

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040816\
 Data File : BF086172.D
 Acq On : 8 Apr 2016 17:06
 Operator : UM/SJ
 Sample : PB89669TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Manual Integrations
 APPROVED

Sohil
 4/11/2016 5:45:12 PM

Quant Time: Apr 09 00:08:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	118523	20.00	ng	-0.05
21) Naphthalene-d8	8.02	136	485466	20.00	ng	-0.05
38) Acenaphthene-d10	9.77	164	233486	20.00	ng	-0.05
63) Phenanthrene-d10	11.25	188	435255	20.00	ng	-0.05
75) Chrysene-d12	13.88	240	312473	20.00	ng	-0.05
86) Perylene-d12	15.28	264	246573	20.00	ng	-0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	583234	84.11	ng	-0.03
7) Phenol-d6	6.37	99	733800	83.32	ng	-0.05
23) Nitrobenzene-d5	7.30	82	628699	76.37	ng	-0.05
41) 2,4,6-Tribromophenol	10.56	330	170105	77.62	ng	-0.05
44) 2-Fluorobiphenyl	9.09	172	1192367	84.91	ng	-0.05
78) Terphenyl-d14	12.83	244	1036822	78.00	ng	-0.05

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	108223	32.92	ng	98
3) Pyridine	3.00	79	311062	42.27	ng	100
4) n-Nitrosodimethylamine	2.97	42	127420	39.37	ng	100
6) Aniline	6.40	93	181569	15.71	ng	# 17
8) 2-Chlorophenol	6.51	128	309687	37.45	ng	92
9) Benzaldehyde	6.28	77	102155	21.56	ng	92
10) Phenol	6.40	94	368665	36.70	ng	93
11) bis(2-Chloroethyl)ether	6.46	93	287620m	36.15	ng	
12) 1,3-Dichlorobenzene	6.67	146	321096	36.64	ng	99
13) 1,4-Dichlorobenzene	6.74	146	329033	36.44	ng	99
14) 1,2-Dichlorobenzene	6.90	146	302247	36.37	ng	99
15) Benzyl Alcohol	6.89	79	236575	41.52	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.01	45	334386	34.41	ng	73
17) 2-Methylphenol	7.00	107	257695	39.52	ng	96
18) Hexachloroethane	7.23	117	120520	36.29	ng	# 85
19) n-Nitroso-di-n-propylamine	7.15	70	207734	38.05	ng	95
20) 3+4-Methylphenols	7.16	107	340101	42.89	ng	# 62
22) Acetophenone	7.15	105	432791	37.92	ng	# 89
24) Nitrobenzene	7.32	77	340526	37.81	ng	# 87
25) Isophorone	7.56	82	622153	38.29	ng	95
26) 2-Nitrophenol	7.64	139	172104	39.94	ng	92
27) 2,4-Dimethylphenol	7.69	122	313409	40.50	ng	94
28) bis(2-Chloroethoxy)methane	7.77	93	366506	38.44	ng	98
29) 2,4-Dichlorophenol	7.88	162	262656	40.14	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	277095	37.73	ng	95
31) Naphthalene	8.03	128	887832	36.36	ng	99
32) Benzoic acid	7.84	122	184148	32.43	ng	96
33) 4-Chloroaniline	8.10	127	76667	7.77	ng	97
34) Hexachlorobutadiene	8.16	225	144895	36.70	ng	99
35) Caprolactam	8.48	113	87002m	41.92	ng	
36) 4-Chloro-3-methylphenol	8.59	107	278626	37.88	ng	96
37) 2-Methylnaphthalene	8.73	142	614807	38.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	257732	36.73	ng	100
40) Hexachlorocyclopentadiene	8.88	237	165045	68.96	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	168090	37.30	nq	99
43) 2,4,5-Trichlorophenol	9.06	196	177606	38.82	nq	# 85
45) 1,1'-Biphenyl	9.20	154	729512	36.24	nq	95
46) 2-Chloronaphthalene	9.22	162	570534	39.09	nq	98
47) 2-Nitroaniline	9.32	65	175530	41.11	nq	96
48) Acenaphthylene	9.63	152	890146	38.08	nq	99
49) Dimethylphthalate	9.50	163	681702	39.39	nq	98
50) 2,6-Dinitrotoluene	9.56	165	130875	35.74	nq	93
51) Acenaphthene	9.80	154	536443	38.58	nq	99
52) 3-Nitroaniline	9.73	138	62793	14.23	nq	97
53) 2,4-Dinitrophenol	9.86	184	131621	60.18	nq	# 68
54) Dibenzofuran	9.97	168	734724	40.01	nq	99
55) 4-Nitrophenol	9.92	139	152915	58.78	nq	86
56) 2,4-Dinitrotoluene	9.97	165	169406	36.62	nq	# 51
57) Fluorene	10.32	166	613972	39.14	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.10	232	139787	41.03	nq	98
59) Diethylphthalate	10.19	149	638794	36.57	nq	96
60) 4-Chlorophenyl-phenylether	10.30	204	269100	36.83	nq	100
61) 4-Nitroaniline	10.35	138	141380	32.53	nq	90
62) Azobenzene	10.46	77	686792	41.05	nq	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	98252	37.25	nq	# 77
65) n-Nitrosodiphenylamine	10.43	169	531453	39.04	nq	98
66) 4-Bromophenyl-phenylether	10.80	248	183788	41.36	nq	94
67) Hexachlorobenzene	10.86	284	191430	41.66	nq	97
68) Atrazine	10.96	200	159359	36.23	nq	96
69) Pentachlorophenol	11.07	266	140064	65.04	nq	98
70) Phenanthrene	11.28	178	927533	39.06	nq	100
71) Anthracene	11.32	178	855926	34.41	nq	100
72) Carbazole	11.48	167	743558	34.78	nq	99
73) Di-n-butylphthalate	11.81	149	1012979	38.23	nq	100
74) Fluoranthene	12.45	202	859917	34.82	nq	100
76) Benzidine	12.59	184	147830	13.41	nq	97
77) Pyrene	12.68	202	846502	38.44	nq	98
79) Butylbenzylphthalate	13.31	149	426080	42.97	nq	95
80) Benzo(a)anthracene	13.87	228	716768	38.91	nq	100
81) 3,3'-Dichlorobenzidine	13.84	252	124658	9.27	nq	99
82) Chrysene	13.92	228	692264	39.02	nq	100
83) Bis(2-ethylhexyl)phthalate	13.86	149	547467	41.60	nq	99
84) Di-n-octyl phthalate	14.48	149	971826	46.25	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	531177	36.90	nq	99
87) Benzo(b)fluoranthene	14.89	252	579372m	37.35	nq	
88) Benzo(k)fluoranthene	14.91	252	588906m	42.87	nq	
89) Benzo(a)pyrene	15.22	252	550105	40.03	nq	97
90) Dibenzo(a,h)anthracene	16.63	278	449125	40.62	nq	98
91) Benzo(g,h,i)perylene	17.01	276	436681	40.81	nq	96

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

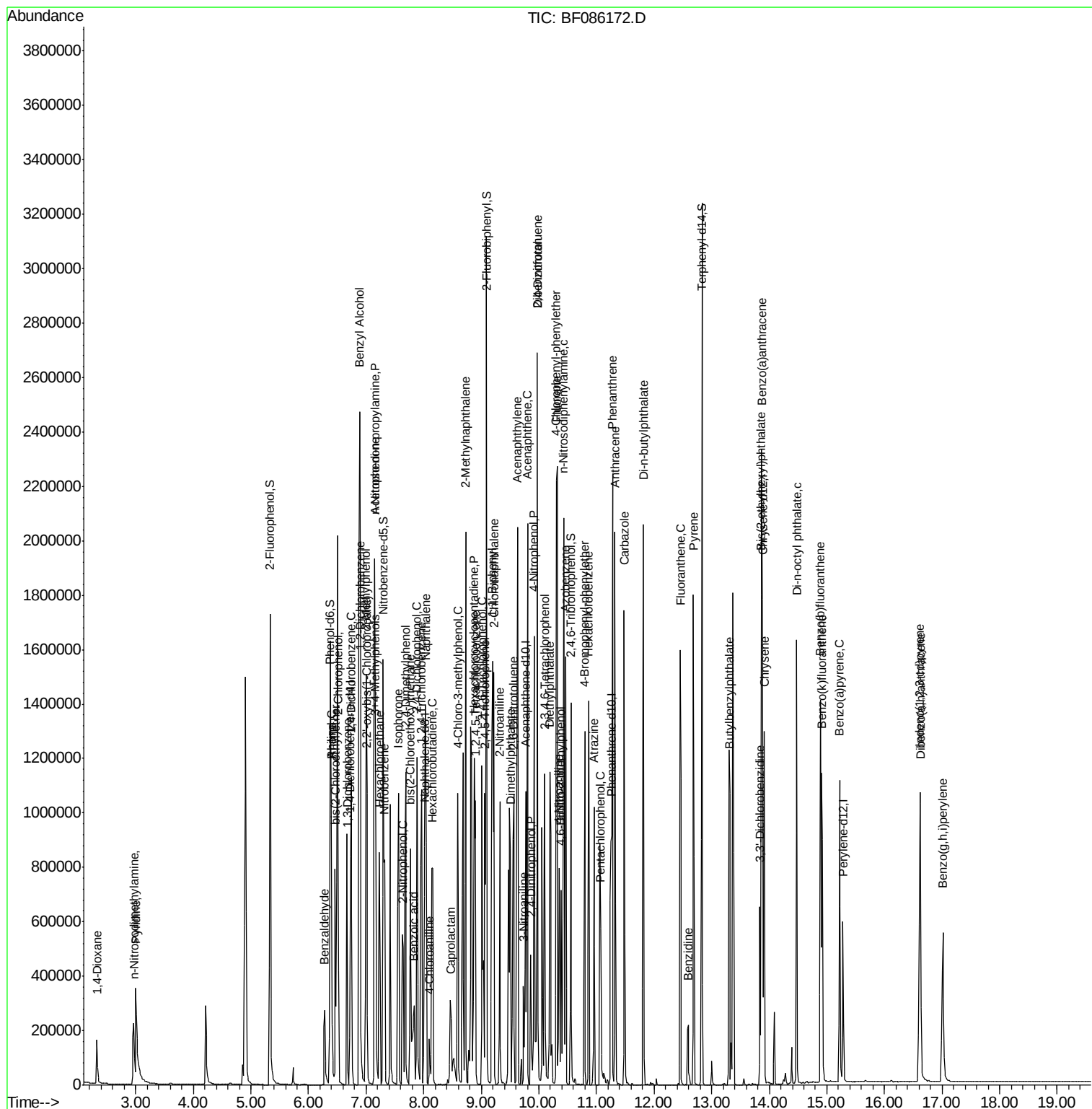
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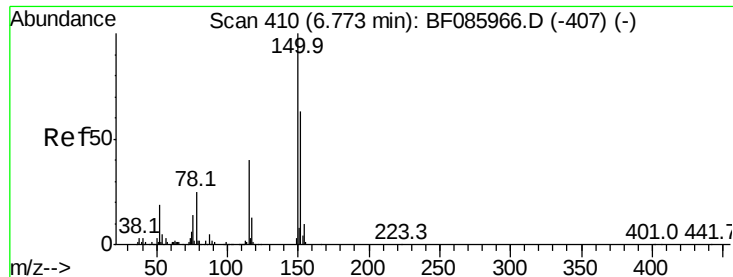
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

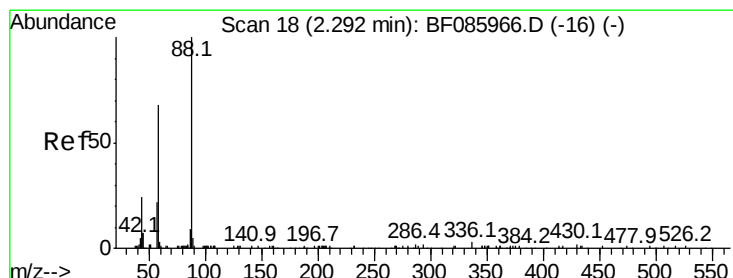
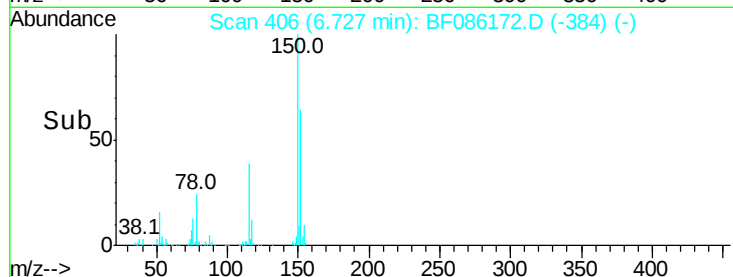
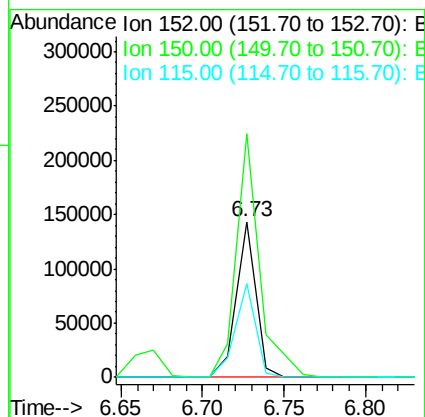
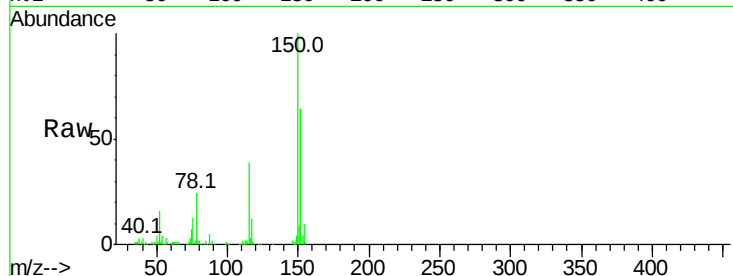
PB89669TB

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Tot Ion:	152	Resp:	118523
Ion Ratio	Lower	Upper	
152	100		
150	156.2	124.2	186.2
115	60.5	47.0	70.6



#2

1,4-Dioxane

Concen: 32.92 ng

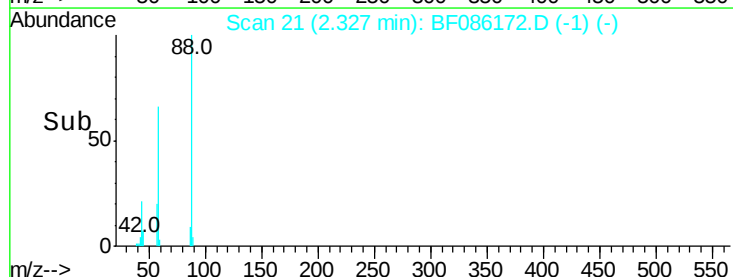
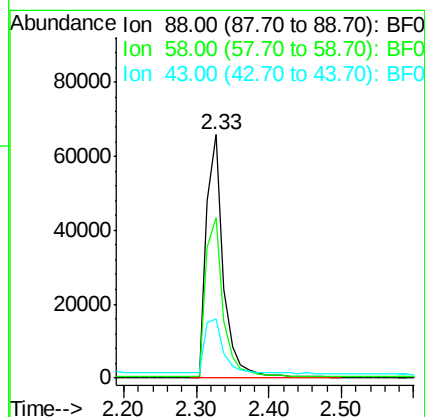
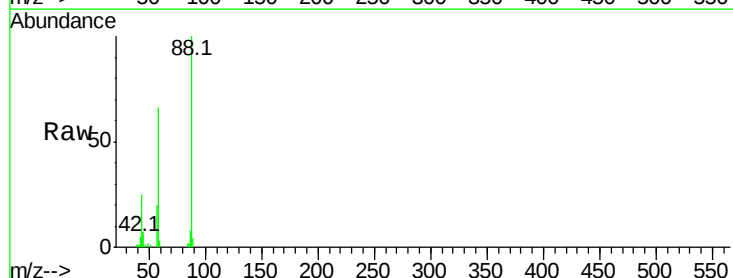
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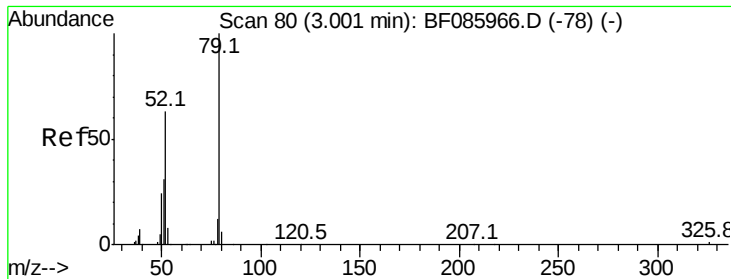
Delta R.T. 0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	88	Resp:	108223
Ion Ratio	Lower	Upper	
88	100		
58	66.0	54.2	81.2
43	24.0	19.3	28.9





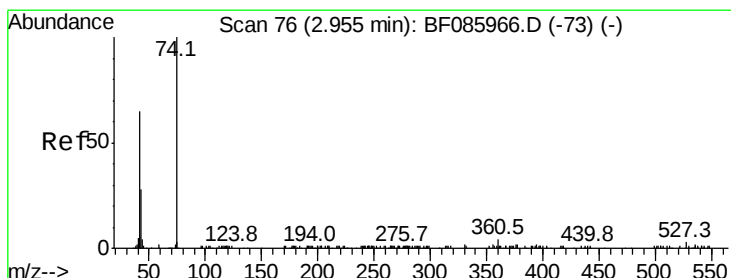
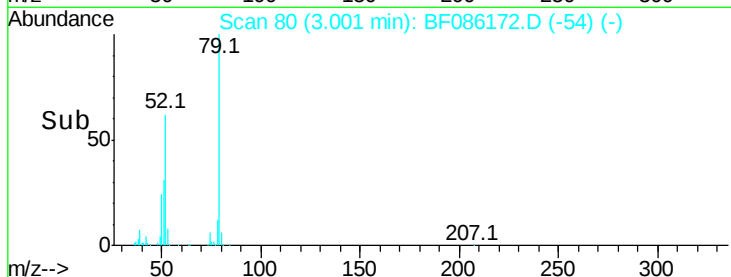
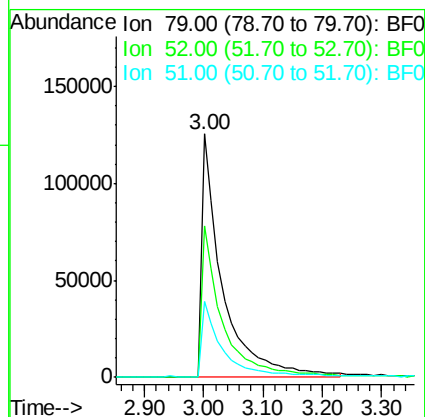
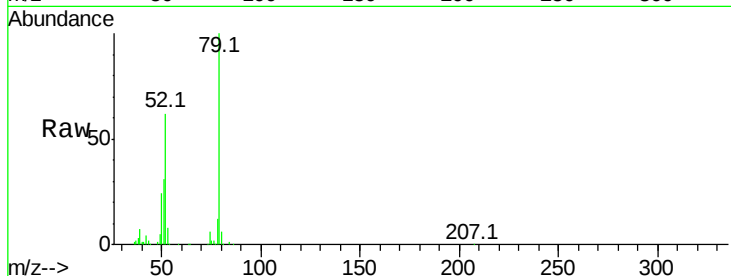
#3
 Pvridine
 Concen: 42.27 ng
 RT: 3.00 min Scan# 80
 Delta R.T. -0.00 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

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 BNA_F
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	311062		
52	52	62.5		49.8	74.6
51	51	31.3		24.7	37.1

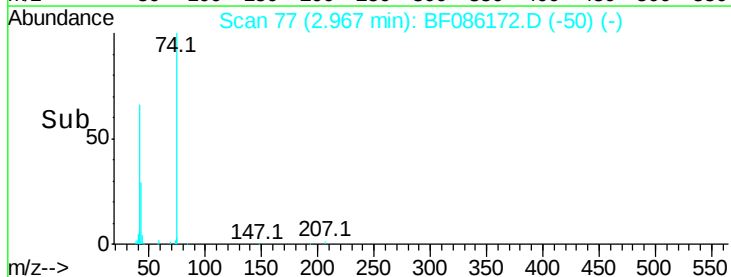
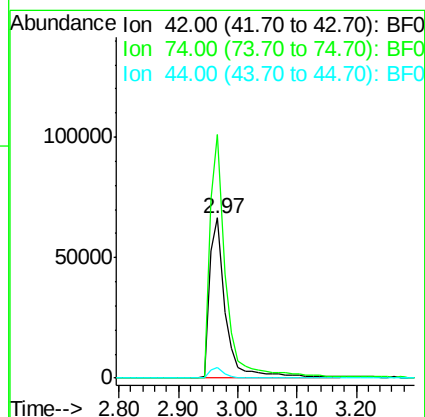
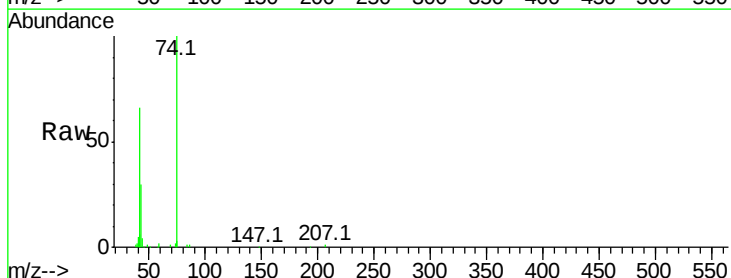
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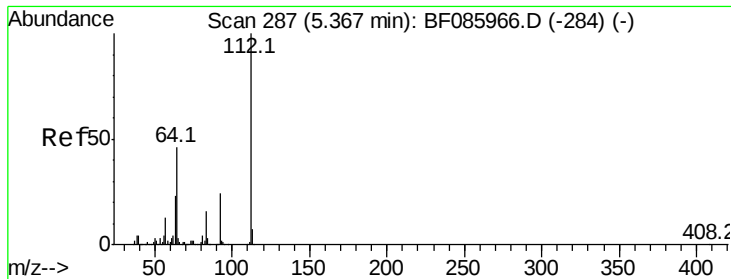
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#4
 n-Nitrosodimethylamine
 Concen: 39.37 ng
 RT: 2.97 min Scan# 77
 Delta R.T. 0.01 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	127420		
74	74	151.9		121.4	182.2
44	44	6.6		5.6	8.4





#5

2-Fluorophenol

Concen: 84.11 ng

RT: 5.33 min Scan# 284

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

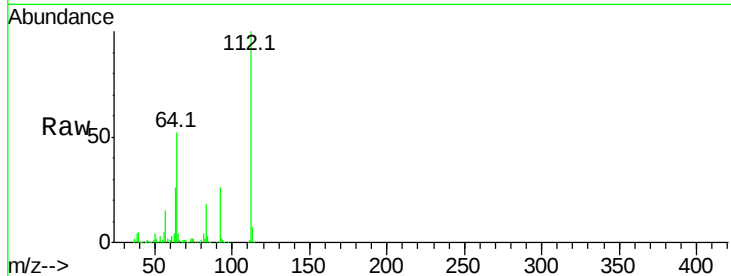
ClientSampleId :

PB89669TB

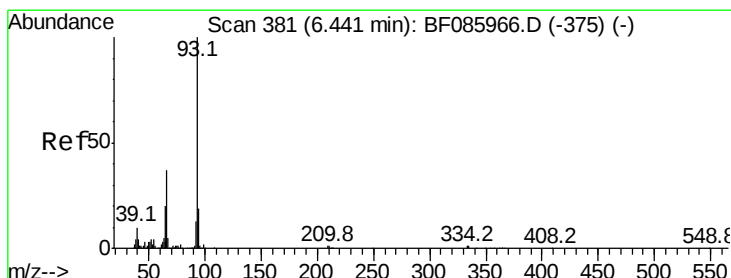
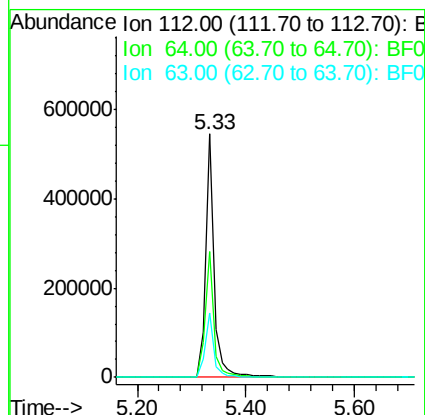
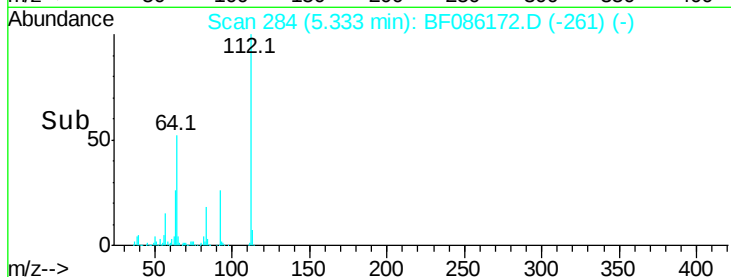
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		583234		
64	51.8	39.9	59.9		
63	26.3	20.2	30.2		



#6

Aniline

Concen: 15.71 ng

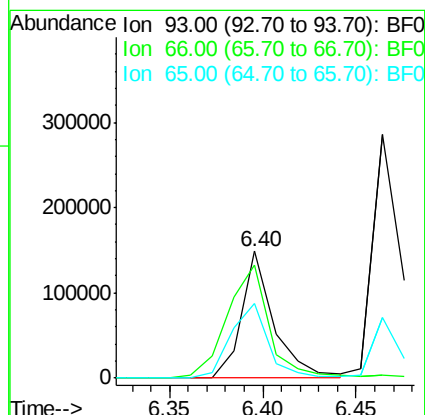
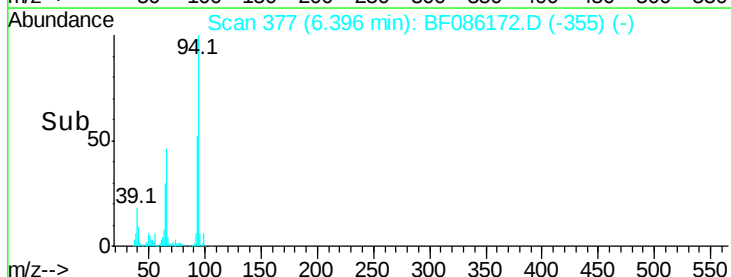
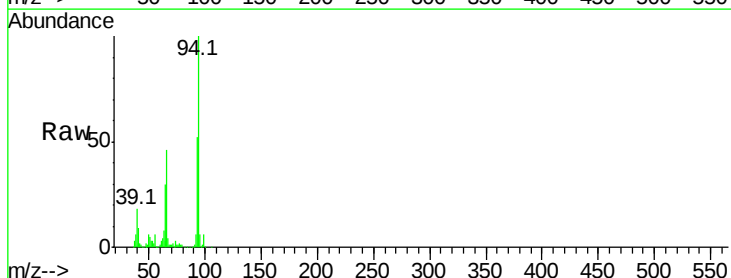
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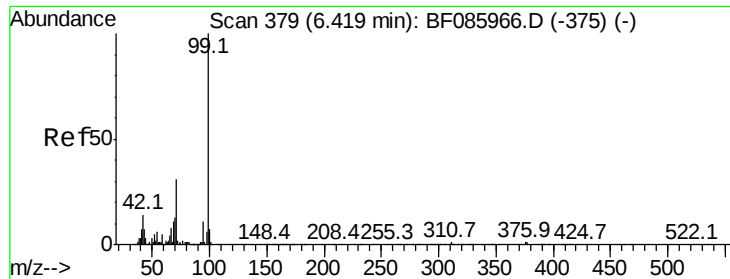
Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		181569		
66	89.5	31.4	47.2#		
65	58.5	15.7	23.5#		





#7

Phenol-d6

Concen: 83.32 ng

RT: 6.37 min Scan# 375

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

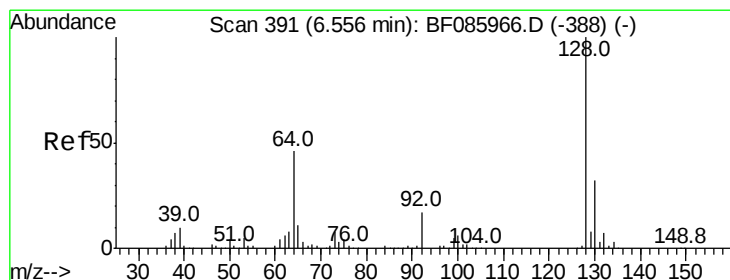
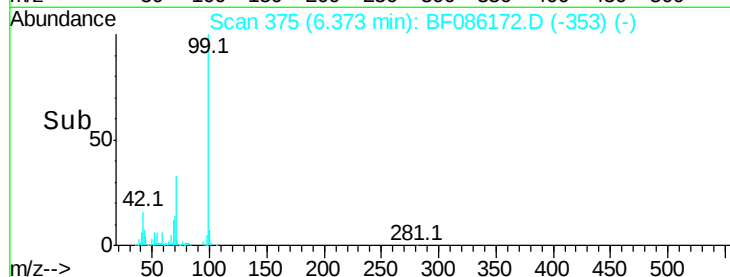
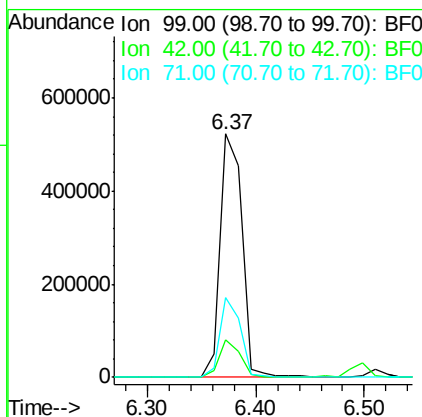
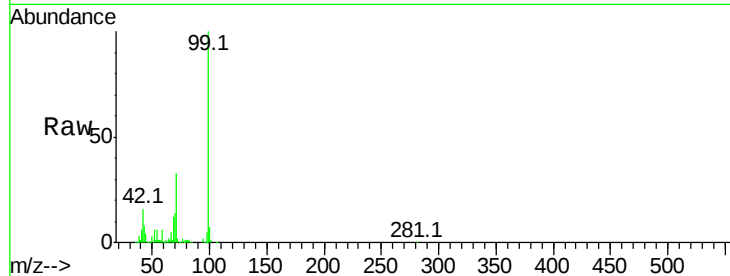
ClientSampleId :

PB89669TB

Tot Ion:	99	Resp:	733800
Ion Ratio	Lower	Upper	
99	100		
42	15.6	11.1	16.7
71	32.9	24.9	37.3

