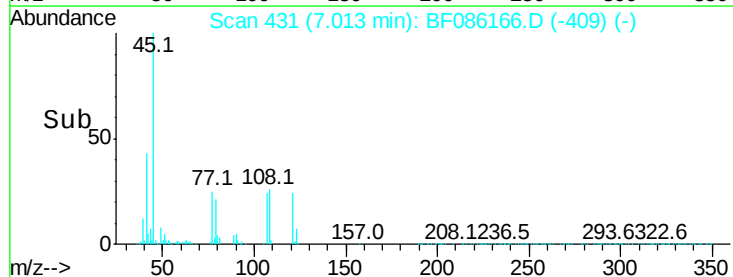
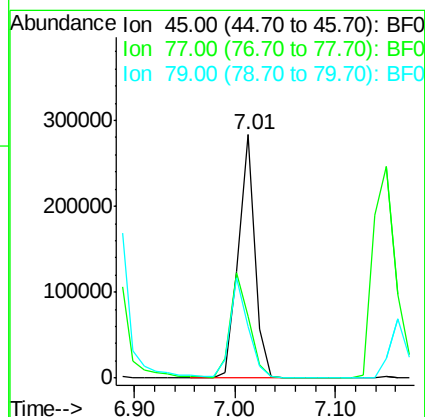
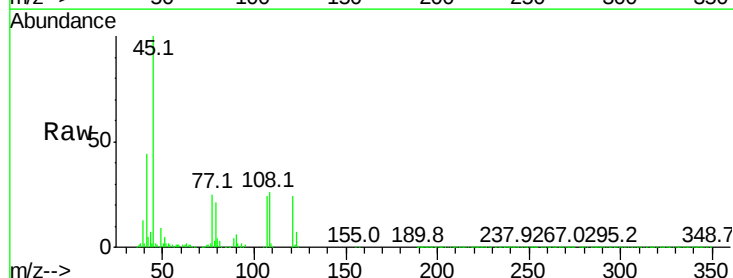
RT: 7.01 min Scan# 431

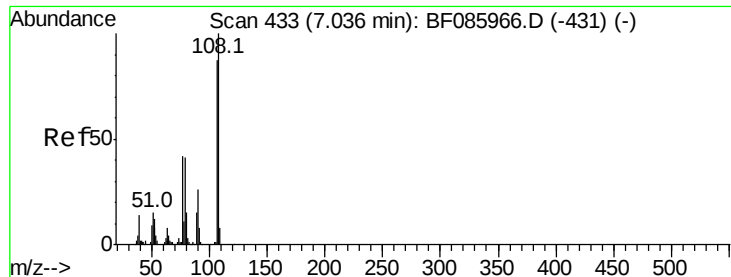
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	45	Resp:	327451
Ion Ratio	Lower	Upper	
45	100		
77	25.2	0.0	35.7
79	21.2	0.0	32.2





#17

2-Methylphenol

Concen: 39.46 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

ClientSampleId :

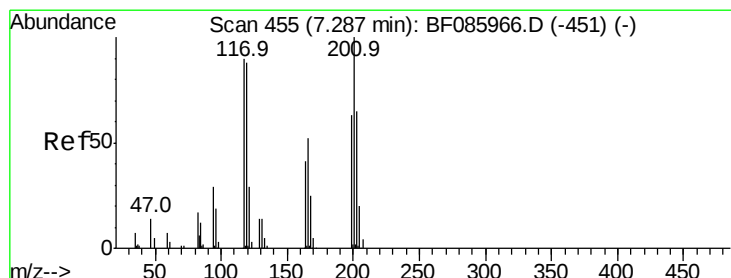
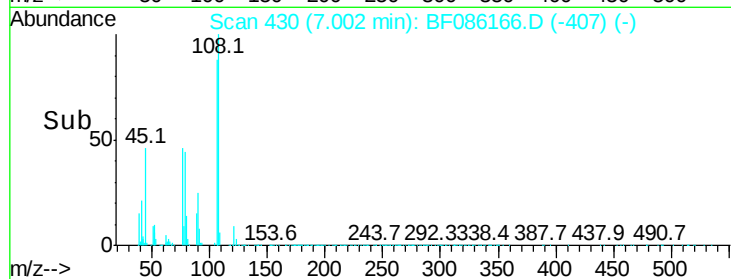
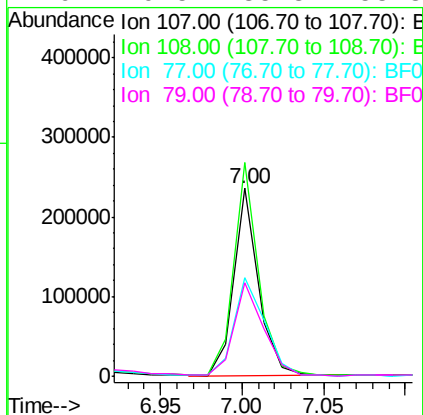
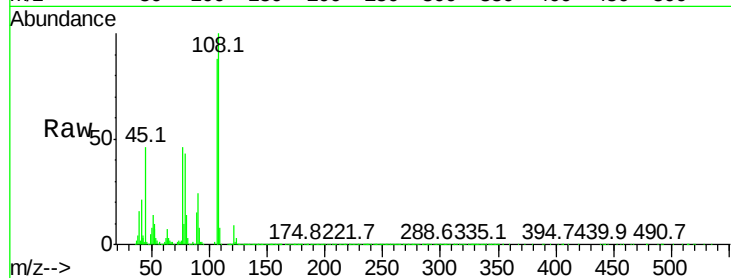
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Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	91.4	137.0	
77	52.3	36.2	54.2	
79	49.5	35.8	53.8	



#18

Hexachloroethane

Concen: 36.89 ng

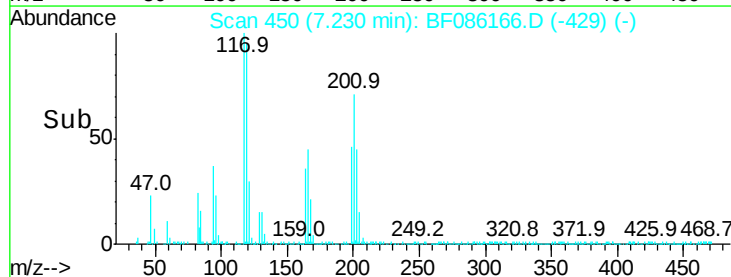
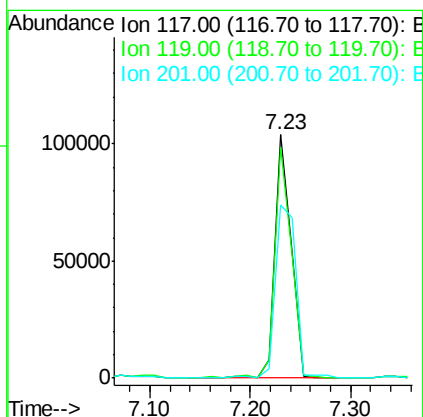
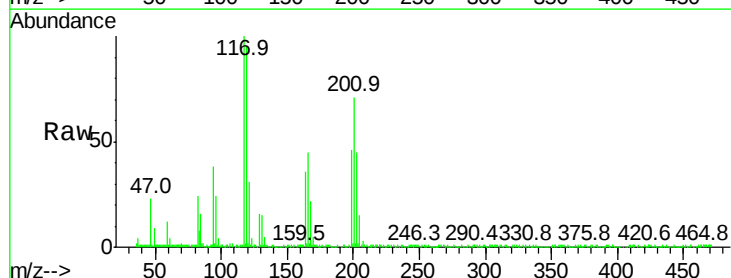
RT: 7.23 min Scan# 450

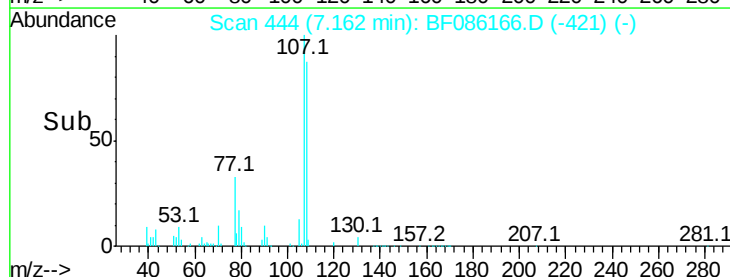
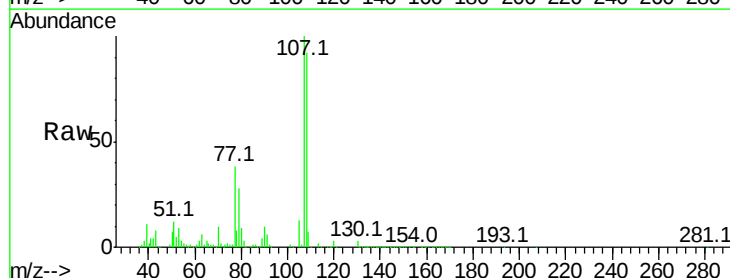
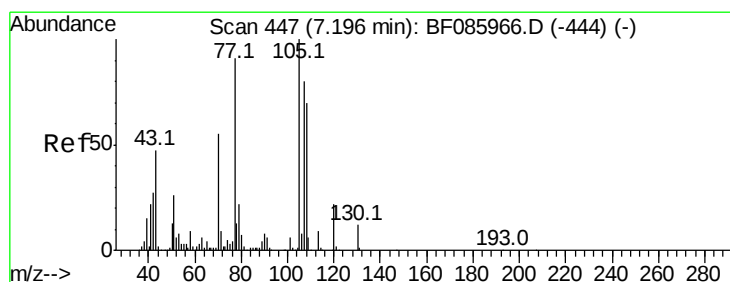
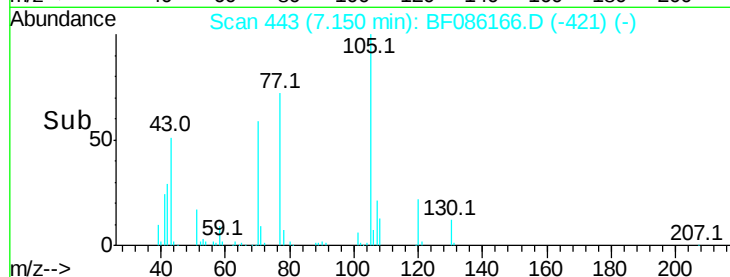
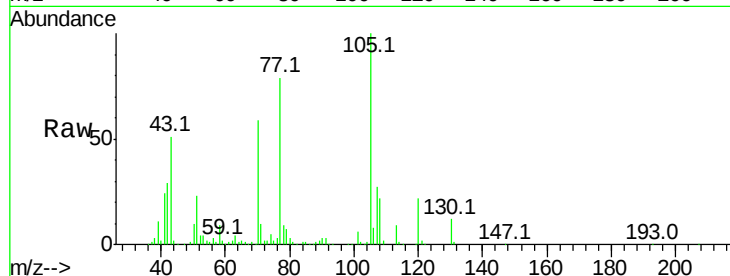
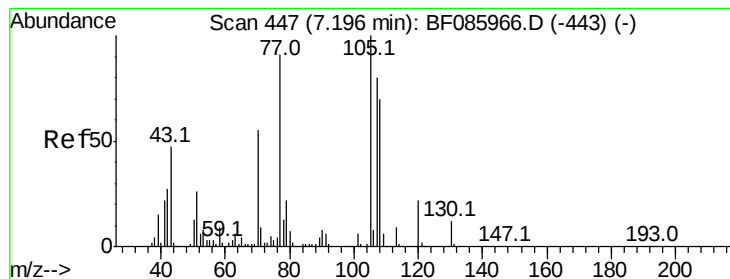
Delta R.T. -0.06 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	76.7	115.1	
201	71.4	83.3	124.9#	





#19

n-Nitroso-di-n-propylamine

Concen: 38.94 ng

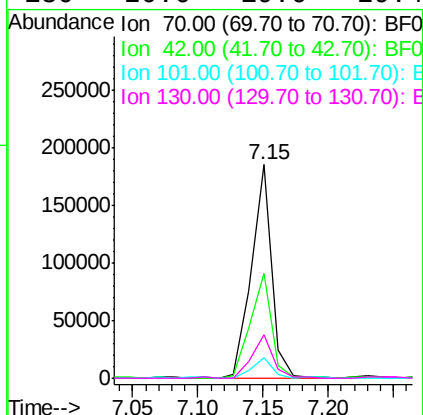
RT: 7.15 min Scan# 443

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.2	37.1	55.7
101	9.6	8.6	12.8
130	20.6	19.6	29.4



Instrument :

BNA_F

ClientSampleId :

PB89612BS

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#20

3+4-Methylphenols

Concen: 43.05 ng

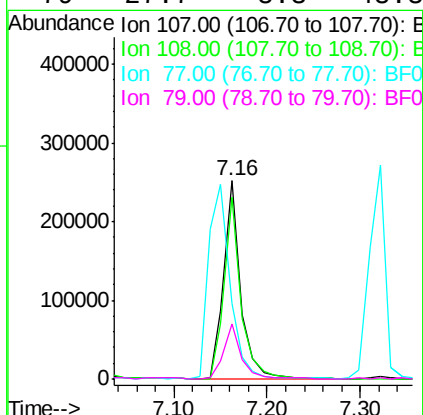
RT: 7.16 min Scan# 444

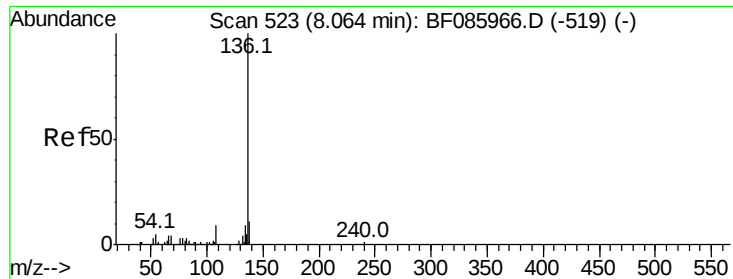
Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.7	69.3	109.3
77	38.5	101.7	141.7#
79	27.7	8.3	48.3





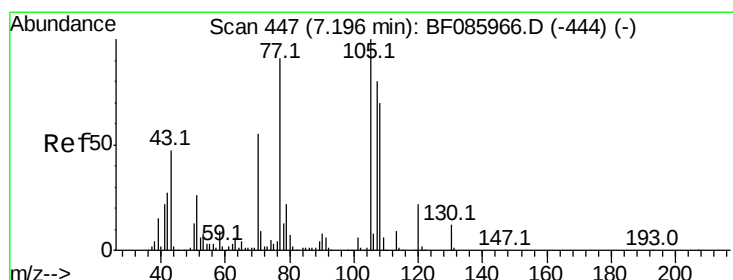
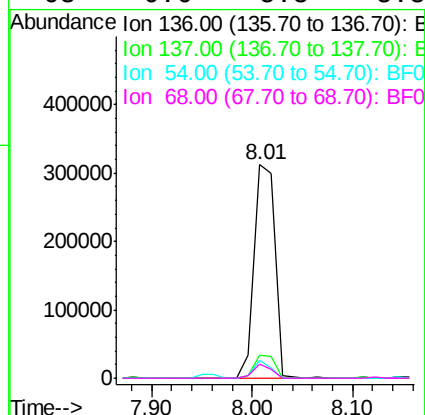
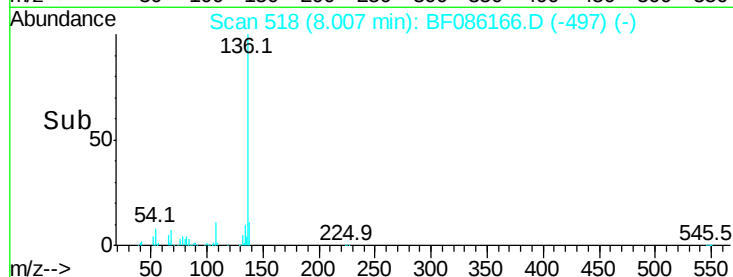
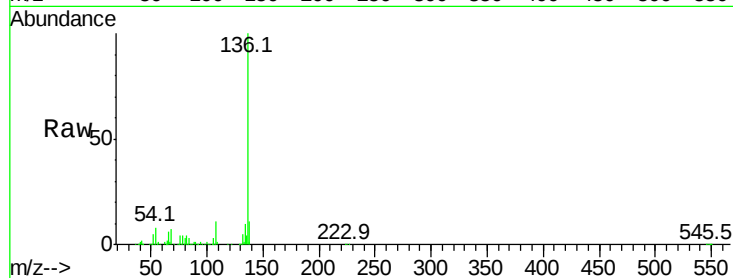
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.06 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.1	13.7	
54	8.2	7.4	11.0	
68	6.6	5.8	8.8	

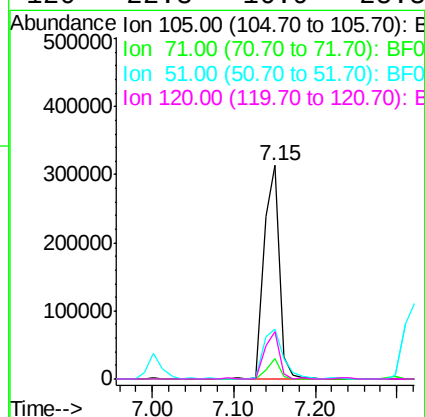
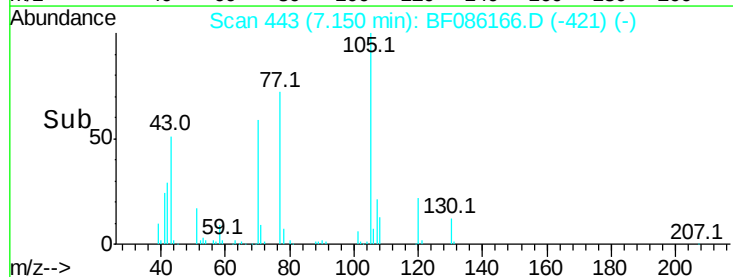
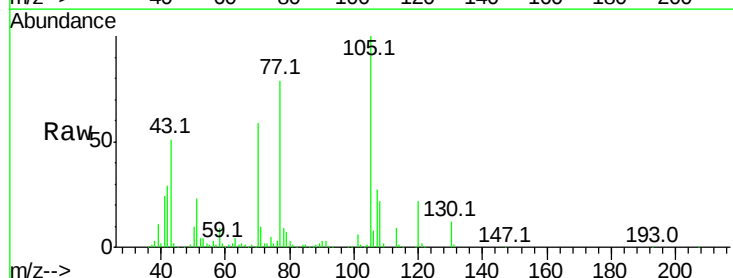
Manual Integrations
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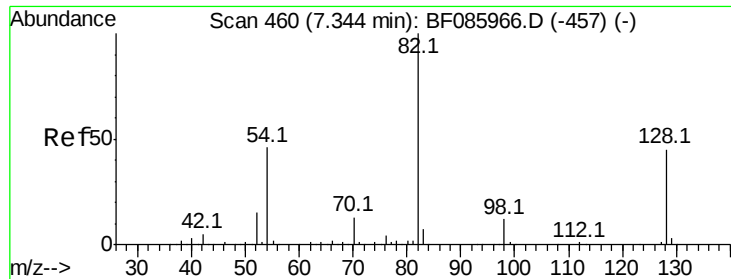
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#22
Acetophenone
Concen: 39.12 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.8	3.6	5.4#	
51	23.2	25.4	38.0#	
120	22.3	16.9	25.3	





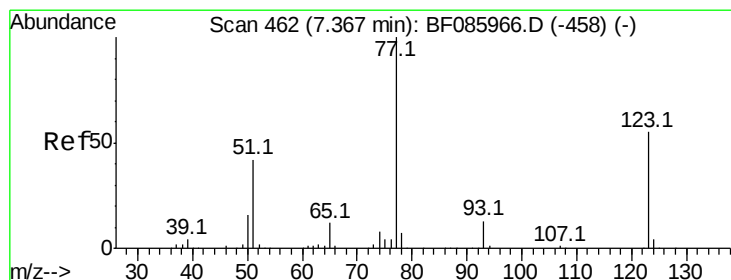
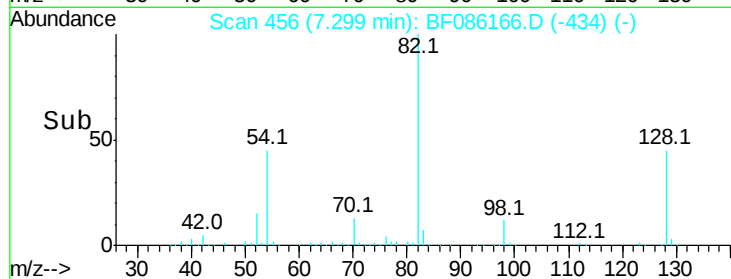
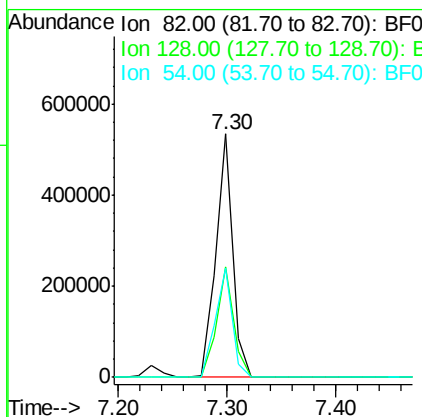
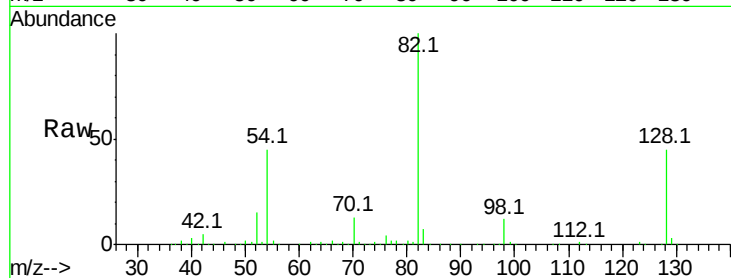
#23
 Nitrobenzene-d5
 Concen: 76.68 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleID :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.3		41.8	62.8
54	45.0		33.4	50.0

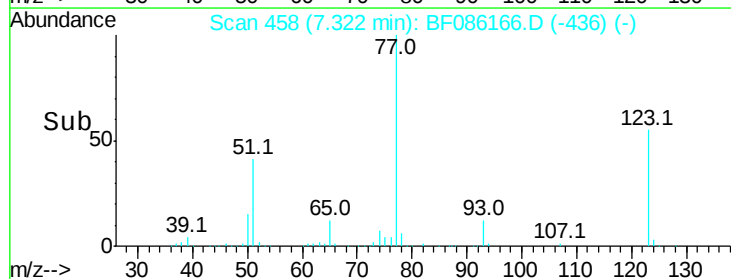
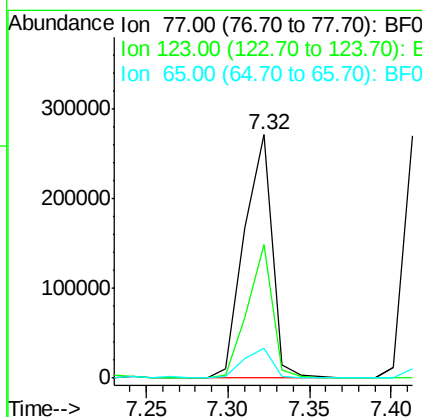
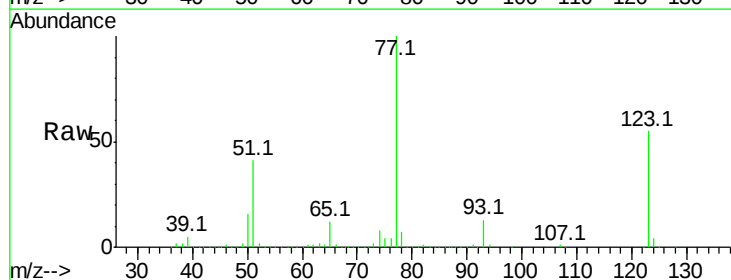
Manual Integrations
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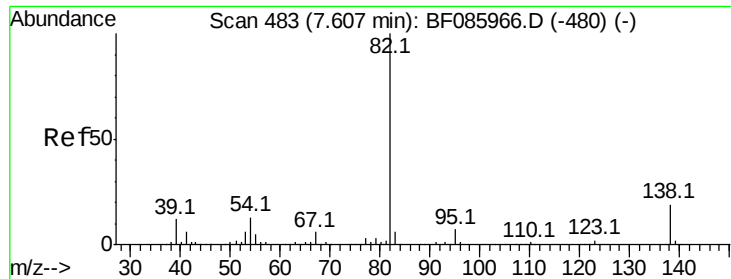
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#24
 Nitrobenzene
 Concen: 38.51 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	54.7		35.0	52.4#
65	12.1		10.6	16.0





