

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085377.D
 Acq On : 11 Mar 2016 17:36
 Operator : UM/SJ
 Sample : PB88818BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:45:05 AM

Quant Time: Mar 14 02:03:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	174670	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	681258	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	295908	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	515394	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	288112	20.00	ng	-0.05
86) Perylene-d12	15.57	264	281304	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	1310199	125.82	ng	-0.02
7) Phenol-d6	6.57	99	1637972	120.06	ng	-0.03
23) Nitrobenzene-d5	7.50	82	987710	77.58	ng	-0.05
41) 2,4,6-Tribromophenol	10.78	330	352918	139.38	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1689123	86.81	ng	-0.05
78) Terphenyl-d14	13.05	244	1190987	95.96	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.72	88	162838	30.58	ng	99
3) Pyridine	3.48	79	436351	32.74	ng	97
4) n-Nitrosodimethylamine	3.42	42	216330	37.92	ng	99
6) Aniline	6.60	93	424732	22.21	ng	97
8) 2-Chlorophenol	6.72	128	484985	38.69	ng	98
9) Benzaldehyde	6.48	77	119851	15.27	ng	93
10) Phenol	6.58	94	614229m	42.04	ng	
11) bis(2-Chloroethyl)ether	6.68	93	469960m	38.72	ng	
12) 1,3-Dichlorobenzene	6.88	146	503338	37.40	ng	98
13) 1,4-Dichlorobenzene	6.95	146	477250	35.38	ng	98
14) 1,2-Dichlorobenzene	7.11	146	495476	40.48	ng	97
15) Benzyl Alcohol	7.08	79	391292	39.07	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	570424	32.61	ng	98
17) 2-Methylphenol	7.19	107	403599	39.45	ng	98
18) Hexachloroethane	7.45	117	192530	38.69	ng	95
19) n-Nitroso-di-n-propylamine	7.35	70	300439	33.79	ng	# 90
20) 3+4-Methylphenols	7.34	107	463348	38.24	ng	# 90
22) Acetophenone	7.35	105	626110	37.65	ng	# 97
24) Nitrobenzene	7.52	77	541602	41.88	ng	95
25) Isophorone	7.76	82	920660	39.02	ng	97
26) 2-Nitrophenol	7.84	139	262900	41.77	ng	94
27) 2,4-Dimethylphenol	7.88	122	488012	42.43	ng	97
28) bis(2-Chloroethoxy)methane	7.97	93	534407	40.67	ng	99
29) 2,4-Dichlorophenol	8.08	162	398884	43.00	ng	97
30) 1,2,4-Trichlorobenzene	8.16	180	390555	38.94	ng	99
31) Naphthalene	8.24	128	1272172	37.98	ng	99
32) Benzoic acid	7.99	122	309422	40.50	ng	98
33) 4-Chloroaniline	8.29	127	153401	11.32	ng	96
34) Hexachlorobutadiene	8.37	225	213468	40.91	ng	100
35) Caprolactam	8.66	113	124272m	41.02	ng	
36) 4-Chloro-3-methylphenol	8.78	107	439565	41.77	ng	90
37) 2-Methylnaphthalene	8.94	142	919116	42.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	349580	41.31	ng	98
40) Hexachlorocyclopentadiene	9.09	237	372265	81.56	ng	99

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 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	259041	41.12	ng	98
43) 2,4,5-Trichlorophenol	9.26	196	270802	45.34	ng #	94
45) 1,1'-Biphenyl	9.41	154	1037529	41.04	ng	93
46) 2-Chloronaphthalene	9.43	162	808053	41.93	ng	97
47) 2-Nitroaniline	9.52	65	261373	43.77	ng #	86
48) Acenaphthylene	9.84	152	1189617	39.66	ng	98
49) Dimethylphthalate	9.70	163	924061	40.69	ng	100
50) 2,6-Dinitrotoluene	9.76	165	184646	38.00	ng #	85
51) Acenaphthene	10.01	154	794612	43.63	ng	99
52) 3-Nitroaniline	9.93	138	119411	20.54	ng	93
53) 2,4-Dinitrophenol	10.04	184	178228	73.06	ng #	59
54) Dibenzofuran	10.18	168	981281	41.13	ng	97
55) 4-Nitrophenol	10.09	139	336592	73.68	ng #	78
56) 2,4-Dinitrotoluene	10.17	165	278982	44.86	ng #	74
57) Fluorene	10.53	166	749140	39.97	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.30	232	185829	44.29	ng	100
59) Diethylphthalate	10.40	149	865946	39.29	ng	96
60) 4-Chlorophenyl-phenylether	10.52	204	362648	39.77	ng	89
61) 4-Nitroaniline	10.55	138	222688	40.96	ng	90
62) Azobenzene	10.68	77	963073	44.35	ng	94
64) 4,6-Dinitro-2-methylphenol	10.57	198	117080	37.94	ng #	55
65) n-Nitrosodiphenylamine	10.64	169	753013	46.97	ng	98
66) 4-Bromophenyl-phenylether	11.01	248	211005	42.16	ng #	81
67) Hexachlorobenzene	11.08	284	216051	40.47	ng #	78
68) Atrazine	11.17	200	232430	52.14	ng	97
69) Pentachlorophenol	11.27	266	244218	82.41	ng	98
70) Phenanthrene	11.49	178	1123289	41.59	ng	99
71) Anthracene	11.54	178	1188387	41.44	ng	99
72) Carbazole	11.69	167	923090	36.71	ng	98
73) Di-n-butylphthalate	12.02	149	1228965	38.67	ng	99
74) Fluoranthene	12.68	202	913216	33.69	ng	96
76) Benzidine	12.80	184	435137	50.75	ng	98
77) Pyrene	12.90	202	939336	43.32	ng	100
79) Butylbenzylphthalate	13.52	149	419938	42.68	ng	98
80) Benzo(a)anthracene	14.09	228	682282	39.56	ng	100
81) 3,3'-Dichlorobenzidine	14.06	252	128578	23.63	ng #	95
82) Chrysene	14.13	228	636034	39.92	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	552580	42.68	ng #	99
84) Di-n-octyl phthalate	14.70	149	890856	45.18	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	792740	63.75	ng	97
87) Benzo(b)fluoranthene	15.15	252	662494	35.33	ng #	96
88) Benzo(k)fluoranthene	15.18	252	654712m	43.29	ng	
89) Benzo(a)pyrene	15.51	252	661640	42.58	ng	99
90) Dibenzo(a,h)anthracene	17.05	278	665281	50.16	ng	96
91) Benzo(g,h,i)perylene	17.48	276	667929	50.08	ng	100

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

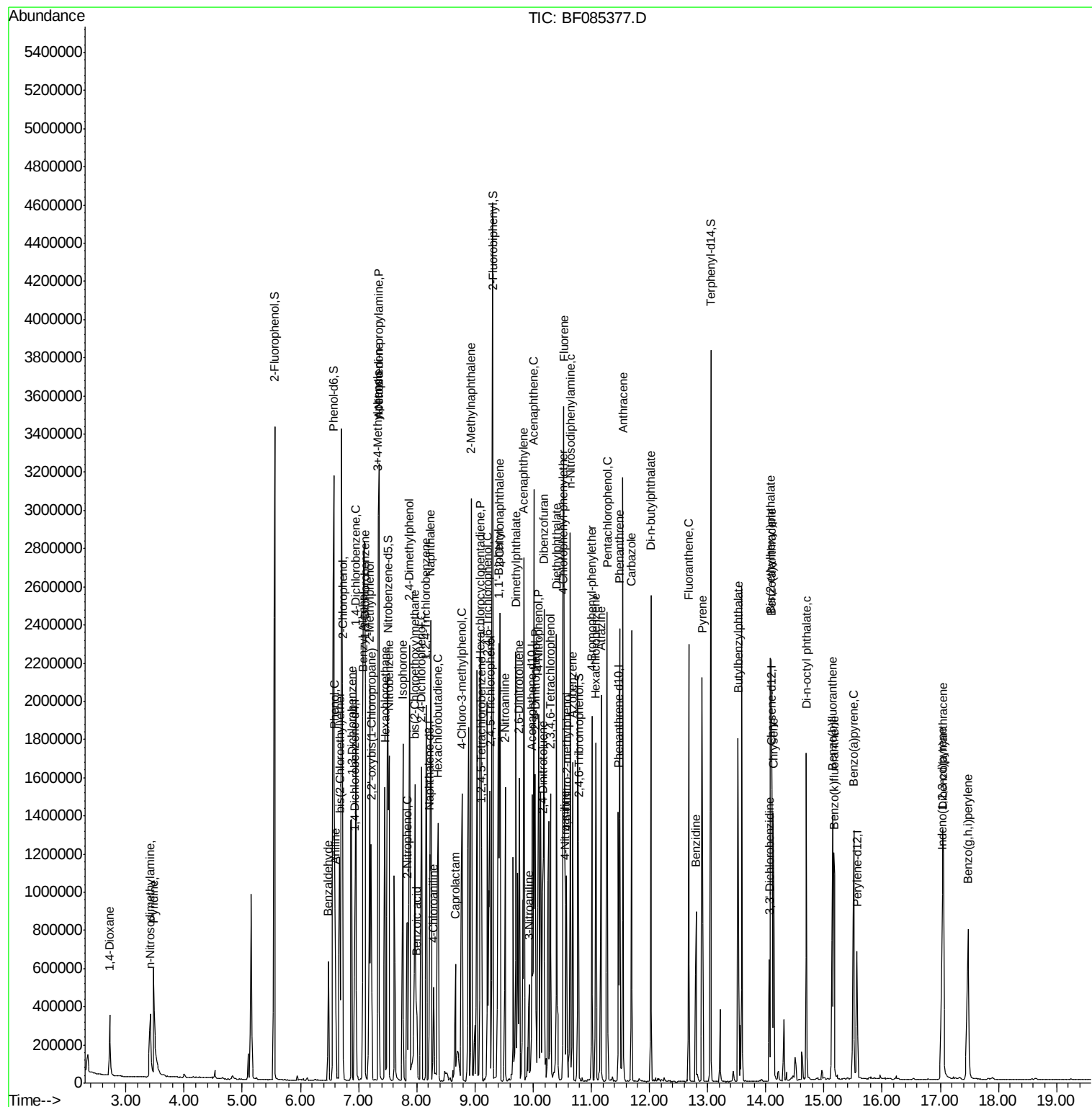
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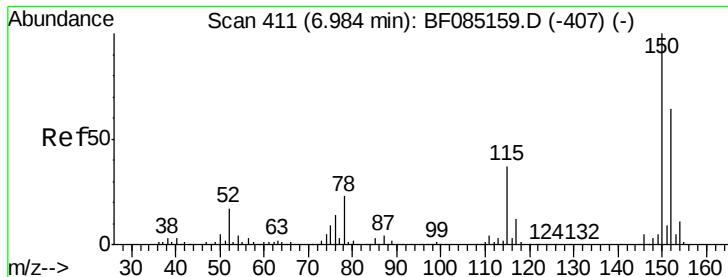
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BNA_F
ClientSampleID :
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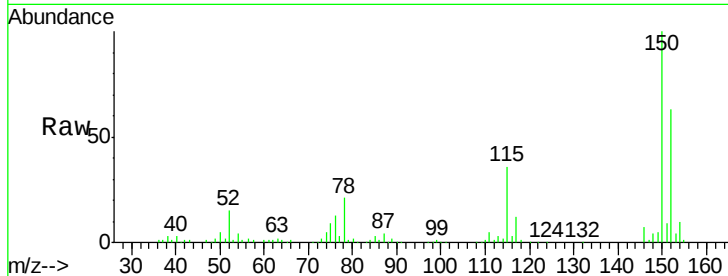




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

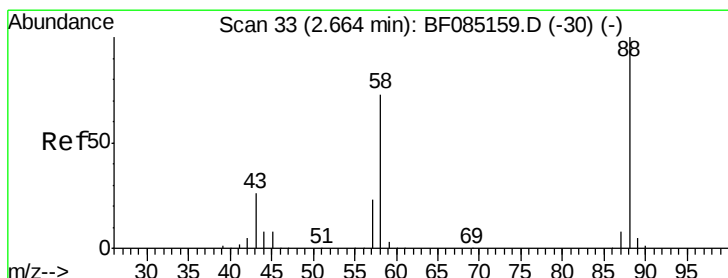
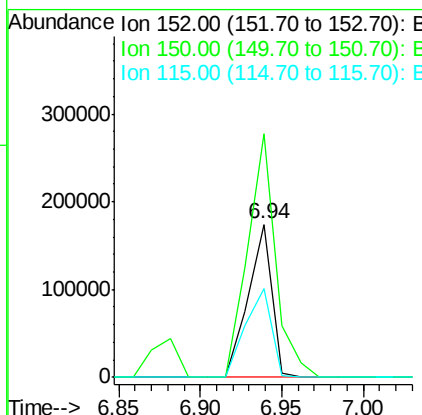
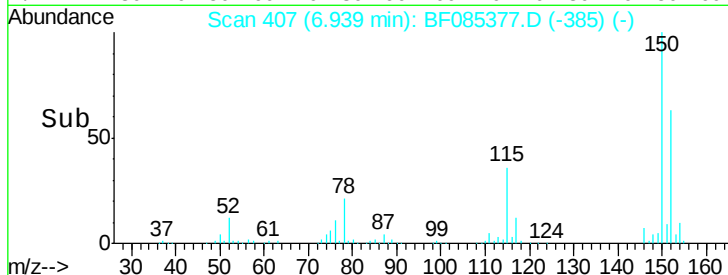
Instrument :
BNA_F
ClientSampleId :
PB88818BS



Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.8	124.6	186.8
115	57.5	46.6	70.0

Manual Integrations
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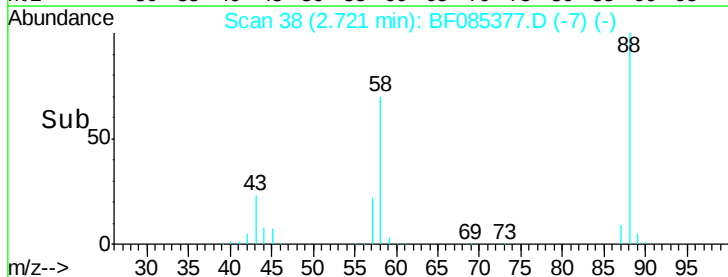
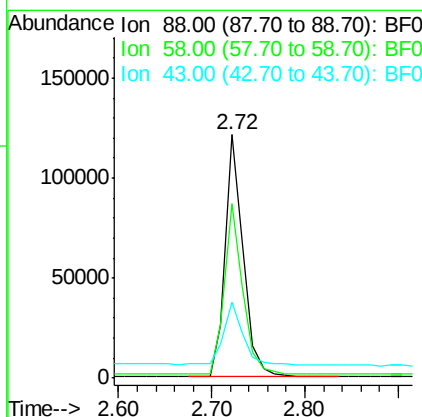
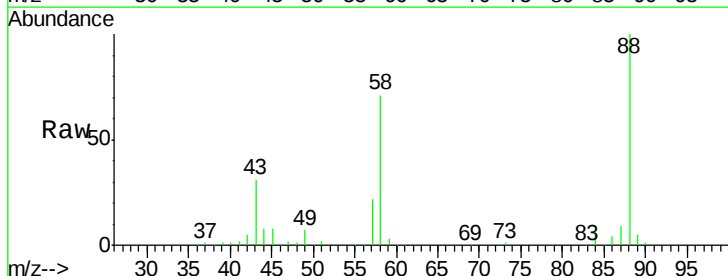
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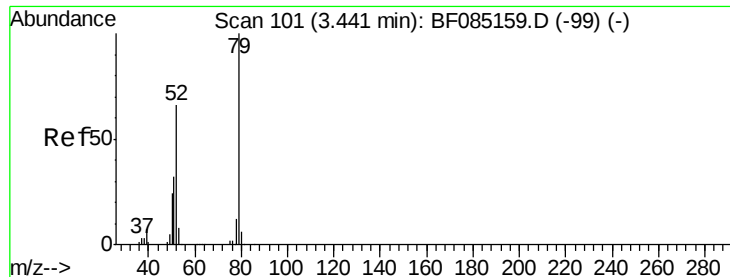


#2

1,4-Dioxane
Concen: 30.58 ng
RT: 2.72 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	57.0	85.6
43	28.0	20.5	30.7





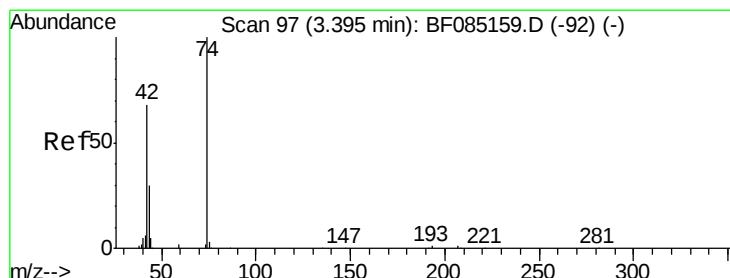
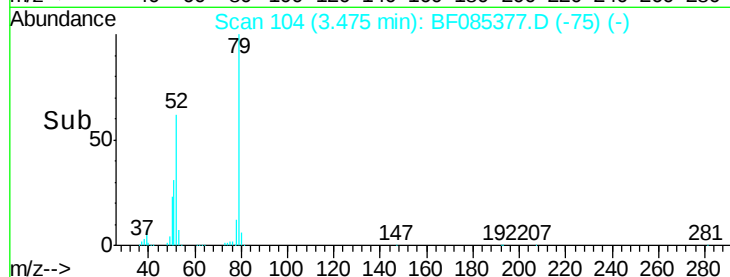
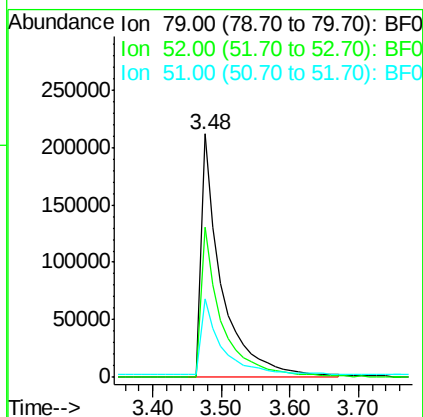
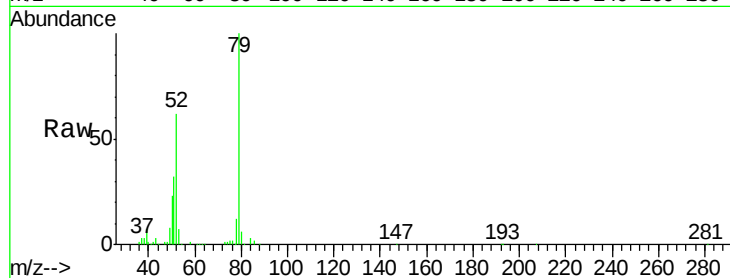
#3
 Pyridine
 Concen: 32.74 ng
 RT: 3.48 min Scan# 104
 Delta R.T. 0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampled :
 PB88818BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	61.8	52.6	79.0
51	32.0	25.8	38.8

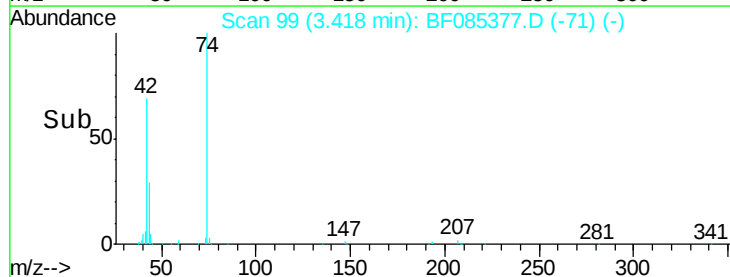
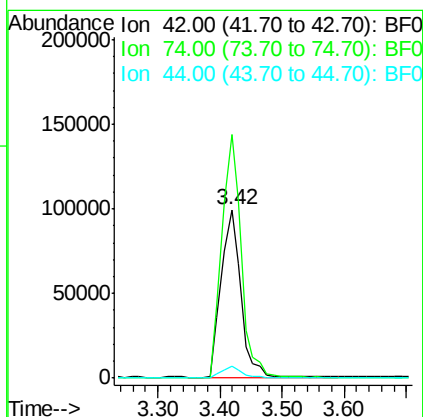
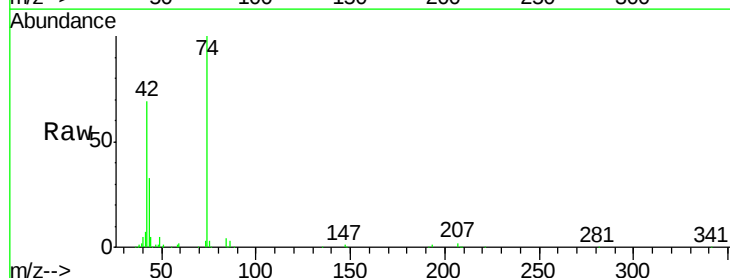
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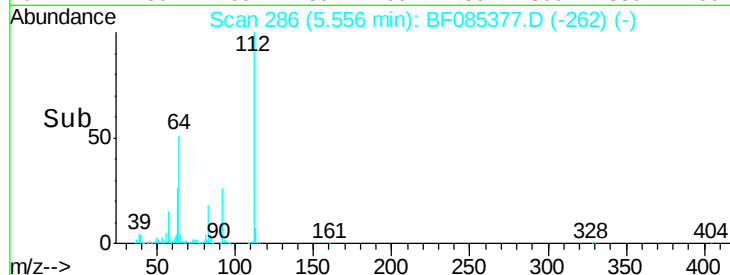
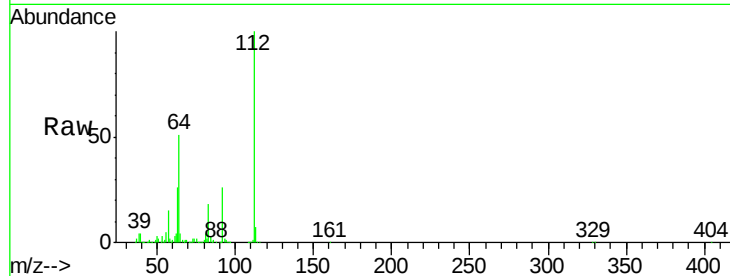
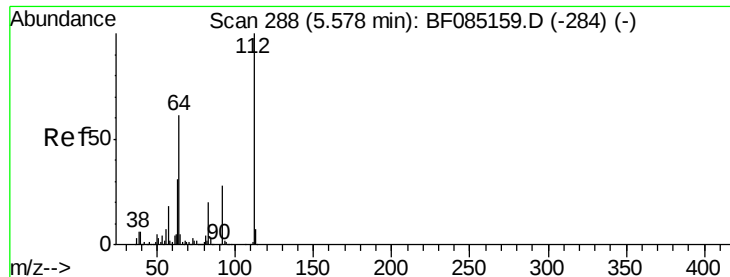
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#4
 n-Nitrosodimethylamine
 Concen: 37.92 ng
 RT: 3.42 min Scan# 99
 Delta R.T. 0.02 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.5	116.8	175.2
44	6.7	5.5	8.3





#5

2-Fluorophenol

Concen: 125.82 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	112	Resp:	1310199
Ion	Ratio	Lower	Upper
112	100		
64	50.6	49.0	73.4
63	25.6	24.8	37.2

Instrument :

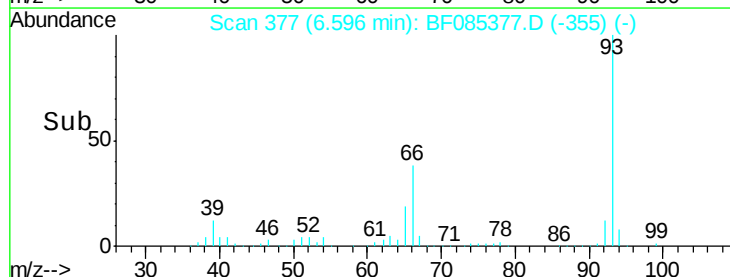
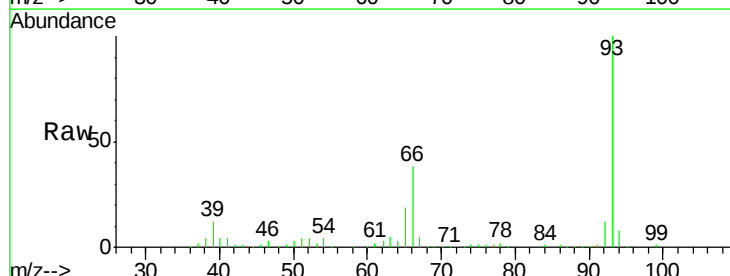
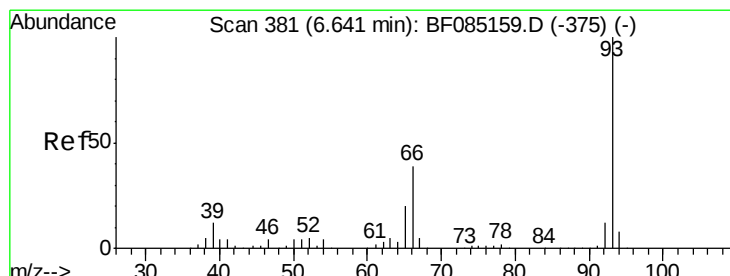
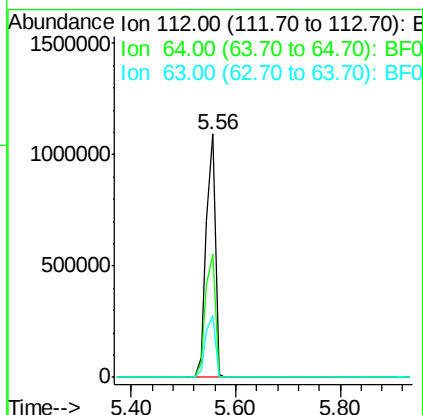
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ClientSampled :