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#8

2-Chlorophenol

Concen: 37.45 ng

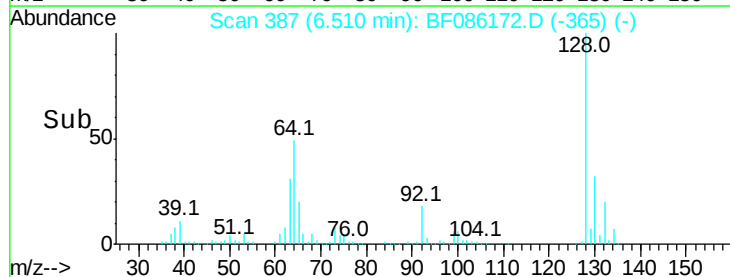
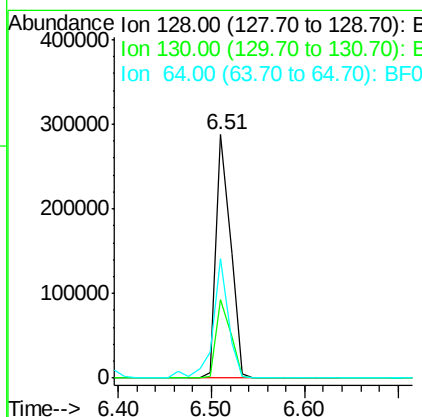
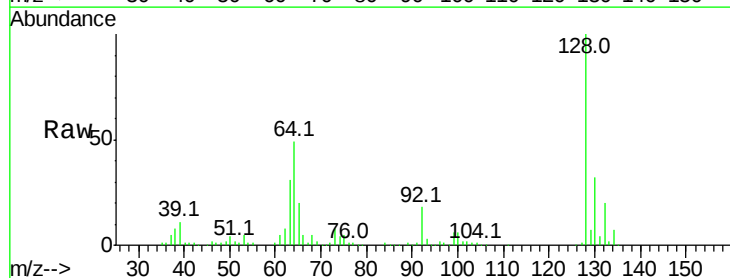
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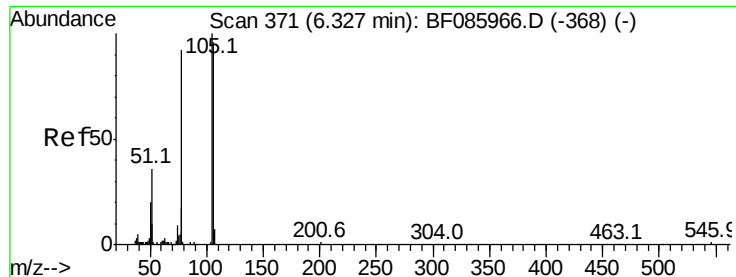
Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	128	Resp:	309687
Ion Ratio	Lower	Upper	
128	100		
130	32.0	12.9	52.9
64	48.8	20.2	60.2





#9

Benzaldehyde

Concen: 21.56 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

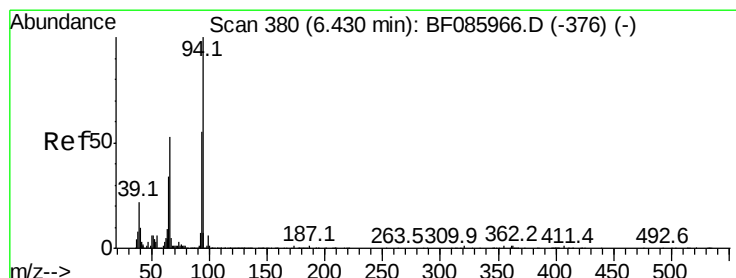
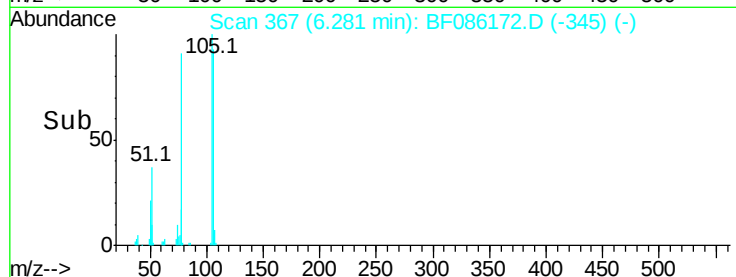
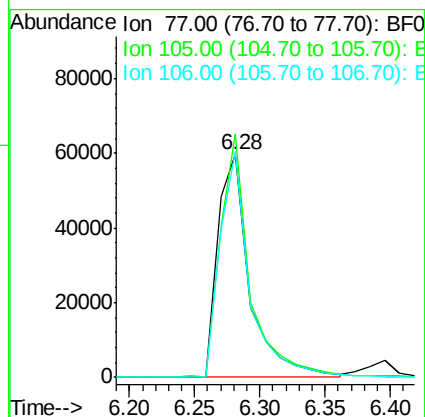
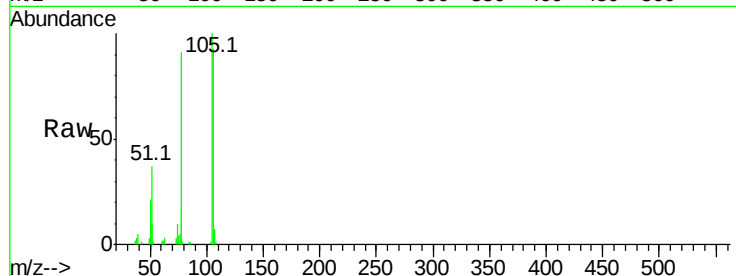
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Tot Ion	Ratio	Lower	Upper
77	100		
105	109.4	80.1	120.1
106	101.5	75.0	115.0



#10

Phenol

Concen: 36.70 ng

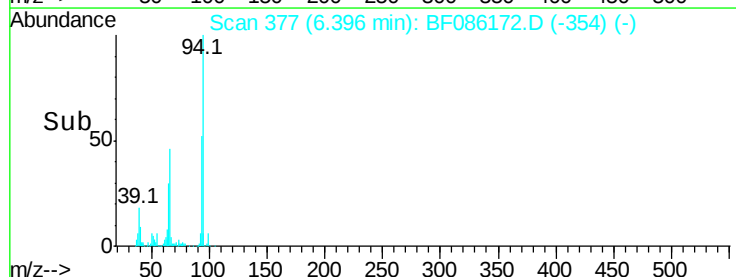
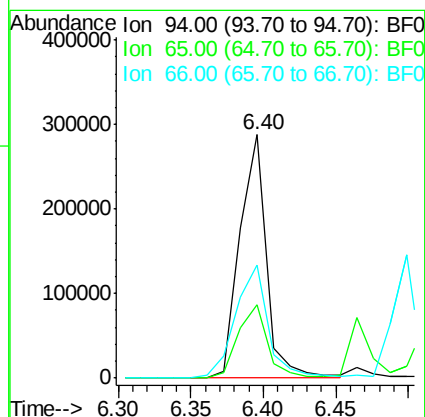
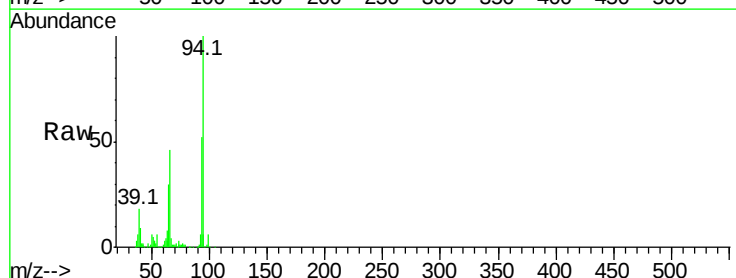
RT: 6.40 min Scan# 377

Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.2	8.6	48.6
66	46.2	20.0	60.0





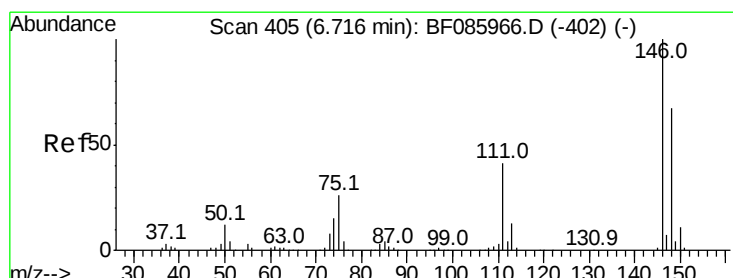
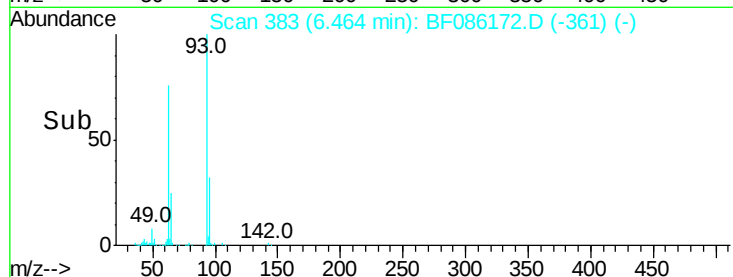
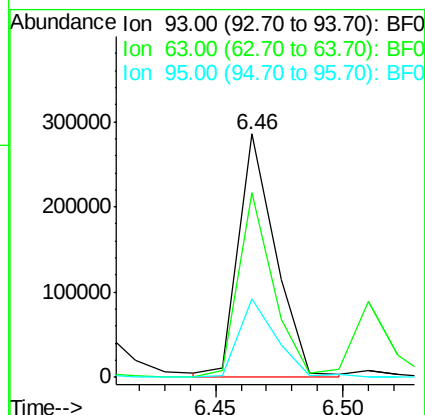
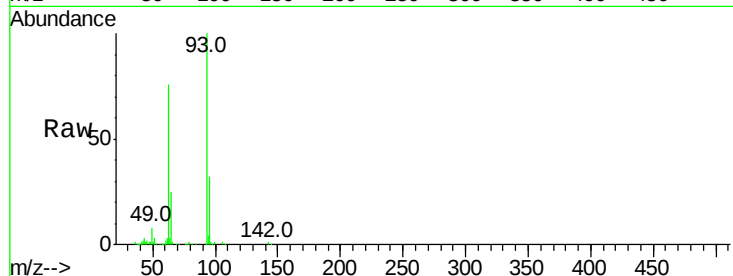
#11
bis(2-Chloroethyl)ether
Concen: 36.15 ng/ml
RT: 6.46 min Scan# 383
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
93	100	287620		
63	75.9	50.9	90.9	
95	32.4	13.3	53.3	

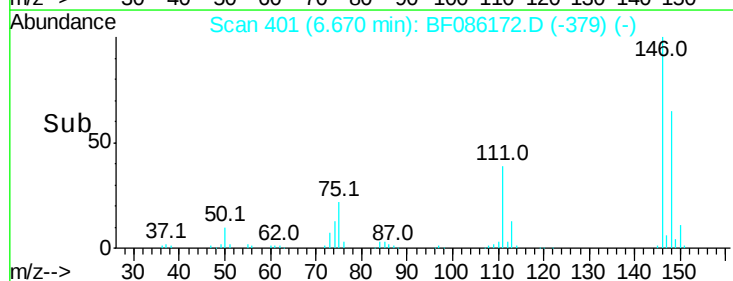
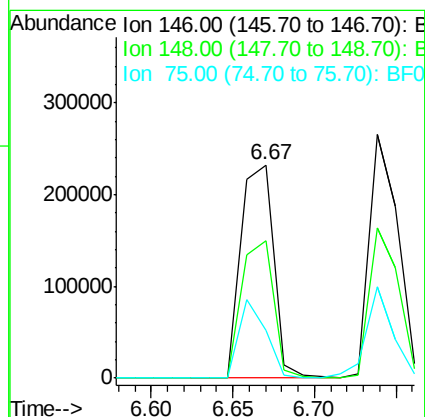
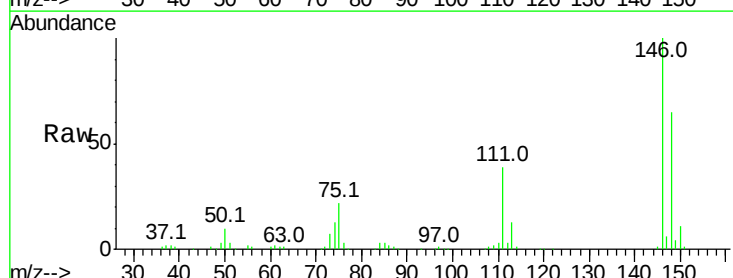
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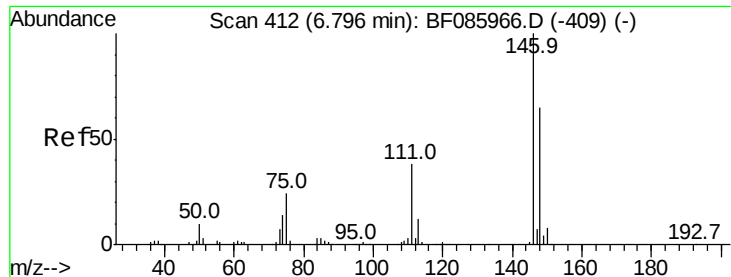
Sohil
4/11/2016 5:45:12 PM



#12
1,3-Dichlorobenzene
Concen: 36.64 ng/ml
RT: 6.67 min Scan# 401
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	321096		
148	64.7	52.3	78.5	
75	22.5	17.4	26.2	





#13

1,4-Dichlorobenzene

Concen: 36.44 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.06 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

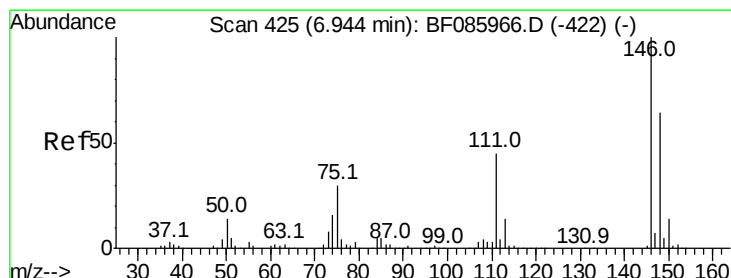
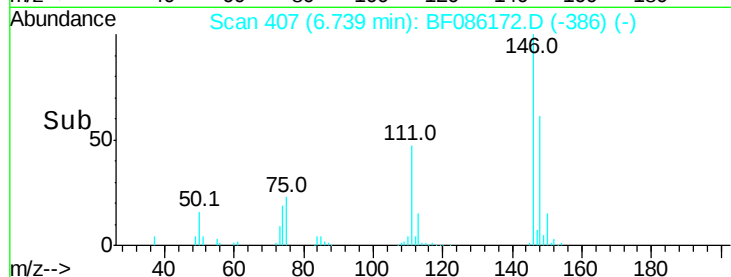
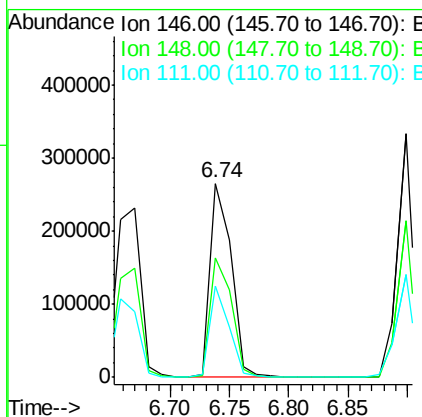
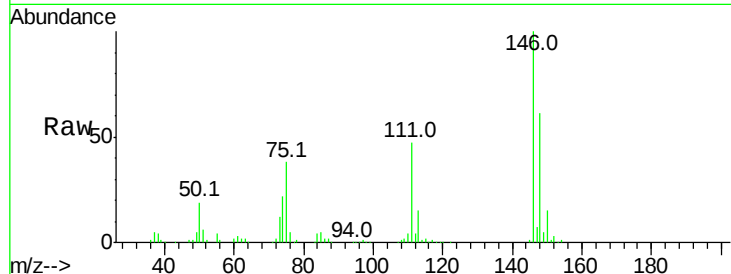
ClientSampleId :

PB89669TB

Tot Ion:	146	Resp:	329033
Ion Ratio	Lower	Upper	
146	100		
148	61.4	50.6	76.0
111	47.0	37.8	56.6

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#14

1,2-Dichlorobenzene

Concen: 36.37 ng

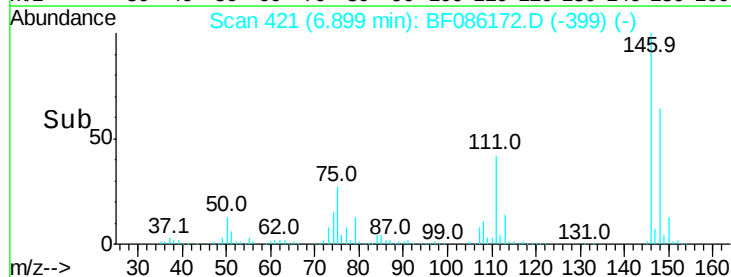
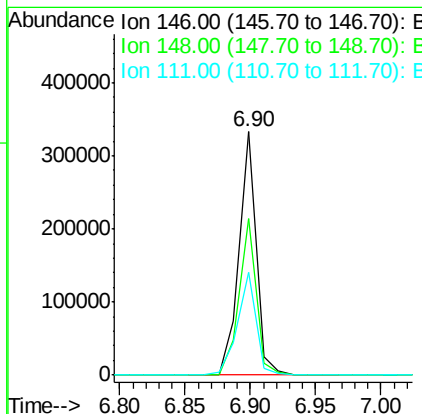
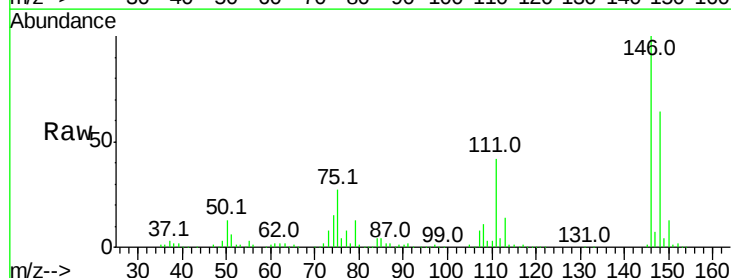
RT: 6.90 min Scan# 421

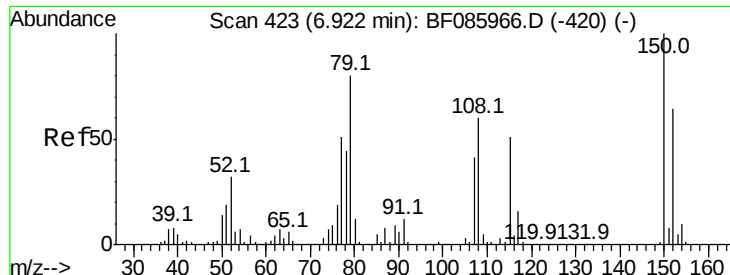
Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	146	Resp:	302247
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.2
111	42.3	34.6	52.0





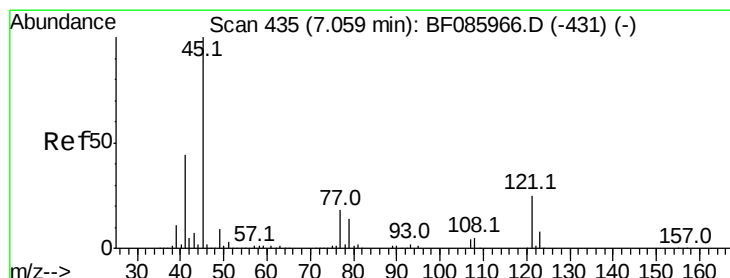
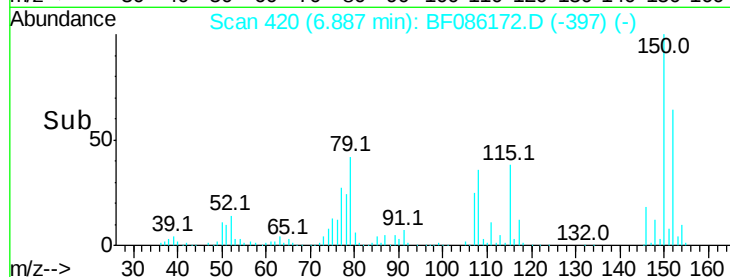
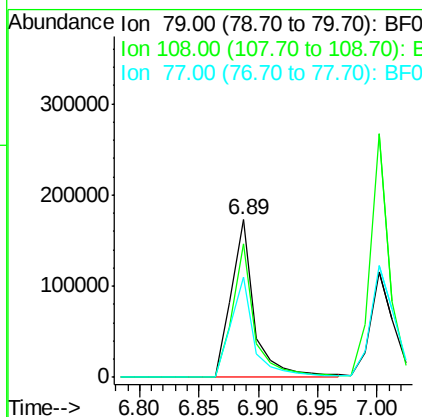
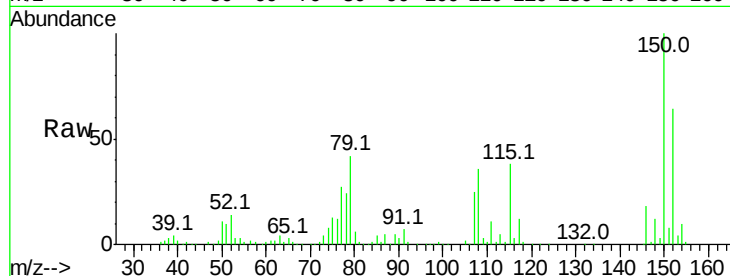
#15
Benzyl Alcohol
Concen: 41.52 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampled :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	84.7	61.8	92.6	
77	63.2	49.6	74.4	

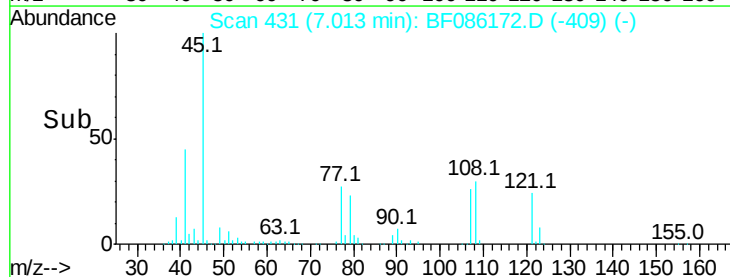
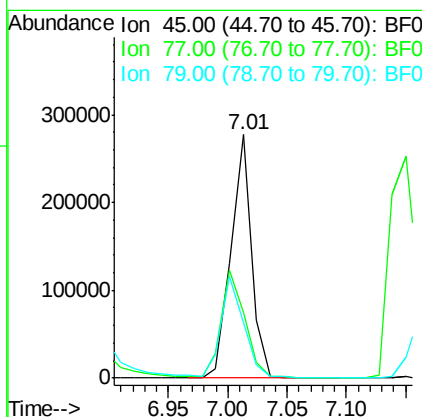
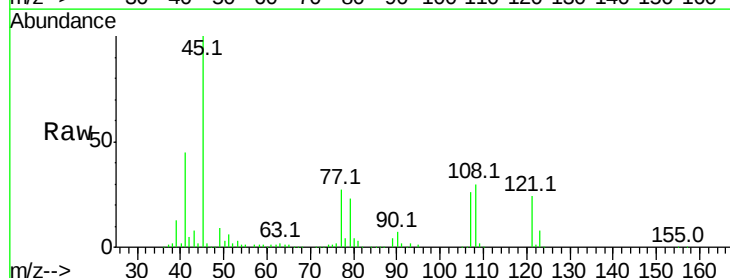
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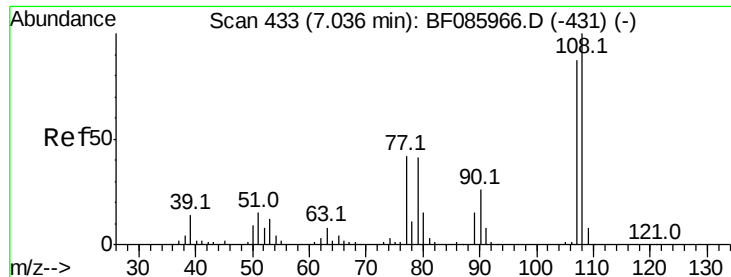
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.41 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	26.8	0.0	35.7	
79	23.0	0.0	32.2	





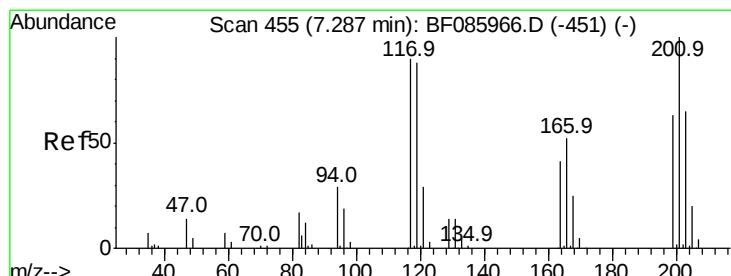
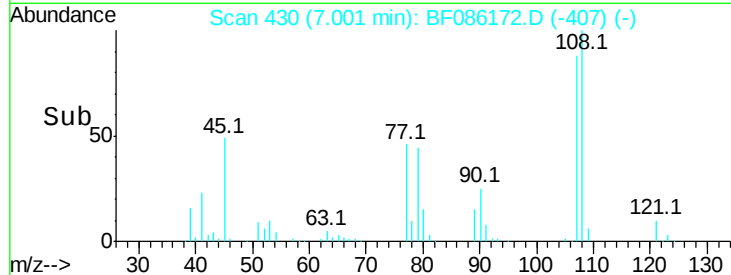
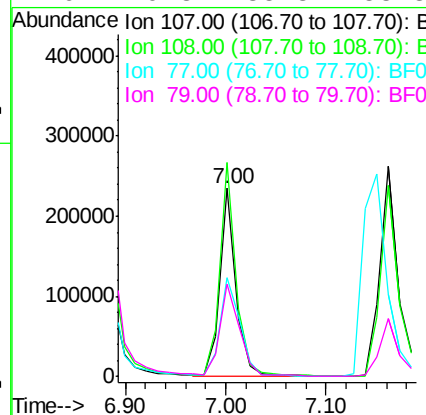
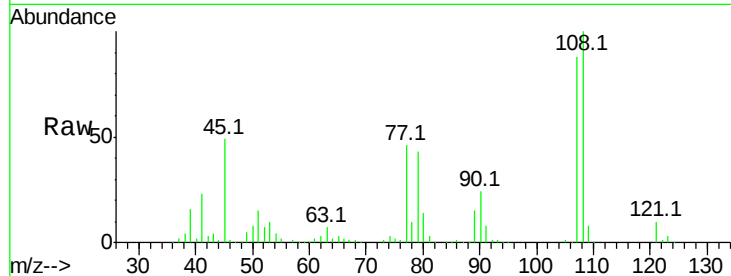
#17
2-Methylphenol
Concen: 39.52 ng
RT: 7.00 min Scan# 430
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampled :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
107	100	257695		
108	113.8	91.4	137.0	
77	52.5	36.2	54.2	
79	49.3	35.8	53.8	

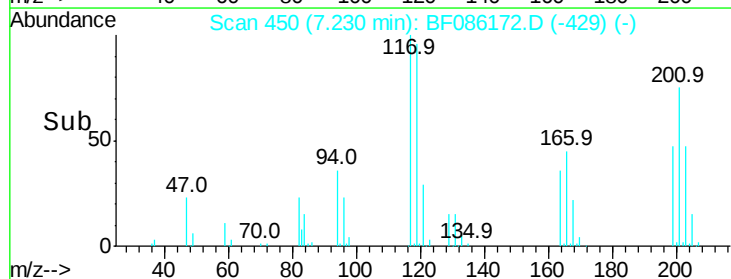
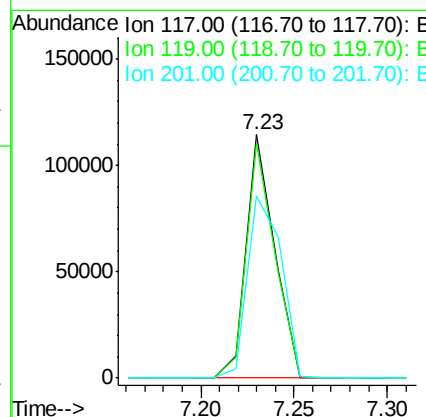
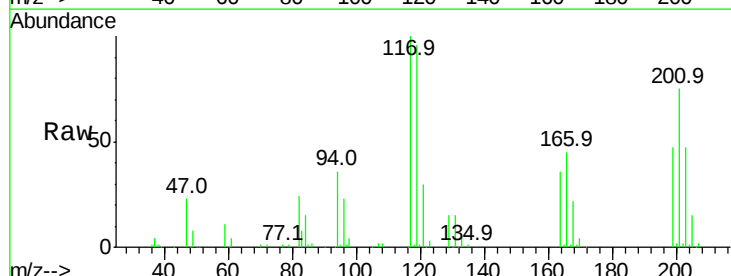
Manual Integrations
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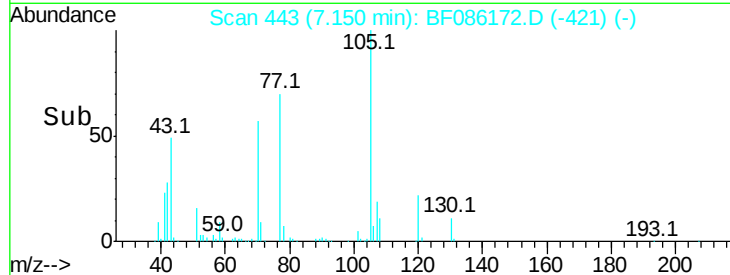
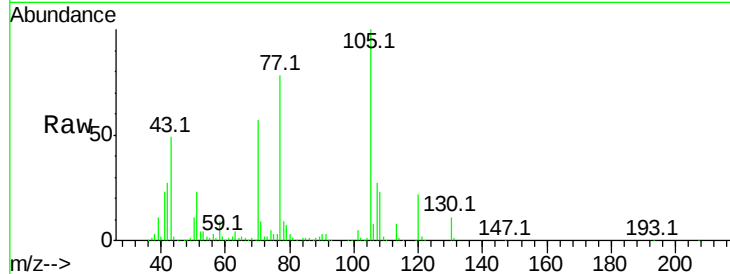
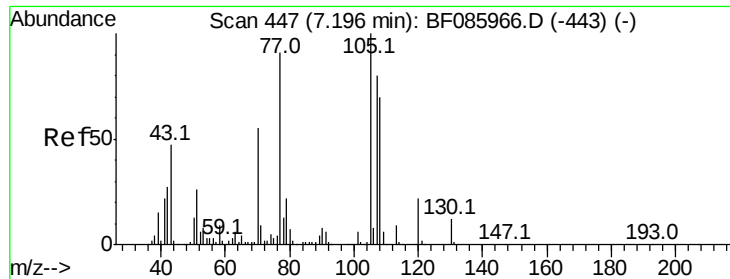
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#18
Hexachloroethane
Concen: 36.29 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.06 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	120520		
119	96.2	76.7	115.1	
201	74.7	83.3	124.9#	





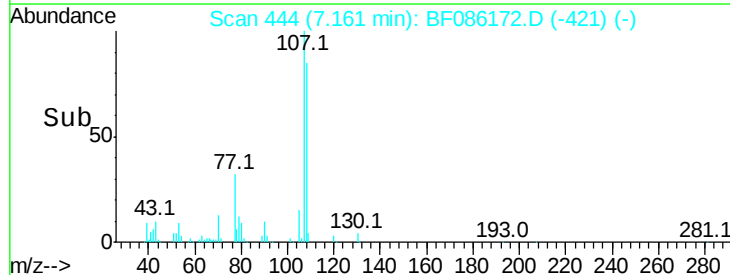
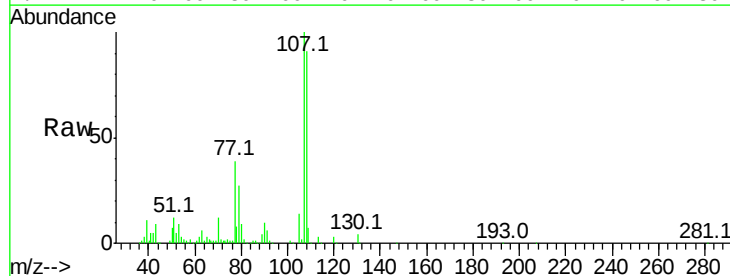
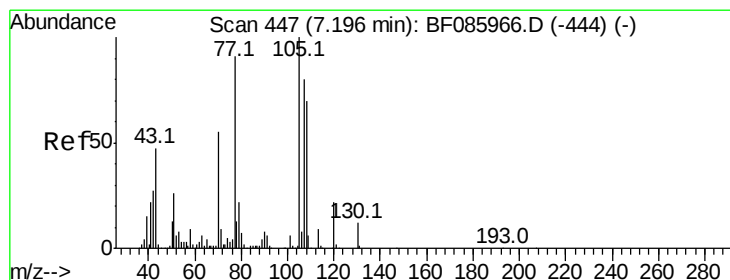
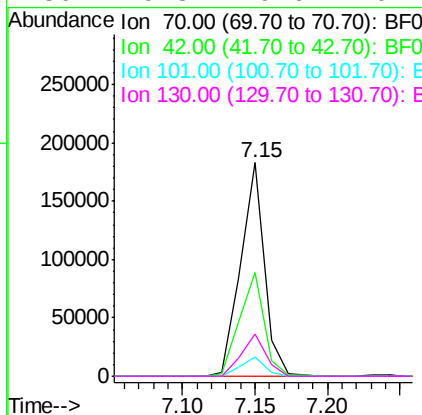
#19
n-Nitroso-di-n-propylamine
Concen: 38.05 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		207734		
42	48.4	37.1	55.7		
101	9.1	8.6	12.8		
130	19.8	19.6	29.4		