#25

Isophorone

Concen: 39.01 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

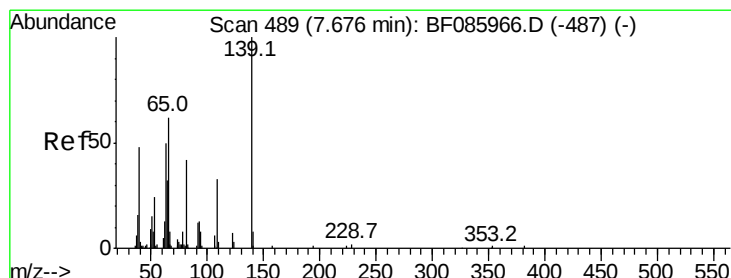
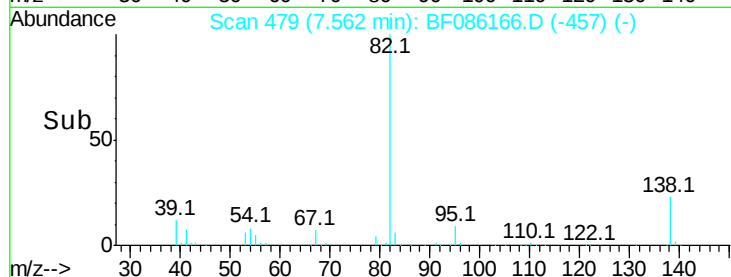
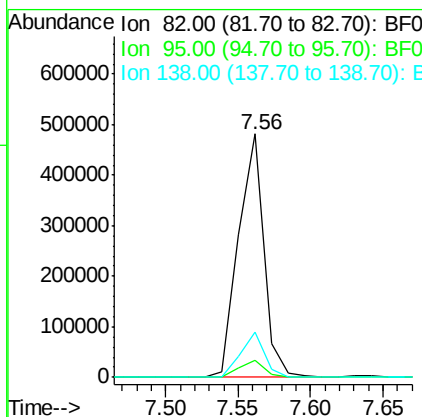
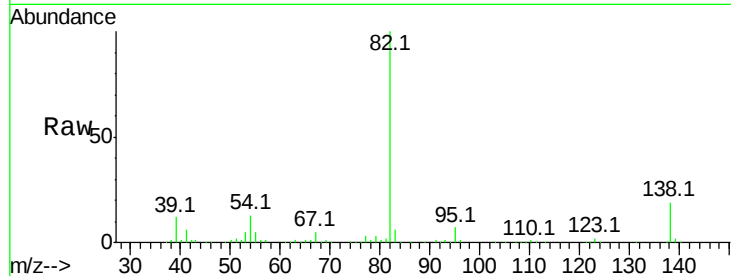
ClientSampleId :

PB89612BS

Tot Ion:	82	Resp:	586462
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.4	8.2
138	18.6	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.34 ng

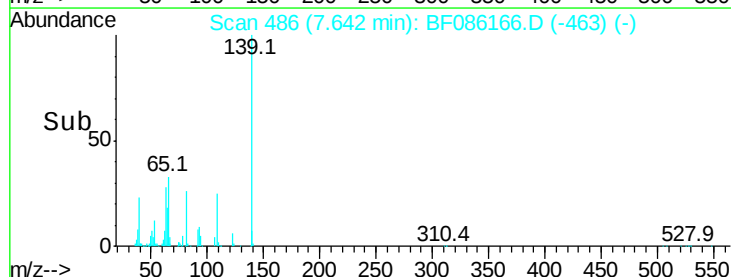
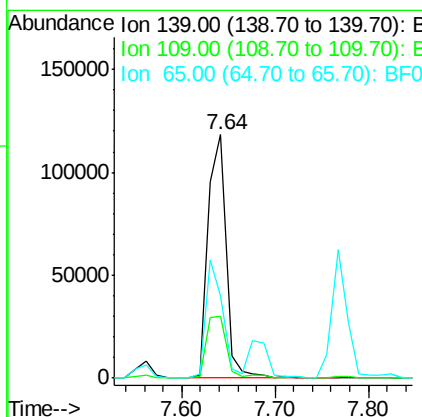
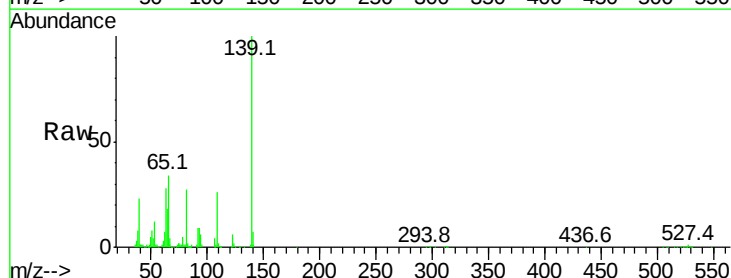
RT: 7.64 min Scan# 486

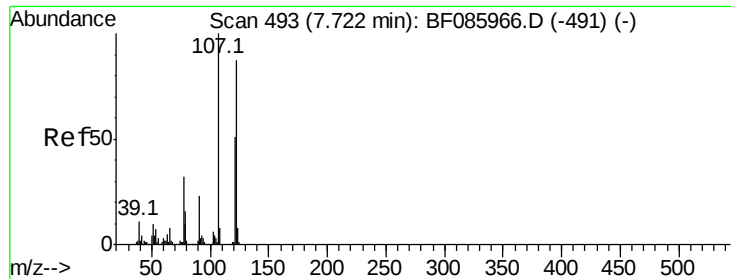
Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	139	Resp:	160789
Ion Ratio	Lower	Upper	
139	100		
109	25.5	22.1	33.1
65	33.7	33.9	50.9#





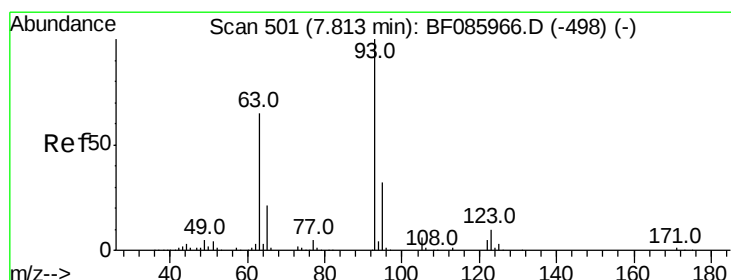
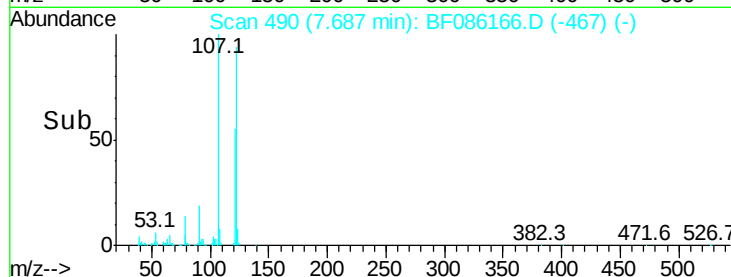
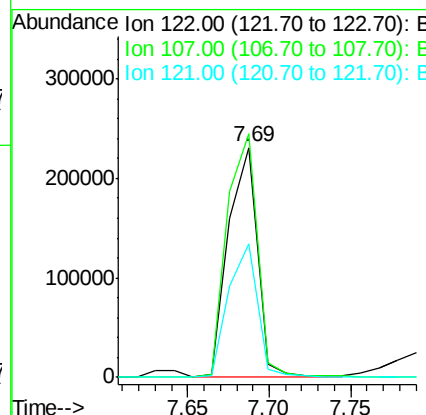
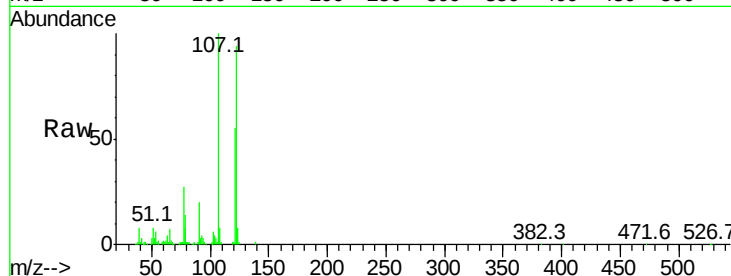
#27
2,4-Dimethylphenol
Concen: 39.40 ng
RT: 7.69 min Scan# 490
Delta R.T. -0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	282122		
107	106.0	93.0	139.6	
121	58.3	45.9	68.9	

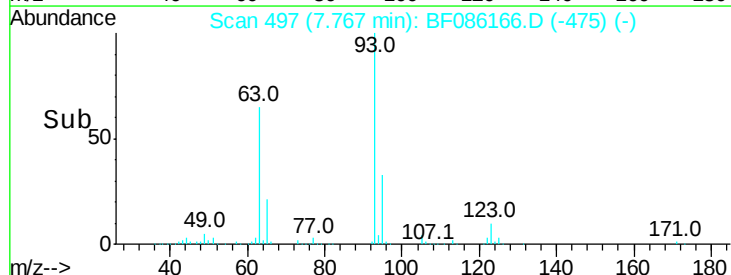
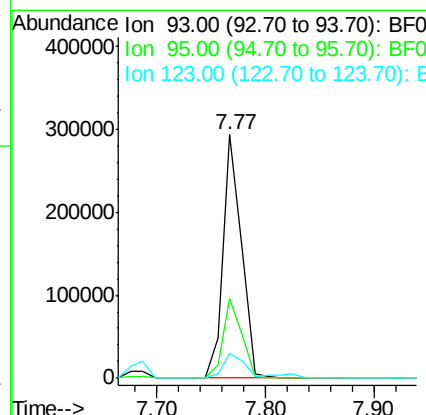
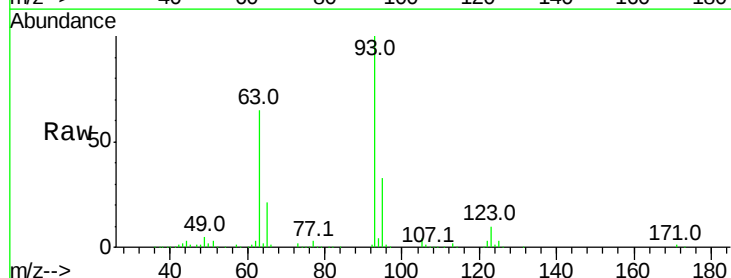
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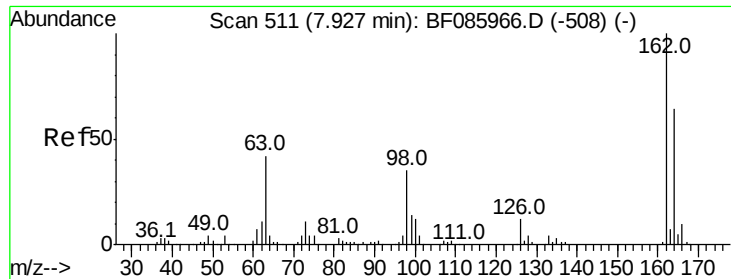
Sohil
4/11/2016 5:45:11 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.34 ng
RT: 7.77 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	347035		
95	32.7	26.4	39.6	
123	10.4	9.8	14.6	





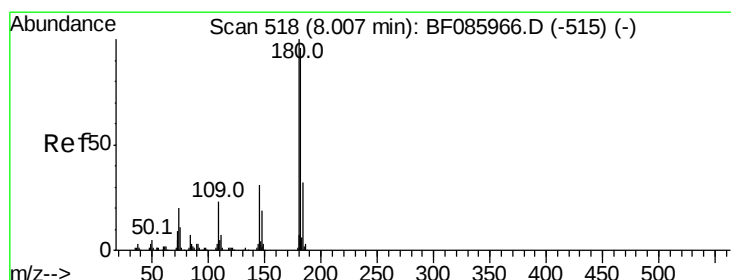
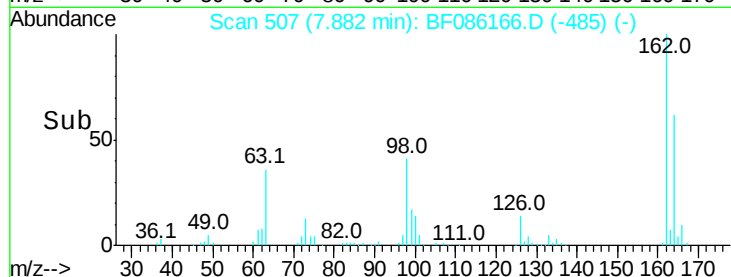
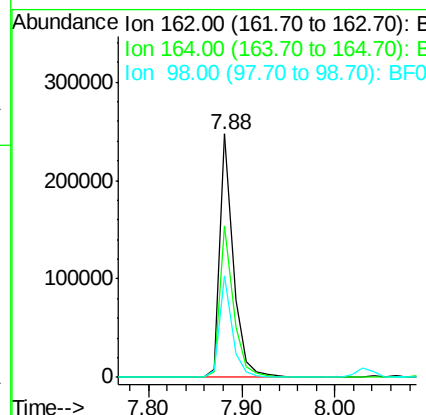
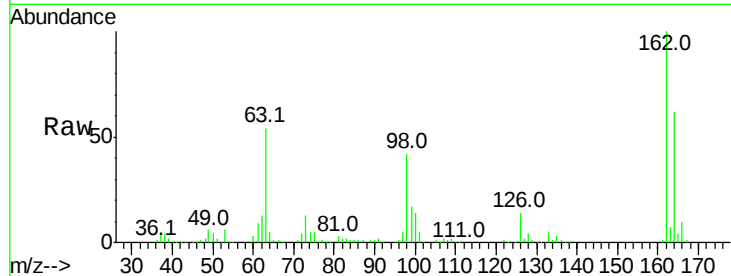
#29
 2,4-Dichlorophenol
 Concen: 41.38 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion:	162	Resp:	250487
Ion Ratio	Lower	Upper	
162	100		
164	62.4	43.7	83.7
98	41.6	20.4	60.4

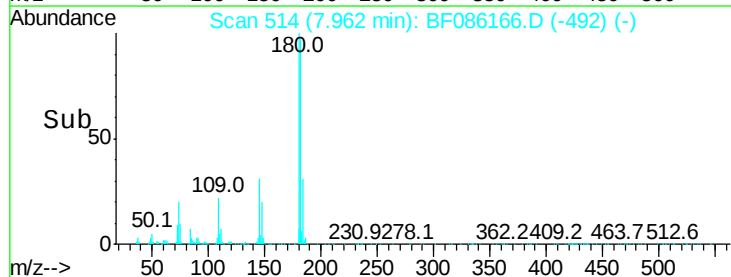
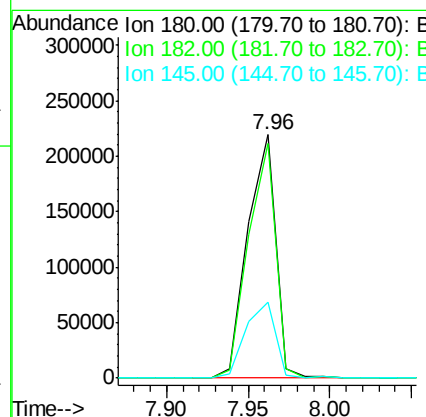
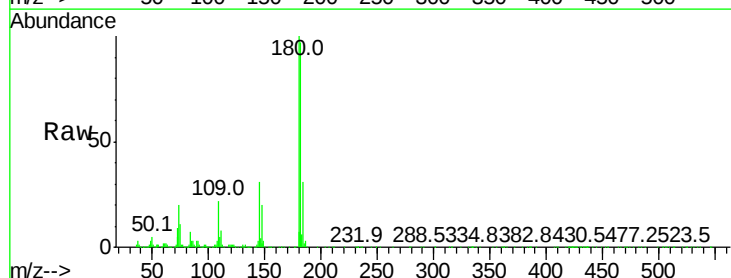
Manual Integrations
 APPROVED

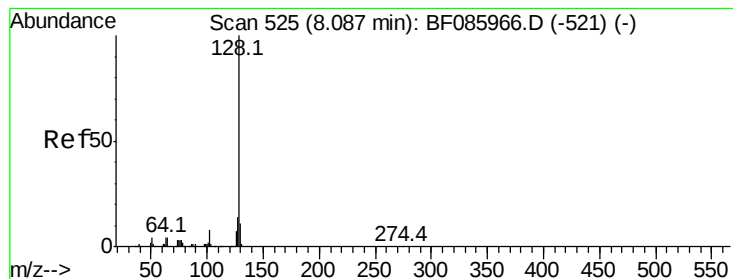
Sohil
 4/11/2016 5:45:11 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.29 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion:	180	Resp:	260174
Ion Ratio	Lower	Upper	
180	100		
182	96.6	73.8	110.8
145	31.1	28.4	42.6





#31

Naphthalene

Concen: 37.05 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

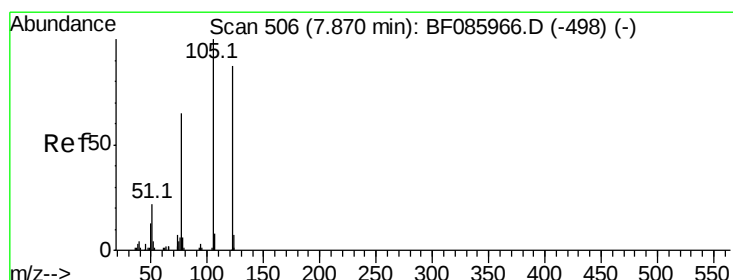
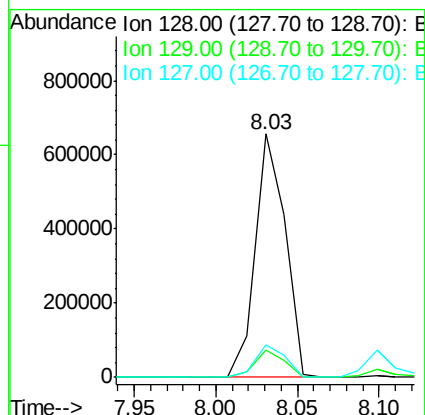
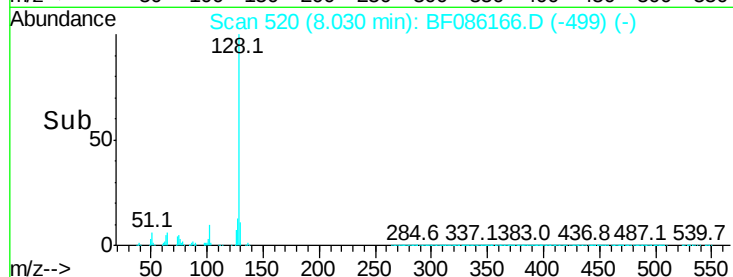
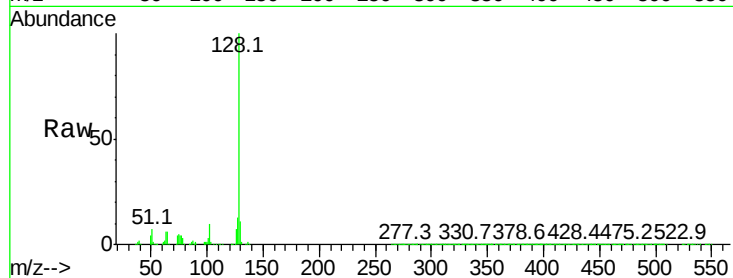
ClientSampleId :

PB89612BS

Tot Ion:128	Resp:	836921
Ion Ratio	Lower	Upper
128 100		
129 11.5	9.4	14.0
127 13.4	11.0	16.6

Manual Integrations
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#32

Benzoic acid

Concen: 26.35 ng

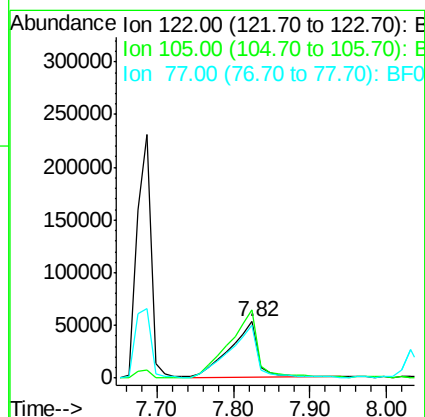
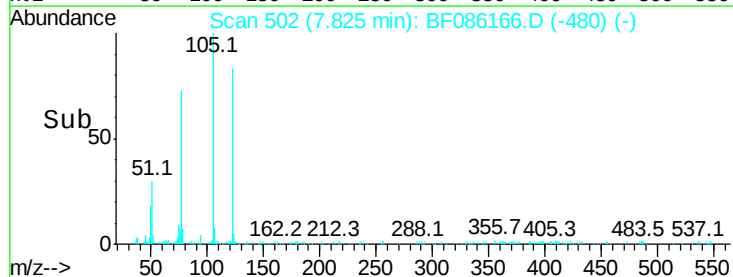
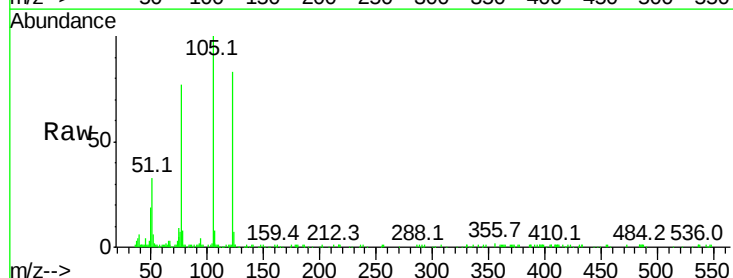
RT: 7.82 min Scan# 502

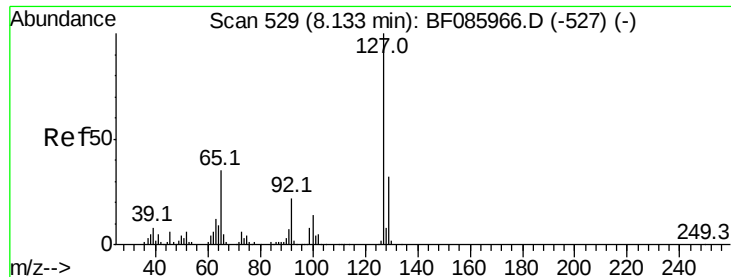
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:122	Resp:	138406
Ion Ratio	Lower	Upper
122 100		
105 120.5	102.9	142.9
77 92.8	71.8	111.8





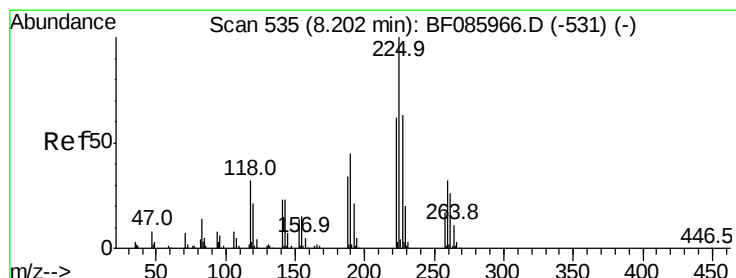
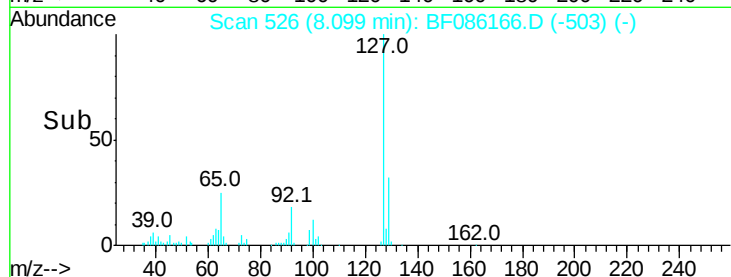
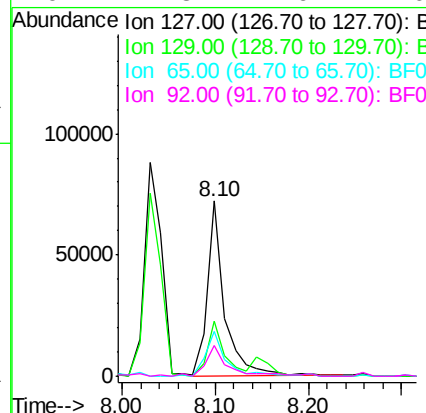
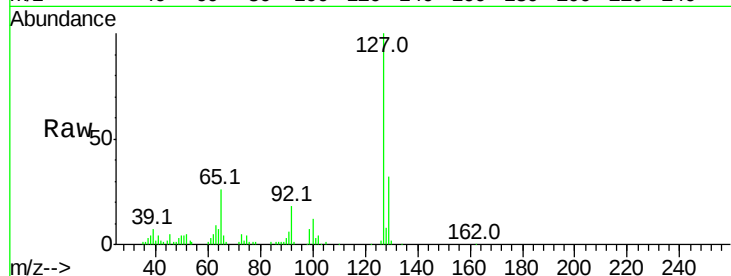
#33
4-Chloroaniline
Concen: 10.22 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampled :
PB89612BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.1	39.1
65	25.7	19.5	29.3
92	17.8	14.6	22.0

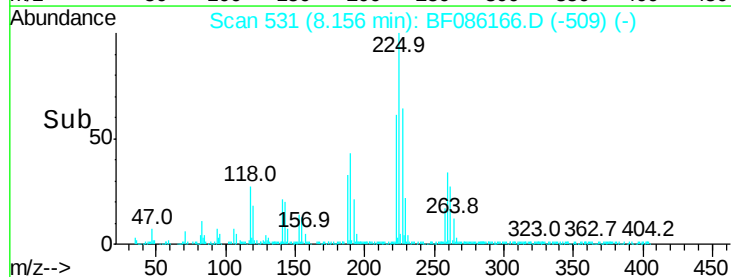
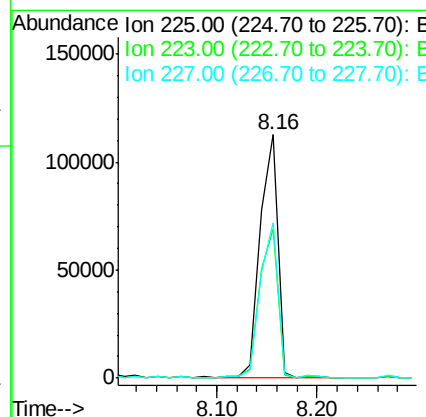
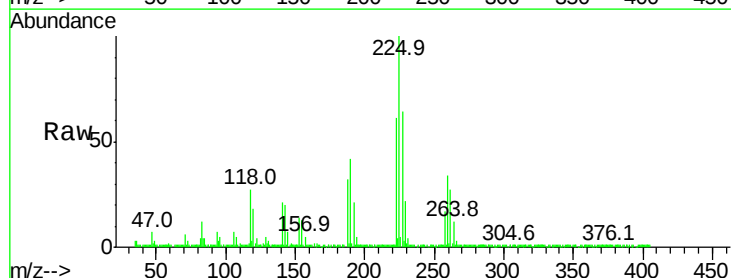
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 38.08 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	50.4	75.6
227	63.7	51.4	77.2