PB88818BS

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#6

Aniline

Concen: 22.21 ng

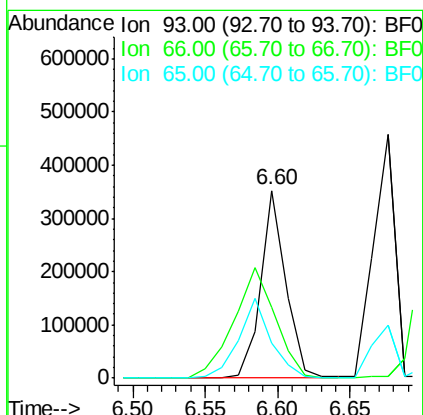
RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	93	Resp:	424732
Ion	Ratio	Lower	Upper
93	100		
66	37.5	31.6	47.4
65	18.8	15.8	23.8





#7

Phenol-d6

Concen: 120.06 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion: 99 Resp: 1637972

Ion Ratio Lower Upper

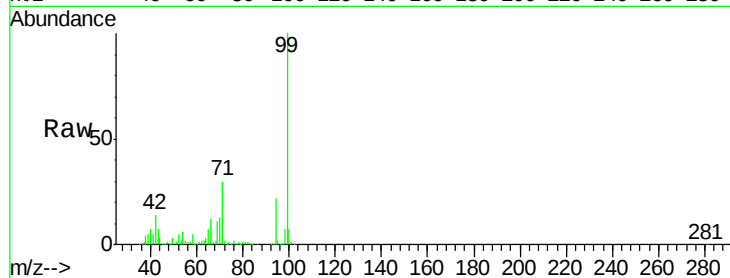
99 100

42 13.6 13.6 20.4#

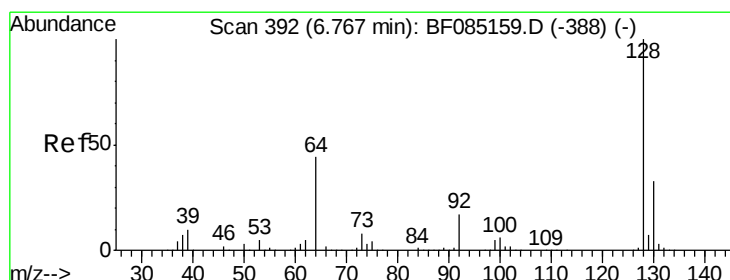
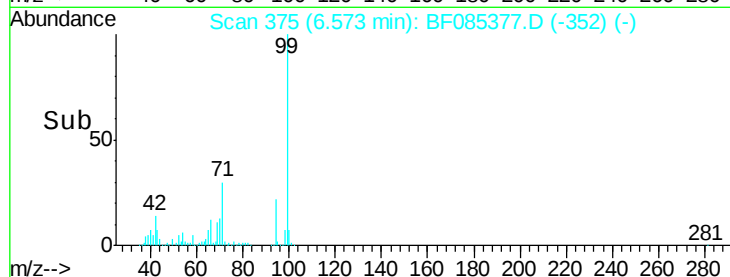
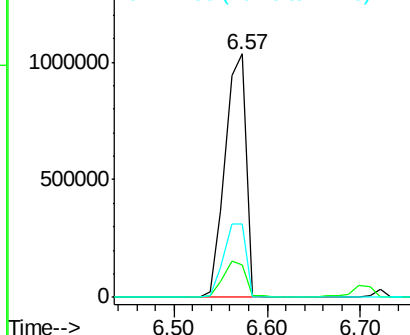
71 30.2 26.7 40.1

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.69 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

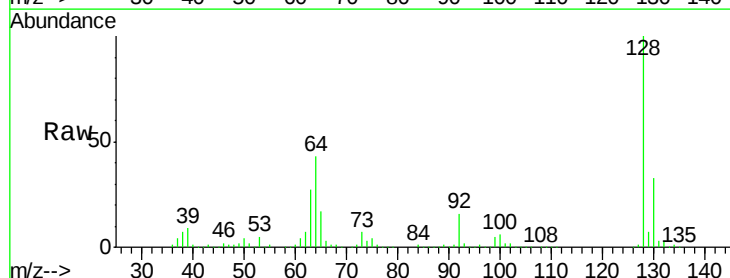
Tgt Ion: 128 Resp: 484985

Ion Ratio Lower Upper

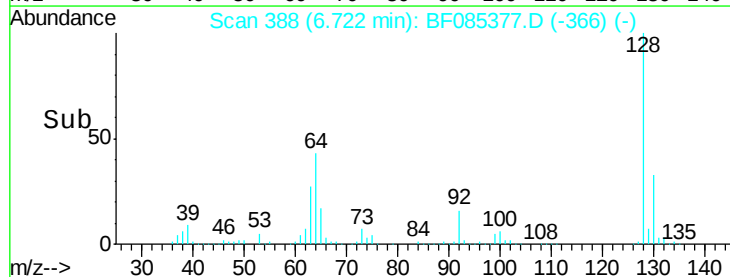
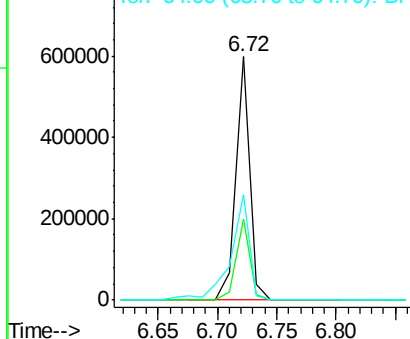
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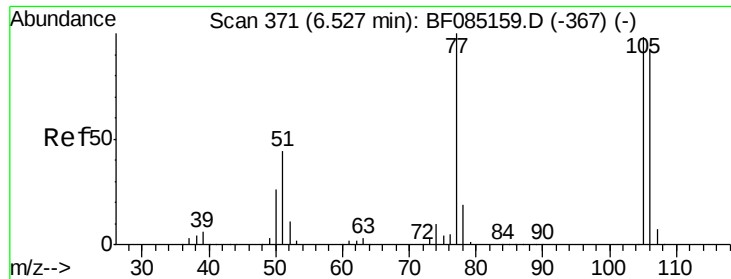
130 33.4 13.3 53.3

64 43.3 25.7 65.7



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 15.27 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

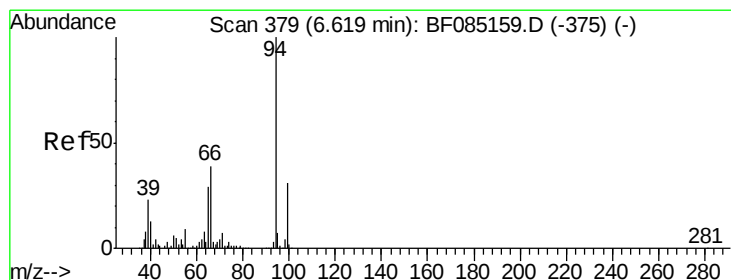
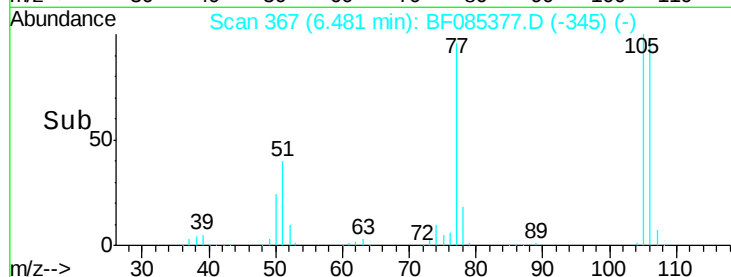
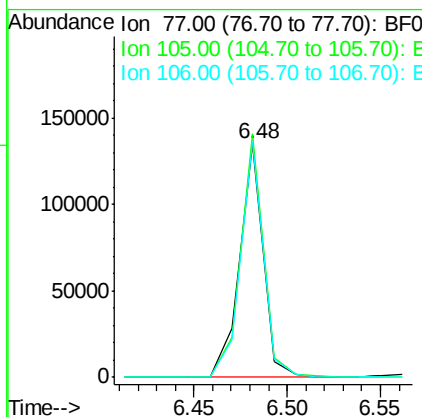
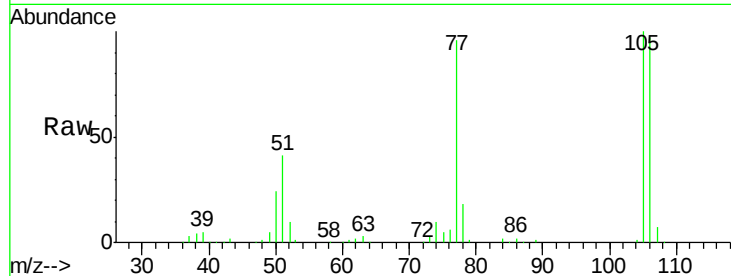
ClientSampleId :

PB88818BS

Tgt Ion:	77	Resp:	119851
Ion Ratio	Lower	Upper	
77	100		
105	104.3	78.2	118.2
106	100.9	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 42.04 ng m

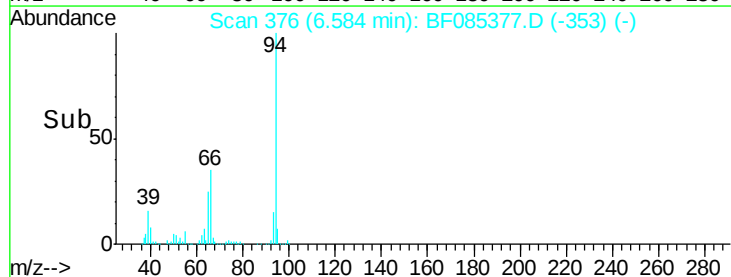
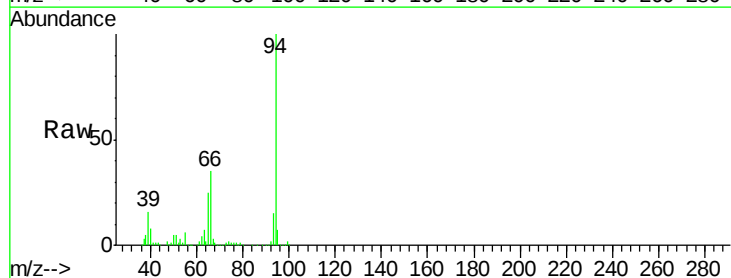
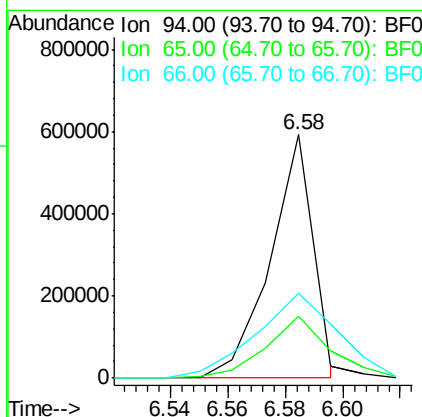
RT: 6.58 min Scan# 376

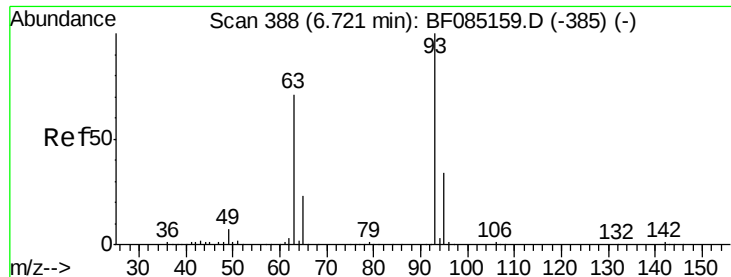
Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	94	Resp:	614229
Ion Ratio	Lower	Upper	
94	100		
65	25.3	9.1	49.1
66	34.9	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 38.72 ng m

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

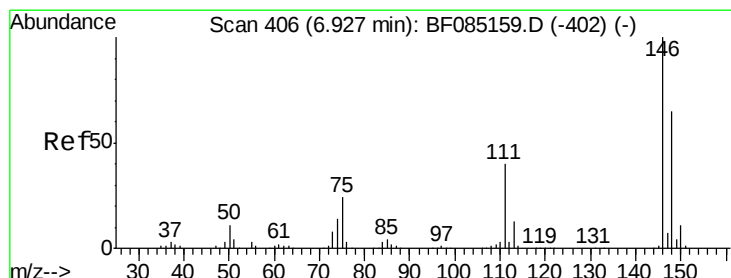
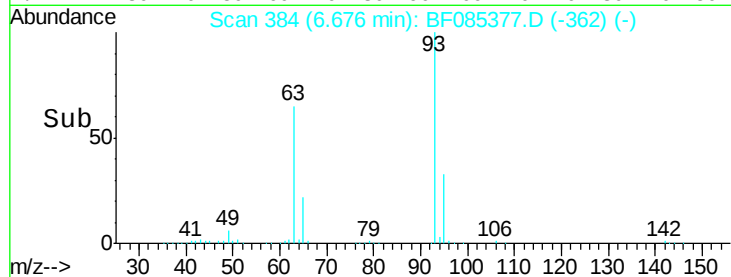
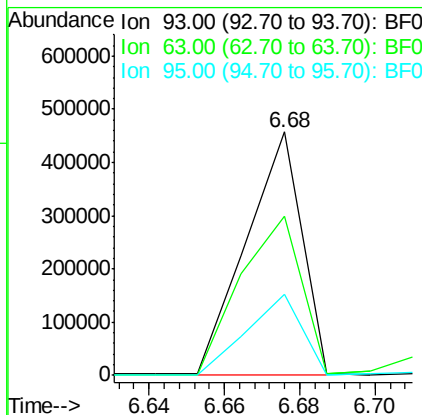
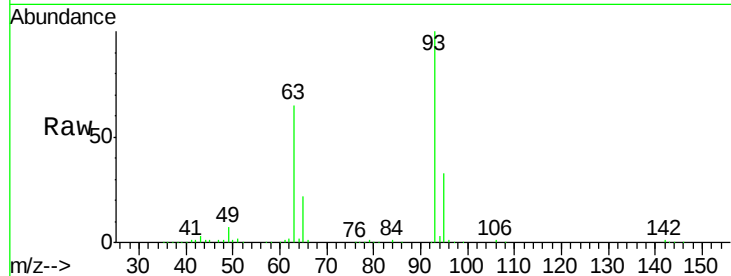
ClientSampleId :

PB88818BS

Tgt Ion:	93	Resp:	469960
Ion Ratio	Lower	Upper	
93	100		
63	65.3	50.9	90.9
95	33.1	13.7	53.7

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#12

1,3-Dichlorobenzene

Concen: 37.40 ng

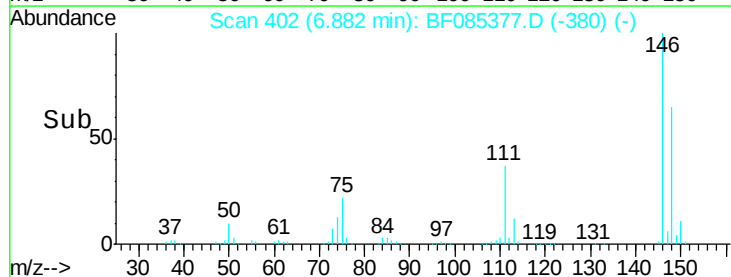
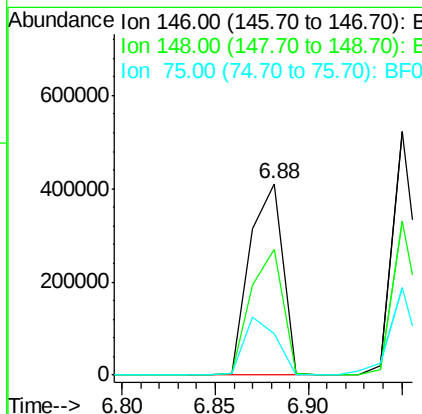
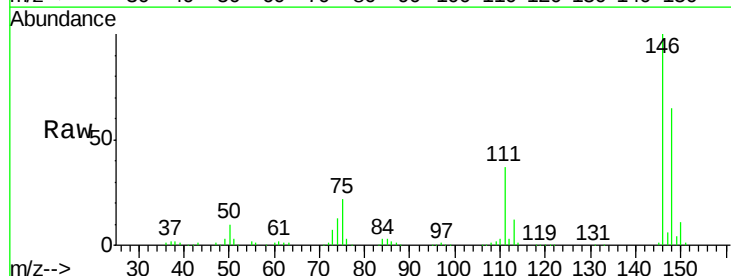
RT: 6.88 min Scan# 402

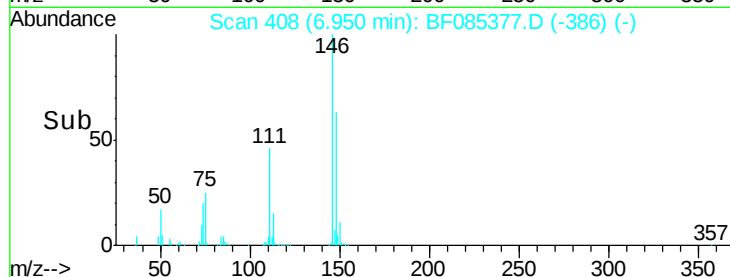
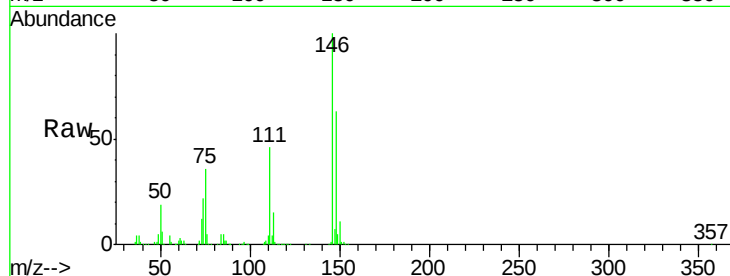
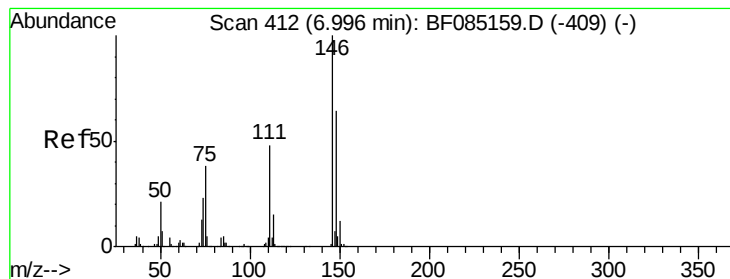
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	146	Resp:	503338
Ion Ratio	Lower	Upper	
146	100		
148	65.5	52.1	78.1
75	21.8	19.5	29.3





#13

1,4-Dichlorobenzene

Concen: 35.38 ng

RT: 6.95 min Scan# 408

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	146	Resp:	477250
Ion Ratio		Lower	Upper
146	100		
148	63.5	51.3	76.9
111	46.0	38.4	57.6

Instrument :

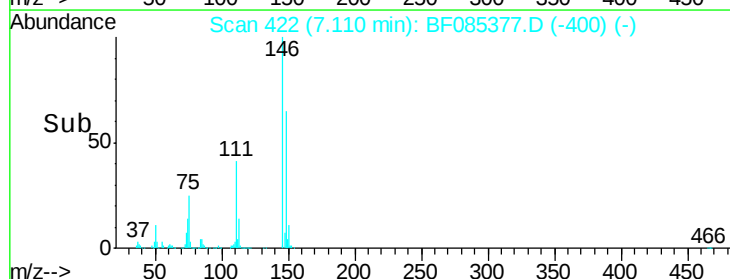
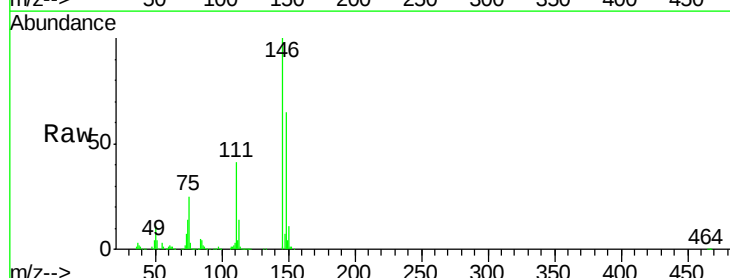
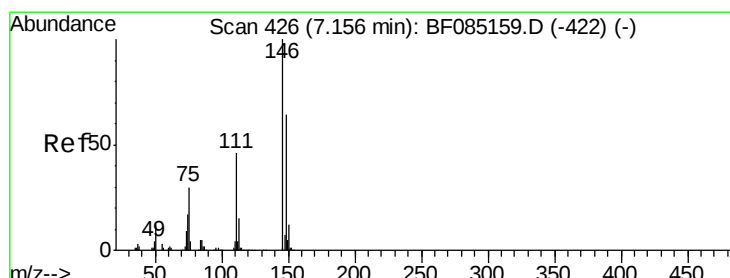
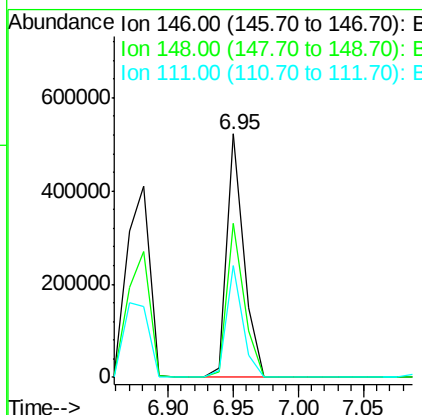
BNA_F

ClientSampleId :

PB88818BS

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#14

1,2-Dichlorobenzene

Concen: 40.48 ng

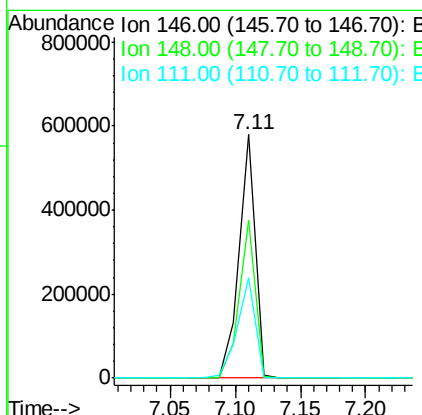
RT: 7.11 min Scan# 422

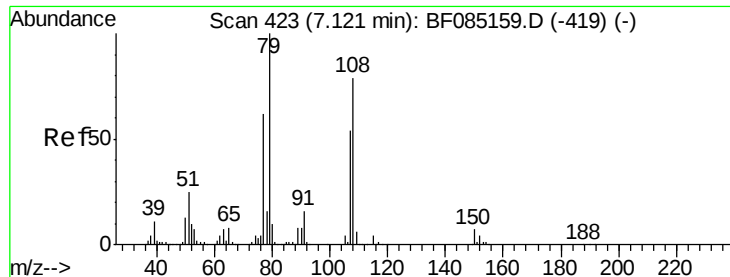
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	146	Resp:	495476
Ion Ratio		Lower	Upper
146	100		
148	64.6	51.4	77.2
111	41.2	36.7	55.1





#15

Benzyl Alcohol

Concen: 39.07 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion: 79 Resp: 391292

Ion Ratio Lower Upper

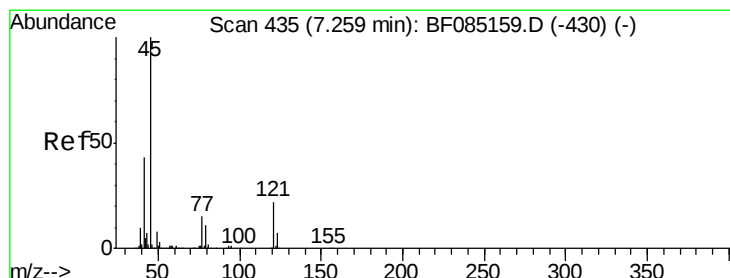
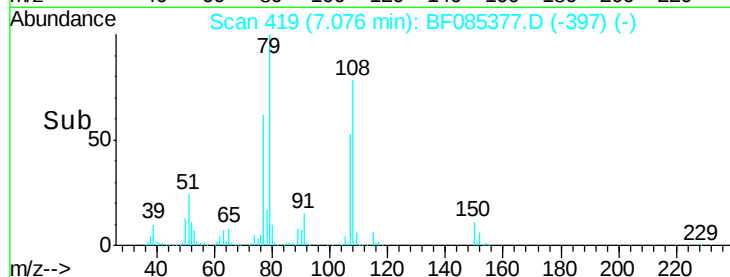
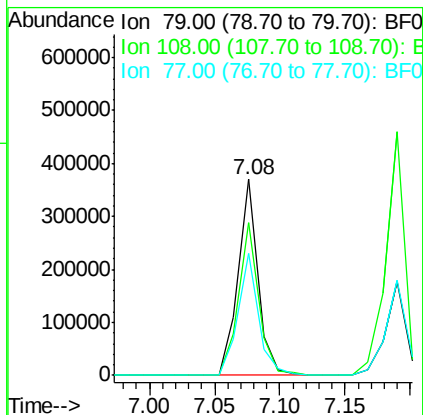
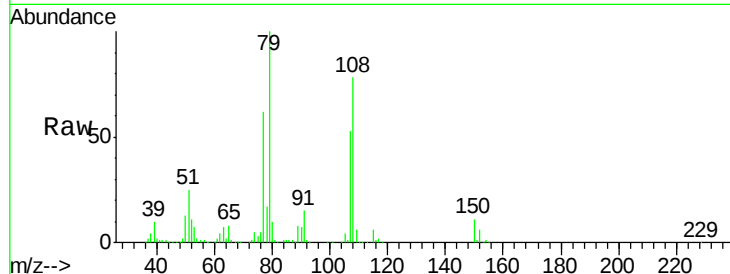
79 100