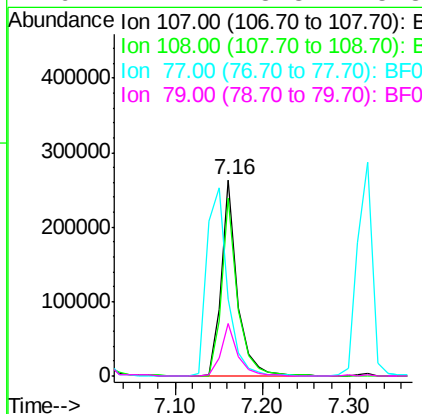
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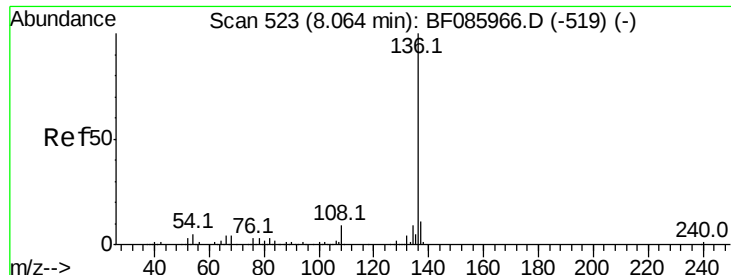
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#20
3+4-Methylphenols
Concen: 42.89 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		340101		
108	90.8	69.3	109.3		
77	39.2	101.7	141.7#		
79	27.1	8.3	48.3		





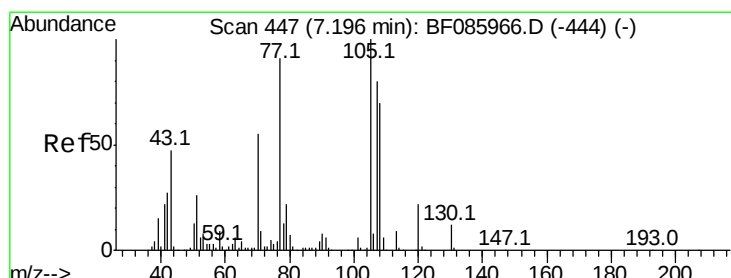
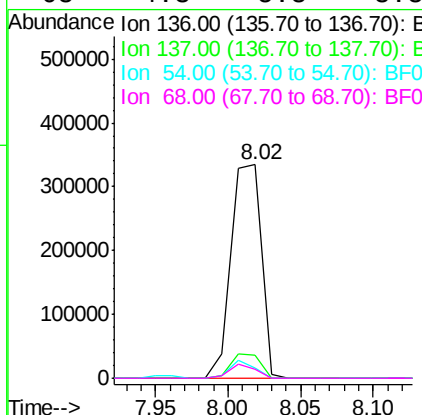
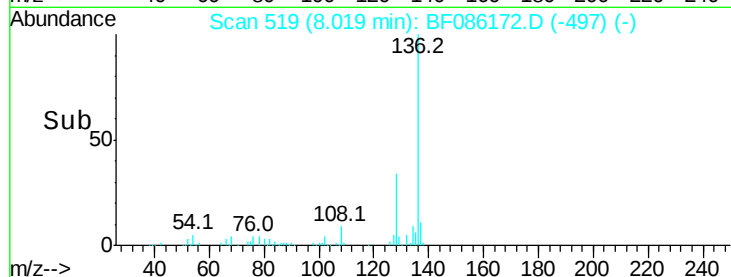
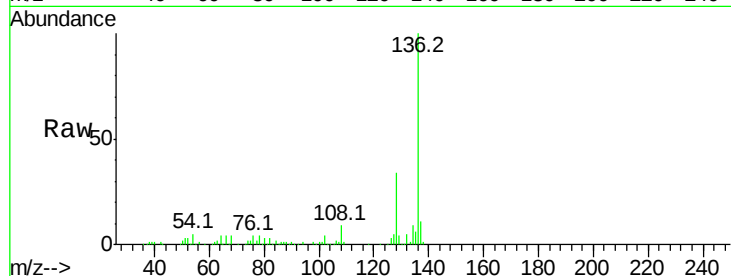
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 519
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.1	13.7	
54	5.0	7.4	11.0	
68	4.3	5.8	8.8	

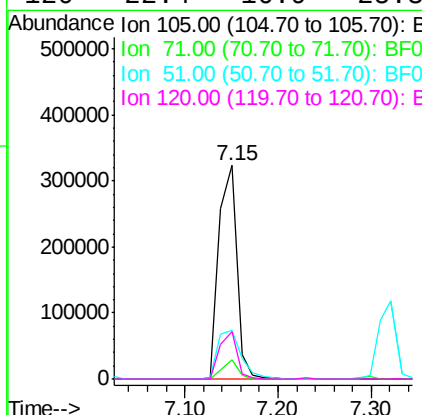
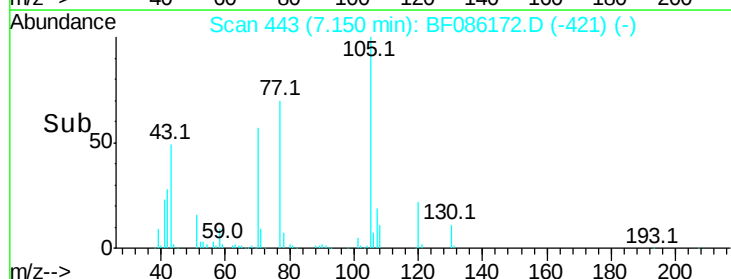
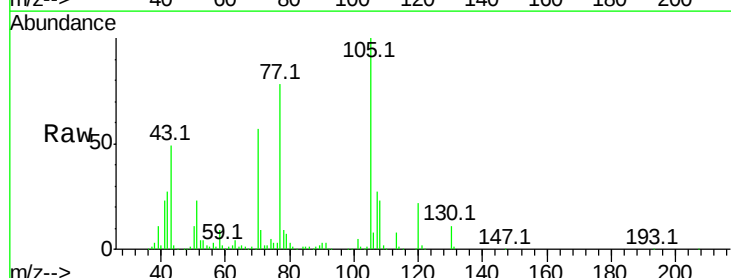
Manual Integrations
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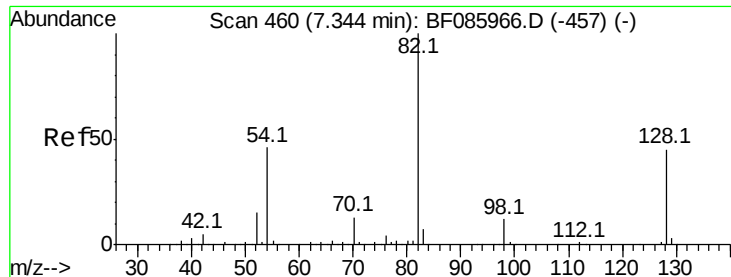
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#22
Acetophenone
Concen: 37.92 ng
RT: 7.15 min Scan# 443
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	9.2	3.6	5.4	
51	22.9	25.4	38.0	
120	22.4	16.9	25.3	





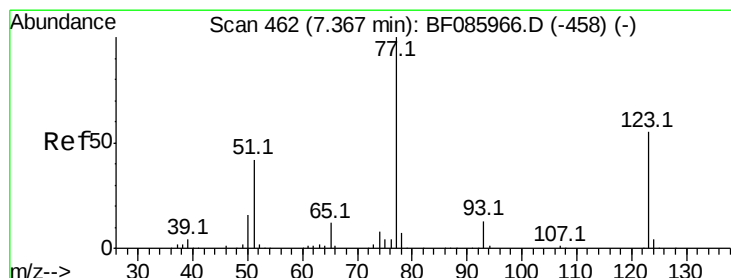
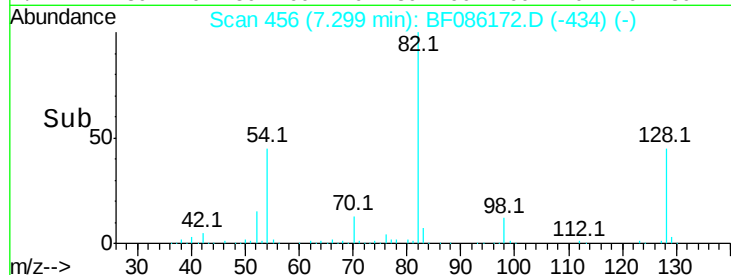
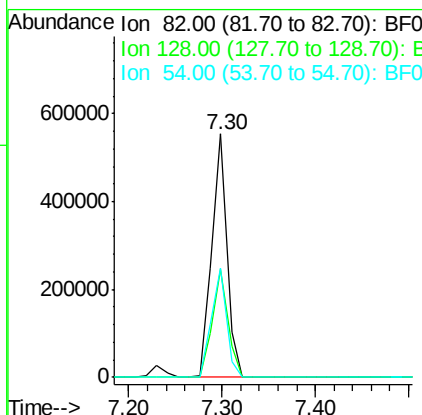
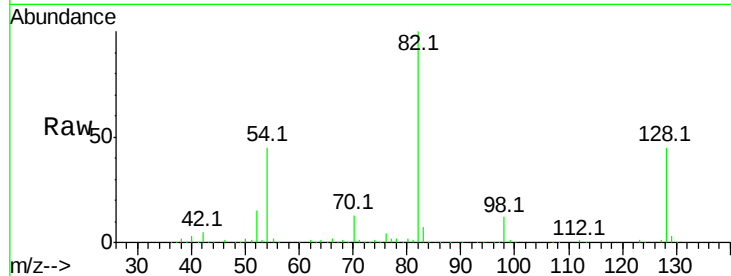
#23
 Nitrobenzene-d5
 Concen: 76.37 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	41.8	62.8
54	44.9	33.4	50.0

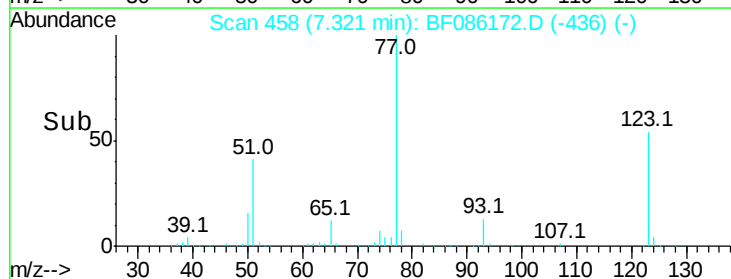
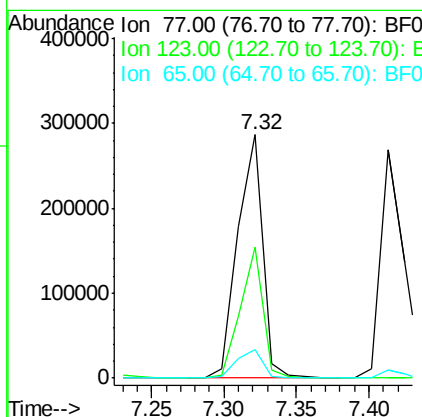
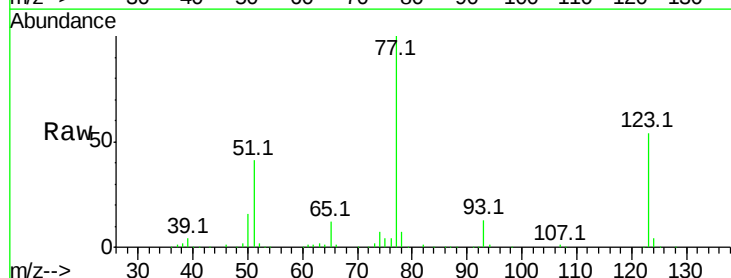
Manual Integrations
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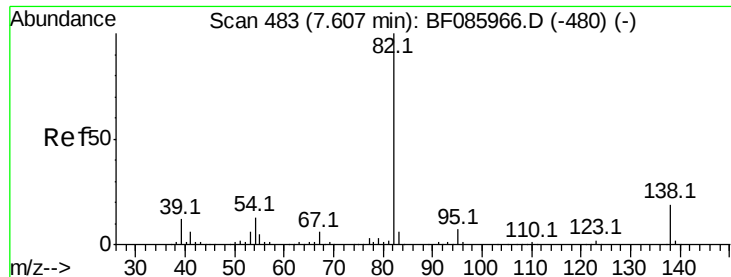
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#24
 Nitrobenzene
 Concen: 37.81 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	53.8	35.0	52.4#
65	12.0	10.6	16.0





#25

Isophorone

Concen: 38.29 ng

RT: 7.56 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

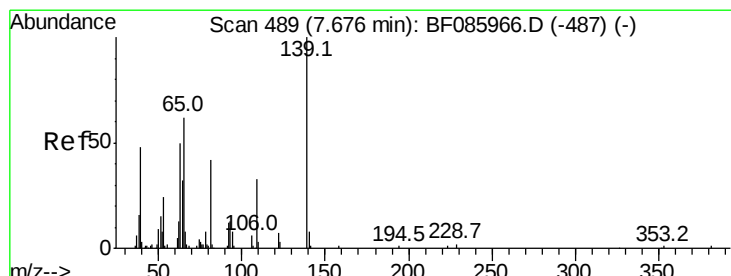
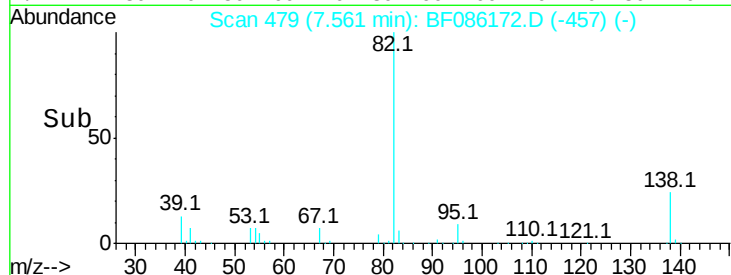
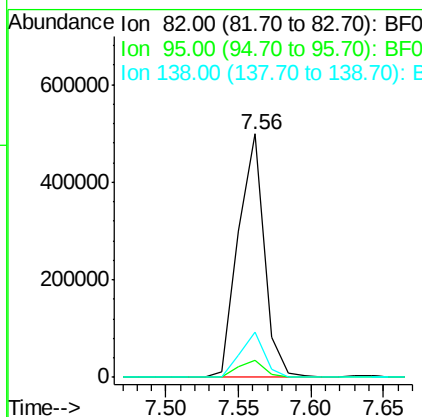
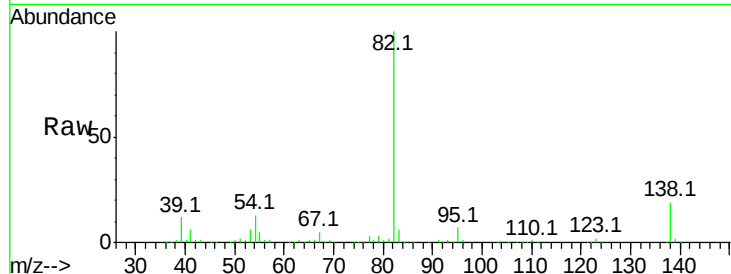
ClientSampleId :

PB89669TB

Tot Ion:	82	Resp:	622153
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.4	8.2
138	18.8	12.9	19.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.94 ng

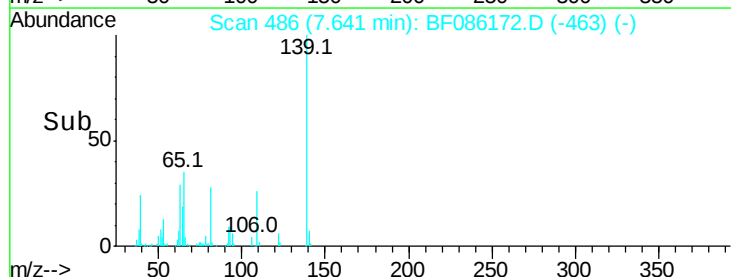
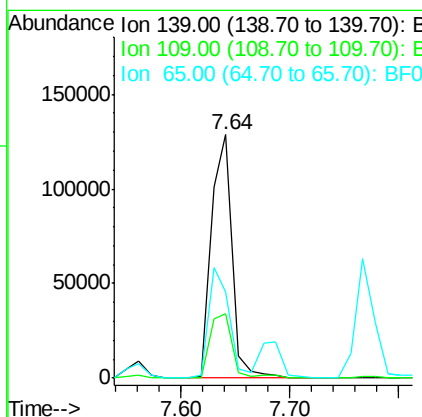
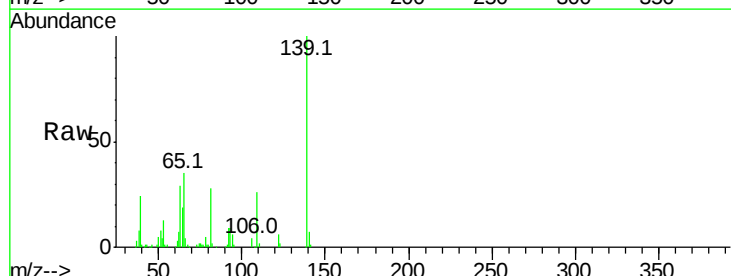
RT: 7.64 min Scan# 486

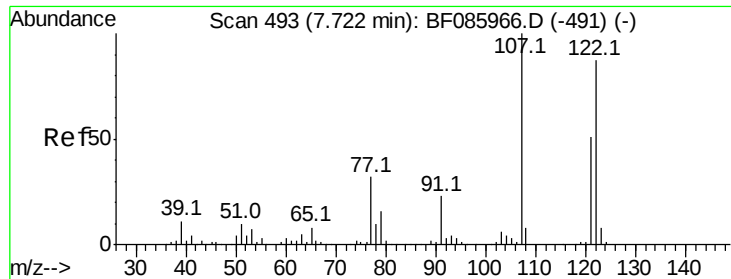
Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	139	Resp:	172104
Ion Ratio	Lower	Upper	
139	100		
109	26.2	22.1	33.1
65	35.5	33.9	50.9





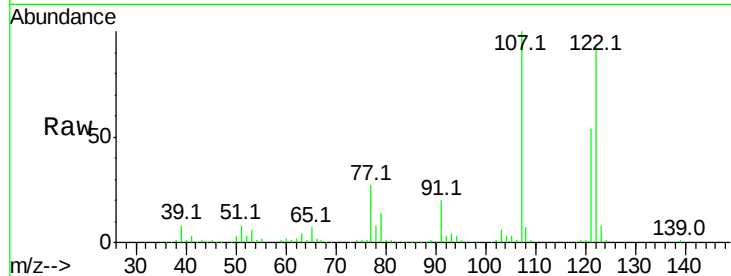
#27
 2,4-Dimethylphenol
 Concen: 40.50 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.03 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

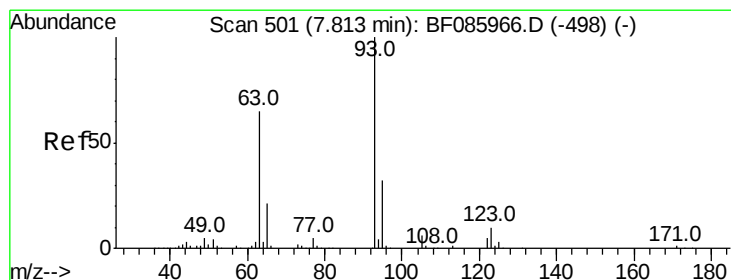
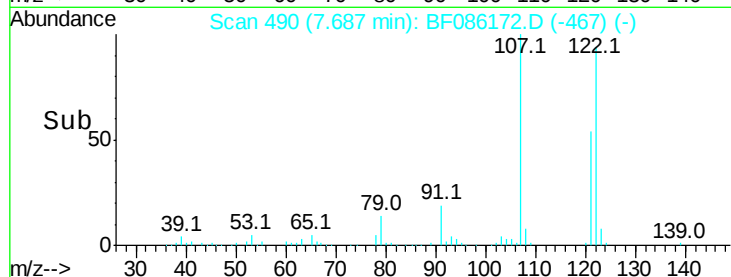
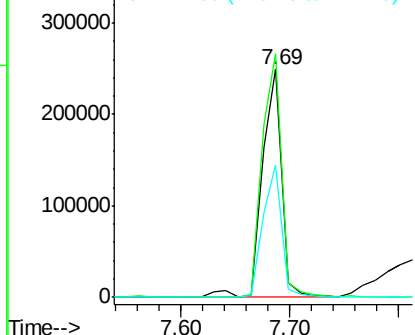
Tot Ion	Ratio	Resp	Lower	Upper
122	100	313409		
107	106.7	93.0	139.6	
121	57.8	45.9	68.9	

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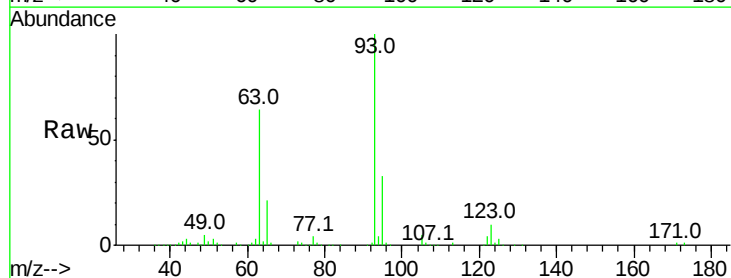


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

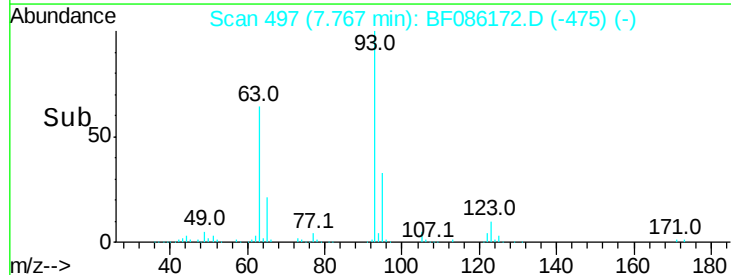
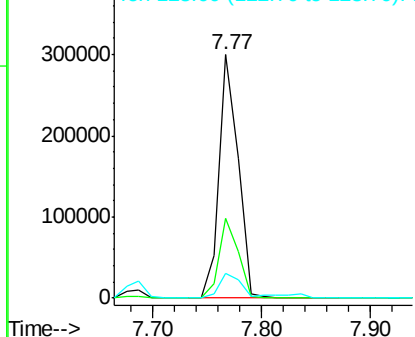


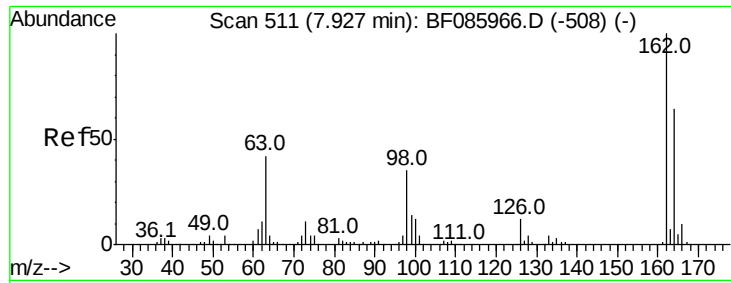
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.44 ng
 RT: 7.77 min Scan# 497
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	366506		
95	32.7	26.4	39.6	
123	10.3	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





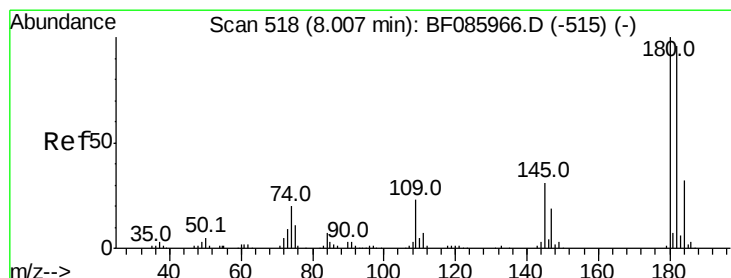
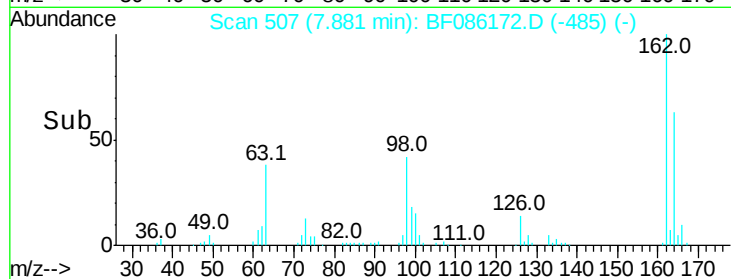
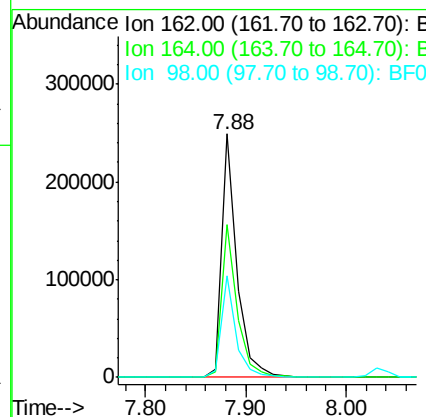
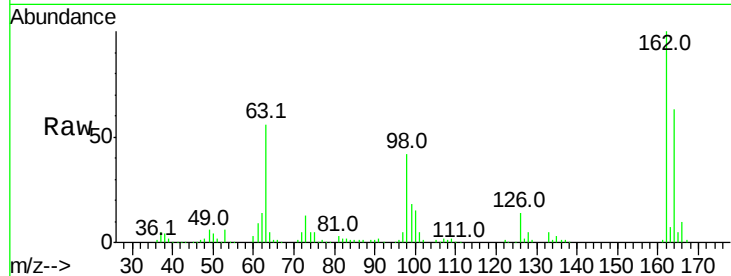
#29
 2,4-Dichlorophenol
 Concen: 40.14 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion:	162	Resp:	262656
Ion Ratio	Lower	Upper	
162	100		
164	62.7	43.7	83.7
98	41.7	20.4	60.4

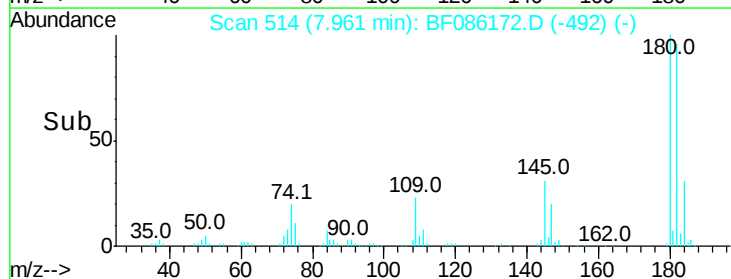
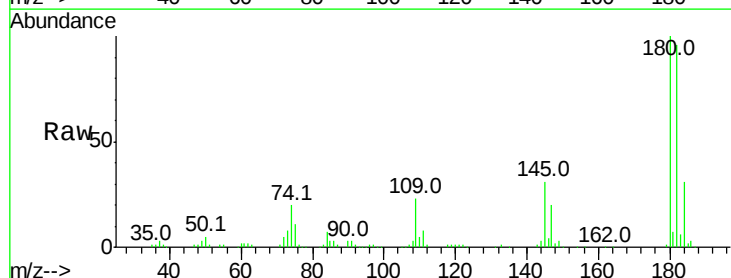
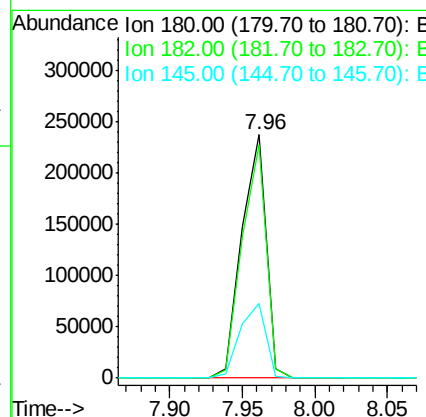
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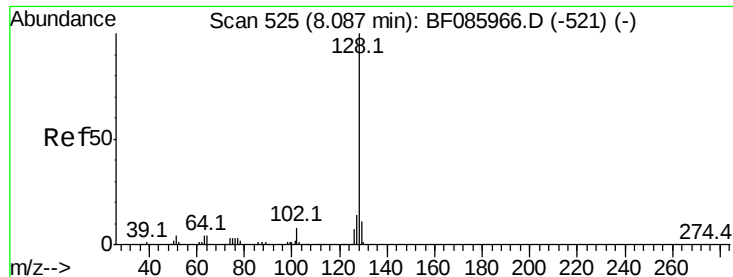
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.73 ng
 RT: 7.96 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion:	180	Resp:	277095
Ion Ratio	Lower	Upper	
180	100		
182	96.0	73.8	110.8
145	30.7	28.4	42.6





#31

Naphthalene

Concen: 36.36 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.06 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

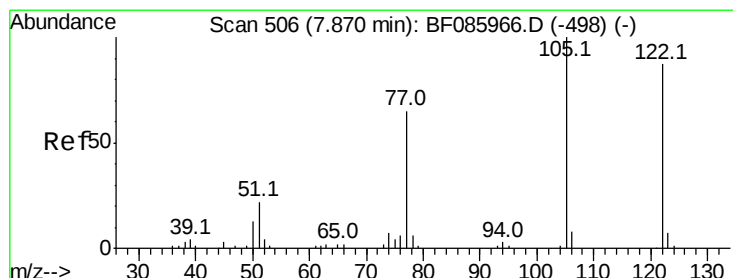
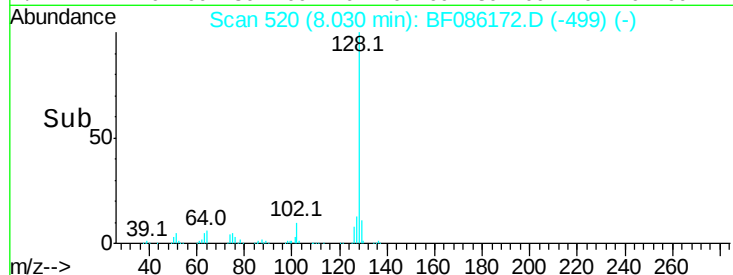
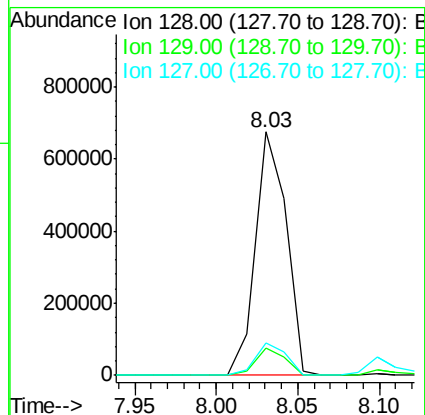
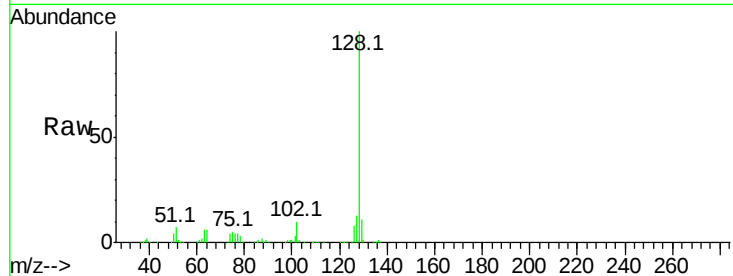
ClientSampleId :

PB89669TB

Tot Ion:	128	Resp:	887832
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.4	14.0
127	13.4	11.0	16.6