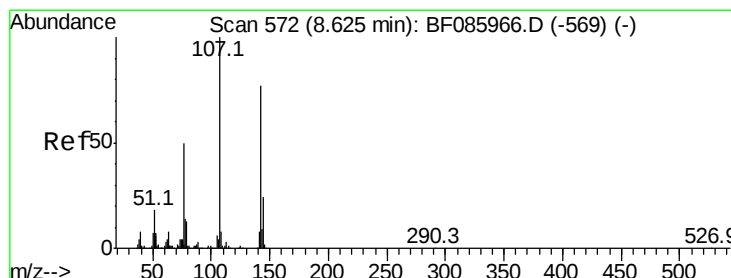
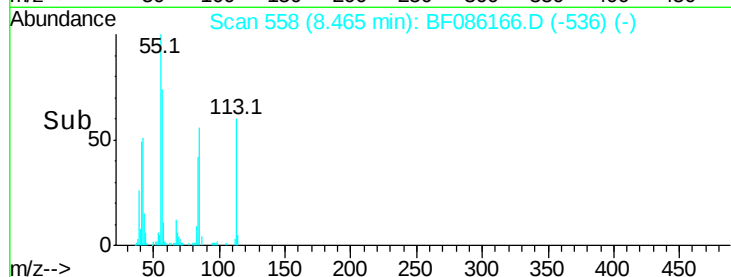
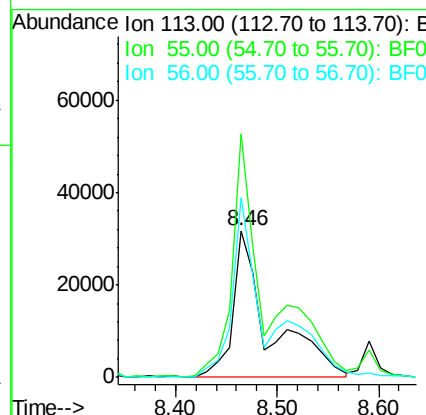
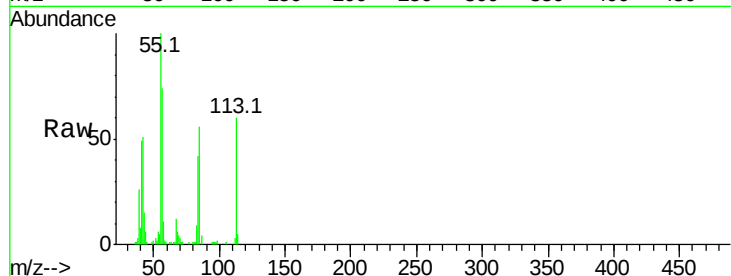
#35
 Caprolactam
 Concen: 41.22 ng/ml
 RT: 8.46 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.0	139.4	179.4
56	122.6	100.4	140.4

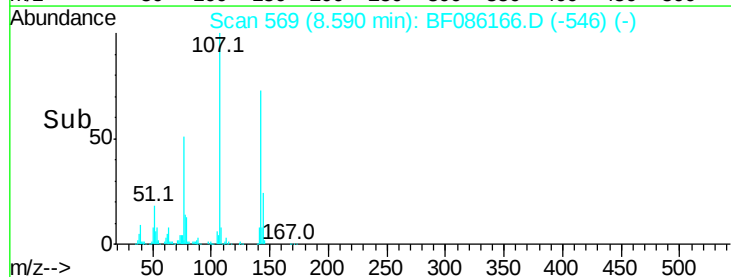
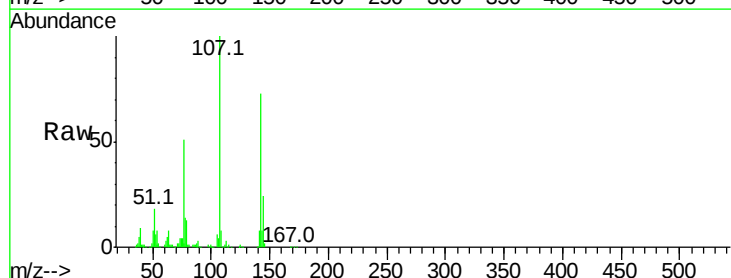
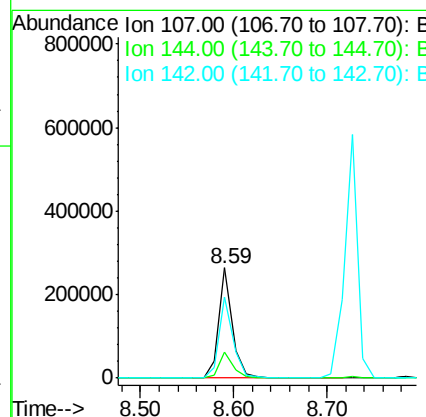
Manual Integrations
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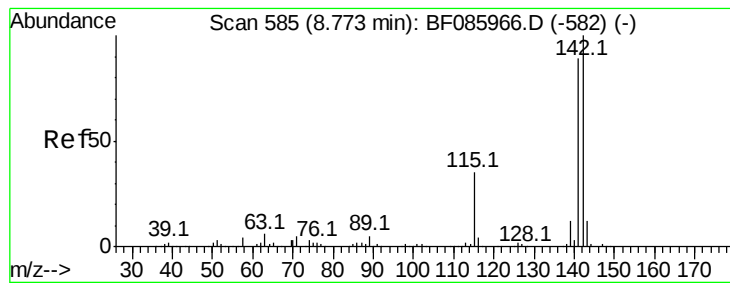
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 4/11/2016 5:45:11 PM



#36
 4-Chloro-3-methylphenol
 Concen: 39.21 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.5	19.3	28.9
142	73.4	61.4	92.0





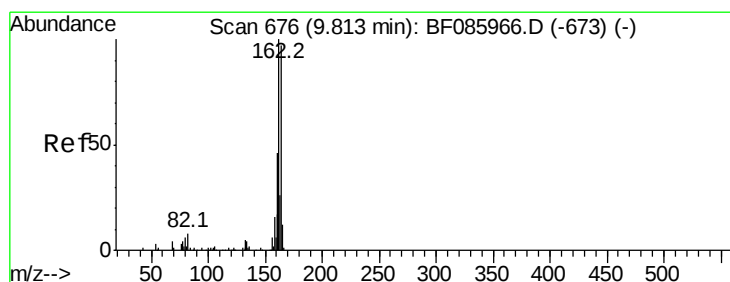
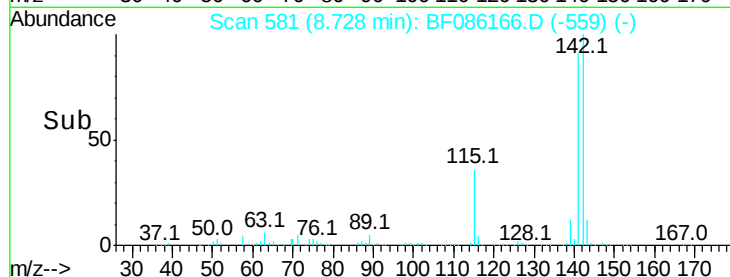
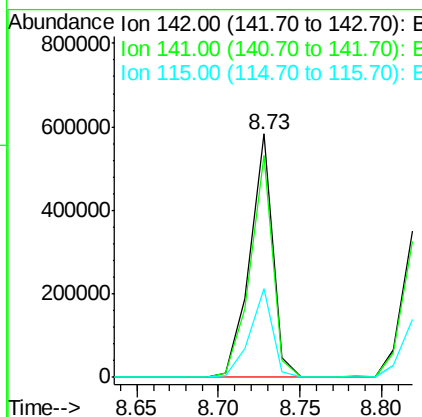
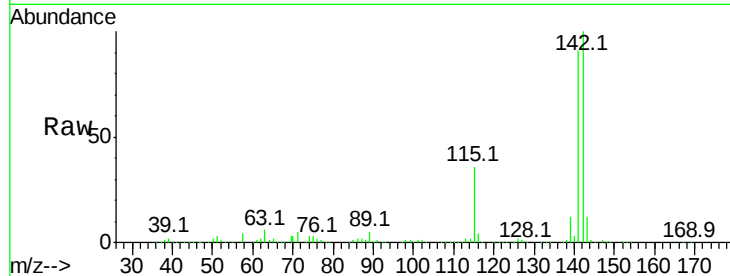
#37
 2-Methylnaphthalene
 Concen: 38.44 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion:	142	Resp:	567301
Ion Ratio	Lower	Upper	
142	100		
141	90.9	71.6	107.4
115	36.5	26.8	40.2

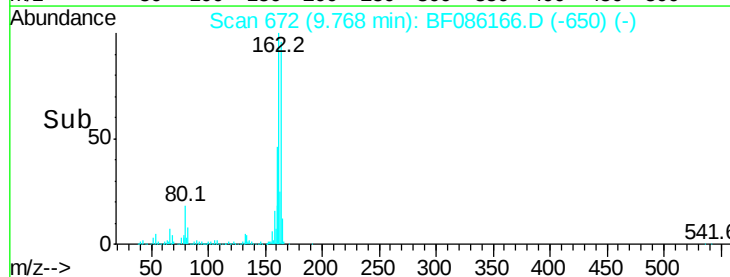
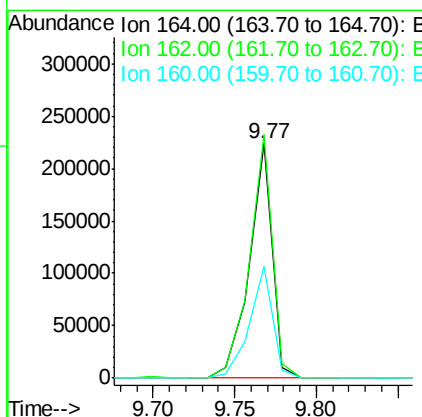
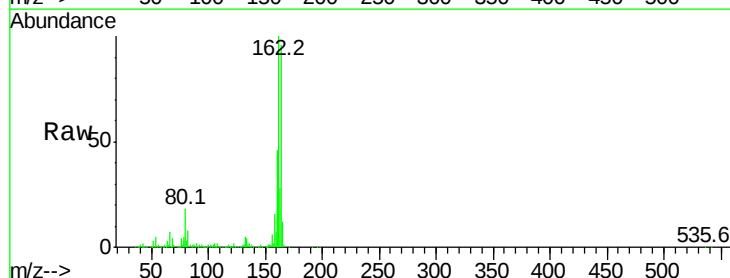
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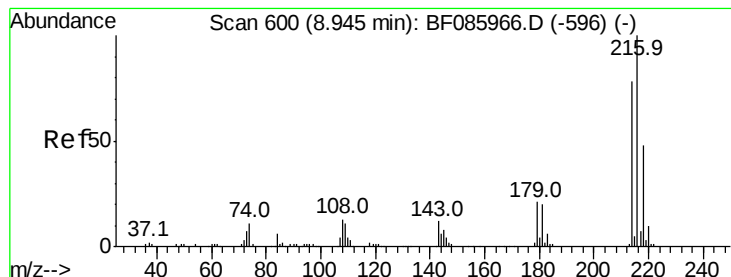
Sohil
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion:	164	Resp:	217455
Ion Ratio	Lower	Upper	
164	100		
162	104.0	82.1	123.1
160	47.9	37.4	56.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.42 ng

RT: 8.90 min Scan# 596

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

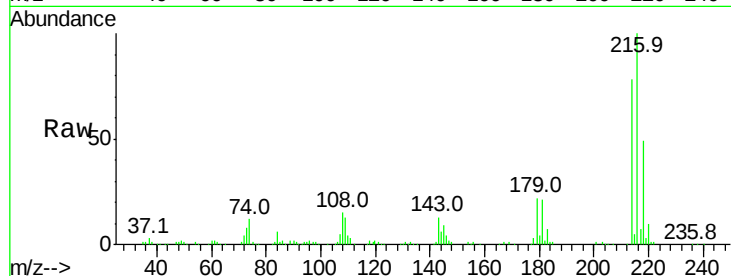
ClientSampleId :

PB89612BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	78.7	63.1	94.7
179	23.2	18.2	27.2
108	21.8	17.3	25.9

Manual Integrations
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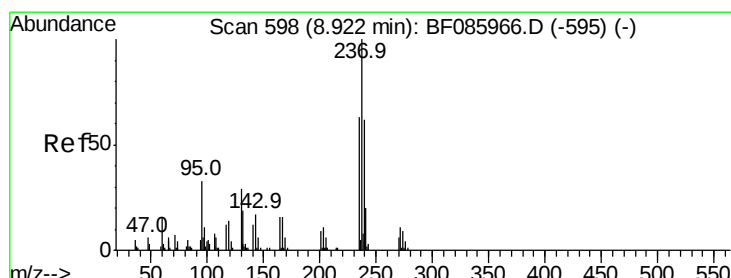
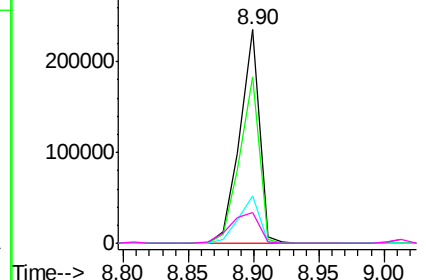
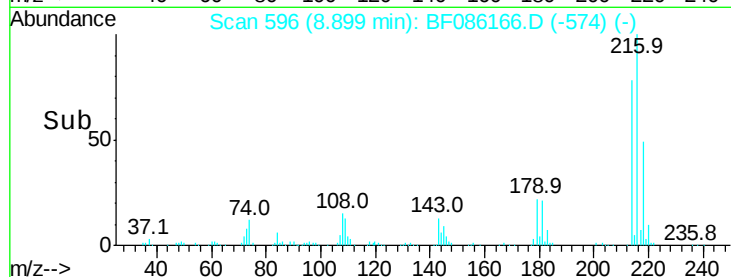


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 64.90 ng

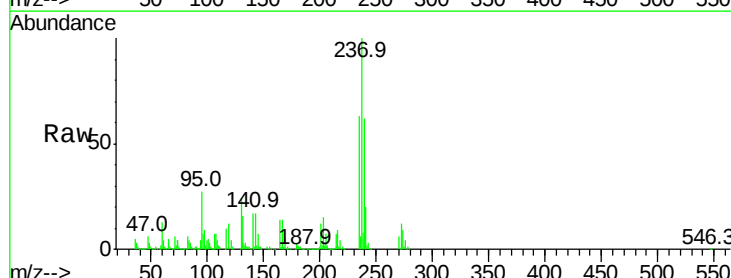
RT: 8.88 min Scan# 594

Delta R.T. -0.04 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

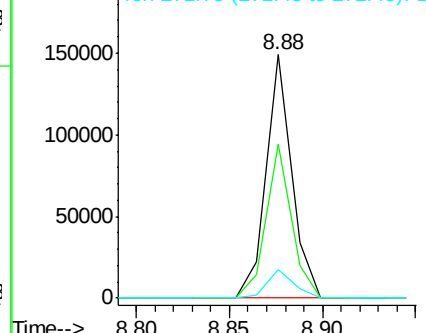
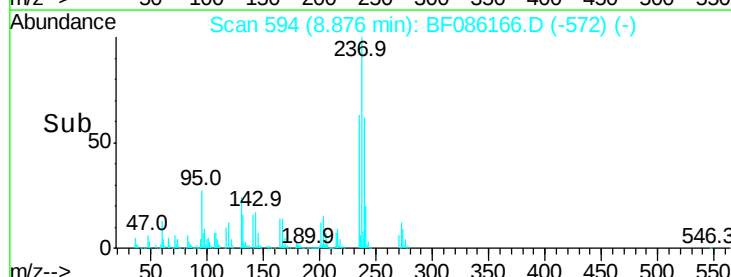
Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.4	43.7	83.7
272	11.9	0.0	31.9

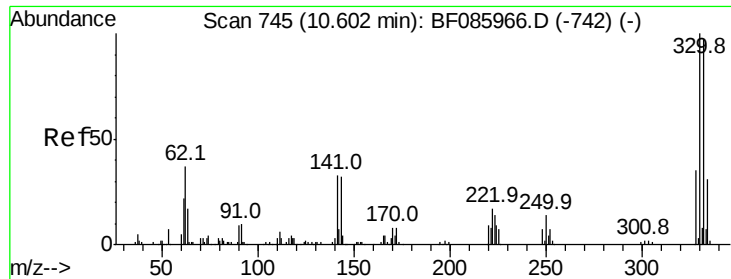


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





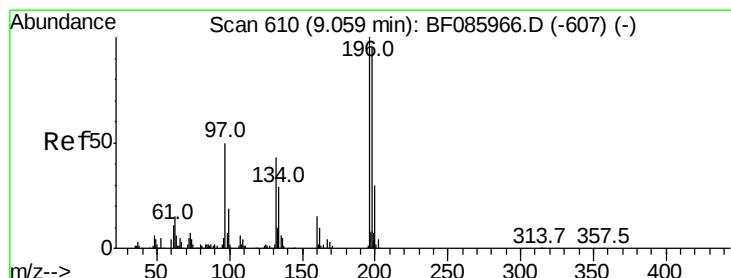
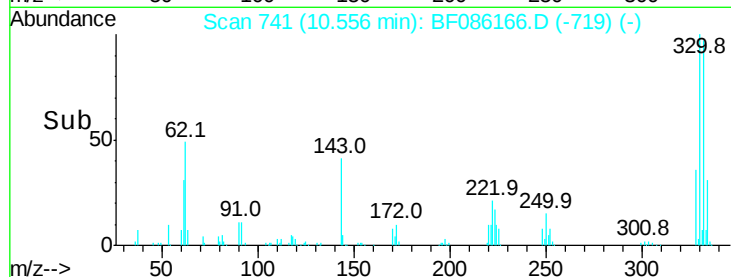
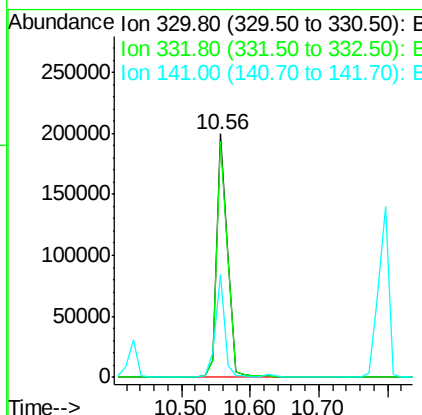
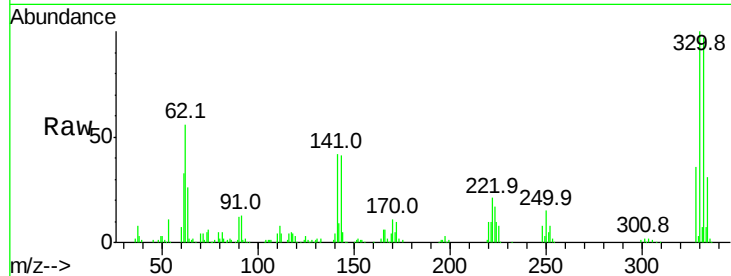
#41
 2,4,6-Tribromophenol
 Concen: 109.62 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223738		
332	97.8	78.2	117.2	
141	36.6	31.5	47.3	

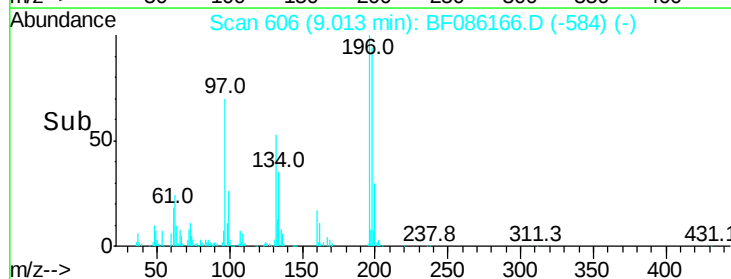
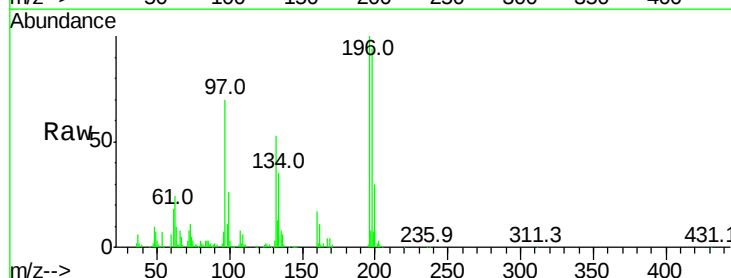
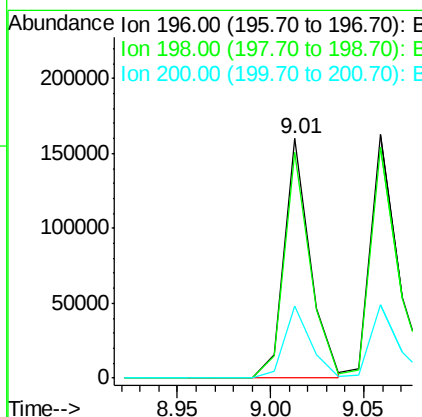
Manual Integrations
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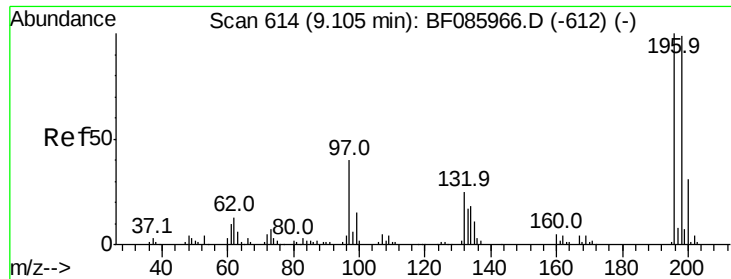
Sohil
 4/11/2016 5:45:11 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.08 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	155640		
198	94.4	75.3	112.9	
200	29.9	23.7	35.5	





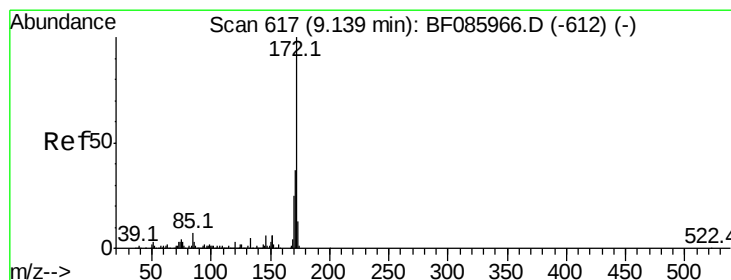
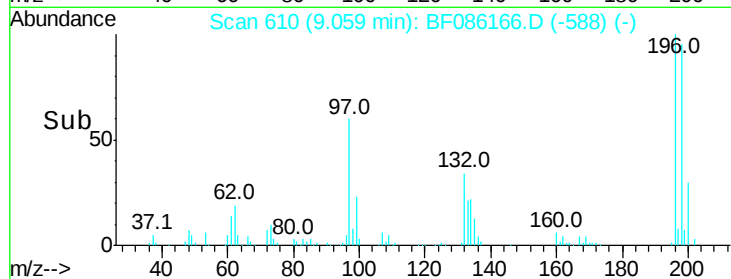
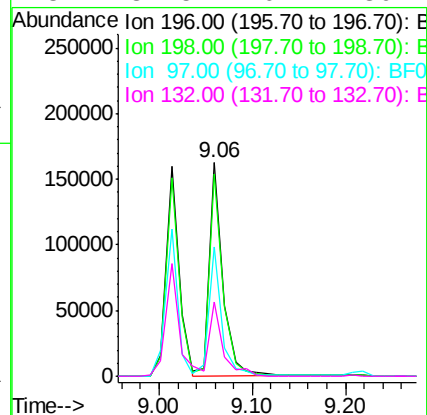
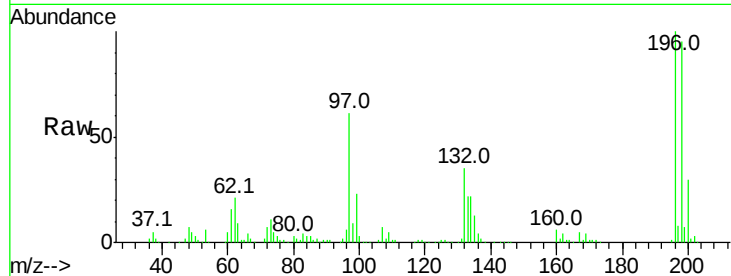
#43
 2,4,5-Trichlorophenol
 Concen: 38.86 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	165574		
198	94.7	76.6	114.8	
97	60.8	30.5	45.7#	
132	34.5	20.2	30.2#	

