

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
 Data File : BF086135.D
 Acq On : 7 Apr 2016 16:43
 Operator : UM/SJ
 Sample : PB89612BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Manual Integrations
 APPROVED

Sohil
 4/8/2016 6:09:25 PM

Quant Time: Apr 08 02:30:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	159977	20.00	ng	-0.03
21) Naphthalene-d8	8.02	136	640151	20.00	ng	-0.05
38) Acenaphthene-d10	9.78	164	325440	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	606059	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	438223	20.00	ng	-0.03
86) Perylene-d12	15.29	264	350188	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	699141	74.70	ng	-0.02
7) Phenol-d6	6.38	99	817135	68.74	ng	-0.03
23) Nitrobenzene-d5	7.31	82	548478	50.53	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	207026	67.78	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	983094	50.23	ng	-0.03
78) Terphenyl-d14	12.84	244	937005	50.26	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	110841	24.98	ng	99
3) Pyridine	3.02	79	257856	25.96	ng	99
4) n-Nitrosodimethylamine	2.98	42	123850	28.35	ng	99
6) Aniline	6.41	93	232938	14.93	ng	# 61
8) 2-Chlorophenol	6.52	128	312842	28.03	ng	96
9) Benzaldehyde	6.28	77	97898	15.30	ng	95
10) Phenol	6.40	94	337993	24.92	ng	77
11) bis(2-Chloroethyl)ether	6.48	93	277439	25.84	ng	98
12) 1,3-Dichlorobenzene	6.67	146	311088m	26.30	ng	
13) 1,4-Dichlorobenzene	6.75	146	320761	26.32	ng	99
14) 1,2-Dichlorobenzene	6.91	146	284546	25.37	ng	97
15) Benzyl Alcohol	6.89	79	221427	28.79	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	338592	25.81	ng	85
17) 2-Methylphenol	7.01	107	252599	28.70	ng	96
18) Hexachloroethane	7.24	117	115734	25.82	ng	# 85
19) n-Nitroso-di-n-propylamine	7.16	70	212125	28.79	ng	99
20) 3+4-Methylphenols	7.17	107	325828	30.44	ng	# 59
22) Acetophenone	7.15	105	397845	26.44	ng	# 92
24) Nitrobenzene	7.32	77	297405	25.04	ng	98
25) Isophorone	7.56	82	577120	26.93	ng	100
26) 2-Nitrophenol	7.64	139	155429	27.36	ng	# 86
27) 2,4-Dimethylphenol	7.69	122	261136	25.59	ng	99
28) bis(2-Chloroethoxy)methane	7.78	93	352579	28.04	ng	99
29) 2,4-Dichlorophenol	7.89	162	254393	29.49	ng	99
30) 1,2,4-Trichlorobenzene	7.96	180	256863	26.52	ng	99
31) Naphthalene	8.04	128	822526	25.54	ng	99
32) Benzoic acid	7.84	122	178178	23.80	ng	99
33) 4-Chloroaniline	8.11	127	102327	7.87	ng	99
34) Hexachlorobutadiene	8.16	225	129053	24.79	ng	98
35) Caprolactam	8.48	113	84642m	30.93	ng	
36) 4-Chloro-3-methylphenol	8.60	107	291395	30.05	ng	99
37) 2-Methylnaphthalene	8.74	142	595076	28.29	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	237424	24.27	ng	99
40) Hexachlorocyclopentadiene	8.89	237	148755	50.24	ng	98

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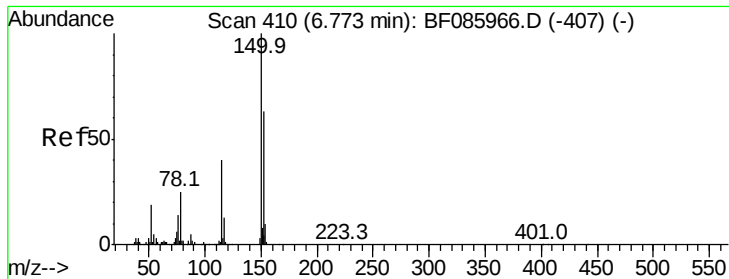
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	171205	27.26	nq	99
43) 2,4,5-Trichlorophenol	9.07	196	175881	27.58	nq	# 92
45) 1,1'-Biphenyl	9.20	154	653322	23.28	nq	99
46) 2-Chloronaphthalene	9.23	162	514444	25.29	nq	98
47) 2-Nitroaniline	9.33	65	173576	29.16	nq	91
48) Acenaphthylene	9.64	152	861390	26.44	nq	99
49) Dimethylphthalate	9.50	163	612836	25.41	nq	100
50) 2,6-Dinitrotoluene	9.57	165	133214	26.10	nq	94
51) Acenaphthene	9.81	154	516583	26.66	nq	98
52) 3-Nitroaniline	9.74	138	83270	13.54	nq	90
53) 2,4-Dinitrophenol	9.86	184	151548	52.90	nq	89
54) Dibenzofuran	9.98	168	725789	28.36	nq	99
55) 4-Nitrophenol	9.93	139	180259	49.71	nq	96
56) 2,4-Dinitrotoluene	9.98	165	178676	27.71	nq	# 70
57) Fluorene	10.33	166	589359	26.96	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	135158	28.47	nq	96
59) Diethylphthalate	10.20	149	596233	24.49	nq	97
60) 4-Chlorophenyl-phenylether	10.32	204	274264	26.93	nq	94
61) 4-Nitroaniline	10.36	138	161629	26.68	nq	95
62) Azobenzene	10.48	77	673777	28.89	nq	100
64) 4,6-Dinitro-2-methylphenol	10.40	198	96850	26.37	nq	# 62
65) n-Nitrosodiphenylamine	10.44	169	536184	28.29	nq	100
66) 4-Bromophenyl-phenylether	10.81	248	172324	27.85	nq	92
67) Hexachlorobenzene	10.88	284	180092	28.15	nq	97
68) Atrazine	10.97	200	142066	23.20	nq	95
69) Pentachlorophenol	11.07	266	151984	50.68	nq	99
70) Phenanthrene	11.29	178	903633	27.33	nq	99
71) Anthracene	11.33	178	834434	24.09	nq	100
72) Carbazole	11.49	167	724384	24.33	nq	99
73) Di-n-butylphthalate	11.82	149	1007426	27.31	nq	100
74) Fluoranthene	12.47	202	840707	24.45	nq	99
76) Benzidine	12.59	184	232895	15.06	nq	99
77) Pyrene	12.69	202	833516	26.99	nq	99
79) Butylbenzylphthalate	13.32	149	415960	29.91	nq	97
80) Benzo(a)anthracene	13.88	228	704794	27.28	nq	100
81) 3,3'-Dichlorobenzidine	13.85	252	112093	5.94	nq	100
82) Chrysene	13.93	228	697409	28.03	nq	100
83) Bis(2-ethylhexyl)phthalate	13.87	149	531001	28.77	nq	100
84) Di-n-octyl phthalate	14.49	149	896312	30.41	nq	99
85) Indeno(1,2,3-cd)pyrene	16.64	276	508466	25.19	nq	100
87) Benzo(b)fluoranthene	14.90	252	564260m	25.61	nq	
88) Benzo(k)fluoranthene	14.93	252	597674m	30.64	nq	
89) Benzo(a)pyrene	15.24	252	541667	27.75	nq	# 97
90) Dibenzo(a,h)anthracene	16.65	278	428396	27.28	nq	98
91) Benzo(g,h,i)perylene	17.04	276	418254	27.52	nq	98

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



#1

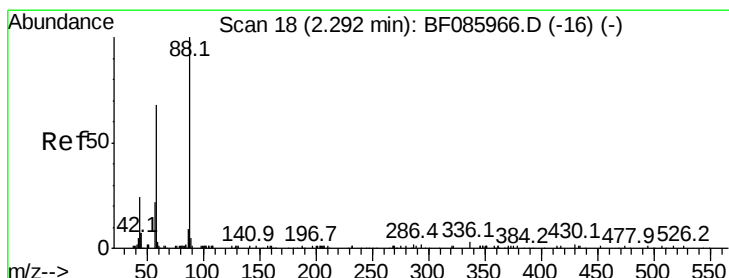
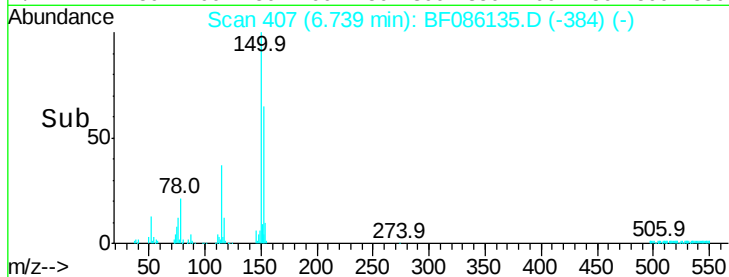
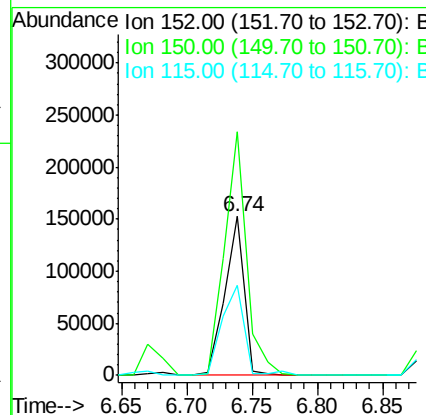
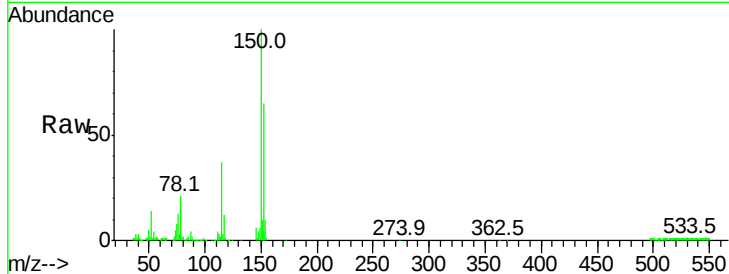
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 407
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	124.2	186.2
115	56.5	47.0	70.6

Manual Integrations
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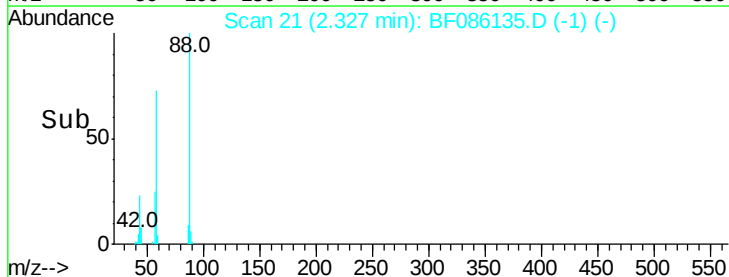
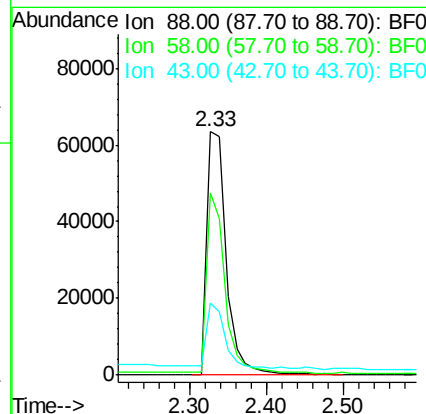
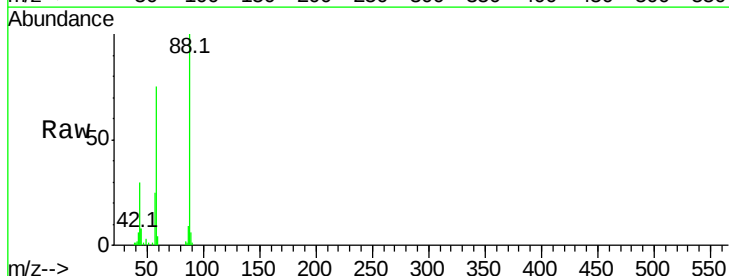
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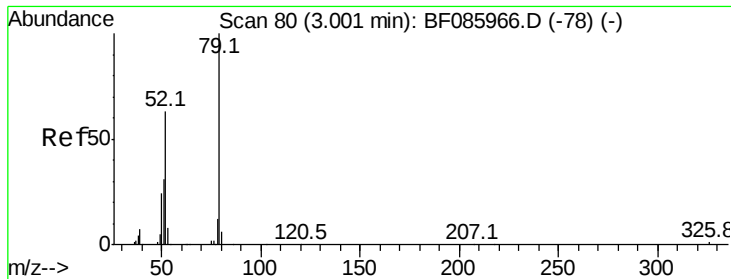


#2

1,4-Dioxane
Concen: 24.98 ng
RT: 2.33 min Scan# 21
Delta R.T. 0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.4	54.2	81.2
43	25.2	19.3	28.9





#3

Pvridine

Concen: 25.96 ng

RT: 3.02 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

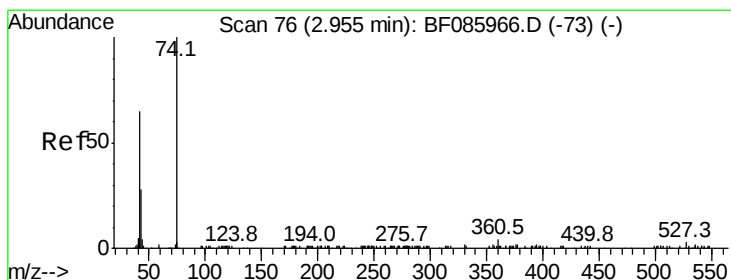
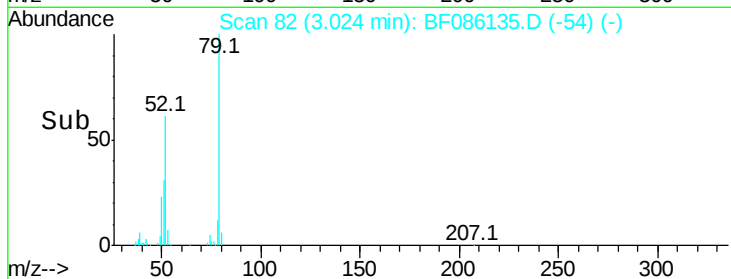
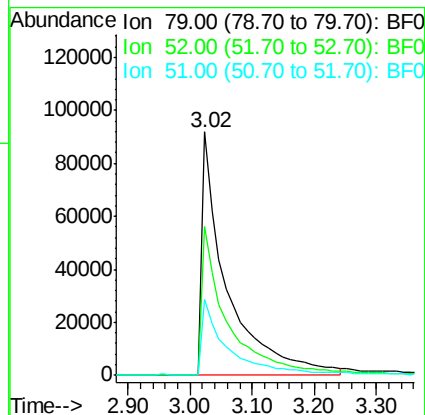
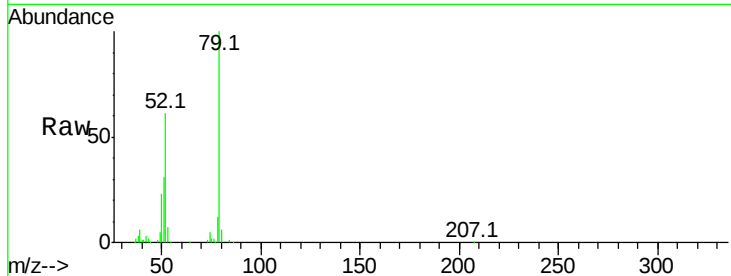
ClientSampleId :

PB89612BS

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Tot Ion	79	Resp	257856
Ion Ratio	Lower	Upper	
79	100		
52	61.2	49.8	74.6
51	31.3	24.7	37.1



#4

n-Nitrosodimethylamine

Concen: 28.35 ng

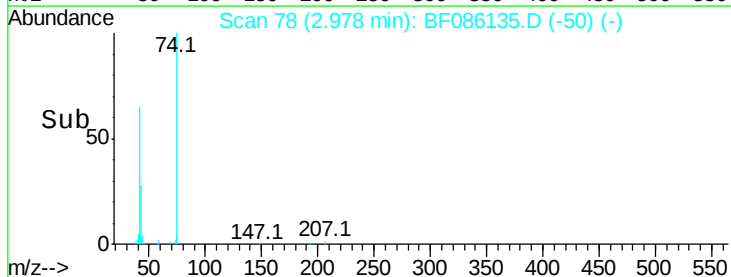
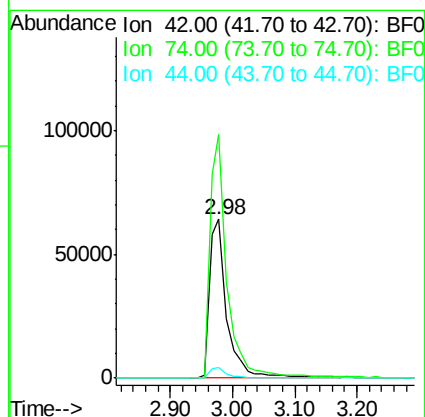
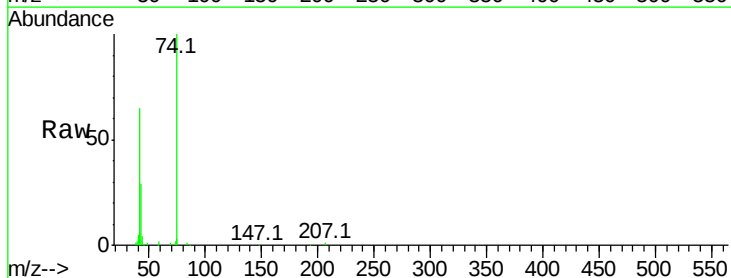
RT: 2.98 min Scan# 78

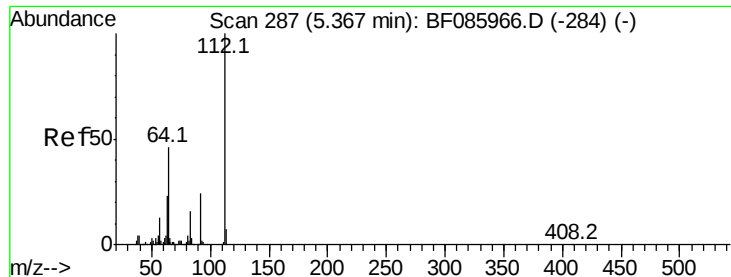
Delta R.T. 0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	42	Resp	123850
Ion Ratio	Lower	Upper	
42	100		
74	153.2	121.4	182.2
44	6.5	5.6	8.4





#5

2-Fluorophenol

Concen: 74.70 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

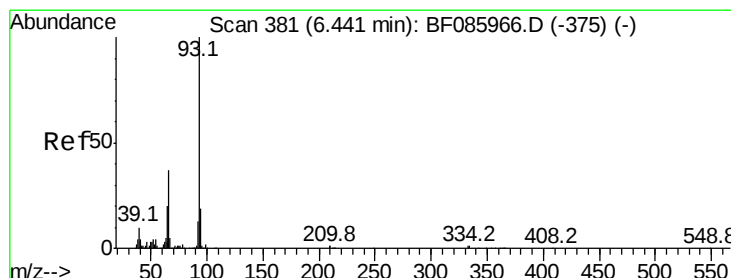
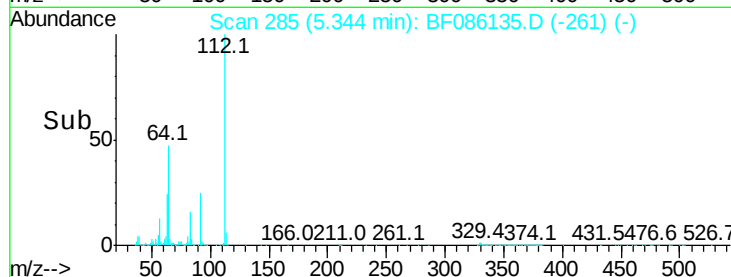
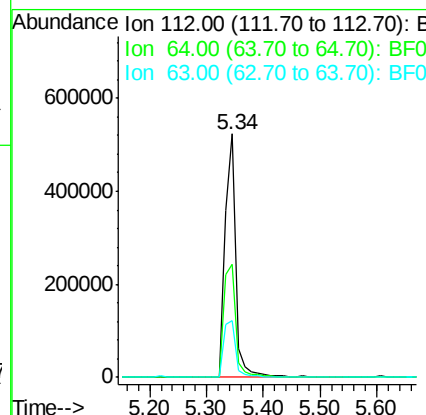
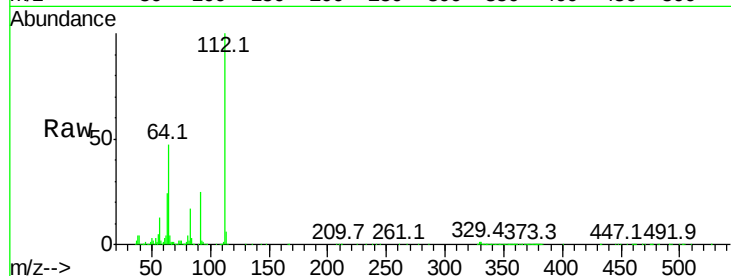
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Tot Ion	Ratio	Resp	Lower	Upper
112	100	699141		
64	46.6	39.9	59.9	
63	23.5	20.2	30.2	



#6

Aniline

Concen: 14.93 ng

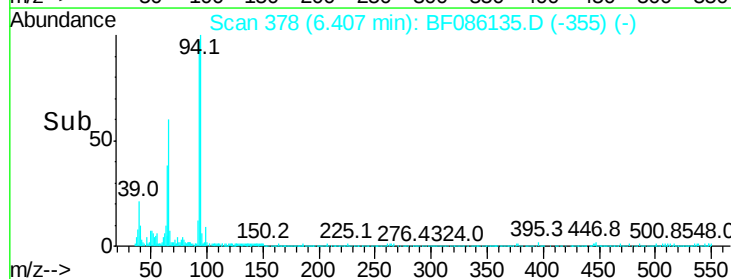
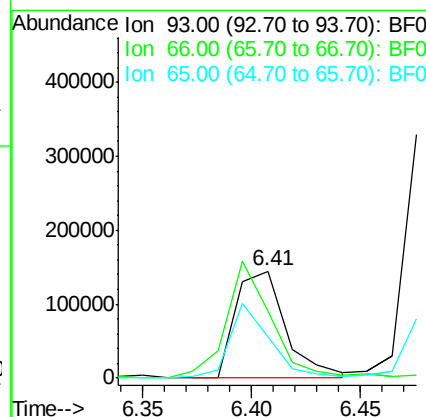
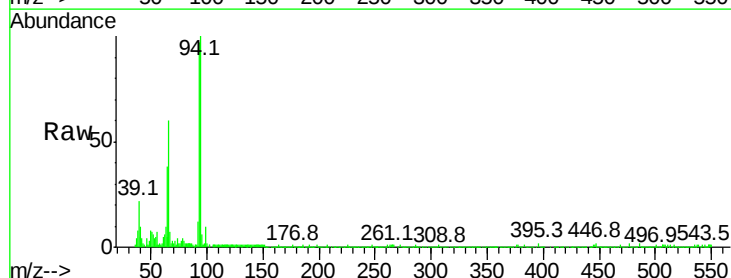
RT: 6.41 min Scan# 378

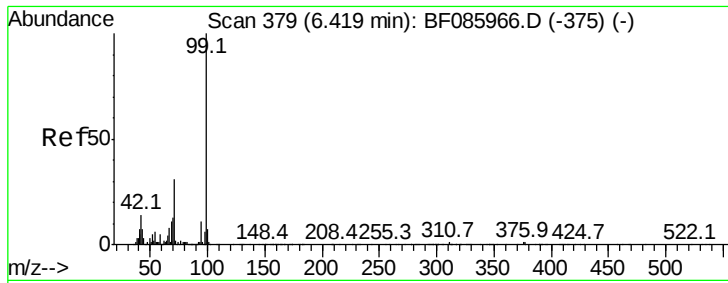
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	232938		
66	62.0	31.4	47.2#	
65	38.9	15.7	23.5#	





#7

Phenol-d6

Concen: 68.74 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

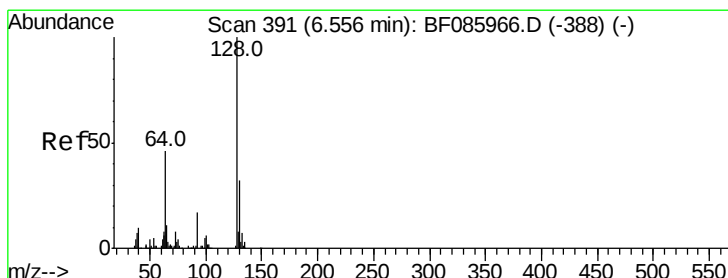
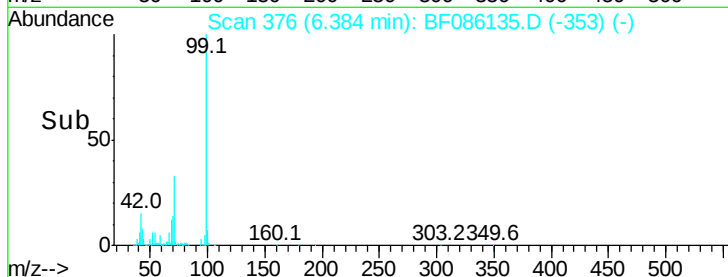
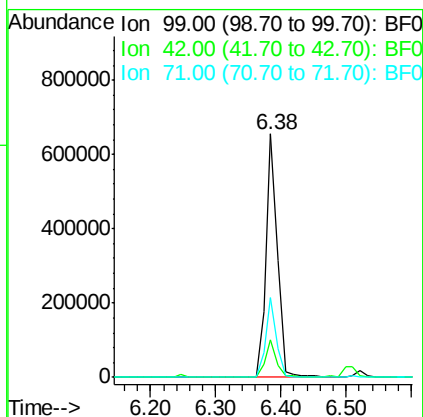
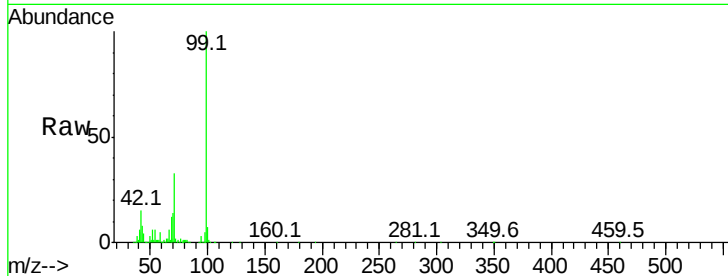
ClientSampleId :

PB89612BS

Tot Ion:	99	Resp:	817135
Ion Ratio	Lower	Upper	
99	100		
42	15.4	11.1	16.7
71	32.7	24.9	37.3

Manual Integrations
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#8

2-Chlorophenol

Concen: 28.03 ng

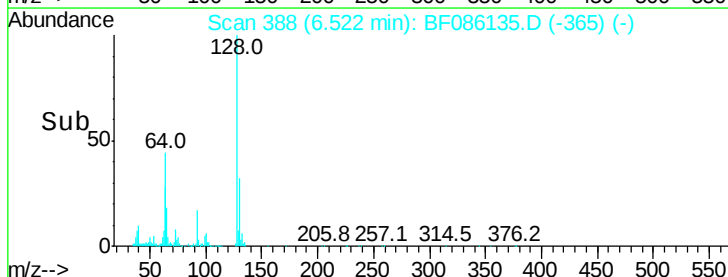
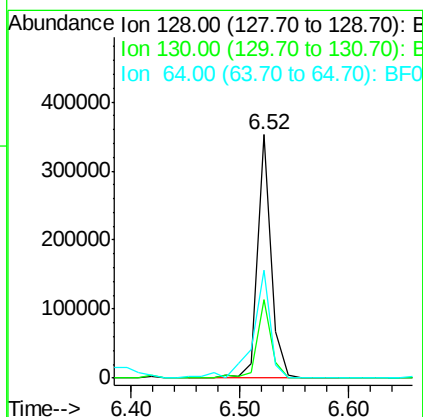
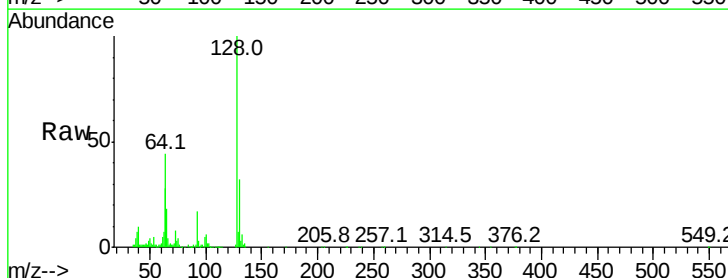
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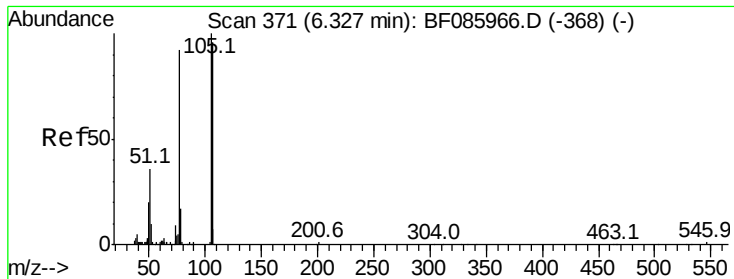
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	128	Resp:	312842
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	44.1	20.2	60.2





#9

Benzaldehyde

Concen: 15.30 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

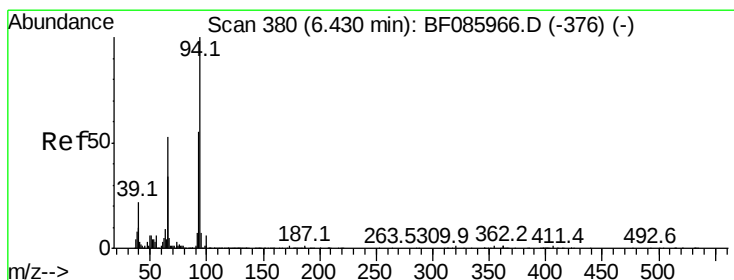
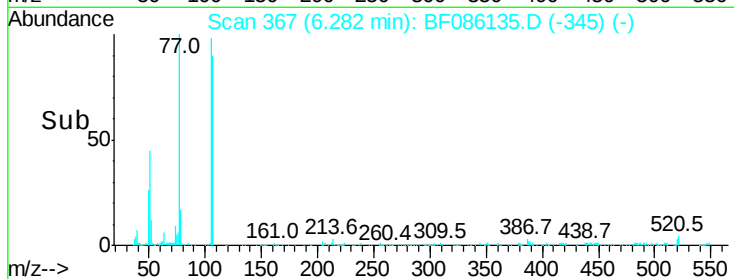
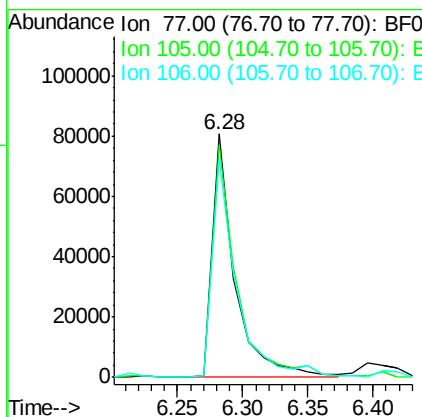
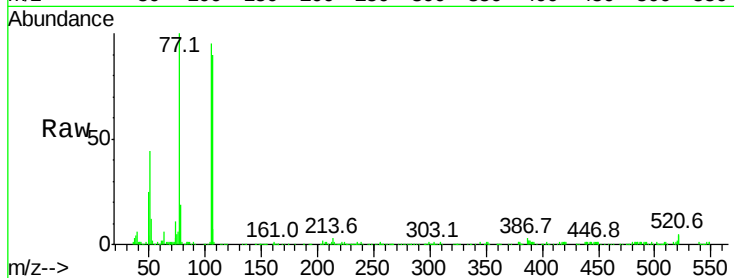
ClientSampleID :