108 78.2 62.9 94.3

77 62.1 49.5 74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.61 ng

RT: 7.21 min Scan# 431

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

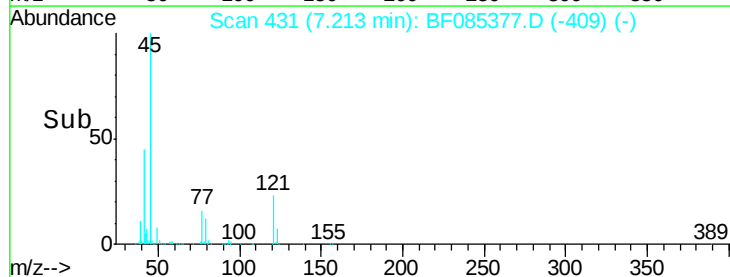
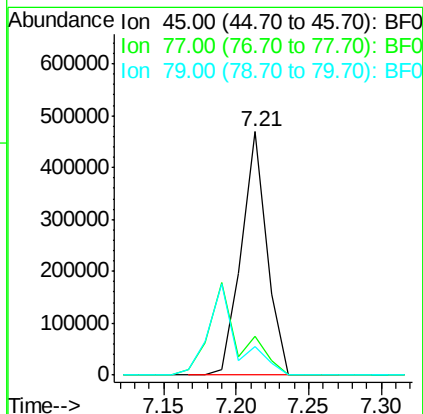
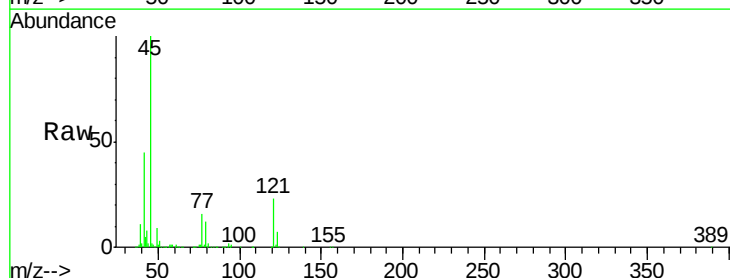
Tgt Ion: 45 Resp: 570424

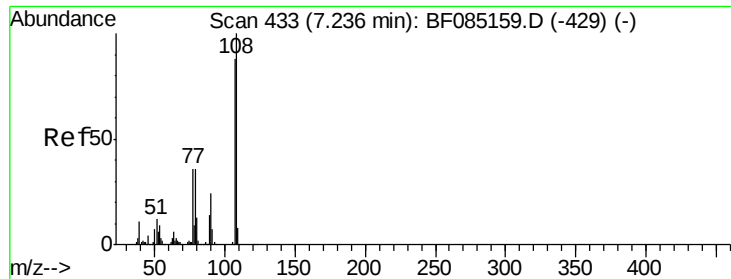
Ion Ratio Lower Upper

45 100

77 15.8 0.0 35.1

79 12.0 0.0 31.3





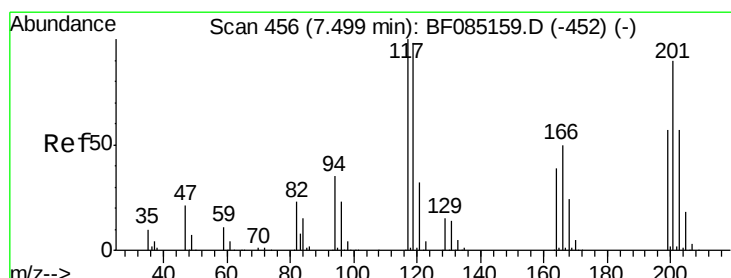
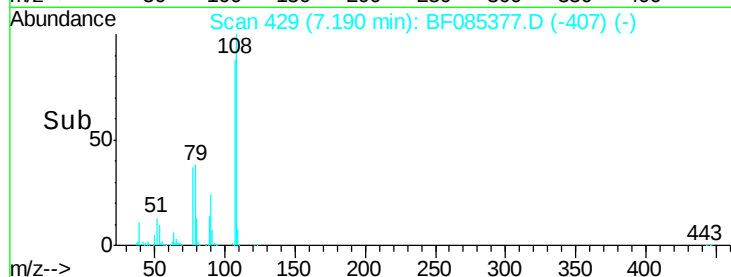
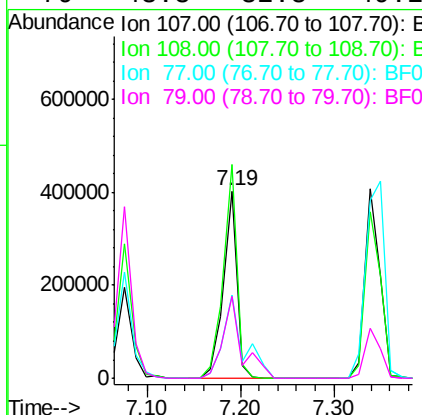
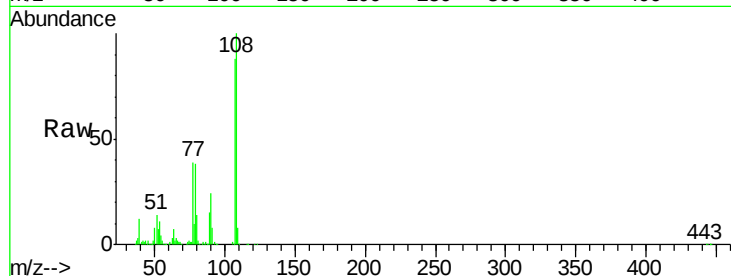
#17
2-Methylphenol
Concen: 39.45 ng
RT: 7.19 min Scan# 429
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	403599		
108	114.2	90.9	136.3	
77	44.4	32.6	48.8	
79	43.8	32.8	49.2	

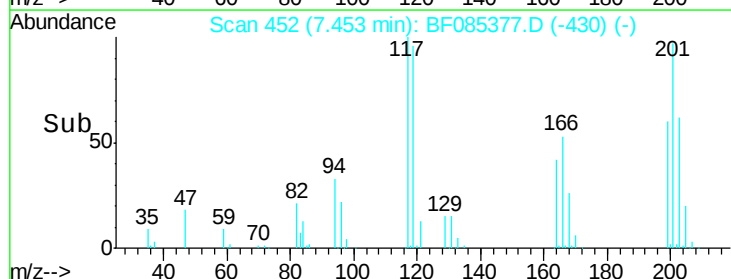
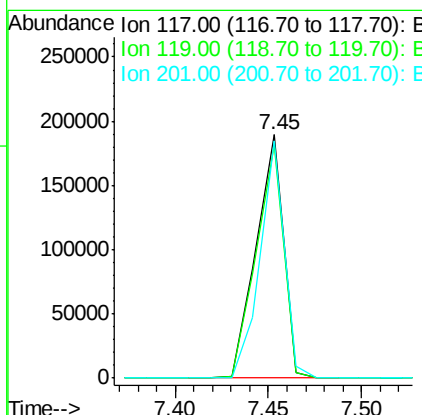
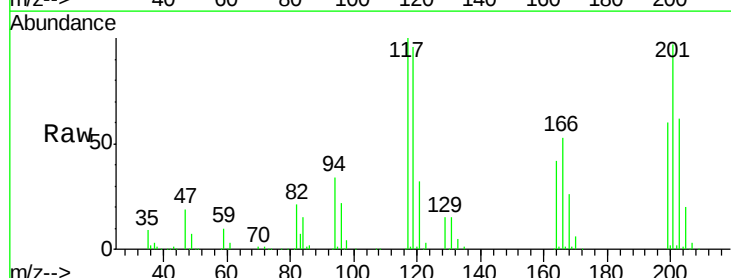
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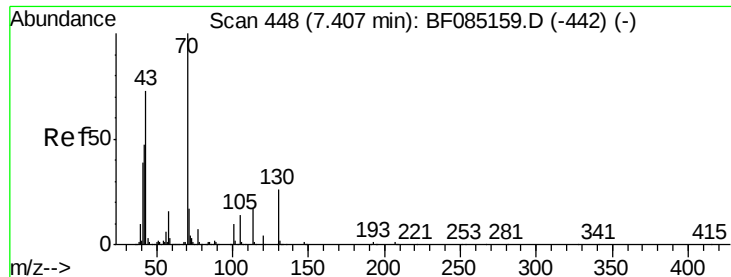
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#18
Hexachloroethane
Concen: 38.69 ng
RT: 7.45 min Scan# 452
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	192530		
119	96.0	78.2	117.4	
201	97.2	72.0	108.0	





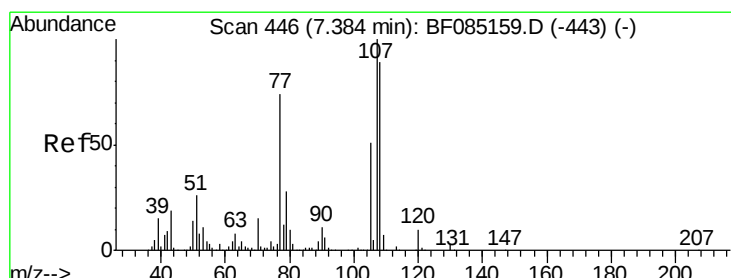
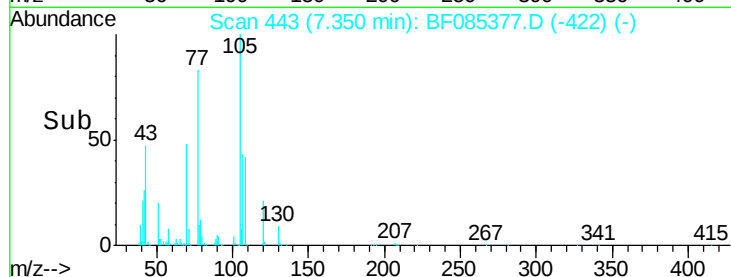
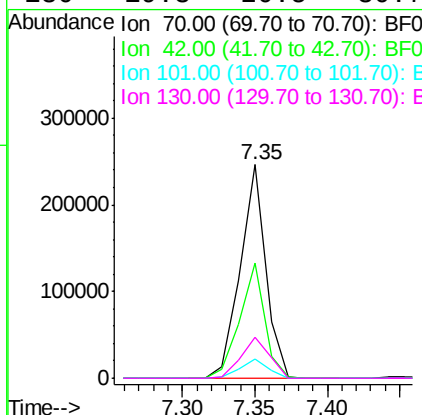
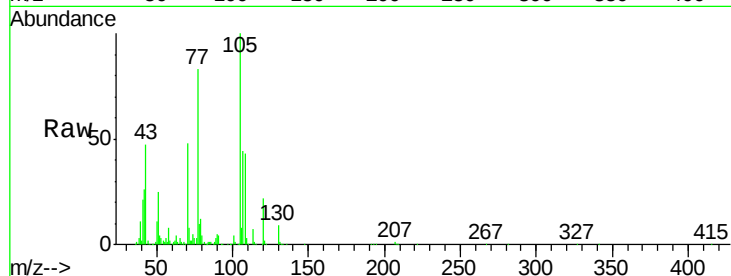
#19
n-Nitroso-di-n-propylamine
Concen: 33.79 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ion	Ratio	Lower	Upper
70	100			
42	54.1	37.7	56.5	
101	9.2	8.2	12.4	
130	19.3	20.5	30.7	

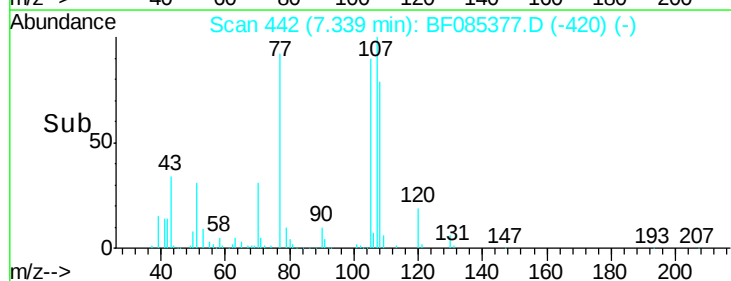
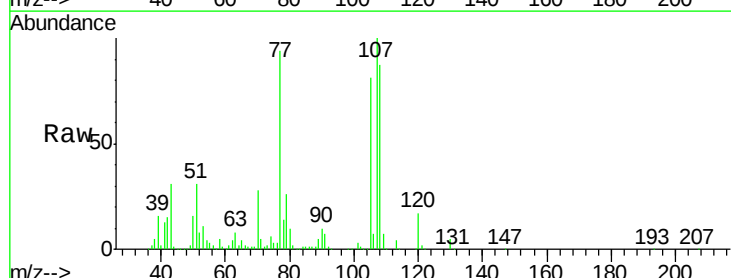
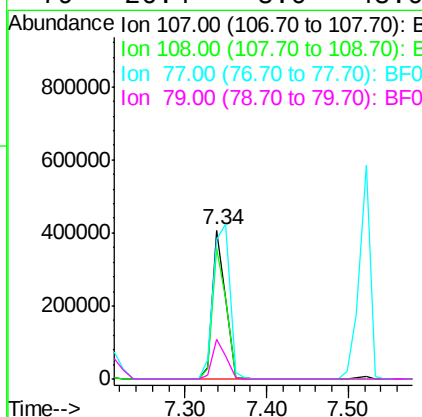
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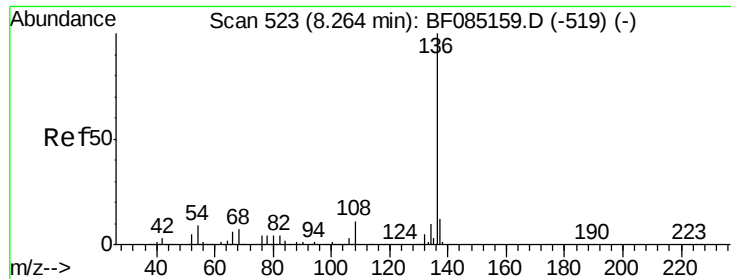
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#20
3+4-Methylphenols
Concen: 38.24 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.4	68.8	108.8	
77	93.8	53.6	93.6	
79	26.4	8.0	48.0	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 519

Delta R.T. -0.05 min

Lab File: BF085377.D

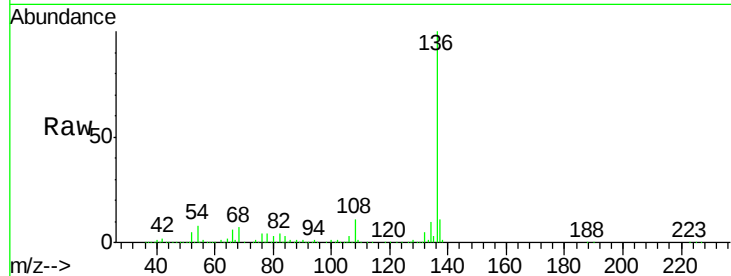
Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

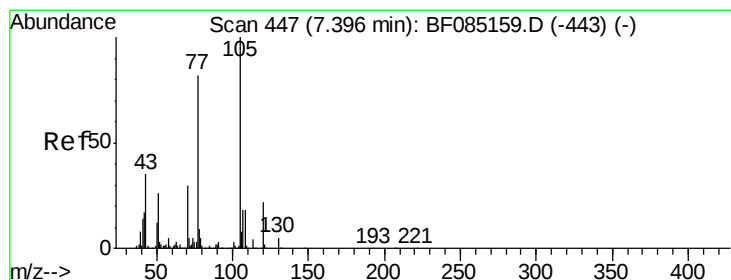
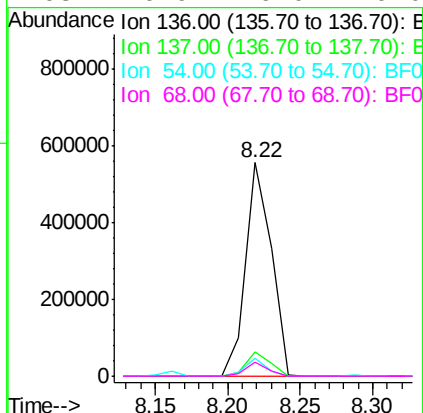
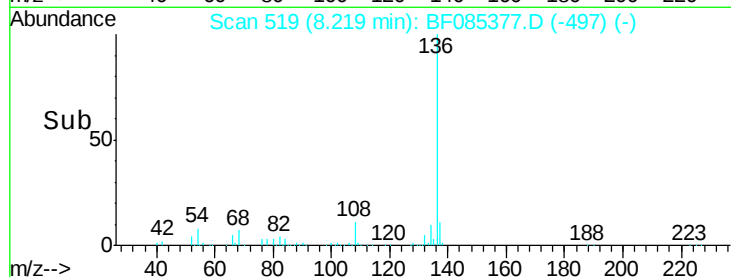
PB88818BS



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	681258		
137	11.2	9.3	13.9	
54	8.3	7.4	11.2	
68	6.9	6.0	9.0	

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#22

Acetophenone

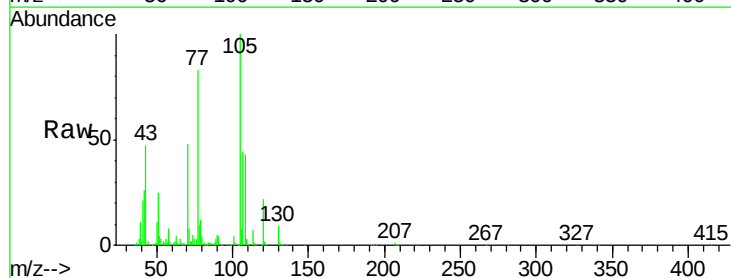
Concen: 37.65 ng

RT: 7.35 min Scan# 443

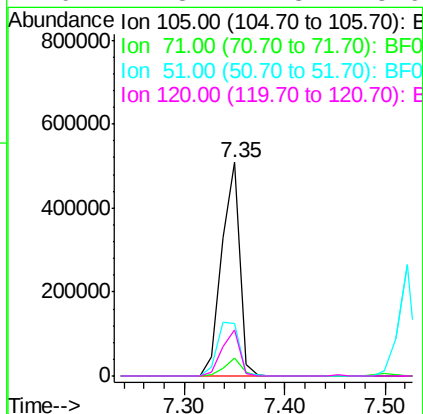
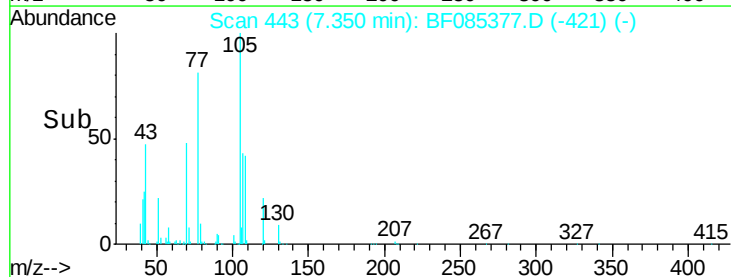
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	626110		
71	8.2	4.1	6.1#	
51	24.6	21.1	31.7	
120	21.8	17.3	25.9	





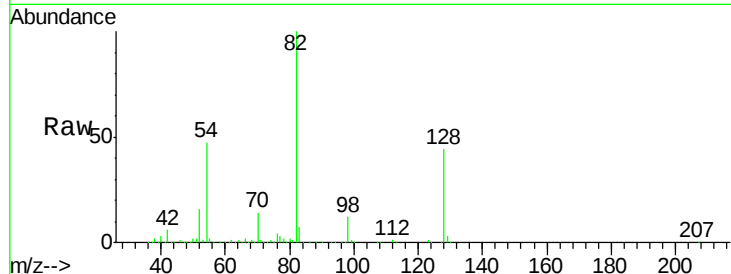
#23
Nitrobenzene-d5
Concen: 77.58 ng
RT: 7.50 min Scan# 456
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

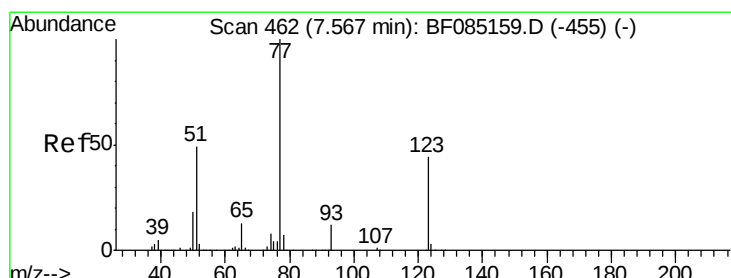
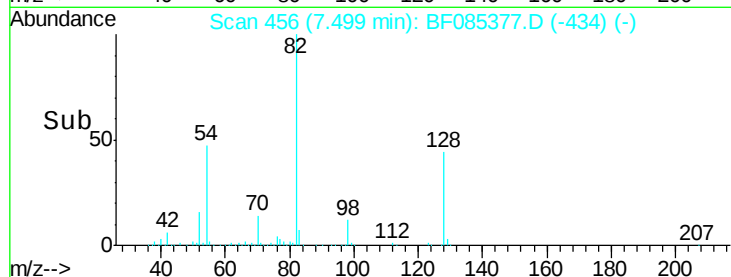
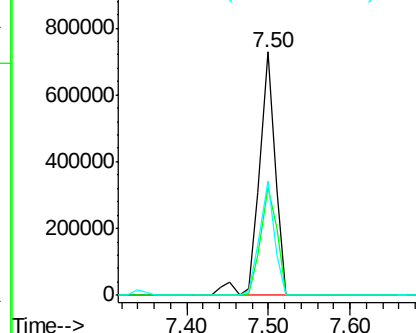
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.3	34.5	51.7
54	47.1	39.3	58.9

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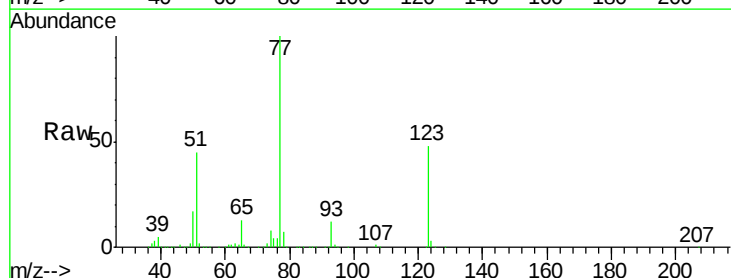


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

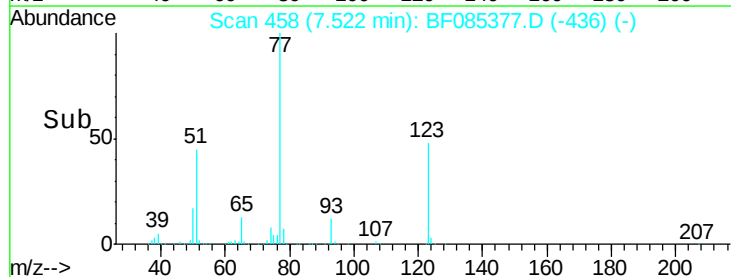
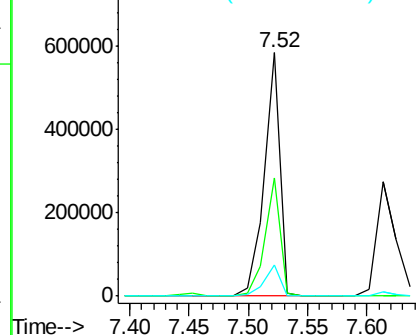


#24
Nitrobenzene
Concen: 41.88 ng
RT: 7.52 min Scan# 458
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.3	35.4	53.2
65	12.9	10.6	16.0



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.02 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