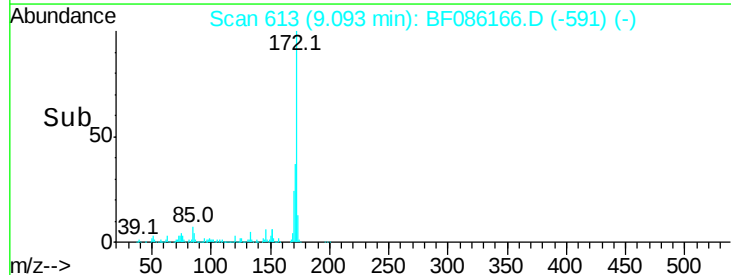
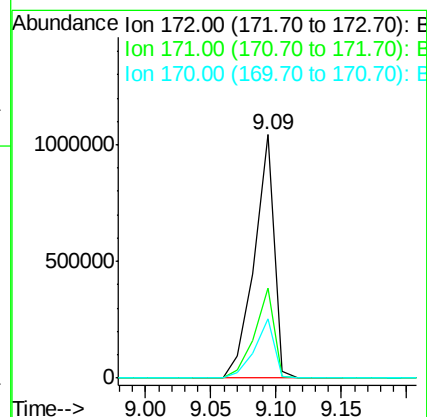
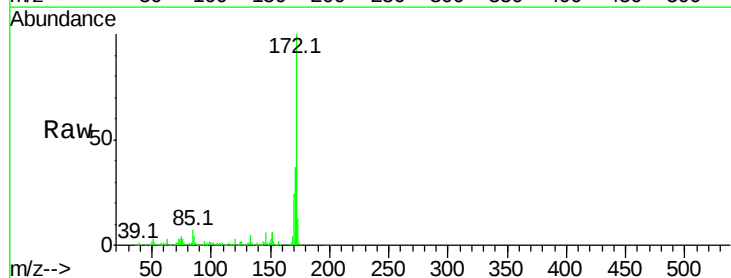
Manual Integrations
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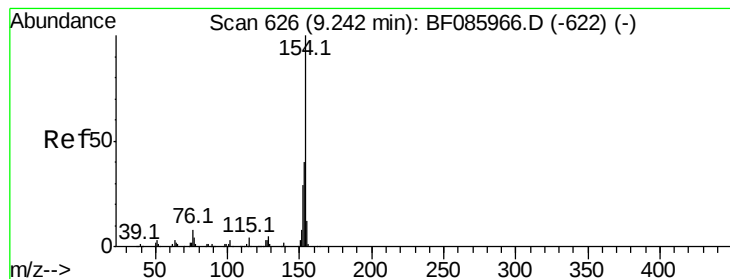
Sohil
 4/11/2016 5:45:11 PM



#44
 2-Fluorobiphenyl
 Concen: 84.80 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1109051		
171	36.8	29.4	44.2	
170	24.4	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 35.72 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

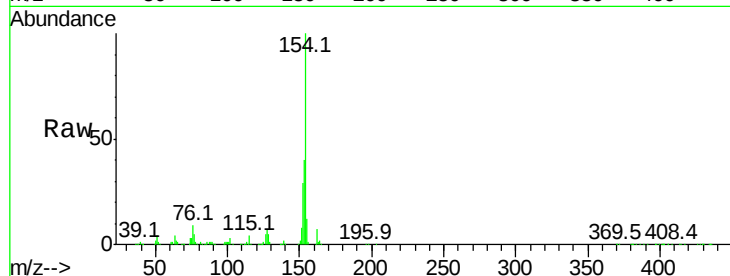
ClientSampleId :

PB89612BS

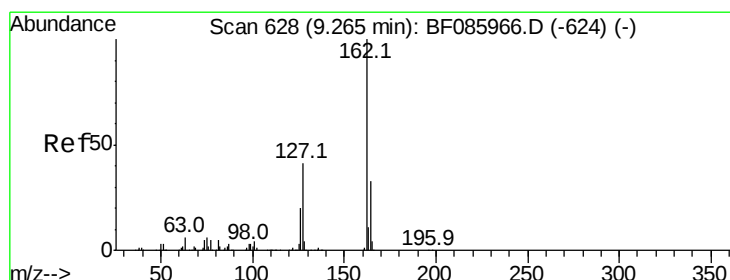
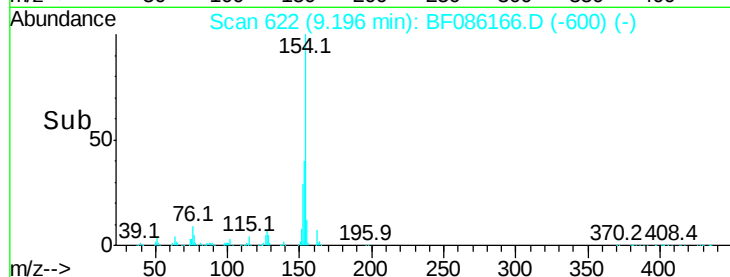
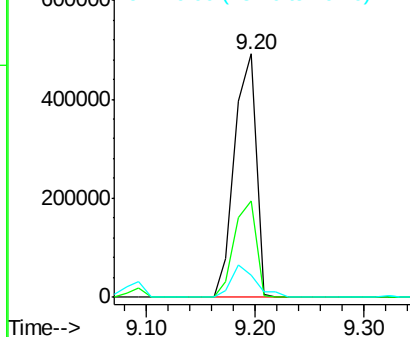
Tot Ion:	154	Resp:	669669
Ion Ratio	Lower	Upper	
154	100		
153	39.7	20.8	60.8
76	9.2	0.0	36.7

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



#46

2-Chloronaphthalene

Concen: 38.56 ng

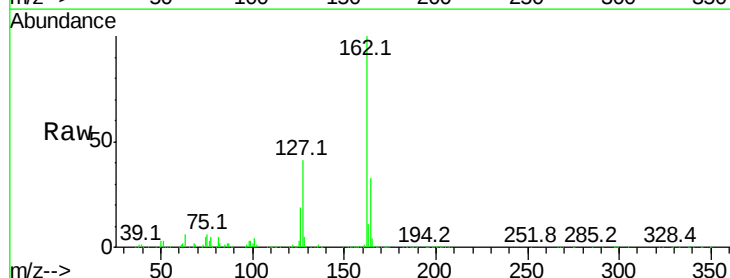
RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

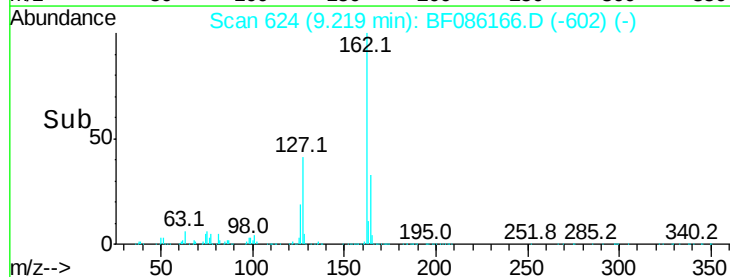
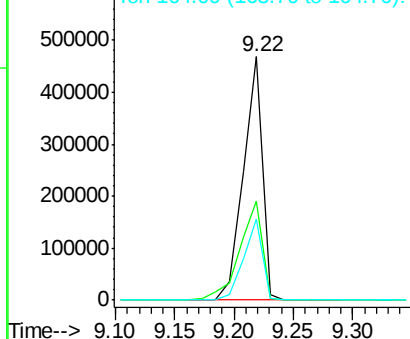
Lab File: BF086166.D

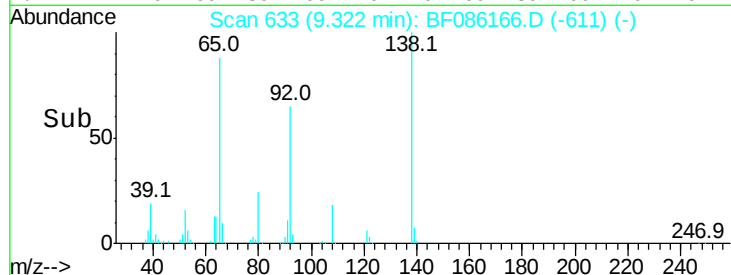
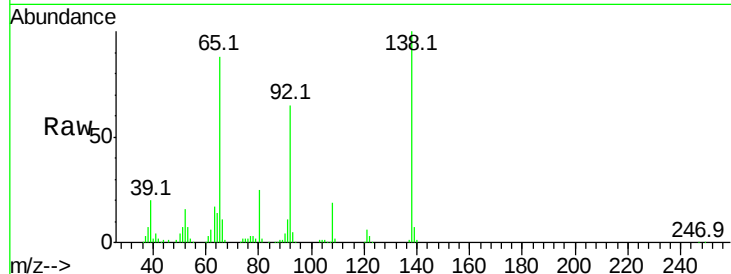
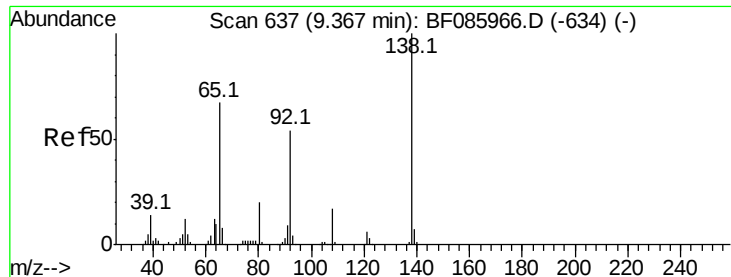
Acq: 8 Apr 2016 14:14

Tgt Ion:	162	Resp:	524094
Ion Ratio	Lower	Upper	
162	100		
127	40.6	31.7	47.5
164	33.1	27.3	40.9



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





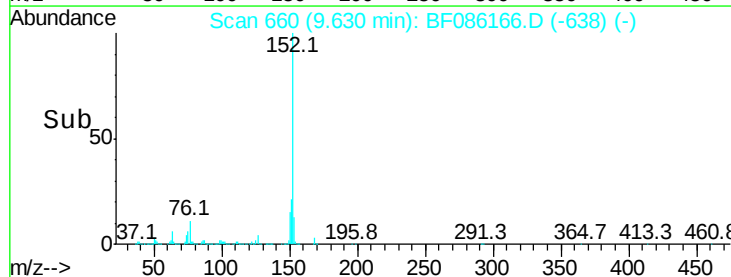
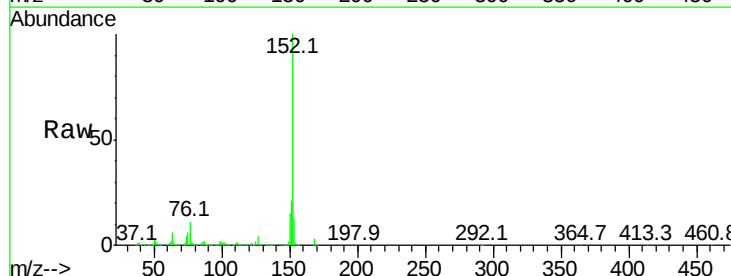
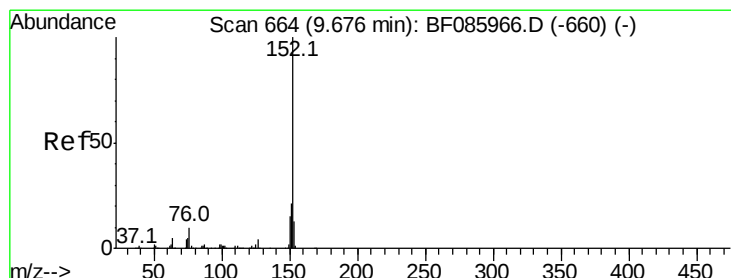
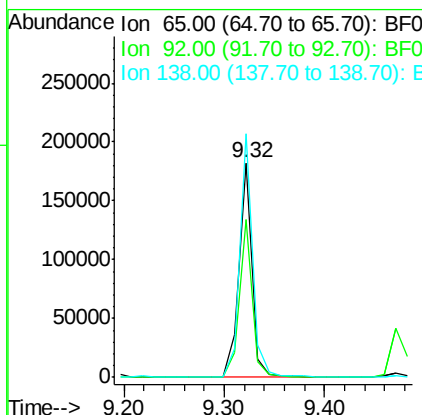
#47
2-Nitroaniline
Concen: 41.63 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.9	59.7	89.5
138	113.5	91.4	137.0

Instrument :
BNA_F
ClientSampled :
PB89612BS

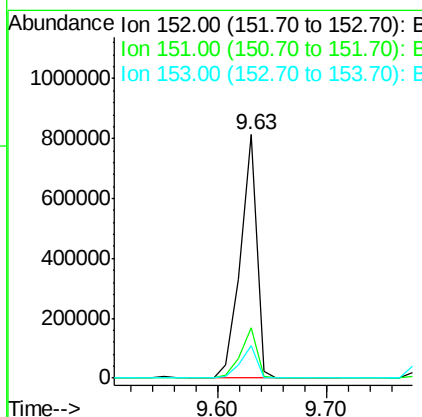
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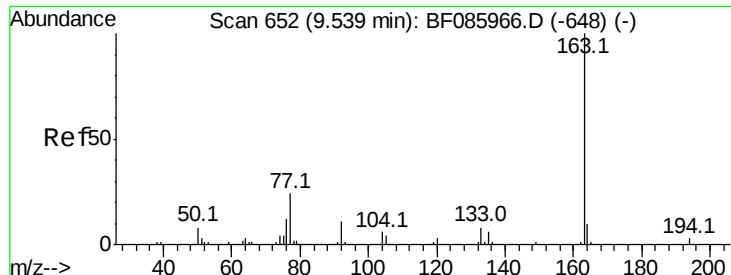
Sohil
4/11/2016 5:45:11 PM



#48
Acenaphthylene
Concen: 38.46 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.8	25.2
153	13.4	10.9	16.3





#49

Dimethylphthalate

Concen: 37.28 ng

RT: 9.49 min Scan# 648

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

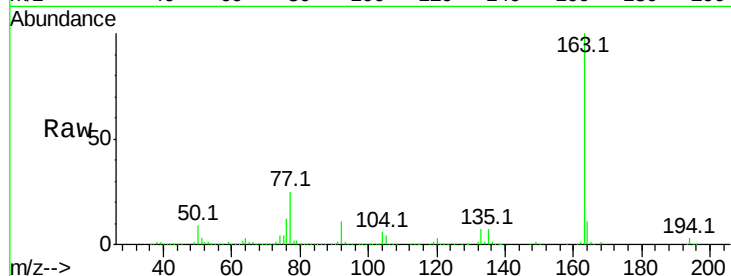
ClientSampleId :

PB89612BS

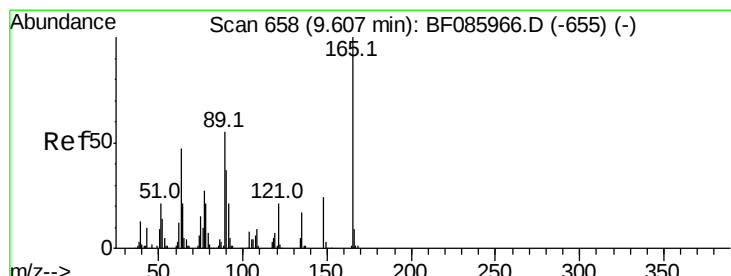
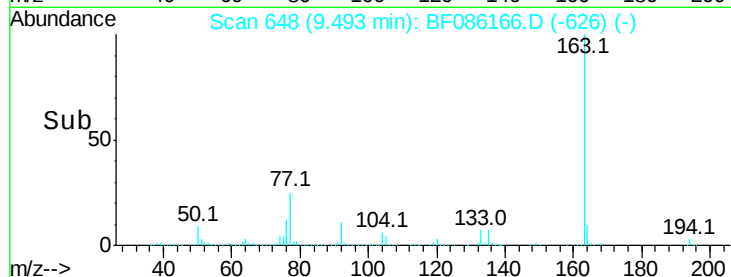
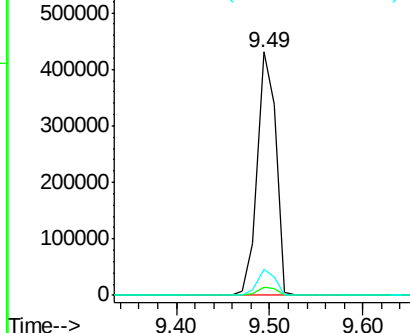
Tot Ion:	163	Resp:	600791
Ion Ratio	Lower	Upper	
163	100		
194	3.3	2.9	4.3
164	10.5	8.3	12.5

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.34 ng

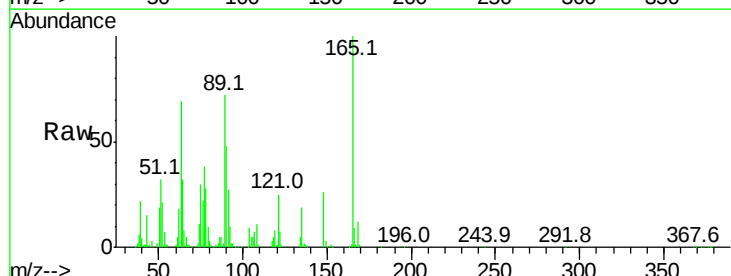
RT: 9.56 min Scan# 654

Delta R.T. -0.05 min

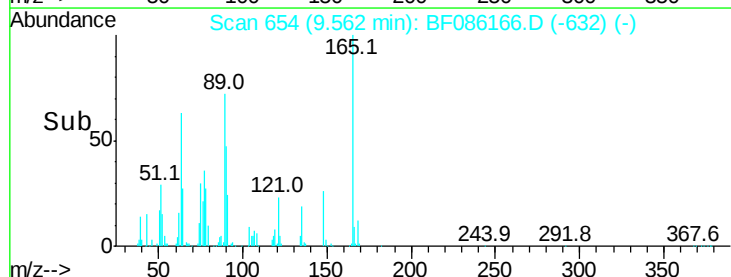
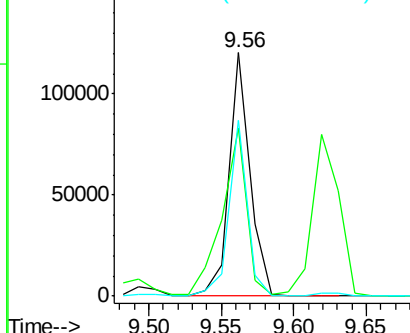
Lab File: BF086166.D

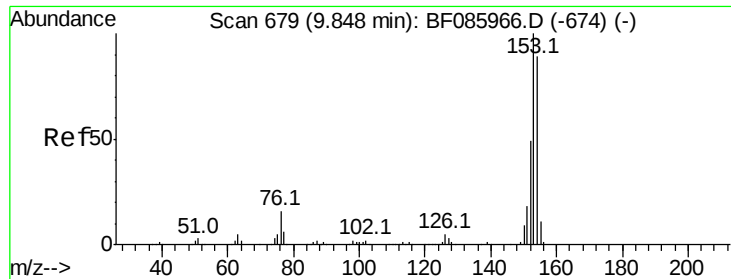
Acq: 8 Apr 2016 14:14

Tgt Ion:	165	Resp:	120502
Ion Ratio	Lower	Upper	
165	100		
63	69.0	51.8	77.8
89	71.9	53.7	80.5



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





#51

Acenaphthene

Concen: 38.37 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

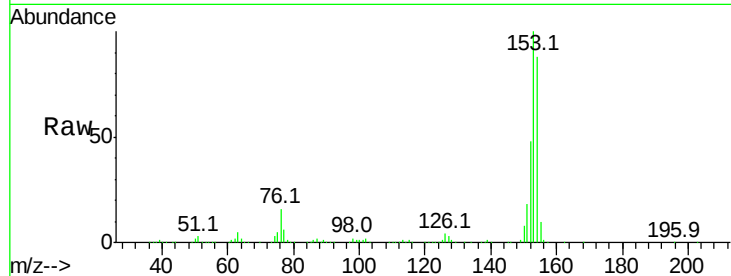
ClientSampleId :

PB89612BS

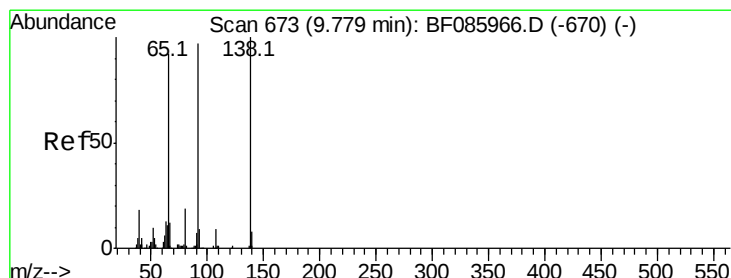
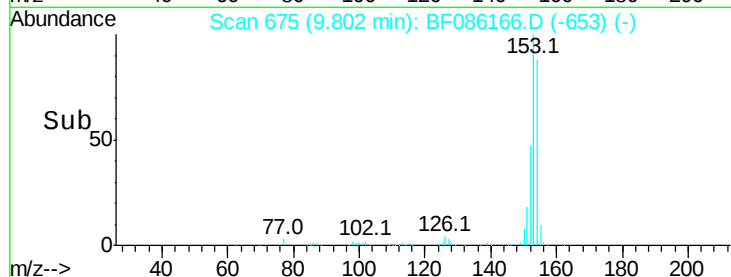
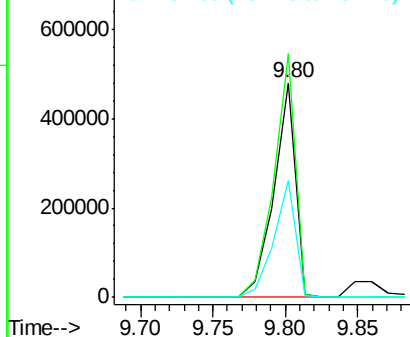
Tot Ion:	154	Resp:	496798
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.1	135.1
152	54.6	44.2	66.2

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



#52

3-Nitroaniline

Concen: 16.70 ng

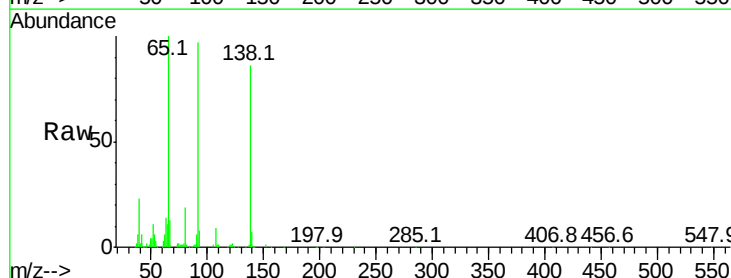
RT: 9.73 min Scan# 669

Delta R.T. -0.05 min

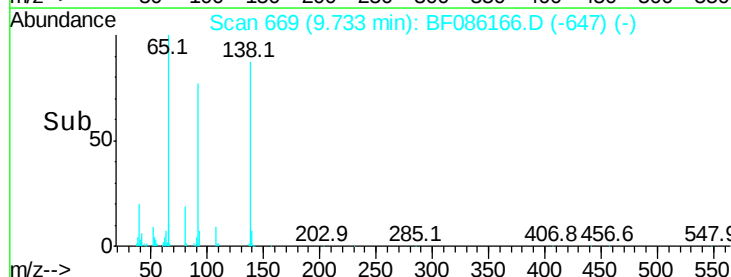
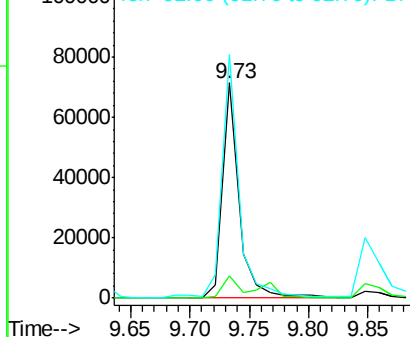
Lab File: BF086166.D

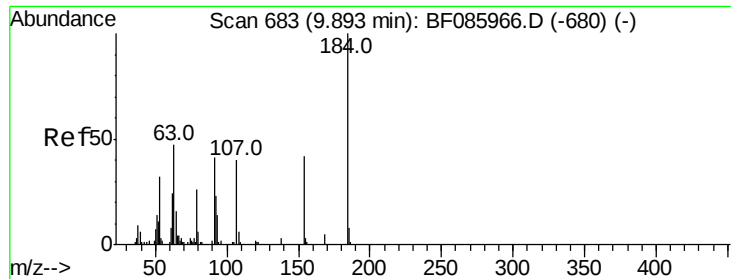
Acq: 8 Apr 2016 14:14

Tgt Ion:	138	Resp:	68620
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.7	13.1
92	113.1	93.3	139.9