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#32

Benzoic acid

Concen: 32.43 ng

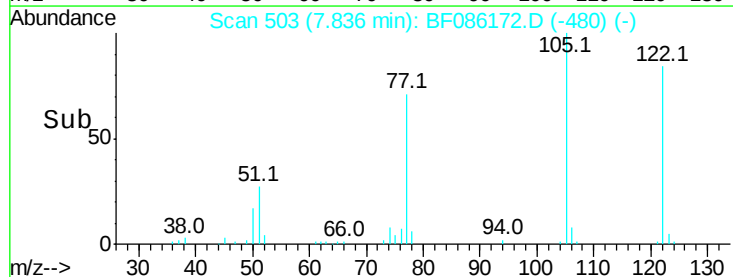
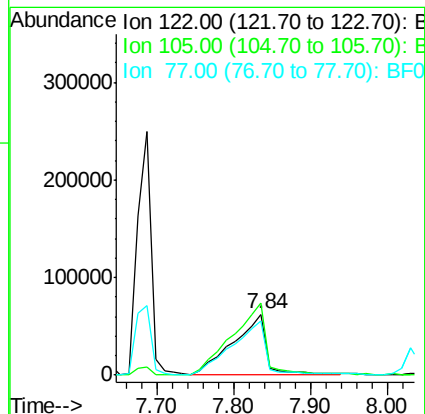
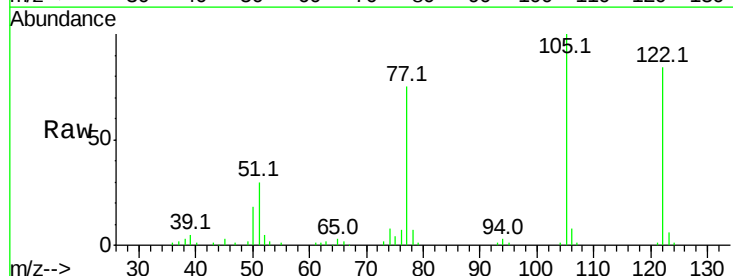
RT: 7.84 min Scan# 503

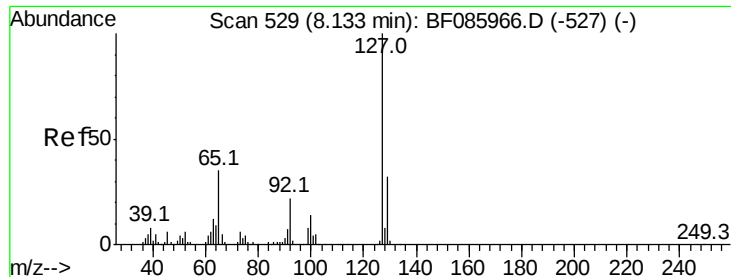
Delta R.T. -0.03 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	122	Resp:	184148
Ion Ratio	Lower	Upper	
122	100		
105	118.7	102.9	142.9
77	88.6	71.8	111.8





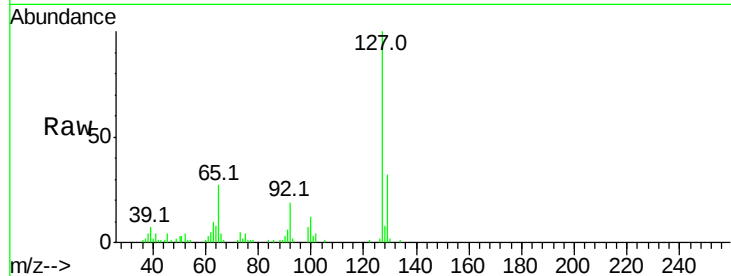
#33
4-Chloroaniline
Concen: 7.77 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampled :
PB89669TB

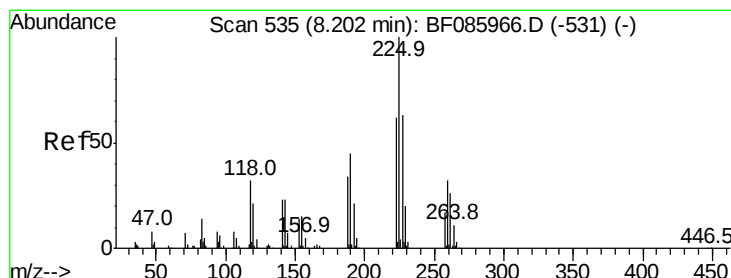
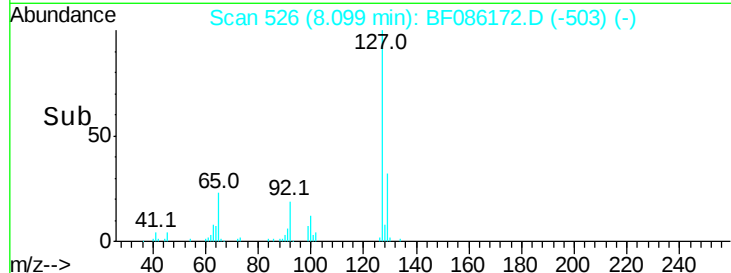
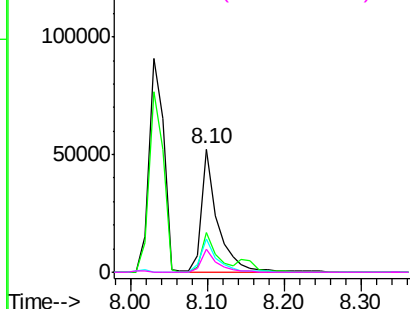
Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.8	26.1	39.1	
65	27.3	19.5	29.3	
92	18.8	14.6	22.0	

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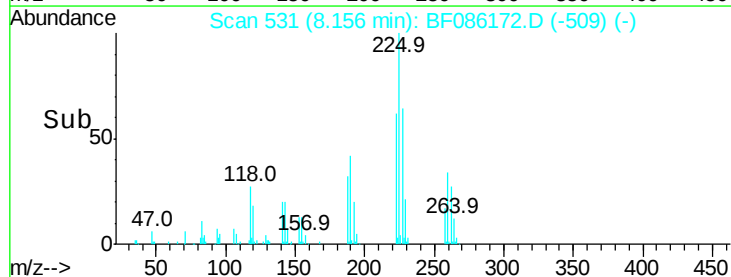
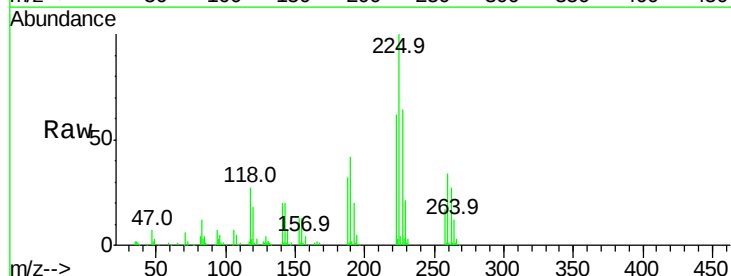
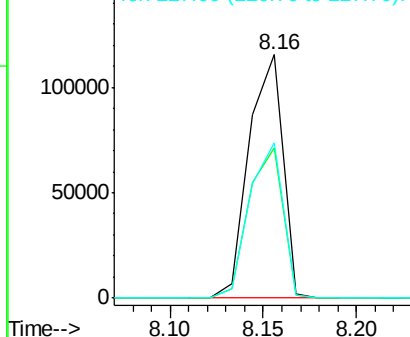
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 36.70 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.8	50.4	75.6	
227	64.0	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





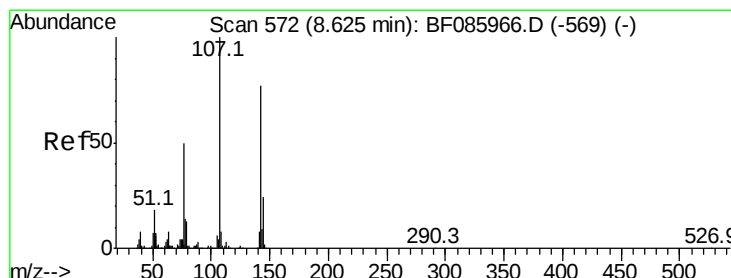
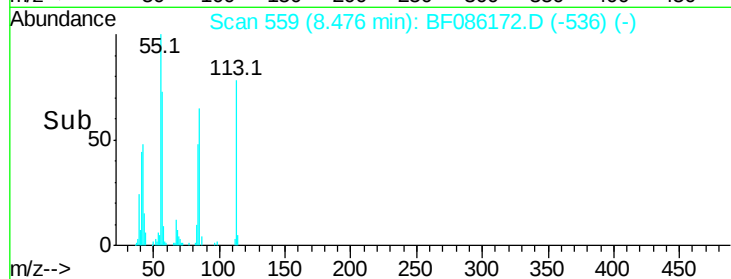
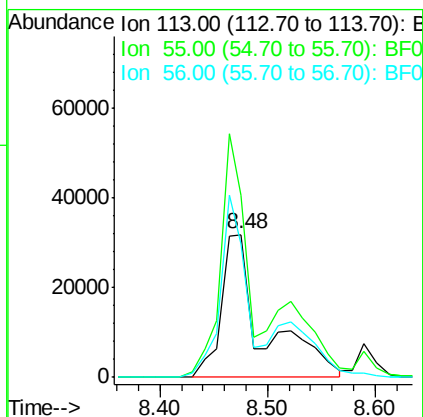
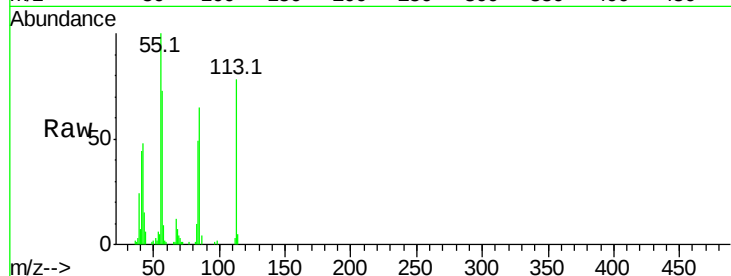
#35
 Caprolactam
 Concen: 41.92 ng/ml
 RT: 8.48 min Scan# 559
 Delta R.T. -0.03 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.8	139.4	179.4#
56	93.4	100.4	140.4#

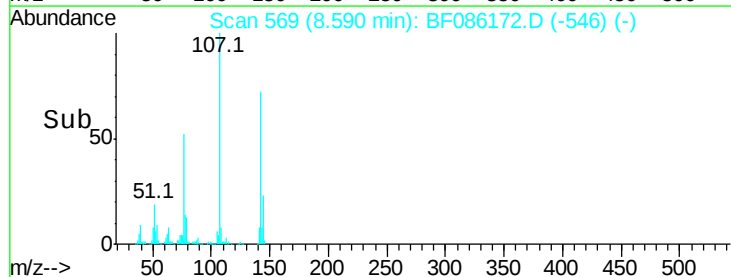
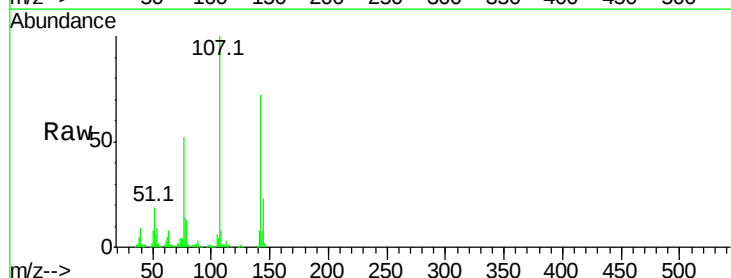
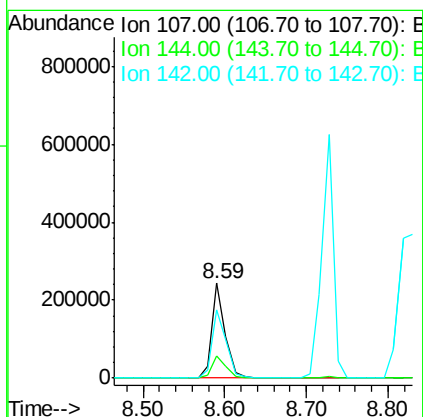
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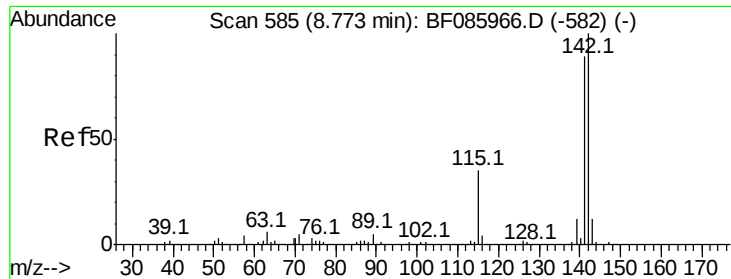
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#36
 4-Chloro-3-methylphenol
 Concen: 37.88 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.03 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.3	28.9
142	72.3	61.4	92.0





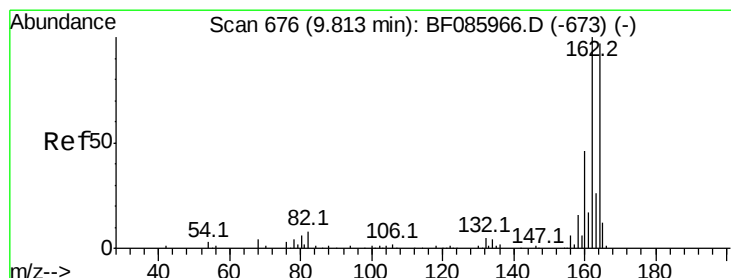
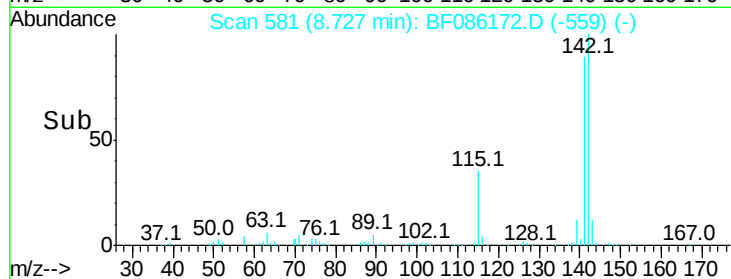
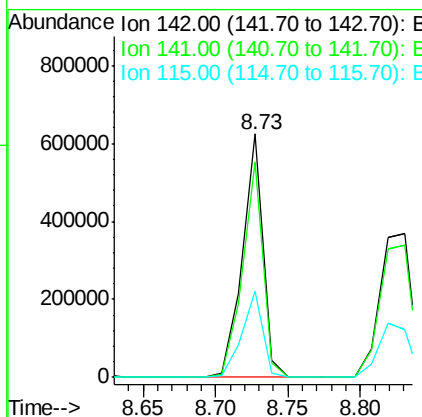
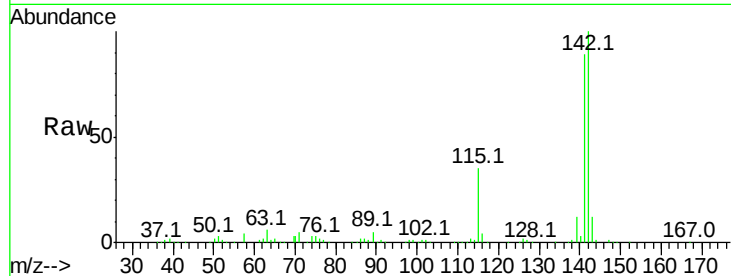
#37
 2-Methylnaphthalene
 Concen: 38.54 ng
 RT: 8.73 min Scan# 581
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.6	107.4
115	35.3	26.8	40.2

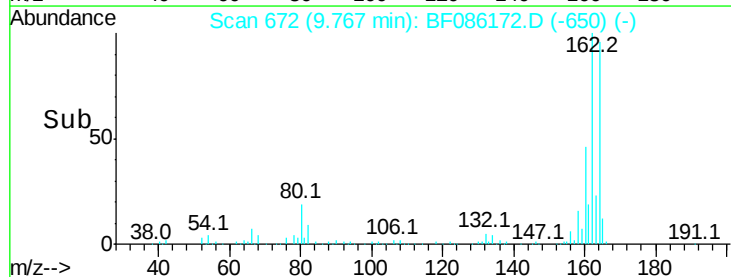
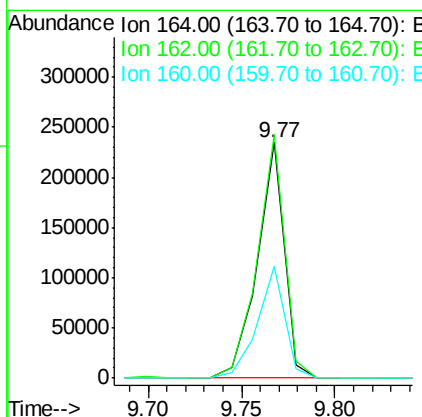
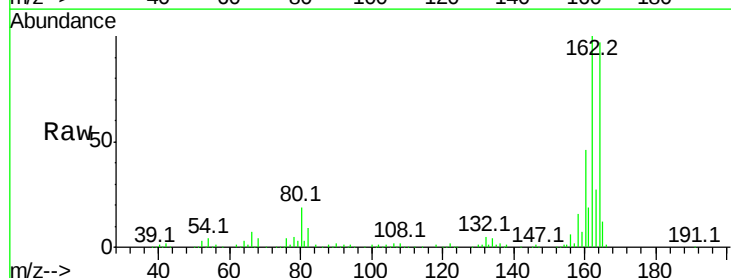
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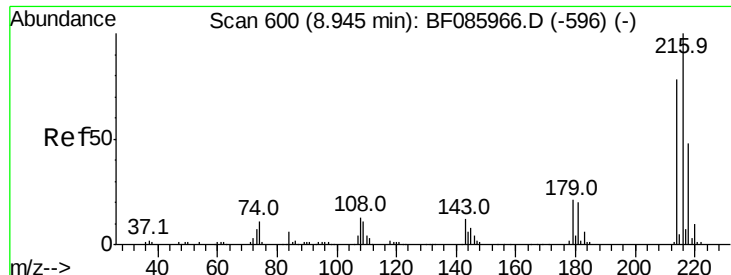
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.1	123.1
160	47.2	37.4	56.2





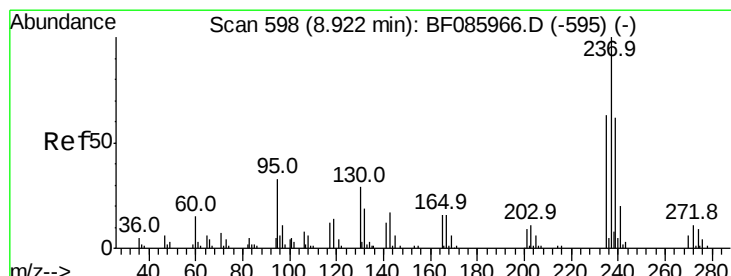
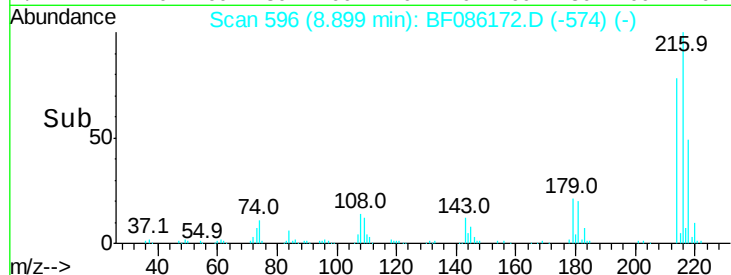
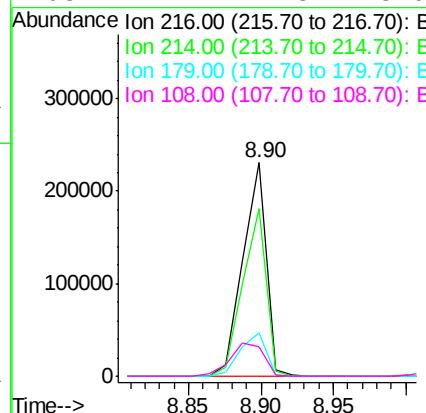
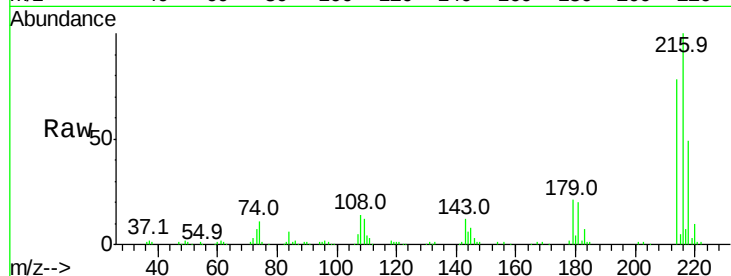
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.73 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
216	100	257732		
214	78.9	63.1	94.7	
179	22.6	18.2	27.2	
108	22.2	17.3	25.9	

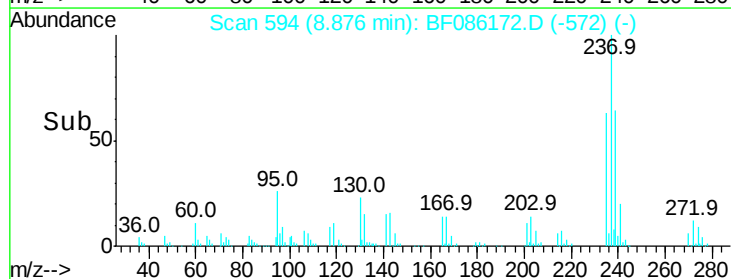
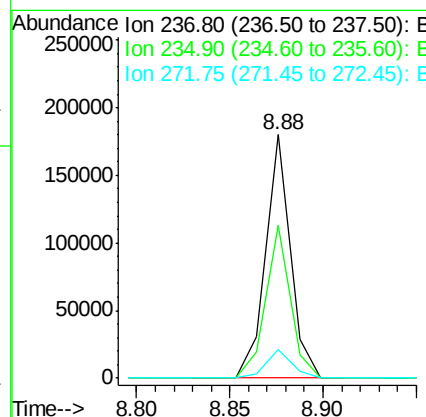
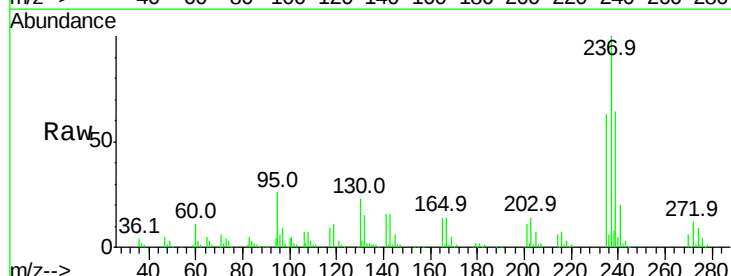
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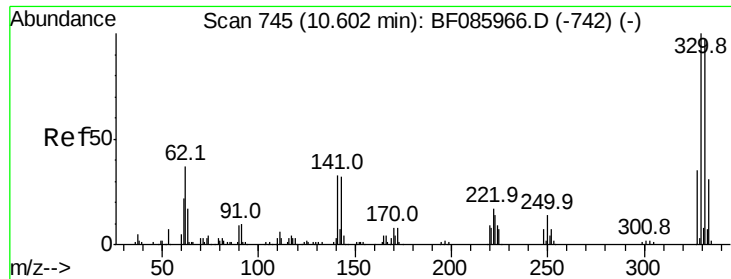
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#40
 Hexachlorocyclopentadiene
 Concen: 68.96 ng
 RT: 8.88 min Scan# 594
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	165045		
235	62.9	43.7	83.7	
272	11.7	0.0	31.9	





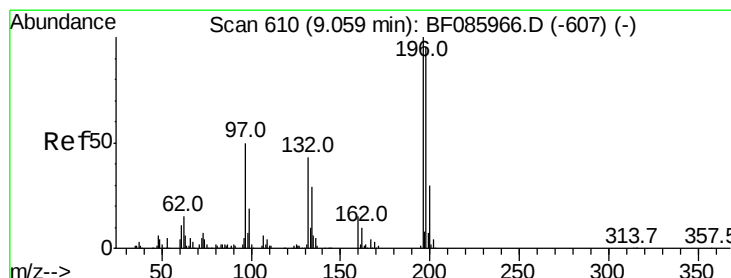
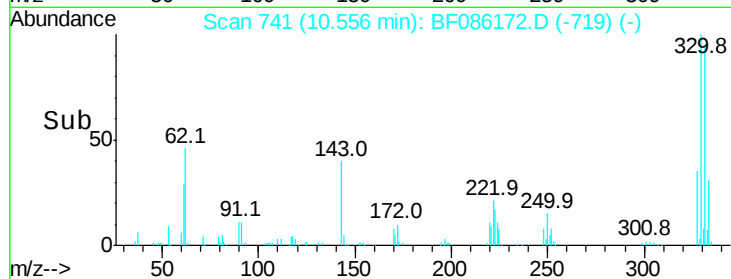
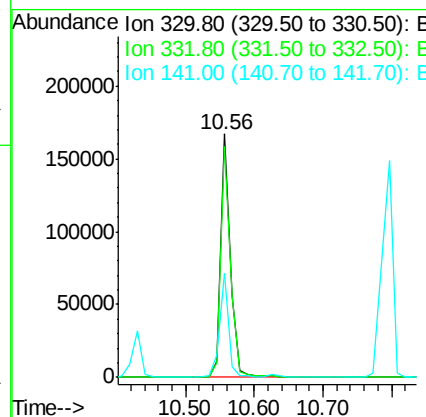
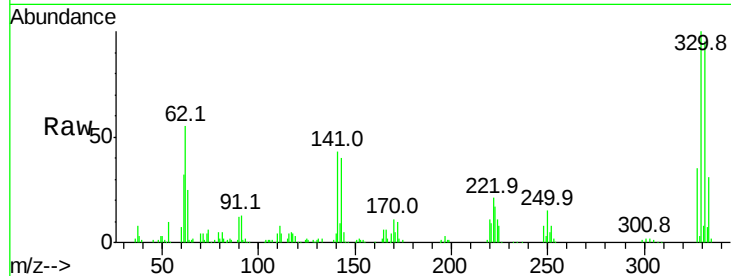
#41
 2,4,6-Tribromophenol
 Concen: 77.62 ng
 RT: 10.56 min Scan# 741
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampled :
 PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
330	100	170105		
332	95.6	78.2	117.2	
141	39.6	31.5	47.3	

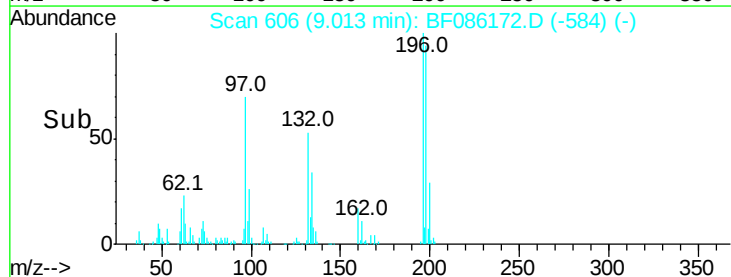
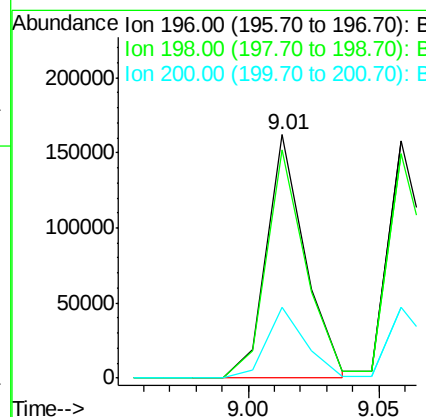
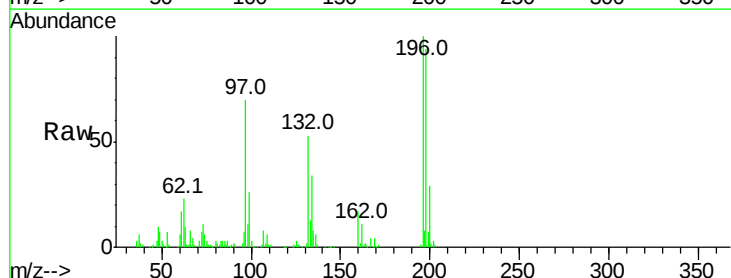
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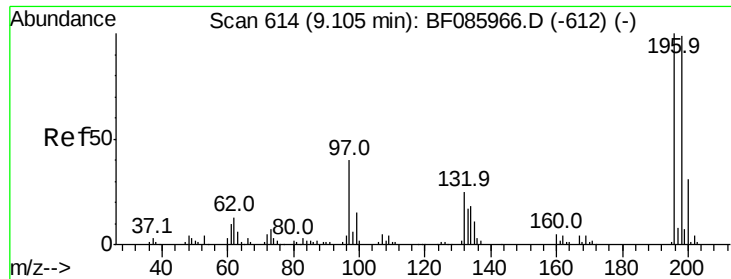
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#42
 2,4,6-Trichlorophenol
 Concen: 37.30 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	168090		
198	93.5	75.3	112.9	
200	29.2	23.7	35.5	





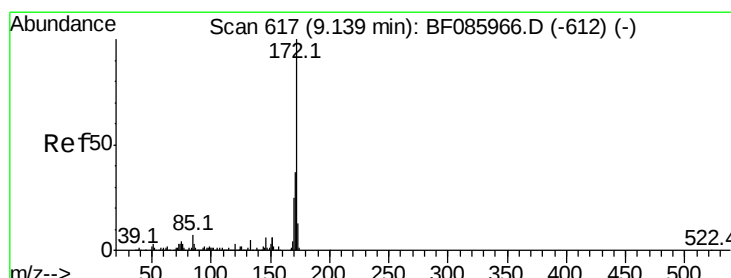
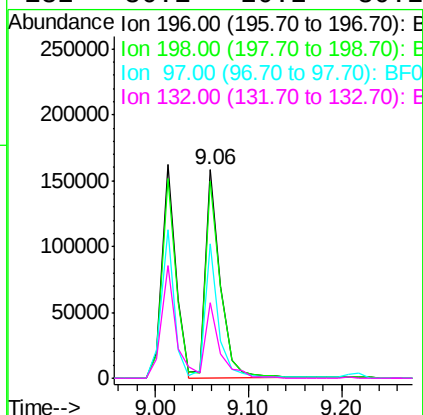
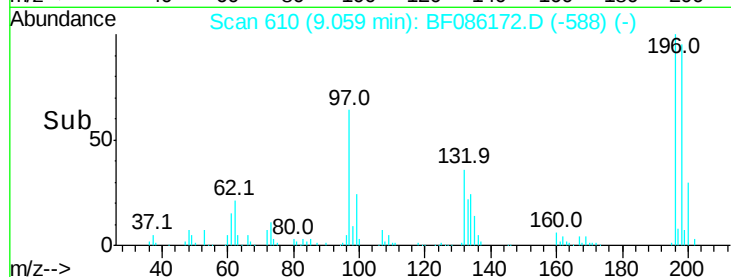
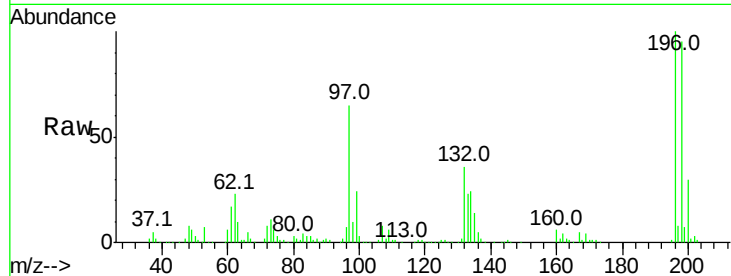
#43
 2,4,5-Trichlorophenol
 Concen: 38.82 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleID :
 PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
196	100	177606		
198	94.6	76.6	114.8	
97	64.6	30.5	45.7#	
132	36.1	20.2	30.2#	