PB89612BS

Manual Integrations
APPROVED

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Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	80.1	120.1
106	89.8	75.0	115.0



#10

Phenol

Concen: 24.92 ng

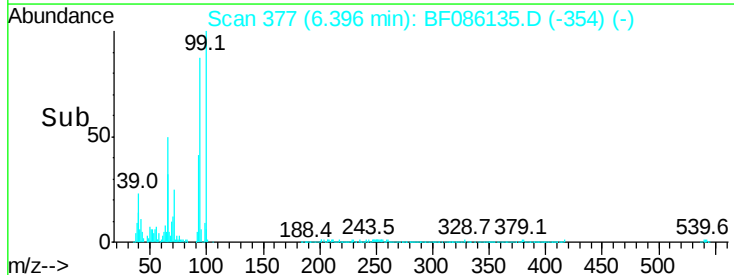
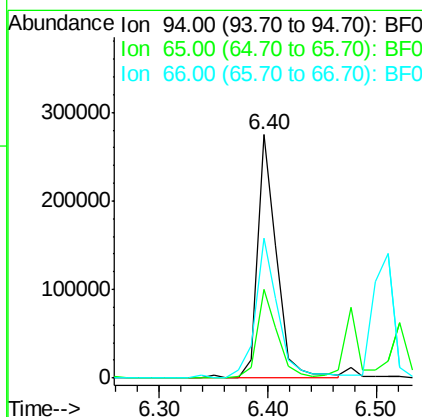
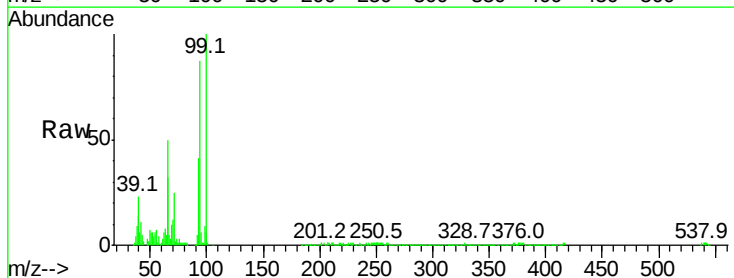
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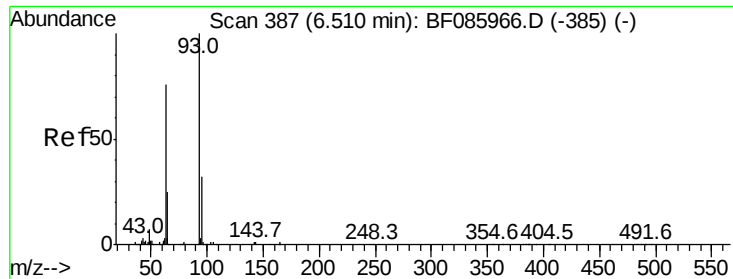
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.6	8.6	48.6
66	57.4	20.0	60.0





#11

bis(2-Chloroethyl)ether

Concen: 25.84 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

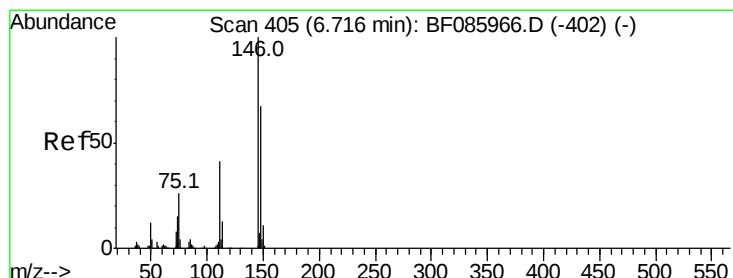
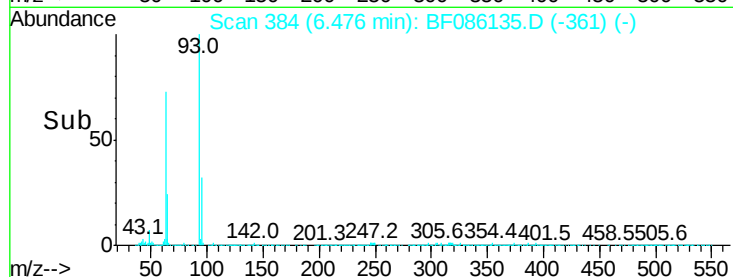
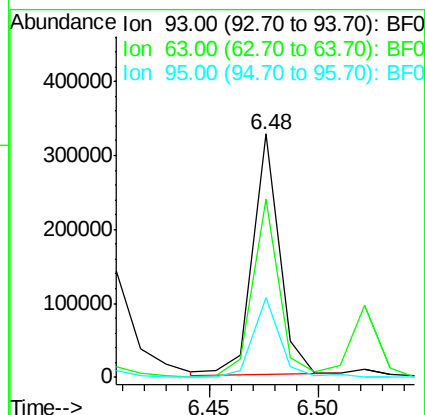
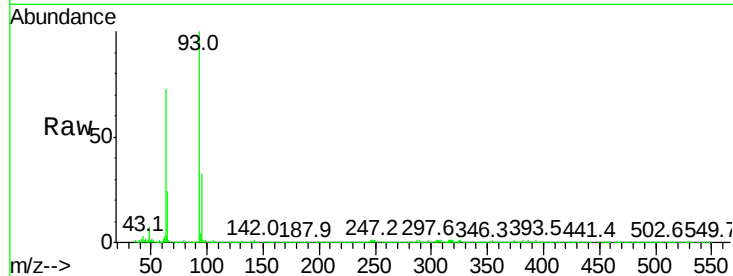
ClientSampleId :

PB89612BS

Tot Ion:	93	Resp:	277439
Ion Ratio	Lower	Upper	
93	100		
63	73.1	50.9	90.9
95	32.6	13.3	53.3

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 26.30 ng m

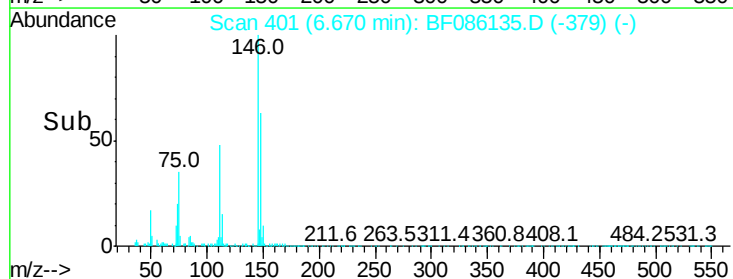
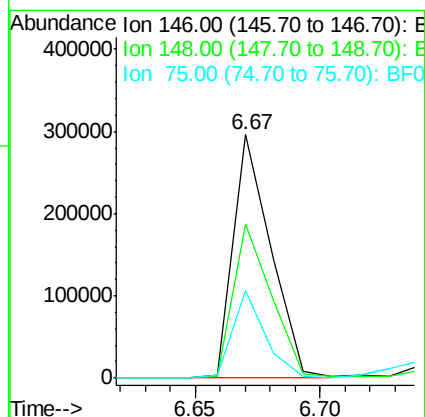
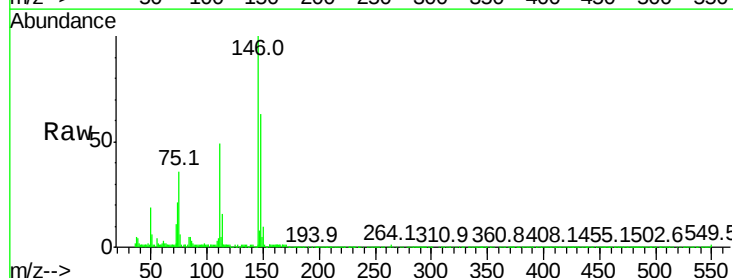
RT: 6.67 min Scan# 401

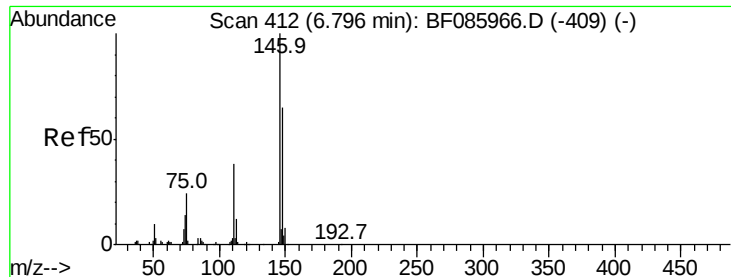
Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	146	Resp:	311088
Ion Ratio	Lower	Upper	
146	100		
148	63.1	52.3	78.5
75	35.7	17.4	26.2#





#13

1,4-Dichlorobenzene

Concen: 26.32 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

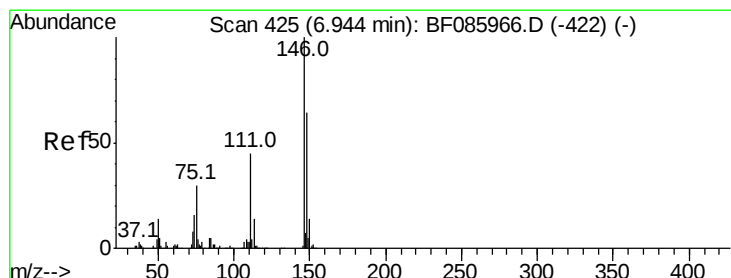
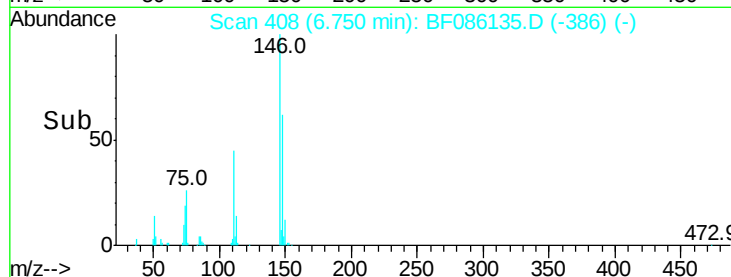
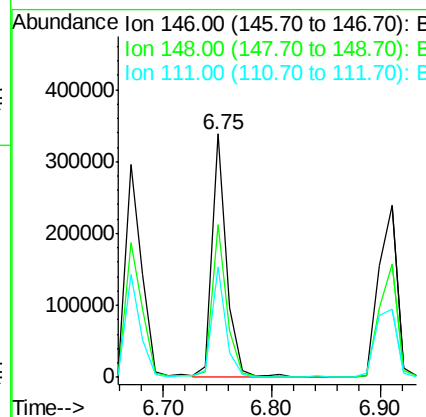
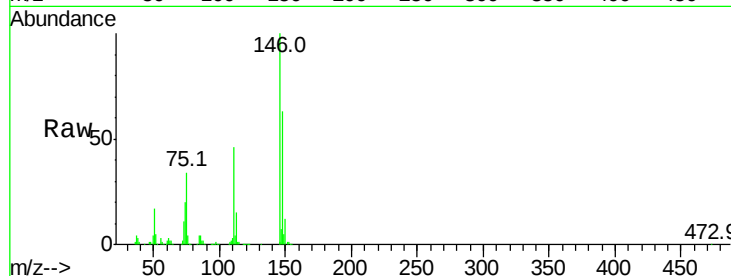
ClientSampleId :

PB89612BS

Tot Ion:	146	Resp:	320761
Ion Ratio	Lower	Upper	
146	100		
148	63.0	50.6	76.0
111	45.5	37.8	56.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 25.37 ng

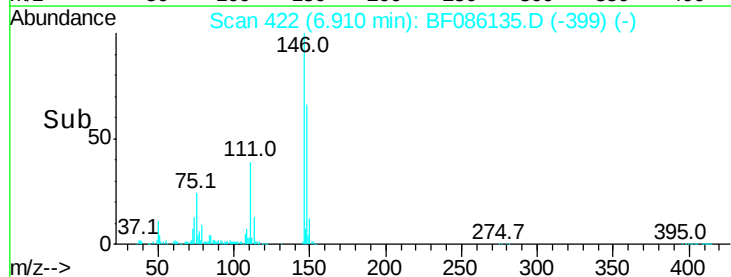
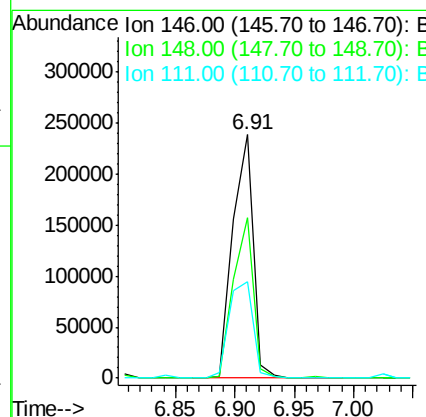
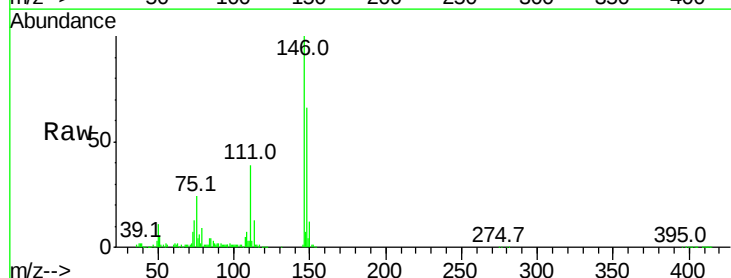
RT: 6.91 min Scan# 422

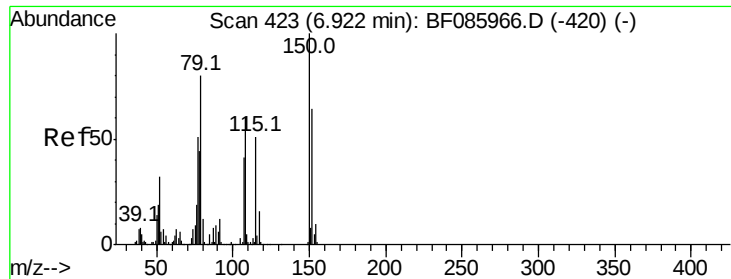
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	146	Resp:	284546
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.4	77.2
111	39.5	34.6	52.0





#15

Benzyl Alcohol

Concen: 28.79 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

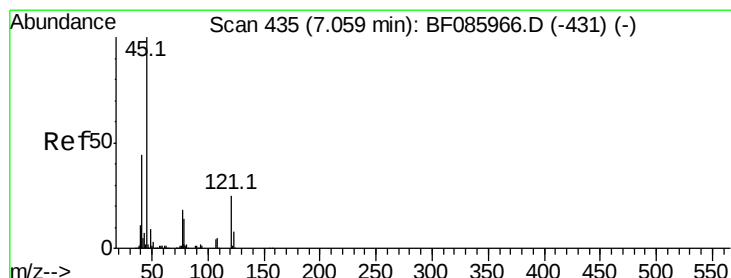
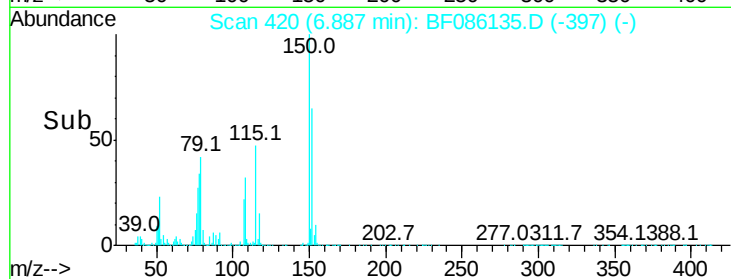
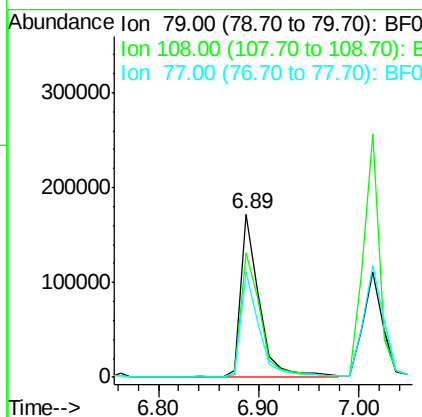
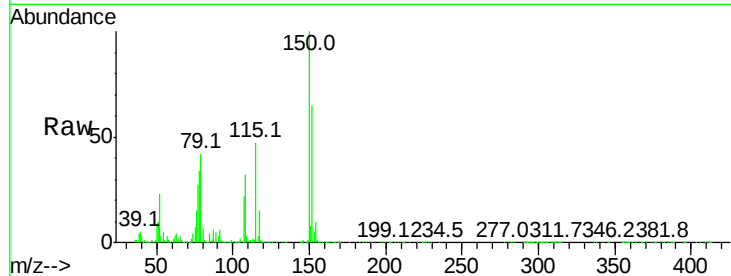
ClientSampleId :

PB89612BS

Tot Ion:	79	Resp:	221427
Ion Ratio	Lower	Upper	
79	100		
108	76.0	61.8	92.6
77	64.1	49.6	74.4

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 25.81 ng

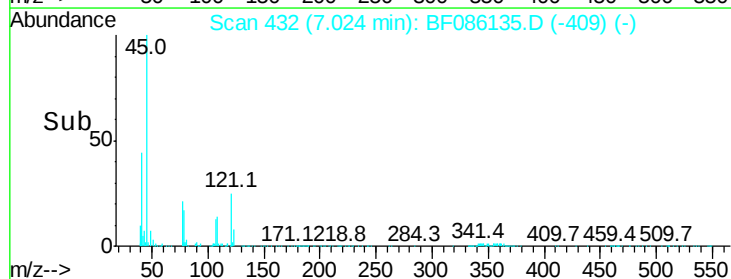
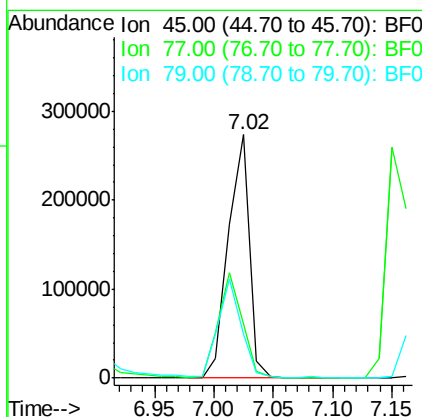
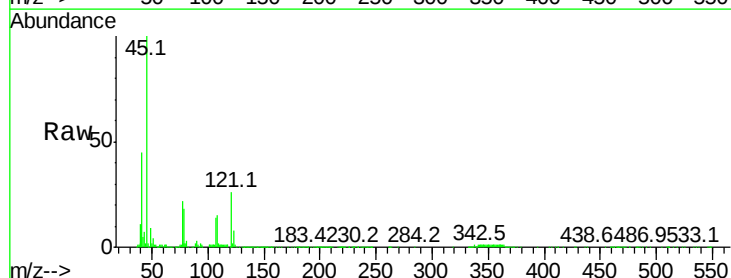
RT: 7.02 min Scan# 432

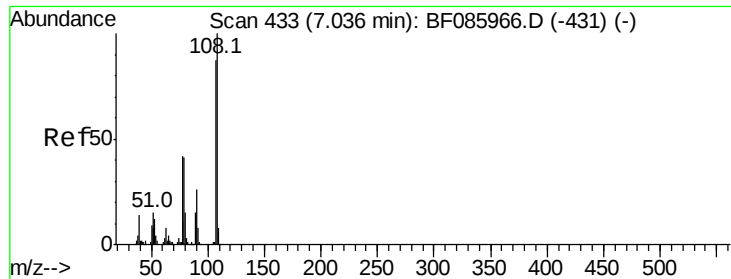
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	45	Resp:	338592
Ion Ratio	Lower	Upper	
45	100		
77	22.0	0.0	35.7
79	17.9	0.0	32.2





#17

2-Methylphenol

Concen: 28.70 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

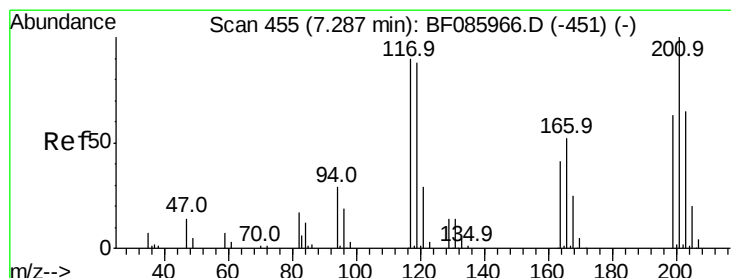
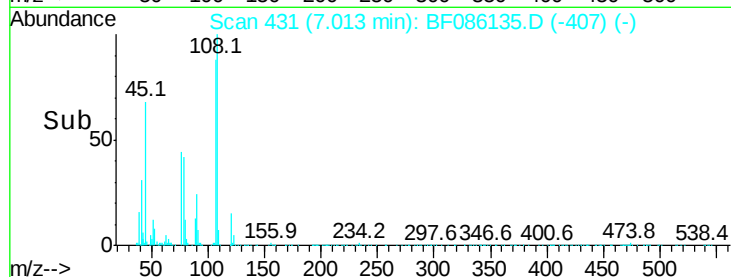
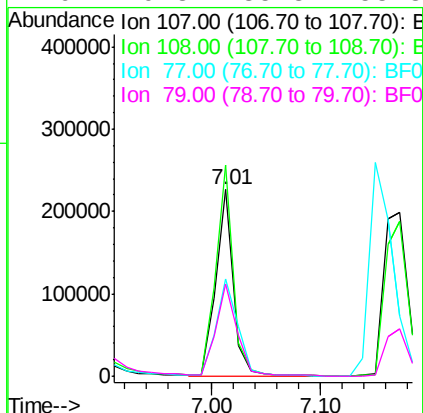
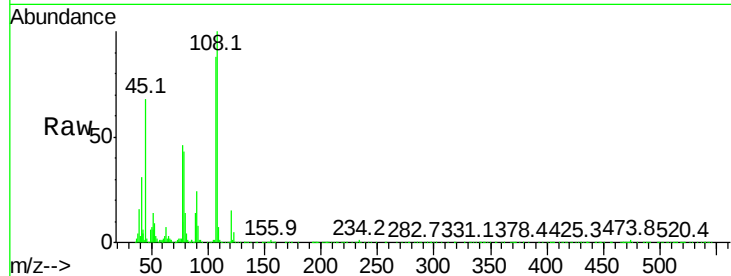
ClientSampleId :

PB89612BS

Manual Integrations
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Tot Ion:	107	Resp:	252599
Ion Ratio	Lower	Upper	
107	100		
108	113.4	91.4	137.0
77	52.1	36.2	54.2
79	49.3	35.8	53.8



#18

Hexachloroethane

Concen: 25.82 ng

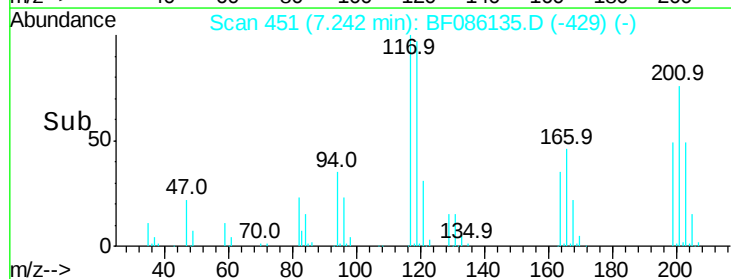
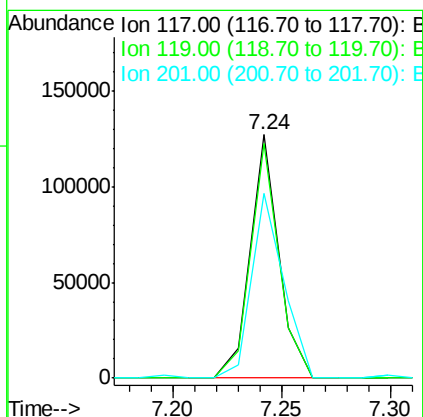
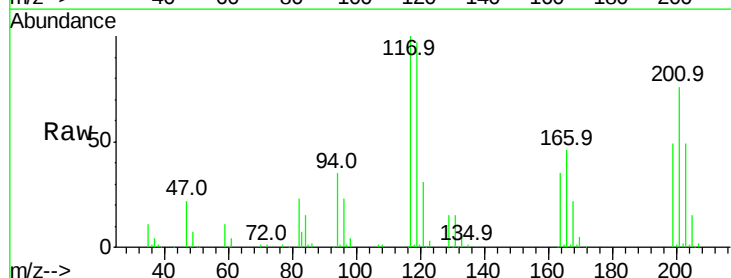
RT: 7.24 min Scan# 451

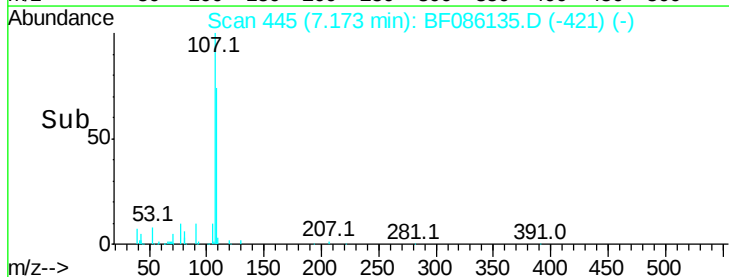
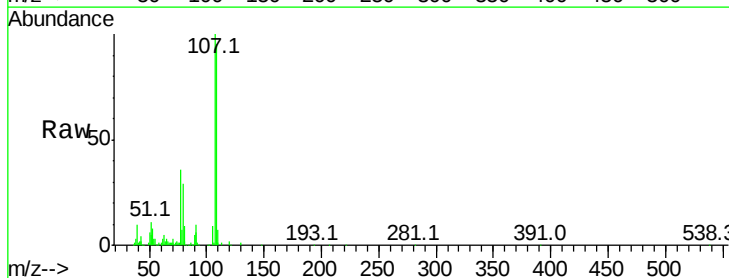
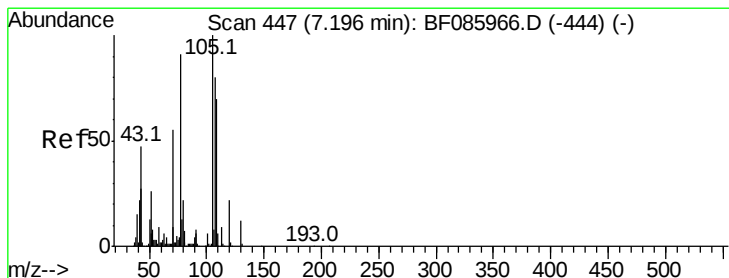
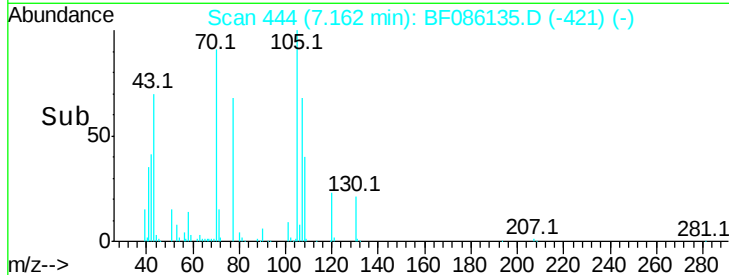
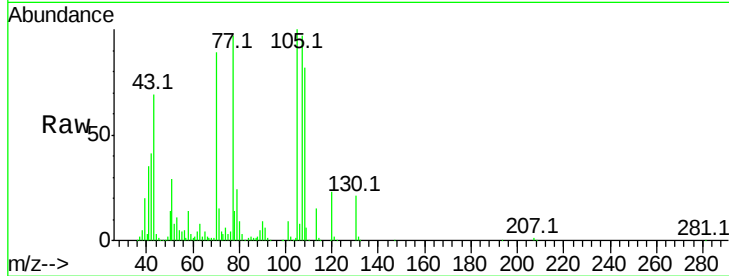
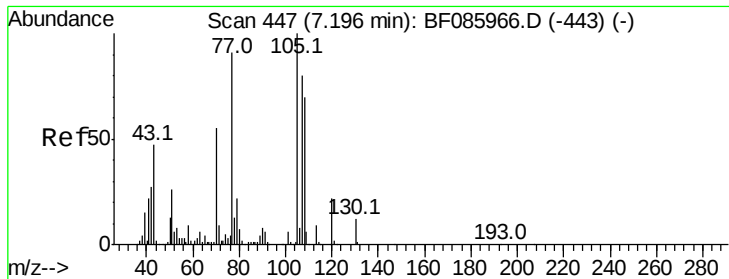
Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	117	Resp:	115734
Ion Ratio	Lower	Upper	
117	100		
119	96.6	76.7	115.1
201	76.1	83.3	124.9#





#19

n-Nitroso-di-n-propylamine

Concen: 28.79 ng

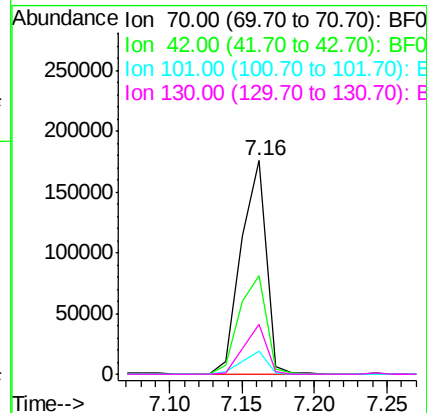
RT: 7.16 min Scan# 444

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.1	55.7
101	10.6	8.6	12.8
130	23.5	19.6	29.4



Instrument :

BNA_F

ClientSampleId :

PB89612BS

Manual Integrations
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#20

3+4-Methylphenols

Concen: 30.44 ng

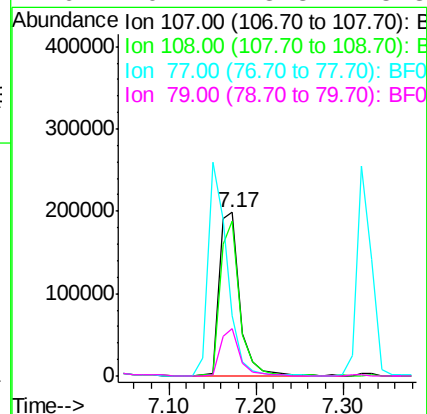
RT: 7.17 min Scan# 445

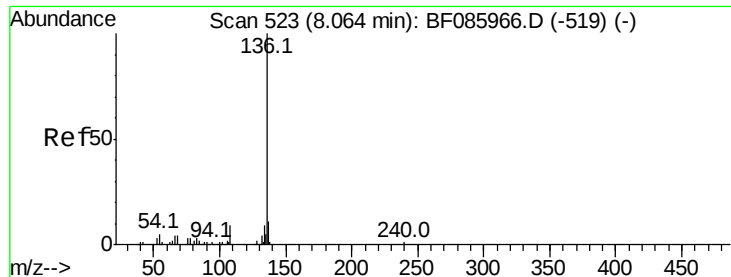
Delta R.T. -0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.8	69.3	109.3
77	36.5	101.7	141.7#
79	29.2	8.3	48.3