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





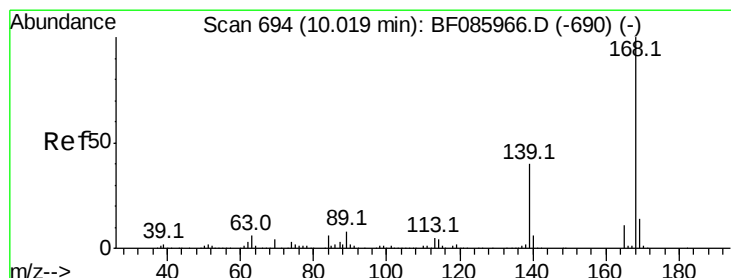
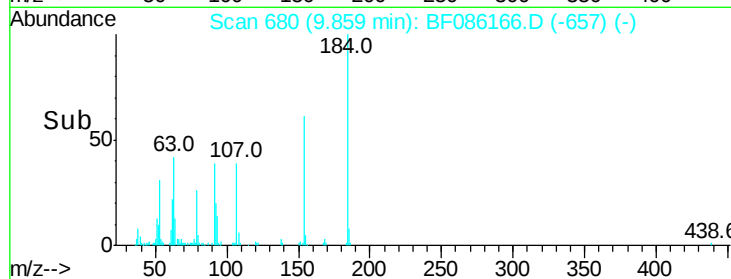
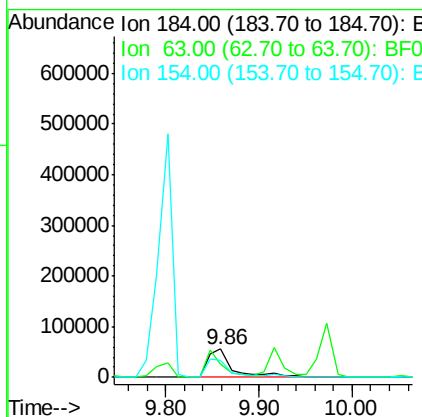
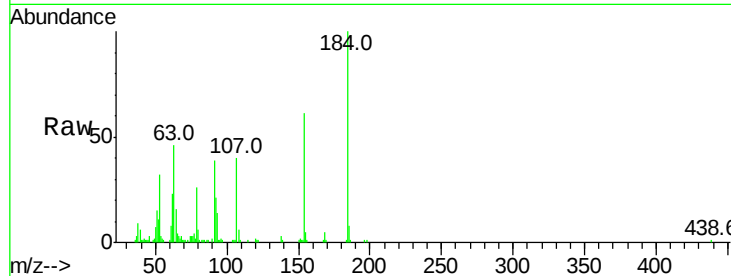
#53
2,4-Dinitrophenol
Concen: 54.89 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	45.6	69.5	104.3#	
154	60.6	58.3	87.5	

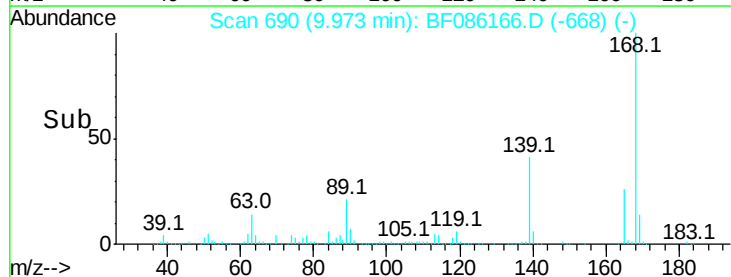
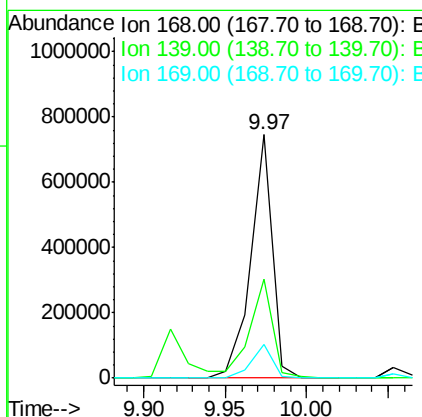
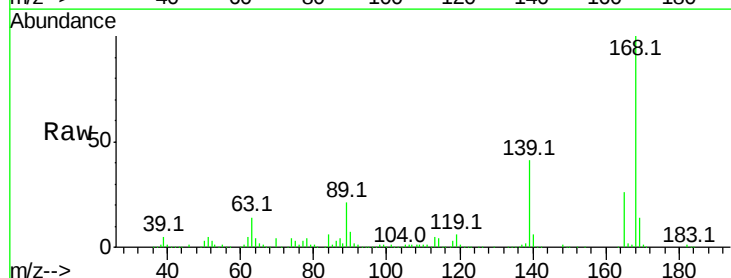
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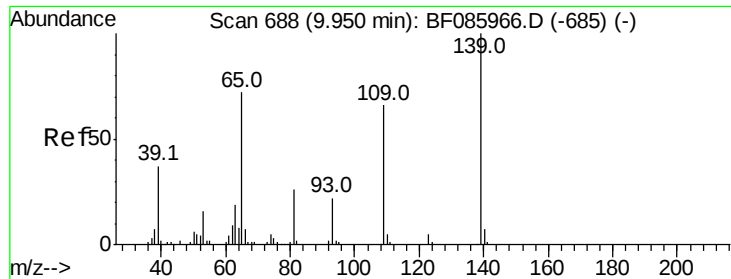
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#54
Dibenzofuran
Concen: 40.10 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.8	31.9	47.9	
169	13.7	11.0	16.6	





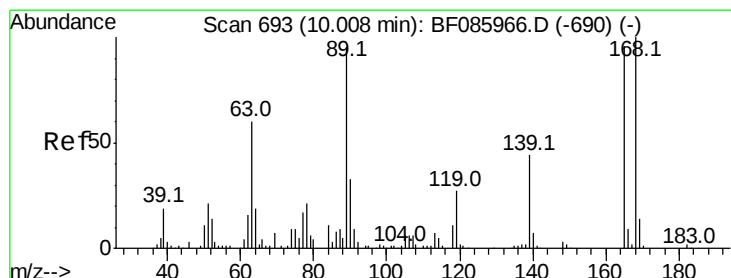
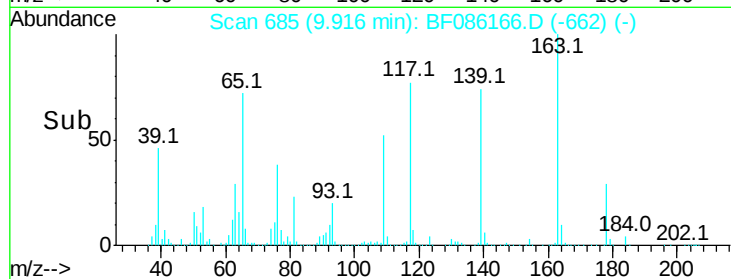
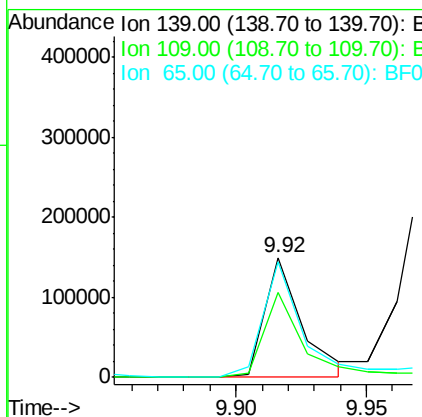
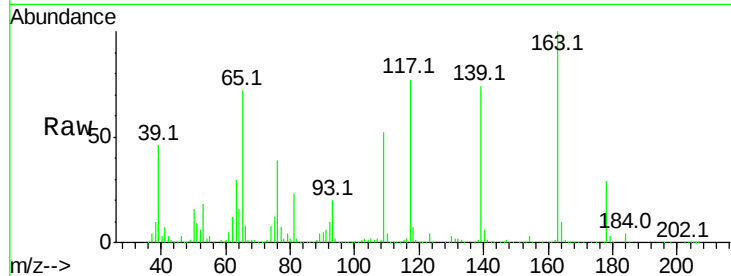
#55
4-Nitrophenol
Concen: 61.64 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	71.0	49.2	89.2
65	96.9	66.9	106.9

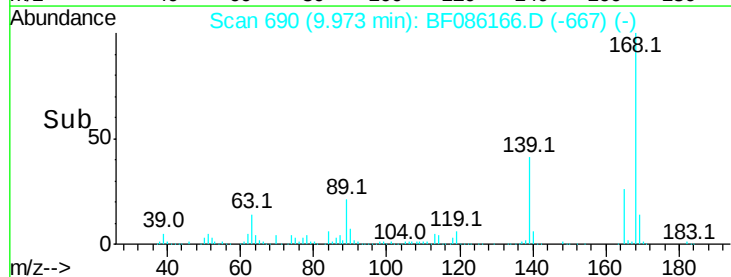
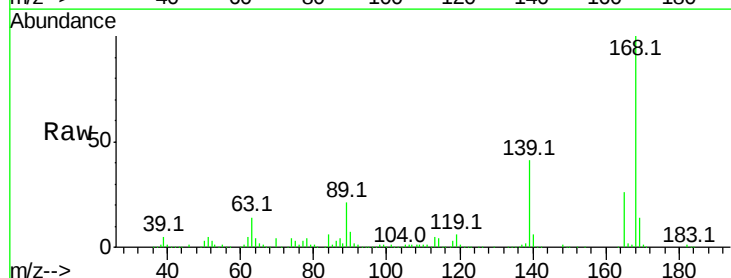
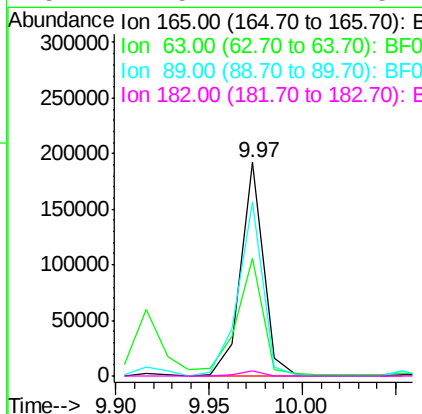
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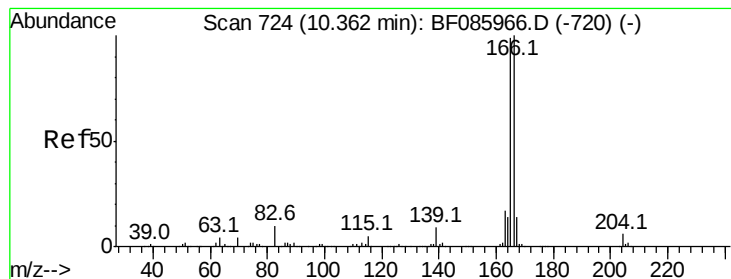
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#56
2,4-Dinitrotoluene
Concen: 38.04 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.1	24.9	37.3#
89	81.5	41.0	61.6#
182	2.5	2.1	3.1





#57

Fluorene

Concen: 38.57 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

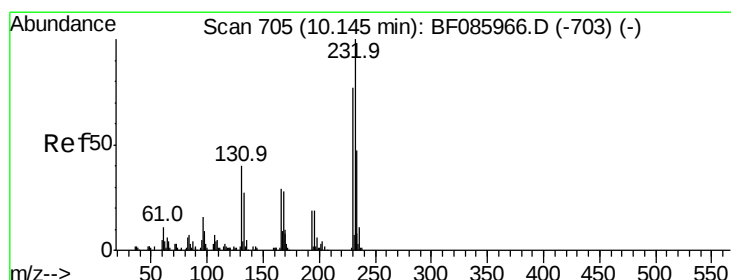
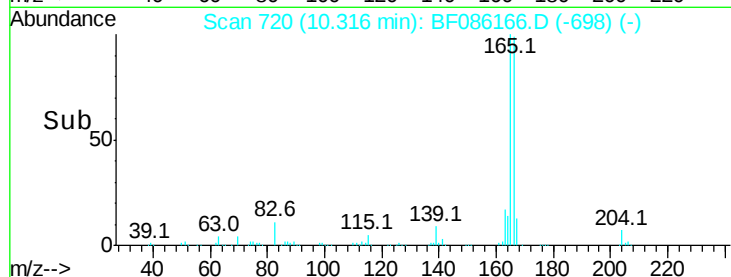
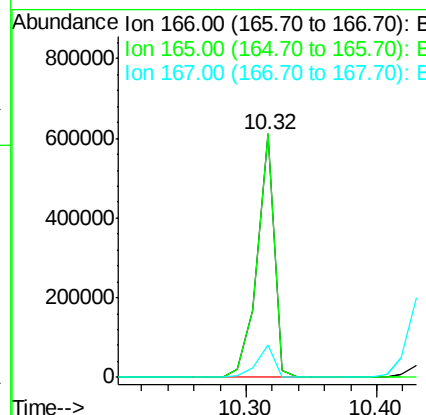
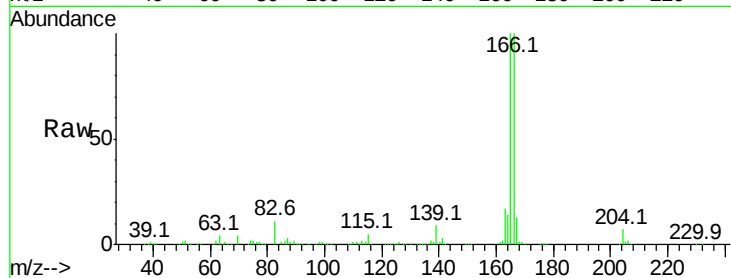
ClientSampleId :

PB89612BS

Tot Ion:166	Resp:	563413
Ion Ratio	Lower	Upper
166	100	
165	99.9	79.4 119.0
167	13.5	11.0 16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.77 ng

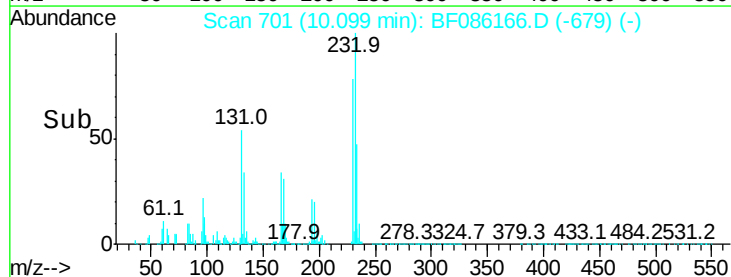
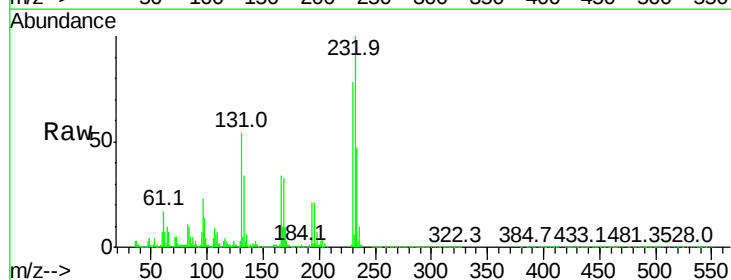
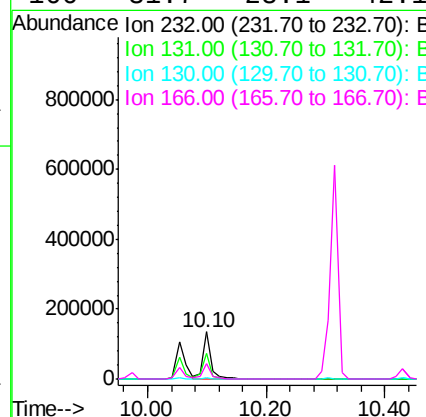
RT: 10.10 min Scan# 701

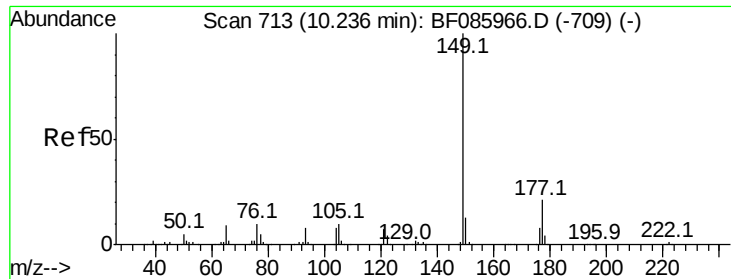
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:232	Resp:	132526
Ion Ratio	Lower	Upper
232	100	
131	52.6	44.9 67.3
130	3.3	2.3 3.5
166	31.7	28.1 42.1





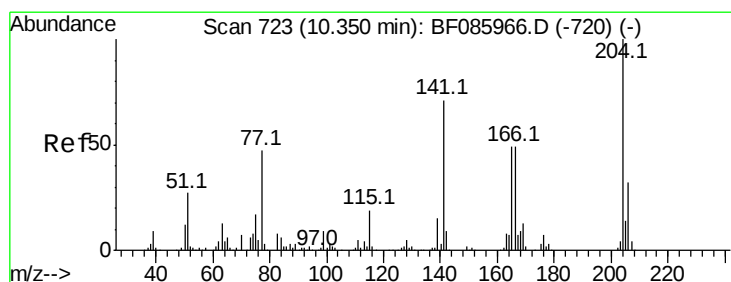
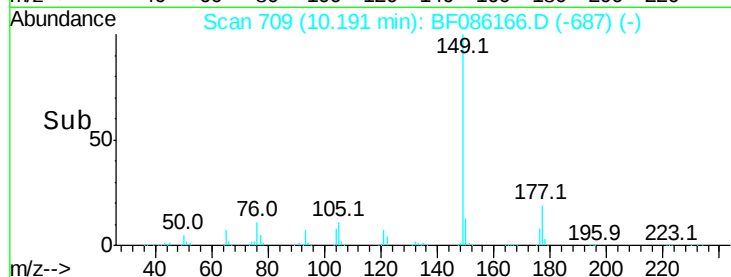
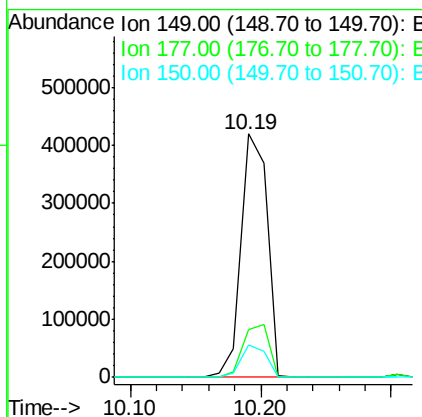
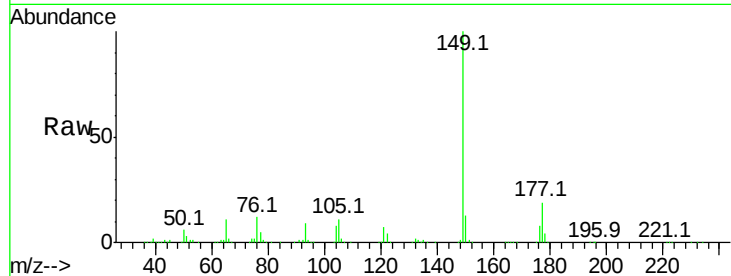
#59
Diethylphthalate
Concen: 35.81 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampled :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	582507		
177	19.4		17.9	26.9
150	13.2		10.2	15.2

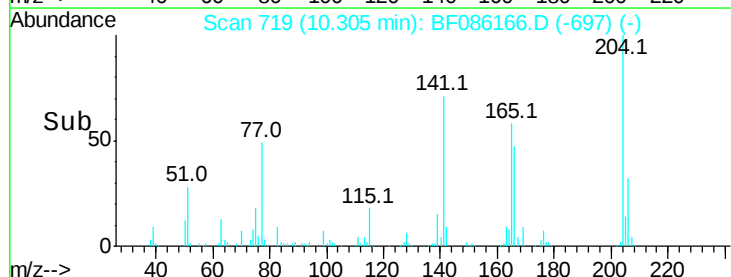
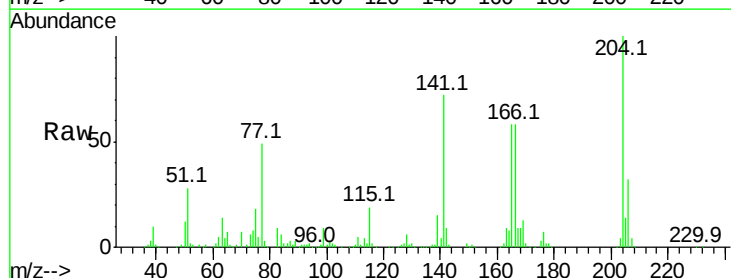
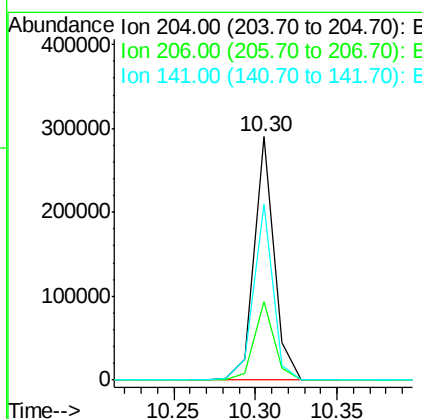
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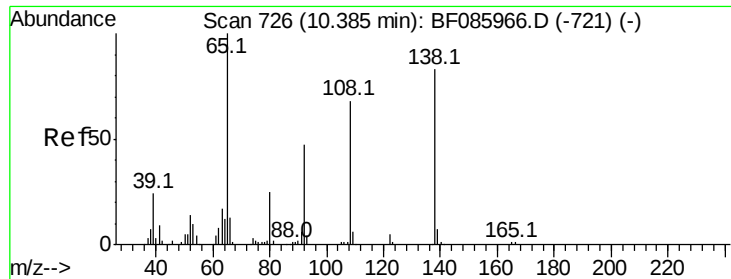
Sohil
4/11/2016 5:45:11 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.51 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	248465		
206	32.3		26.6	39.8
141	71.9		57.4	86.0





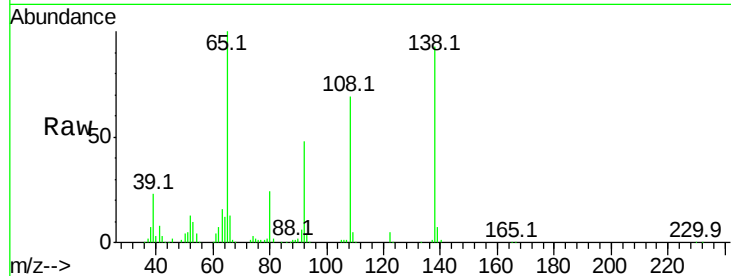
#61
4-Nitroaniline
Concen: 34.48 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

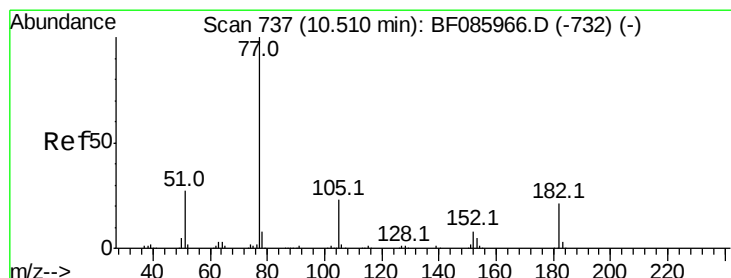
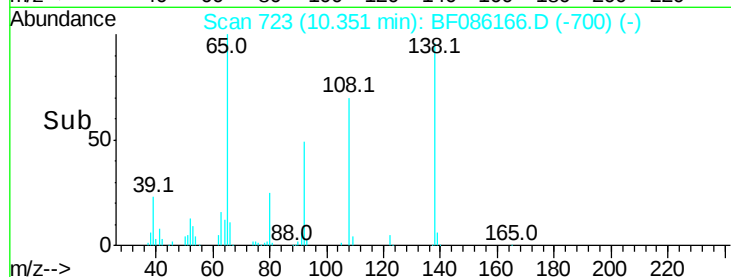
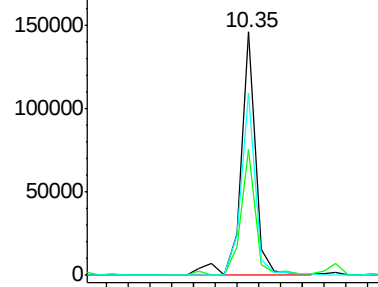
Tot Ion	Ratio	Resp	Lower	Upper
138	100	139571		
92	51.8	26.4	66.4	
108	74.9	49.0	89.0	

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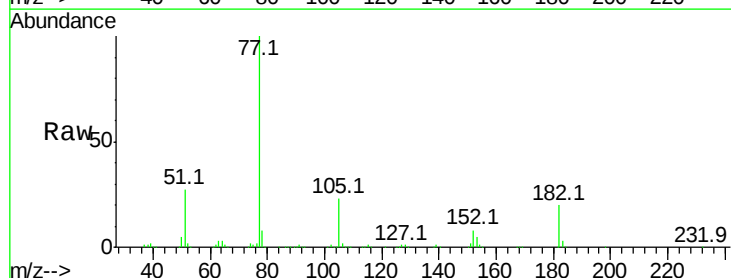


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

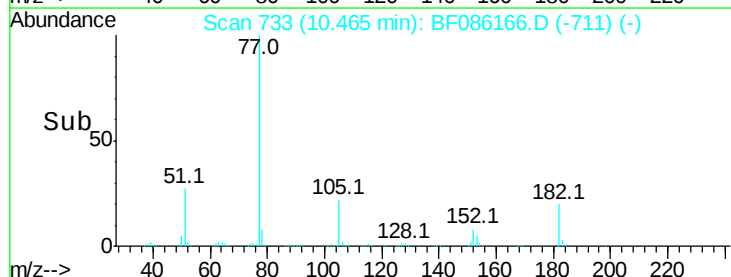
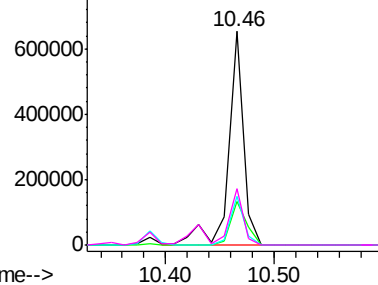