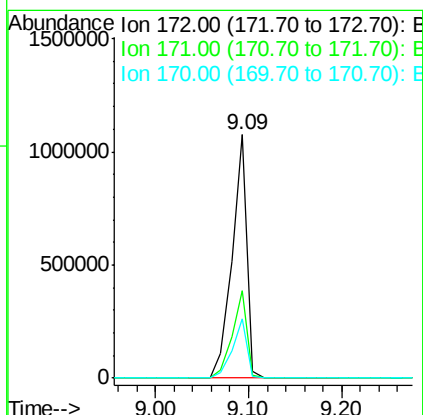
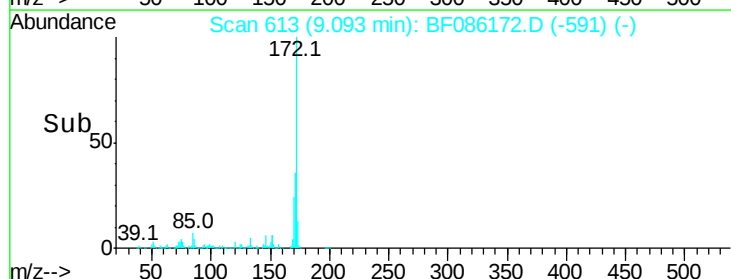
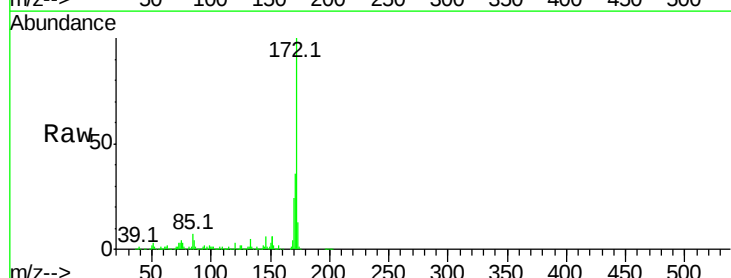
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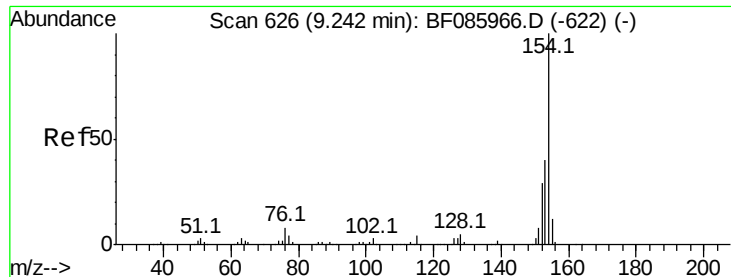
Sohil
 4/11/2016 5:45:12 PM



#44
 2-Fluorobiphenyl
 Concen: 84.91 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1192367		
171	36.1	29.4	44.2	
170	24.1	19.8	29.6	





#45

1,1'-Biphenyl

Concen: 36.24 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

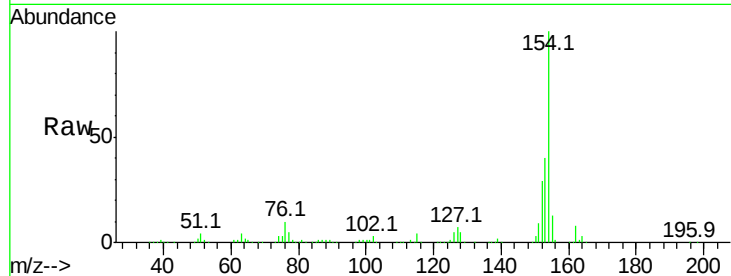
ClientSampleId :

PB89669TB

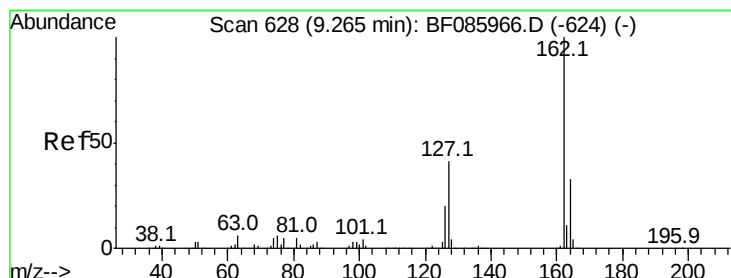
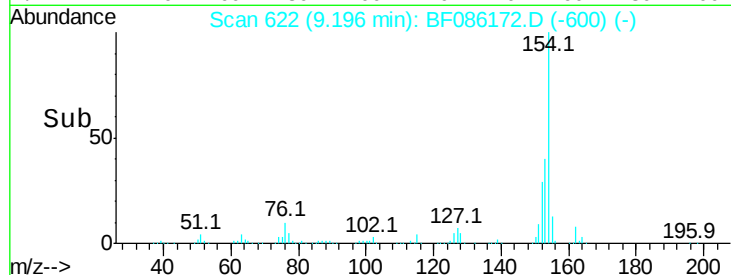
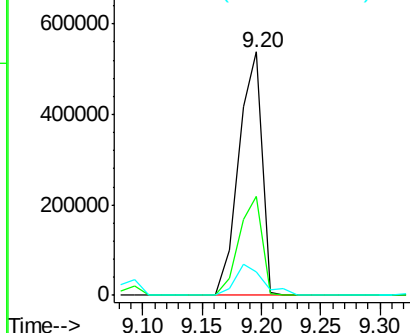
Tot Ion:	154	Resp:	729512
Ion Ratio	Lower	Upper	
154	100		
153	40.4	20.8	60.8
76	9.7	0.0	36.7

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



#46

2-Chloronaphthalene

Concen: 39.09 ng

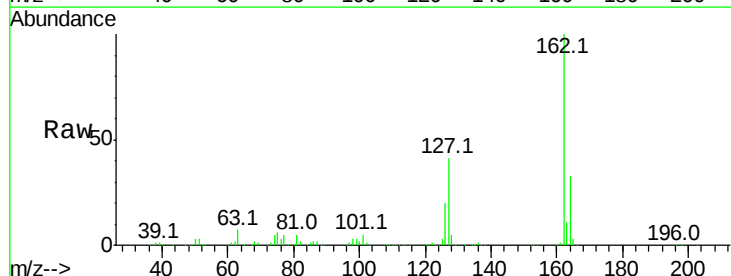
RT: 9.22 min Scan# 624

Delta R.T. -0.05 min

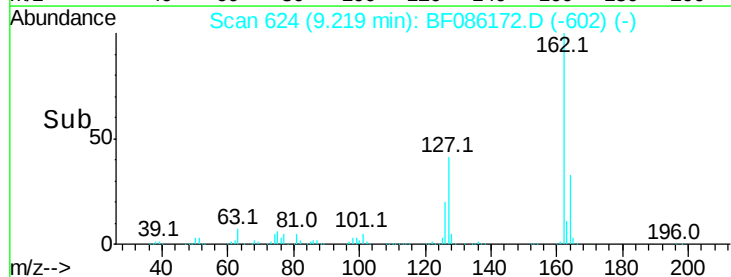
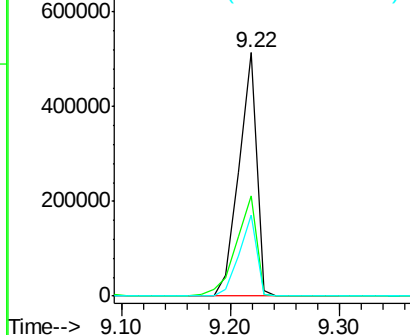
Lab File: BF086172.D

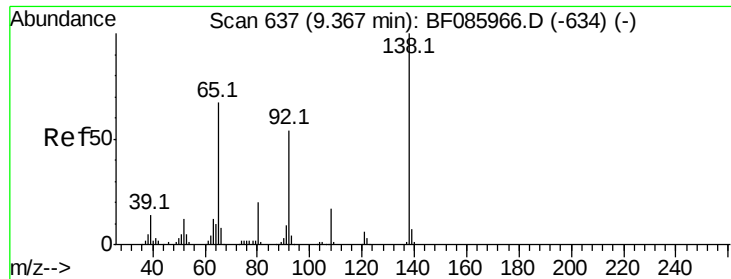
Acq: 8 Apr 2016 17:06

Tgt Ion:	162	Resp:	570534
Ion Ratio	Lower	Upper	
162	100		
127	41.3	31.7	47.5
164	33.0	27.3	40.9



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





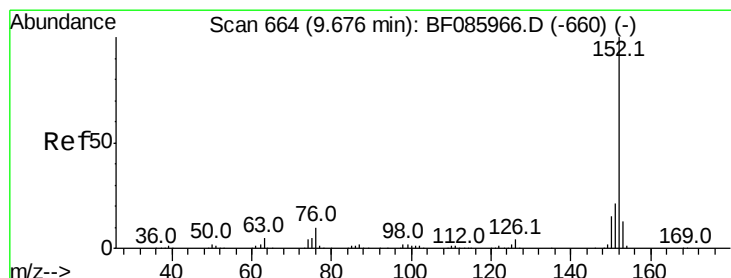
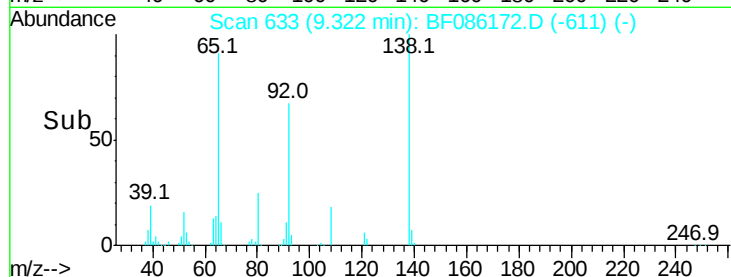
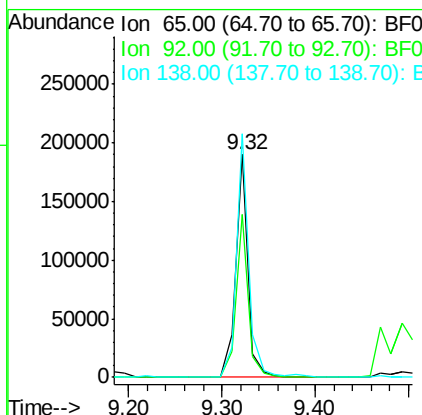
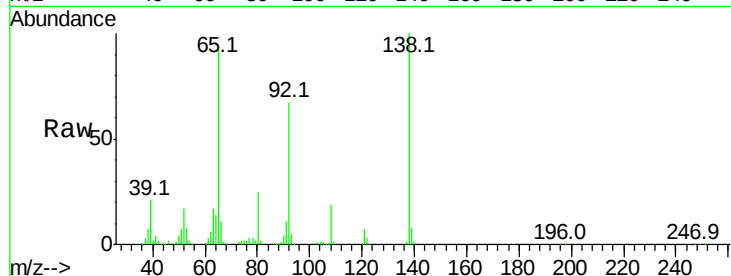
#47
2-Nitroaniline
Concen: 41.11 ng
RT: 9.32 min Scan# 633
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.0	59.7	89.5
138	109.2	91.4	137.0

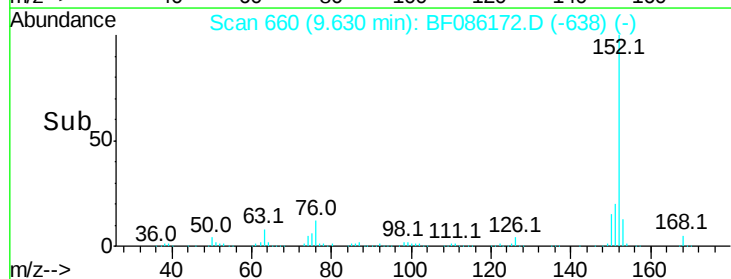
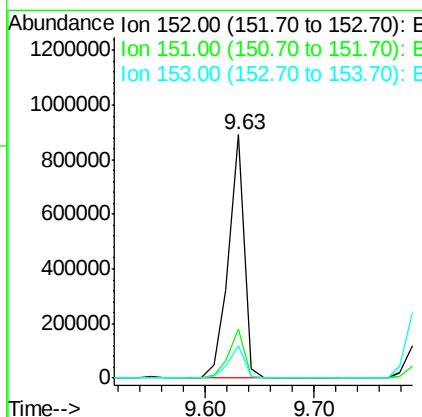
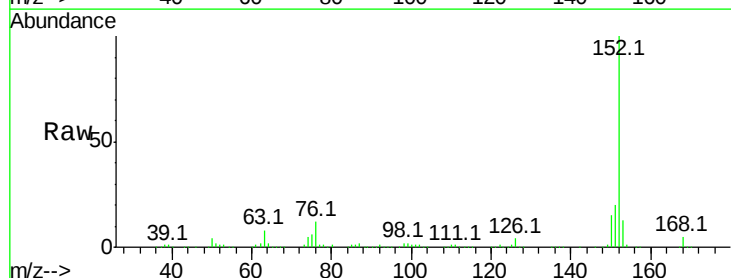
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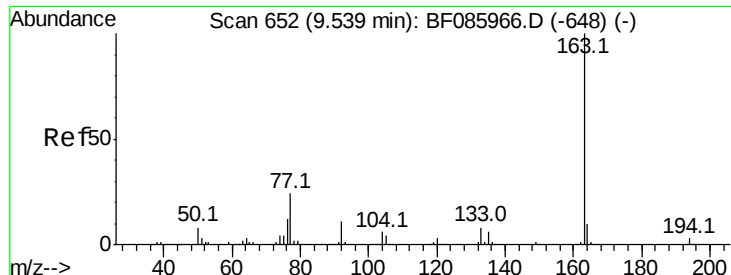
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#48
Acenaphthylene
Concen: 38.08 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.8	25.2
153	13.4	10.9	16.3





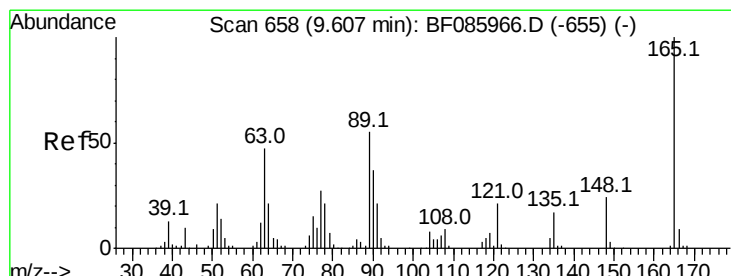
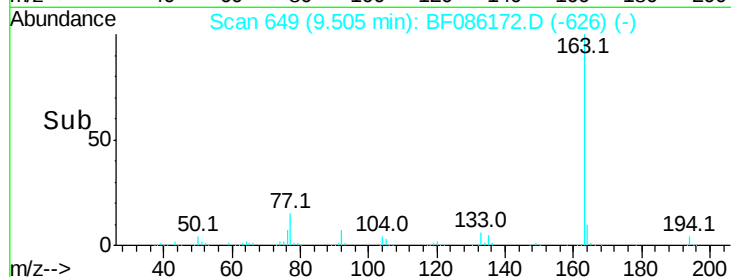
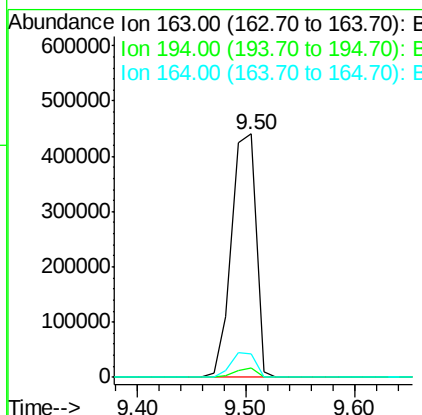
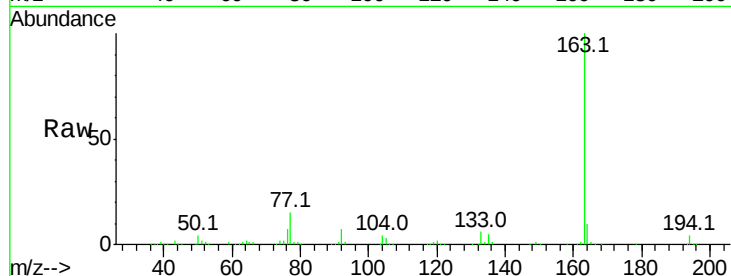
#49
Dimethylphthalate
Concen: 39.39 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
163	100	681702		
194	3.8		2.9	4.3
164	9.7		8.3	12.5

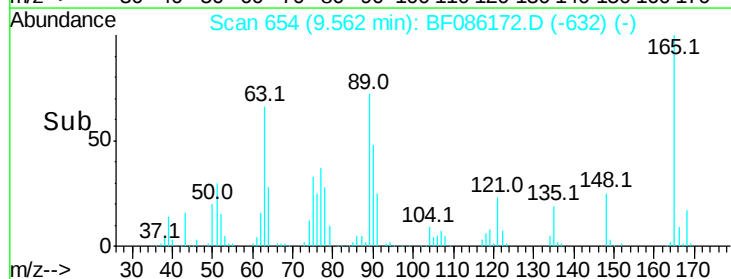
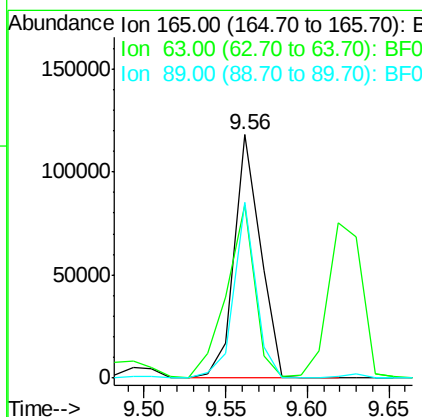
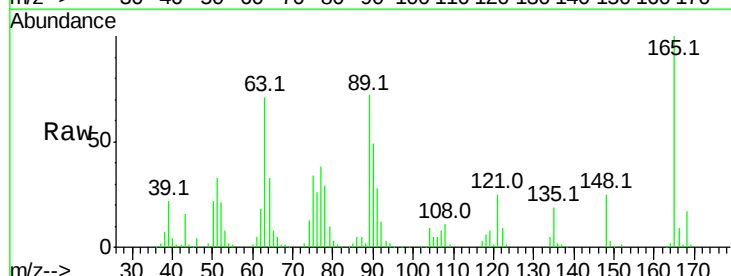
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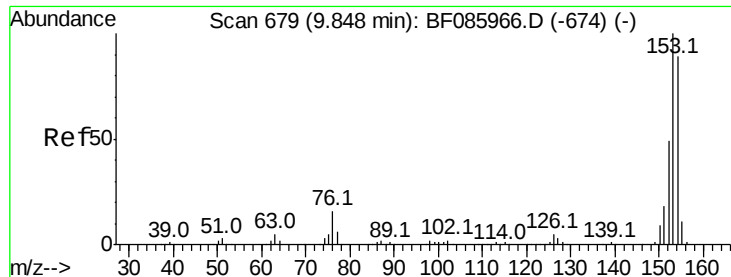
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#50
2,6-Dinitrotoluene
Concen: 35.74 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	130875		
63	71.4		51.8	77.8
89	72.3		53.7	80.5





#51

Acenaphthene

Concen: 38.58 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

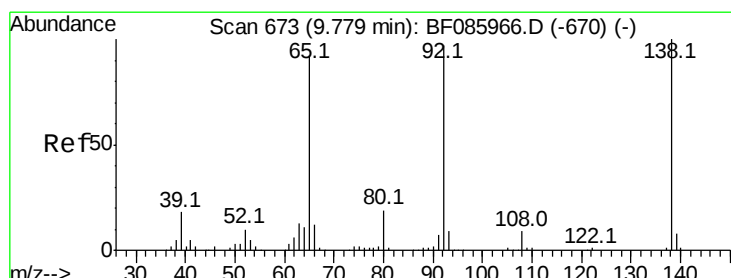
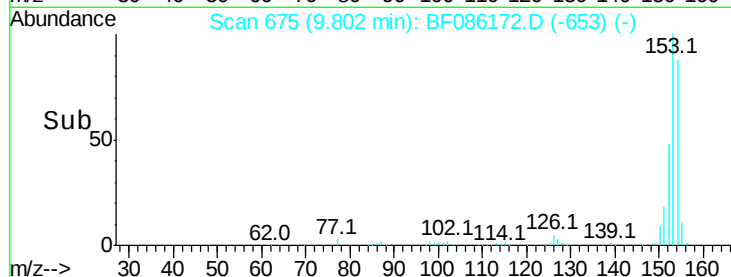
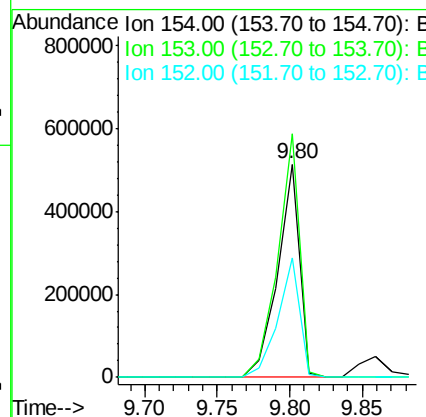
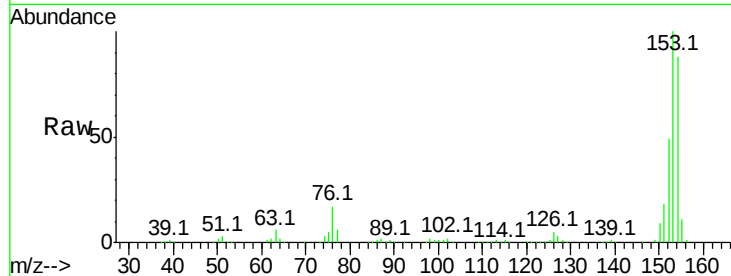
ClientSampleId :

PB89669TB

Tot Ion:	154	Resp:	536443
Ion Ratio	Lower	Upper	
154	100		
153	114.1	90.1	135.1
152	56.2	44.2	66.2

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#52

3-Nitroaniline

Concen: 14.23 ng

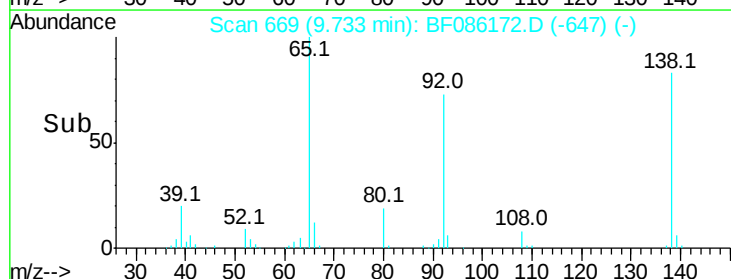
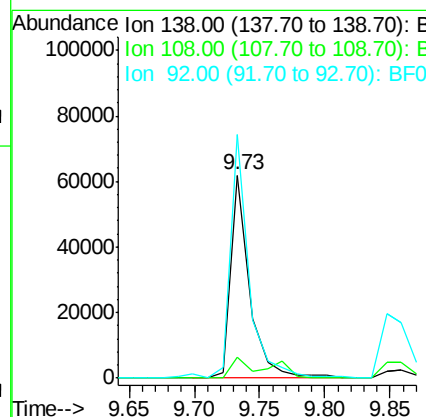
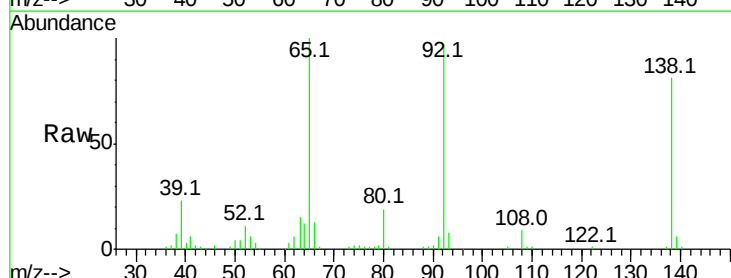
RT: 9.73 min Scan# 669

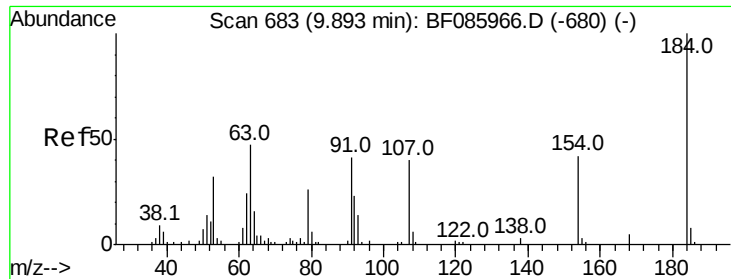
Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	138	Resp:	62793
Ion Ratio	Lower	Upper	
138	100		
108	10.6	8.7	13.1
92	119.9	93.3	139.9





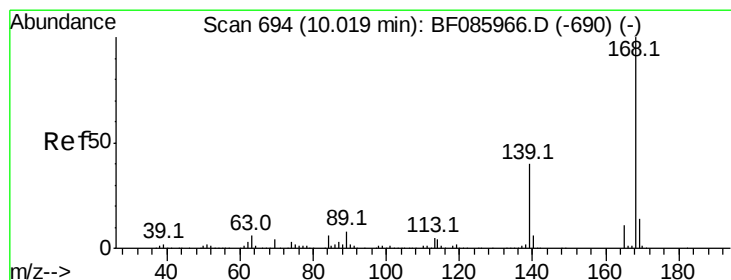
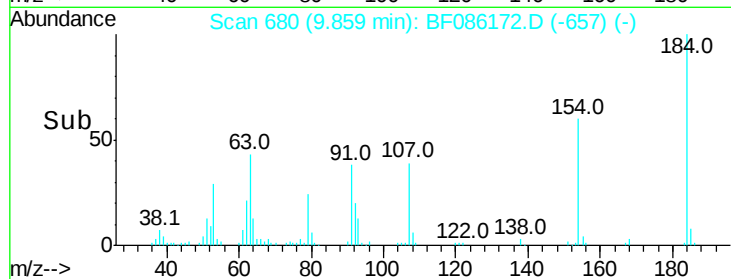
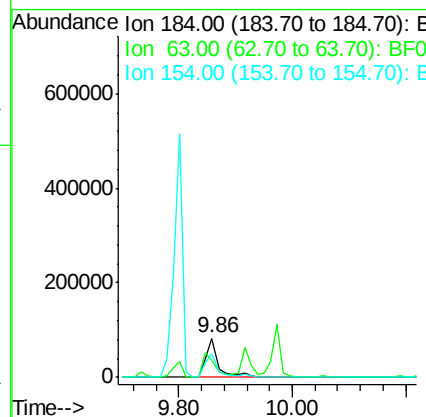
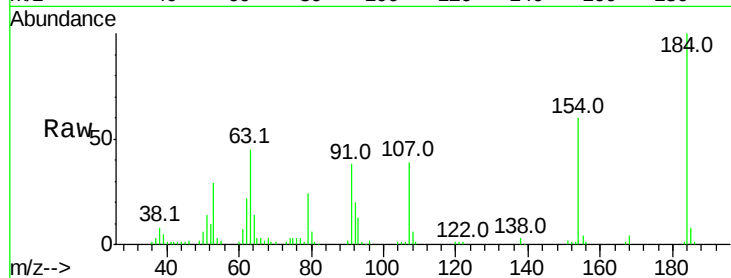
#53
 2,4-Dinitrophenol
 Concen: 60.18 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.03 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
184	100	131621		
63	44.8	69.5	104.3	#
154	59.8	58.3	87.5	

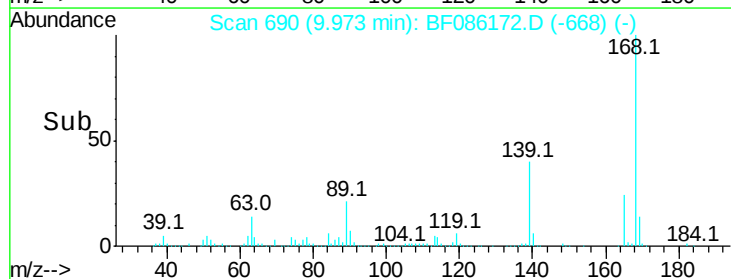
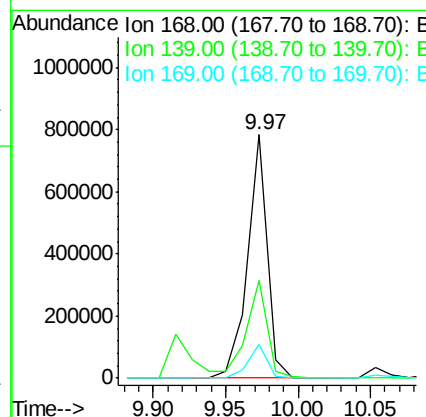
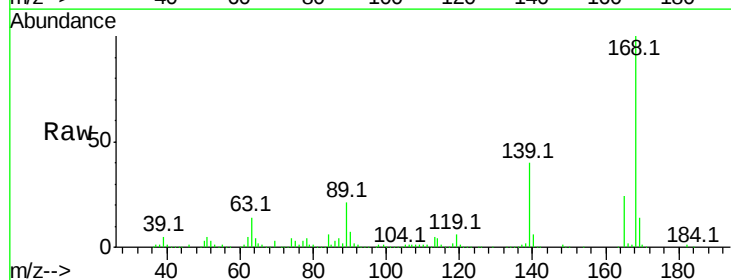
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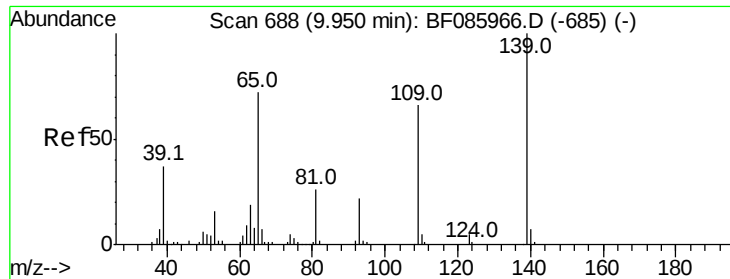
Sohil
 4/11/2016 5:45:12 PM



#54
 Dibenzofuran
 Concen: 40.01 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	734724		
139	40.4	31.9	47.9	
169	13.7	11.0	16.6	





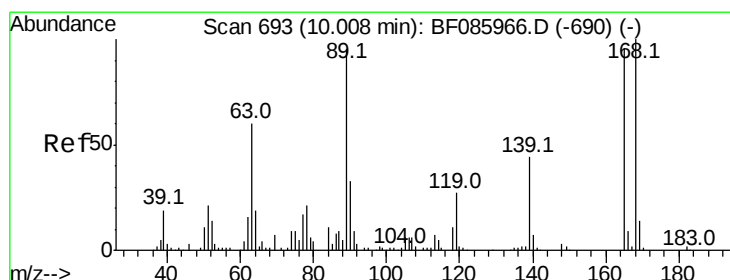
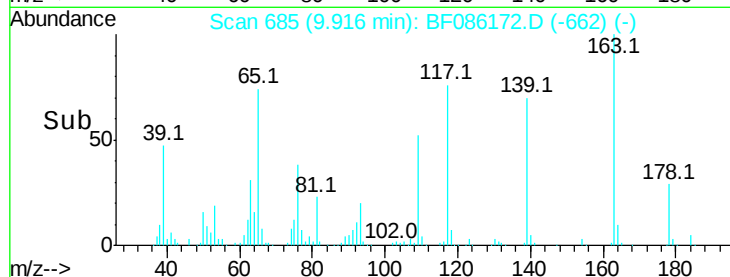
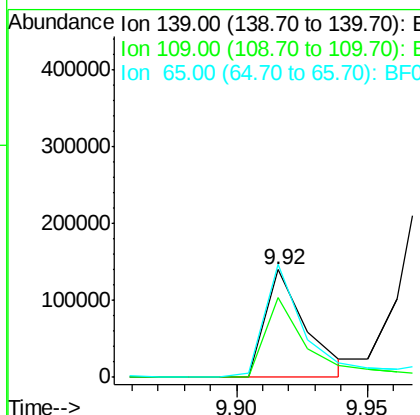
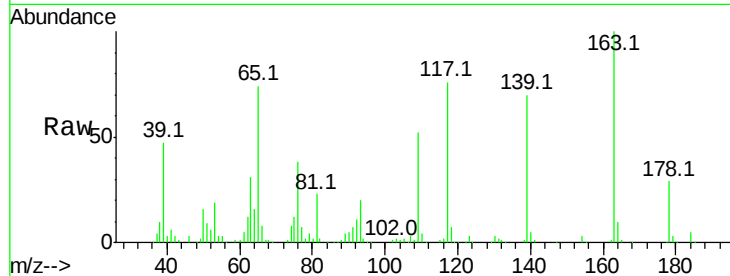
#55
4-Nitrophenol
Concen: 58.78 ng
RT: 9.92 min Scan# 685
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
139	100	152915		
109	74.3	49.2	89.2	
65	105.1	66.9	106.9	