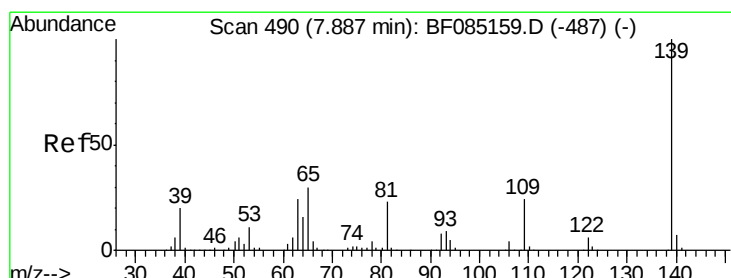
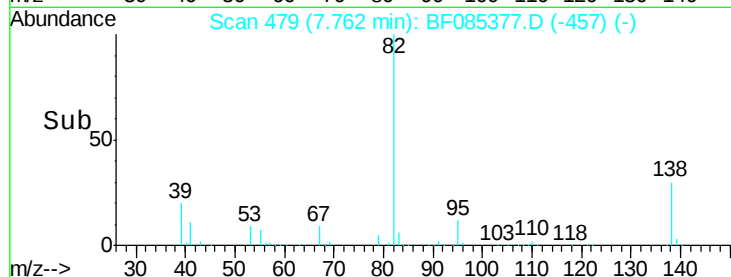
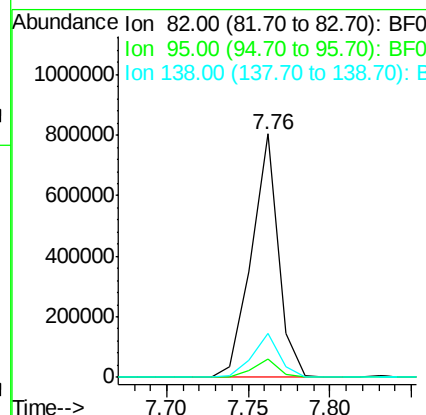
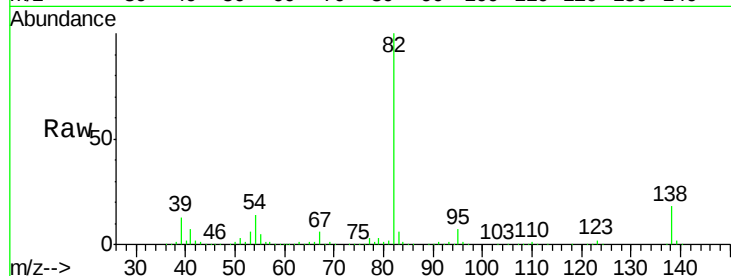
ClientSampleId :

PB88818BS

Tgt Ion:	82	Resp:	920660
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.4	8.2
138	18.1	13.3	19.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 41.77 ng

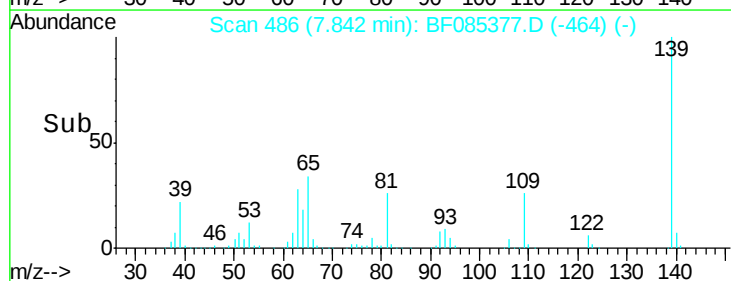
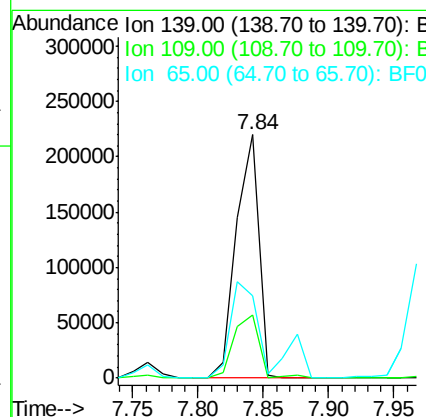
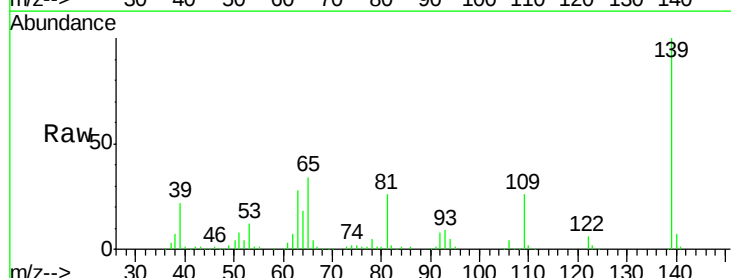
RT: 7.84 min Scan# 486

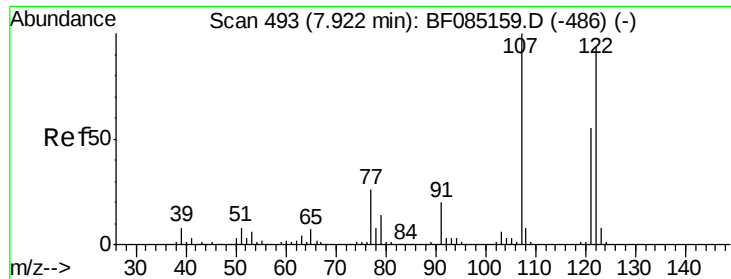
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	139	Resp:	262900
Ion Ratio	Lower	Upper	
139	100		
109	26.1	19.1	28.7
65	33.6	23.9	35.9





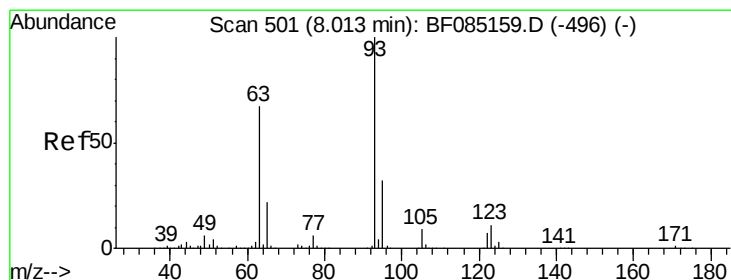
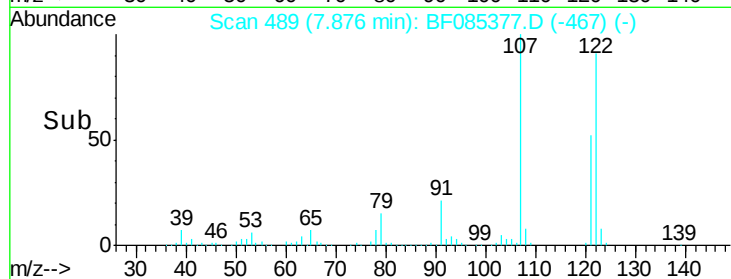
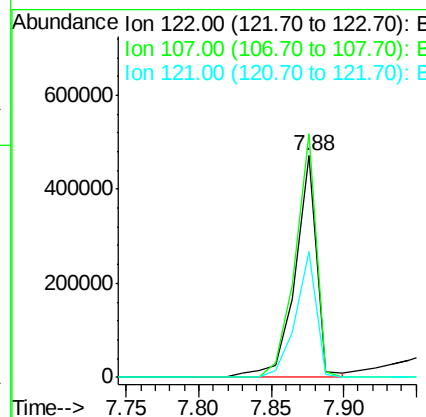
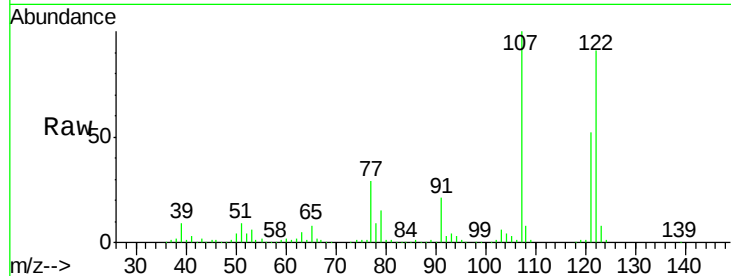
#27
2,4-Dimethylphenol
Concen: 42.43 ng
RT: 7.88 min Scan# 489
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	488012		
107	109.9	84.8	127.2	
121	57.1	47.0	70.6	

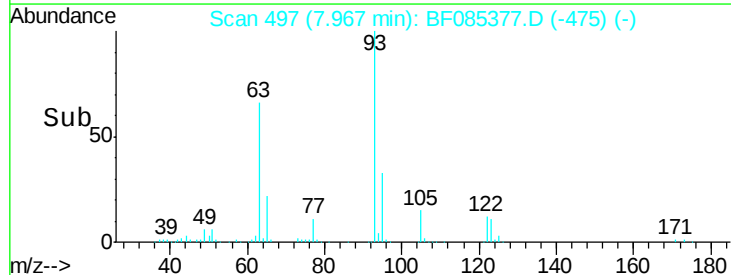
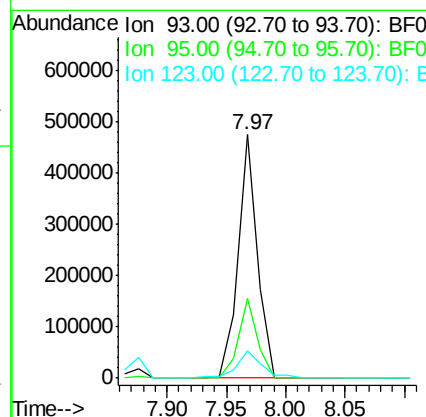
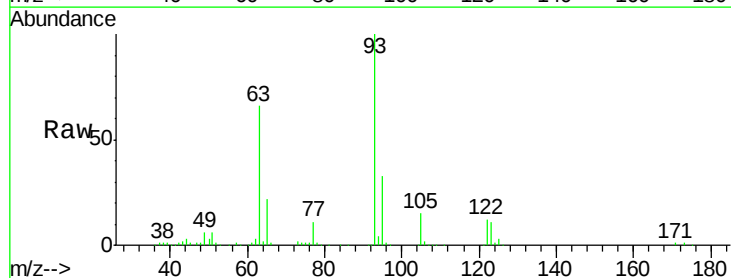
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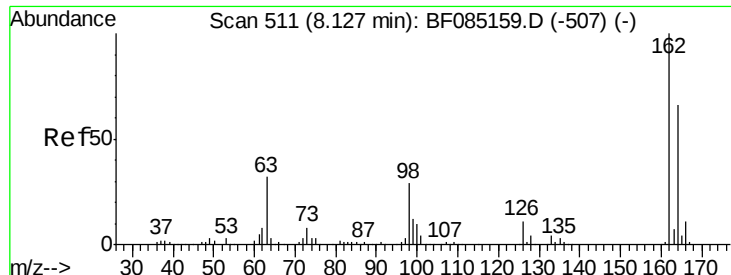
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#28
bis(2-Chloroethoxy)methane
Concen: 40.67 ng
RT: 7.97 min Scan# 497
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	534407		
95	32.7	25.9	38.9	
123	11.2	8.8	13.2	





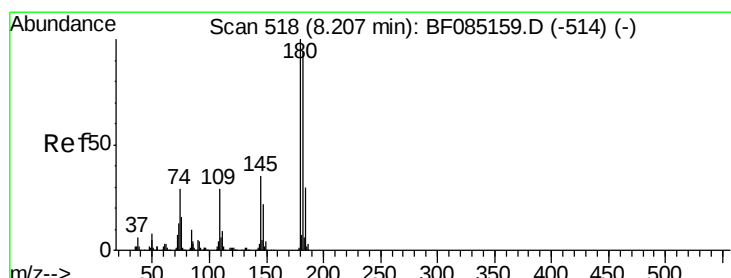
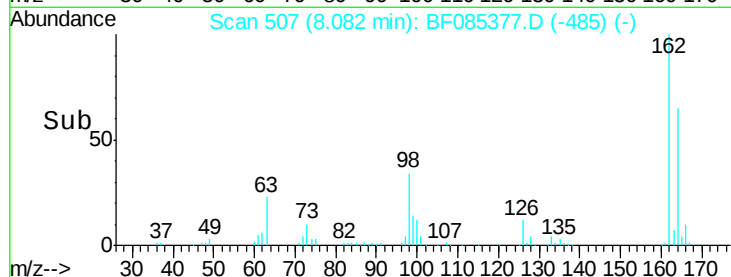
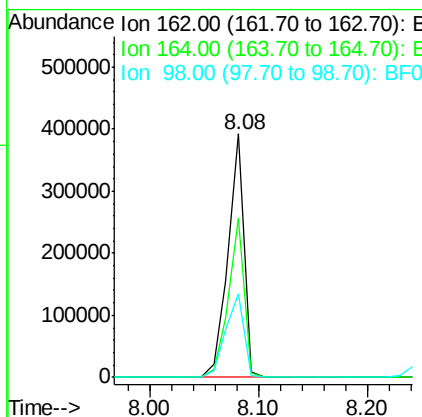
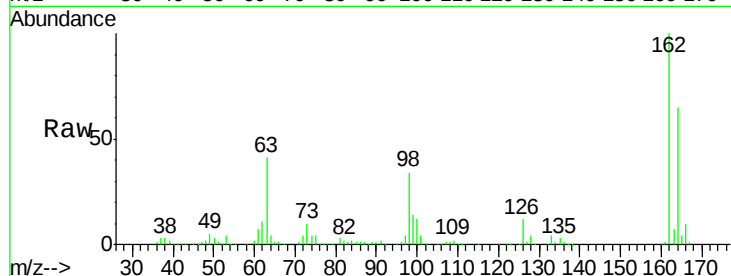
#29
 2,4-Dichlorophenol
 Concen: 43.00 ng
 RT: 8.08 min Scan# 507
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	398884		
164	65.5	45.7	85.7	
98	34.2	9.4	49.4	

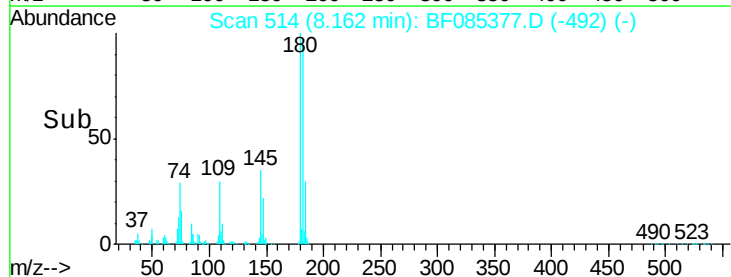
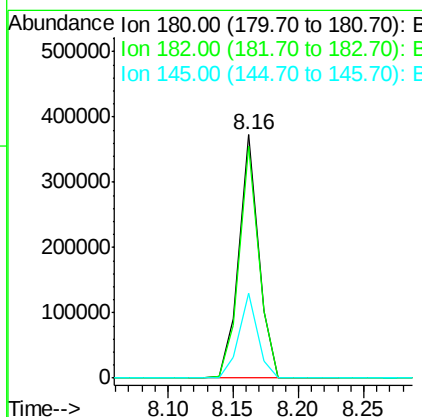
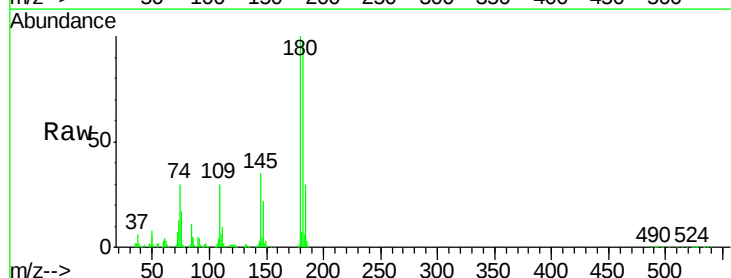
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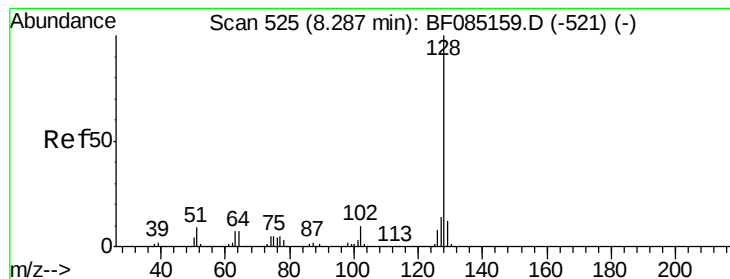
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.94 ng
 RT: 8.16 min Scan# 514
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	390555		
182	95.4	74.9	112.3	
145	35.1	27.9	41.9	





#31

Naphthalene

Concen: 37.98 ng

RT: 8.24 min Scan# 521

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion:128 Resp: 1272172

Ion Ratio Lower Upper

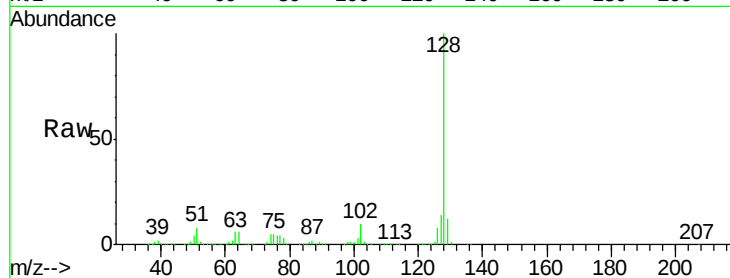
128 100

129 11.8 9.7 14.5

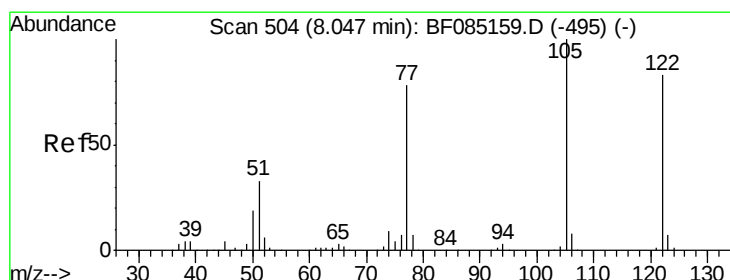
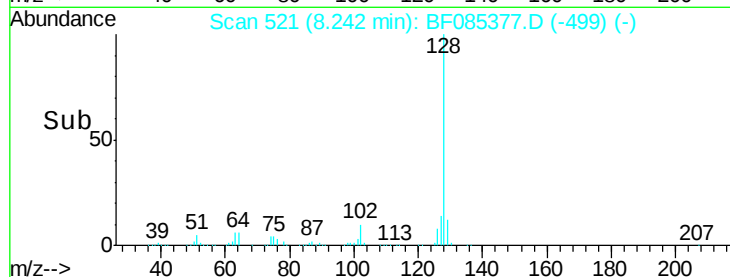
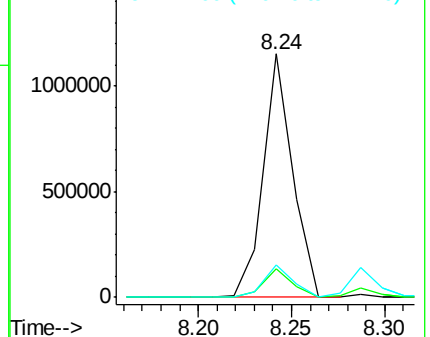
127 13.6 11.2 16.8

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 40.50 ng

RT: 7.99 min Scan# 499

Delta R.T. -0.06 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

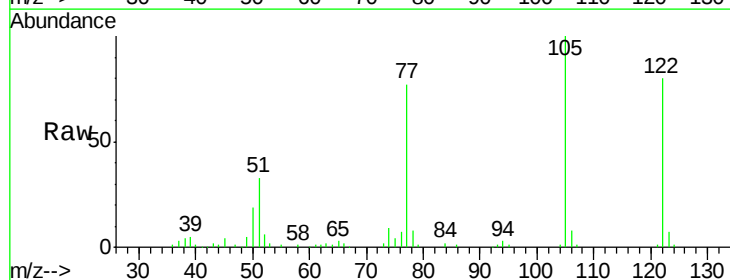
Tgt Ion:122 Resp: 309422

Ion Ratio Lower Upper

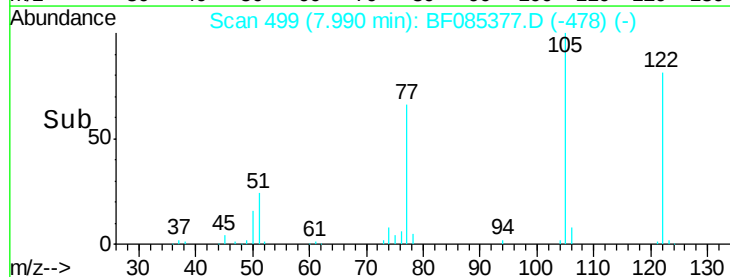
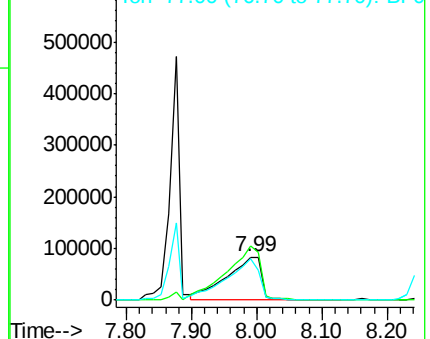
122 100

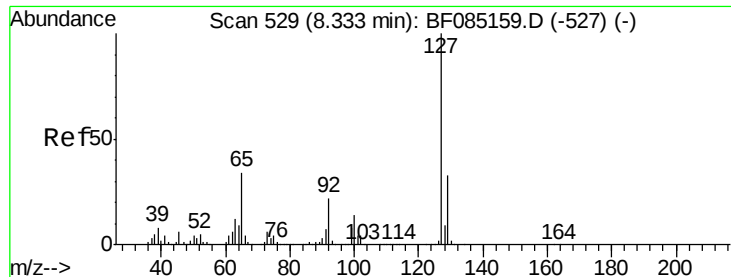
105 124.8 101.3 141.3

77 95.6 74.7 114.7



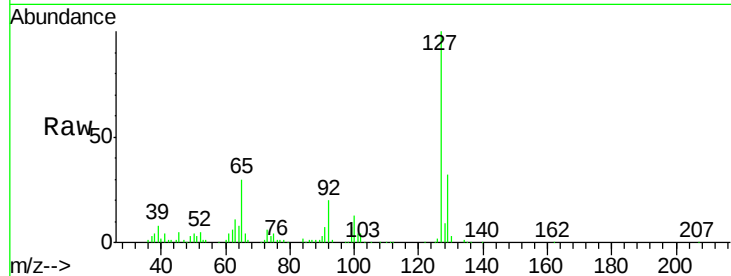
Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33
4-Chloroaniline
Concen: 11.32 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

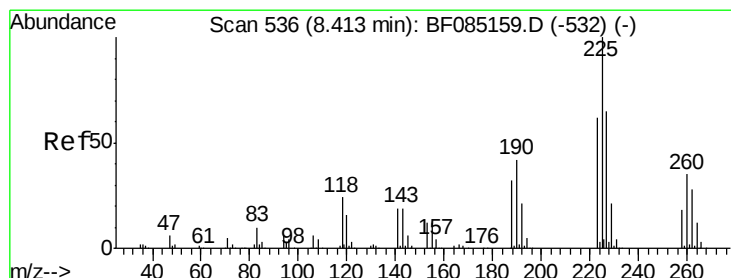
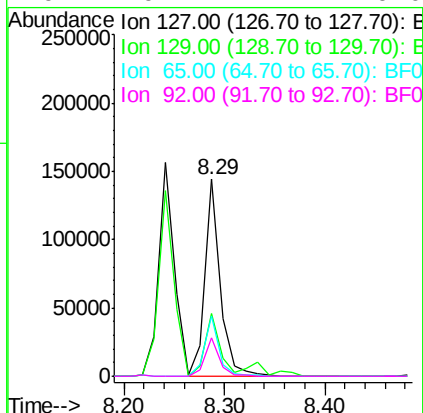
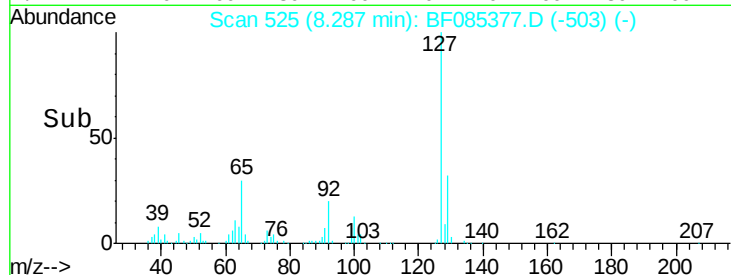
Instrument :
BNA_F
ClientSampleId :
PB88818BS



Tgt Ion	Ratio	Resp	Lower	Upper
127	100	153401		
129	31.9	26.1	39.1	
65	30.4	27.0	40.6	
92	19.7	17.4	26.0	

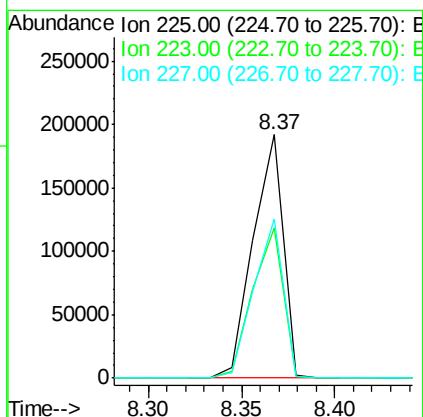
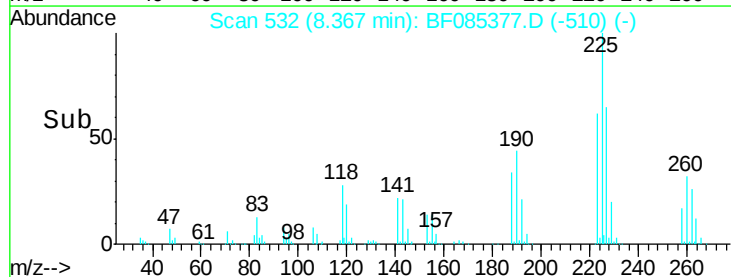
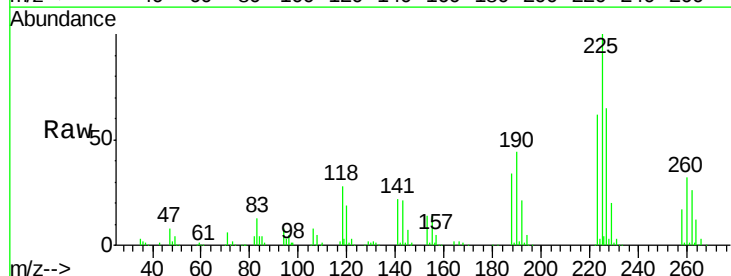
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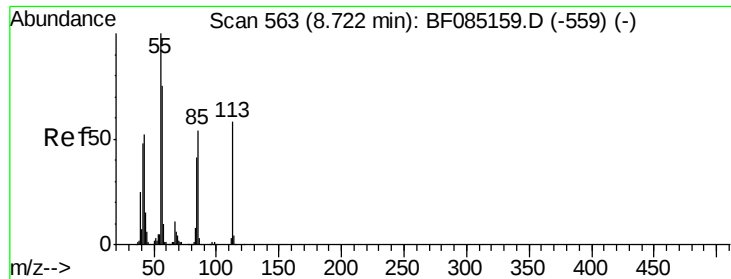
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#34
Hexachlorobutadiene
Concen: 40.91 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	213468		
223	61.6	49.7	74.5	
227	65.4	52.2	78.4	