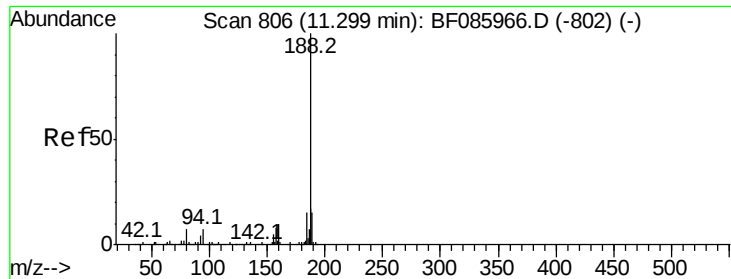
#62
Azobenzene
Concen: 40.99 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	638664		
182	20.3	1.9	41.9	
105	22.8	3.5	43.5	
51	26.6	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





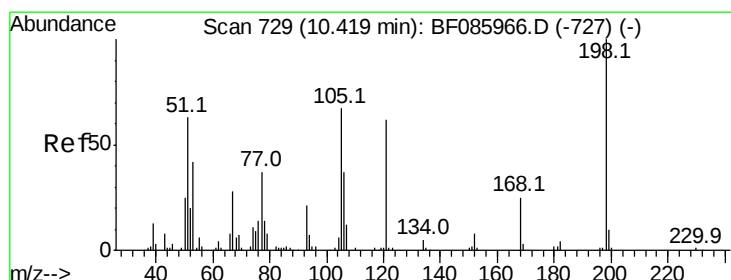
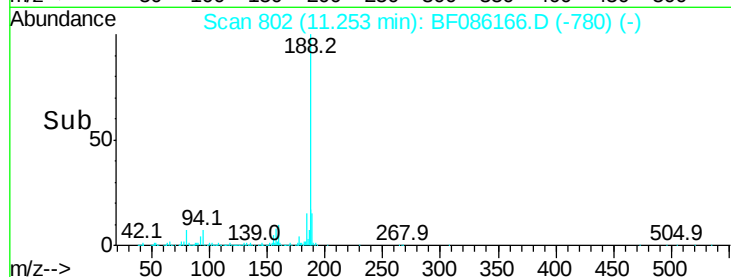
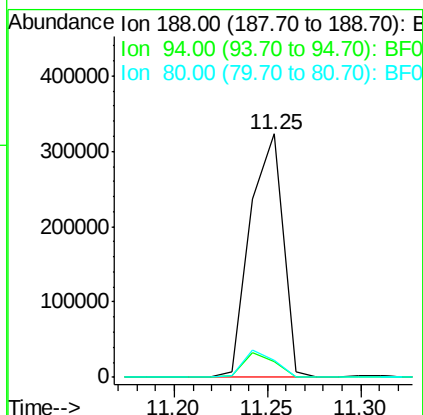
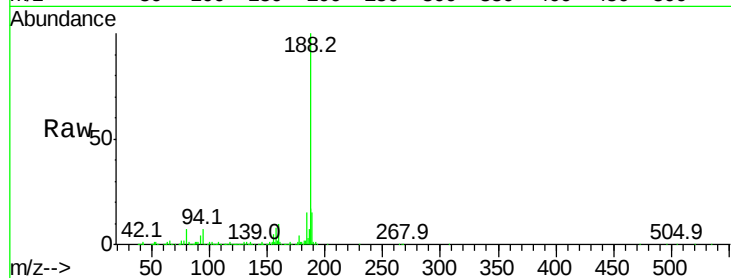
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.7	5.4	8.0
80	6.9	5.5	8.3

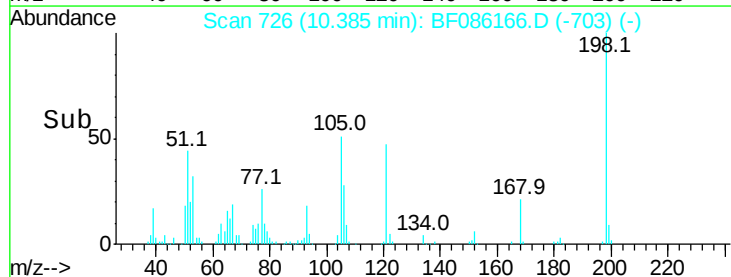
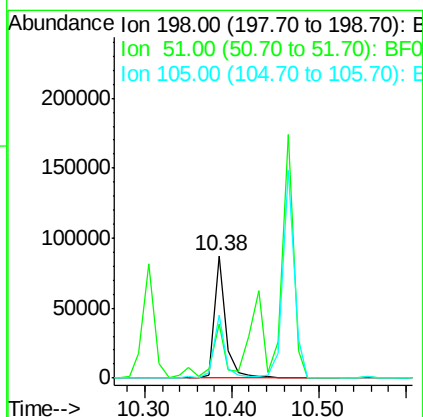
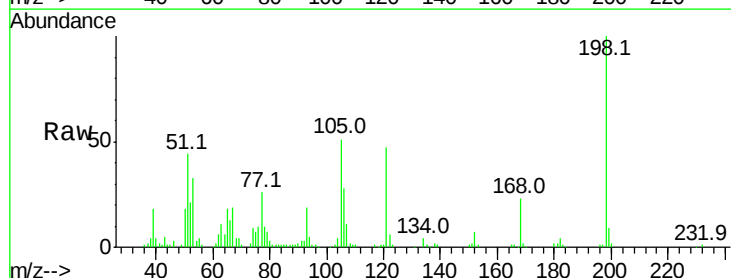
Manual Integrations
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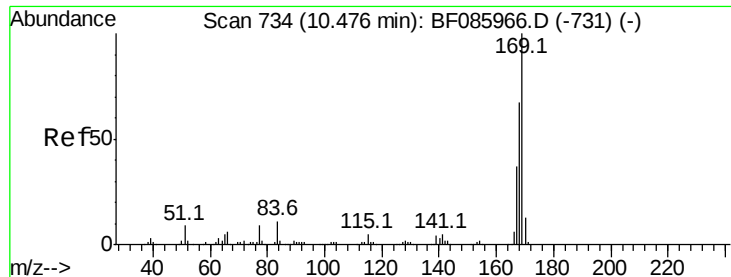
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 34.36 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	44.0	45.4	85.4#
105	51.4	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 39.76 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

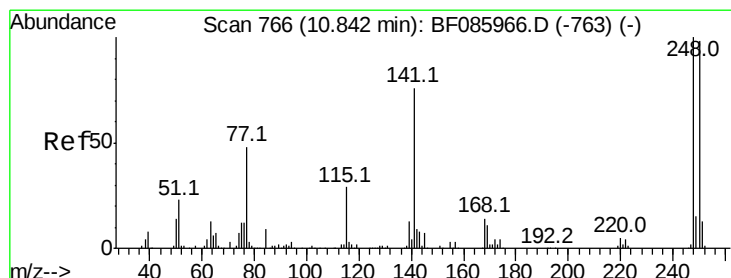
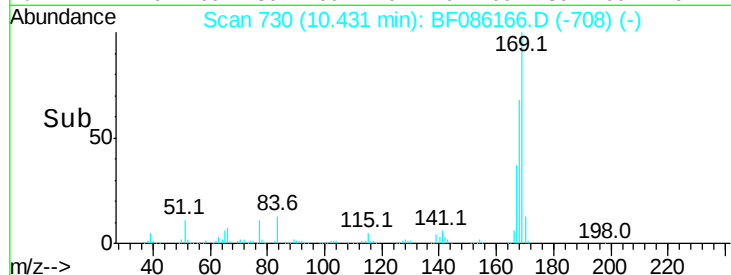
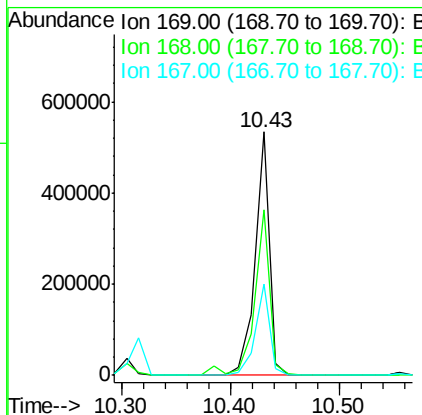
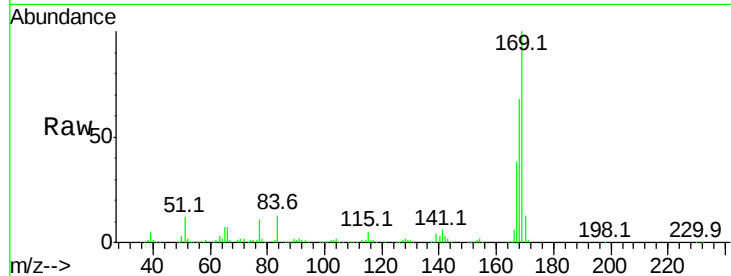
ClientSampleId :

PB89612BS

Tot Ion:	169	Resp:	491047
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.4	81.6
167	37.5	29.4	44.0

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#66

4-Bromophenyl-phenylether

Concen: 40.89 ng

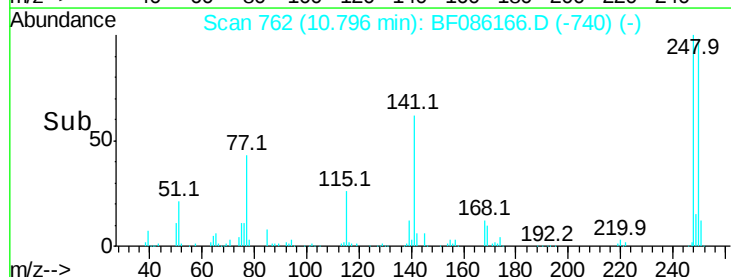
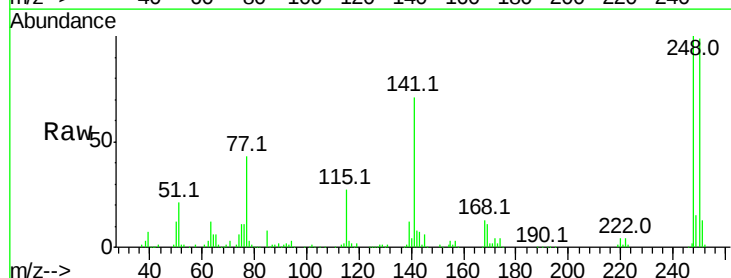
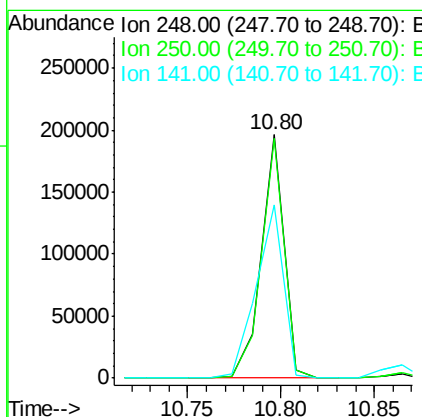
RT: 10.80 min Scan# 762

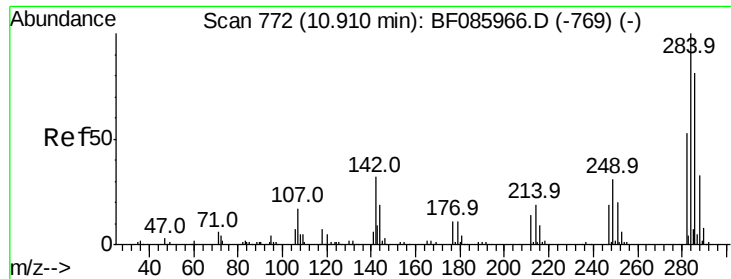
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	248	Resp:	164874
Ion Ratio	Lower	Upper	
248	100		
250	98.6	77.4	116.0
141	71.3	63.6	95.4





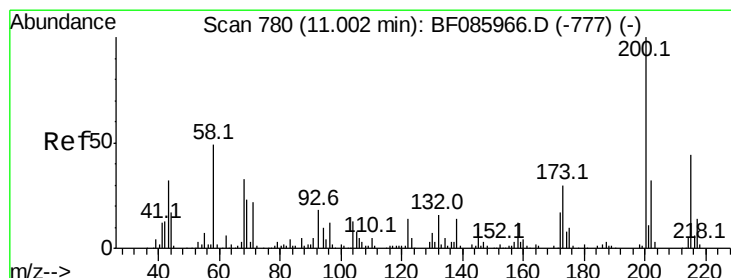
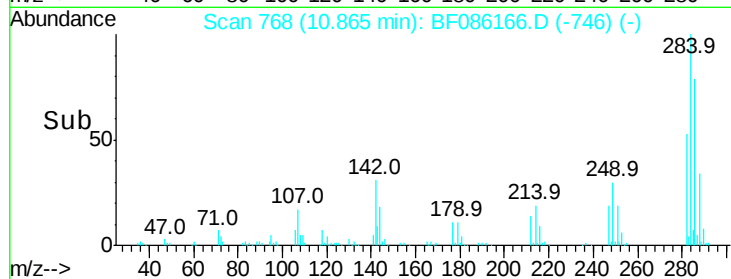
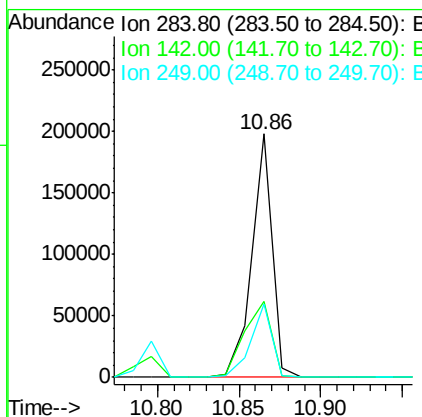
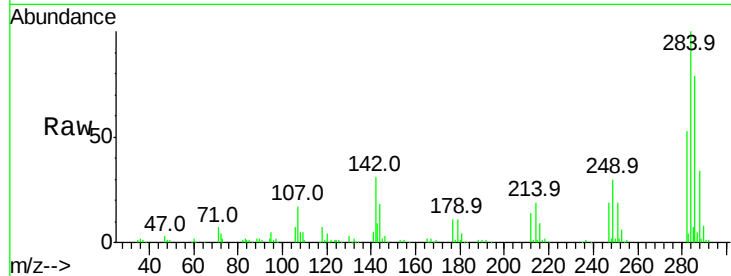
#67
Hexachlorobenzene
Concen: 41.11 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	171429		
142	31.3	23.1	34.7	
249	30.1	24.2	36.2	

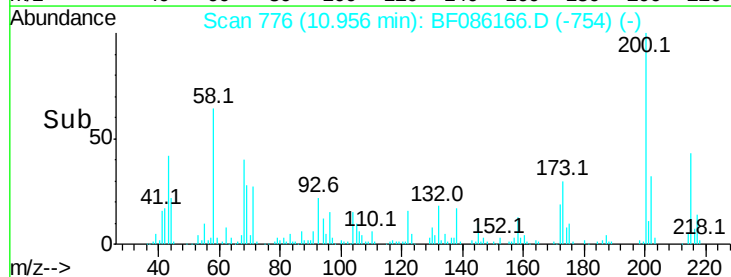
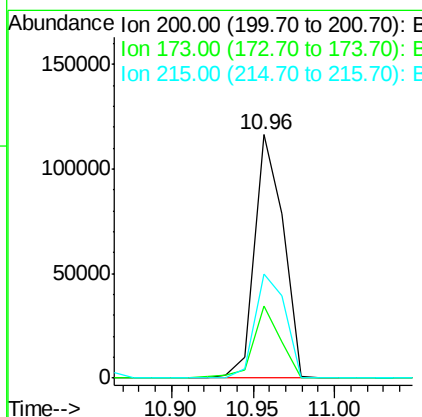
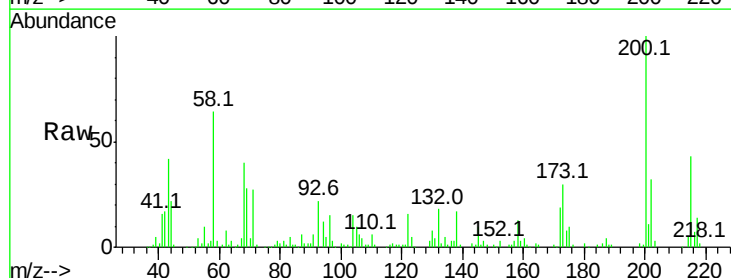
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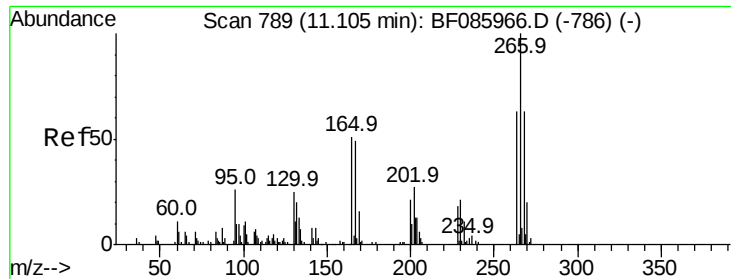
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#68
Atrazine
Concen: 35.64 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	142224		
173	29.8	7.7	47.7	
215	42.9	25.4	65.4	





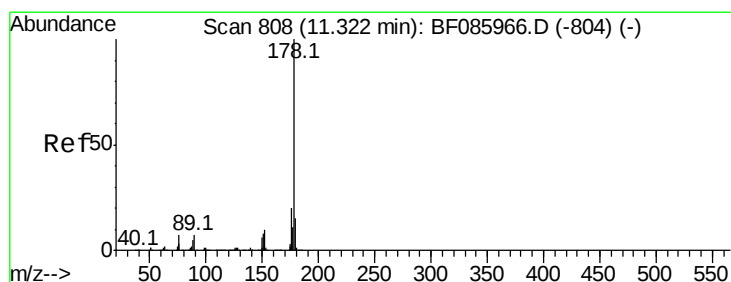
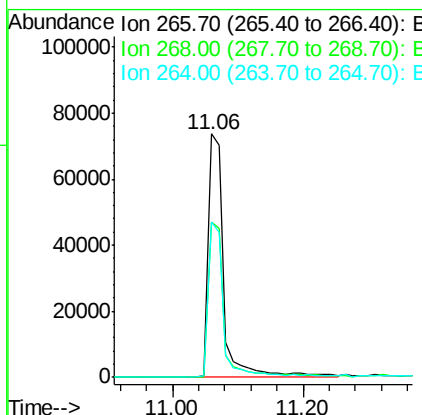
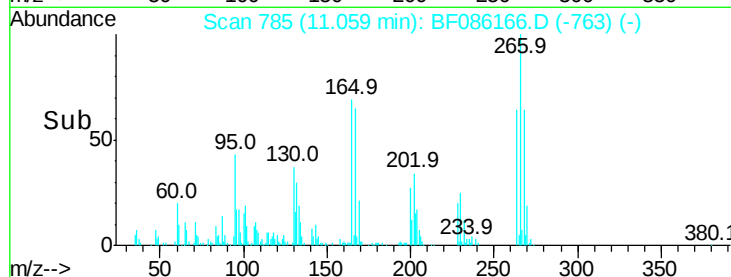
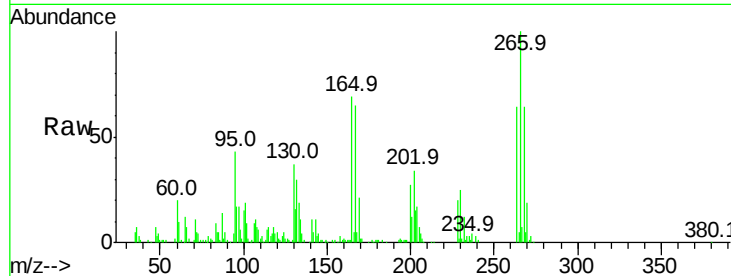
#69
 Pentachlorophenol
 Concen: 63.36 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampled :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123817		
268	64.0		51.5	77.3
264	63.6		50.6	76.0

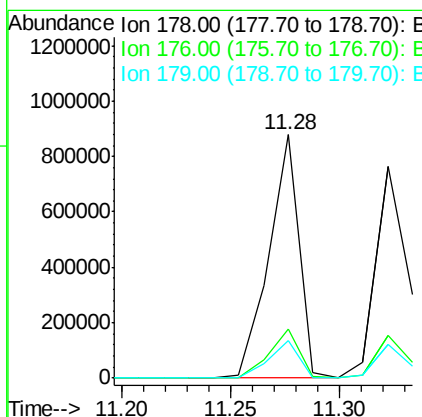
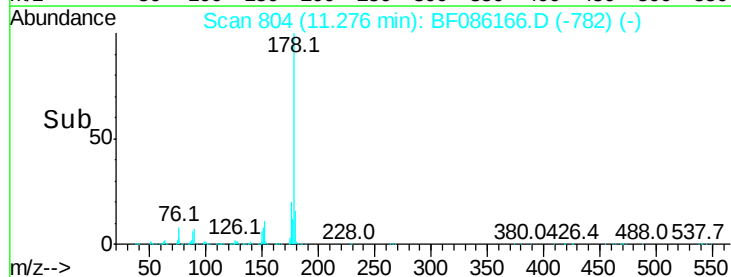
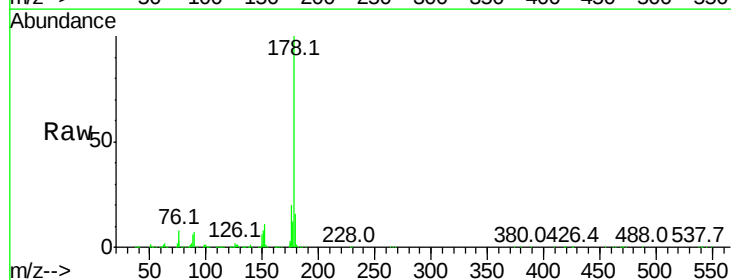
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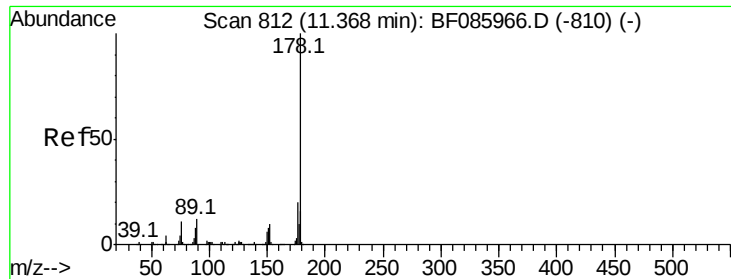
Sohil
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#70
 Phenanthrene
 Concen: 39.74 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	856276		
176	20.1		16.3	24.5
179	15.5		12.6	18.8





#71

Anthracene

Concen: 34.46 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

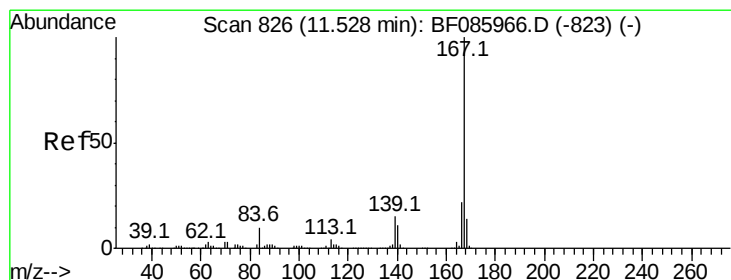
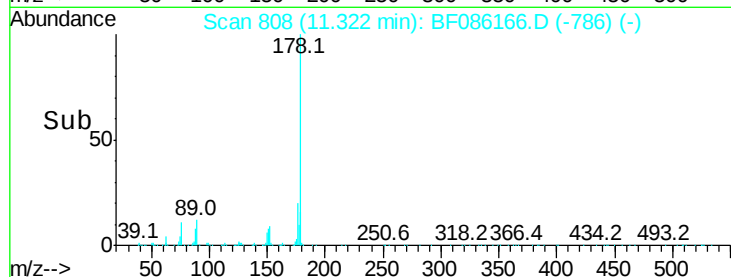
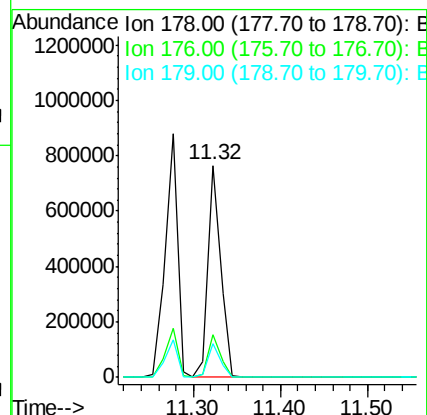
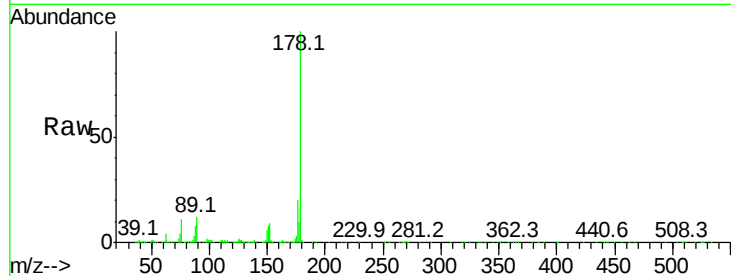
ClientSampleId :

PB89612BS

Tot Ion:	178	Resp:	777657
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	15.9	13.0	19.4