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

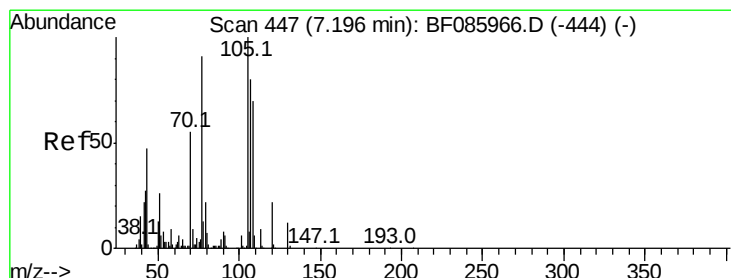
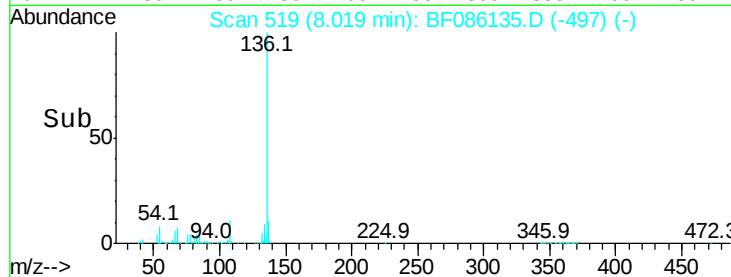
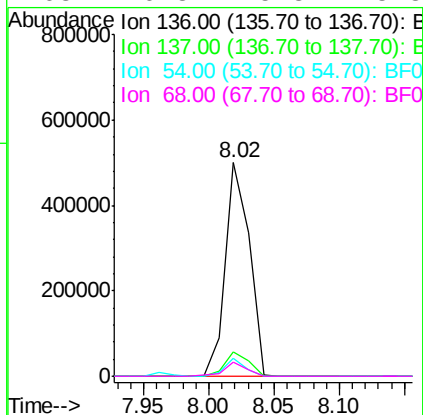
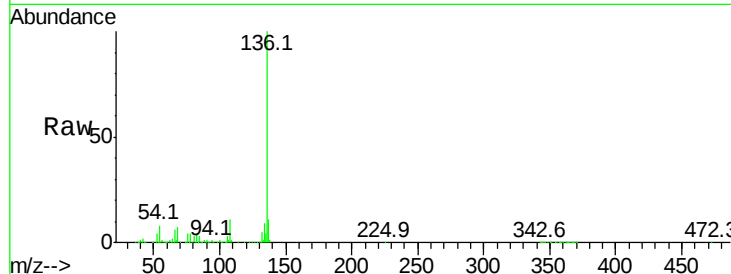
ClientSampleId :

PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	640151		
137	11.4	9.1	13.7	
54	8.3	7.4	11.0	
68	6.8	5.8	8.8	

Manual Integrations
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#22

Acetophenone

Concen: 26.44 ng

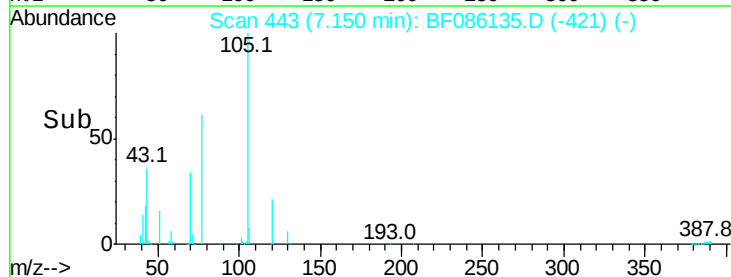
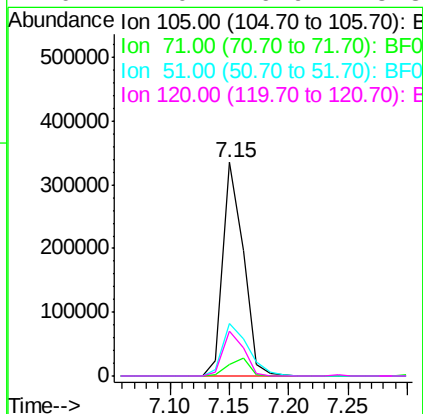
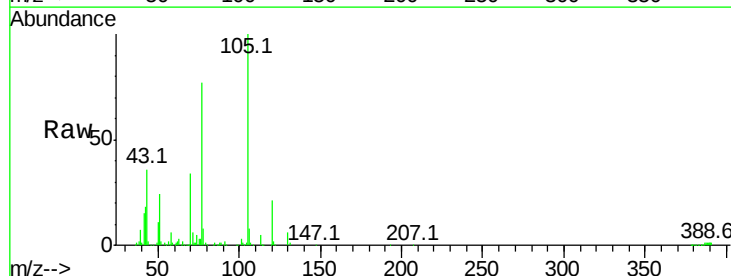
RT: 7.15 min Scan# 443

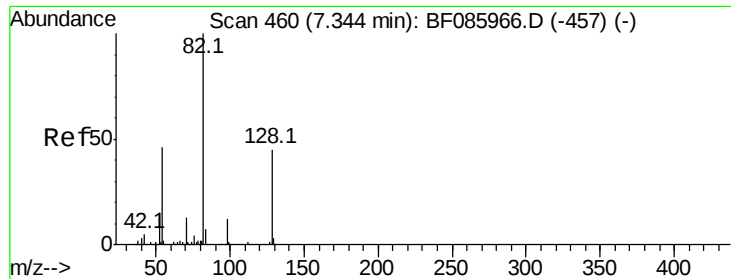
Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	397845		
71	5.7	3.6	5.4#	
51	24.5	25.4	38.0#	
120	21.0	16.9	25.3	





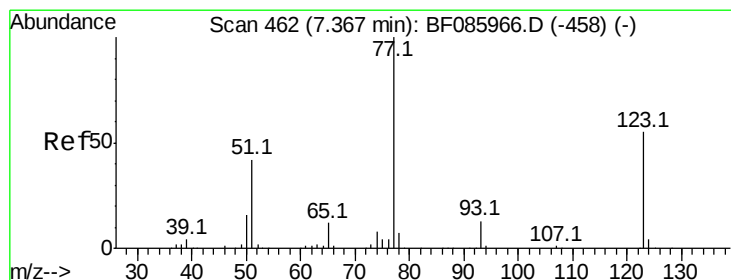
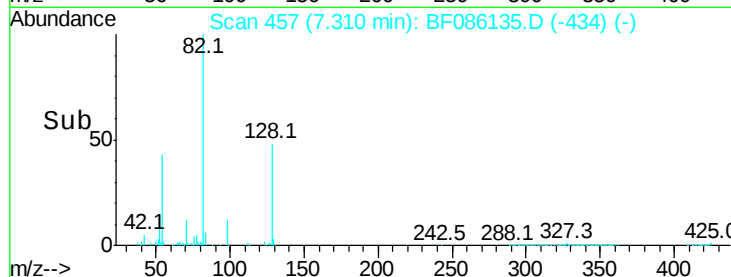
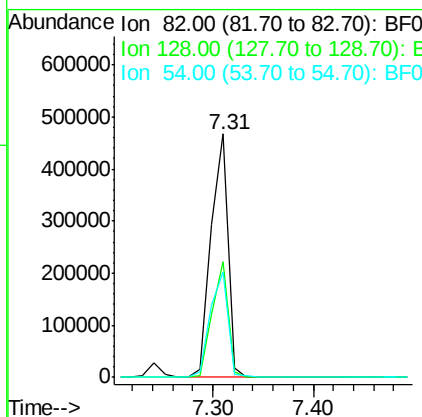
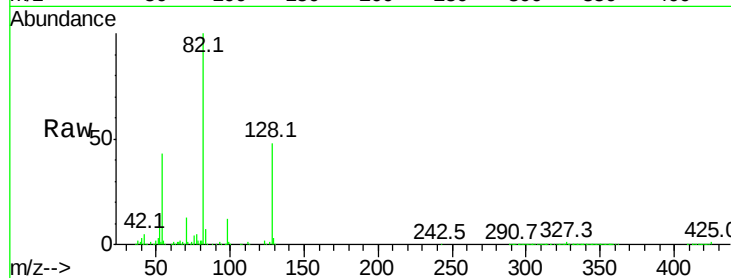
#23
Nitrobenzene-d5
Concen: 50.53 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	82	Resp	548478
Ion	Ratio	Lower	Upper
82	100		
128	47.7	41.8	62.8
54	43.4	33.4	50.0

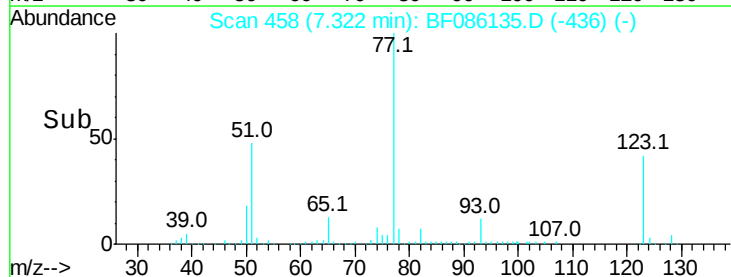
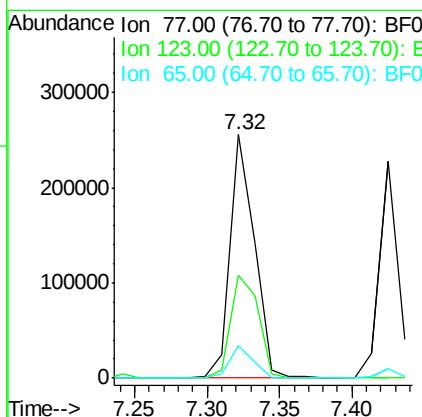
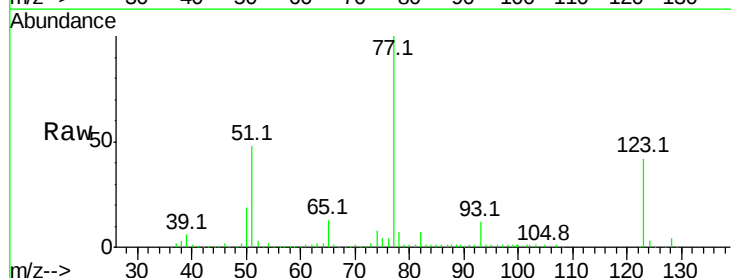
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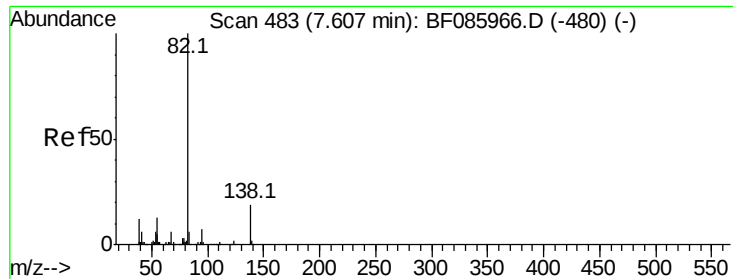
Sohil
4/8/2016 6:09:25 PM



#24
Nitrobenzene
Concen: 25.04 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	77	Resp	297405
Ion	Ratio	Lower	Upper
77	100		
123	42.2	35.0	52.4
65	13.2	10.6	16.0





#25

Isophorone

Concen: 26.93 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

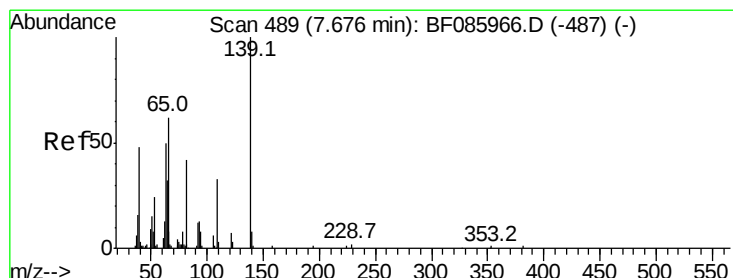
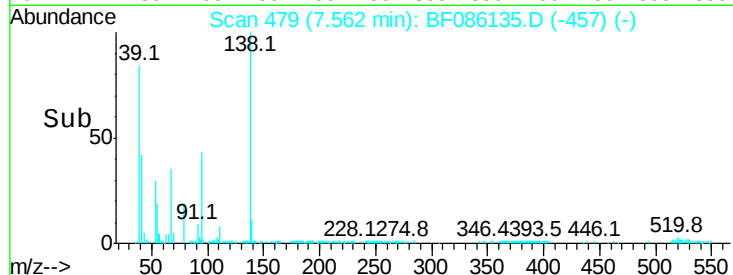
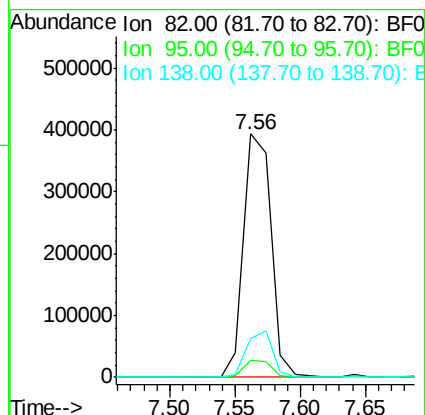
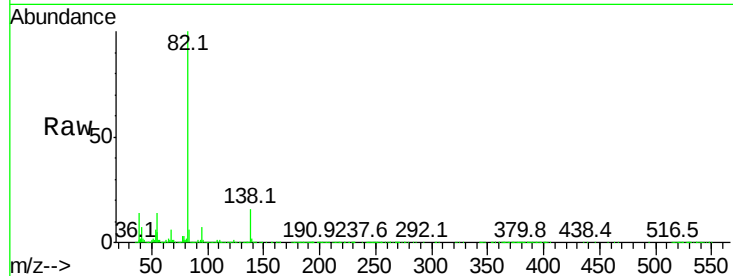
ClientSampleId :

PB89612BS

Manual Integrations
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Tot Ion:	82	Resp:	577120
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	16.0	12.9	19.3



#26

2-Nitrophenol

Concen: 27.36 ng

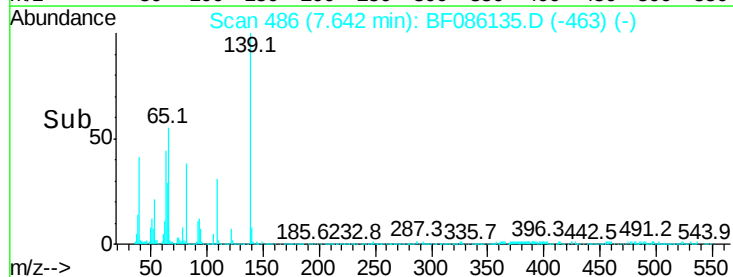
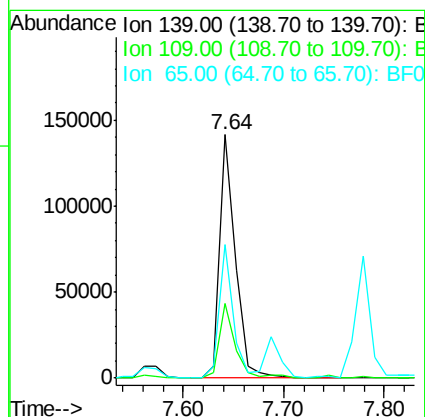
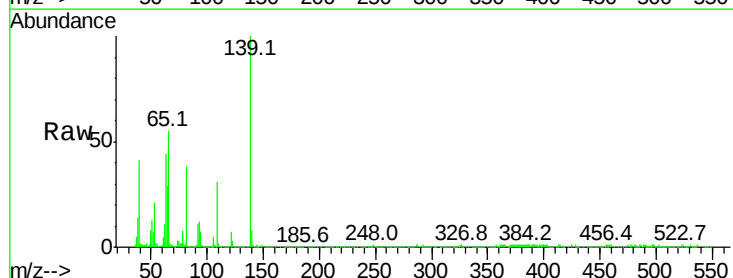
RT: 7.64 min Scan# 486

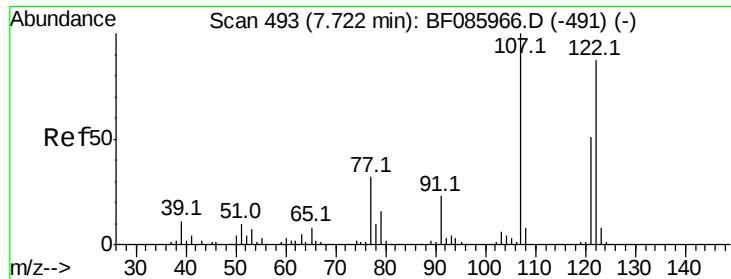
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	139	Resp:	155429
Ion Ratio	Lower	Upper	
139	100		
109	30.8	22.1	33.1
65	54.6	33.9	50.9#





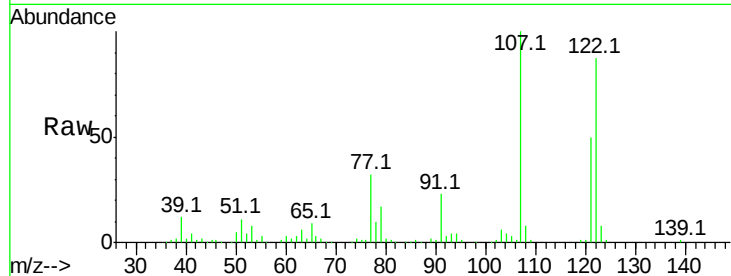
#27
 2,4-Dimethylphenol
 Concen: 25.59 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

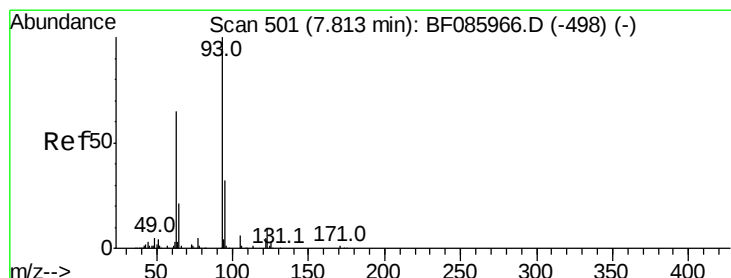
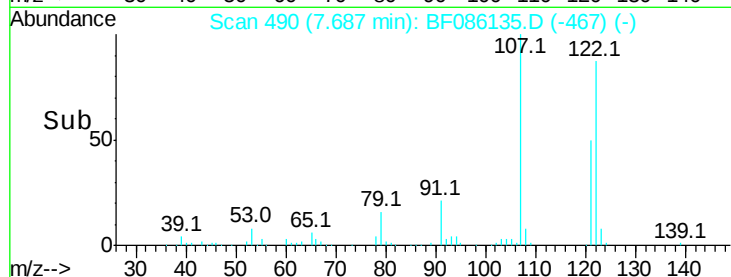
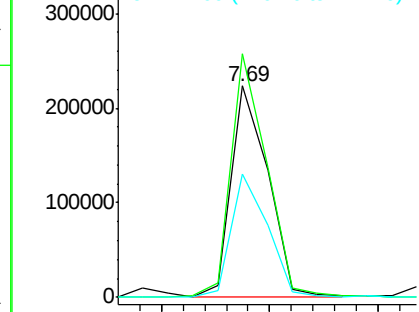
Tot Ion	Ratio	Resp	Lower	Upper
122	100	261136		
107	115.1	93.0	139.6	
121	58.0	45.9	68.9	

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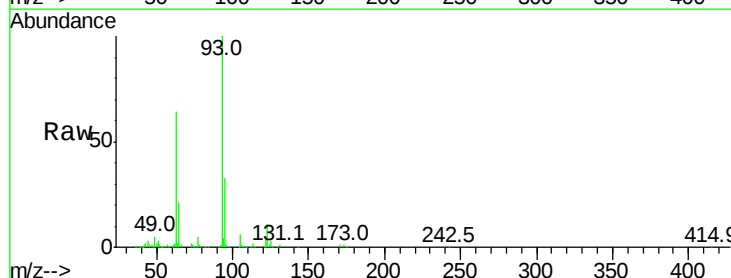


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

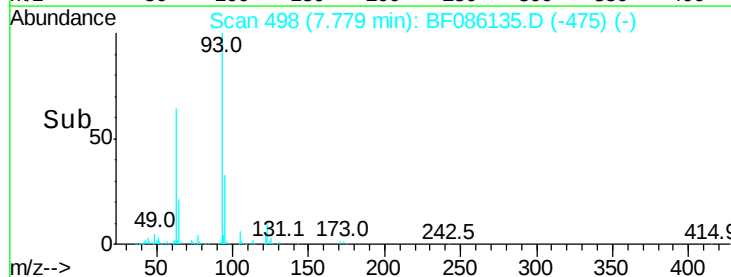
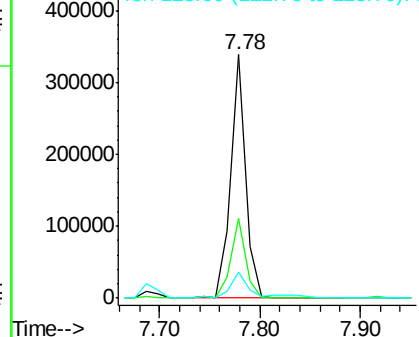


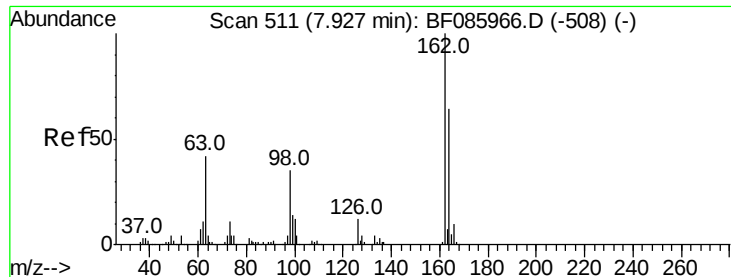
#28
 bis(2-Chloroethoxy)methane
 Concen: 28.04 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	352579		
95	32.9	26.4	39.6	
123	10.8	9.8	14.6	



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





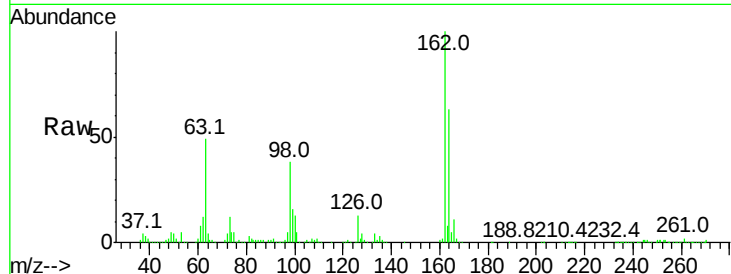
#29
 2,4-Dichlorophenol
 Concen: 29.49 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

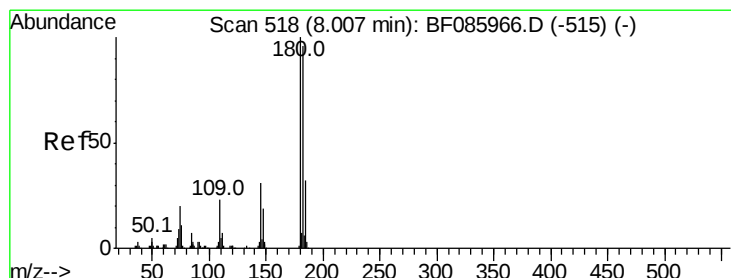
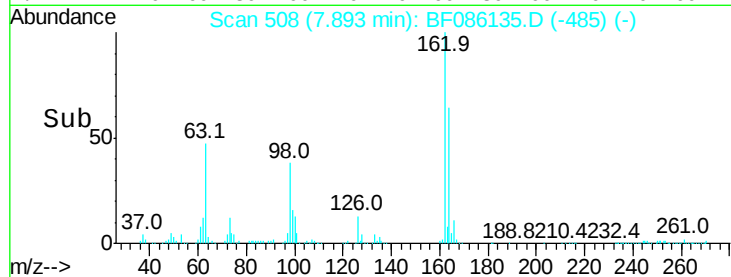
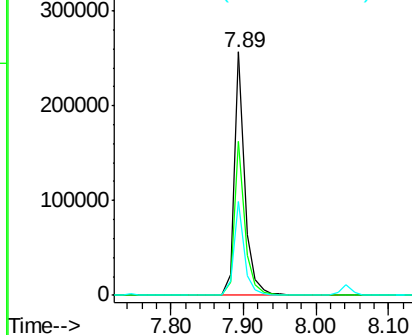
Tot Ion:	162	Resp:	254393
Ion Ratio	Lower	Upper	
162	100		
164	63.5	43.7	83.7
98	38.4	20.4	60.4

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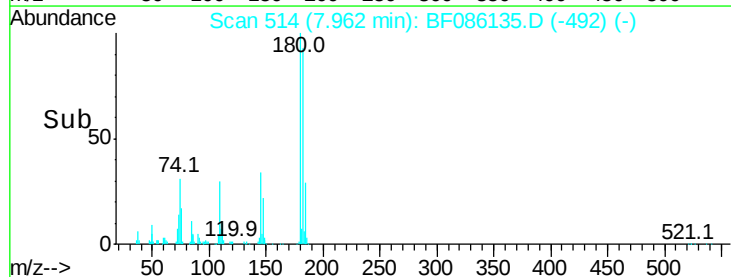
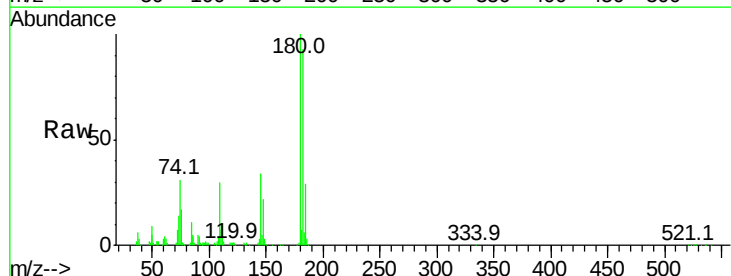
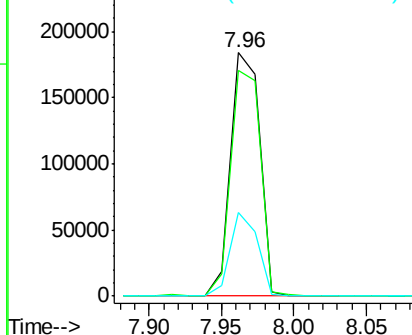
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

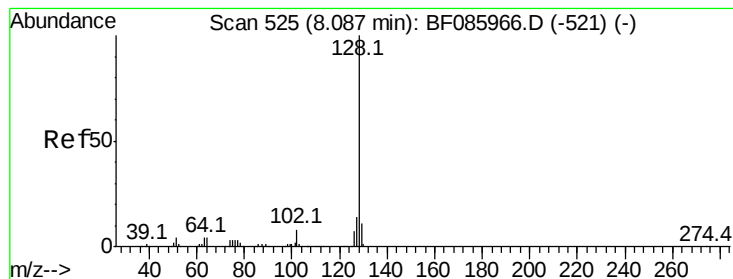


#30
 1,2,4-Trichlorobenzene
 Concen: 26.52 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion:	180	Resp:	256863
Ion Ratio	Lower	Upper	
180	100		
182	92.8	73.8	110.8
145	34.2	28.4	42.6

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





#31

Naphthalene

Concen: 25.54 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

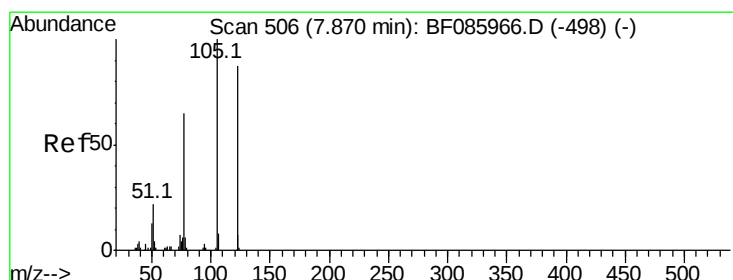
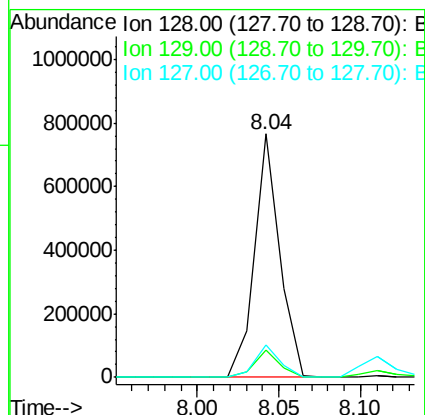
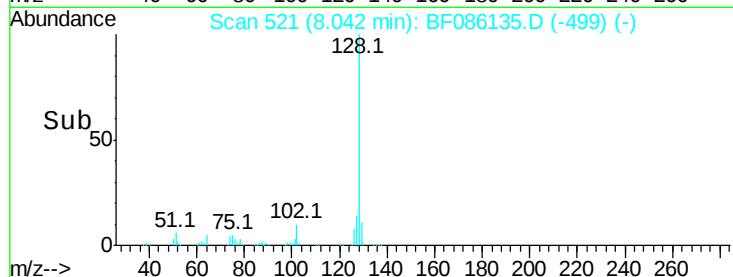
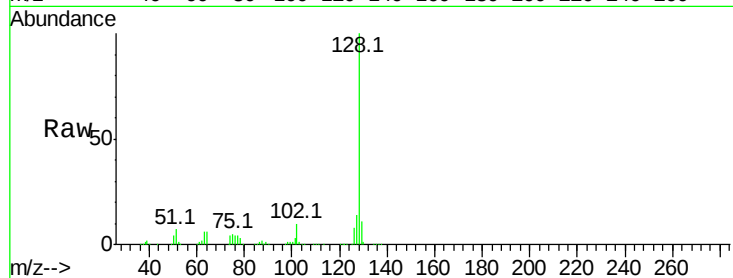
ClientSampleId :

PB89612BS

Tot Ion:	128	Resp:	822526
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.0
127	13.5	11.0	16.6

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#32

Benzoic acid

Concen: 23.80 ng

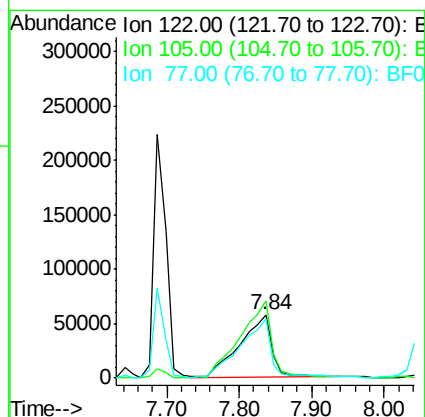
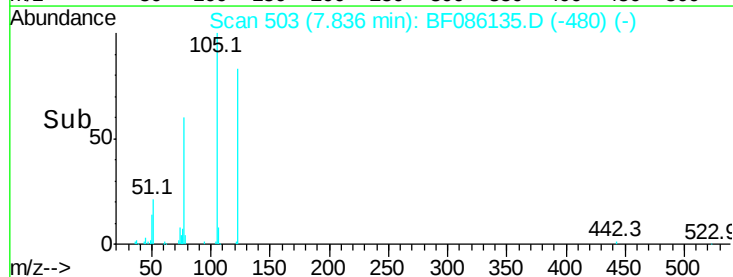
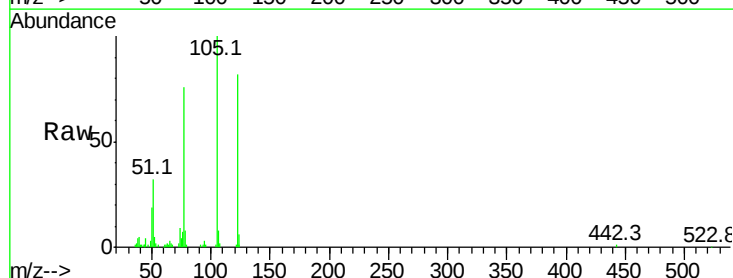
RT: 7.84 min Scan# 503

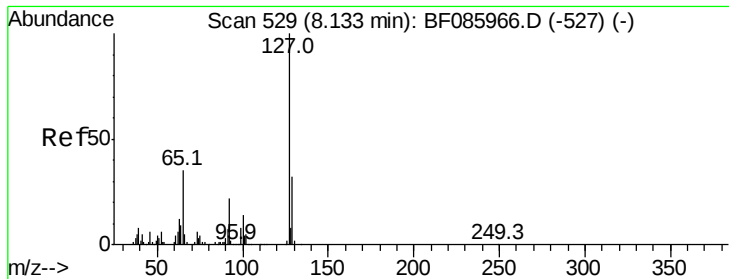
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	122	Resp:	178178
Ion Ratio	Lower	Upper	
122	100		
105	122.1	102.9	142.9
77	93.2	71.8	111.8