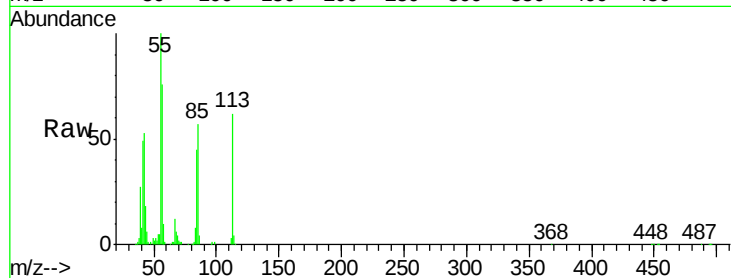
#35
 Caprolactam
 Concen: 41.02 ng m
 RT: 8.66 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

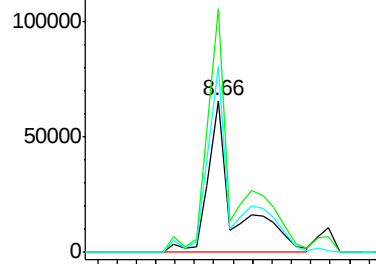
Tgt Ion:113 Resp: 124272
 Ion Ratio Lower Upper
 113 100
 55 160.8 152.7 192.7
 56 122.4 109.0 149.0

Manual Integrations
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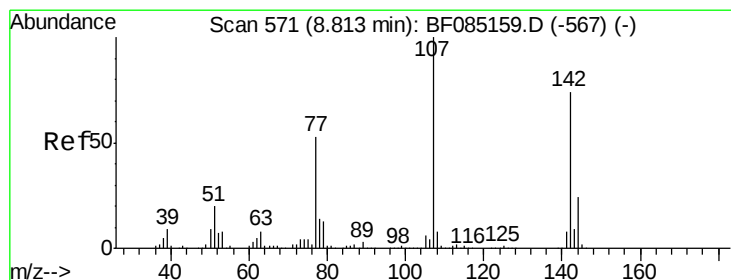
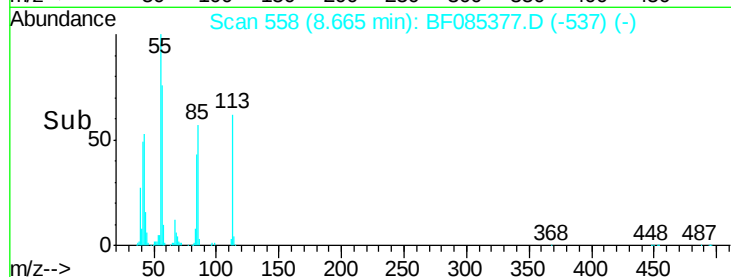
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Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

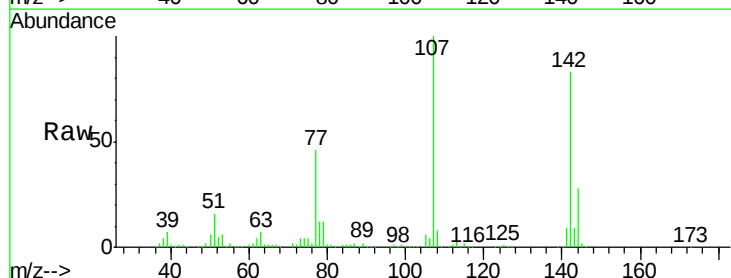


Time-->

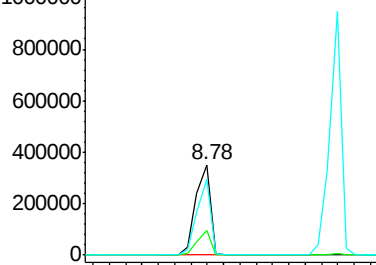


#36
 4-Chloro-3-methylphenol
 Concen: 41.77 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

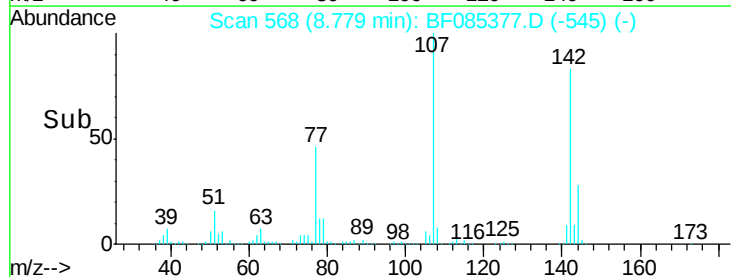
Tgt Ion:107 Resp: 439565
 Ion Ratio Lower Upper
 107 100
 144 27.9 19.4 29.2
 142 83.4 59.4 89.2



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



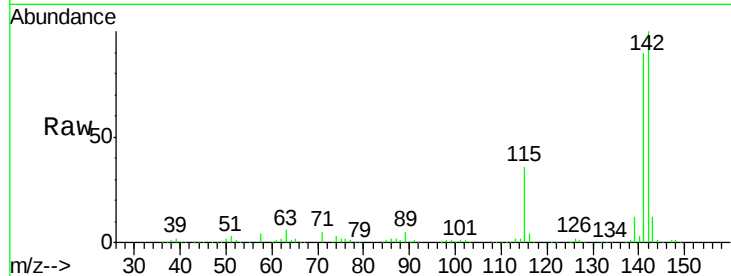
Time-->





#37
 2-Methylnaphthalene
 Concen: 42.76 ng
 RT: 8.94 min Scan# 582
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

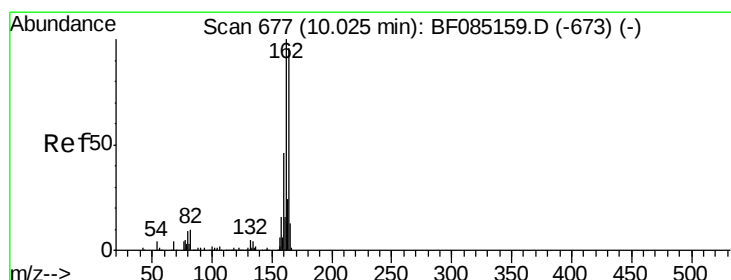
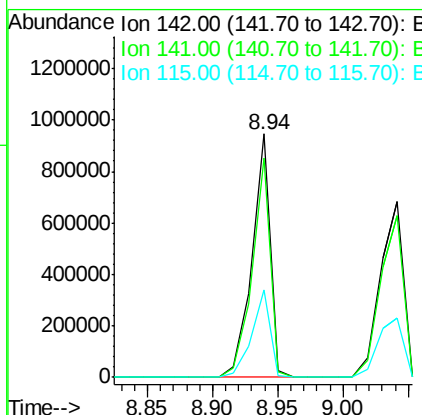
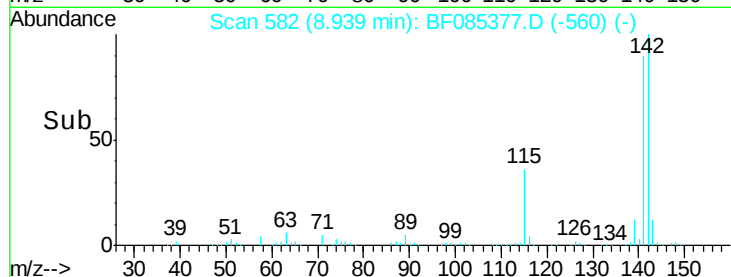
Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS



Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.7	107.5
115	35.9	26.2	39.4

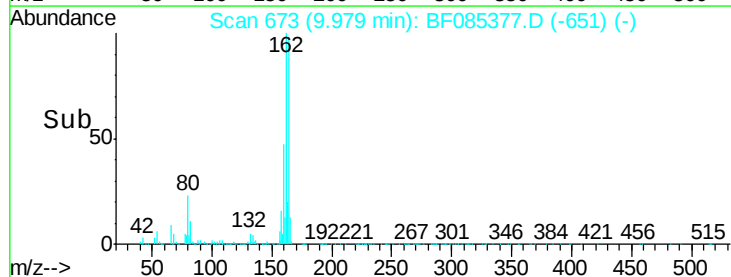
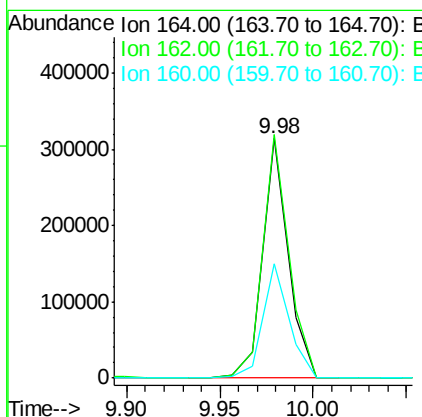
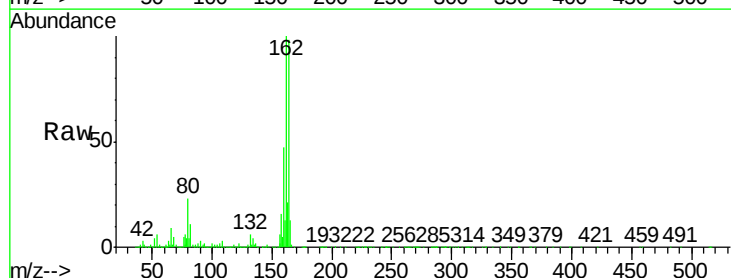
Manual Integrations
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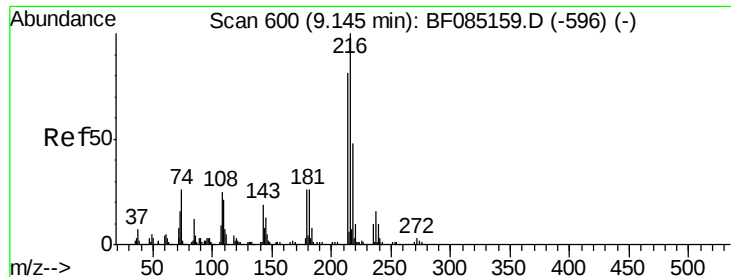
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.98 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.3	124.9
160	47.6	37.9	56.9





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.31 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085377.D

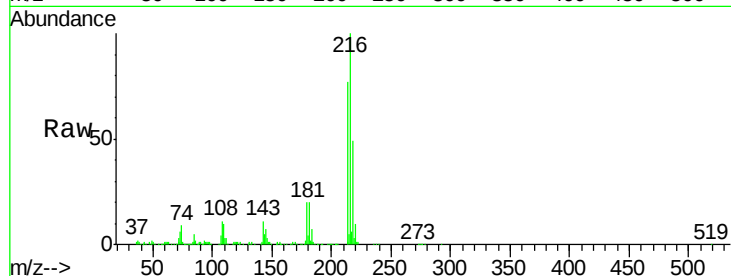
Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS



Tgt Ion: 216 Resp: 349580

Ion Ratio Lower Upper

216 100

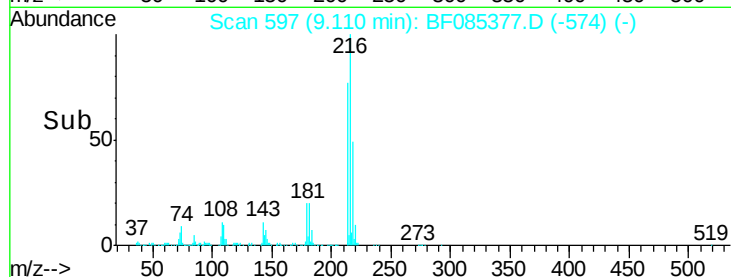
214 78.9 63.8 95.6

179 22.8 19.6 29.4

108 23.3 19.6 29.4

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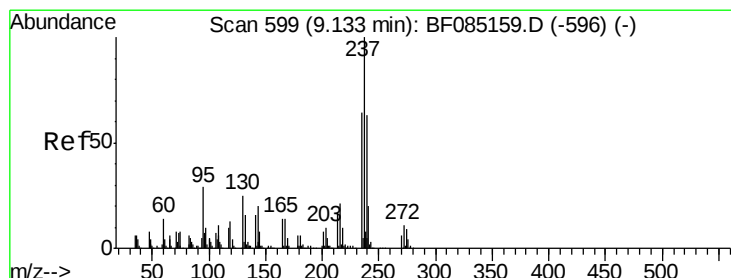
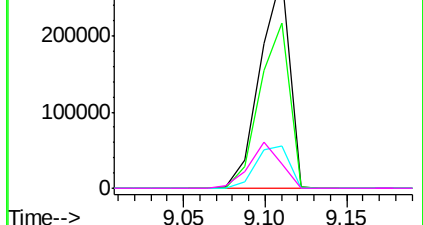


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.56 ng

RT: 9.09 min Scan# 595

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

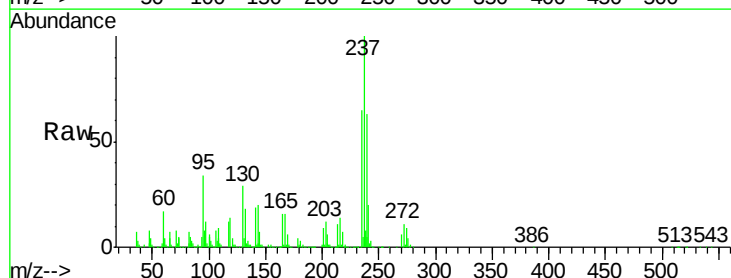
Tgt Ion: 237 Resp: 372265

Ion Ratio Lower Upper

237 100

235 64.8 43.7 83.7

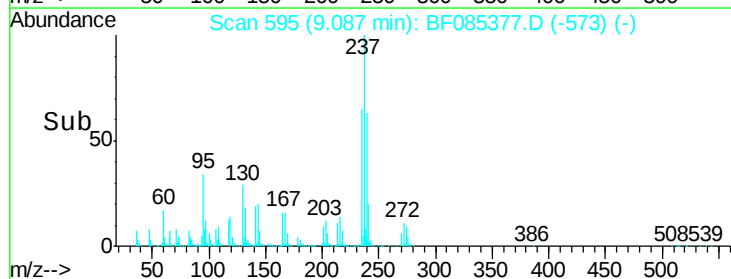
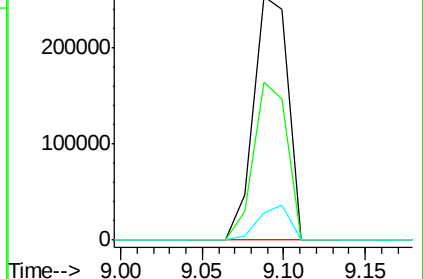
272 11.2 0.0 31.5

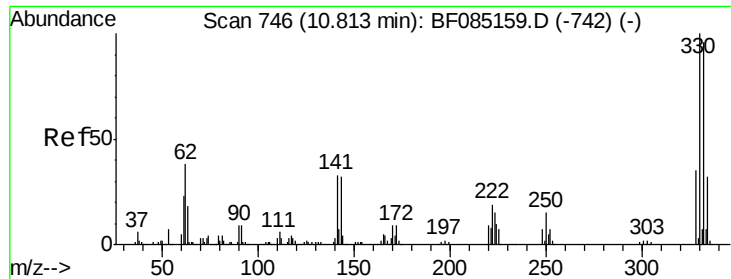


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





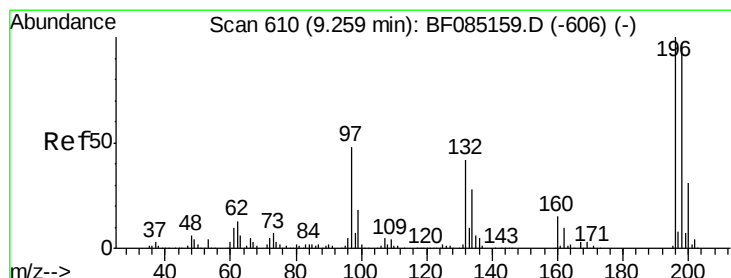
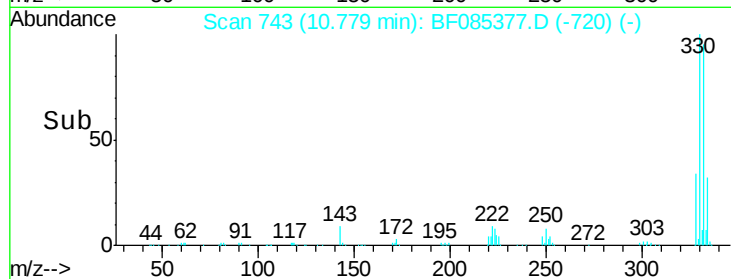
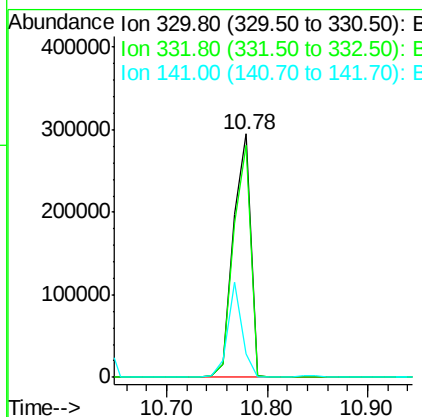
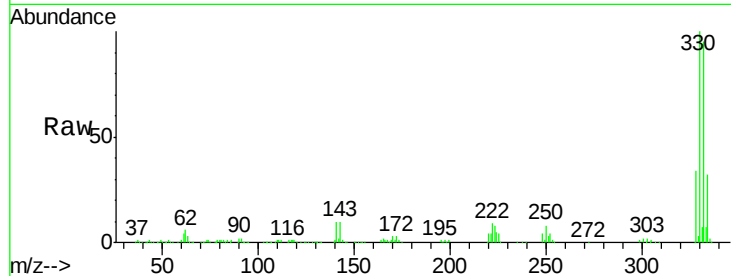
#41
 2,4,6-Tribromophenol
 Concen: 139.38 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	352918		
332	95.1	77.1	115.7	
141	32.8	35.0	52.6	

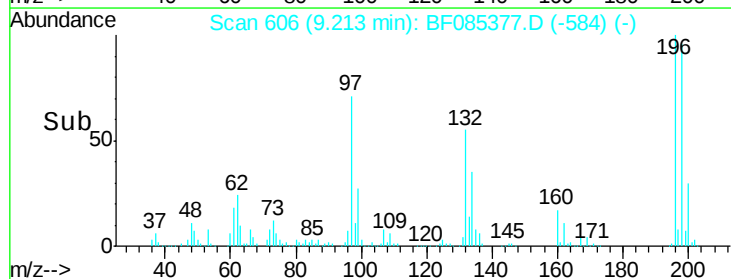
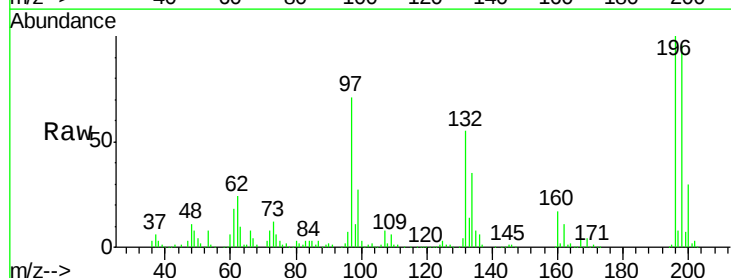
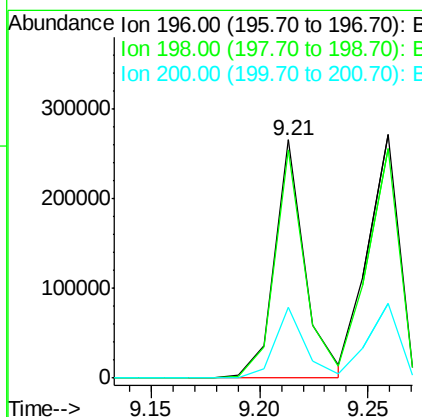
Manual Integrations
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#42
 2,4,6-Trichlorophenol
 Concen: 41.12 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

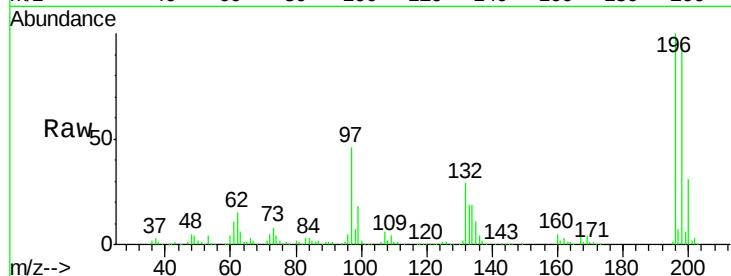
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259041		
198	95.9	77.8	116.6	
200	30.0	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 45.34 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

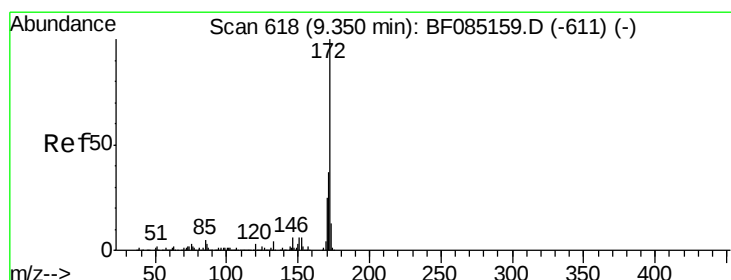
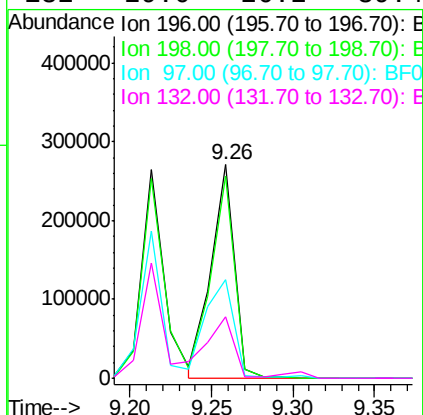
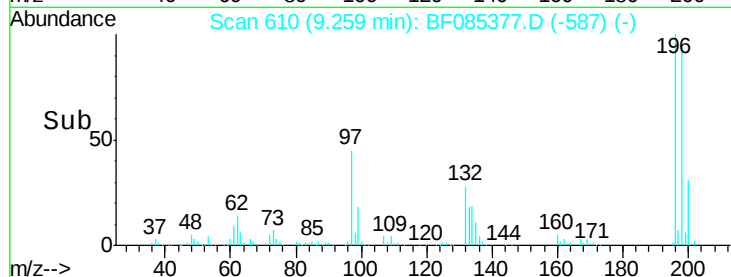
Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	270802		
198	94.5	75.7	113.5	
97	46.0	46.4	69.6	
132	29.0	26.2	39.4	

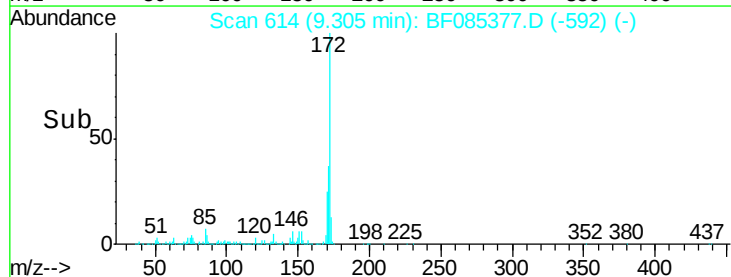
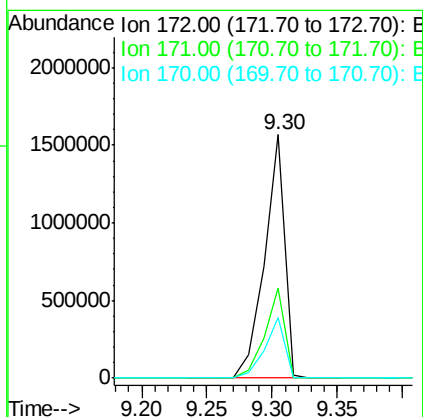
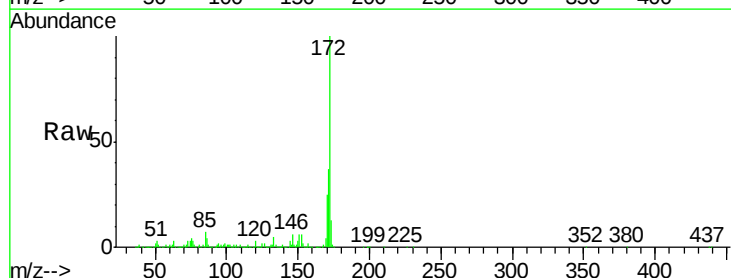
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#44
 2-Fluorobiphenyl
 Concen: 86.81 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1689123		
171	37.1	29.3	43.9	
170	24.8	20.0	30.0	