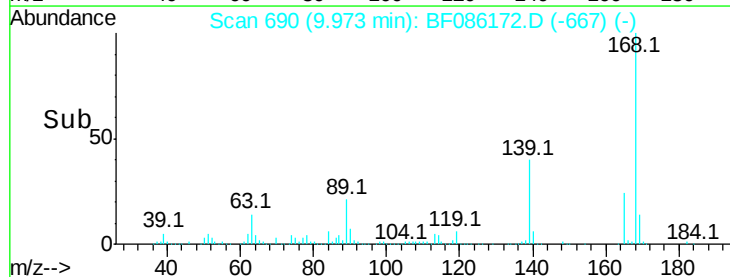
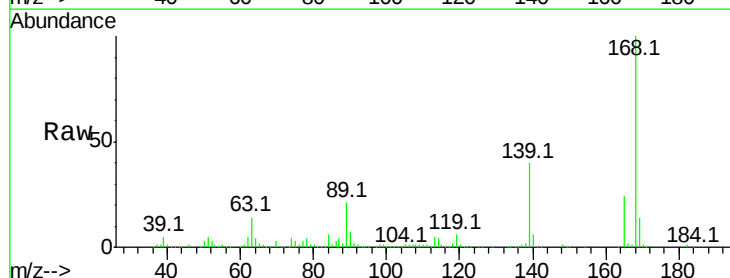
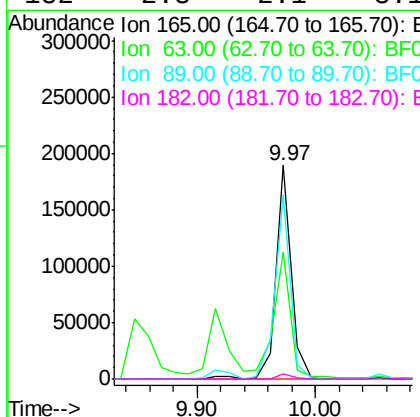
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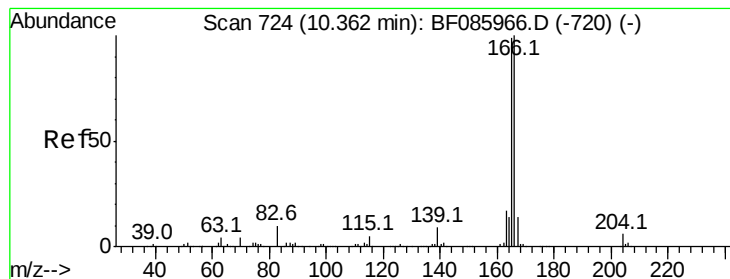
Sohil
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#56
2,4-Dinitrotoluene
Concen: 36.62 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	169406		
63	59.2	24.9	37.3#	
89	86.3	41.0	61.6#	
182	2.3	2.1	3.1	





#57

Fluorene

Concen: 39.14 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

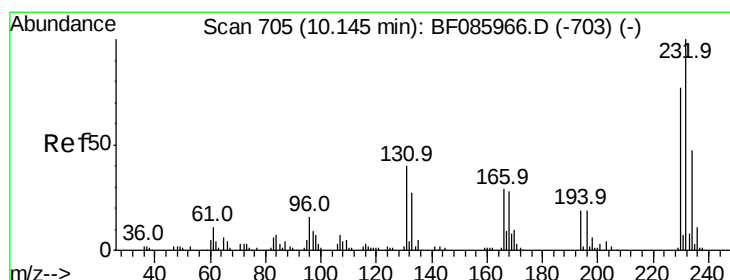
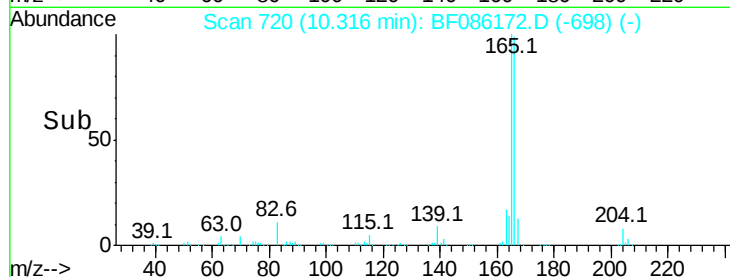
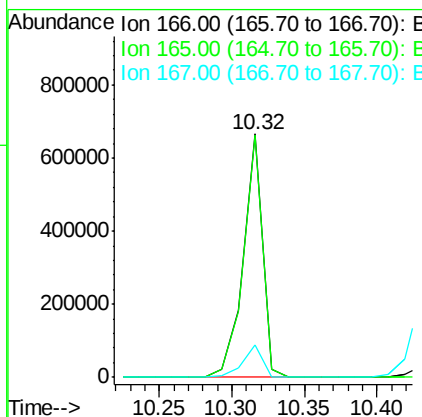
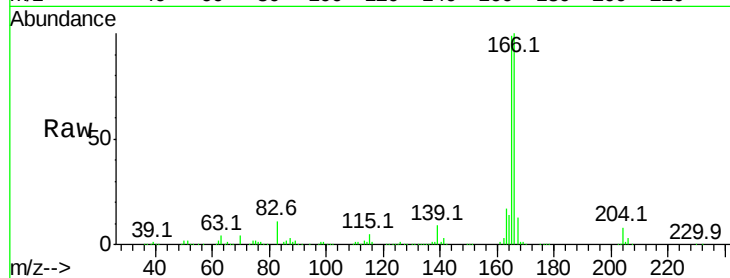
ClientSampleId :

PB89669TB

Tot Ion:	166	Resp:	613972
Ion Ratio	Lower	Upper	
166	100		
165	99.5	79.4	119.0
167	13.4	11.0	16.4

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.03 ng

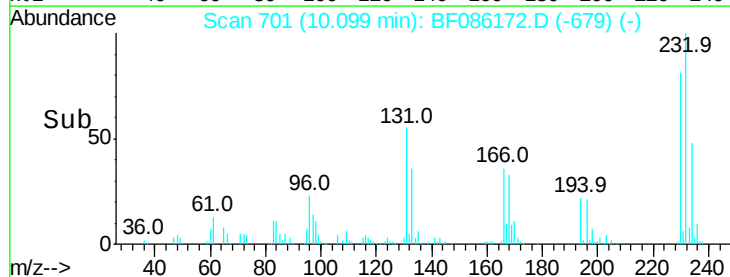
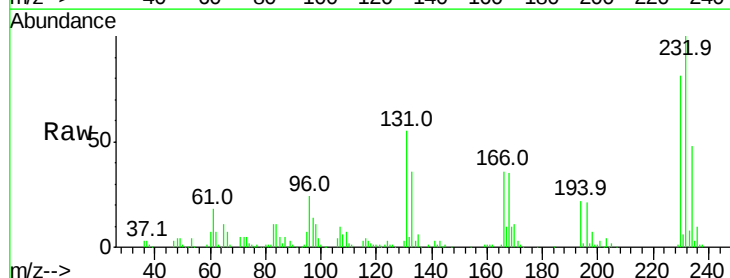
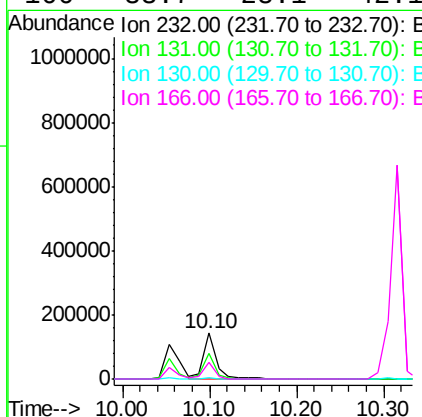
RT: 10.10 min Scan# 701

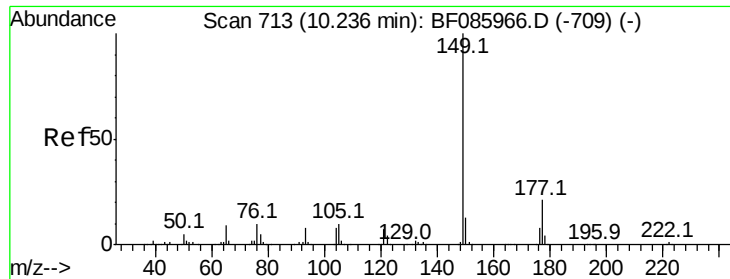
Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	232	Resp:	139787
Ion Ratio	Lower	Upper	
232	100		
131	54.7	44.9	67.3
130	2.7	2.3	3.5
166	33.7	28.1	42.1





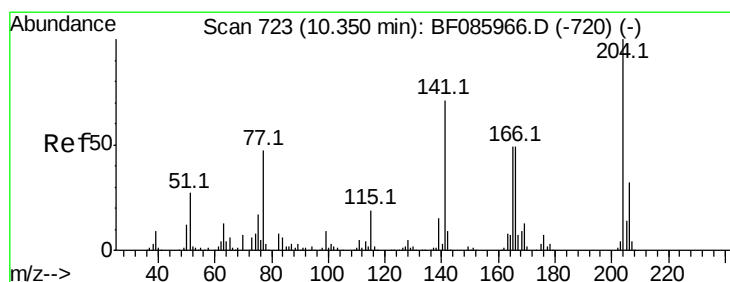
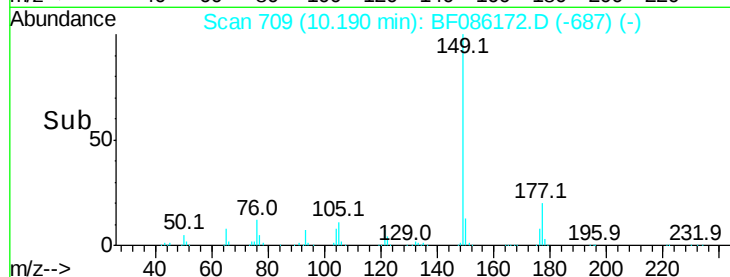
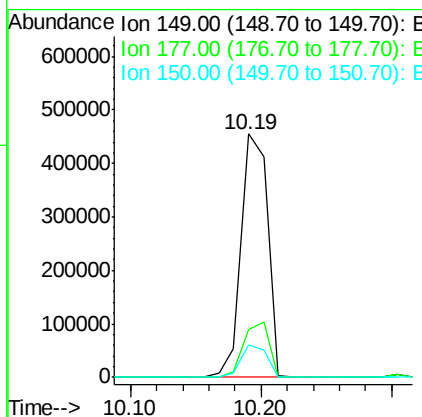
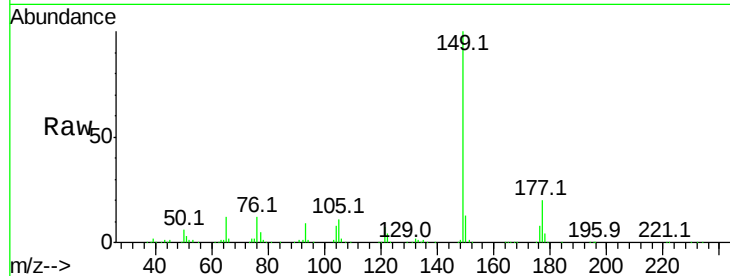
#59
Diethylphthalate
Concen: 36.57 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
149	100	638794		
177	19.5		17.9	26.9
150	13.1		10.2	15.2

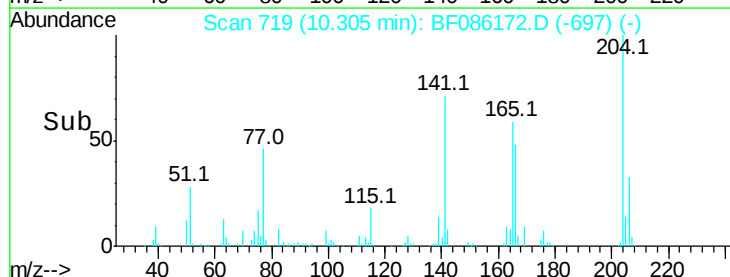
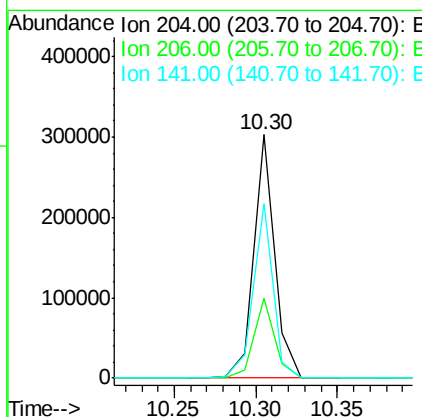
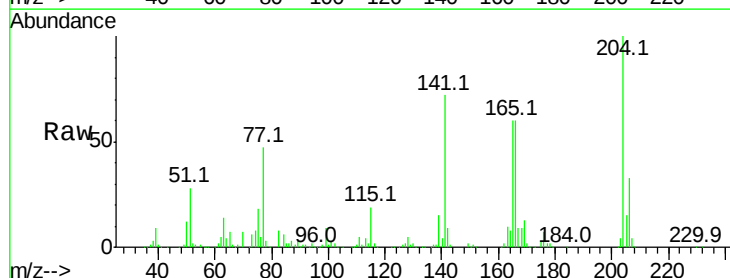
Manual Integrations
APPROVED

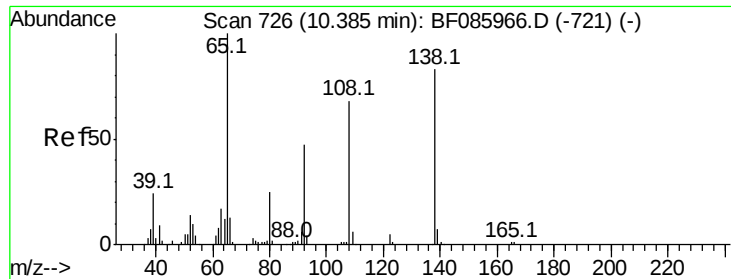
Sohil
4/11/2016 5:45:12 PM



#60
4-Chlorophenyl-phenylether
Concen: 36.83 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	269100		
206	32.6		26.6	39.8
141	71.8		57.4	86.0





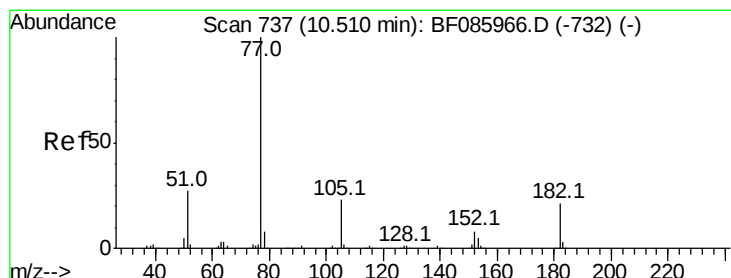
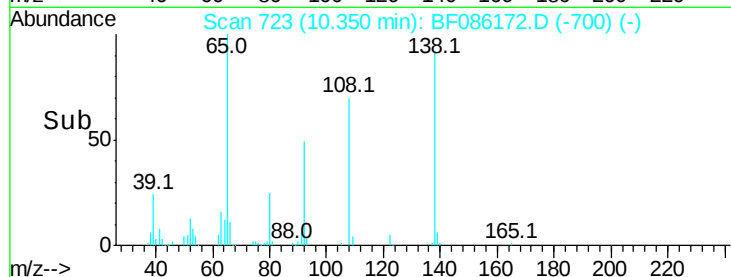
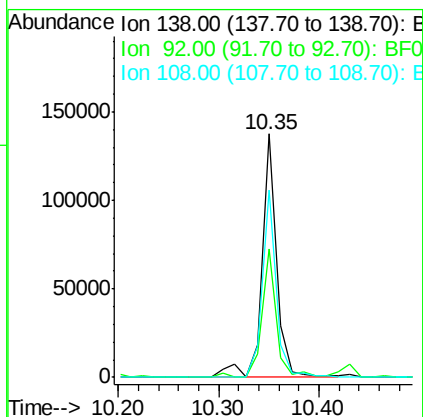
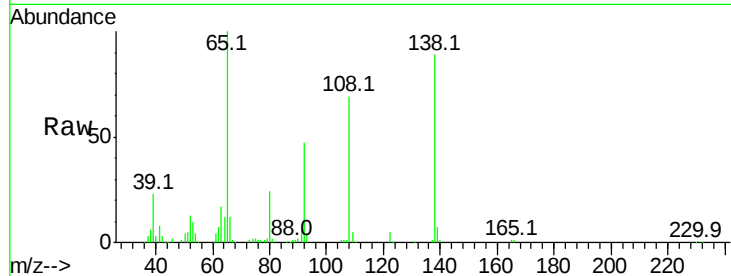
#61
4-Nitroaniline
Concen: 32.53 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
138	100	141380		
92	53.0	26.4	66.4	
108	77.1	49.0	89.0	

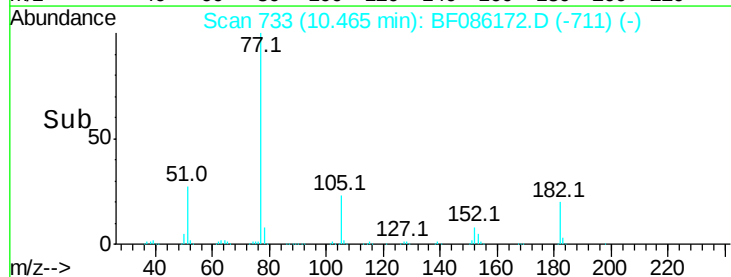
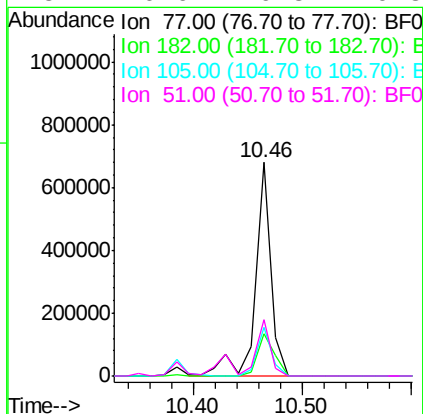
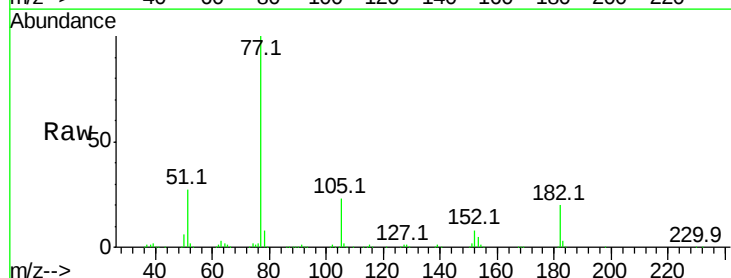
Manual Integrations
APPROVED

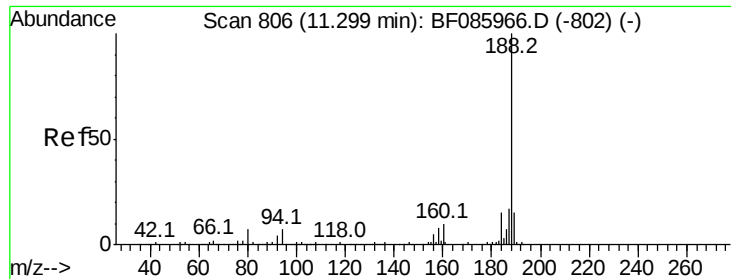
Sohil
4/11/2016 5:45:12 PM



#62
Azobenzene
Concen: 41.05 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	686792		
182	20.0	1.9	41.9	
105	22.9	3.5	43.5	
51	26.6	6.3	46.3	





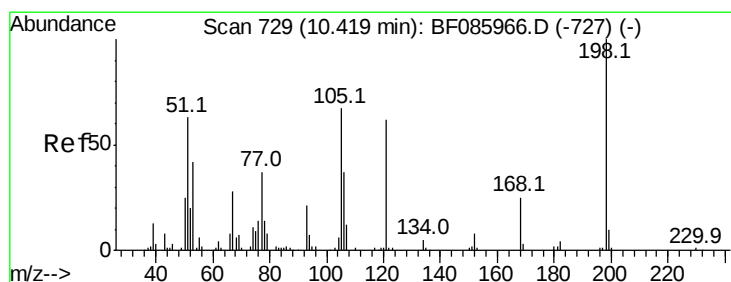
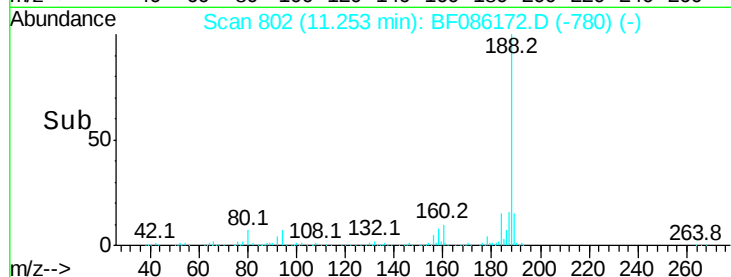
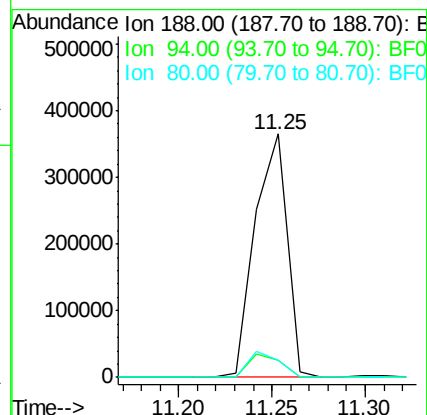
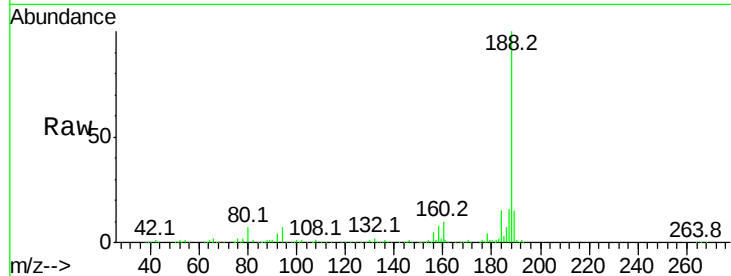
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampled :
PB89669TB

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.9	5.4	8.0
80	7.1	5.5	8.3

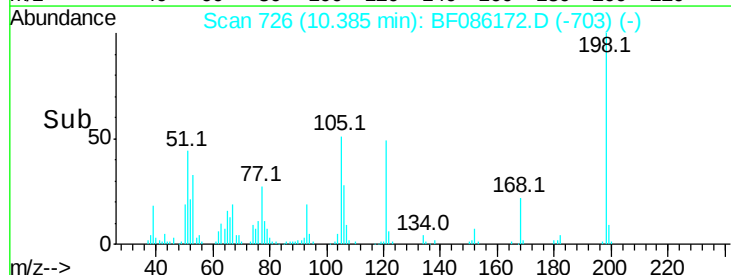
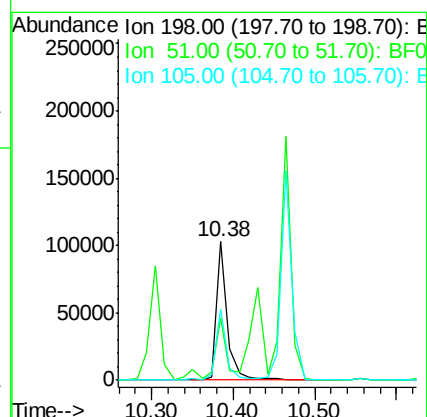
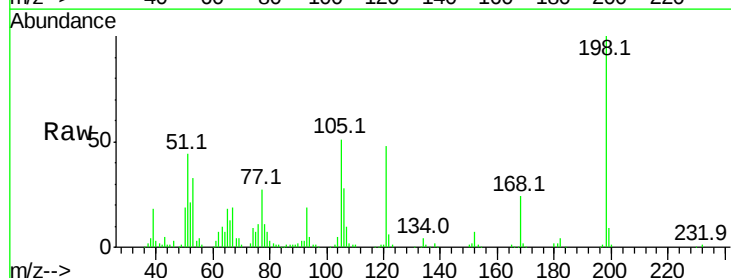
Manual Integrations
APPROVED

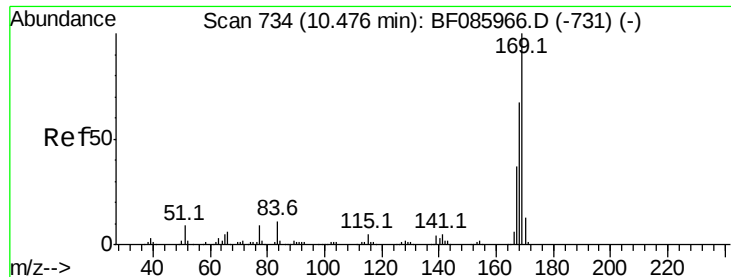
Sohil
4/11/2016 5:45:12 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 37.25 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.03 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	44.4	45.4	85.4#
105	51.0	45.9	85.9





#65

n-Nitrosodiphenylamine

Concen: 39.04 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

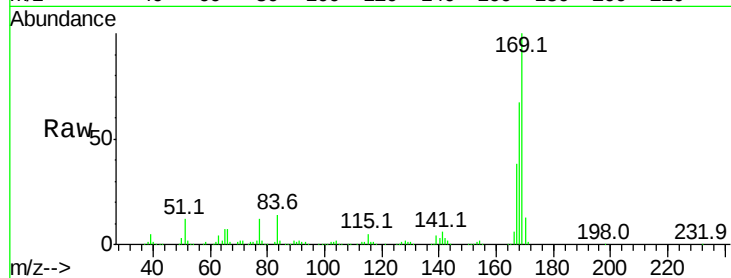
PB89669TB

Manual Integrations
APPROVED

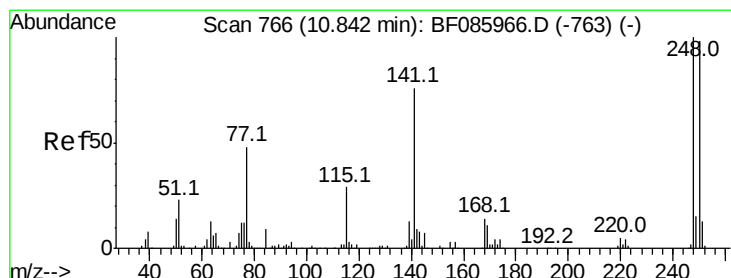
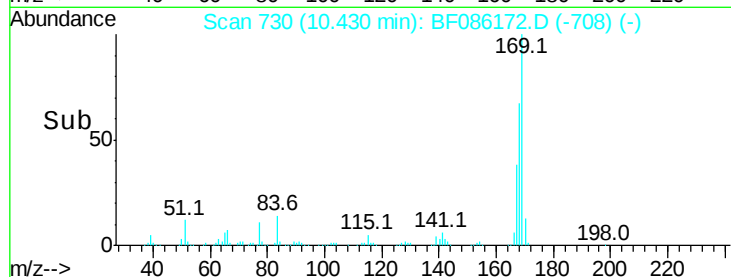
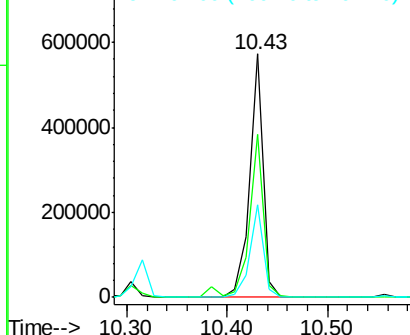
Sohil

4/11/2016 5:45:12 PM

Tot Ion:	169	Resp:	531453
Ion Ratio	Lower	Upper	
169	100		
168	66.7	54.4	81.6
167	37.8	29.4	44.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.36 ng

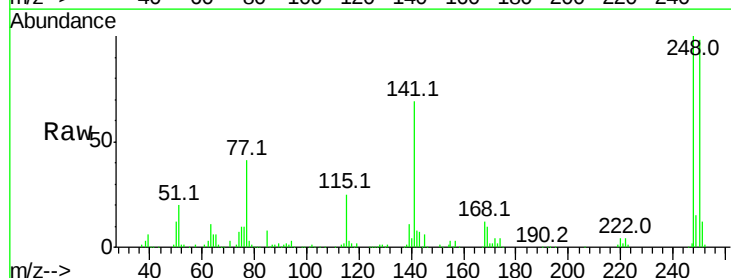
RT: 10.80 min Scan# 762

Delta R.T. -0.05 min

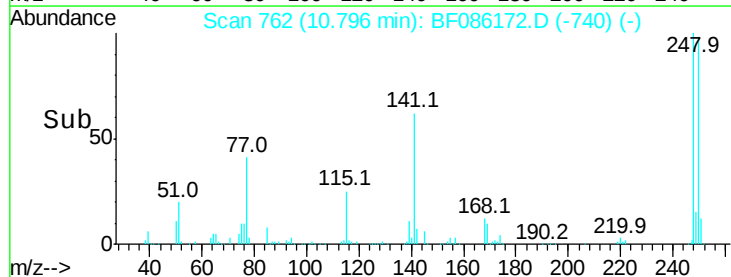
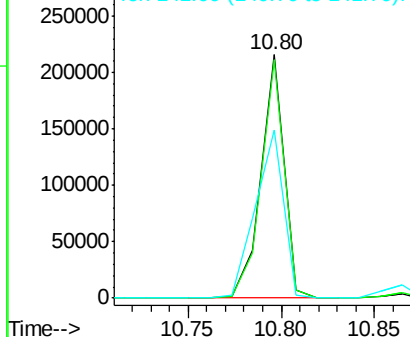
Lab File: BF086172.D

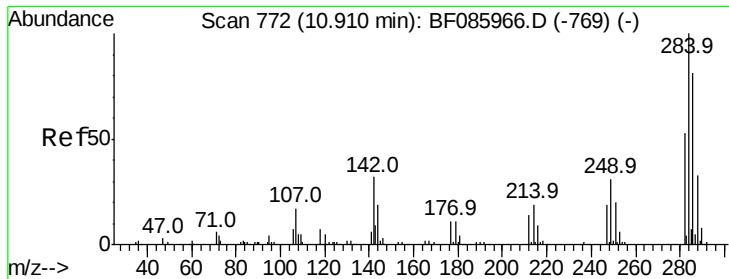
Acq: 8 Apr 2016 17:06

Tgt Ion:	248	Resp:	183788
Ion Ratio	Lower	Upper	
248	100		
250	98.2	77.4	116.0
141	69.0	63.6	95.4