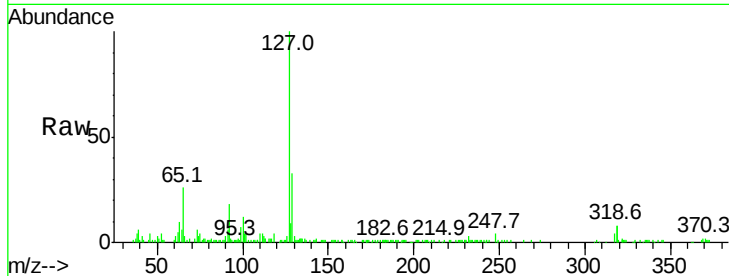
#33
4-Chloroaniline
Concen: 7.87 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.02 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.1	39.1
65	25.6	19.5	29.3
92	18.1	14.6	22.0

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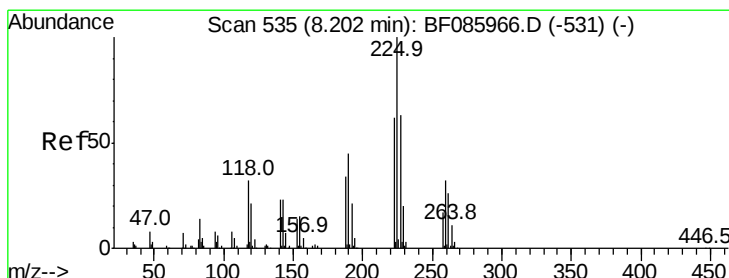
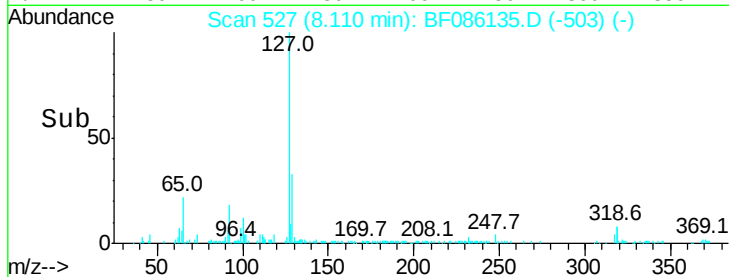
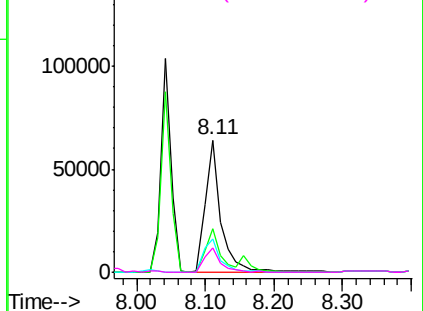
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 24.79 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

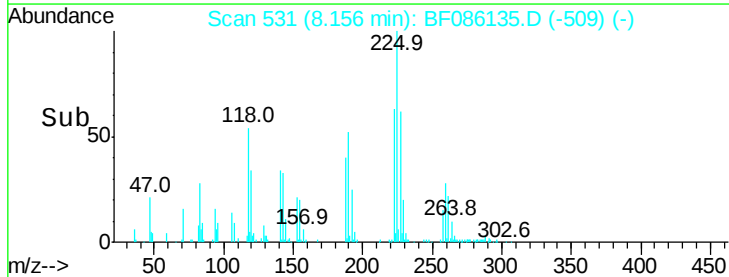
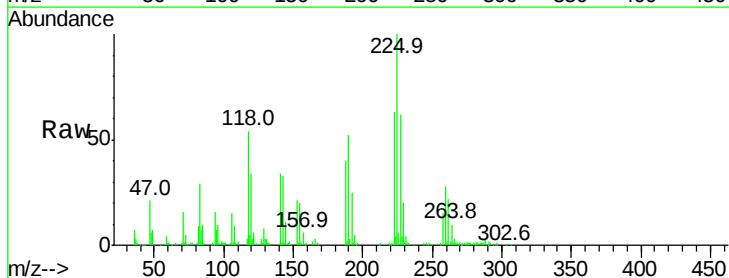
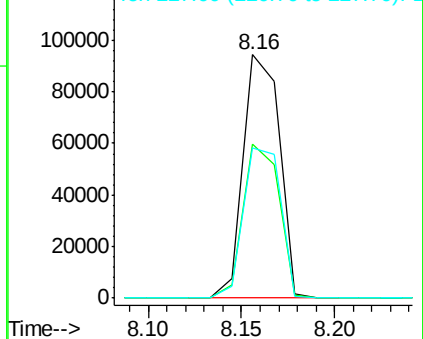
Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.4	75.6
227	61.8	51.4	77.2

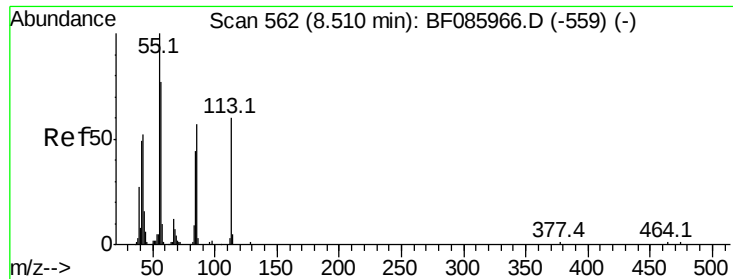
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 30.93 ng/ml

RT: 8.48 min Scan# 559

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

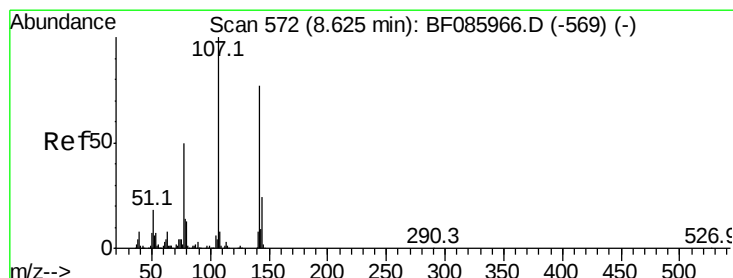
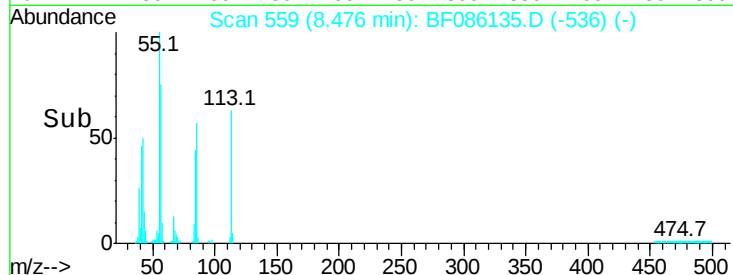
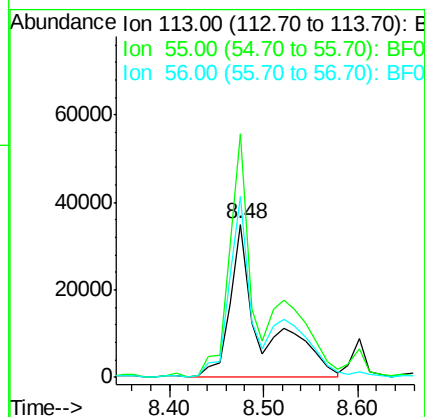
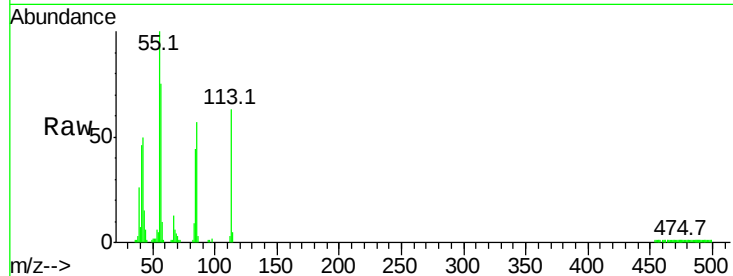
ClientSampleId :

PB89612BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.0	139.4	179.4
56	118.5	100.4	140.4

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#36

4-Chloro-3-methylphenol

Concen: 30.05 ng/ml

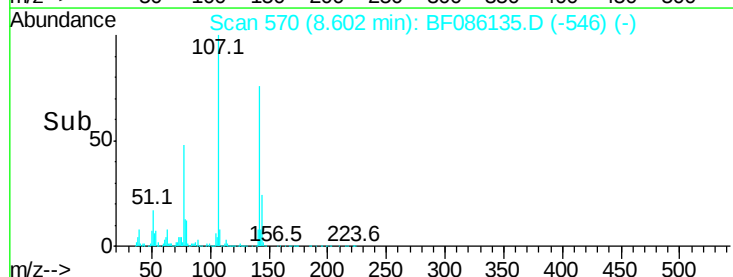
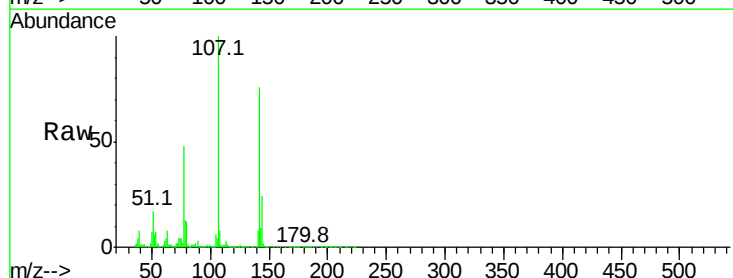
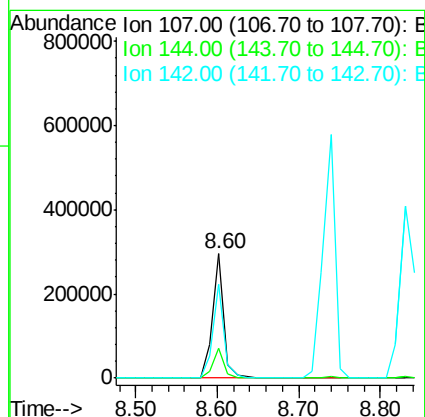
RT: 8.60 min Scan# 570

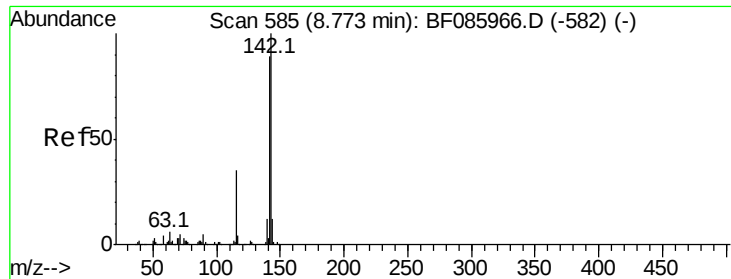
Delta R.T. -0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	19.3	28.9
142	76.1	61.4	92.0





#37

2-Methylnaphthalene

Concen: 28.29 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.03 min

Lab File: BF086135.D

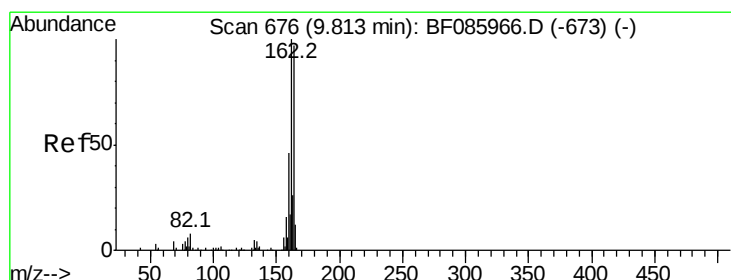
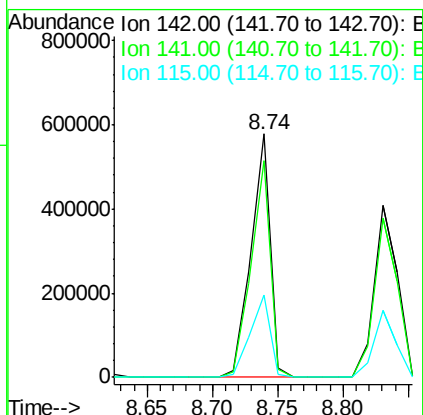
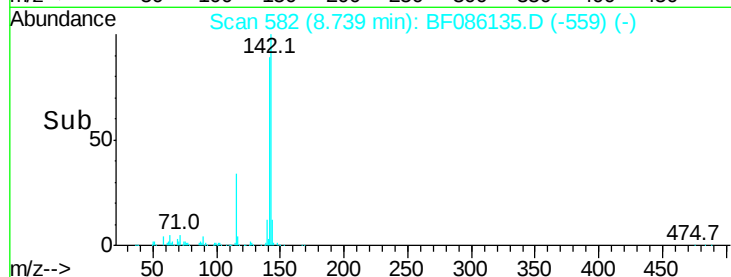
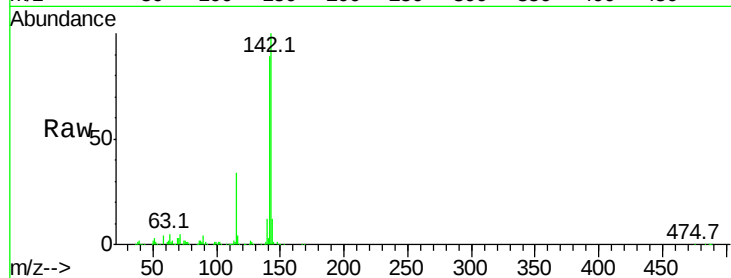
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	595076		
141	89.1	71.6	107.4	
115	33.9	26.8	40.2	

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#38

Acenaphthene-d10

Concen: 20.00 ng

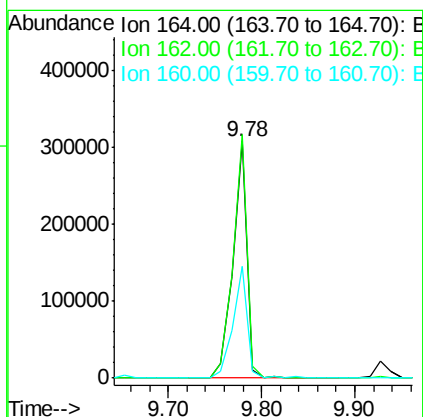
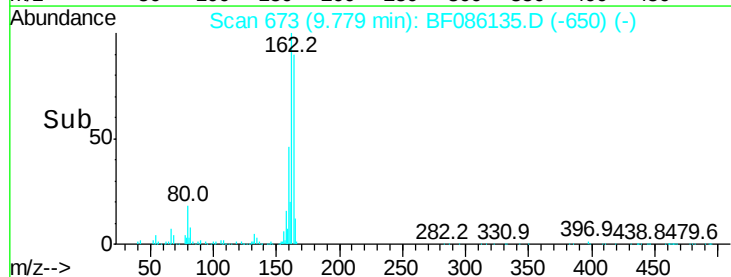
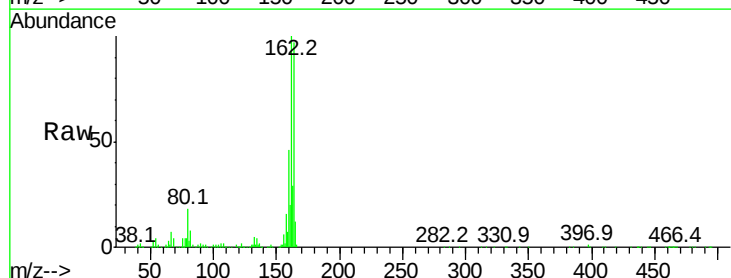
RT: 9.78 min Scan# 673

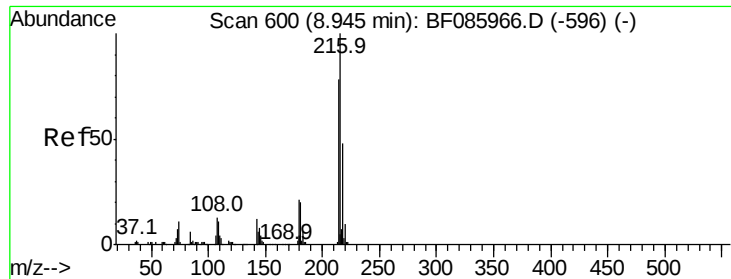
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	325440		
162	102.7	82.1	123.1	
160	47.3	37.4	56.2	





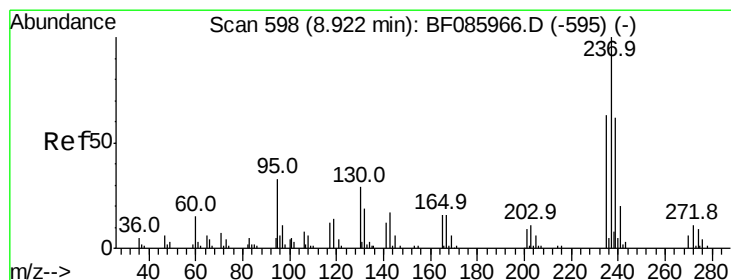
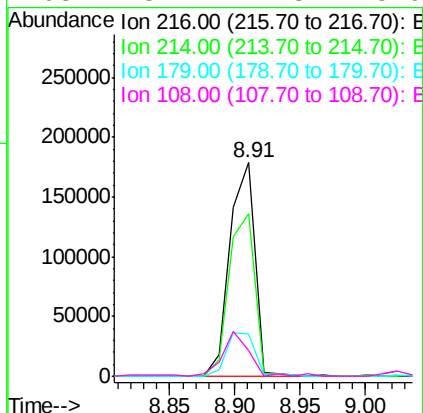
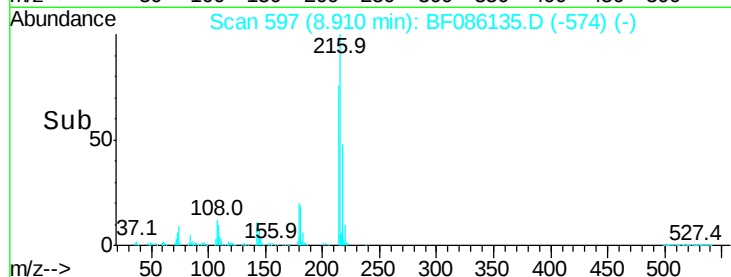
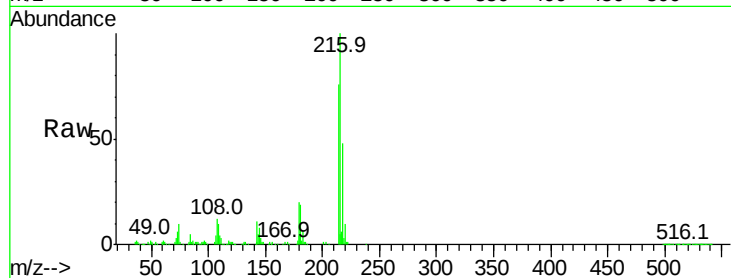
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 24.27 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

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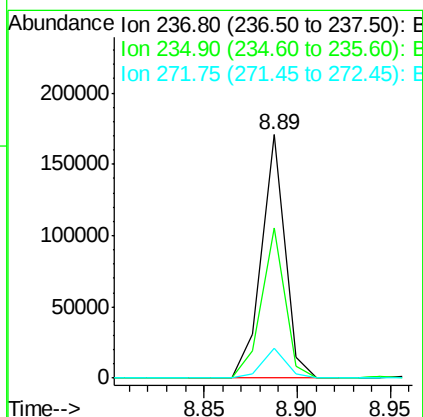
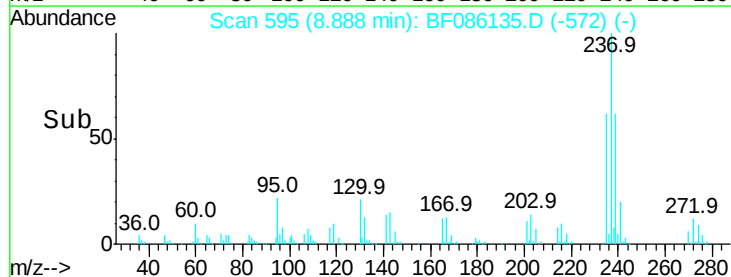
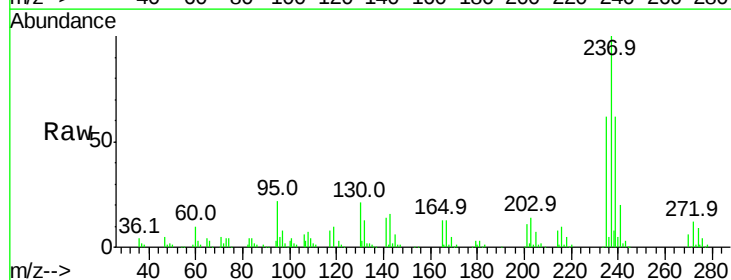
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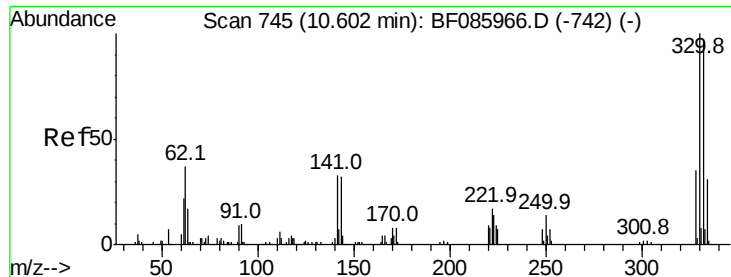
Tot Ion	Ratio	Resp	Lower	Upper
216	100	237424		
214	79.0	63.1	94.7	
179	23.4	18.2	27.2	
108	23.4	17.3	25.9	



#40
 Hexachlorocyclopentadiene
 Concen: 50.24 ng
 RT: 8.89 min Scan# 595
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	148755		
235	61.8	43.7	83.7	
272	12.3	0.0	31.9	





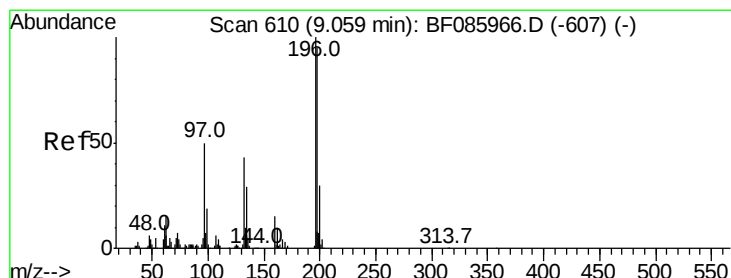
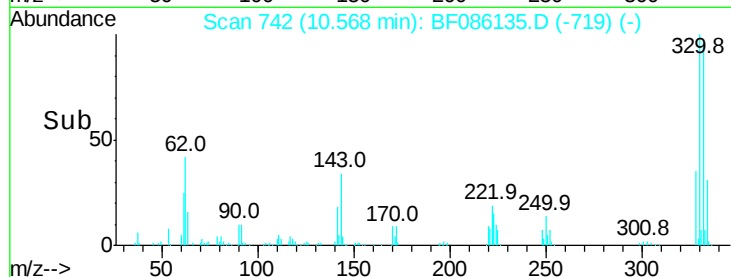
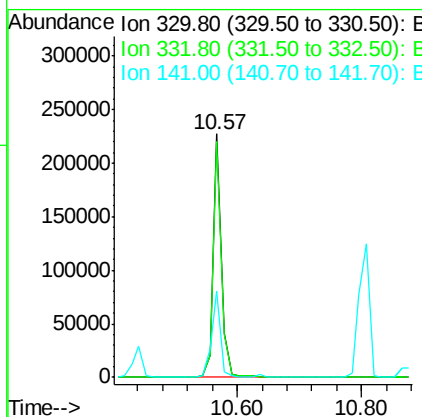
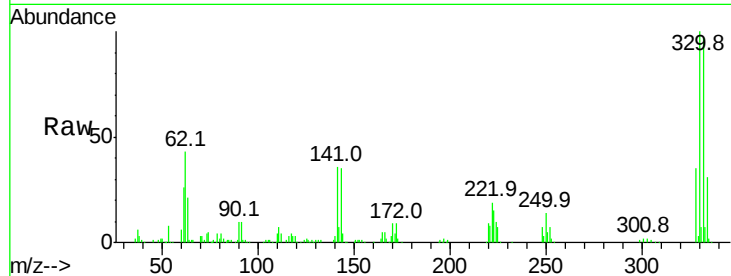
#41
 2,4,6-Tribromophenol
 Concen: 67.78 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	207026		
332	97.2	78.2	117.2	
141	39.0	31.5	47.3	

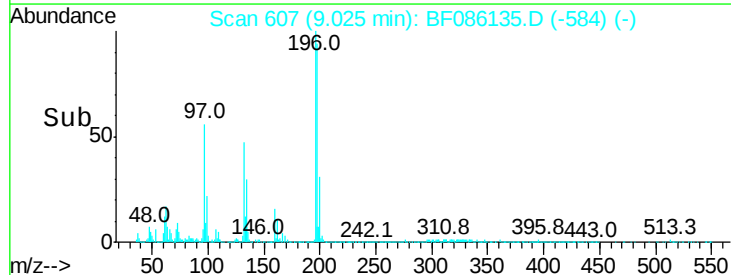
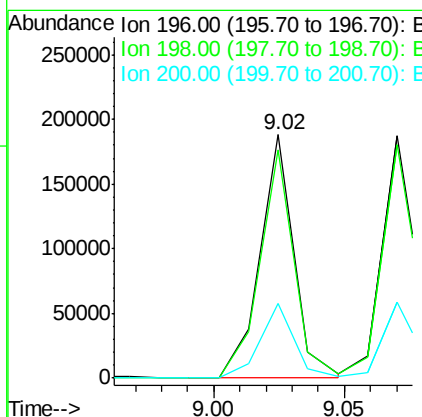
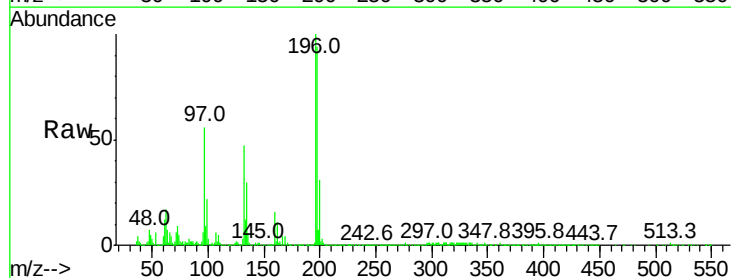
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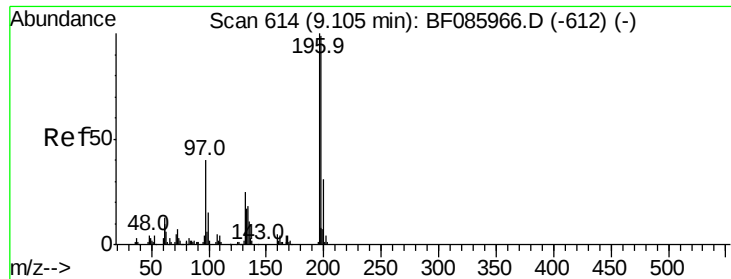
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#42
 2,4,6-Trichlorophenol
 Concen: 27.26 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171205		
198	93.9	75.3	112.9	
200	30.9	23.7	35.5	





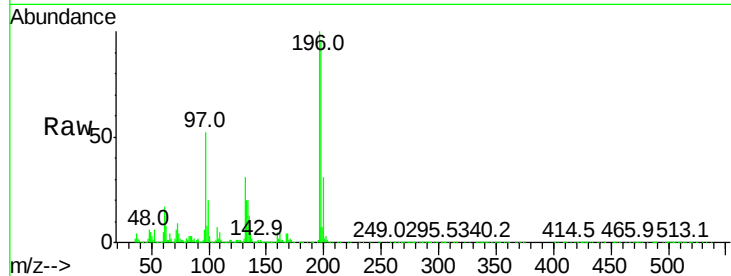
#43
 2,4,5-Trichlorophenol
 Concen: 27.58 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

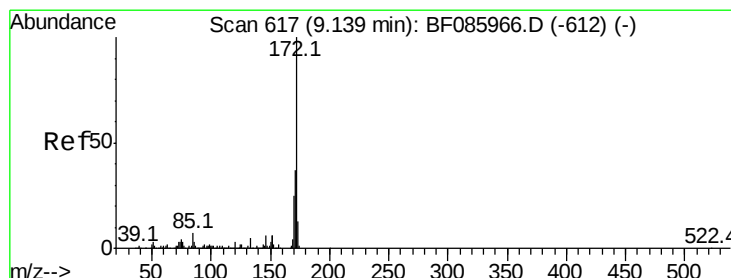
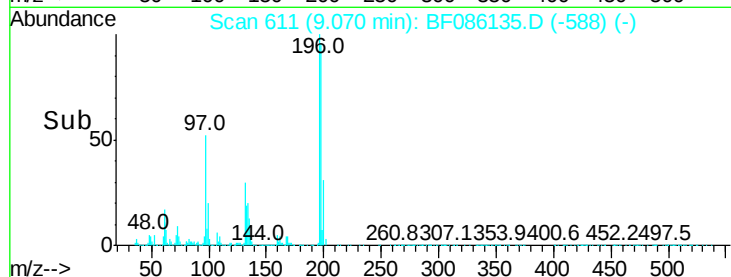
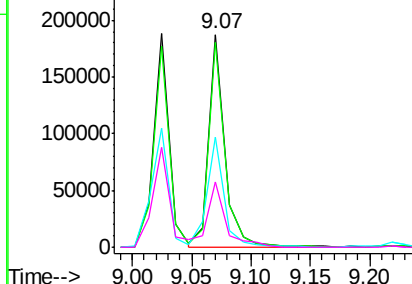
Tot Ion	196	Resp	175881
Ion Ratio	Lower	Upper	
196	100		
198	96.4	76.6	114.8
97	52.0	30.5	45.7#
132	30.7	20.2	30.2#

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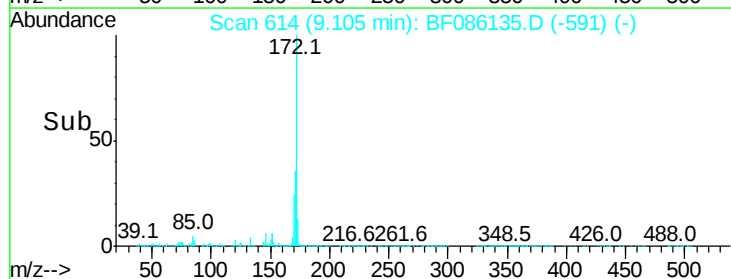
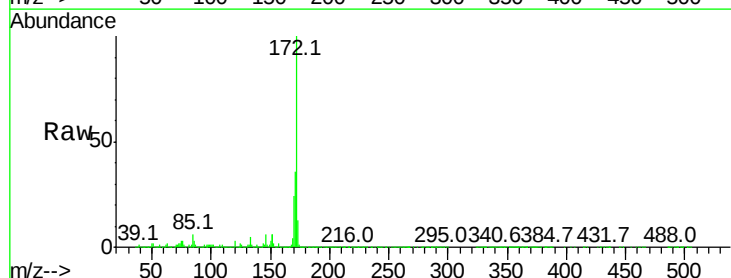
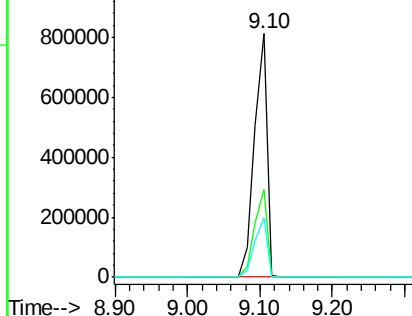
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