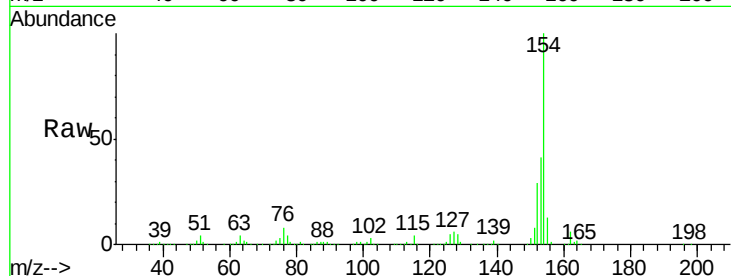
#45
 1,1'-Biphenyl
 Concen: 41.04 ng
 RT: 9.41 min Scan# 623
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

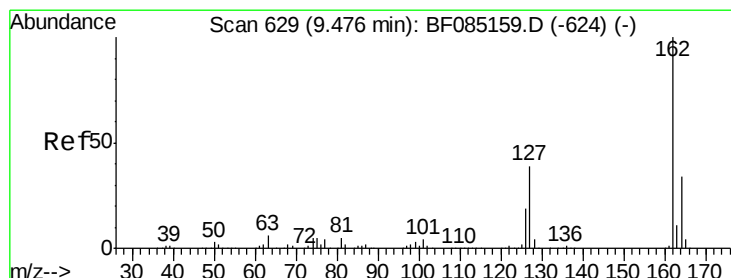
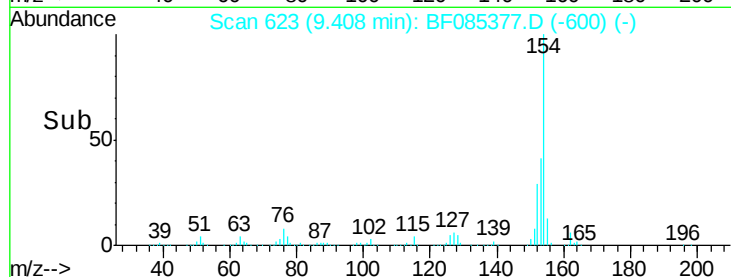
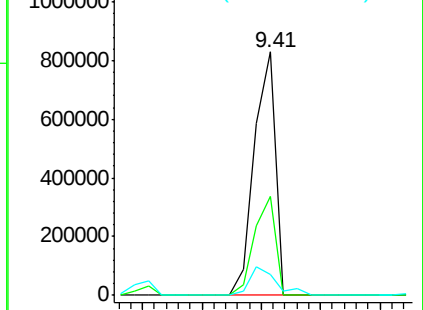
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	8.5	0.0	37.5

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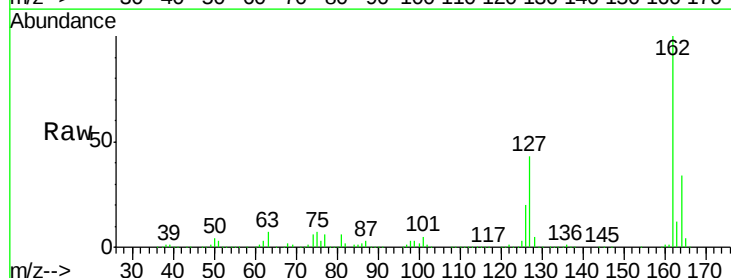


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

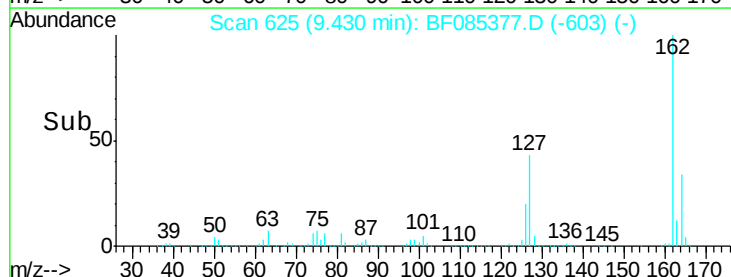
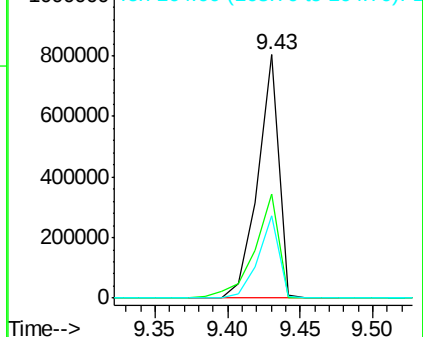


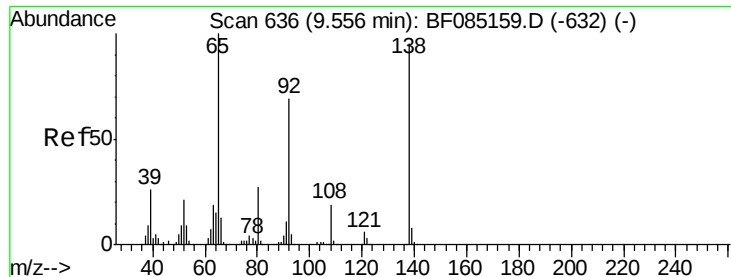
#46
 2-Chloronaphthalene
 Concen: 41.93 ng
 RT: 9.43 min Scan# 625
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.6	31.6	47.4
164	33.7	27.1	40.7



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





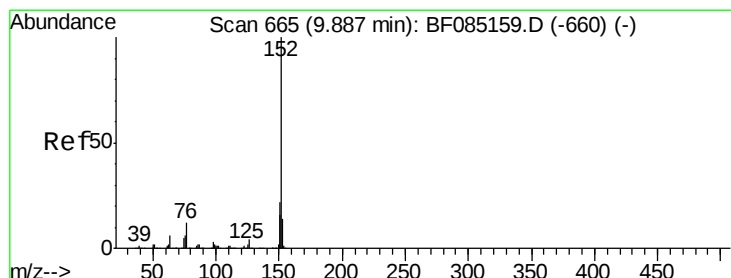
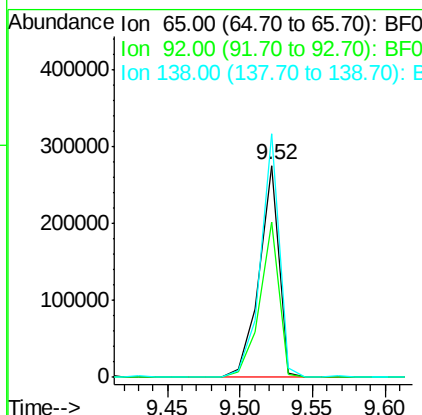
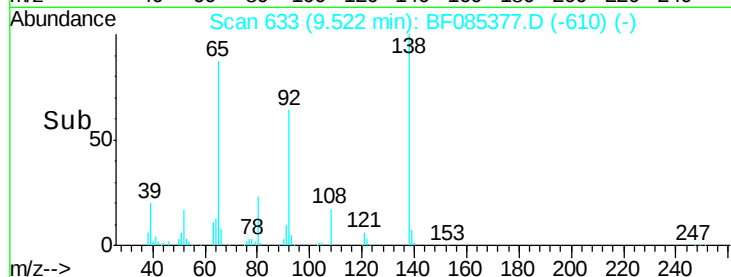
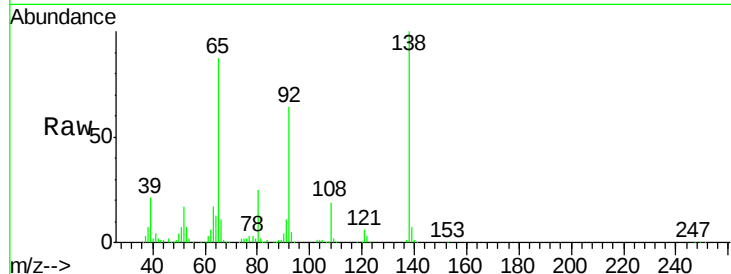
#47
2-Nitroaniline
Concen: 43.77 ng
RT: 9.52 min Scan# 633
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion: 65 Resp: 261373
Ion Ratio Lower Upper
65 100
92 73.3 55.4 83.2
138 114.8 75.7 113.5#

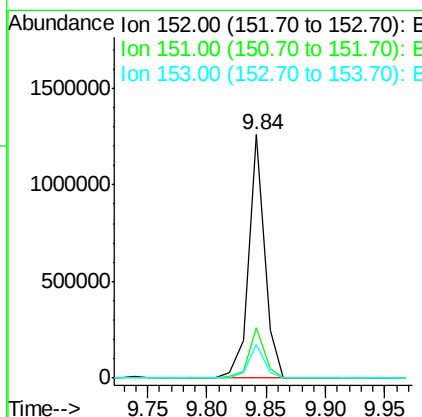
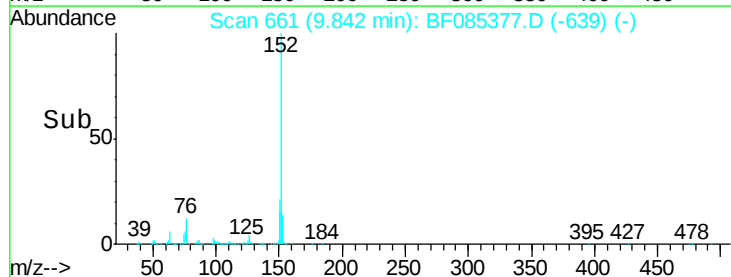
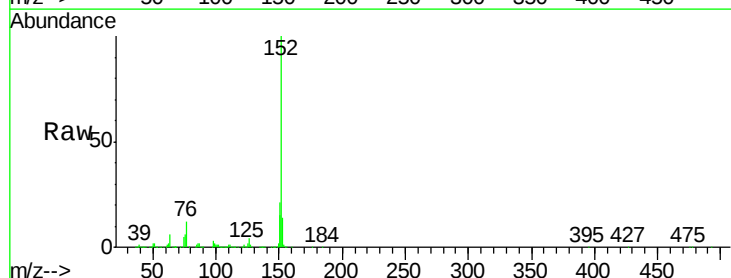
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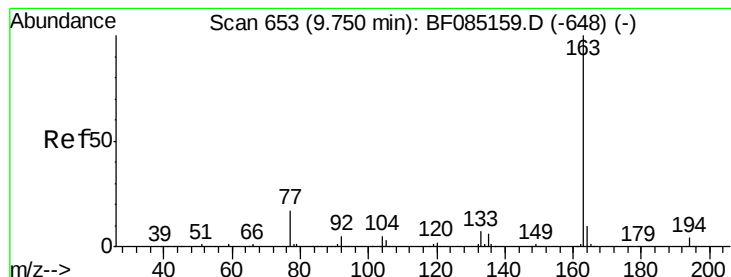
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#48
Acenaphthylene
Concen: 39.66 ng
RT: 9.84 min Scan# 661
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion: 152 Resp: 1189617
Ion Ratio Lower Upper
152 100
151 20.7 17.5 26.3
153 13.7 11.3 16.9





#49

Dimethylphthalate

Concen: 40.69 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085377.D

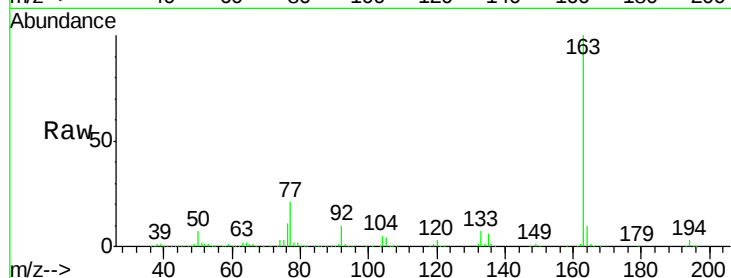
Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

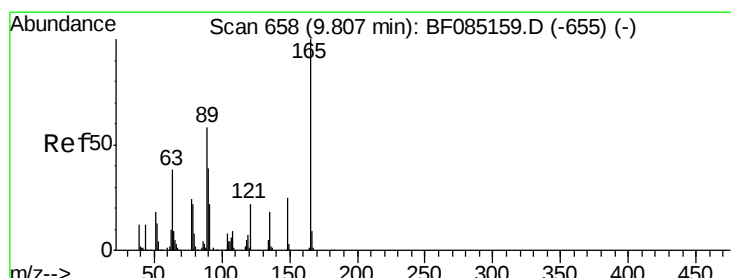
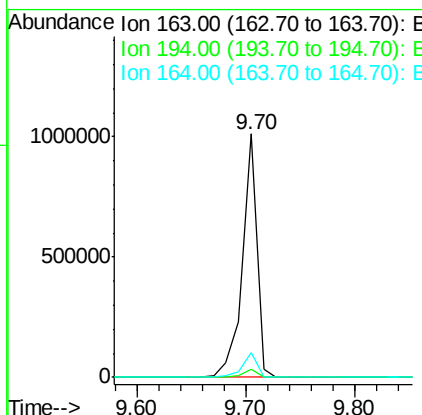
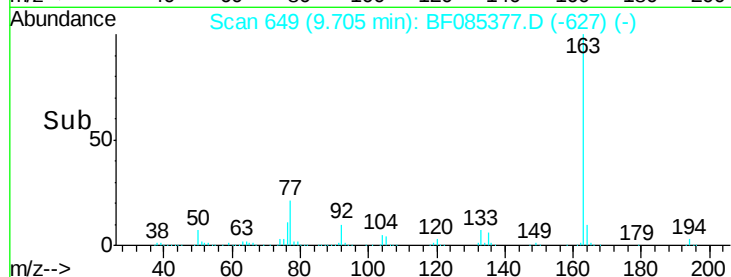
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Tgt Ion:	163	Resp:	924061
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.1	4.7
164	10.3	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 38.00 ng

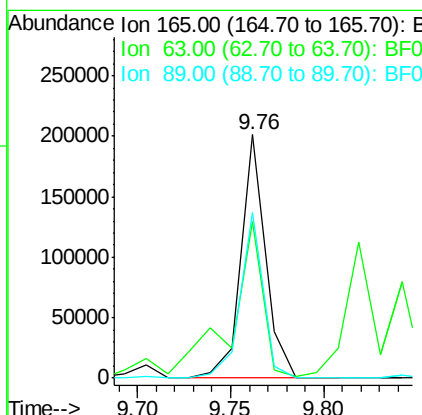
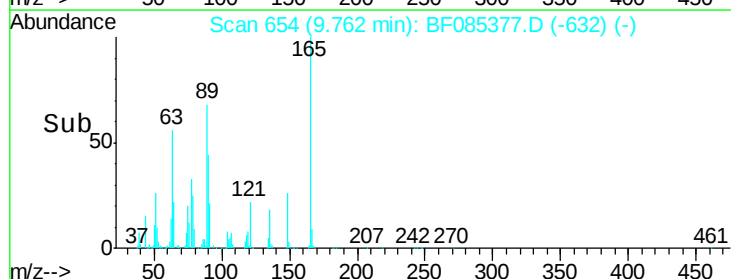
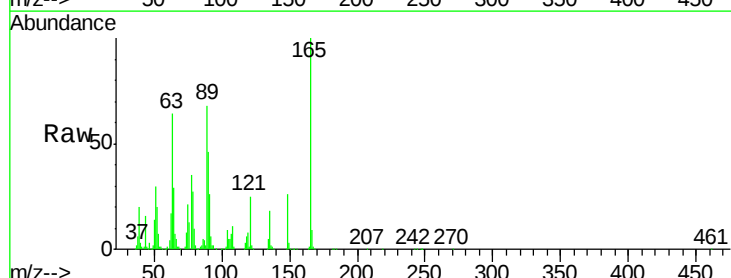
RT: 9.76 min Scan# 654

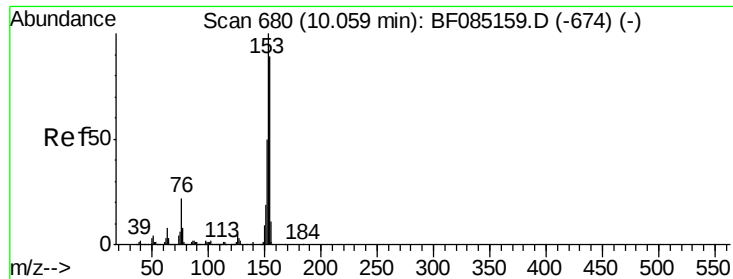
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	165	Resp:	184646
Ion Ratio	Lower	Upper	
165	100		
63	64.4	41.8	62.8#
89	68.2	46.7	70.1





#51

Acenaphthene

Concen: 43.63 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

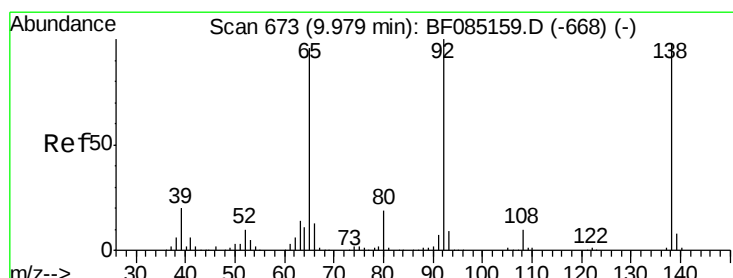
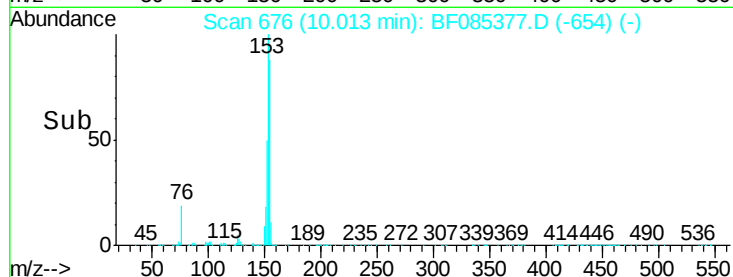
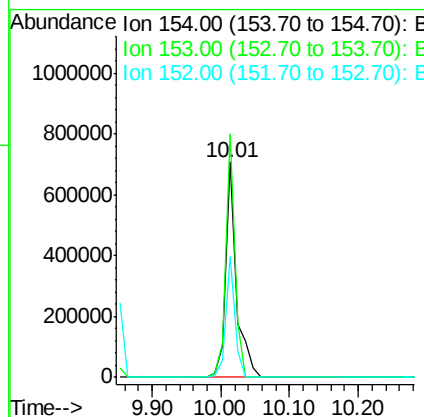
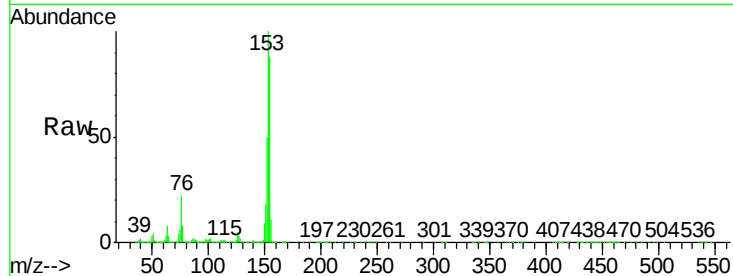
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Tgt Ion:	154	Resp:	794612
Ion Ratio	Lower	Upper	
154	100		
153	113.2	89.8	134.8
152	56.3	44.6	66.8



#52

3-Nitroaniline

Concen: 20.54 ng

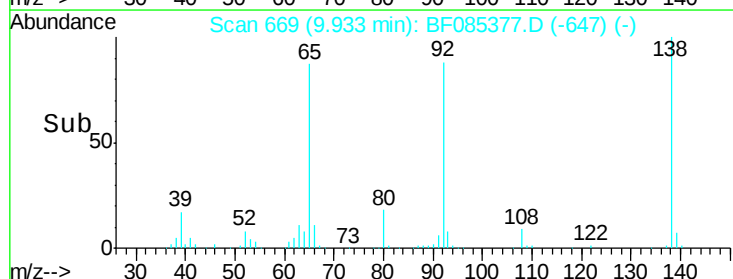
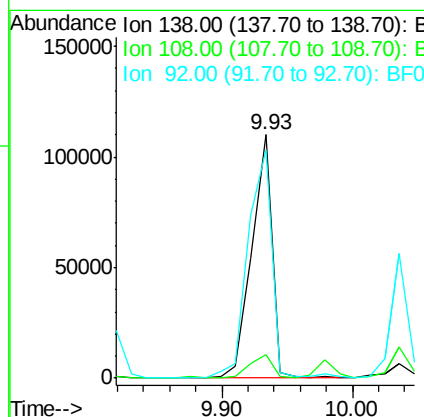
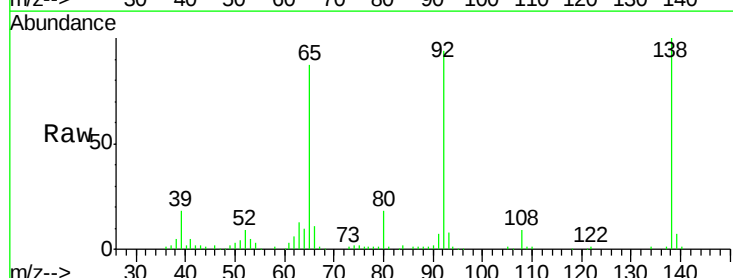
RT: 9.93 min Scan# 669

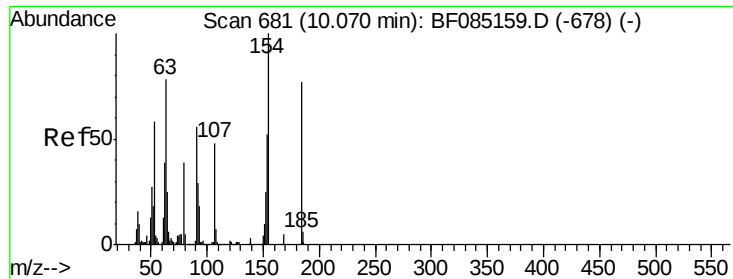
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	138	Resp:	119411
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	93.6	81.3	121.9





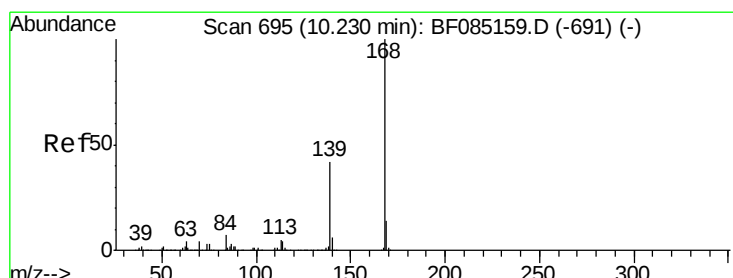
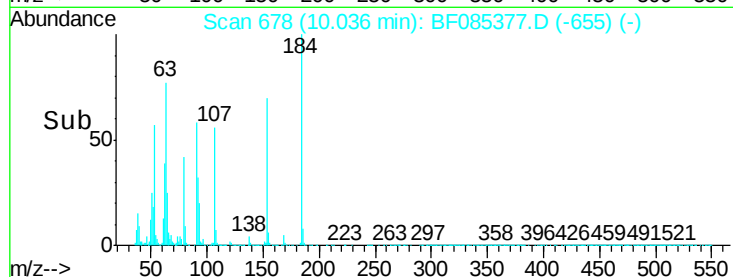
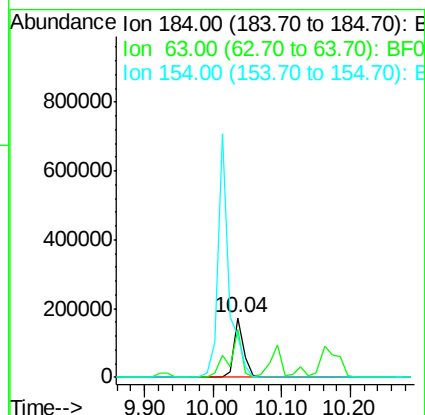
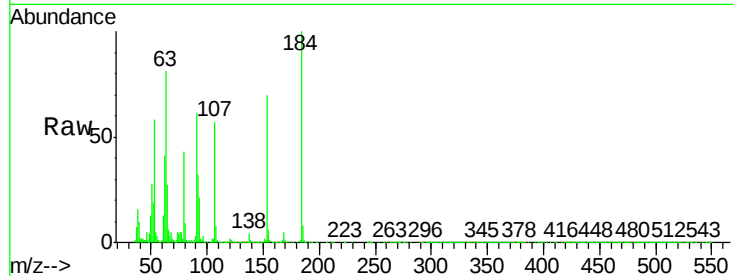
#53
2,4-Dinitrophenol
Concen: 73.06 ng
RT: 10.04 min Scan# 678
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	178228		
63	80.6	82.2	123.4#	
154	69.9	108.9	163.3#	