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





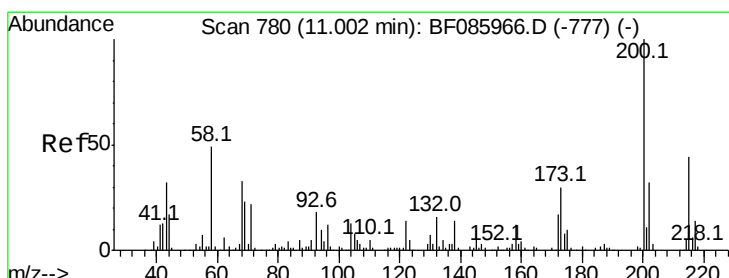
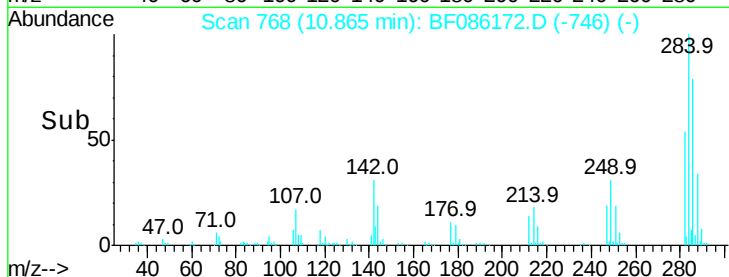
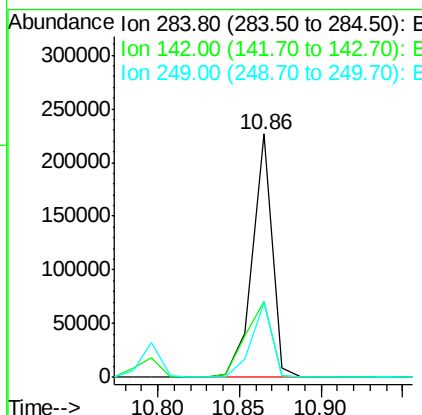
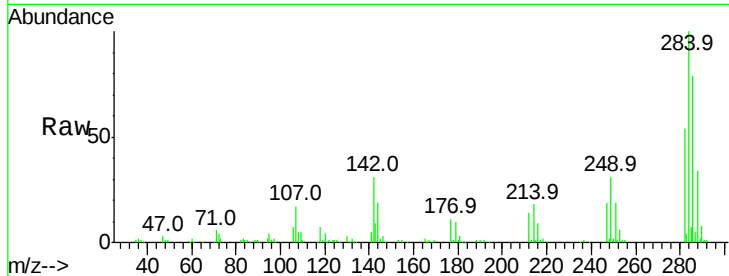
#67
Hexachlorobenzene
Concen: 41.66 ng
RT: 10.86 min Scan# 768
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
284	100	191430		
142	31.4	23.1	34.7	
249	30.7	24.2	36.2	

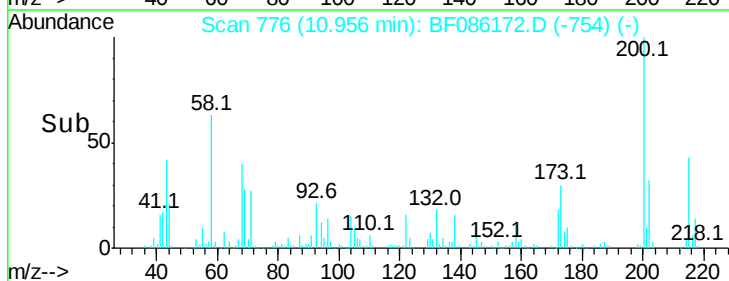
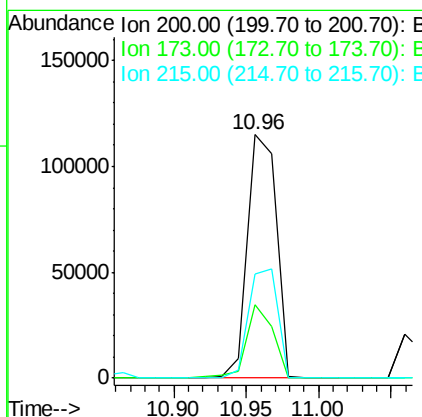
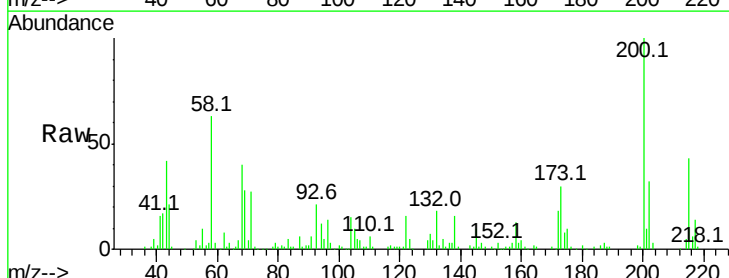
Manual Integrations
APPROVED

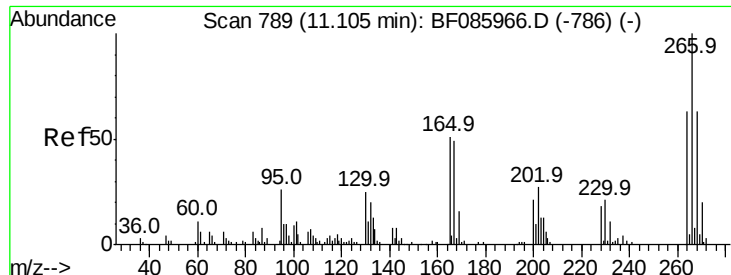
Sohil
4/11/2016 5:45:12 PM



#68
Atrazine
Concen: 36.23 ng
RT: 10.96 min Scan# 776
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	159359		
173	29.9	7.7	47.7	
215	42.9	25.4	65.4	





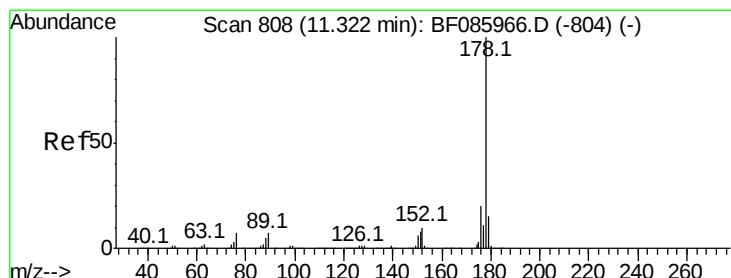
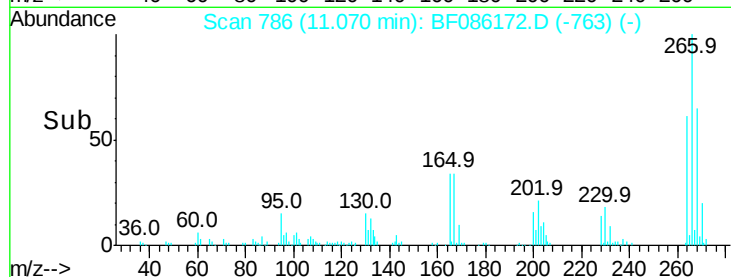
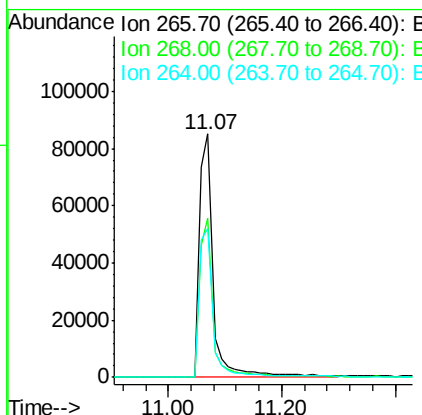
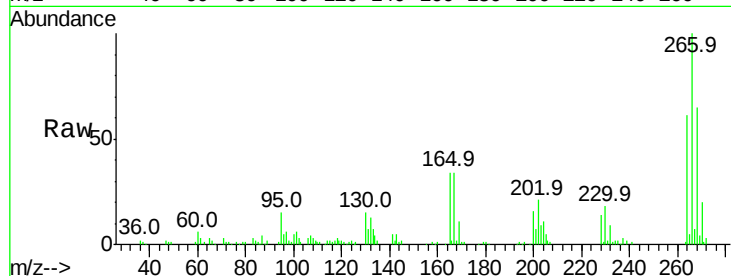
#69
 Pentachlorophenol
 Concen: 65.04 ng
 RT: 11.07 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
266	100	140064		
268	65.1	51.5	77.3	
264	61.2	50.6	76.0	

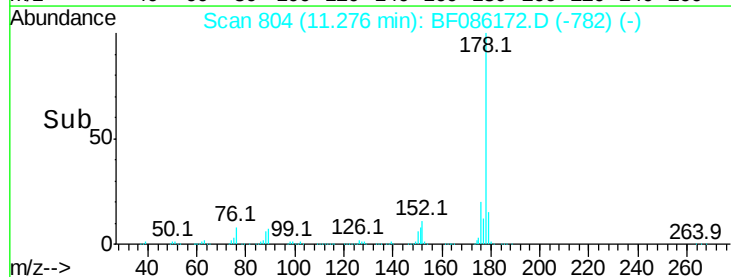
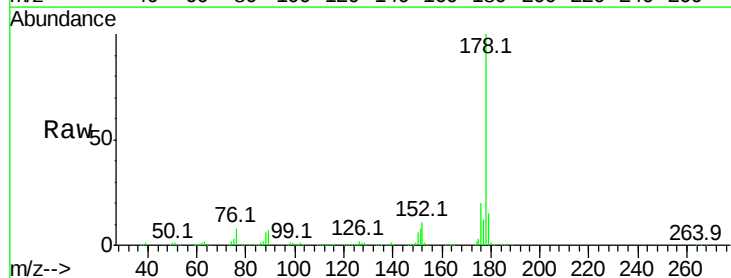
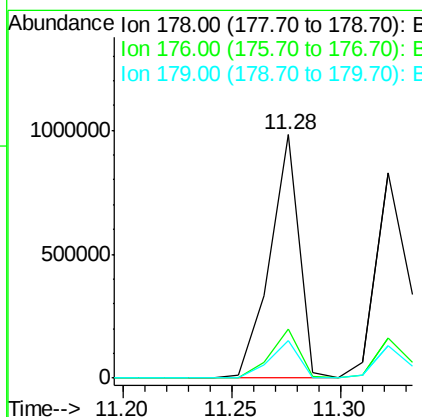
Manual Integrations
 APPROVED

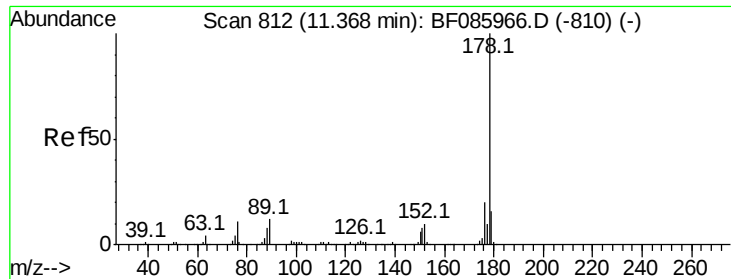
Sohil
 4/11/2016 5:45:12 PM



#70
 Phenanthrene
 Concen: 39.06 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	927533		
176	20.3	16.3	24.5	
179	15.4	12.6	18.8	





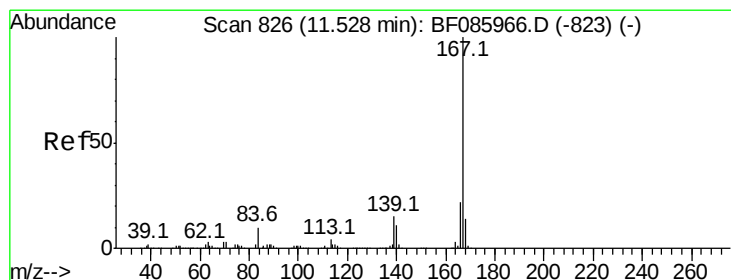
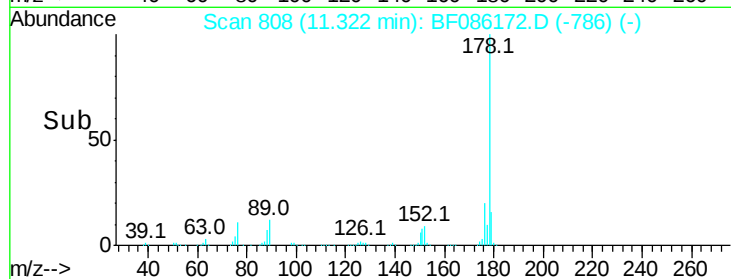
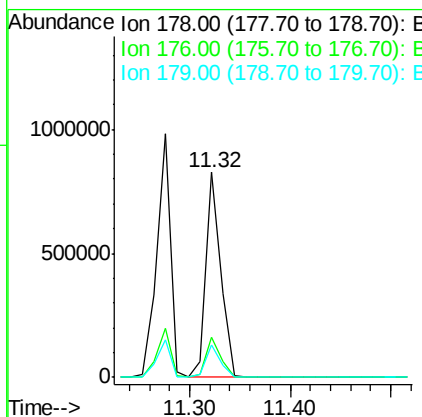
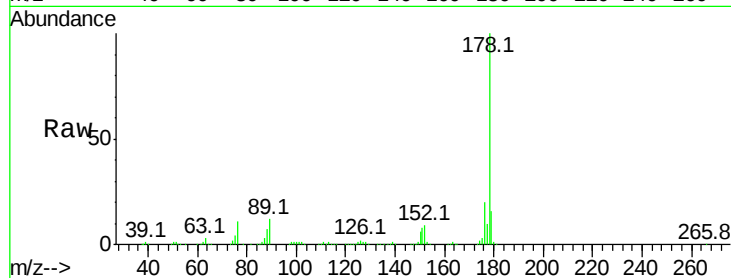
#71
 Anthracene
 Concen: 34.41 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.9	23.9
179	16.1	13.0	19.4

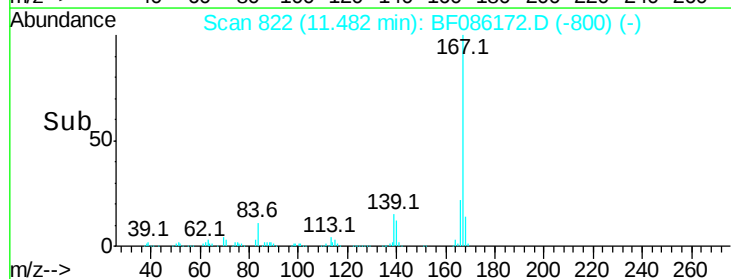
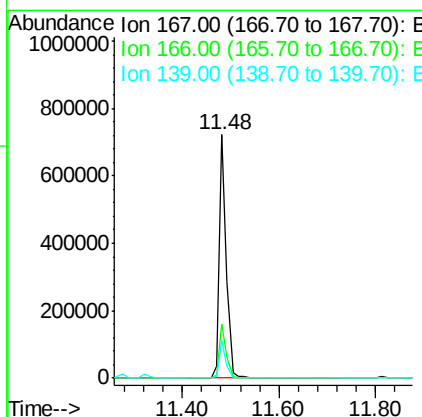
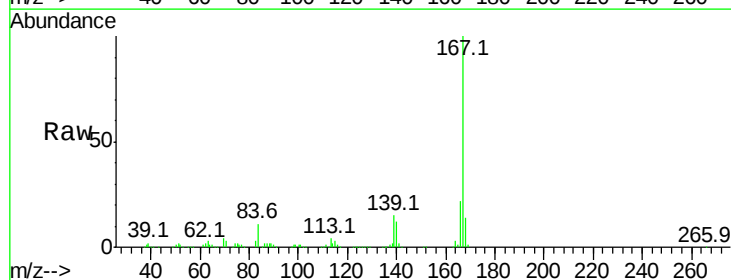
Manual Integrations
 APPROVED

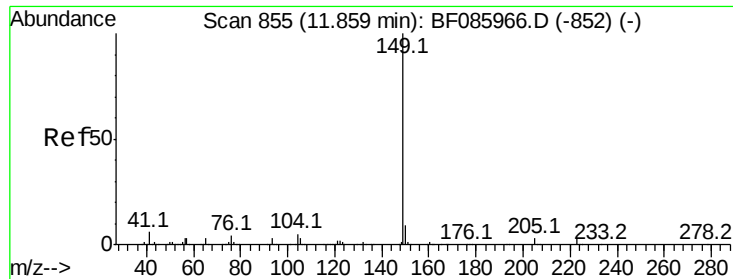
Sohil
 4/11/2016 5:45:12 PM



#72
 Carbazole
 Concen: 34.78 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.8
139	15.3	11.6	17.4





#73

Di-n-butylphthalate

Concen: 38.23 ng

RT: 11.81 min Scan# 851

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

ClientSampleId :

PB89669TB

Tot Ion:149 Resp: 1012979

Ion Ratio Lower Upper

149 100

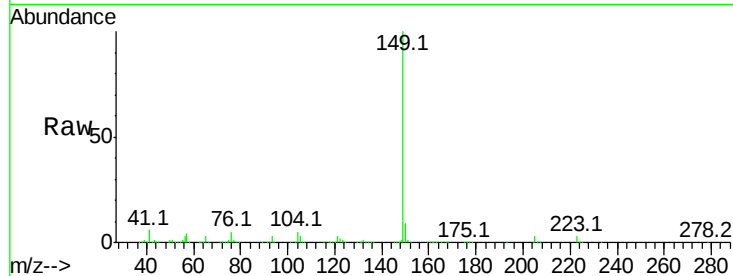
150 9.5 7.6 11.4

104 5.0 3.8 5.8

Manual Integrations
APPROVED

Sohil

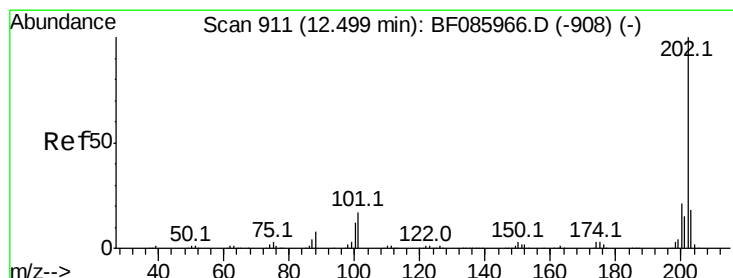
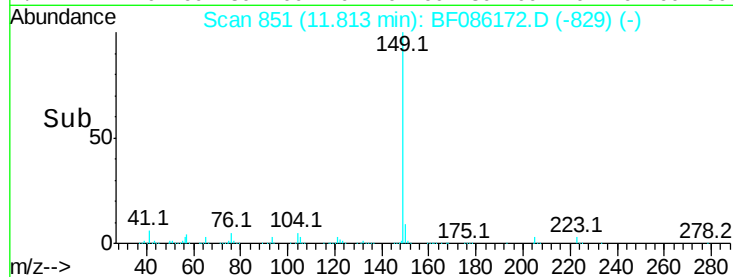
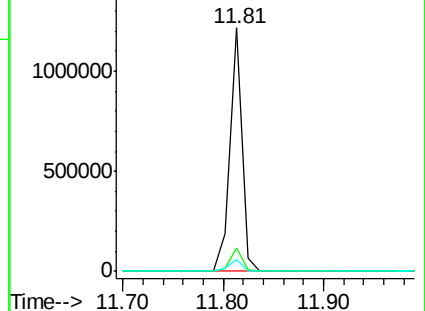
4/11/2016 5:45:12 PM



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: 34.82 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

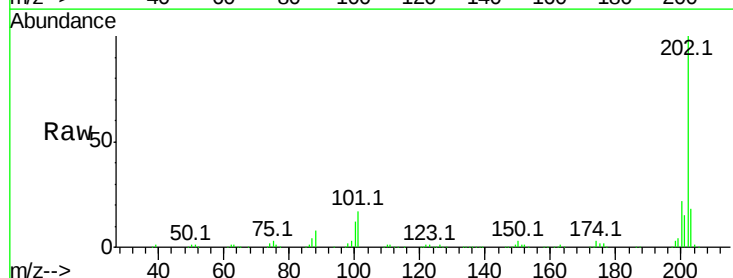
Tgt Ion:202 Resp: 859917

Ion Ratio Lower Upper

202 100

101 16.8 0.0 36.6

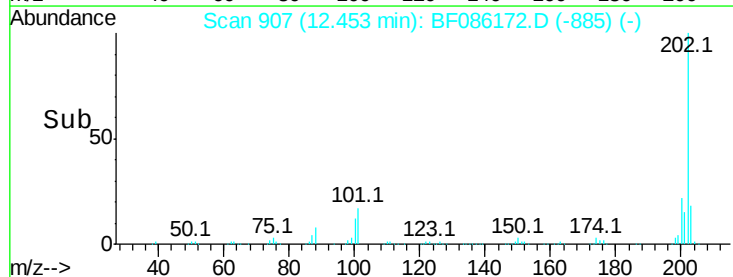
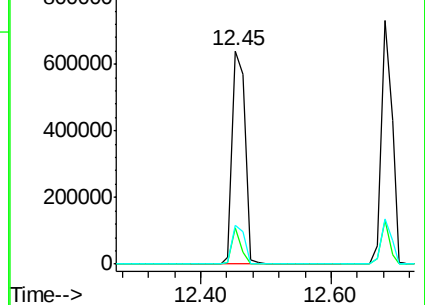
203 18.3 0.0 38.1

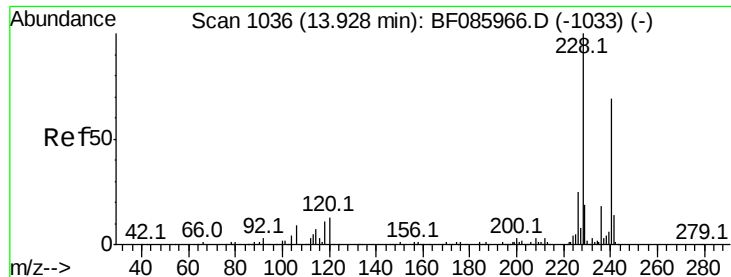


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.88 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

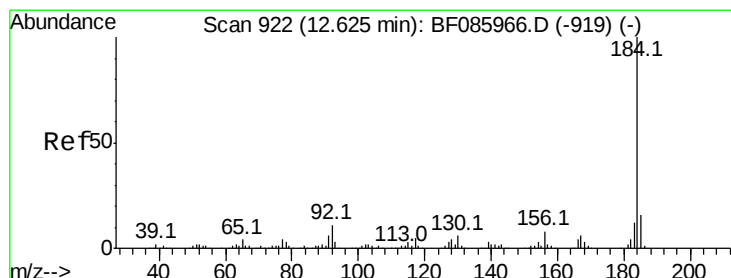
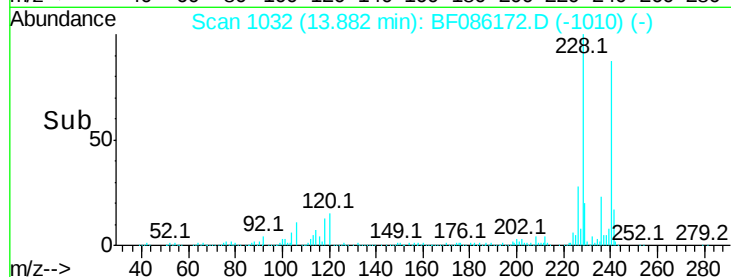
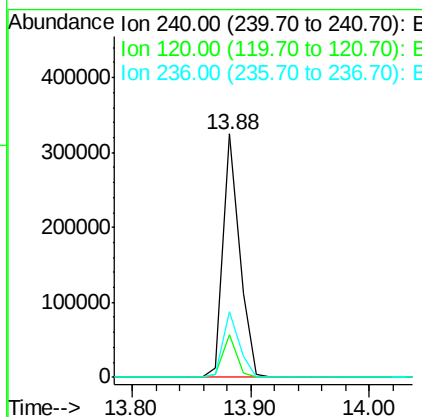
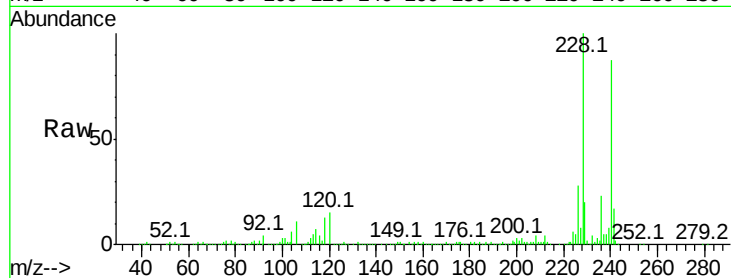
ClientSampleId :

PB89669TB

Tot Ion:	240	Resp:	312473
Ion Ratio	Lower	Upper	
240	100		
120	17.4	13.8	20.8
236	26.8	20.6	30.8

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#76

Benzidine

Concen: 13.41 ng

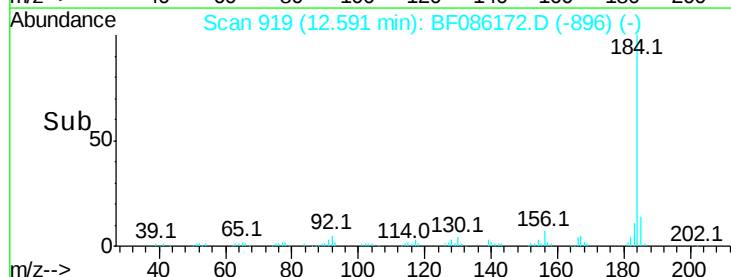
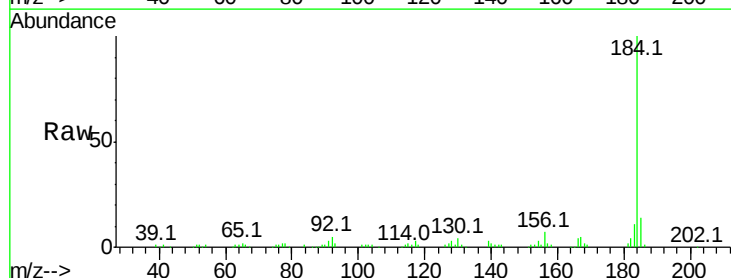
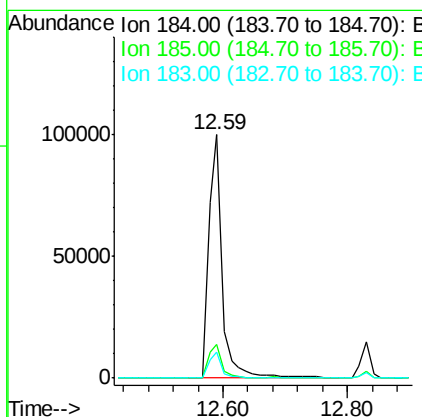
RT: 12.59 min Scan# 919

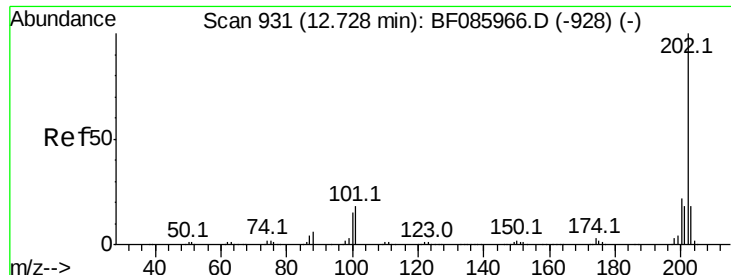
Delta R.T. -0.03 min

Lab File: BF086172.D

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Tgt Ion:	184	Resp:	147830
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.4	18.6
183	10.9	9.4	14.2





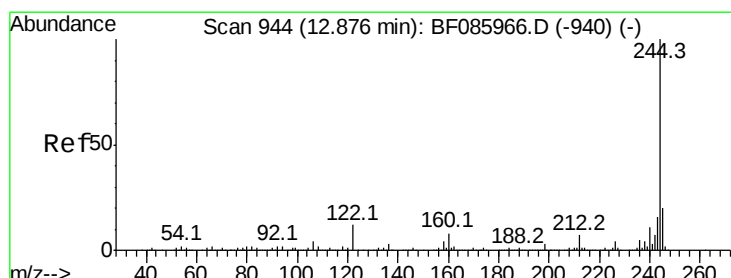
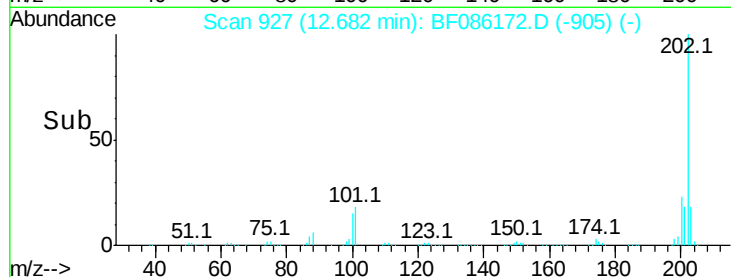
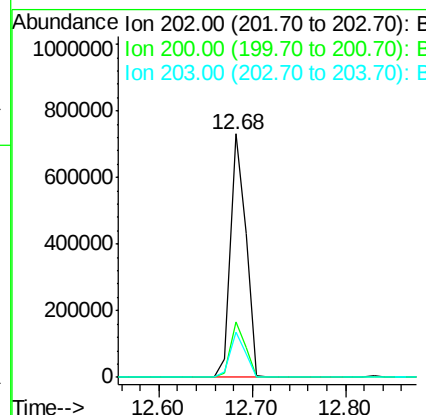
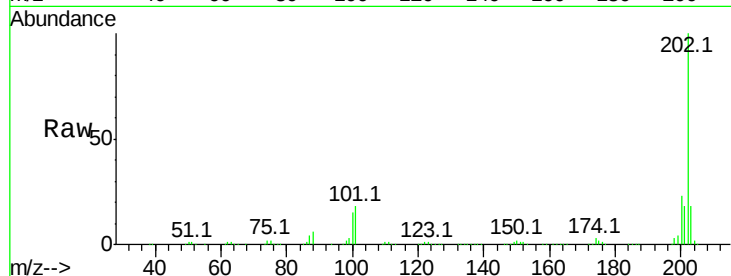
#77
Pvrene
Concen: 38.44 ng
RT: 12.68 min Scan# 927
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
202	100	846502		
200	22.6		17.6	26.4
203	18.5		14.0	21.0

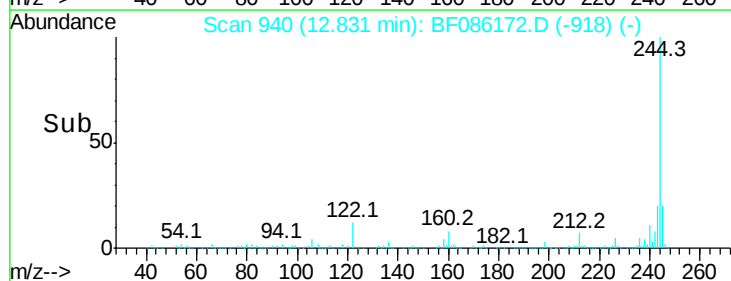
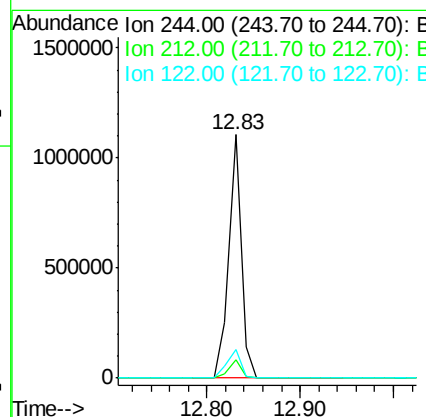
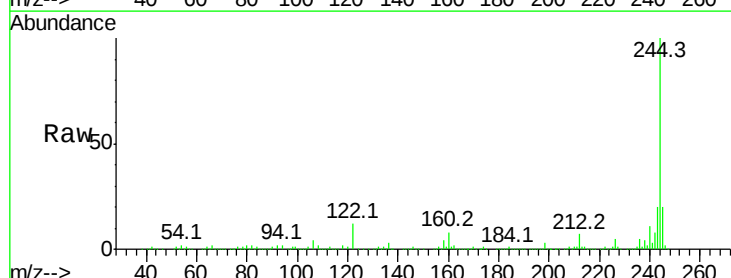
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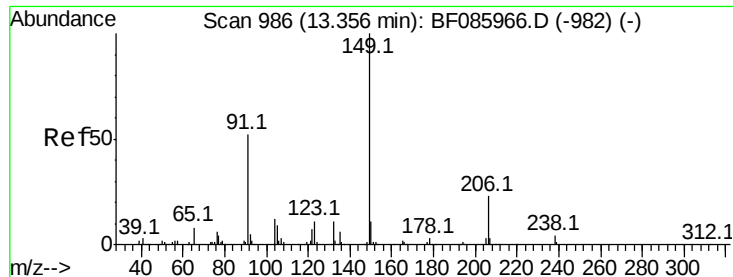
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#78
Terphenyl-d14
Concen: 78.00 ng
RT: 12.83 min Scan# 940
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1036822		
212	7.3		6.1	9.1
122	11.6		10.2	15.4