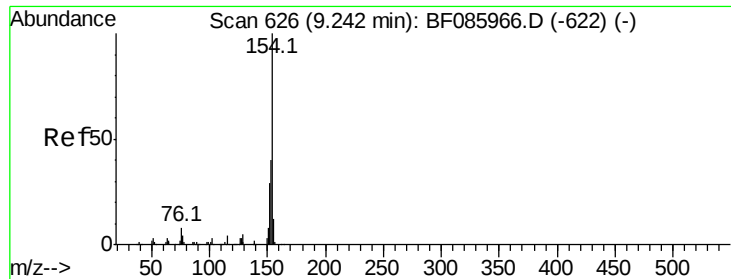


#44
 2-Fluorobiphenyl
 Concen: 50.23 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion	172	Resp	983094
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.4	44.2
170	24.3	19.8	29.6

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





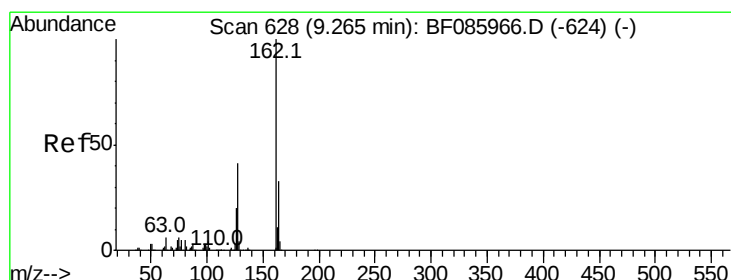
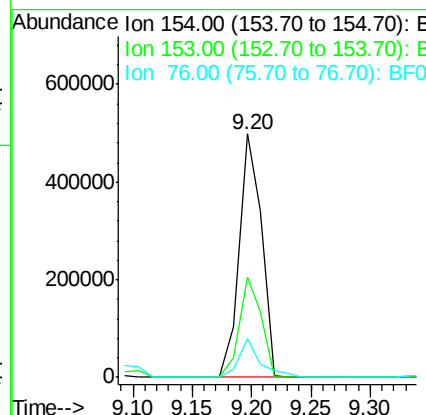
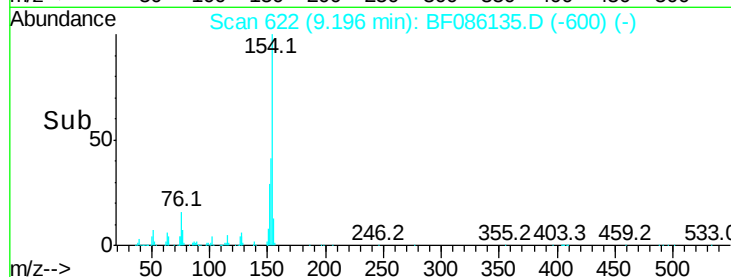
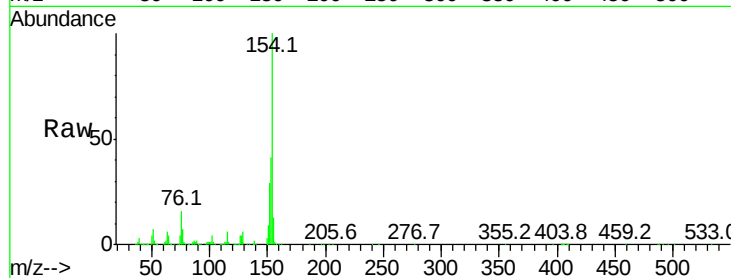
#45
1,1'-Biphenyl
Concen: 23.28 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.05 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.1	20.8	60.8	
76	15.9	0.0	36.7	

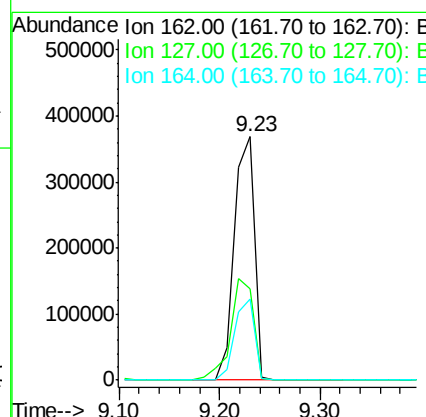
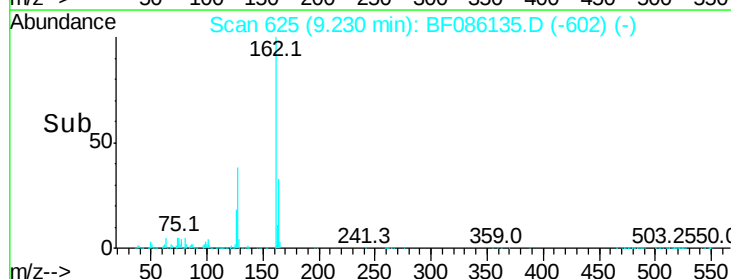
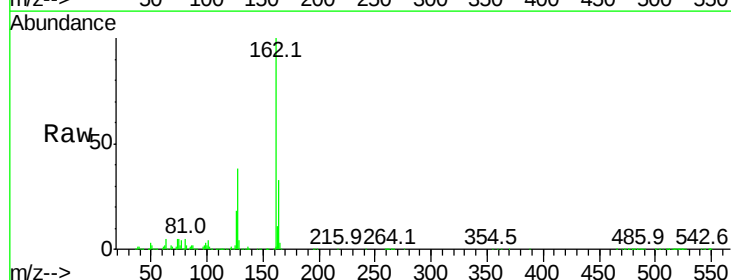
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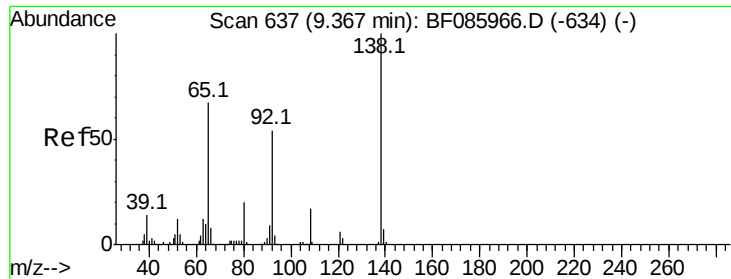
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#46
2-Chloronaphthalene
Concen: 25.29 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.7	31.7	47.5	
164	33.2	27.3	40.9	





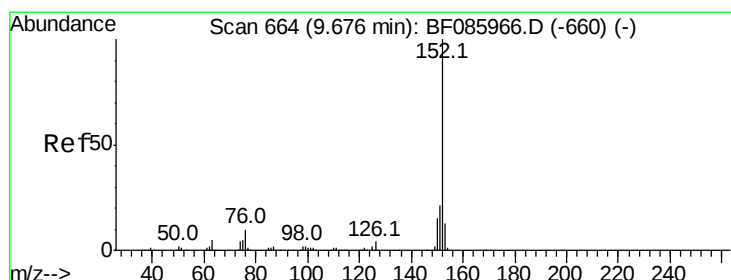
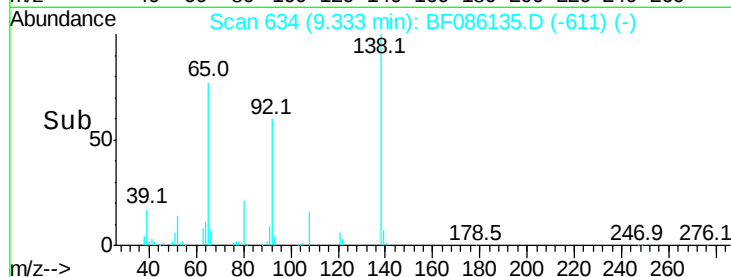
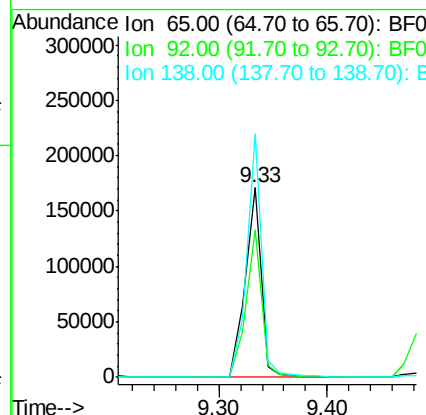
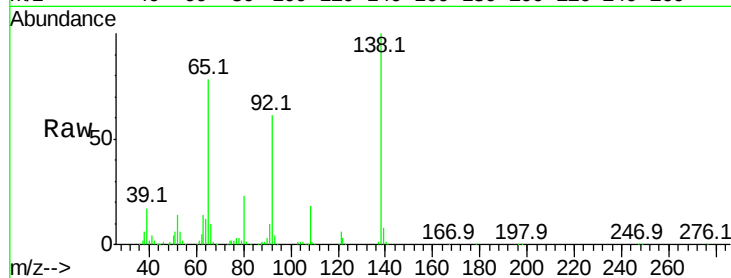
#47
2-Nitroaniline
Concen: 29.16 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	77.7	59.7	89.5
138	128.4	91.4	137.0

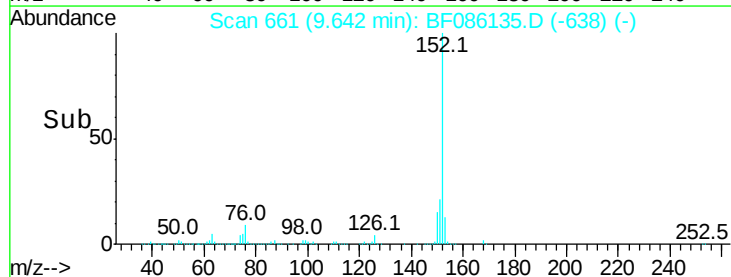
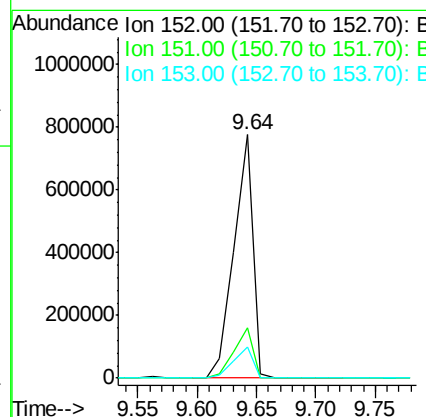
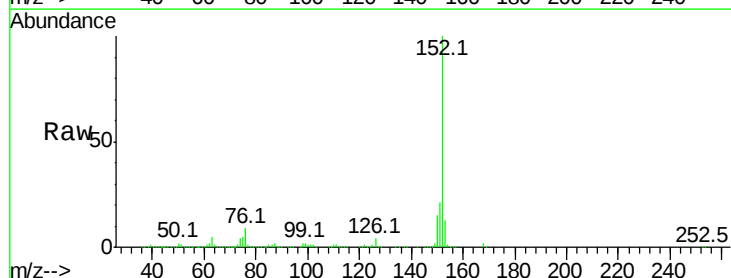
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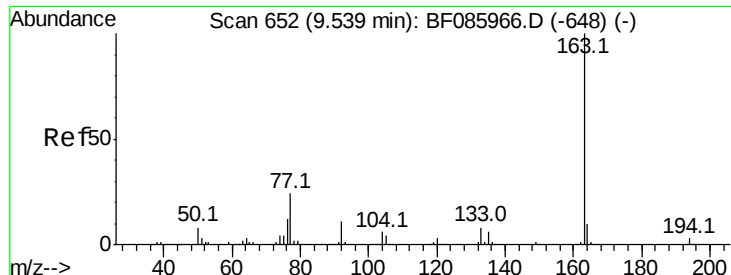
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#48
Acenaphthylene
Concen: 26.44 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.8	25.2
153	13.0	10.9	16.3





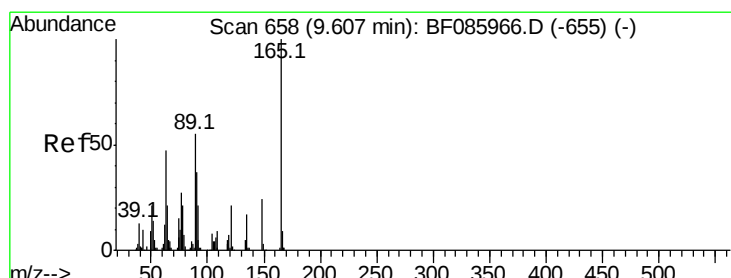
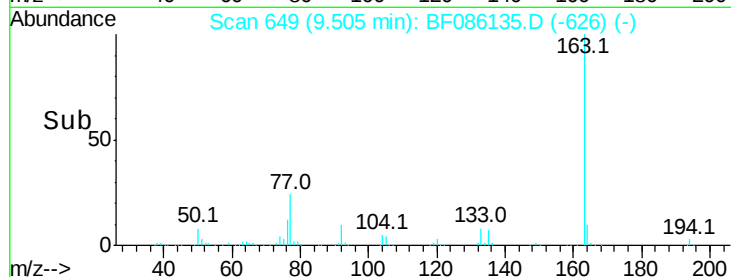
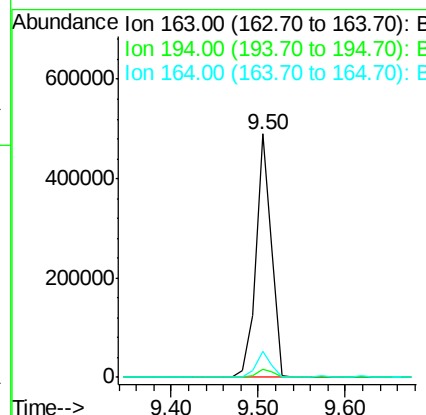
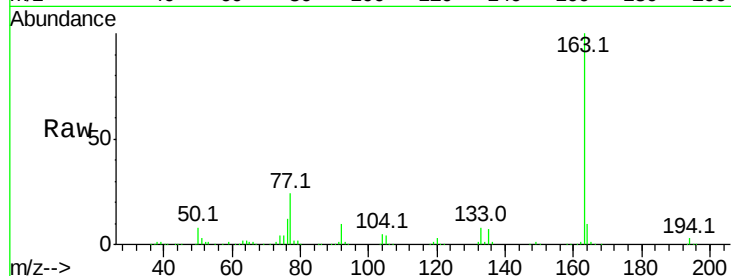
#49
Dimethylphthalate
Concen: 25.41 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

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

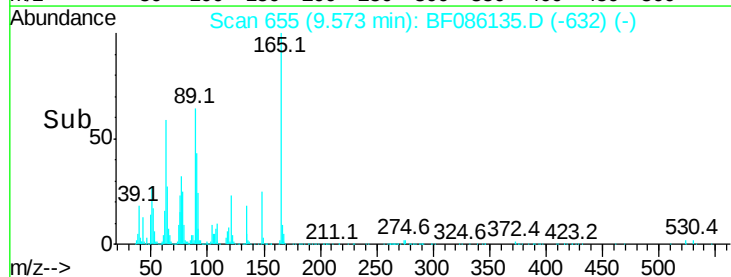
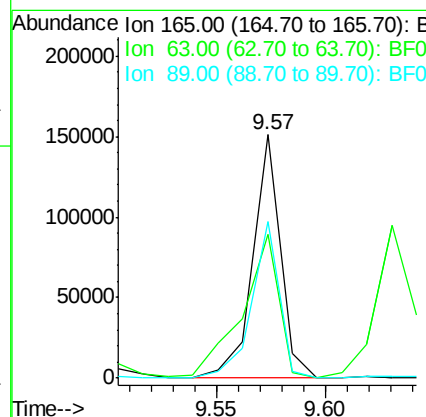
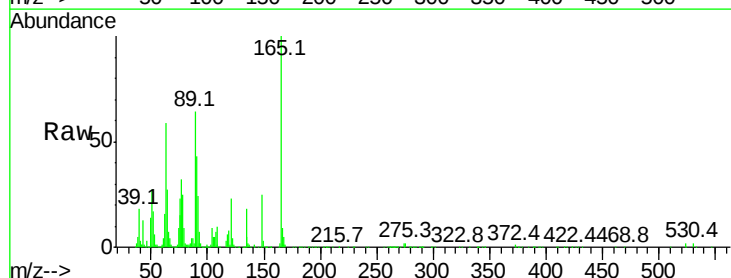
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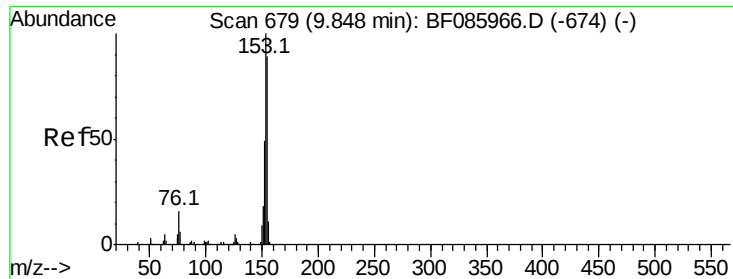
Sohil
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#50
2,6-Dinitrotoluene
Concen: 26.10 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	58.8	51.8	77.8
89	64.2	53.7	80.5





#51

Acenaphthene

Concen: 26.66 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

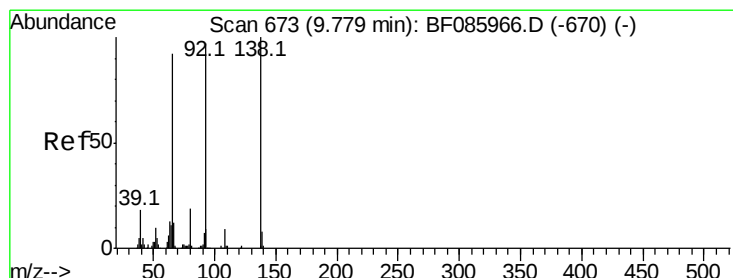
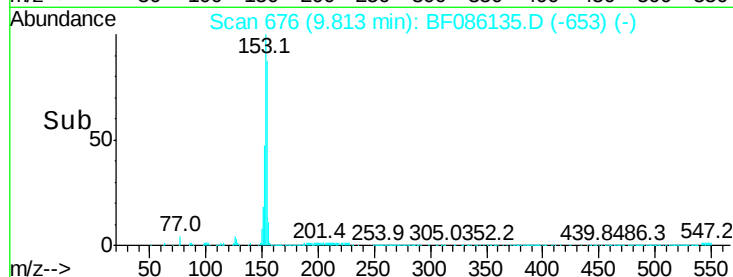
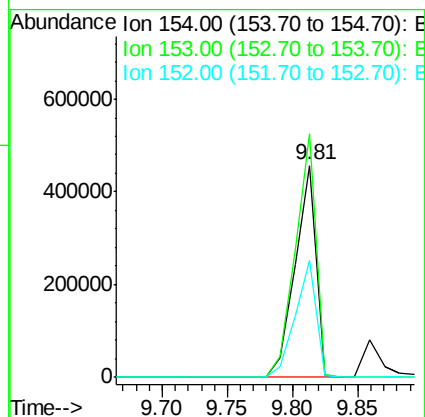
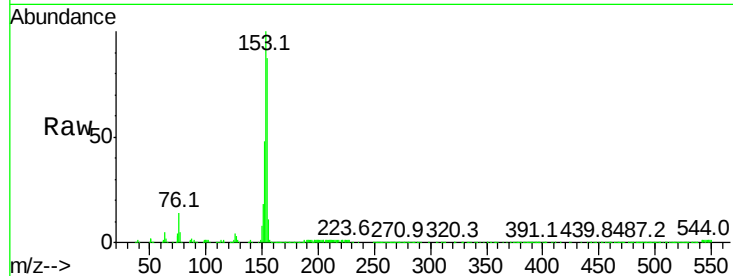
ClientSampleId :

PB89612BS

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Tot Ion:154	Resp:	516583
Ion Ratio	Lower	Upper
154	100	
153	114.9	90.1 135.1
152	55.0	44.2 66.2



#52

3-Nitroaniline

Concen: 13.54 ng

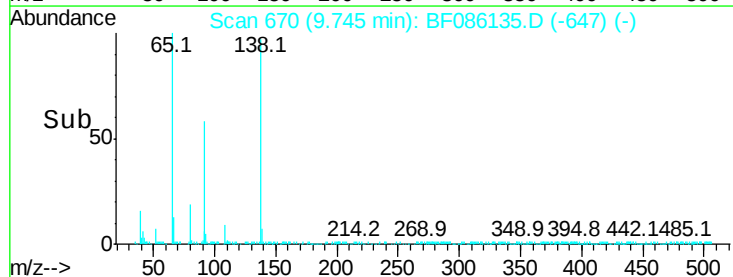
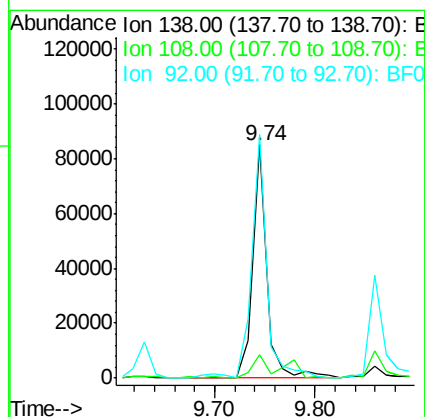
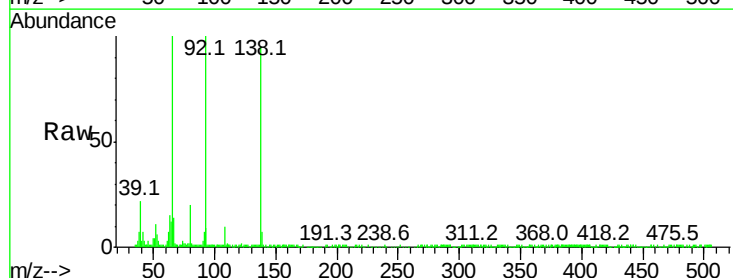
RT: 9.74 min Scan# 670

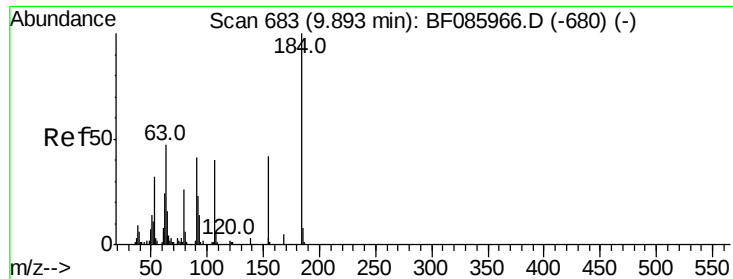
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:138	Resp:	83270
Ion Ratio	Lower	Upper
138	100	
108	10.2	8.7 13.1
92	104.4	93.3 139.9





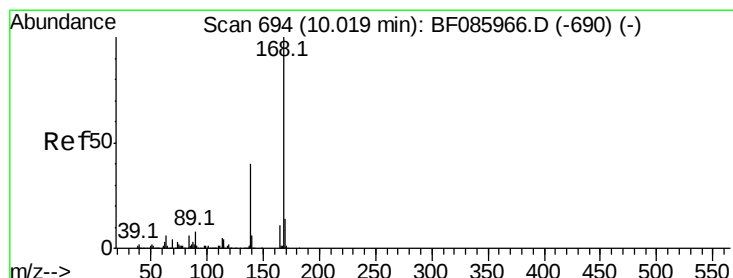
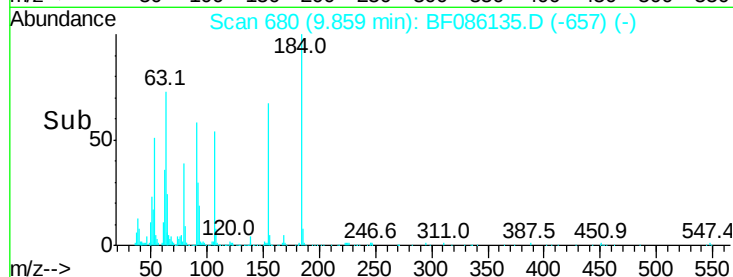
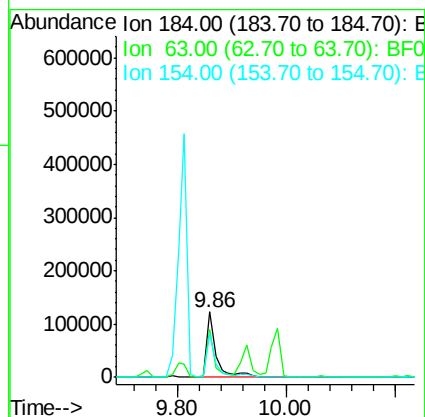
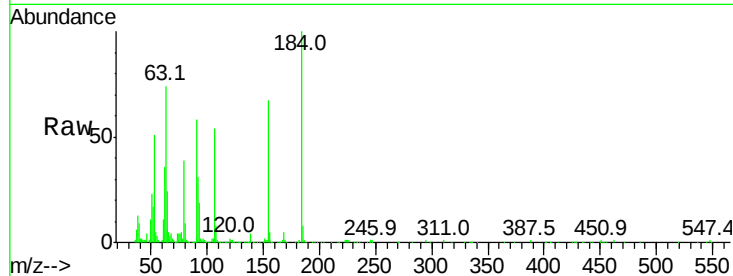
#53
2,4-Dinitrophenol
Concen: 52.90 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	151548		
63	73.5	69.5	104.3	
154	67.2	58.3	87.5	

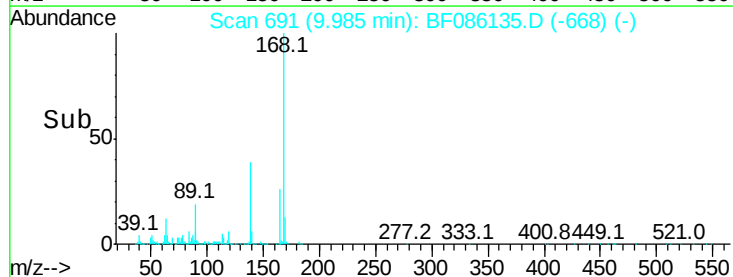
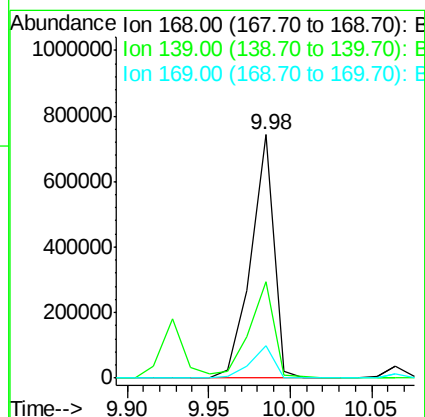
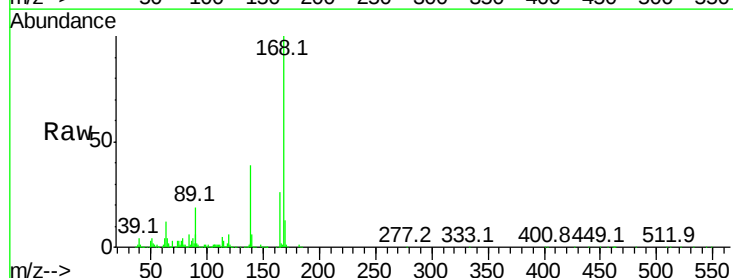
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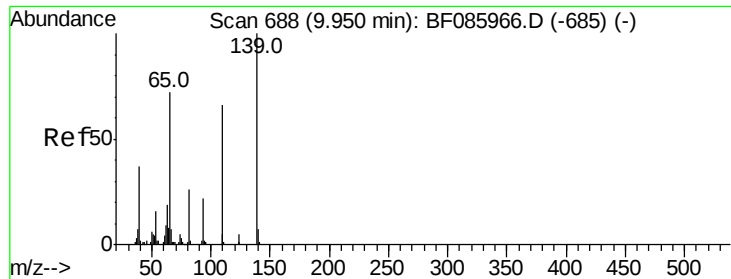
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#54
Dibenzofuran
Concen: 28.36 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	725789		
139	39.4	31.9	47.9	
169	13.3	11.0	16.6	





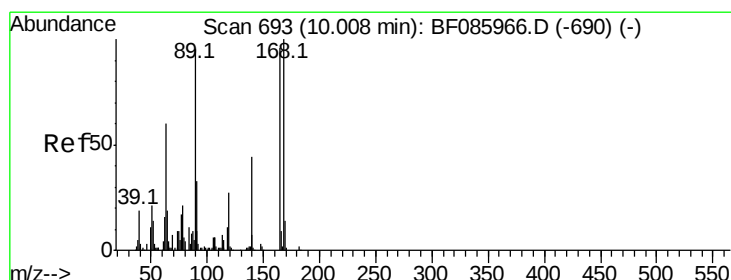
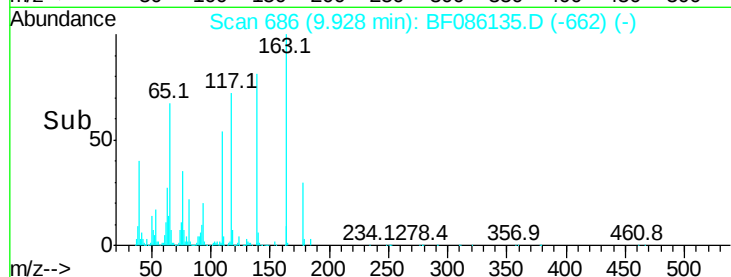
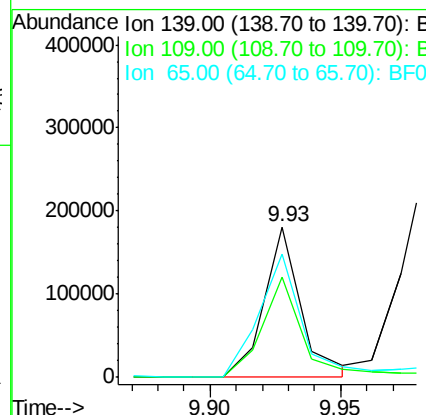
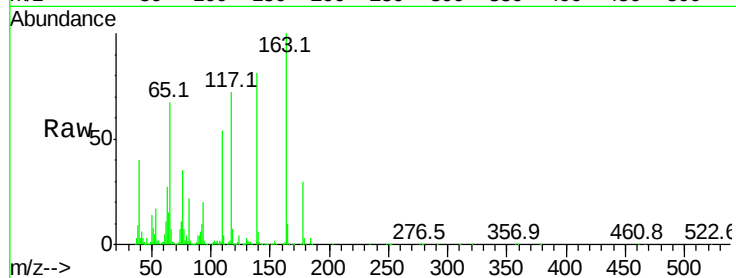
#55
4-Nitrophenol
Concen: 49.71 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.02 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.4	49.2	89.2	
65	82.0	66.9	106.9	

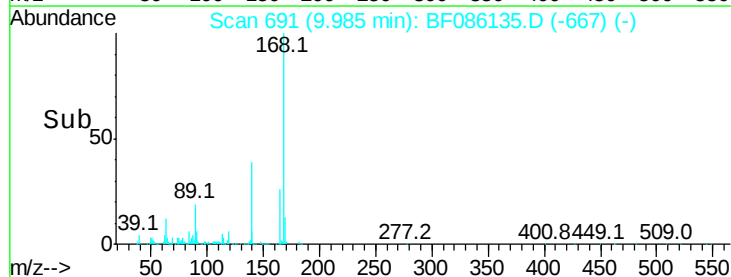
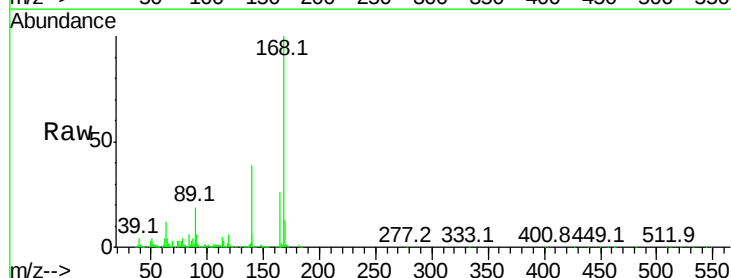
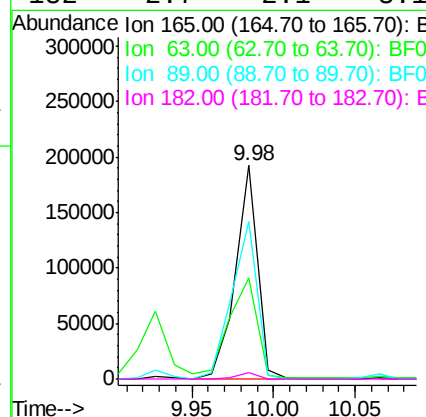
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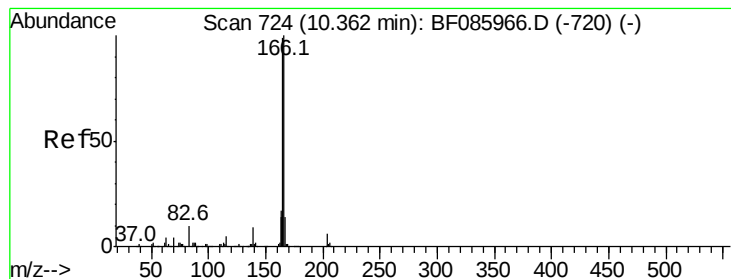
Sohil
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#56
2,4-Dinitrotoluene
Concen: 27.71 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.3	24.9	37.3#	
89	73.7	41.0	61.6#	
182	2.7	2.1	3.1	