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#72

Carbazole

Concen: 35.36 ng

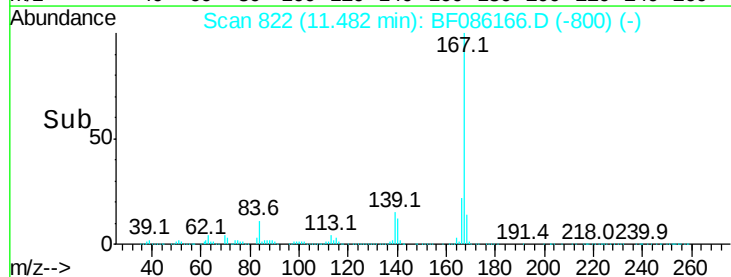
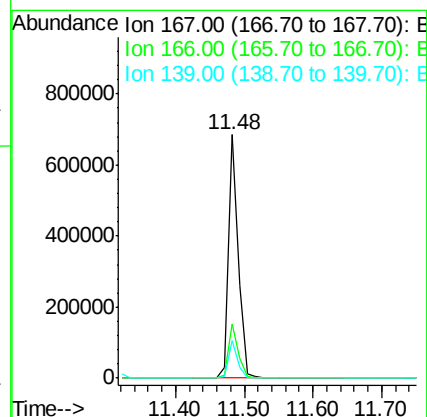
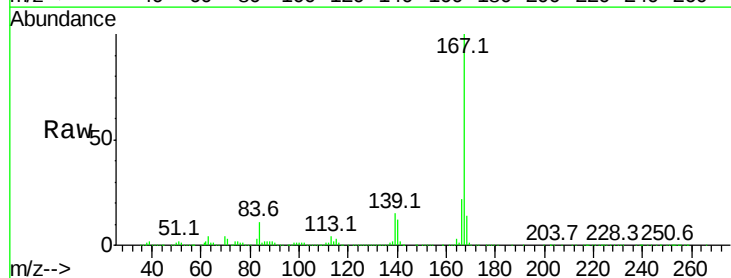
RT: 11.48 min Scan# 822

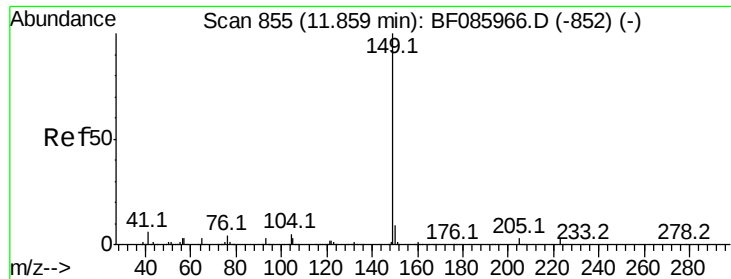
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	167	Resp:	685977
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.8
139	15.2	11.6	17.4





#73

Di-n-butylphthalate

Concen: 38.24 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

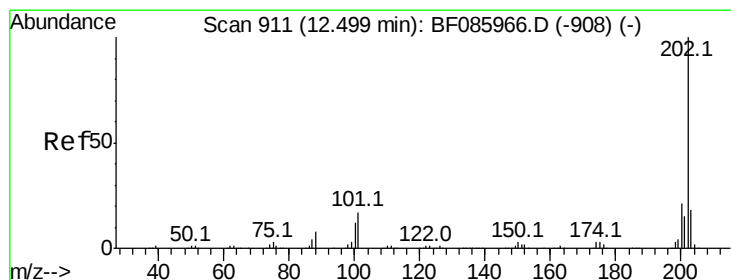
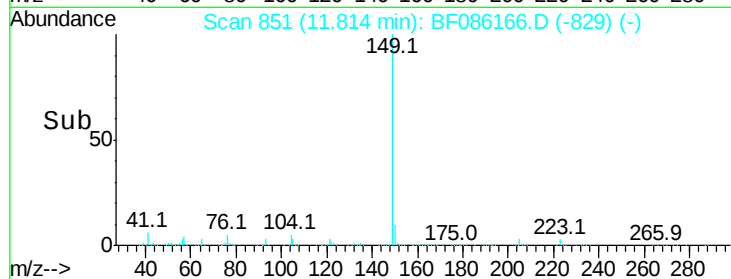
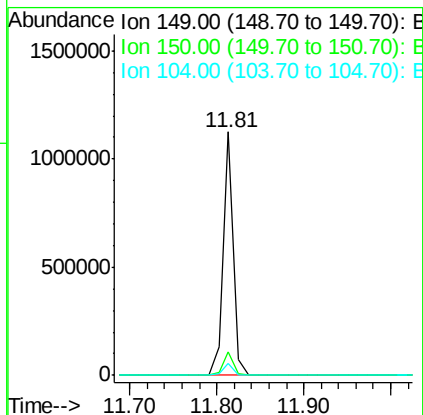
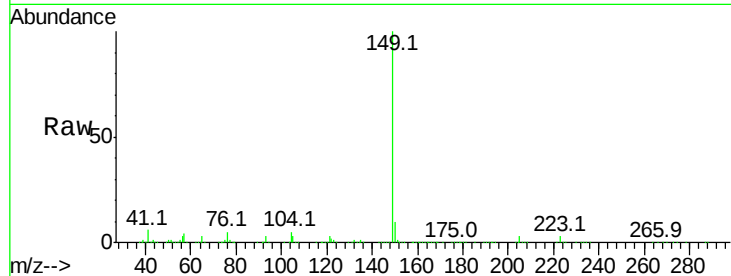
ClientSampleId :

PB89612BS

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.5	7.6	11.4		
104	5.1	3.8	5.8		



#74

Fluoranthene

Concen: 35.50 ng

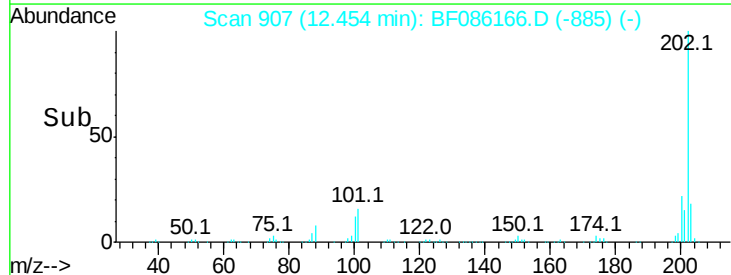
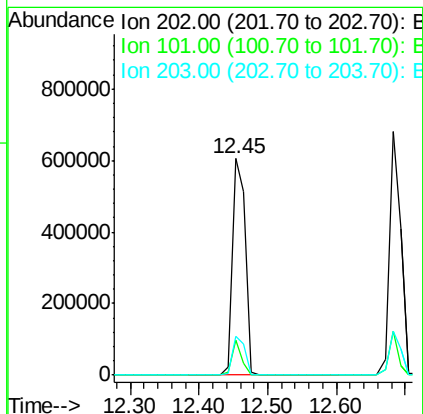
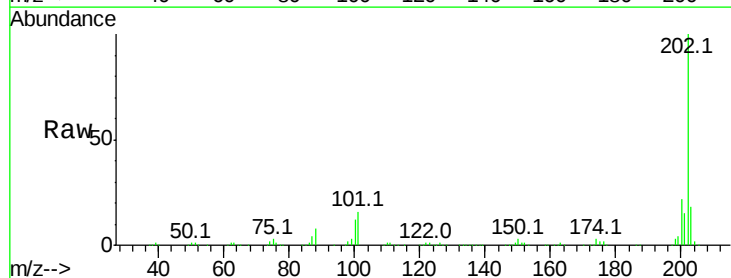
RT: 12.45 min Scan# 907

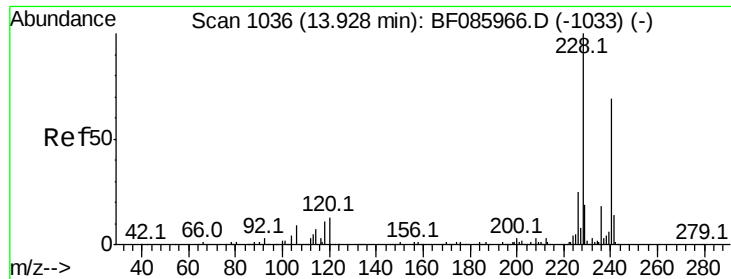
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	16.2	0.0	36.6		
203	18.2	0.0	38.1		





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

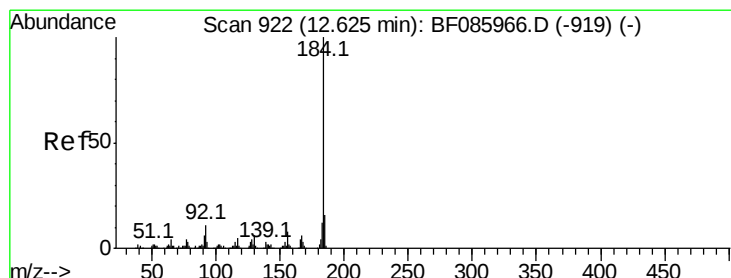
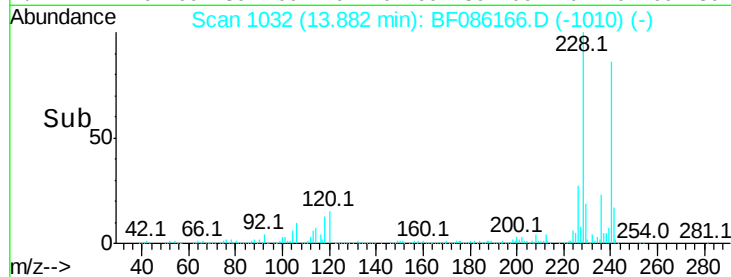
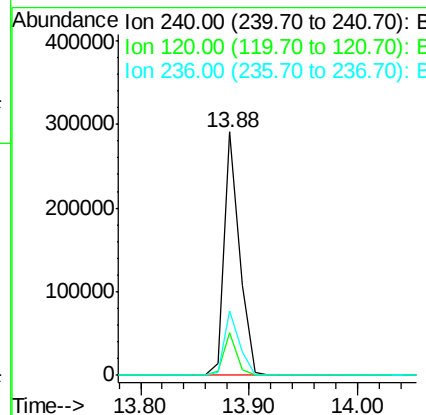
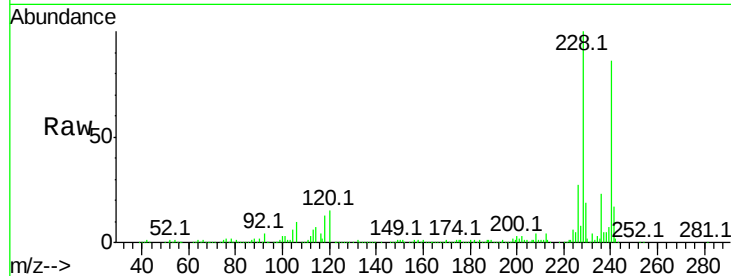
ClientSampleId :

PB89612BS

Tot Ion:	240	Resp:	287606
Ion Ratio	Lower	Upper	
240	100		
120	17.5	13.8	20.8
236	26.5	20.6	30.8

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#76

Benzidine

Concen: 26.54 ng

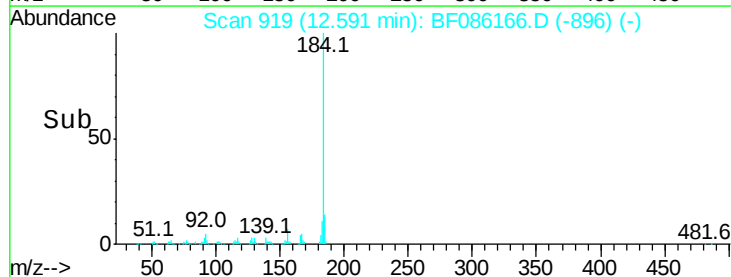
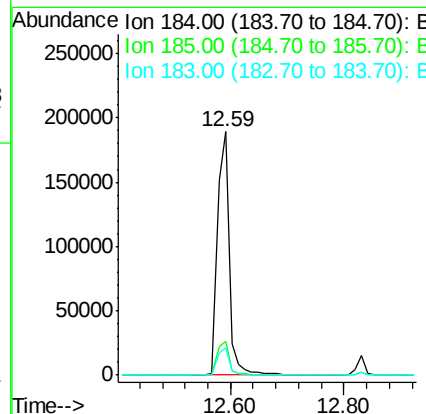
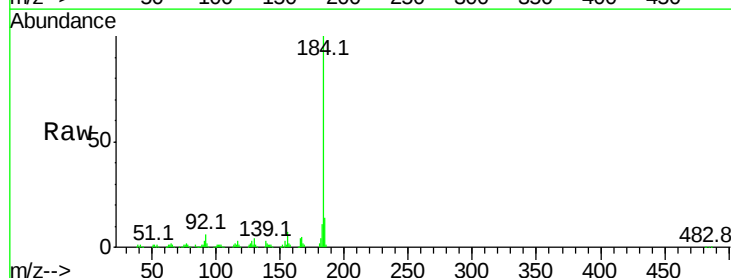
RT: 12.59 min Scan# 919

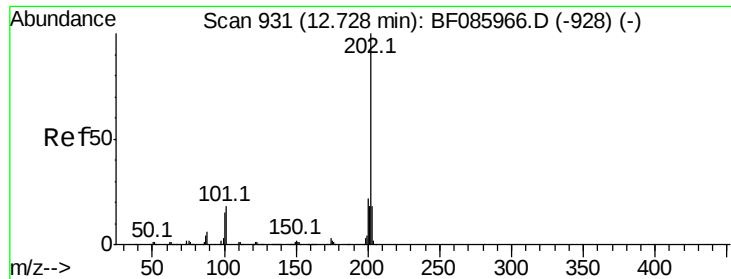
Delta R.T. -0.03 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	184	Resp:	269314
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.4	18.6
183	11.0	9.4	14.2





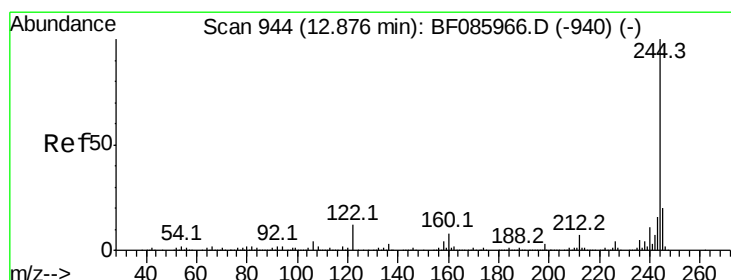
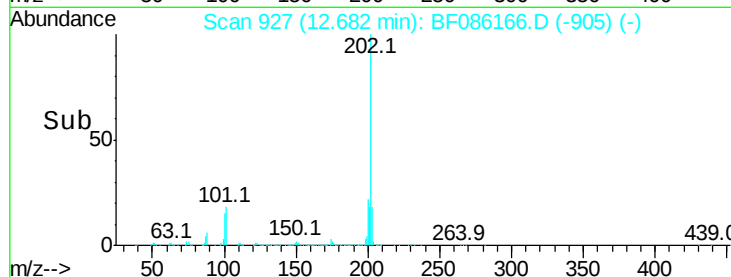
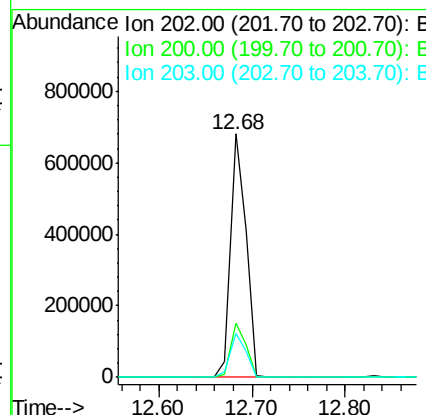
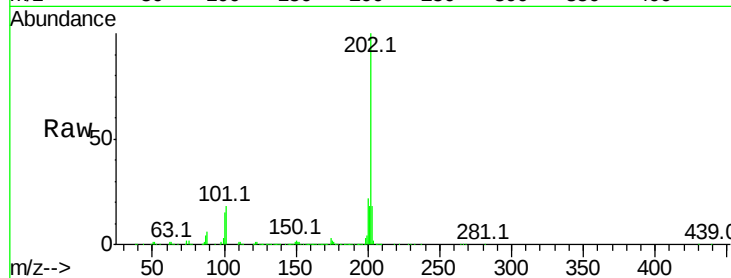
#77
Pvrene
Concen: 38.79 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	22.4	17.6	26.4
203	18.0	14.0	21.0

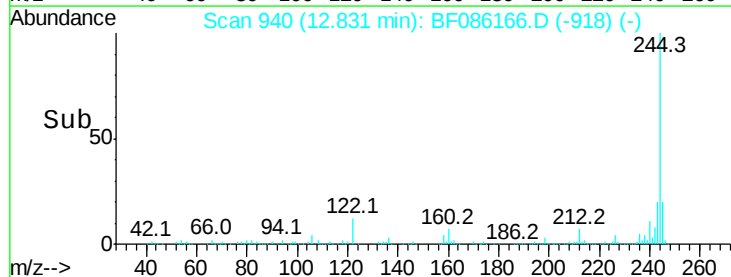
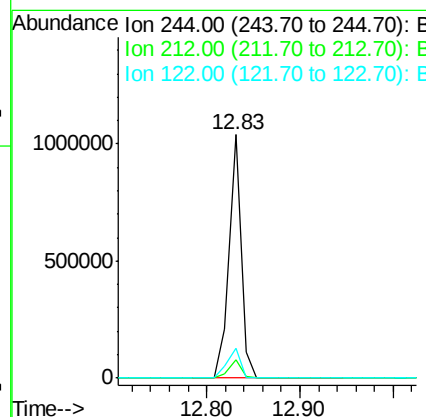
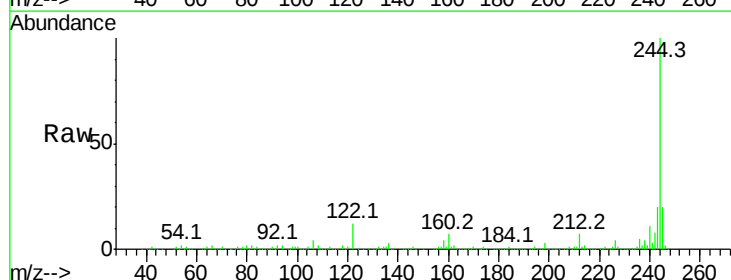
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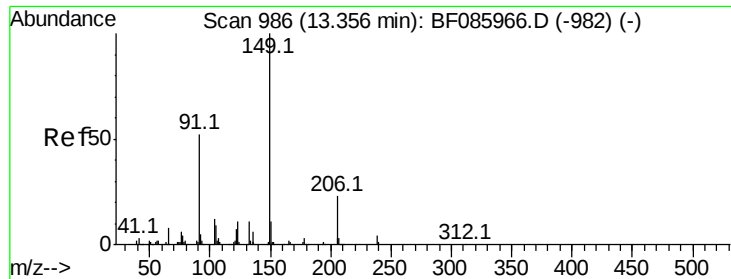
Sohil
4/11/2016 5:45:11 PM



#78
Terphenyl-d14
Concen: 76.59 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.1	9.1
122	12.2	10.2	15.4





#79

Butylbenzylphthalate

Concen: 42.77 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

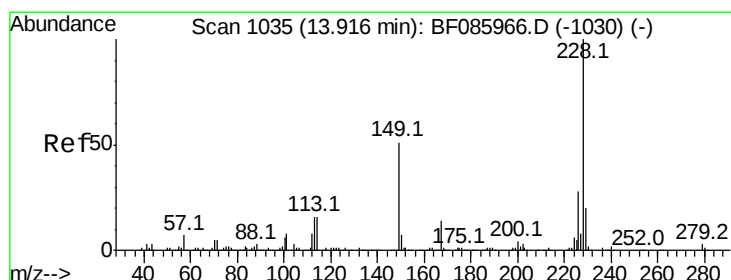
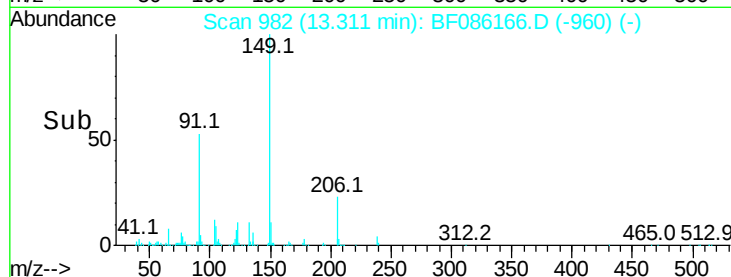
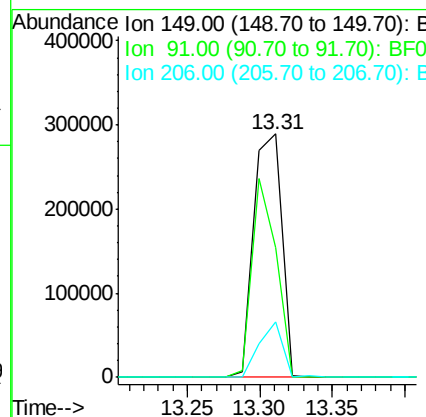
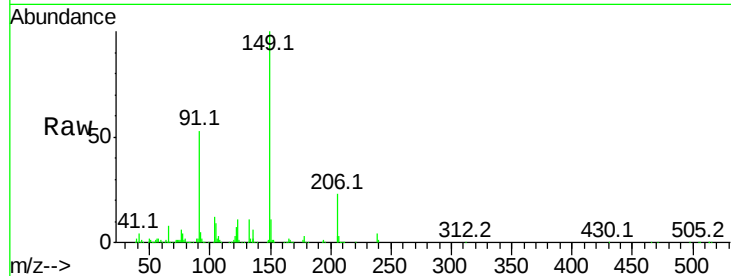
ClientSampleId :

PB89612BS

Tot Ion:	149	Resp:	390329
Ion Ratio	Lower	Upper	
149	100		
91	53.0	45.8	68.8
206	22.9	17.8	26.8

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#80

Benzo(a)anthracene

Concen: 38.62 ng

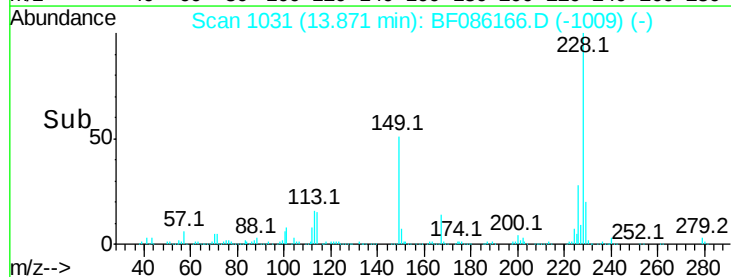
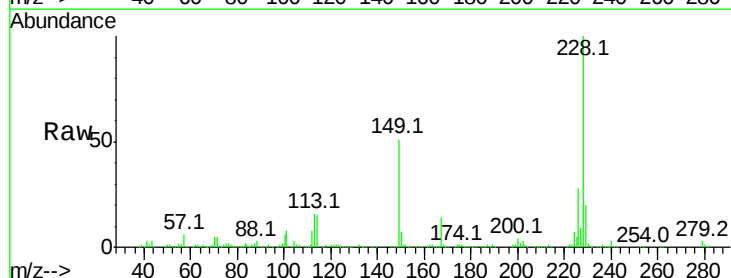
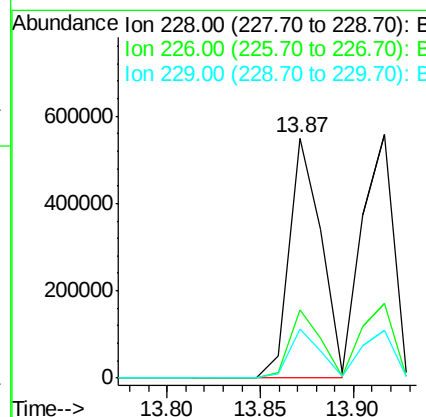
RT: 13.87 min Scan# 1031

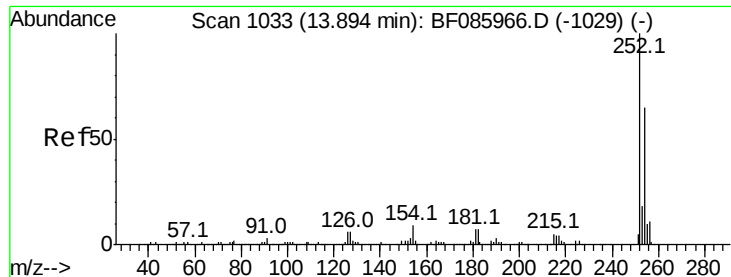
Delta R.T. -0.05 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	228	Resp:	654723
Ion Ratio	Lower	Upper	
228	100		
226	28.4	22.1	33.1
229	20.3	16.2	24.4