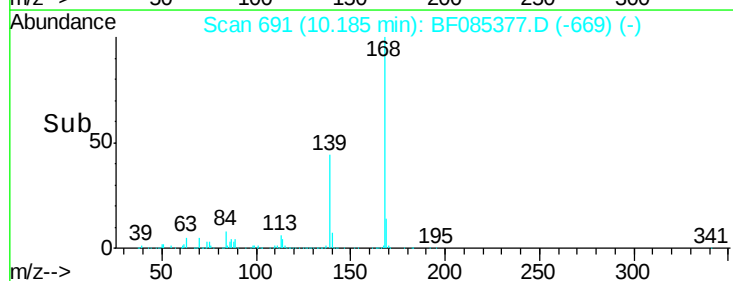
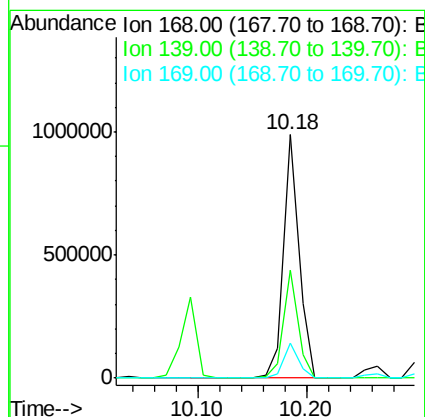
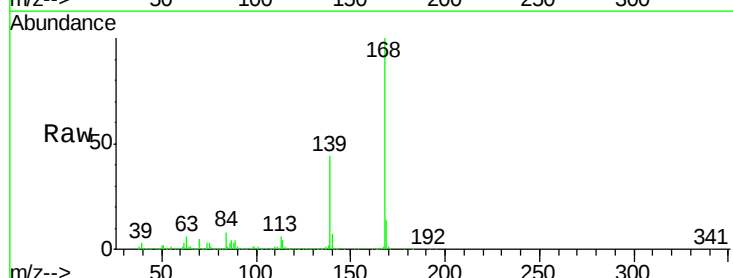
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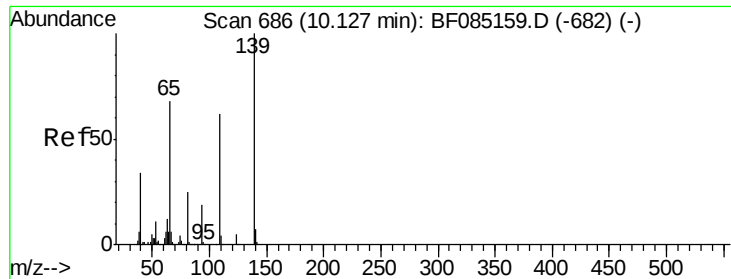
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#54
Dibenzofuran
Concen: 41.13 ng
RT: 10.18 min Scan# 691
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	981281		
139	44.3	33.6	50.4	
169	14.3	11.2	16.8	





#55

4-Nitrophenol

Concen: 73.68 ng

RT: 10.09 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

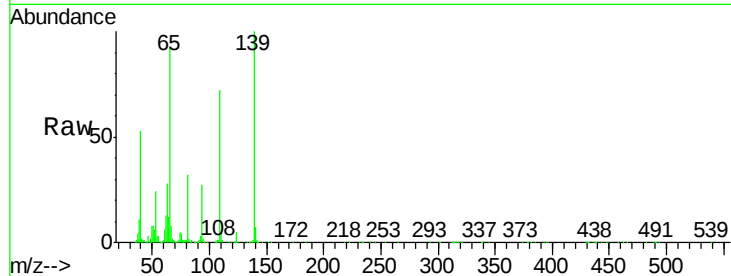
ClientSampleId :

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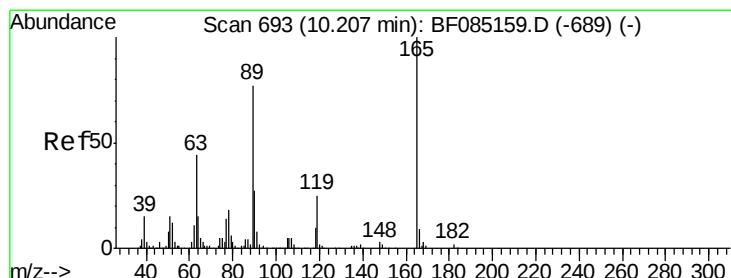
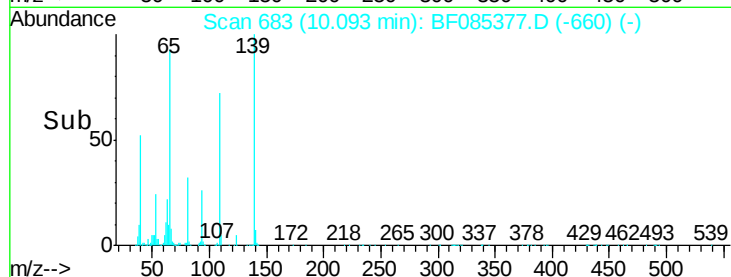
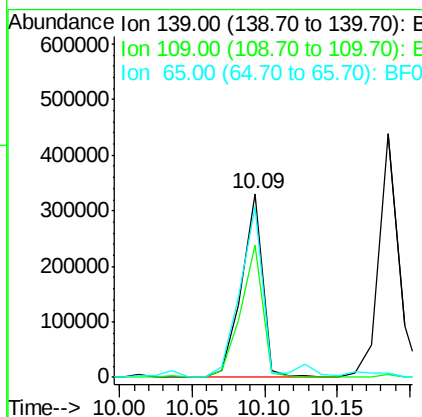
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Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	72.2	41.9	81.9	
65	93.0	48.3	88.3	



#56

2,4-Dinitrotoluene

Concen: 44.86 ng

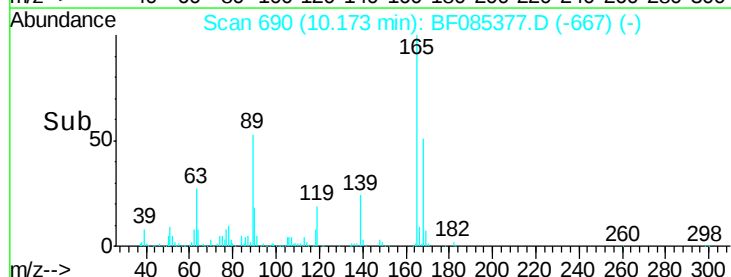
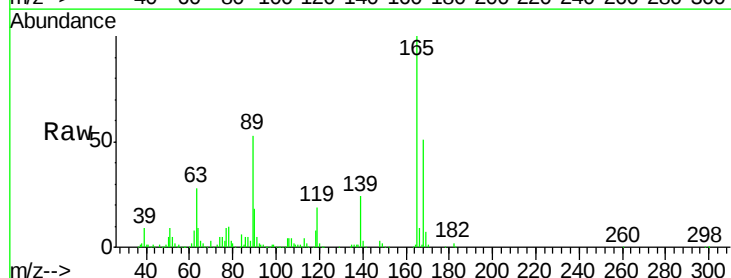
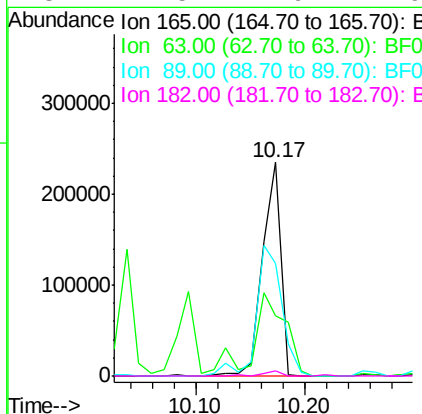
RT: 10.17 min Scan# 690

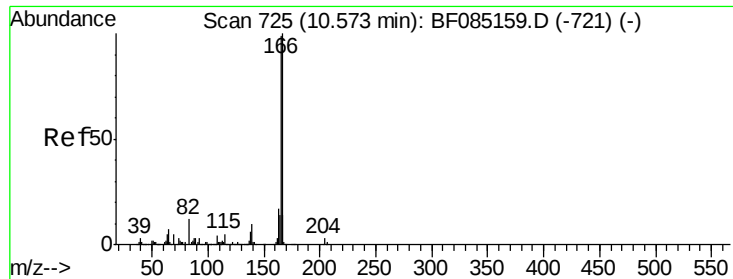
Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	28.1	35.4	53.0	
89	52.9	61.9	92.9	
182	2.5	1.9	2.9	





#57

Fluorene

Concen: 39.97 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

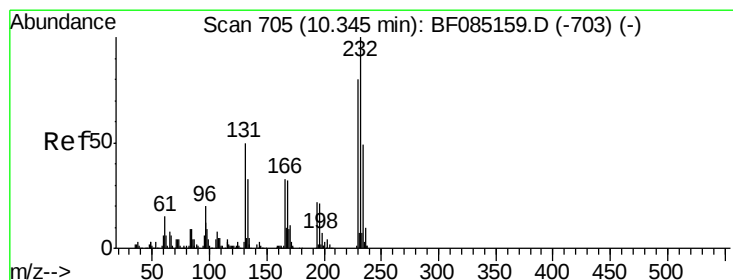
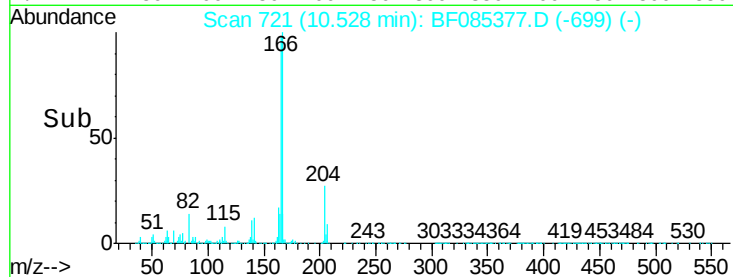
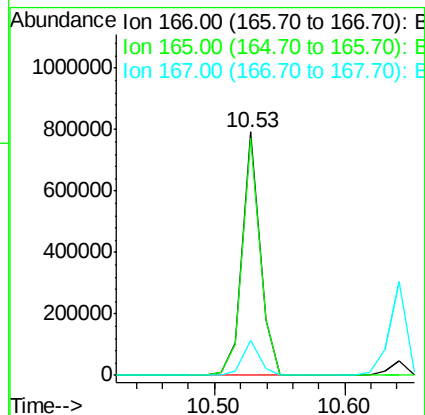
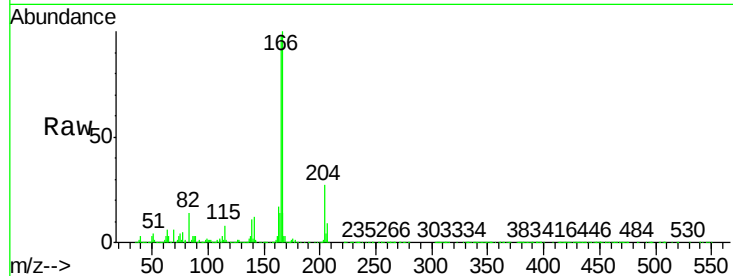
ClientSampled :

PB88818BS

Tgt Ion:	166	Resp:	749140
Ion Ratio	Lower	Upper	
166	100		
165	97.7	79.4	119.0
167	14.1	11.0	16.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 44.29 ng

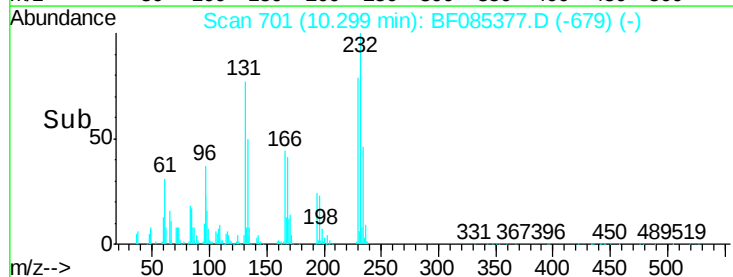
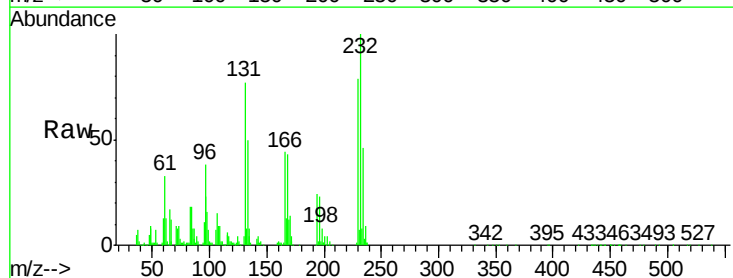
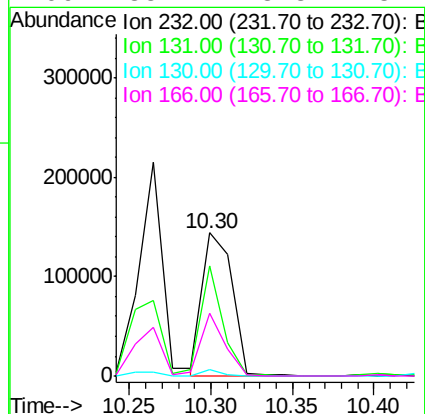
RT: 10.30 min Scan# 701

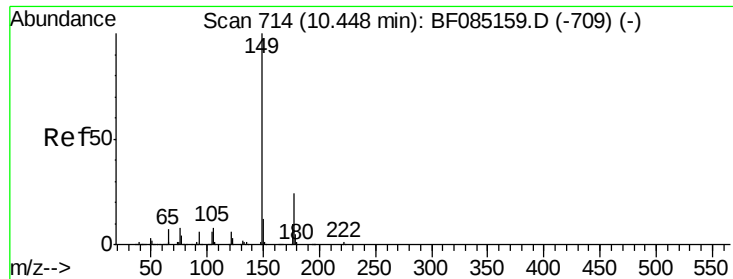
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	232	Resp:	185829
Ion Ratio	Lower	Upper	
232	100		
131	57.5	46.0	69.0
130	3.2	2.2	3.4
166	35.7	28.8	43.2





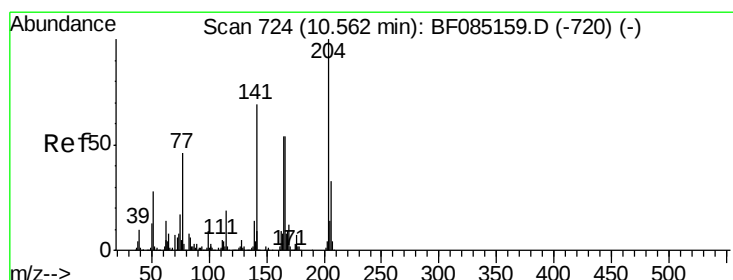
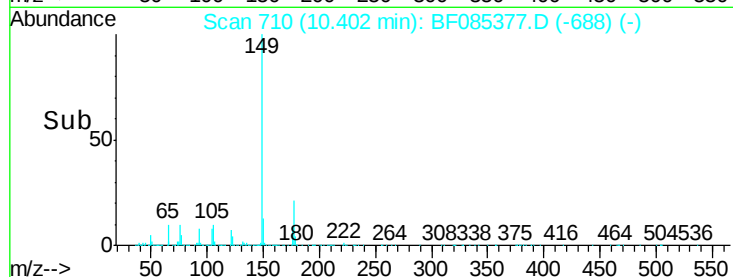
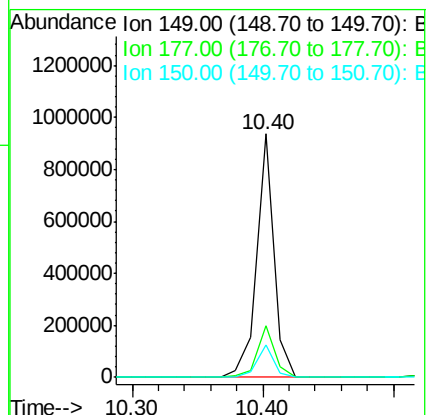
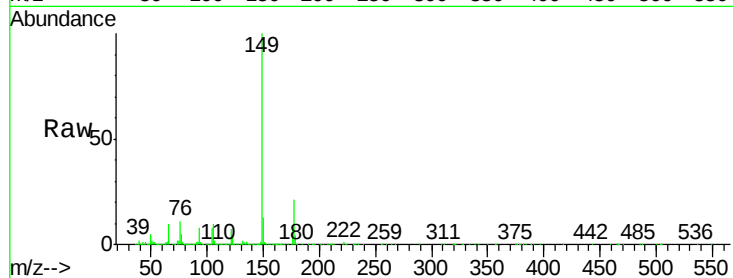
#59
Diethylphthalate
Concen: 39.29 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	865946		
177	21.4	19.2	28.8	
150	13.1	9.9	14.9	

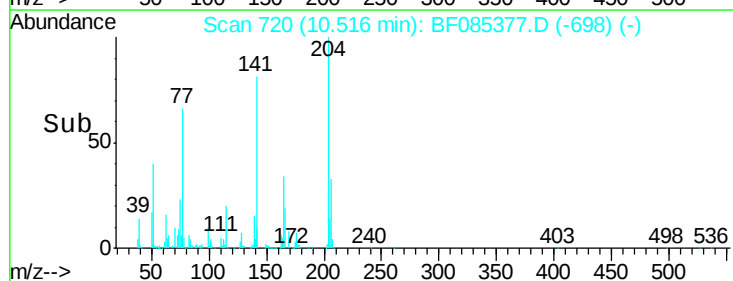
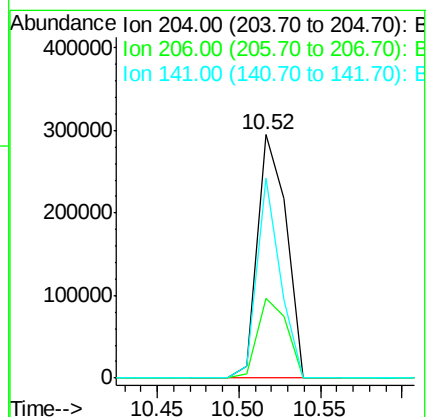
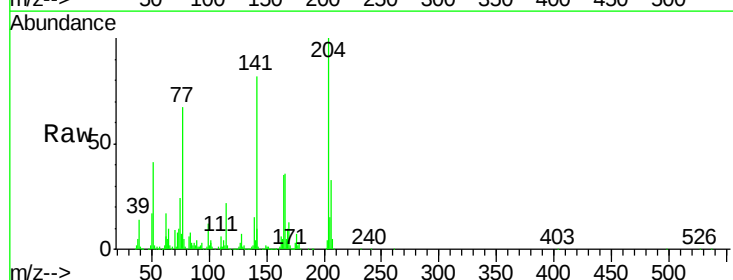
Manual Integrations
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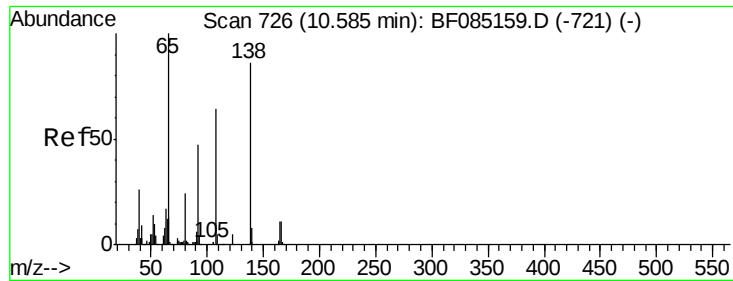
UMANGI
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#60
4-Chlorophenyl-phenylether
Concen: 39.77 ng
RT: 10.52 min Scan# 720
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	362648		
206	32.8	26.5	39.7	
141	82.0	55.4	83.2	





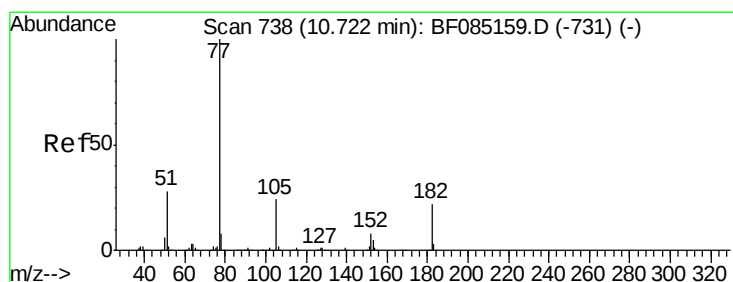
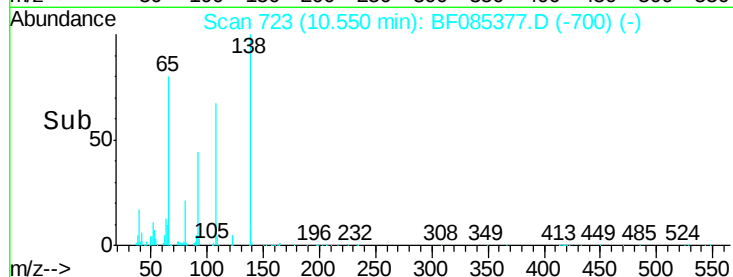
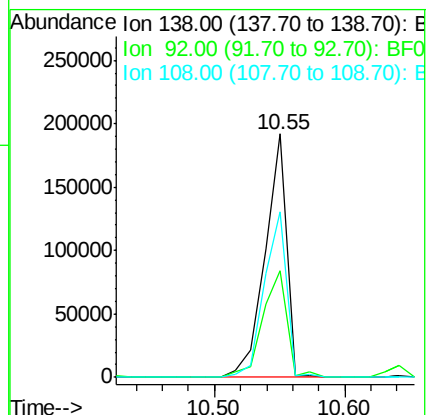
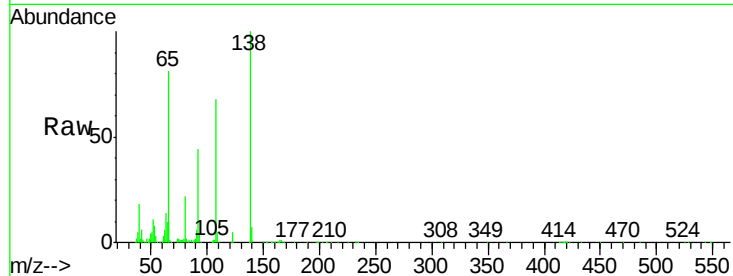
#61
4-Nitroaniline
Concen: 40.96 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampled :
PB88818BS

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.0	34.2	74.2
108	67.7	53.9	93.9

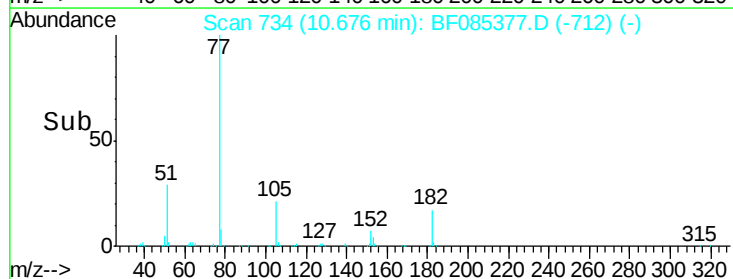
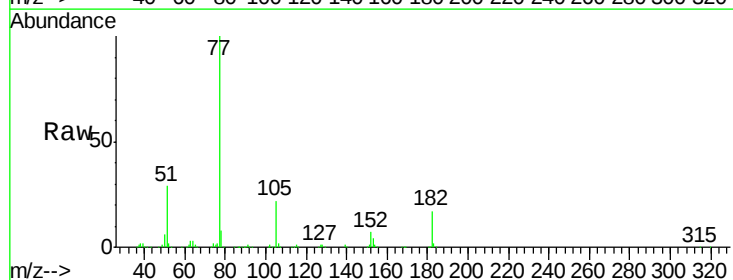
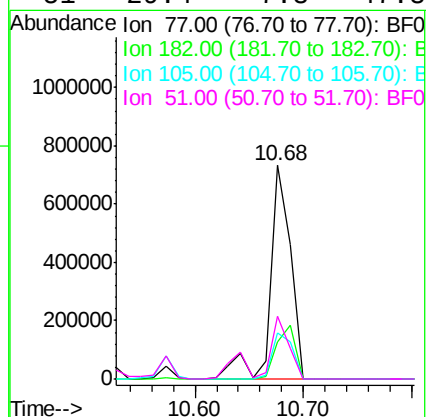
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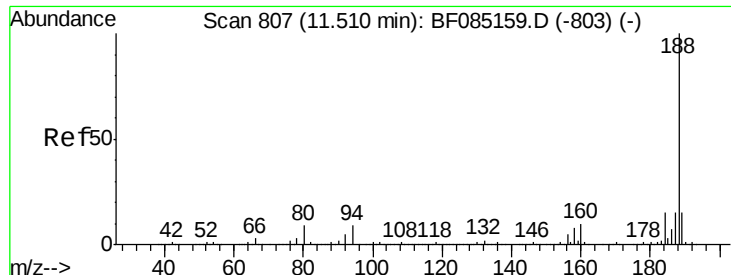
UMANGI
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#62
Azobenzene
Concen: 44.35 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.1	2.1	42.1
105	21.6	3.8	43.8
51	29.4	7.8	47.8