#57

Fluorene

Concen: 26.96 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

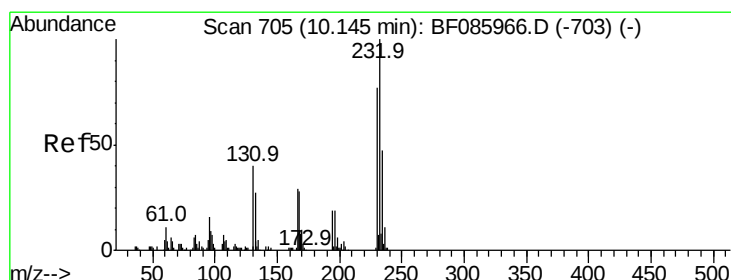
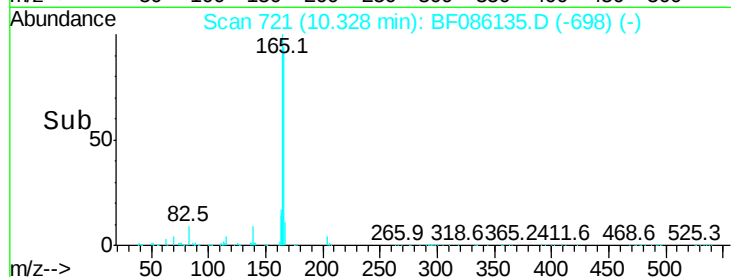
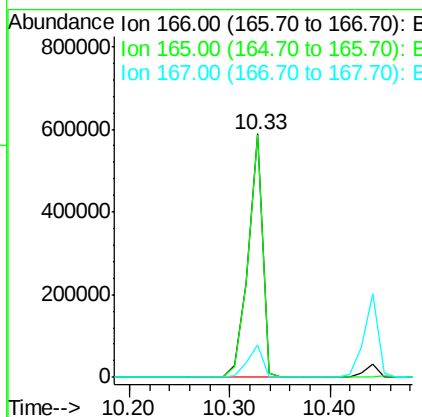
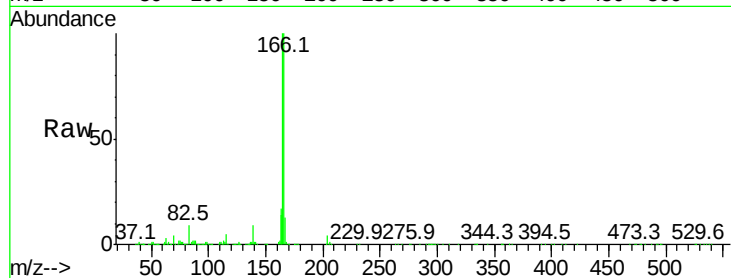
ClientSampleId :

PB89612BS

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Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.7	79.4	119.0	
167	13.4	11.0	16.4	



#58

2,3,4,6-Tetrachlorophenol

Concen: 28.47 ng

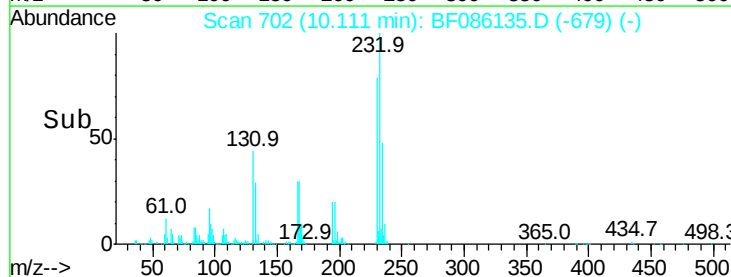
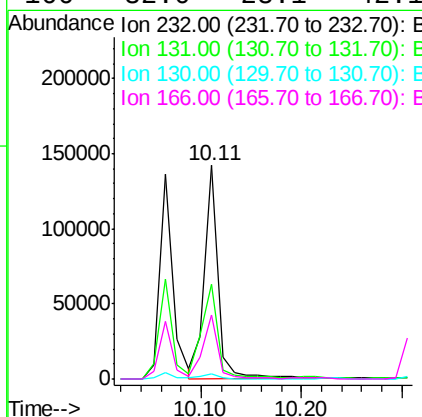
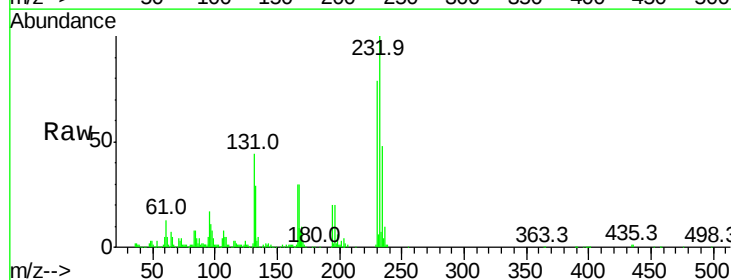
RT: 10.11 min Scan# 702

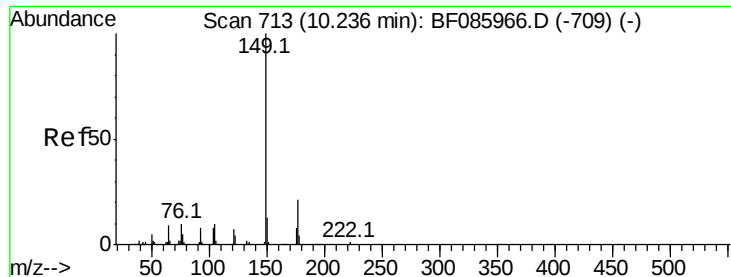
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	53.4	44.9	67.3	
130	3.4	2.3	3.5	
166	32.0	28.1	42.1	





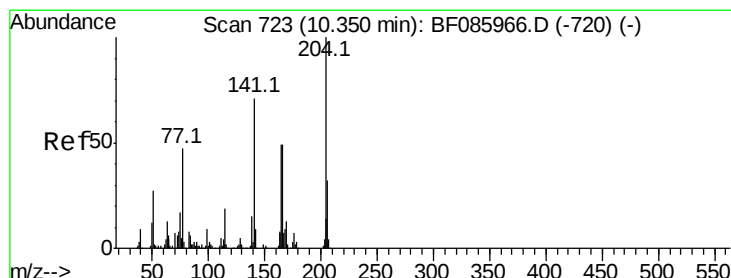
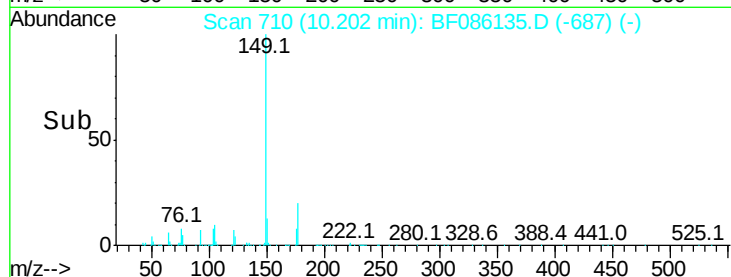
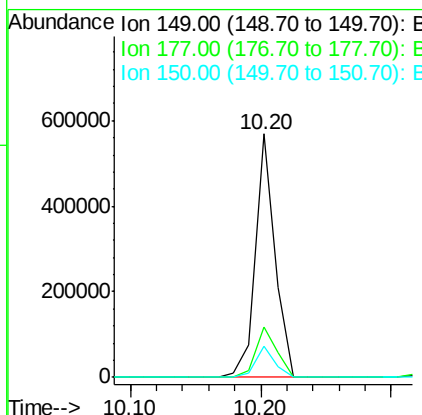
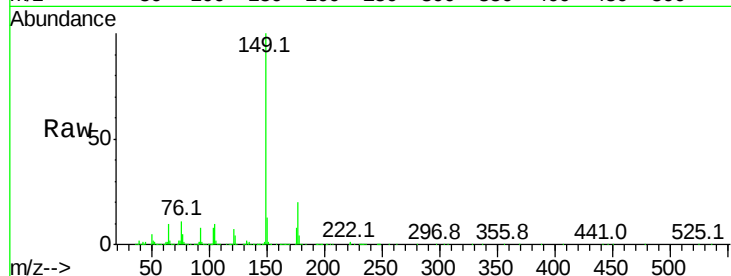
#59
Diethylphthalate
Concen: 24.49 ng
RT: 10.20 min Scan# 710
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	596233		
177	20.5		17.9	26.9
150	12.7		10.2	15.2

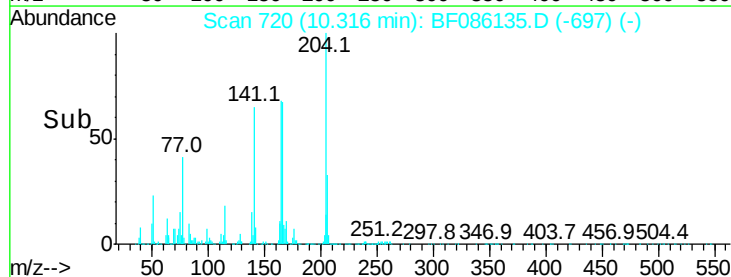
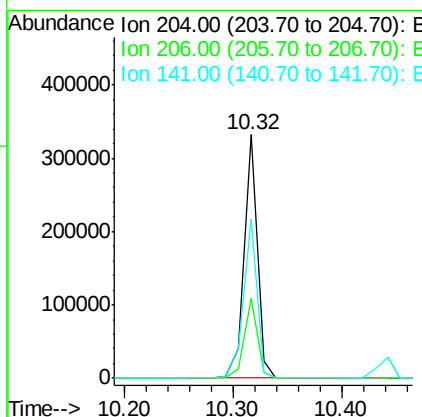
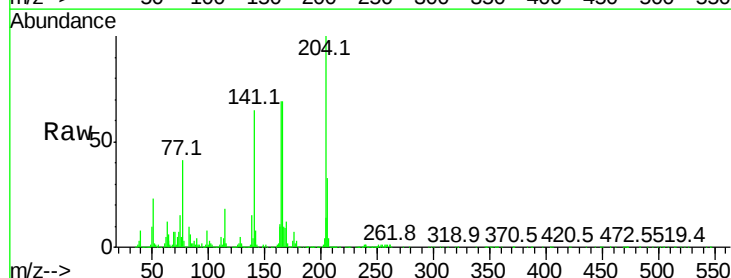
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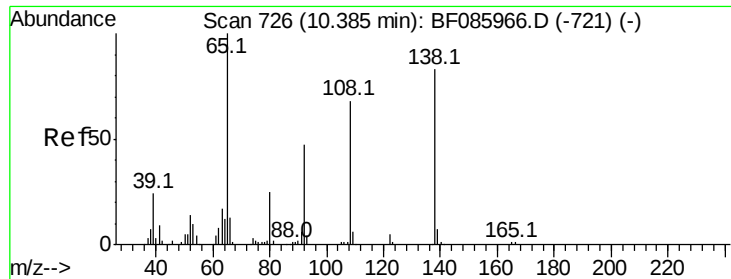
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#60
4-Chlorophenyl-phenylether
Concen: 26.93 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	274264		
206	32.6		26.6	39.8
141	65.3		57.4	86.0





#61

4-Nitroaniline

Concen: 26.68 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

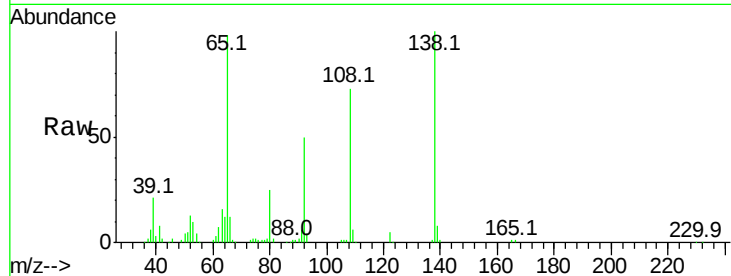
ClientSampleId :

PB89612BS

Tot Ion:	138	Resp:	161629
Ion Ratio	Lower	Upper	
138	100		
92	50.1	26.4	66.4
108	72.8	49.0	89.0

Manual Integrations
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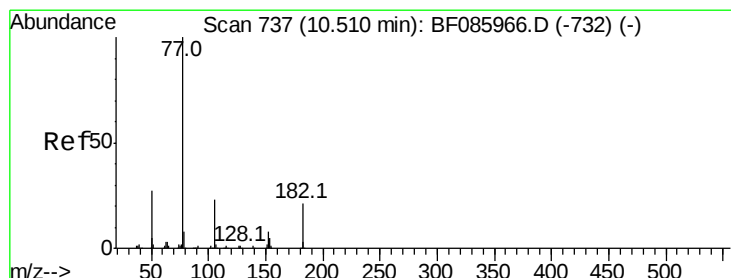
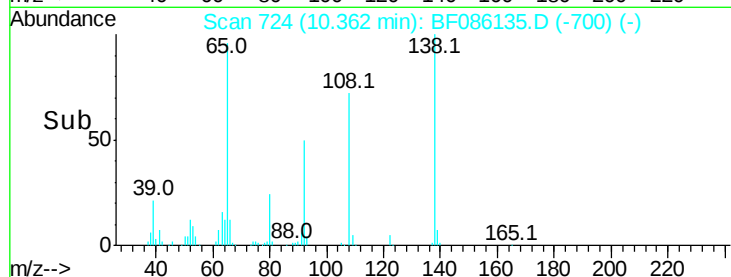
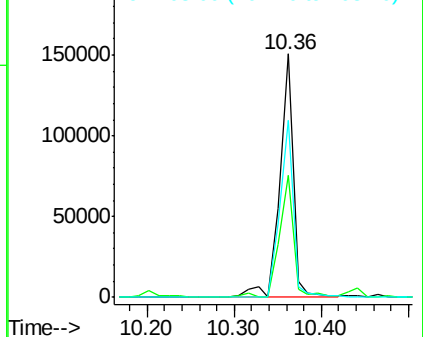
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 28.89 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

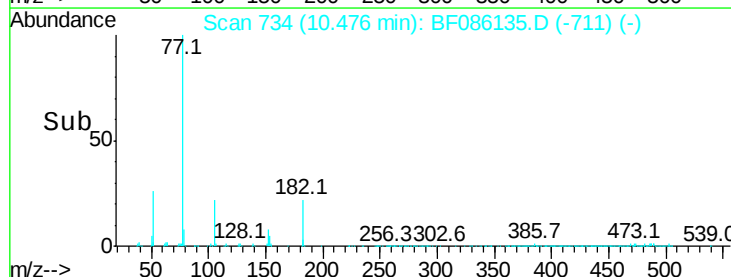
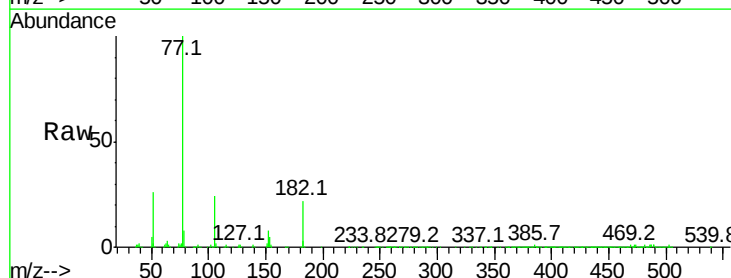
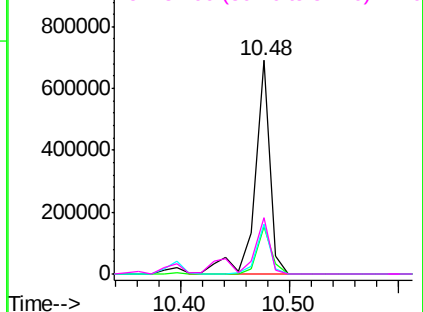
Tgt Ion:	77	Resp:	673777
Ion Ratio	Lower	Upper	
77	100		
182	22.2	1.9	41.9
105	23.6	3.5	43.5
51	26.3	6.3	46.3

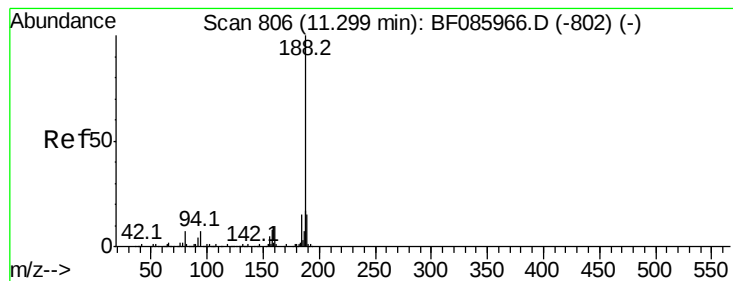
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 803

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

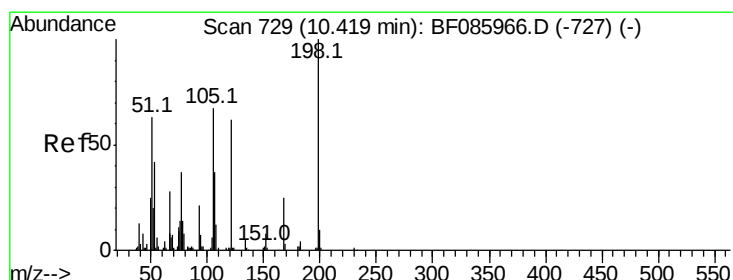
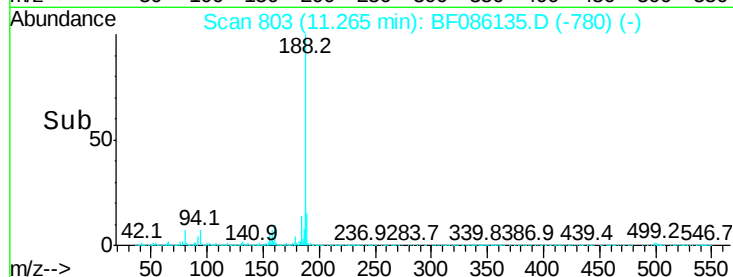
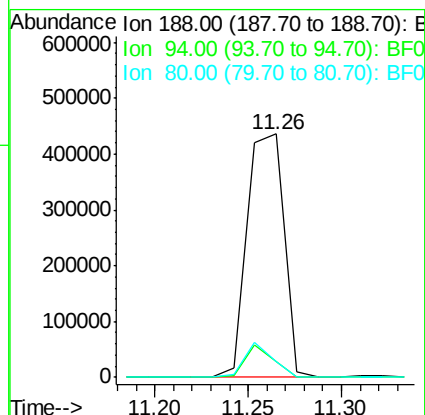
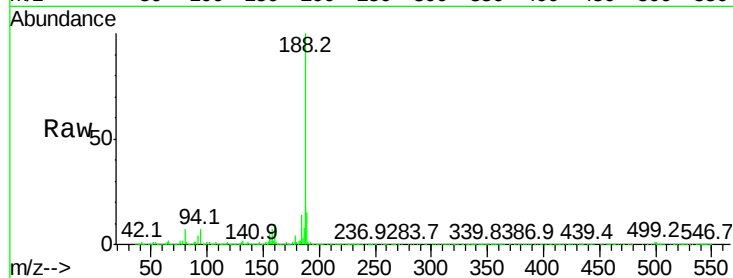
ClientSampleId :

PB89612BS

Tot Ion:188	Resp: 606059
Ion Ratio	Lower Upper
188 100	
94 6.7	5.4 8.0
80 6.7	5.5 8.3

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#64

4,6-Dinitro-2-methylphenol

Concen: 26.37 ng

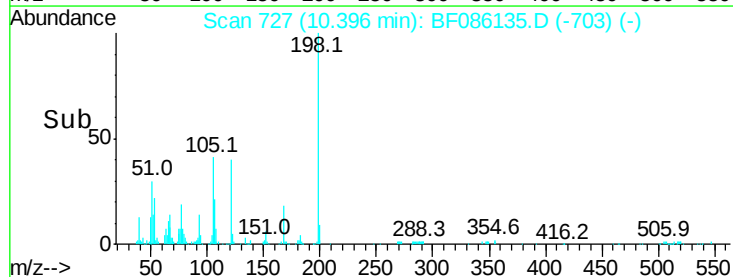
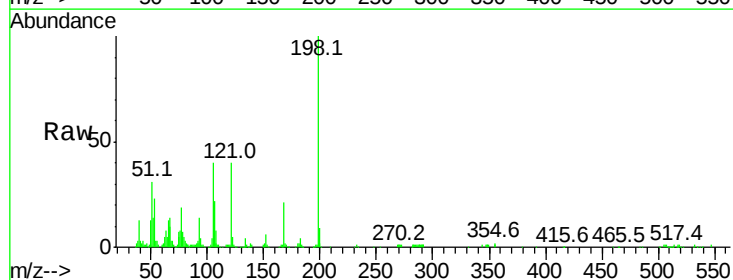
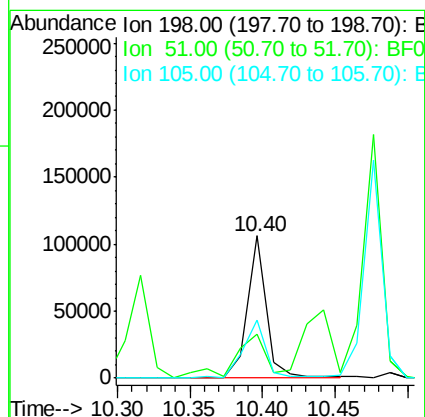
RT: 10.40 min Scan# 727

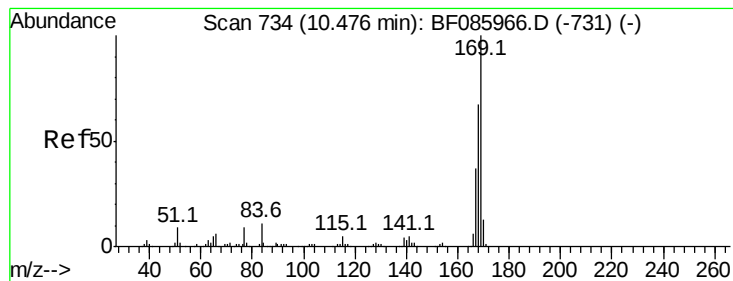
Delta R.T. -0.02 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:198	Resp: 96850
Ion Ratio	Lower Upper
198 100	
51 30.7	45.4 85.4#
105 40.3	45.9 85.9#





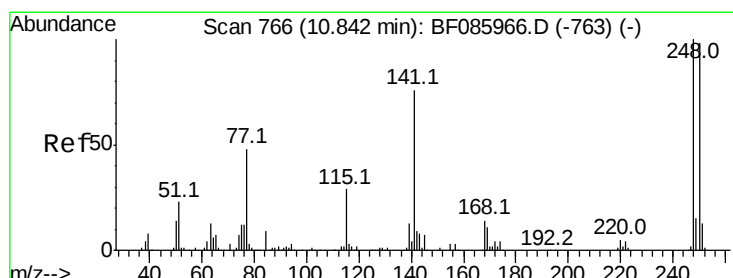
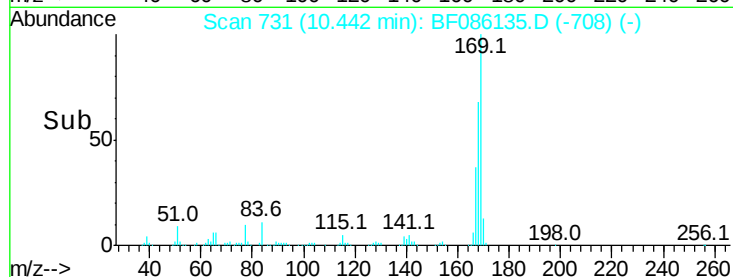
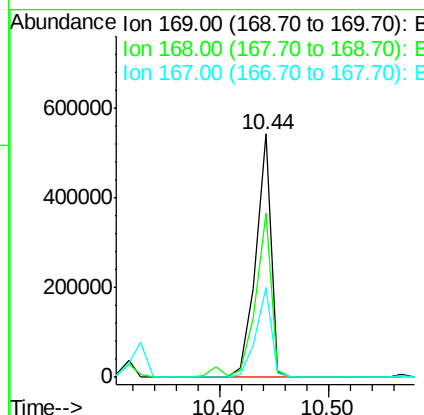
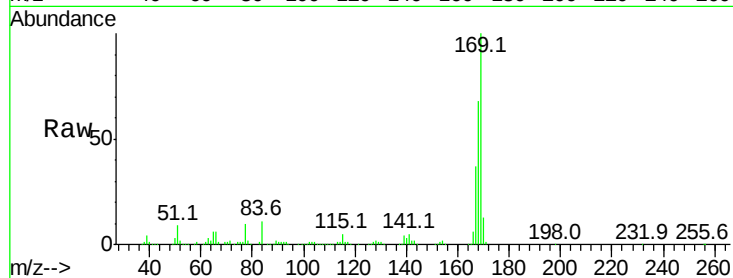
#65
n-Nitrosodiphenylamine
Concen: 28.29 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	67.6	54.4	81.6	
167	37.0	29.4	44.0	

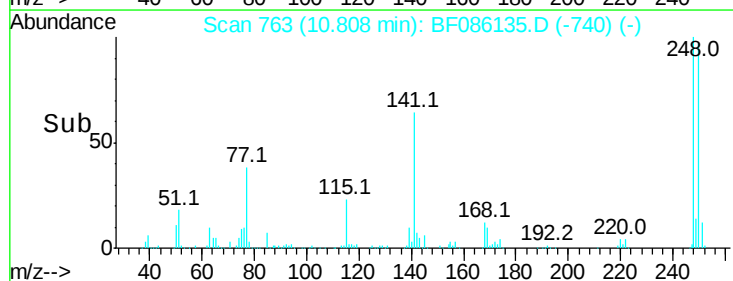
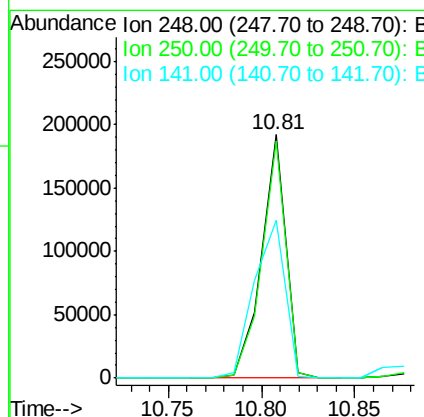
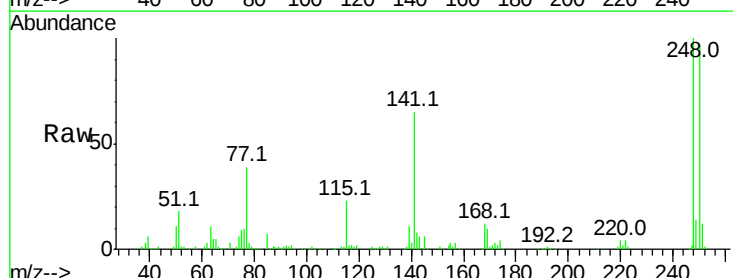
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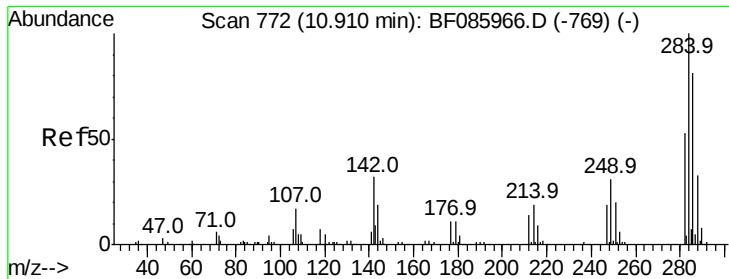
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#66
4-Bromophenyl-phenylether
Concen: 27.85 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	97.2	77.4	116.0	
141	64.9	63.6	95.4	





#67

Hexachlorobenzene

Concen: 28.15 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

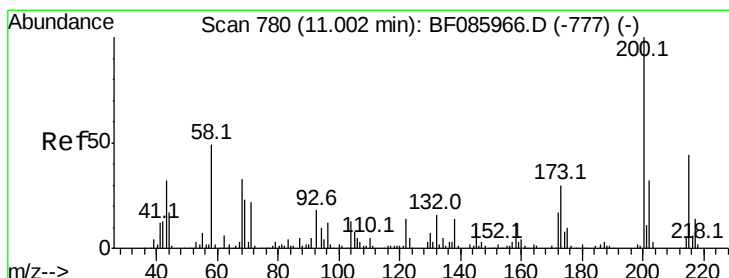
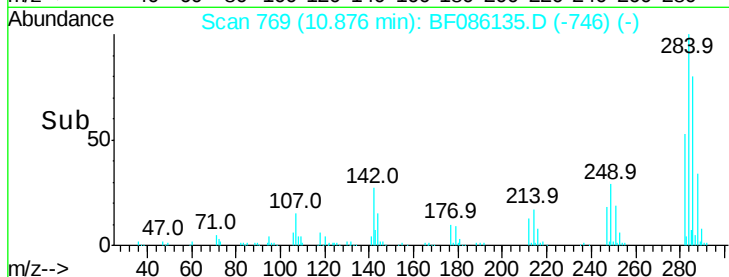
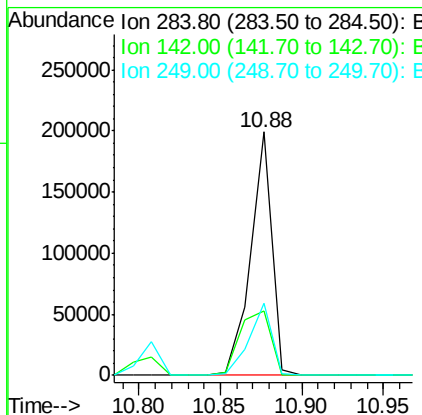
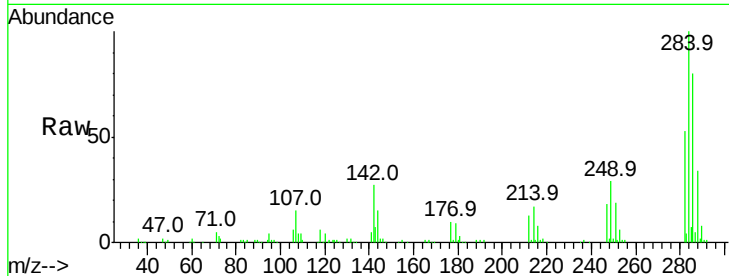
ClientSampleId :

PB89612BS

Tot Ion:	284	Resp:	180092
Ion Ratio	Lower	Upper	
284	100		
142	26.6	23.1	34.7
249	29.4	24.2	36.2