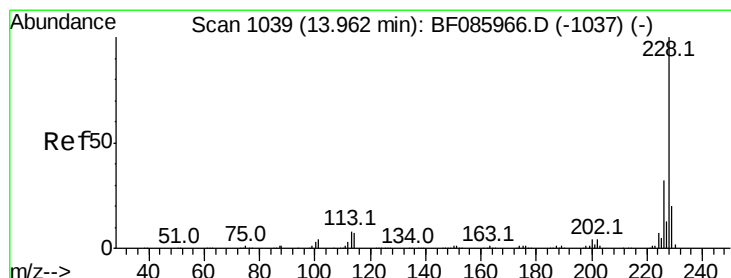
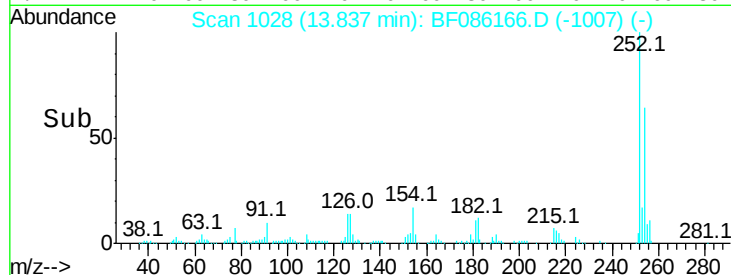
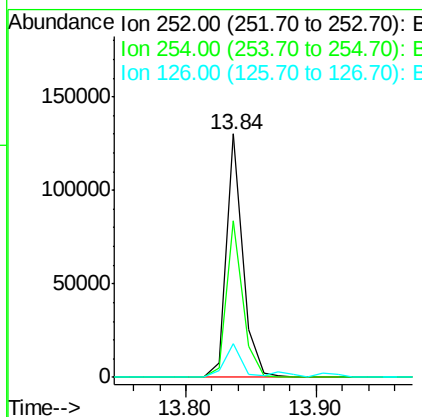
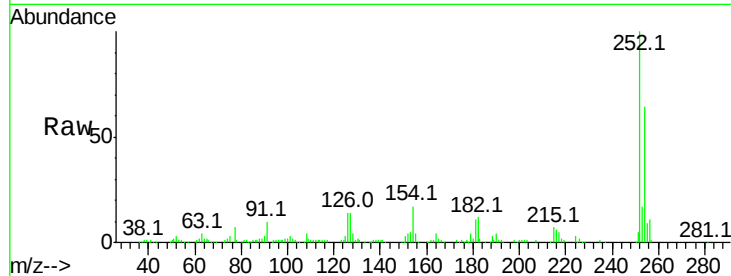
#81
 3,3'-Dichlorobenzidine
 Concen: 9.26 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	114616		
254	64.3	50.7	76.1	
126	13.9	11.8	17.6	

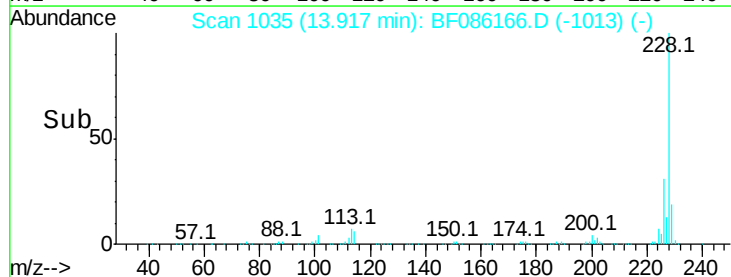
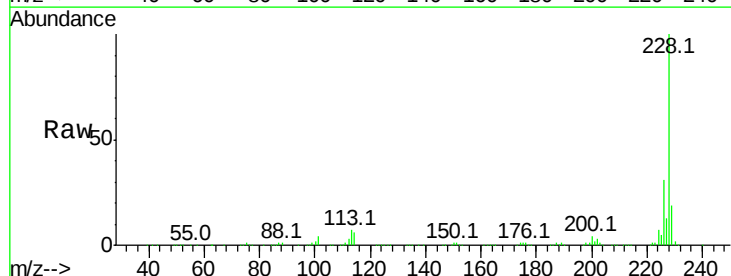
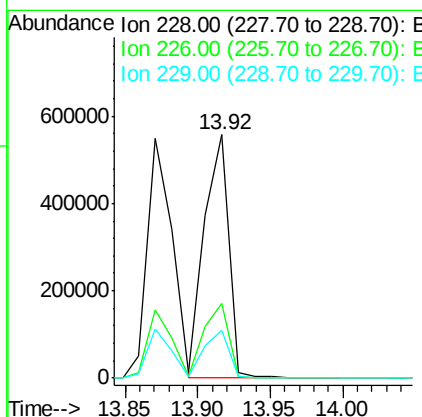
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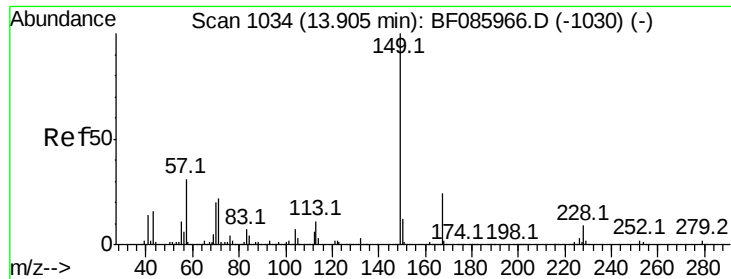
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#82
 Chrysene
 Concen: 39.83 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	650494		
226	30.8	25.0	37.6	
229	19.5	15.7	23.5	





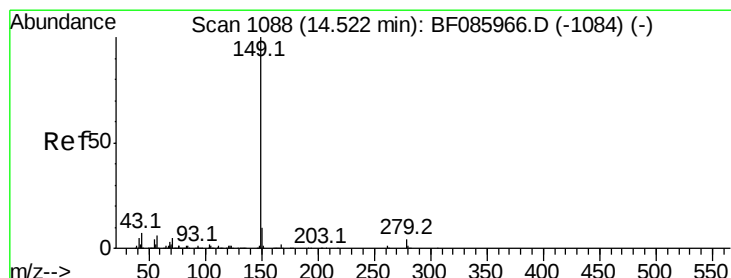
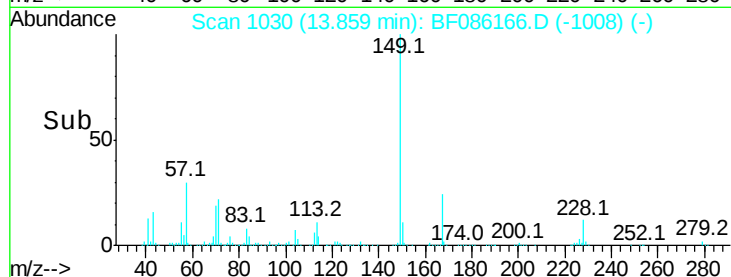
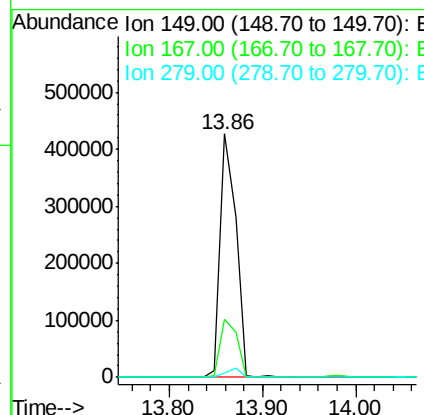
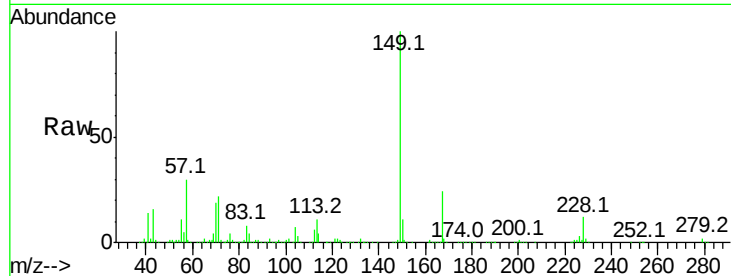
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.39 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	501368		
167	24.0		19.4	29.2
279	1.9		1.5	2.3

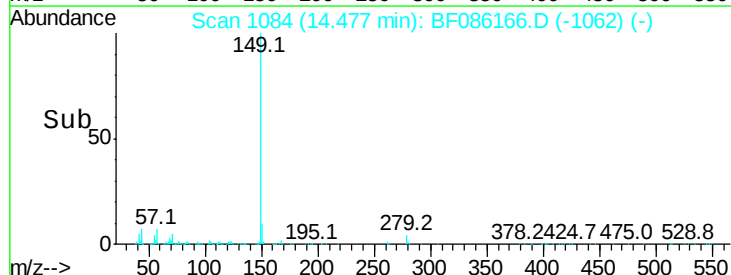
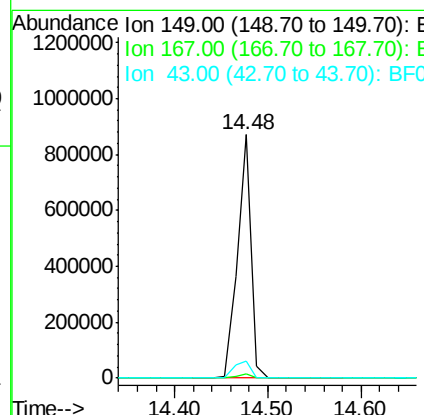
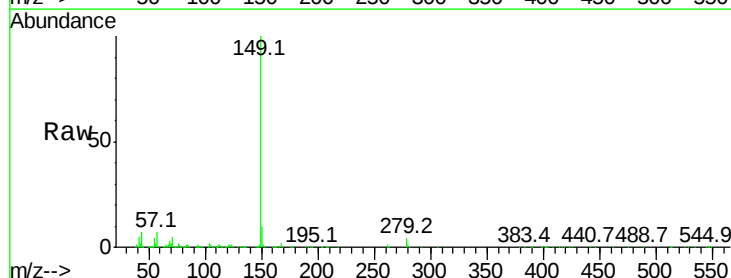
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#84
 Di-n-octyl phthalate
 Concen: 45.69 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	883747		
167	1.8		1.2	1.8
43	8.7		7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.17 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.08 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

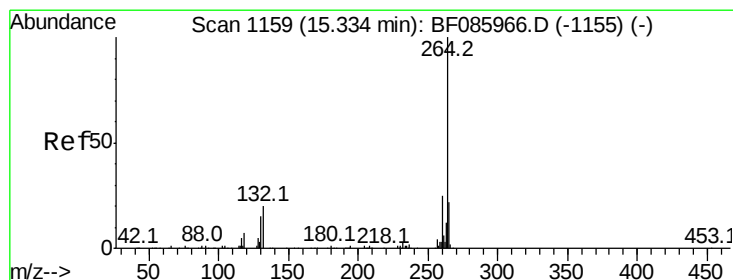
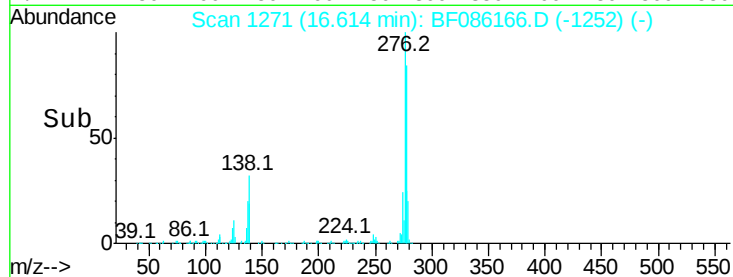
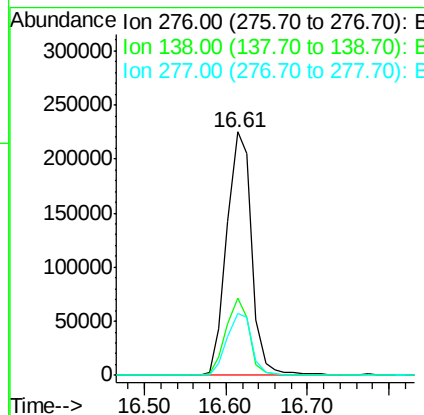
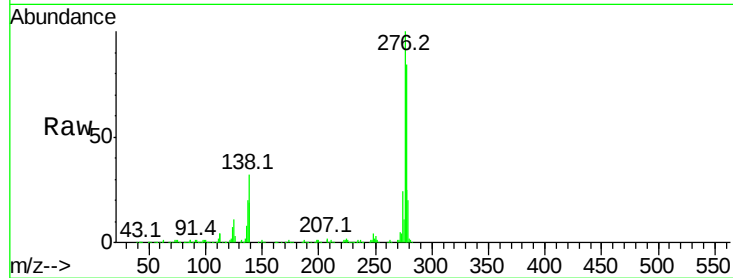
ClientSampleId :

PB89612BS

Tot Ion:	276	Resp:	479197
Ion Ratio		Lower	Upper
276	100		
138	30.0	24.2	36.4
277	25.6	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

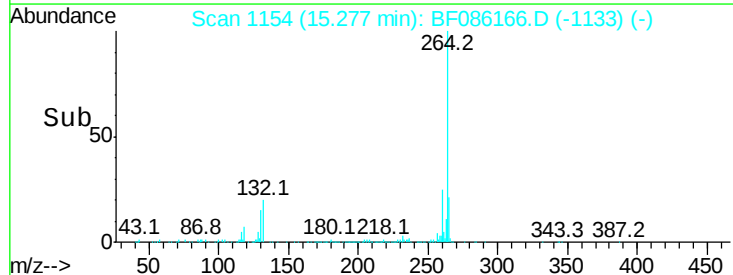
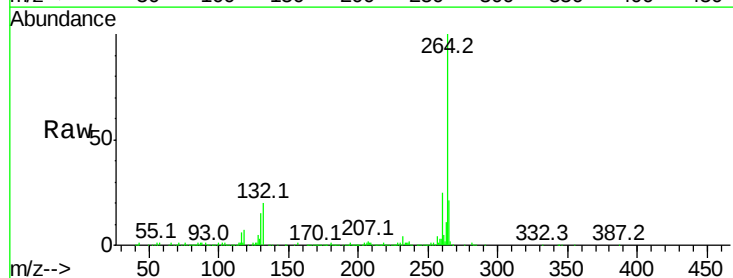
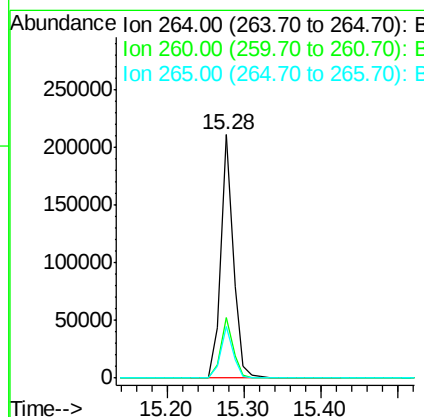
RT: 15.28 min Scan# 1154

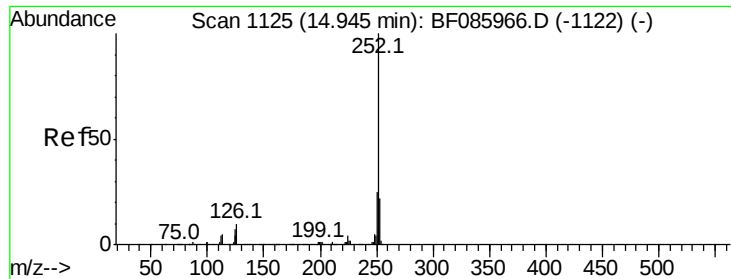
Delta R.T. -0.06 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	264	Resp:	241001
Ion Ratio		Lower	Upper
264	100		
260	24.7	19.4	29.2
265	21.3	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.29 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Instrument :

BNA_F

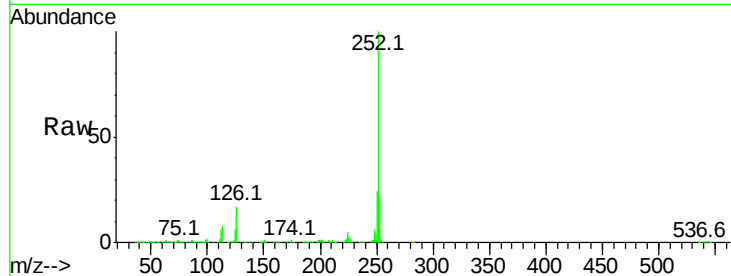
ClientSampleId :

PB89612BS

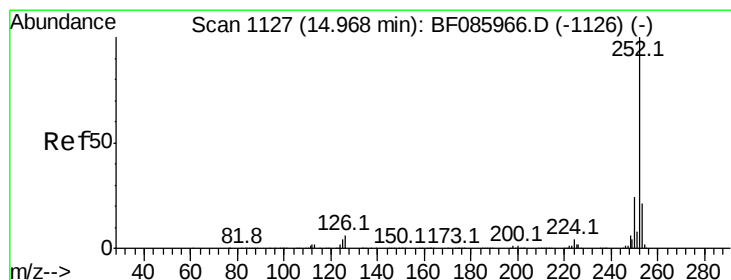
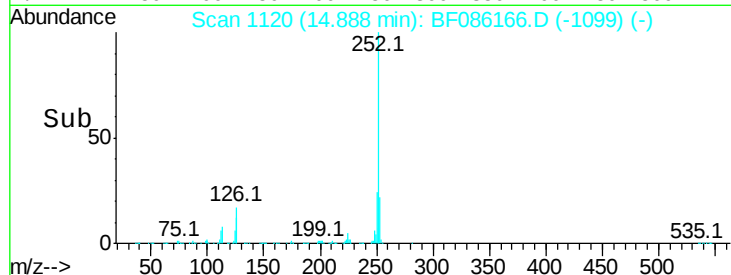
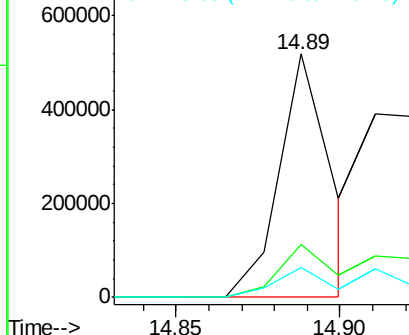
Tot Ion:	252	Resp:	565289
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.6	26.4
125	12.4	10.3	15.5

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



#88

Benzo(k)fluoranthene

Concen: 41.59 ng m

RT: 14.91 min Scan# 1122

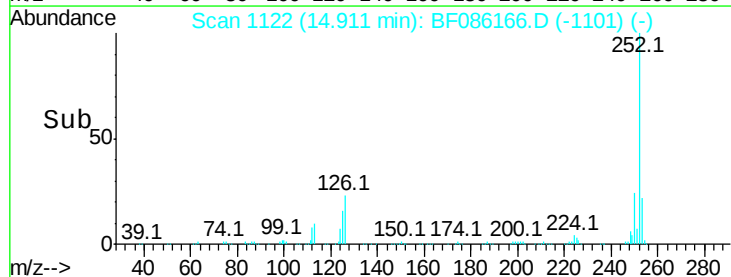
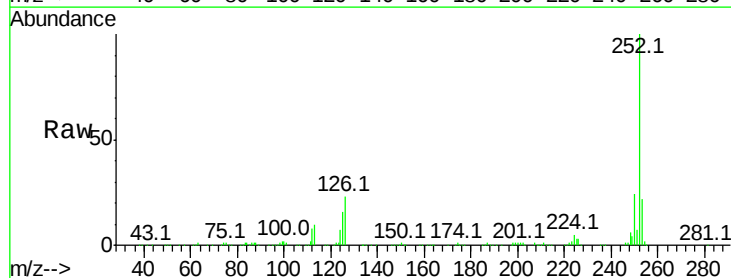
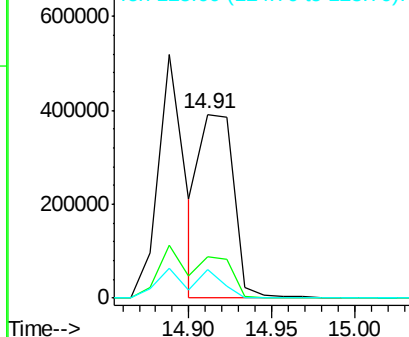
Delta R.T. -0.06 min

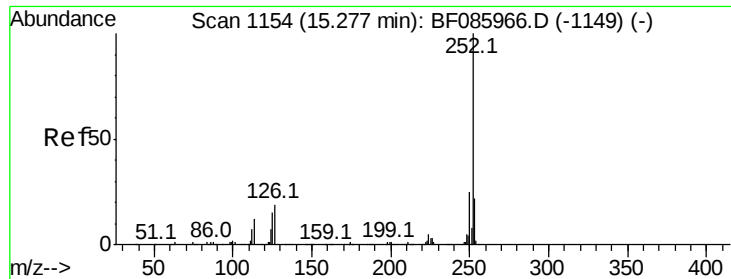
Lab File: BF086166.D

Acq: 8 Apr 2016 14:14

Tgt Ion:	252	Resp:	558373
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	15.8	7.7	11.5#

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





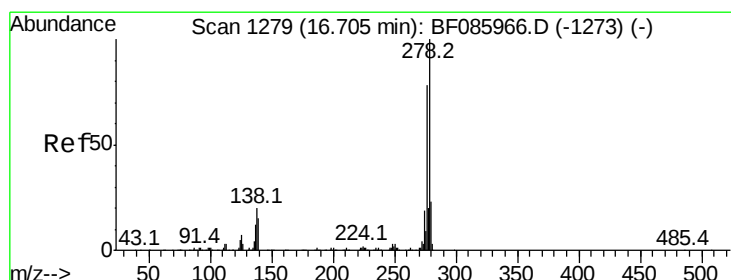
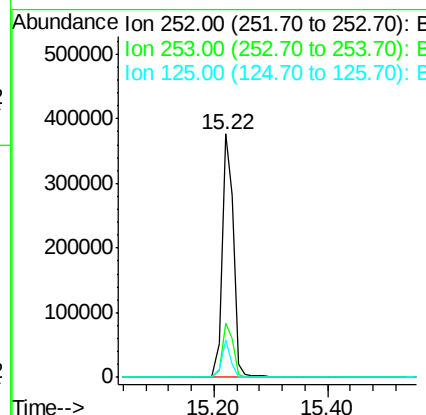
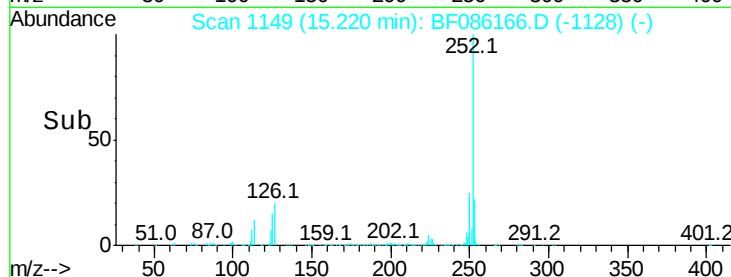
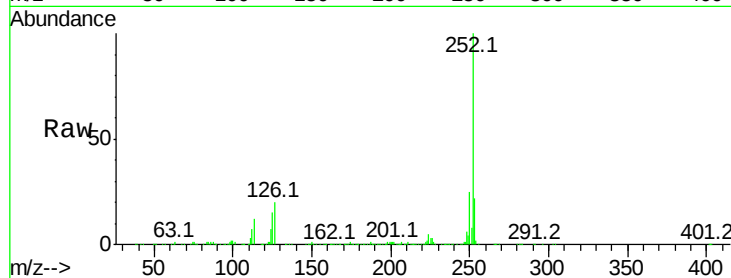
#89
Benzo(a)pyrene
Concen: 38.37 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.4	26.0
125	15.3	10.3	15.5

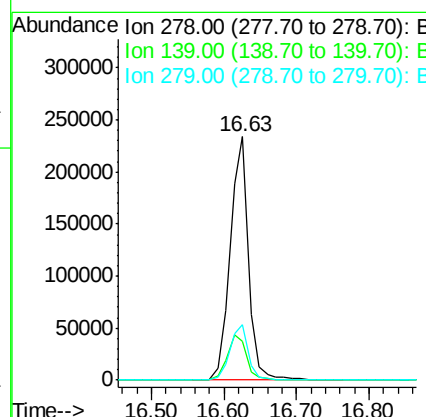
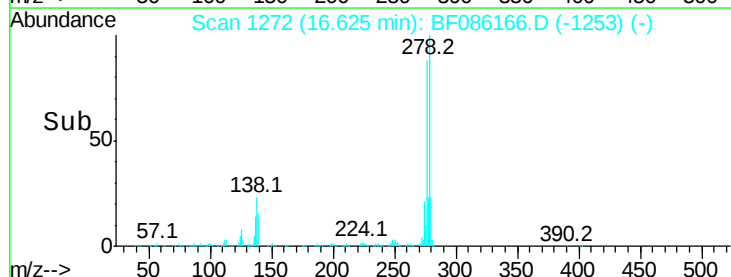
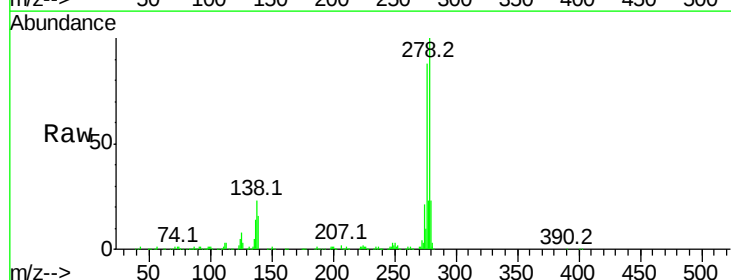
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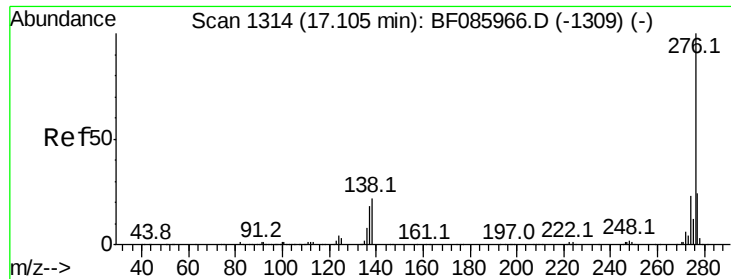
Sohil
4/11/2016 5:45:11 PM



#90
Dibenzo(a,h)anthracene
Concen: 37.83 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086166.D
Acq: 8 Apr 2016 14:14

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.0	14.4	21.6
279	23.0	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 37.62 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086166.D
 Acq: 8 Apr 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion:	276	Resp:	393510
Ion Ratio	Lower	Upper	
276	100		
277	23.6	18.8	28.2
138	26.1	22.6	34.0

Manual Integrations
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