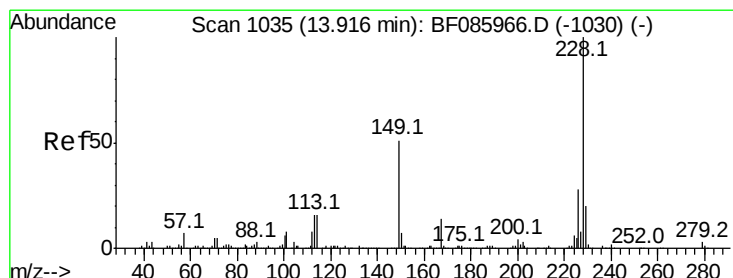
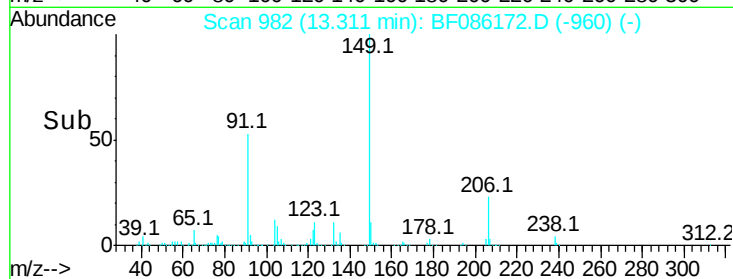
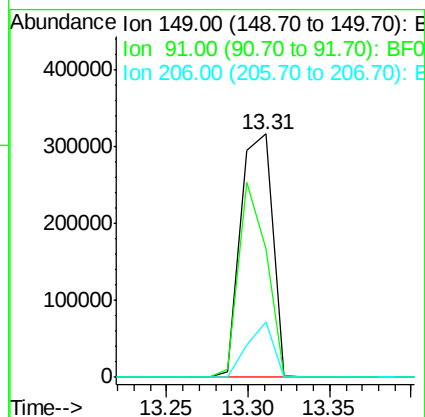
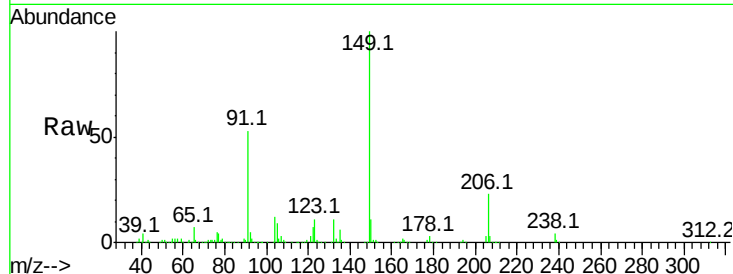
#79
Butylbenzylphthalate
Concen: 42.97 ng
RT: 13.31 min Scan# 982
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
149	100	426080		
91	52.8		45.8	68.8
206	22.7		17.8	26.8

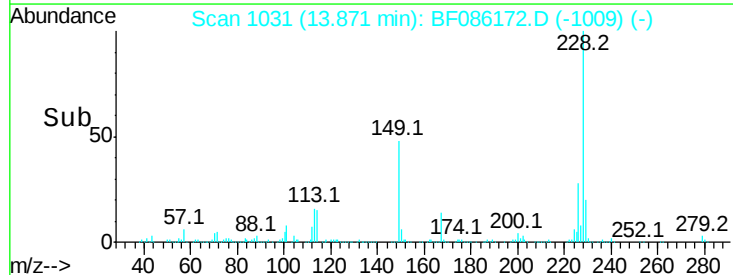
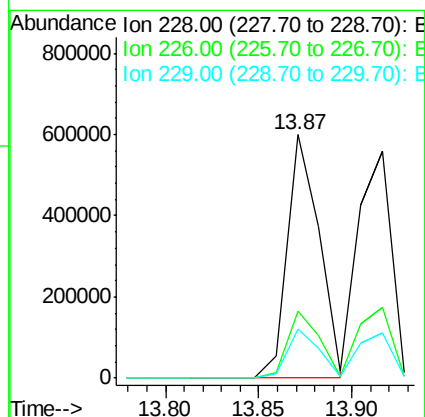
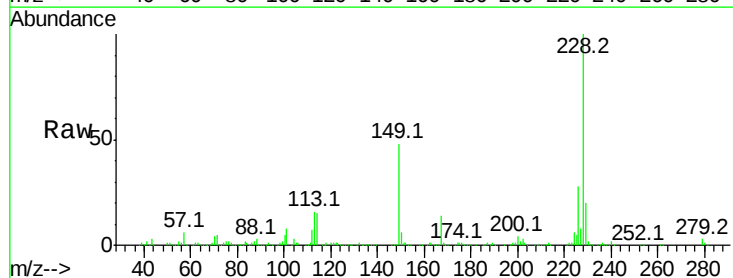
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#80
Benzo(a)anthracene
Concen: 38.91 ng
RT: 13.87 min Scan# 1031
Delta R.T. -0.05 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	716768		
226	27.7		22.1	33.1
229	20.0		16.2	24.4





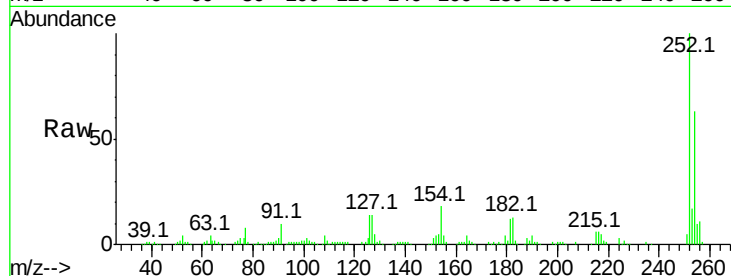
#81
 3,3'-Dichlorobenzidine
 Concen: 9.27 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.06 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

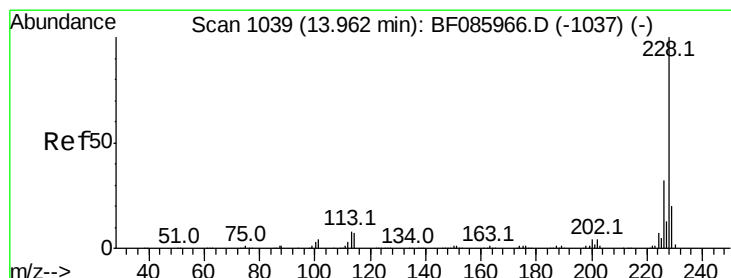
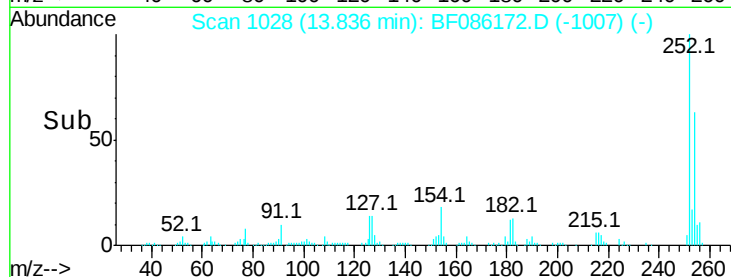
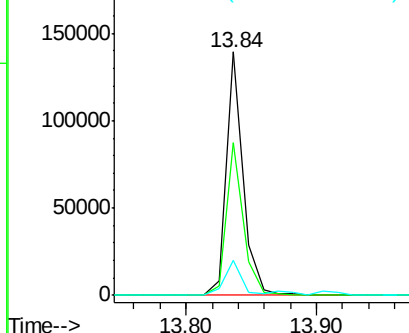
Tot Ion	Ratio	Resp	Lower	Upper
252	100	124658		
254	62.9	50.7	76.1	
126	14.5	11.8	17.6	

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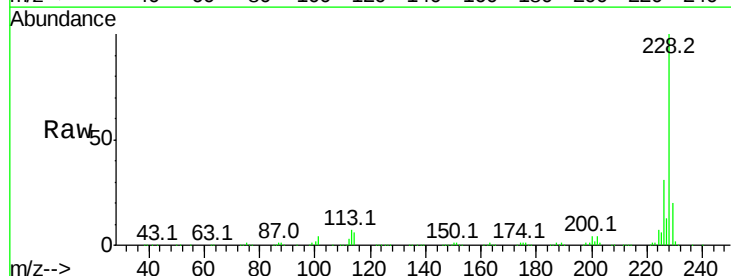


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

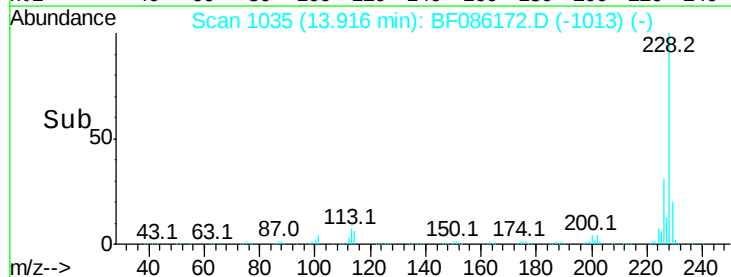
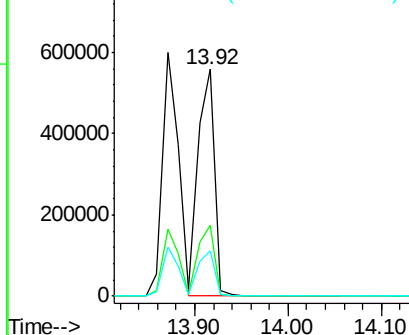


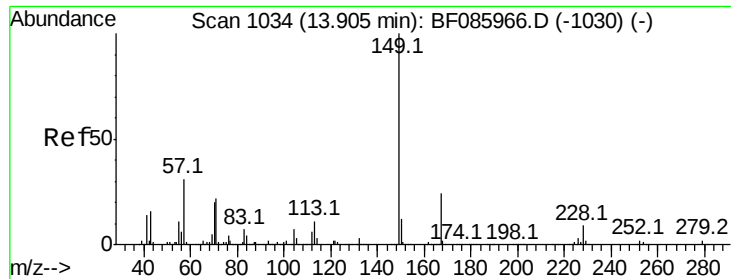
#82
 Chrysene
 Concen: 39.02 ng
 RT: 13.92 min Scan# 1035
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	692264		
226	31.4	25.0	37.6	
229	19.8	15.7	23.5	



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





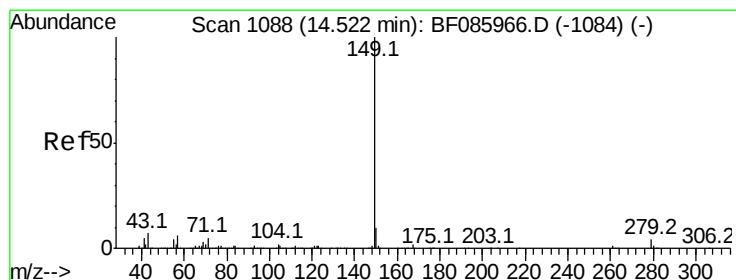
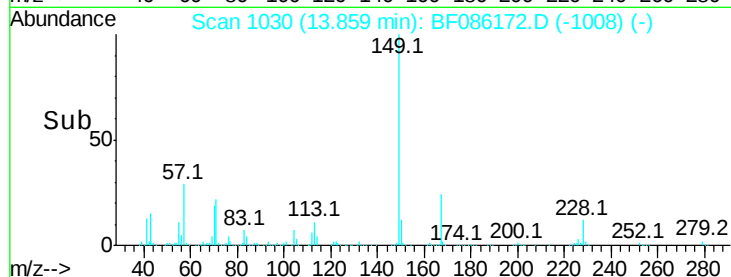
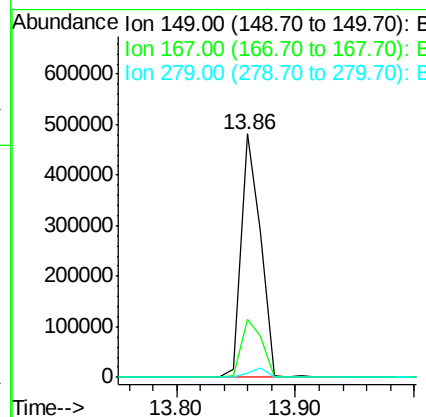
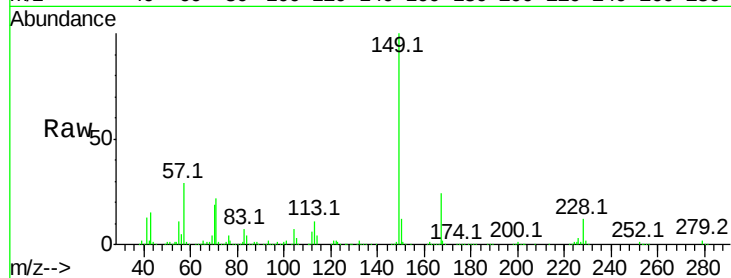
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.60 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
149	100	547467		
167	24.0		19.4	29.2
279	1.9		1.5	2.3

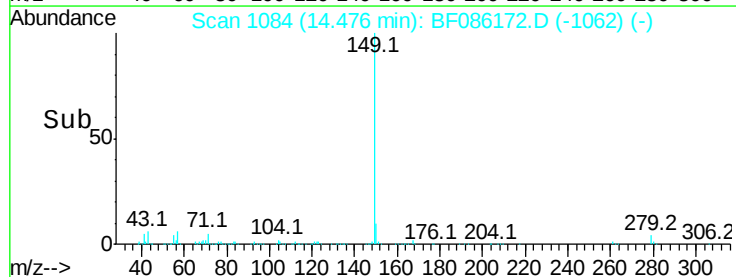
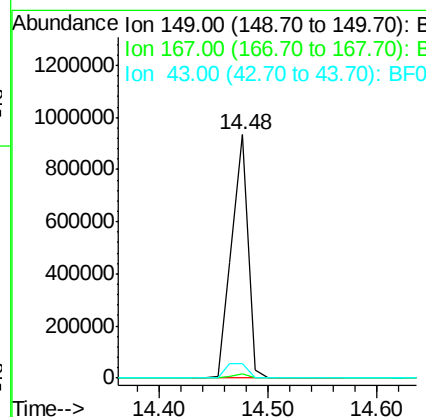
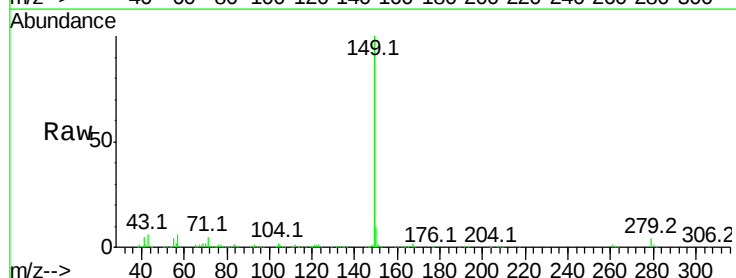
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#84
 Di-n-octyl phthalate
 Concen: 46.25 ng
 RT: 14.48 min Scan# 1084
 Delta R.T. -0.05 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	971826		
167	1.5		1.2	1.8
43	8.1		7.1	10.7





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.90 ng

RT: 16.61 min Scan# 1271

Delta R.T. -0.08 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

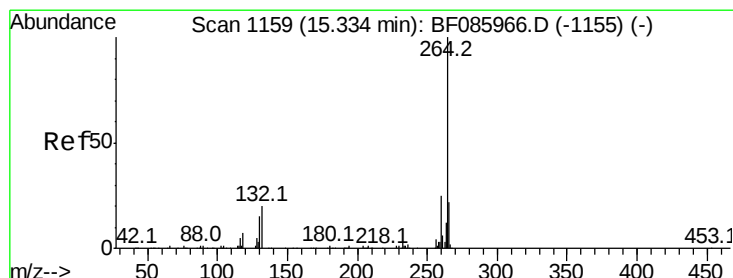
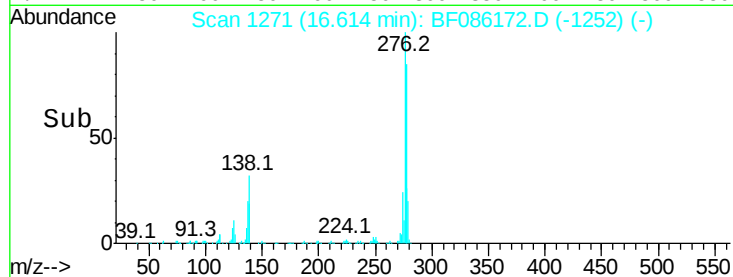
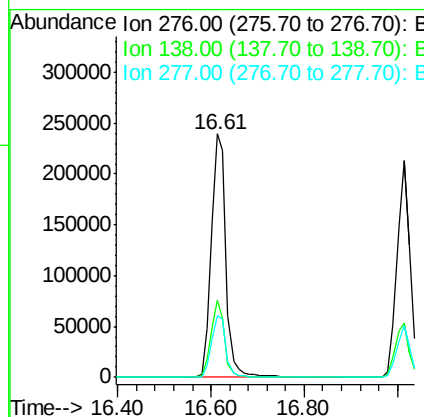
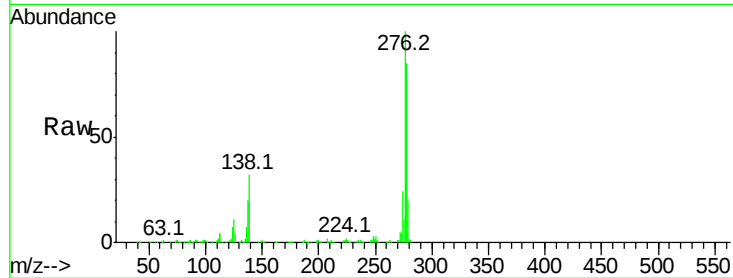
ClientSampleId :

PB89669TB

Tot Ion:	276	Resp:	531177
Ion Ratio	Lower	Upper	
276	100		
138	29.4	24.2	36.4
277	25.2	20.0	30.0

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#86

Perylene-d12

Concen: 20.00 ng

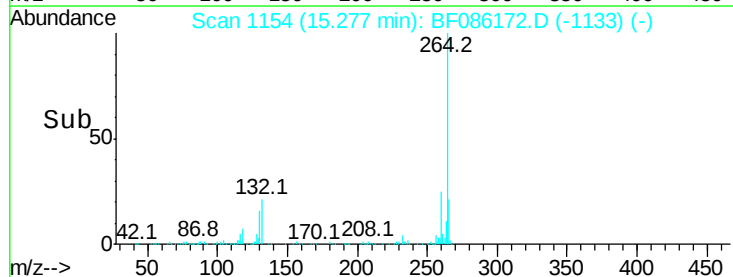
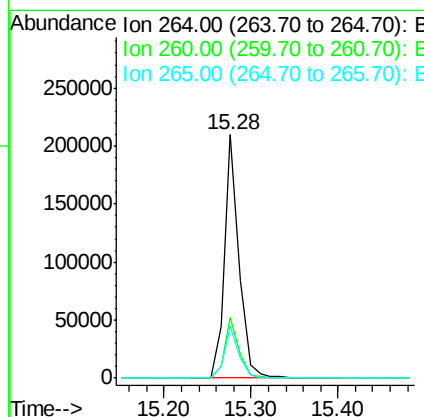
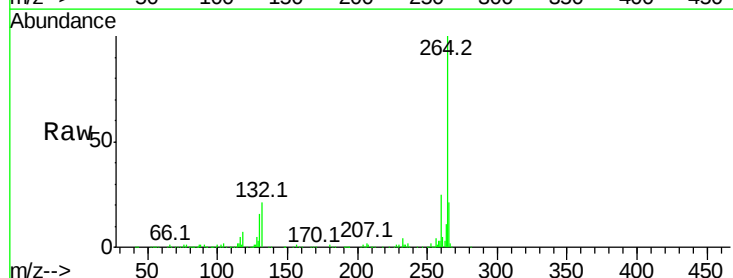
RT: 15.28 min Scan# 1154

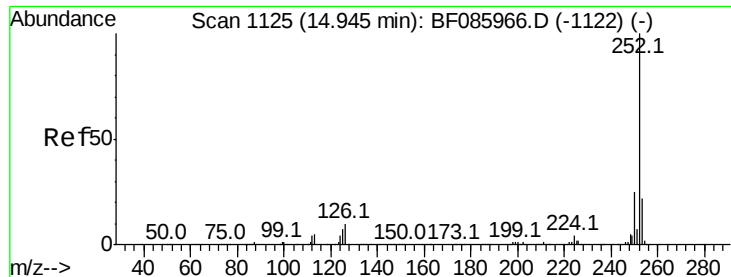
Delta R.T. -0.06 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion:	264	Resp:	246573
Ion Ratio	Lower	Upper	
264	100		
260	25.1	19.4	29.2
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 37.35 ng m

RT: 14.89 min Scan# 1120

Delta R.T. -0.06 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Instrument :

BNA_F

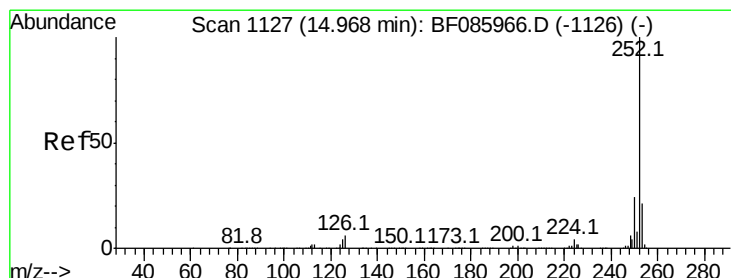
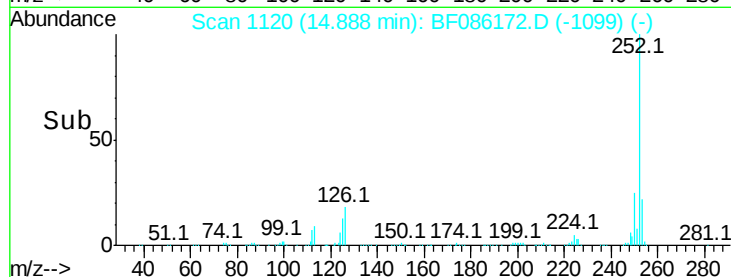
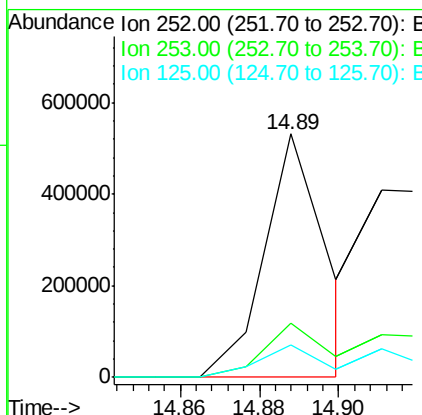
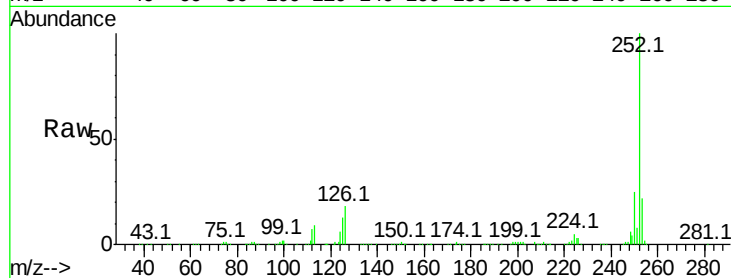
ClientSampleId :

PB89669TB

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	13.1	10.3	15.5

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#88

Benzo(k)fluoranthene

Concen: 42.87 ng m

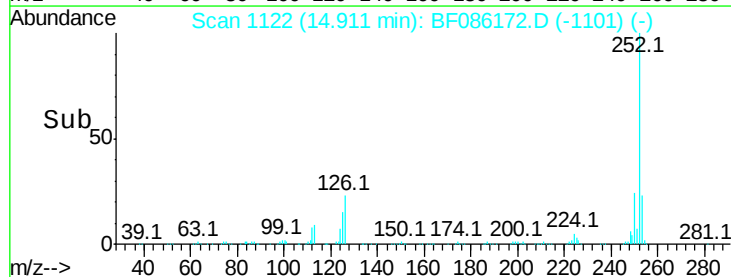
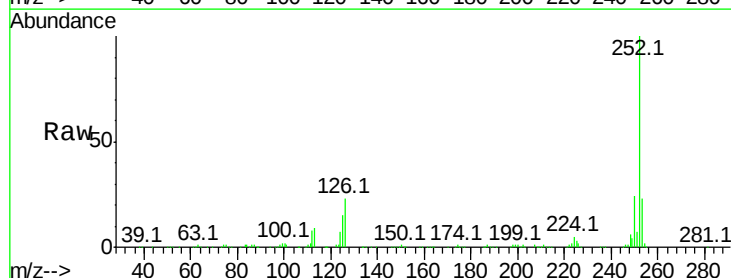
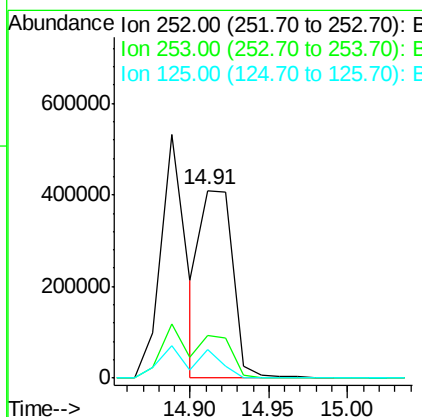
RT: 14.91 min Scan# 1122

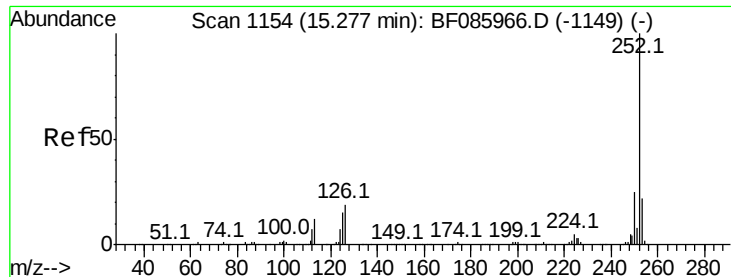
Delta R.T. -0.06 min

Lab File: BF086172.D

Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	15.2	7.7	11.5#





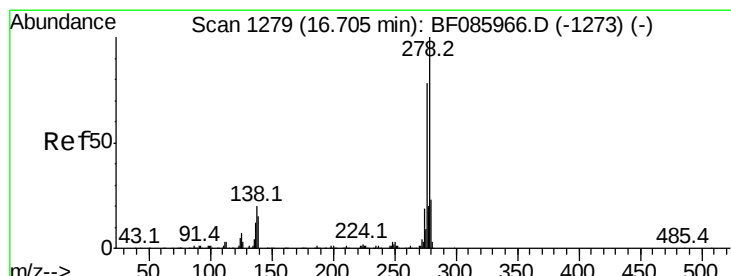
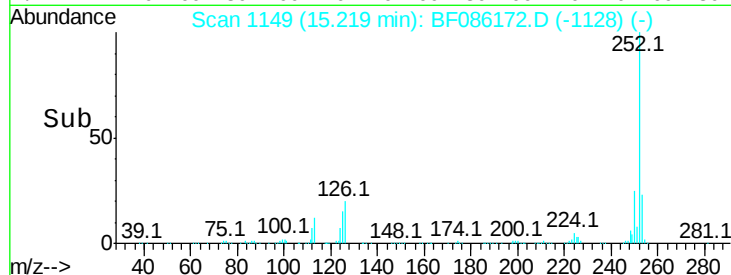
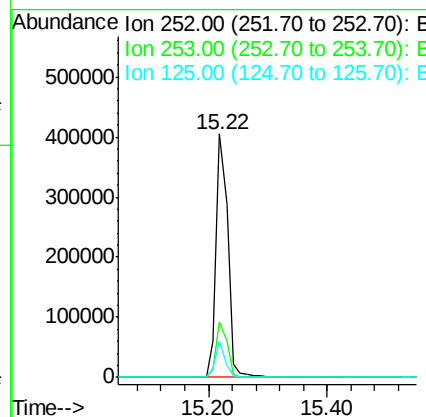
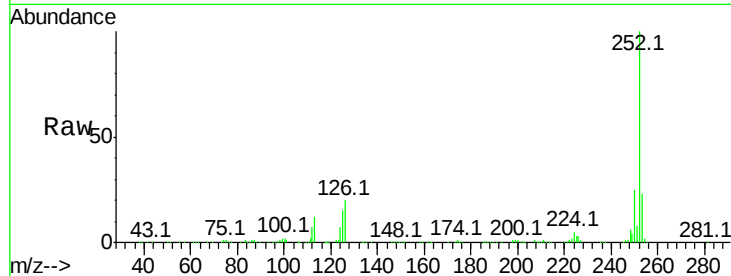
#89
Benzo(a)pyrene
Concen: 40.03 ng
RT: 15.22 min Scan# 1149
Delta R.T. -0.06 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Instrument :
BNA_F
ClientSampleId :
PB89669TB

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.5	17.4	26.0	
125	14.9	10.3	15.5	

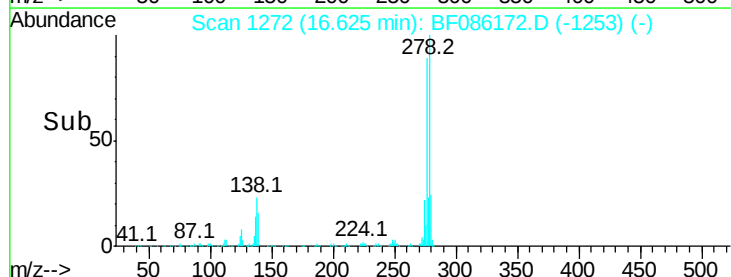
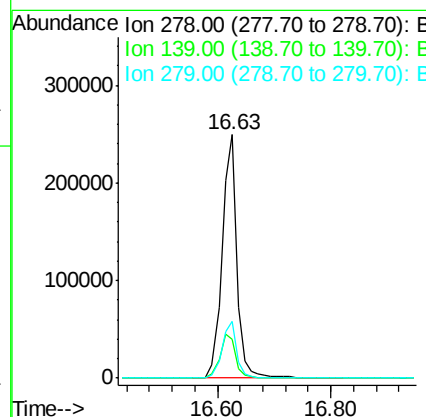
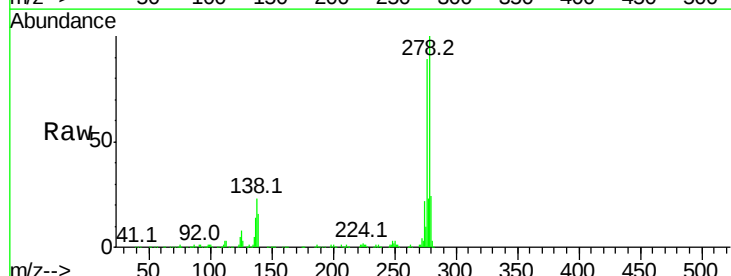
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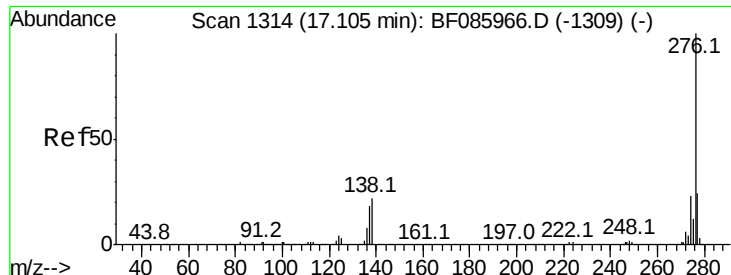
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#90
Dibenzo(a,h)anthracene
Concen: 40.62 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.08 min
Lab File: BF086172.D
Acq: 8 Apr 2016 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	16.2	14.4	21.6	
279	23.6	19.1	28.7	





#91
 Benzo(a,h,i)perylene
 Concen: 40.81 ng
 RT: 17.01 min Scan# 1306
 Delta R.T. -0.09 min
 Lab File: BF086172.D
 Acq: 8 Apr 2016 17:06

Instrument :
 BNA_F
 ClientSampleId :
 PB89669TB

Tot Ion:	276	Resp:	436681
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.8	28.2
138	24.9	22.6	34.0

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