Manual Integrations
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#68

Atrazine

Concen: 23.20 ng

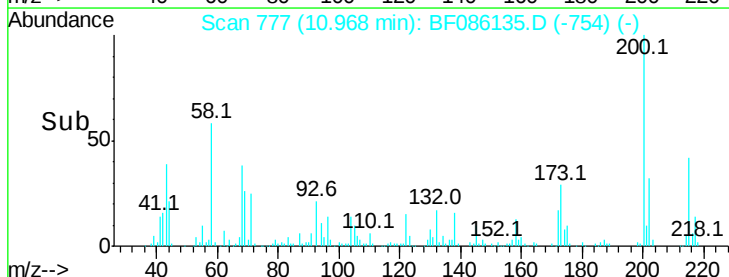
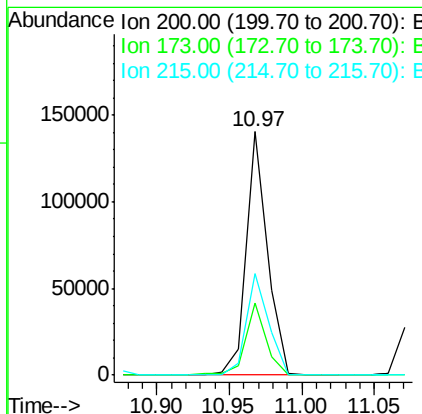
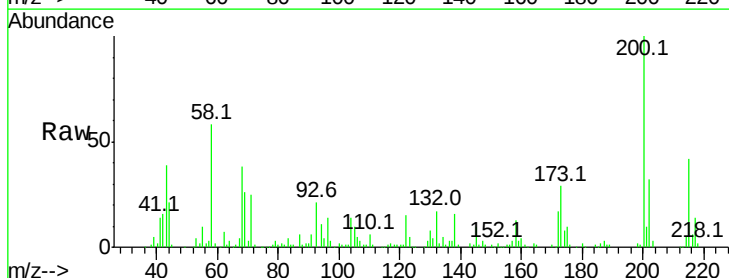
RT: 10.97 min Scan# 777

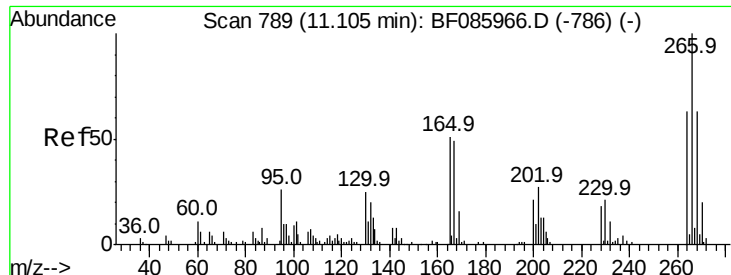
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	200	Resp:	142066
Ion Ratio	Lower	Upper	
200	100		
173	29.4	7.7	47.7
215	41.7	25.4	65.4





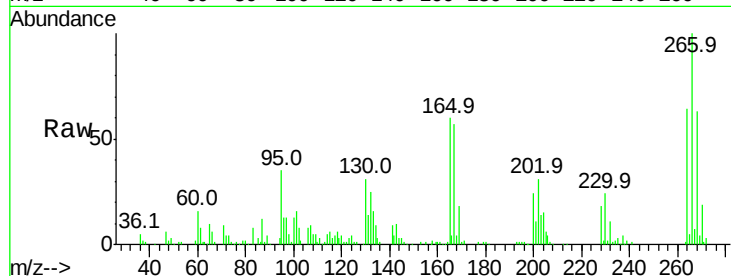
#69
 Pentachlorophenol
 Concen: 50.68 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	151984		
268	62.7	51.5	77.3	
264	63.5	50.6	76.0	

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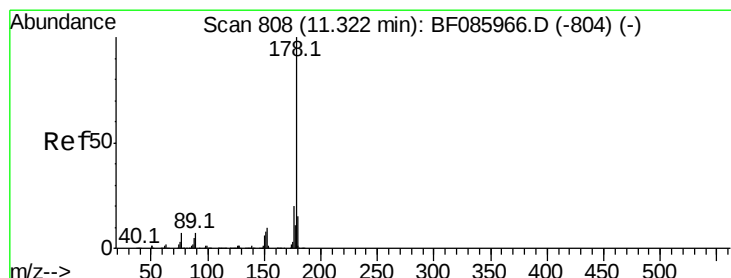
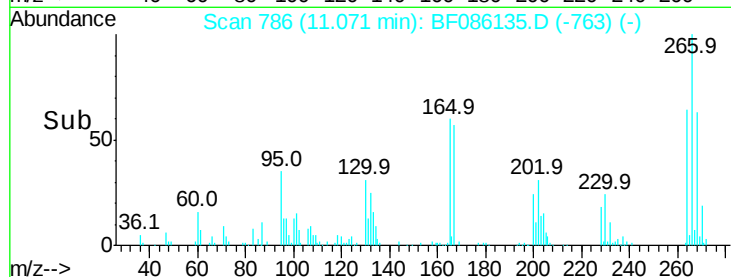
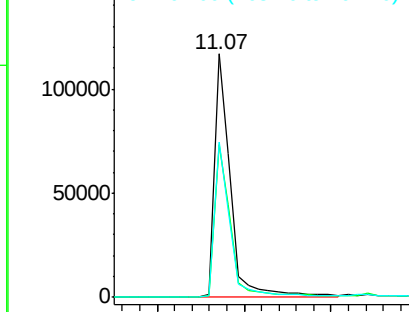


Abundance

Ion 265.70 (265.40 to 266.40): E

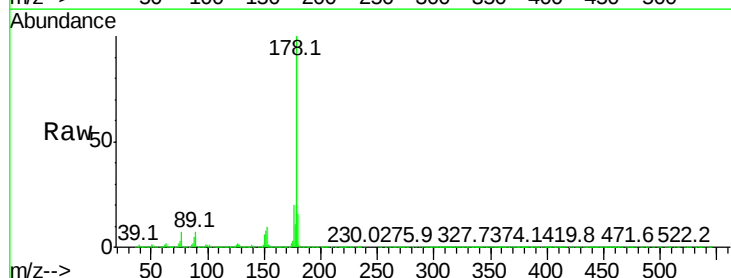
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 27.33 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	903633		
176	20.1	16.3	24.5	
179	15.6	12.6	18.8	

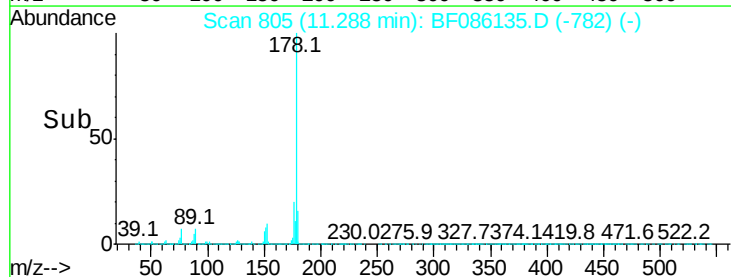
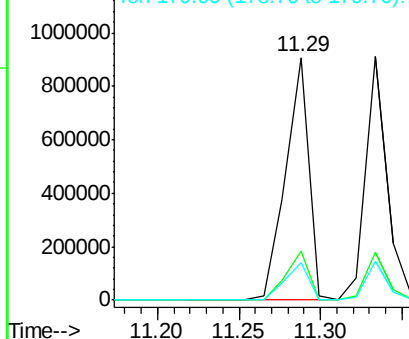


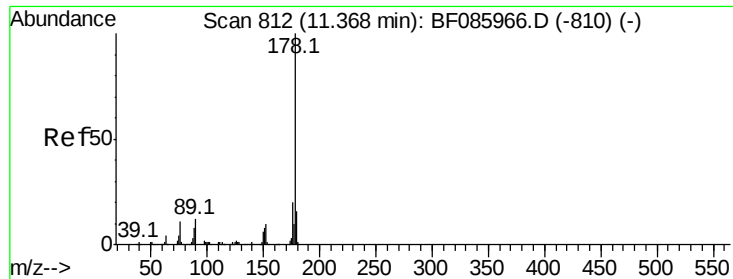
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 24.09 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

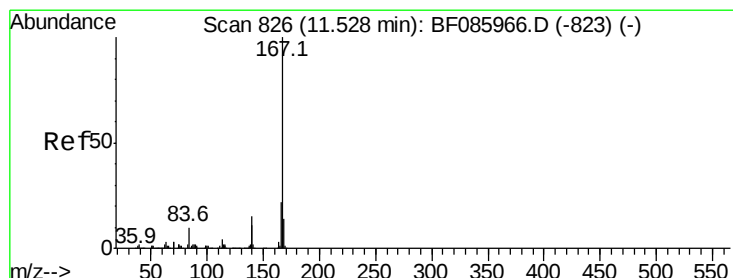
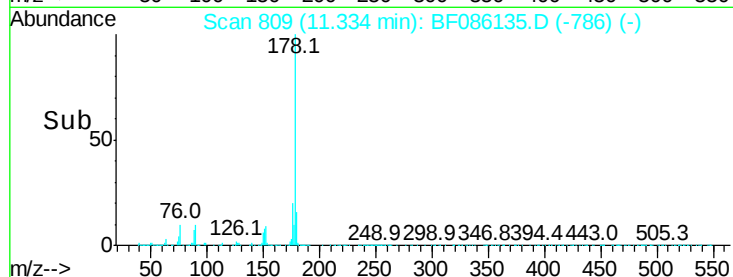
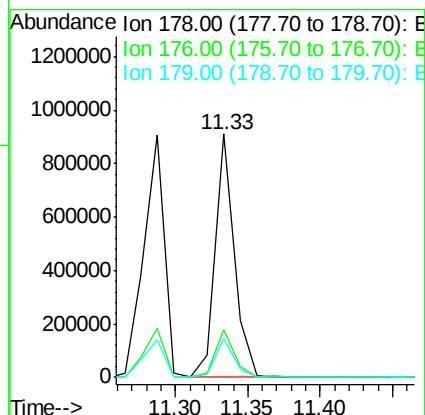
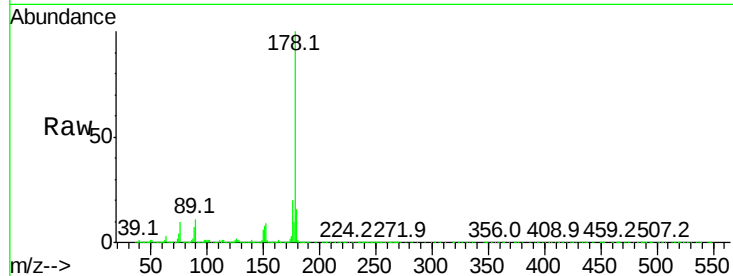
ClientSampleId :

PB89612BS

Tot Ion:	178	Resp:	834434
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.9	23.9
179	16.1	13.0	19.4

Manual Integrations
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#72

Carbazole

Concen: 24.33 ng

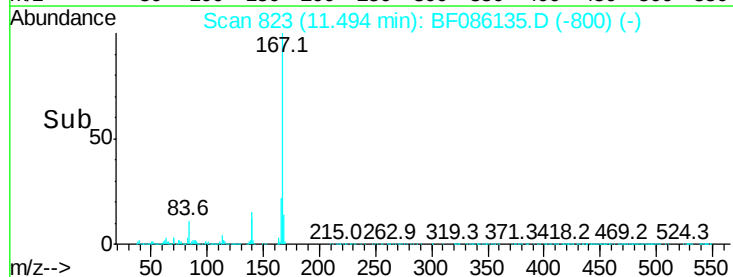
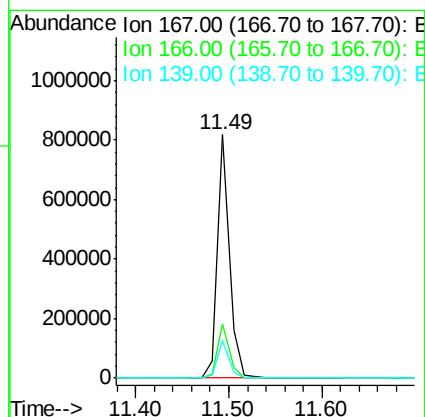
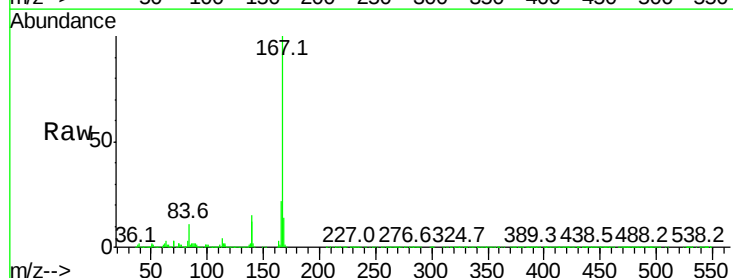
RT: 11.49 min Scan# 823

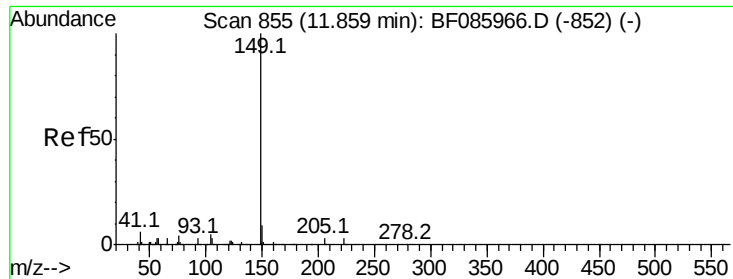
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	167	Resp:	724384
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.8
139	15.3	11.6	17.4





#73

Di-n-butylphthalate

Concen: 27.31 ng

RT: 11.82 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

ClientSampleId :

PB89612BS

Tot Ion:149 Resp: 1007426

Ion Ratio Lower Upper

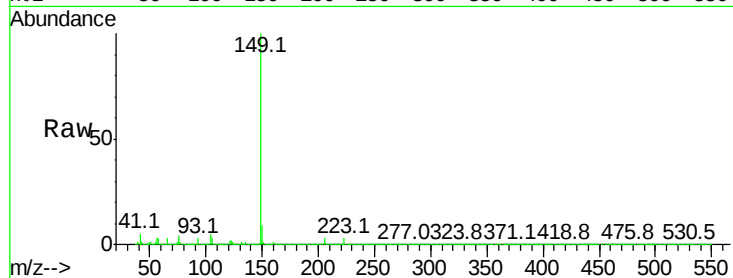
149 100

150 9.4 7.6 11.4

104 4.8 3.8 5.8

Manual Integrations
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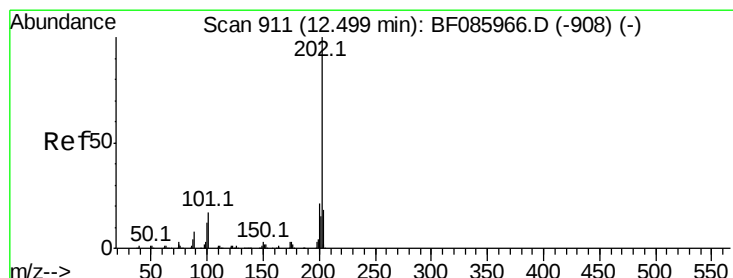
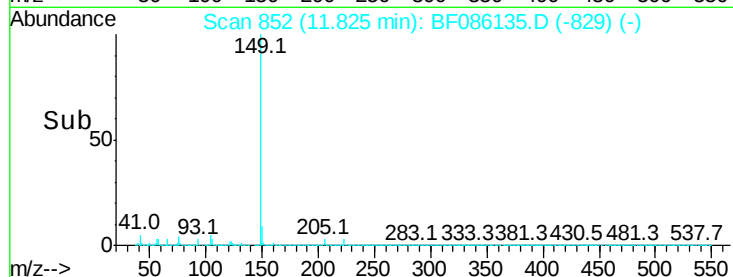
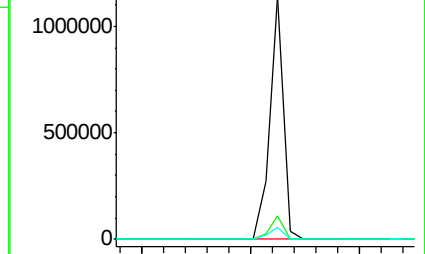
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 24.45 ng

RT: 12.47 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

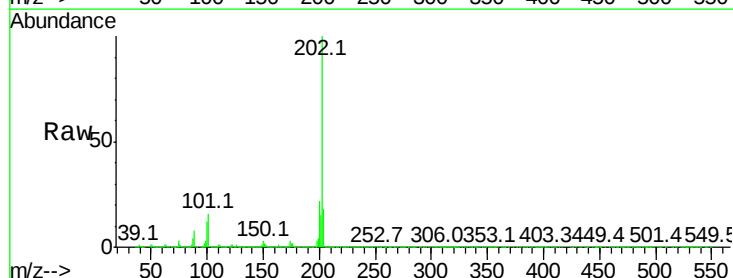
Tgt Ion:202 Resp: 840707

Ion Ratio Lower Upper

202 100

101 15.9 0.0 36.6

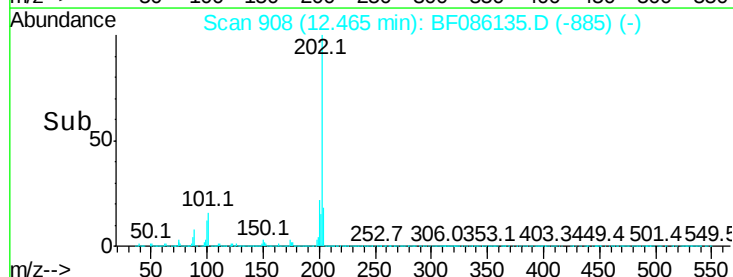
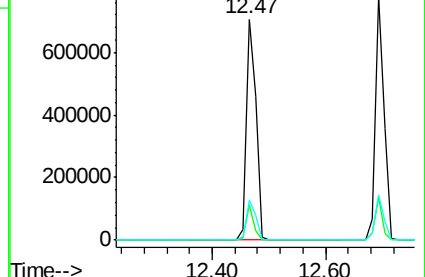
203 18.2 0.0 38.1

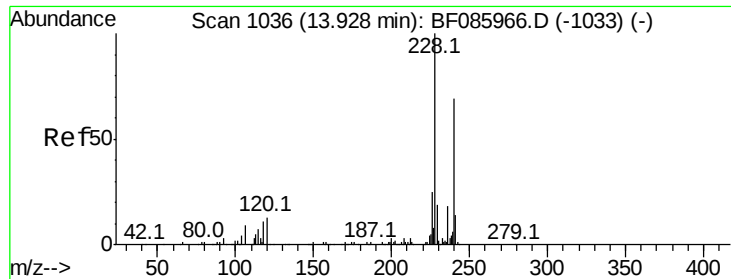


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

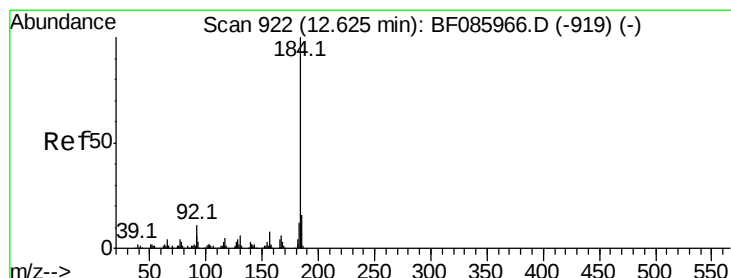
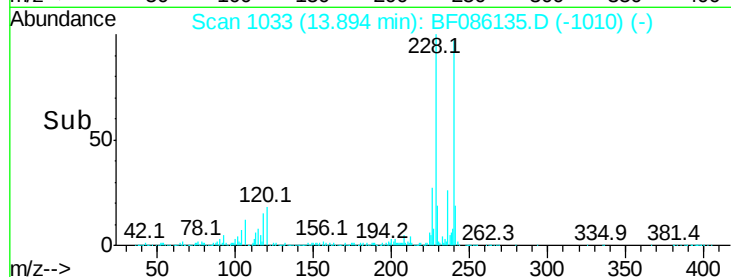
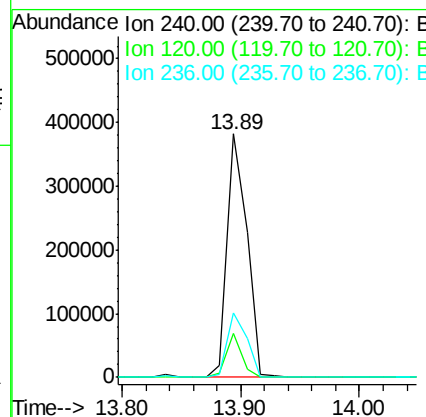
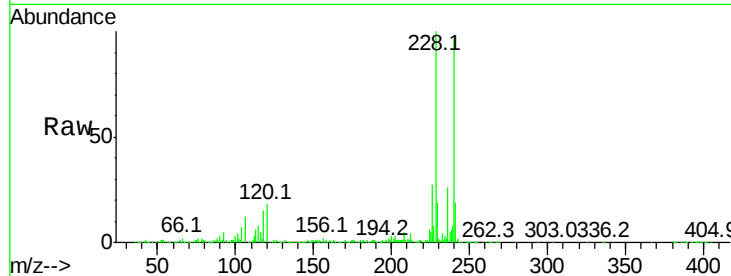
ClientSampleId :

PB89612BS

Tot Ion:	240	Resp:	438223
Ion Ratio	Lower	Upper	
240	100		
120	18.2	13.8	20.8
236	26.4	20.6	30.8

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#76

Benzidine

Concen: 15.06 ng

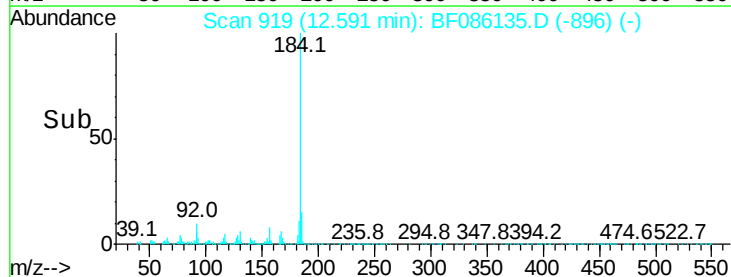
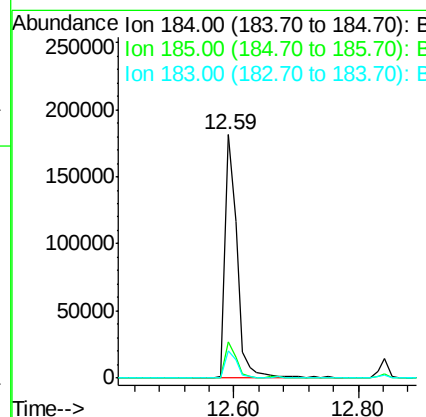
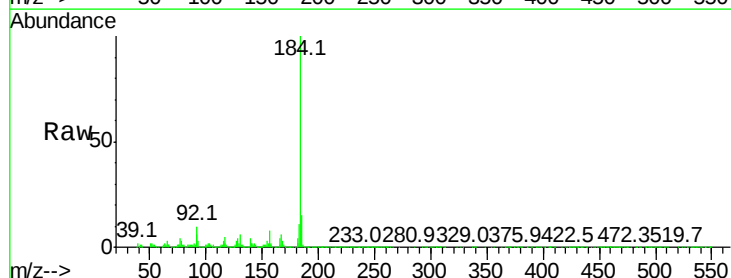
RT: 12.59 min Scan# 919

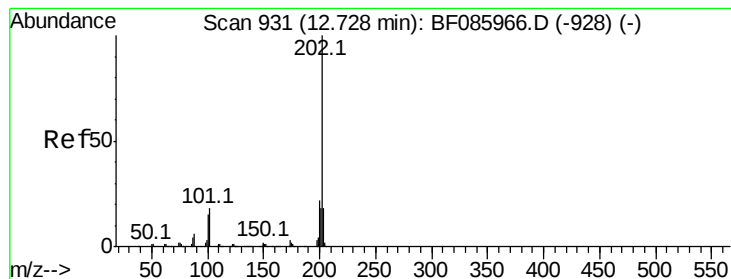
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	184	Resp:	232895
Ion Ratio	Lower	Upper	
184	100		
185	14.8	12.4	18.6
183	11.4	9.4	14.2





#77

Pvrene

Concen: 26.99 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

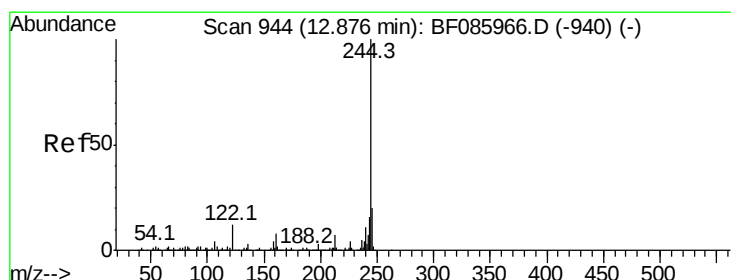
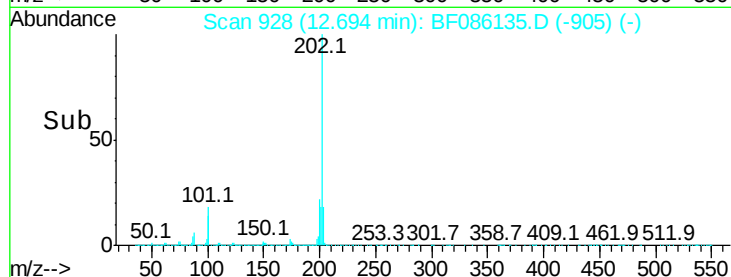
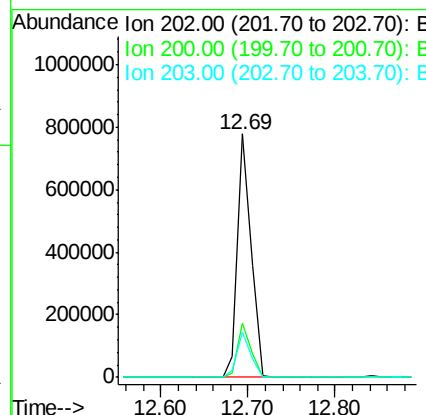
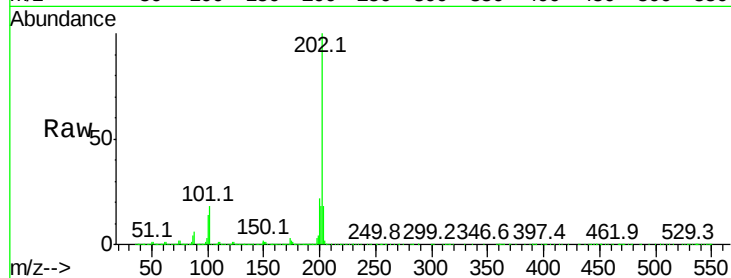
ClientSampleId :

PB89612BS

Tot Ion:	202	Resp:	833516
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.6	26.4
203	18.4	14.0	21.0

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#78

Terphenyl-d14

Concen: 50.26 ng

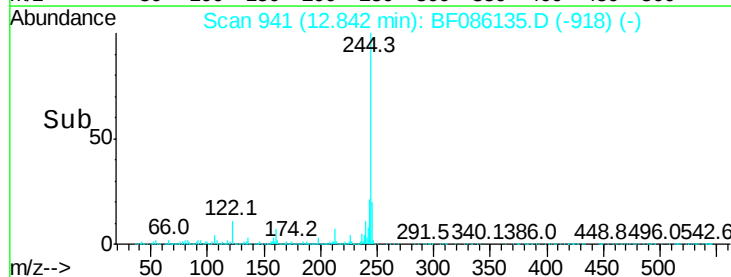
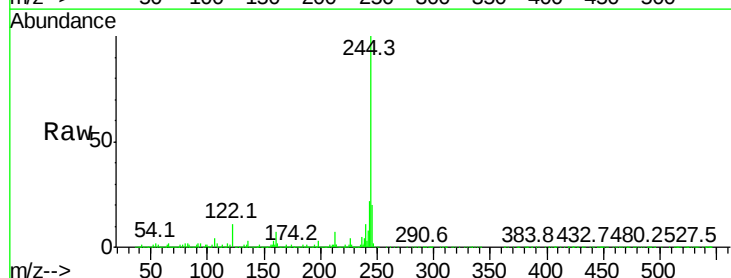
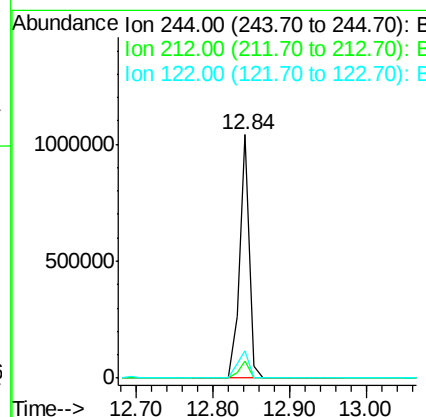
RT: 12.84 min Scan# 941

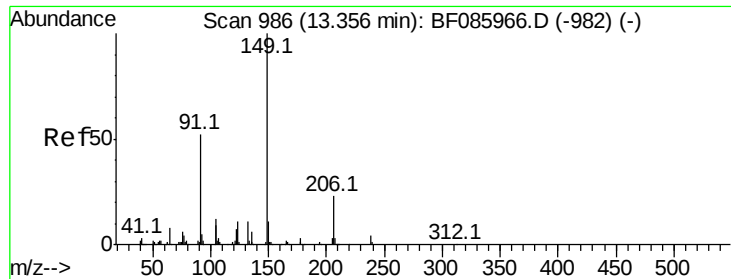
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	244	Resp:	937005
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.1	9.1
122	11.2	10.2	15.4





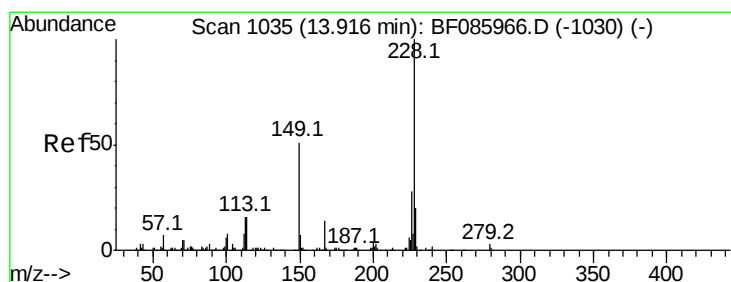
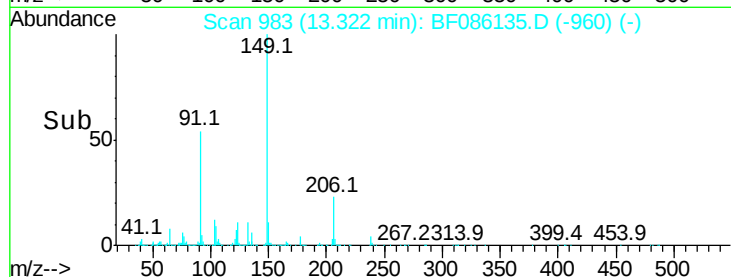
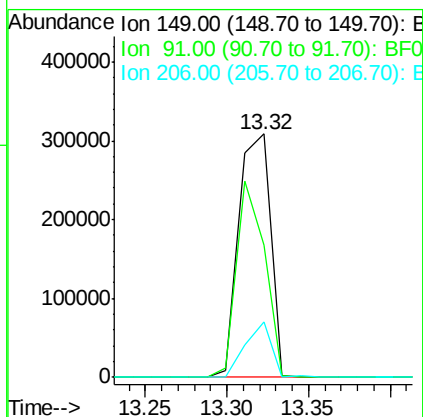
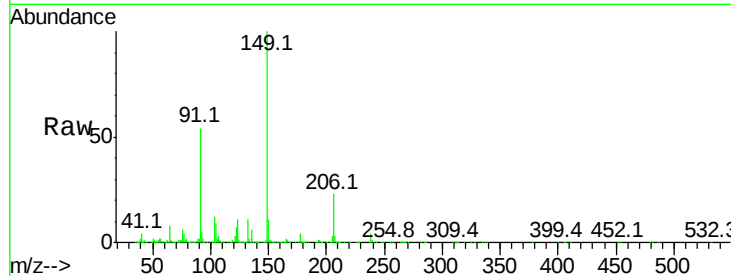
#79
Butylbenzylphthalate
Concen: 29.91 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
149	100		
91	54.3	45.8	68.8
206	23.0	17.8	26.8

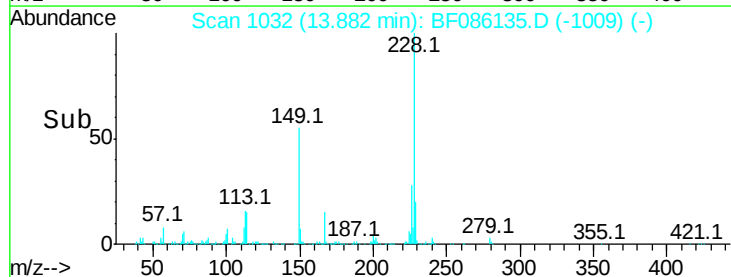
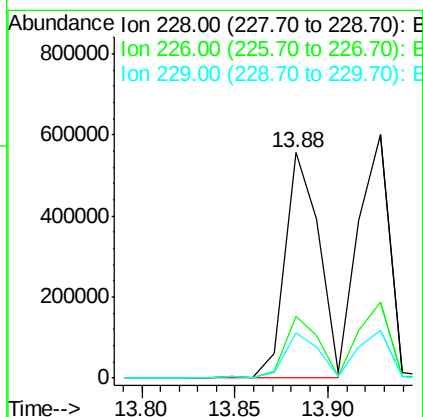
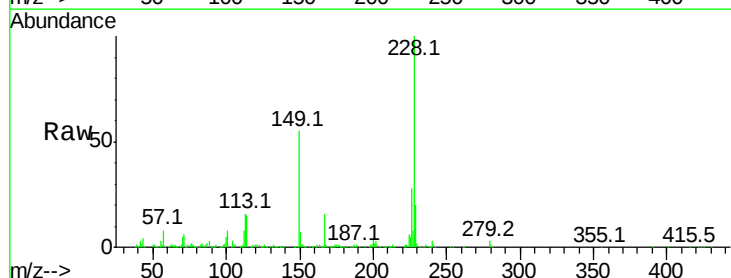
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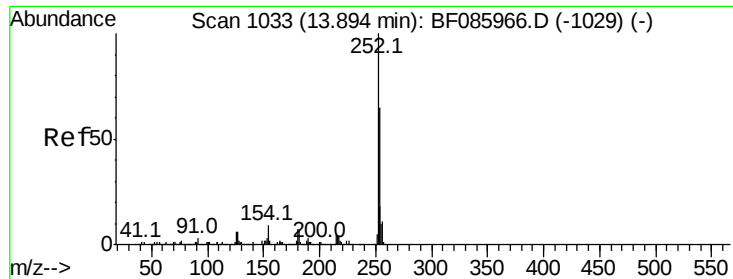
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#80
Benzo(a)anthracene
Concen: 27.28 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.1	33.1
229	20.0	16.2	24.4





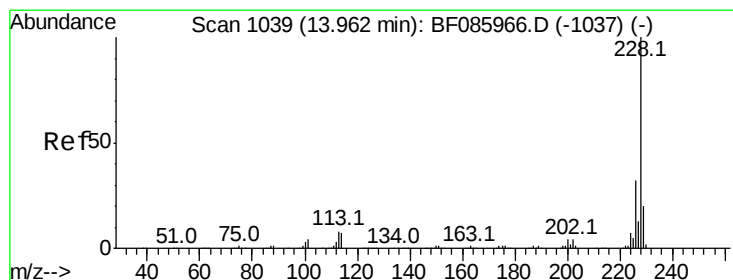
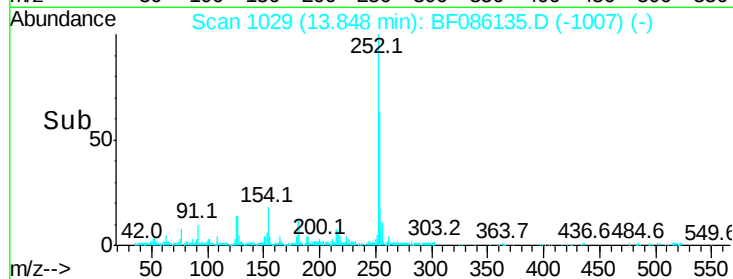
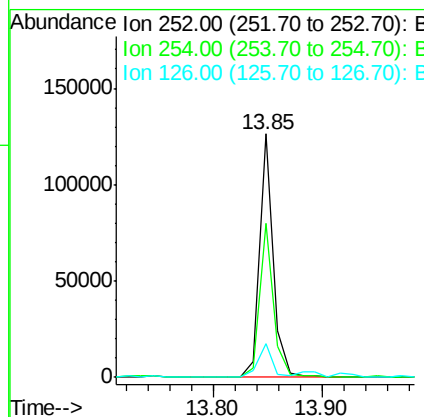
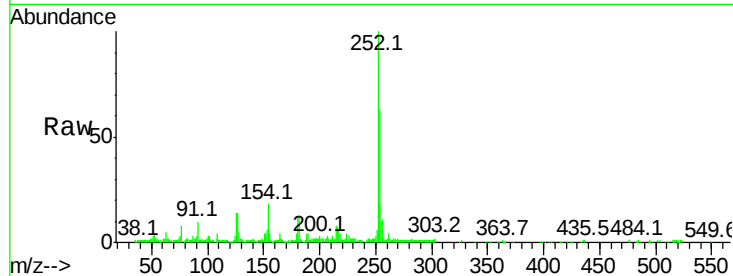
#81
 3,3'-Dichlorobenzidine
 Concen: 5.94 ng
 RT: 13.85 min Scan# 1029
 Delta R.T. -0.05 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.7	76.1
126	14.0	11.8	17.6

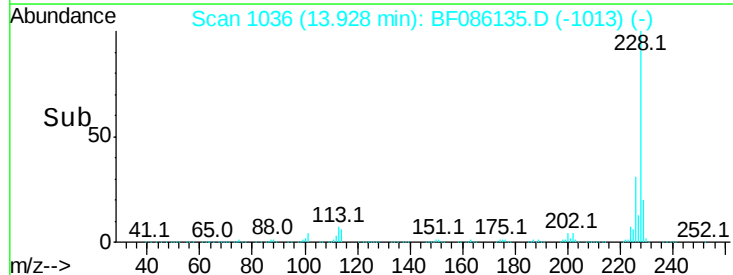
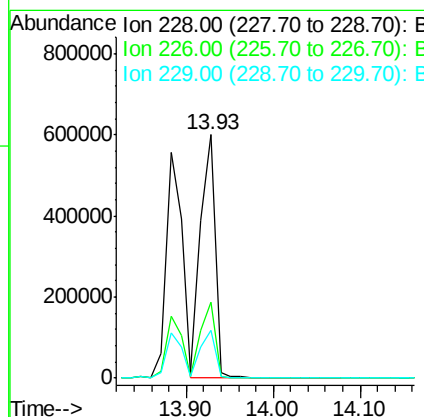
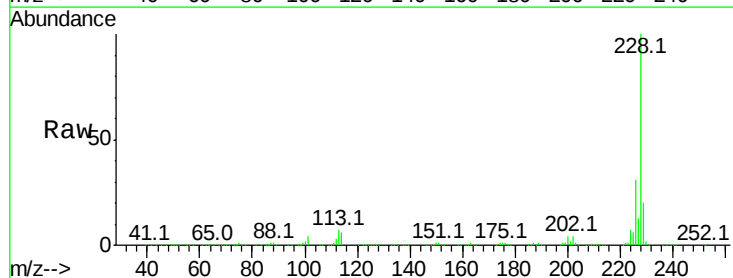
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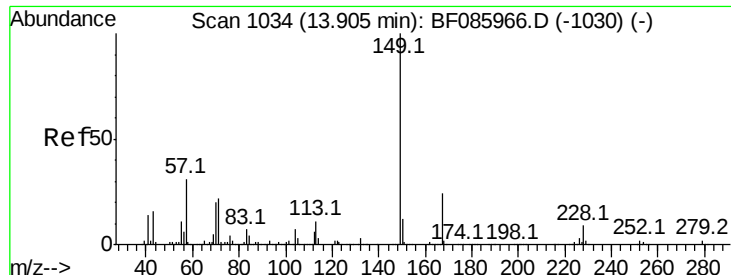
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#82
 Chrysene
 Concen: 28.03 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.03 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	19.5	15.7	23.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 28.77 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Instrument :

BNA_F

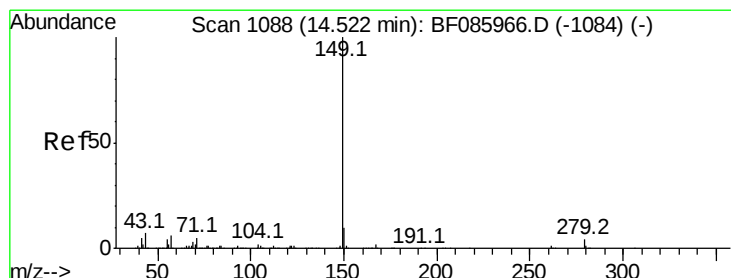
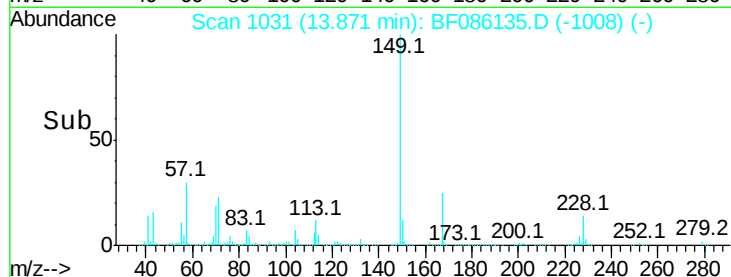
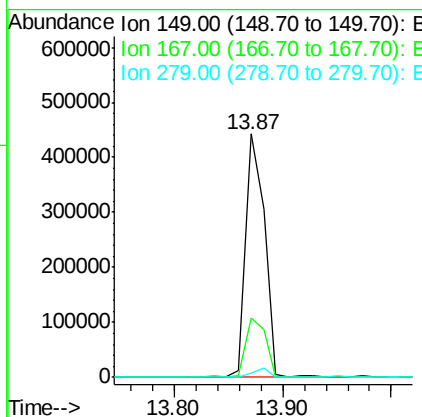
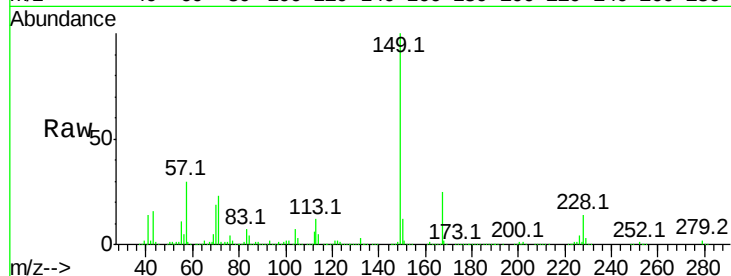
ClientSampleId :

PB89612BS

Tot Ion:	149	Resp:	531001
Ion Ratio	Lower	Upper	
149	100		
167	24.5	19.4	29.2
279	1.9	1.5	2.3

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 30.41 ng

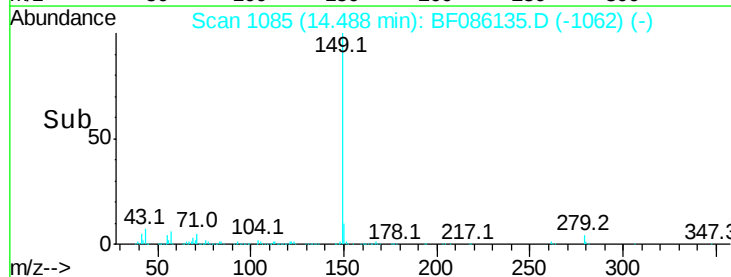
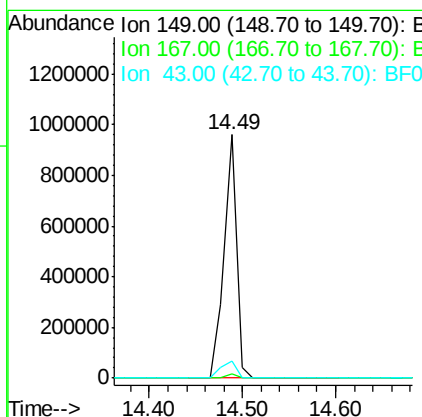
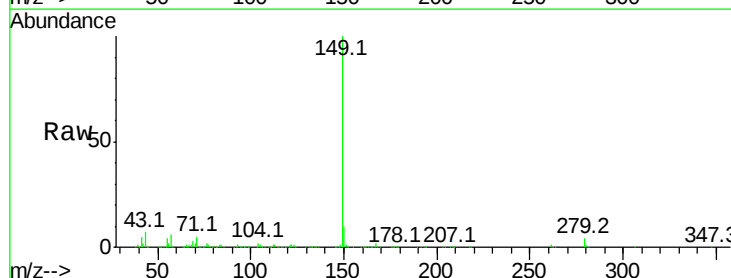
RT: 14.49 min Scan# 1085

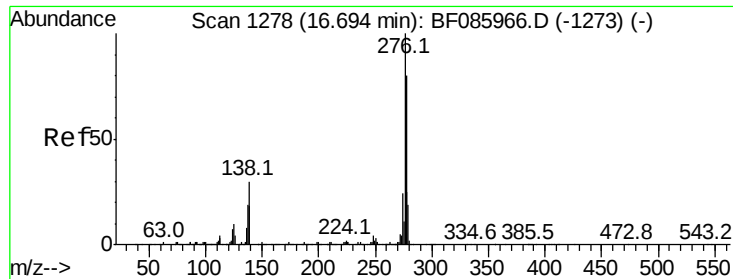
Delta R.T. -0.03 min

Lab File: BF086135.D

Acq: 7 Apr 2016 16:43

Tgt Ion:	149	Resp:	896312
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	8.4	7.1	10.7





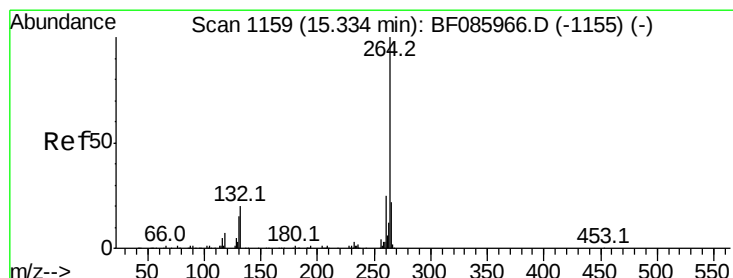
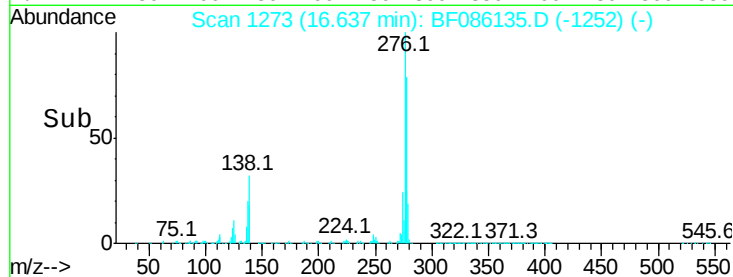
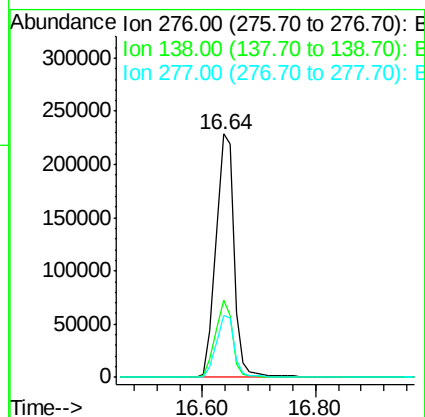
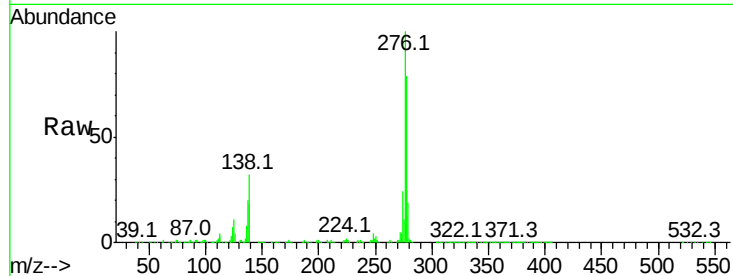
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 25.19 ng
 RT: 16.64 min Scan# 1273
 Delta R.T. -0.06 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion:	276	Resp:	508466
Ion Ratio	Lower	Upper	
276	100		
138	30.2	24.2	36.4
277	25.1	20.0	30.0

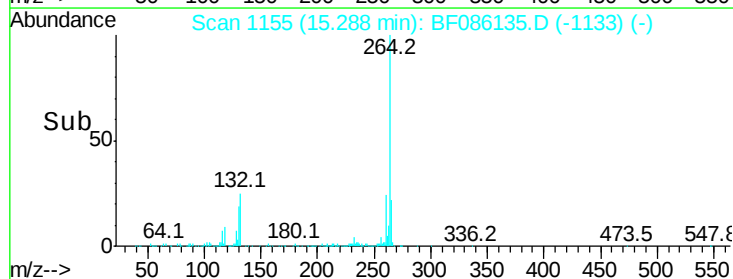
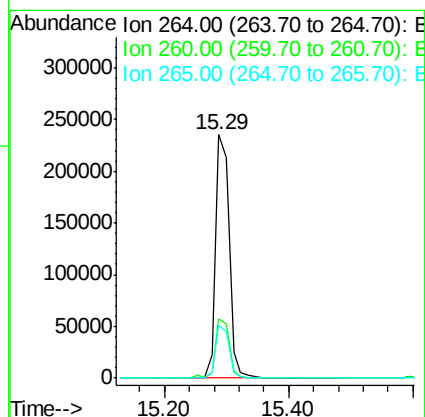
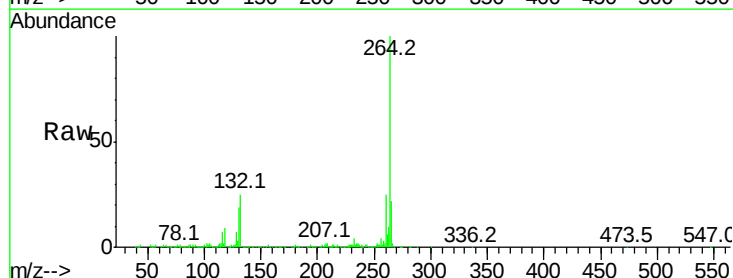
Manual Integrations
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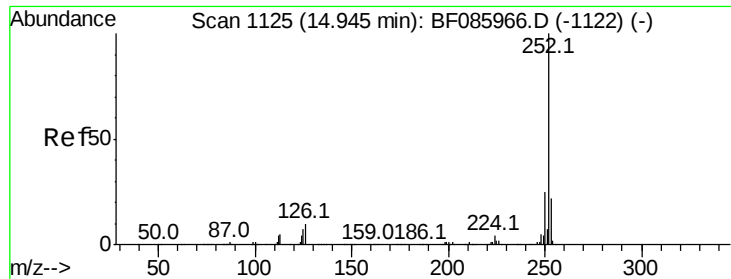
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.05 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Tgt Ion:	264	Resp:	350188
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.4	29.2
265	21.6	17.2	25.8





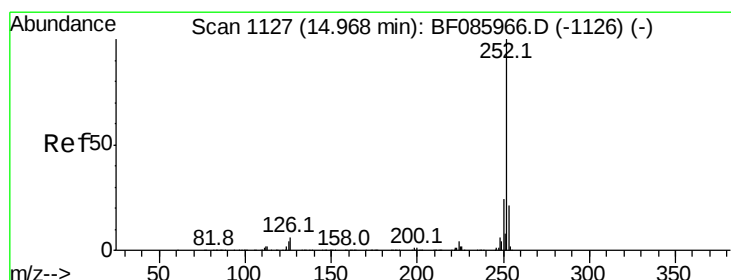
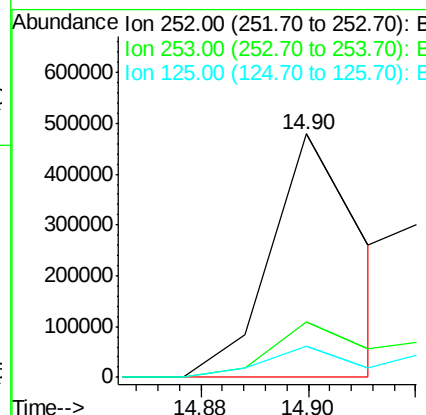
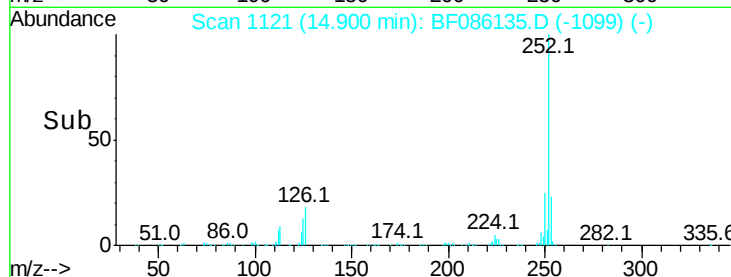
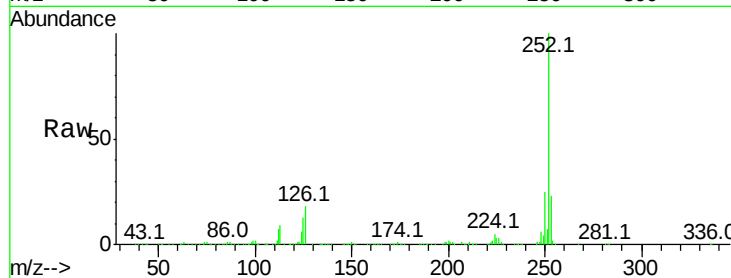
#87
Benzo(b)fluoranthene
Concen: 25.61 ng m
RT: 14.90 min Scan# 1121
Delta R.T. -0.05 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	12.9	10.3	15.5

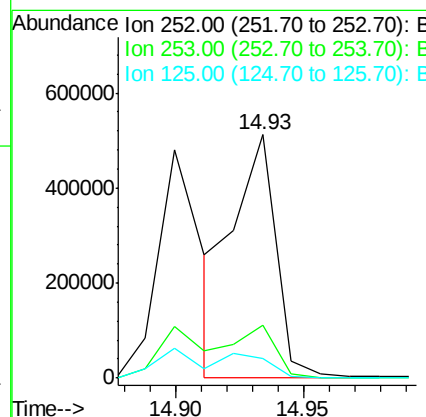
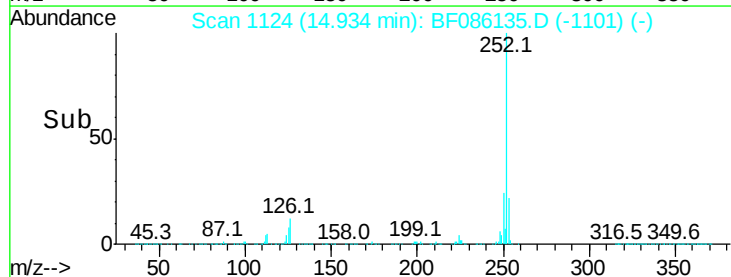
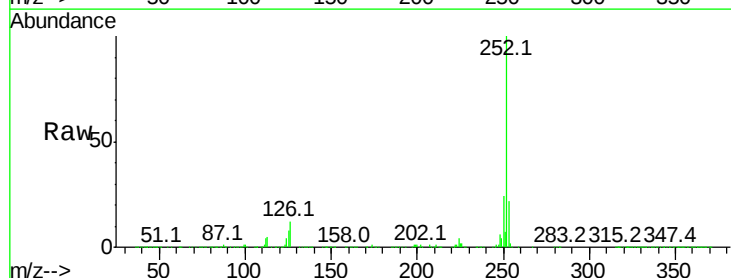
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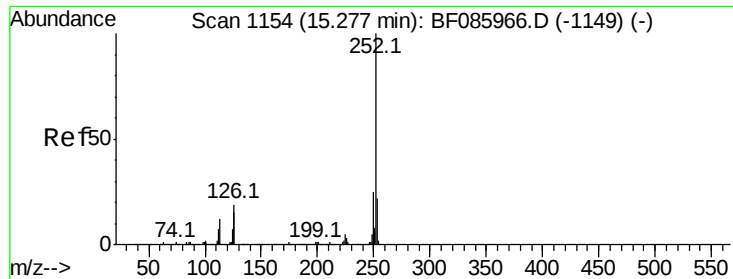
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#88
Benzo(k)fluoranthene
Concen: 30.64 ng m
RT: 14.93 min Scan# 1124
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	7.9	7.7	11.5





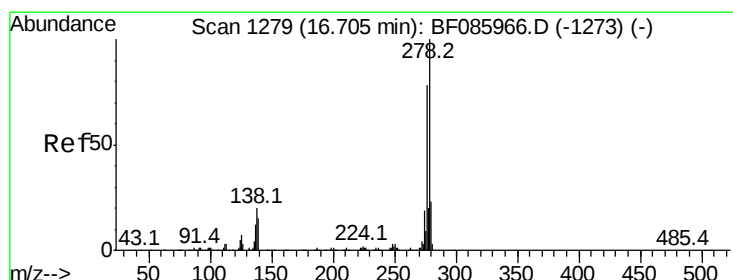
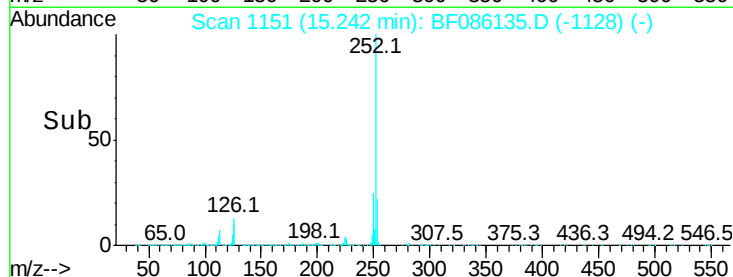
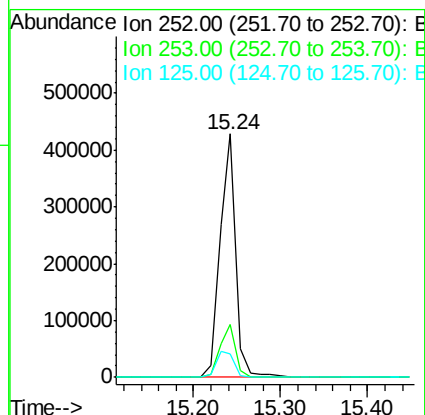
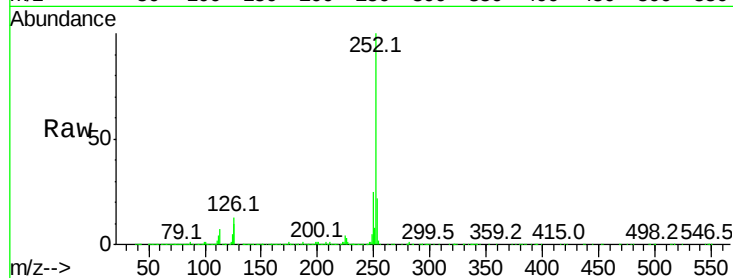
#89
Benzo(a)pyrene
Concen: 27.75 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.03 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Instrument :
BNA_F
ClientSampleId :
PB89612BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.0
125	9.8	10.3	15.5

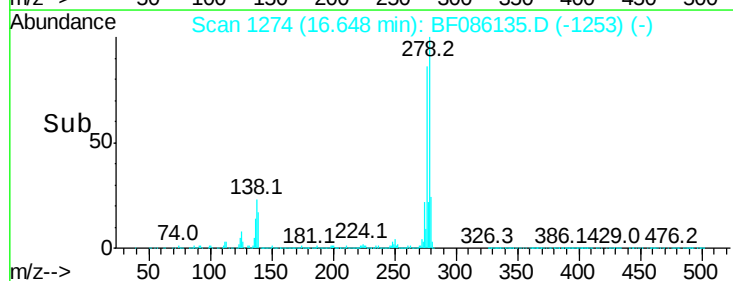
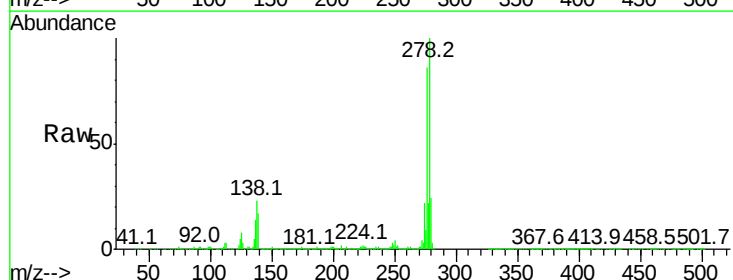
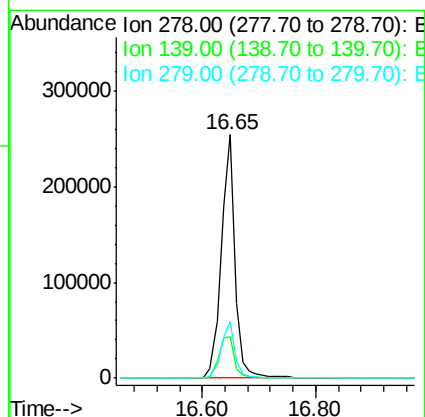
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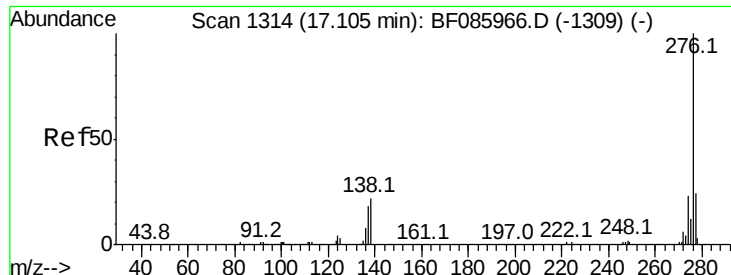
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#90
Dibenzo(a,h)anthracene
Concen: 27.28 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.06 min
Lab File: BF086135.D
Acq: 7 Apr 2016 16:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.8	14.4	21.6
279	23.5	19.1	28.7





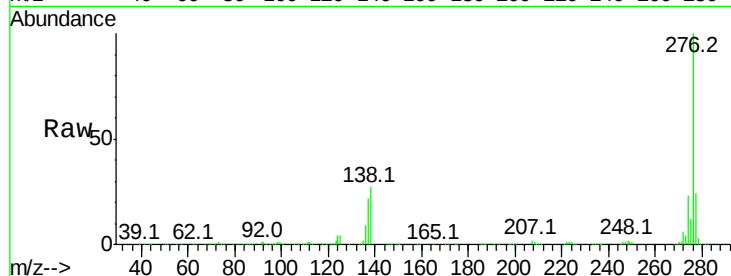
#91
 Benzo(a,h,i)perylene
 Concen: 27.52 ng
 RT: 17.04 min Scan# 1308
 Delta R.T. -0.07 min
 Lab File: BF086135.D
 Acq: 7 Apr 2016 16:43

Instrument :
 BNA_F
 ClientSampleId :
 PB89612BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	418254		
277	23.7		18.8	28.2
138	26.9		22.6	34.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