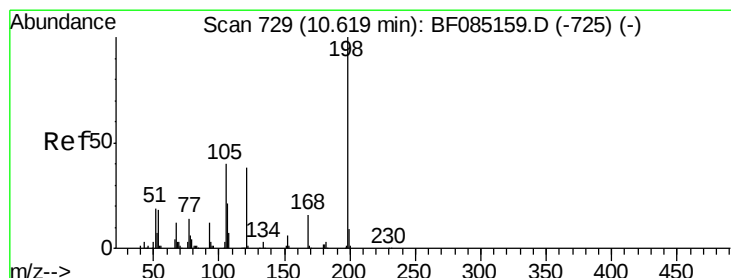
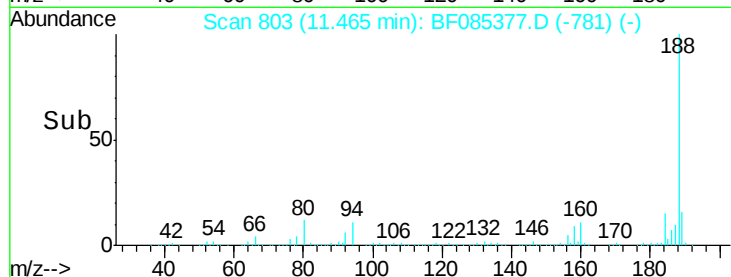
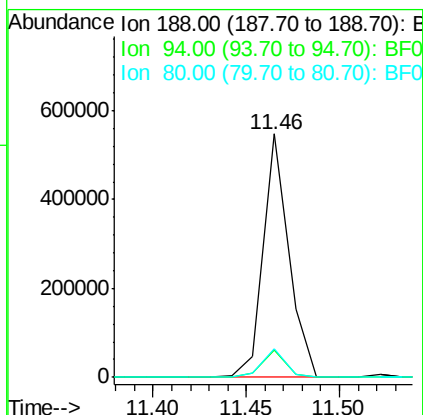
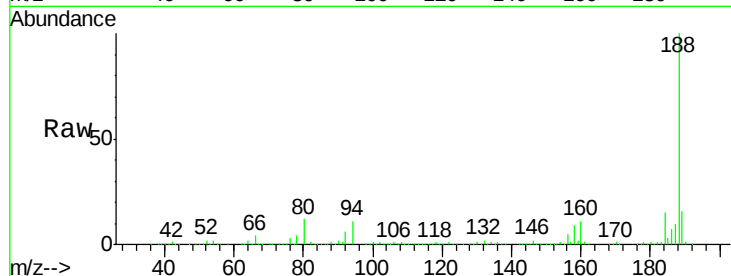
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.1	7.0	10.6#
80	11.8	7.4	11.0#

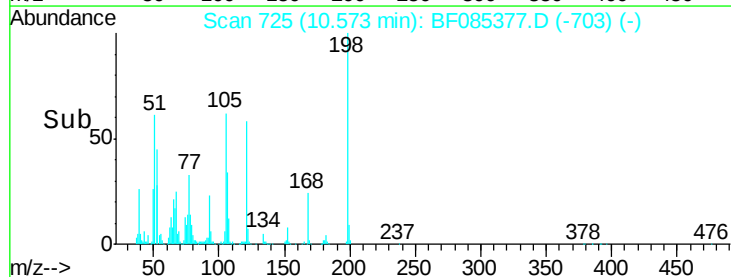
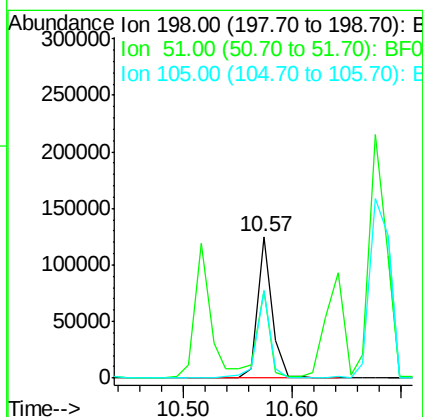
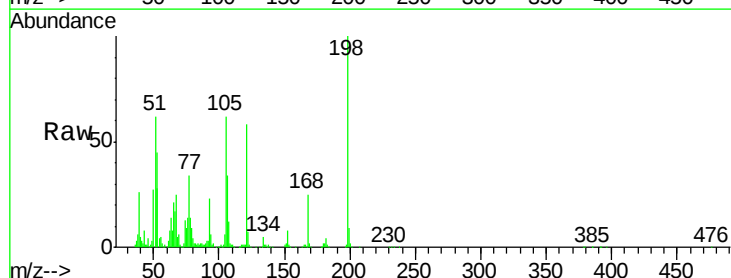
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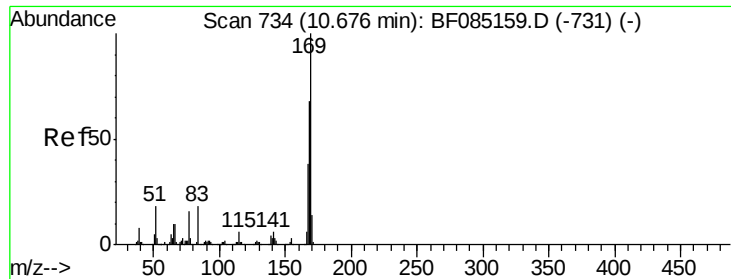
UMANGI
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.94 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	61.9	9.5	49.5#
105	61.6	20.5	60.5#





#65

n-Nitrosodiphenylamine

Concen: 46.97 ng

RT: 10.64 min Scan# 731

Delta R.T. -0.03 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

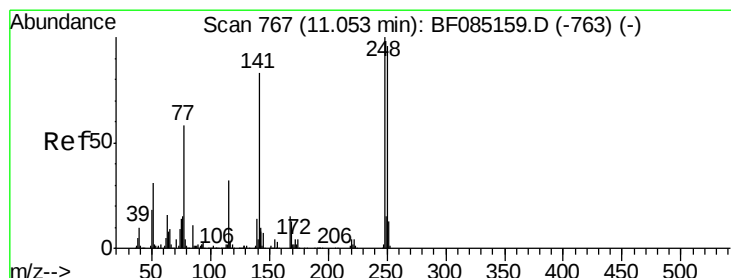
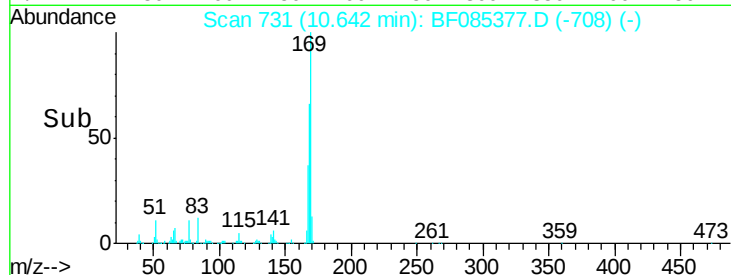
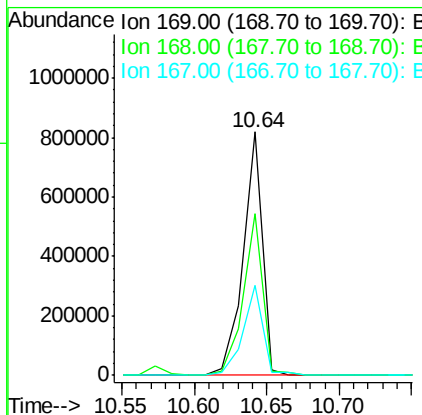
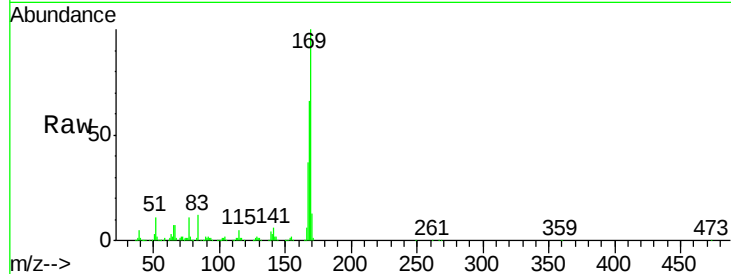
PB88818BS

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Tgt Ion:	169	Resp:	753013
Ion Ratio	Lower	Upper	
169	100		
168	66.4	54.8	82.2
167	37.1	30.3	45.5



#66

4-Bromophenyl-phenylether

Concen: 42.16 ng

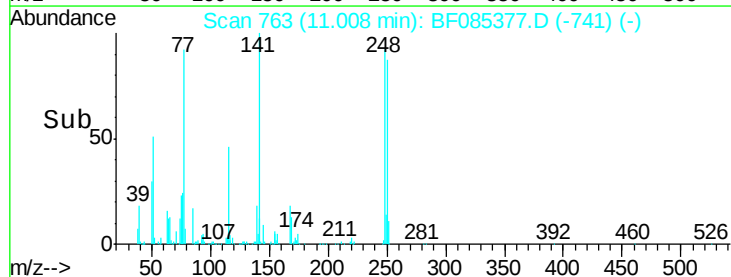
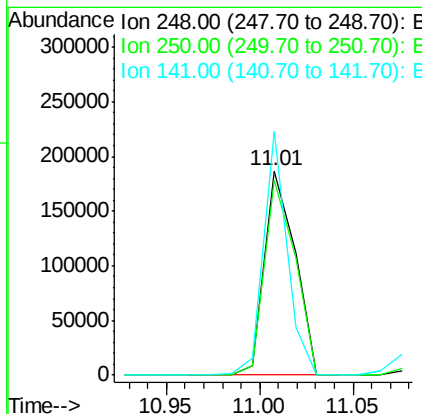
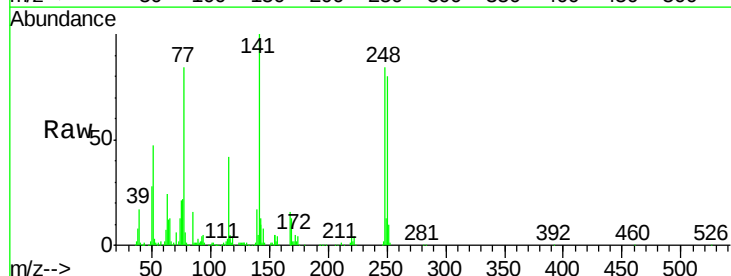
RT: 11.01 min Scan# 763

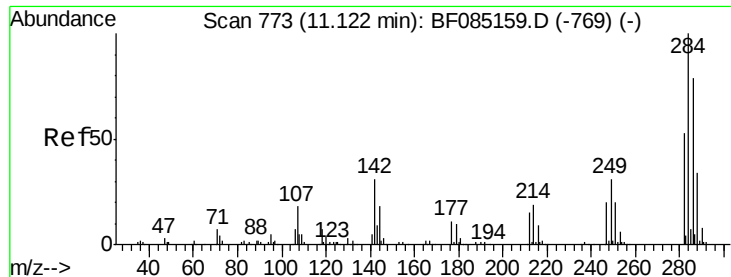
Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Tgt Ion:	248	Resp:	211005
Ion Ratio	Lower	Upper	
248	100		
250	95.4	77.1	115.7
141	119.2	66.2	99.2#





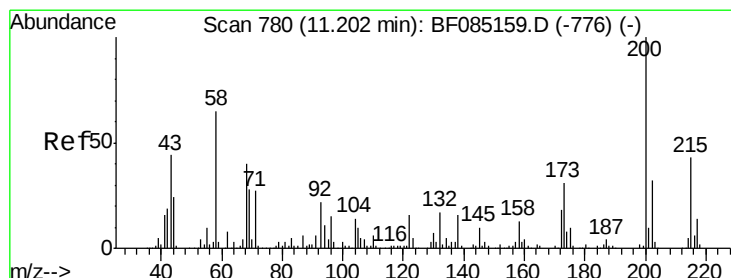
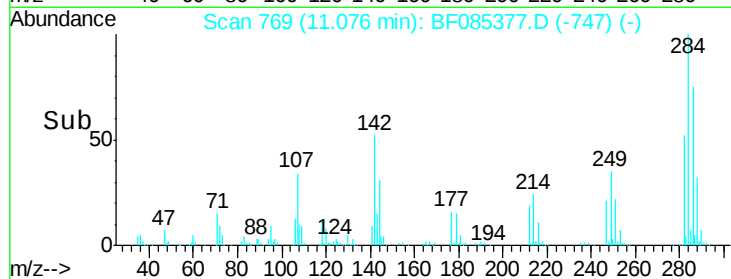
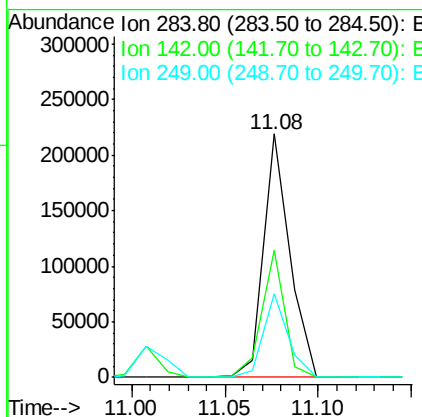
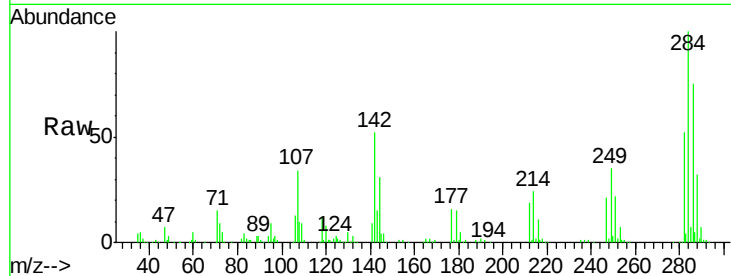
#67
Hexachlorobenzene
Concen: 40.47 ng
RT: 11.08 min Scan# 769
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	52.4	24.9	37.3#
249	34.6	25.0	37.4

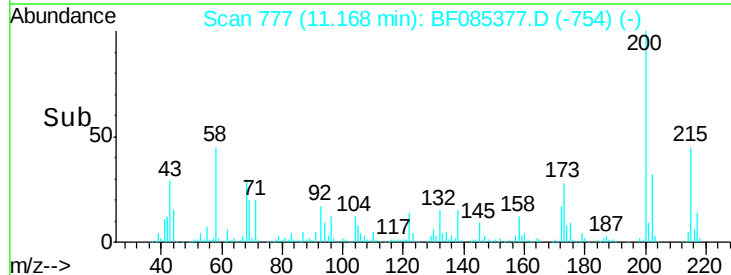
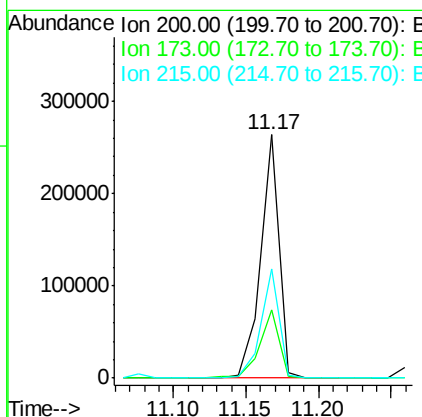
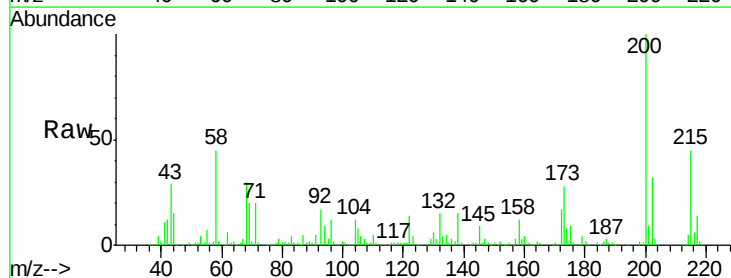
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#68
Atrazine
Concen: 52.14 ng
RT: 11.17 min Scan# 777
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.1	10.5	50.5
215	44.6	23.4	63.4





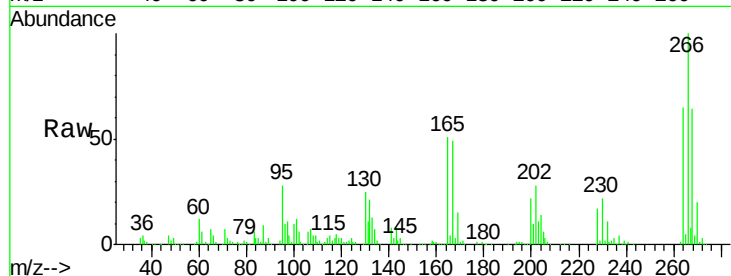
#69
 Pentachlorophenol
 Concen: 82.41 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

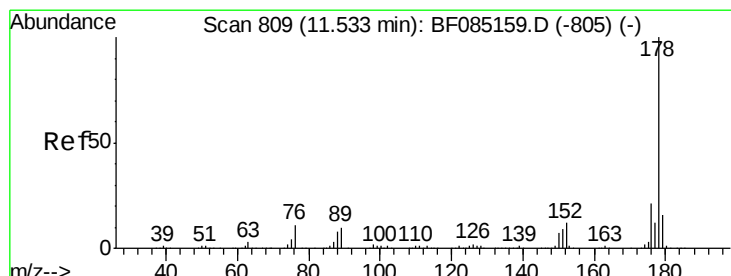
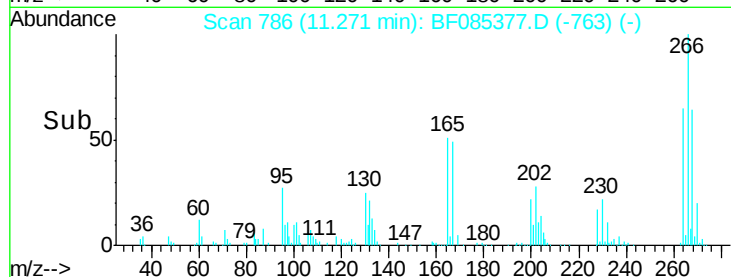
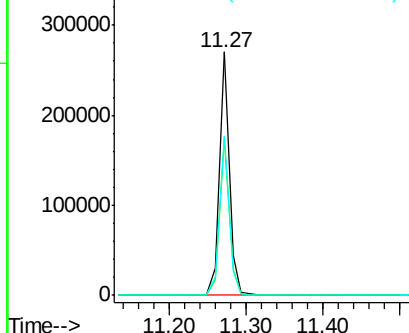
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	244218		
268	64.5	50.0	75.0	
264	65.1	51.4	77.2	

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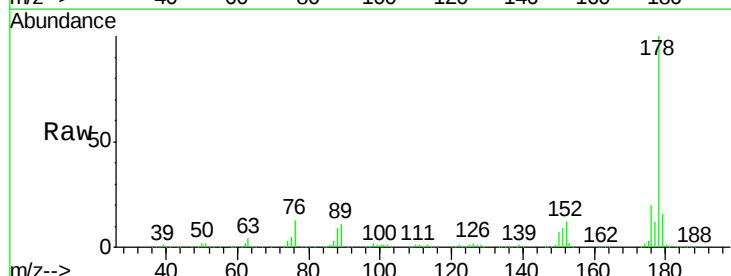


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

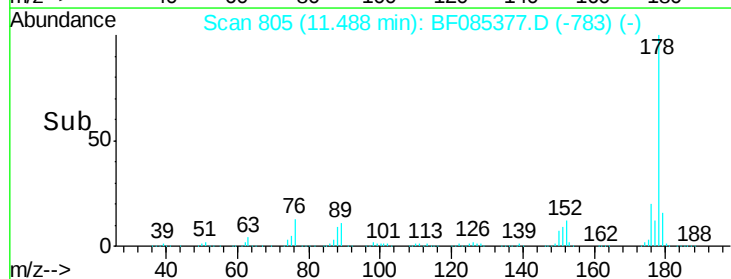
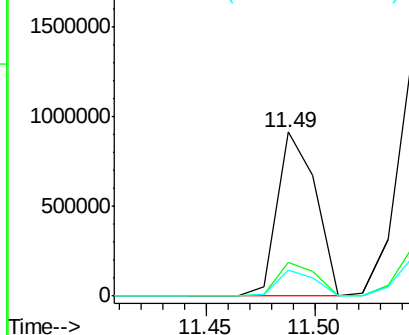


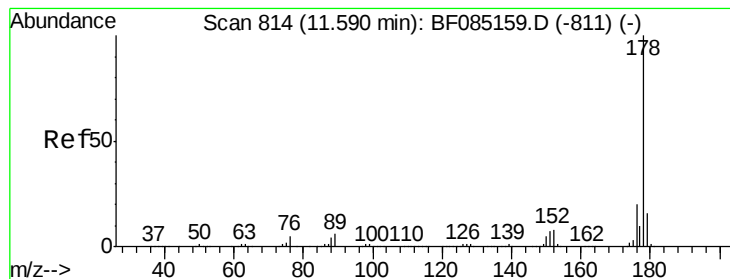
#70
 Phenanthrene
 Concen: 41.59 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1123289		
176	20.3	16.8	25.2	
179	16.1	13.1	19.7	



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





#71

Anthracene

Concen: 41.44 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS

Tgt Ion:178 Resp: 1188387

Ion Ratio Lower Upper

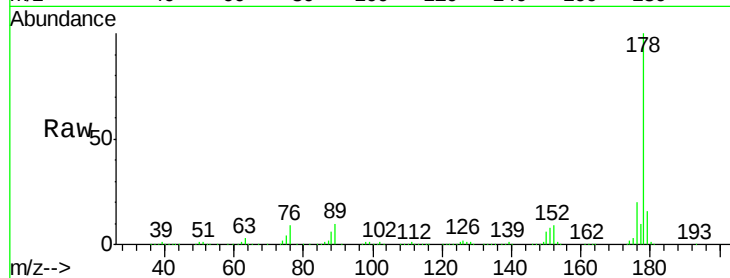
178 100

176 20.0 15.9 23.9

179 16.0 12.5 18.7

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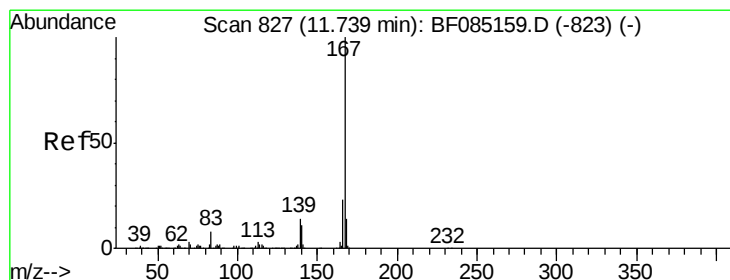
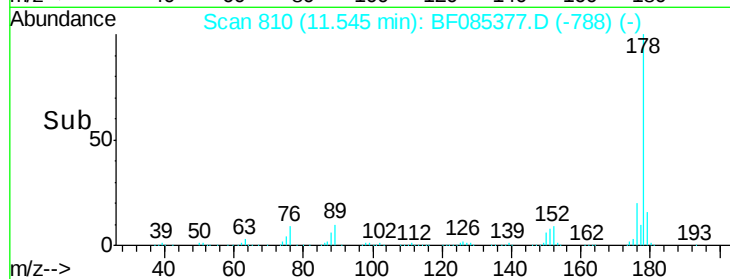
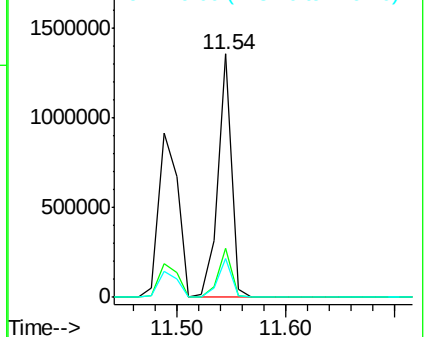
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.71 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

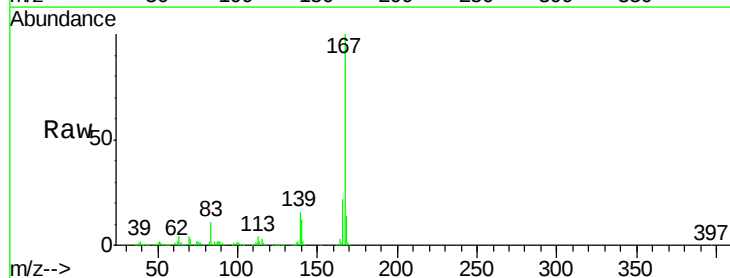
Tgt Ion:167 Resp: 923090

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

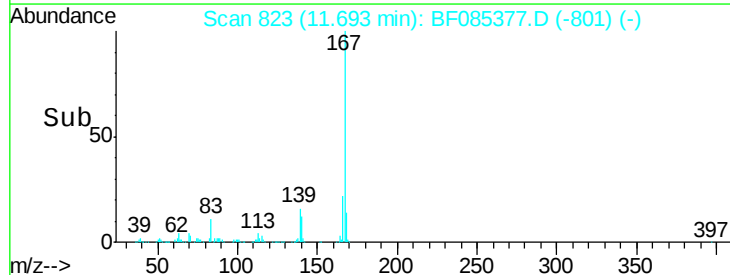
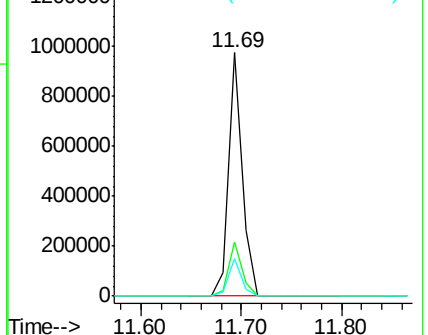
139 15.6 11.4 17.0

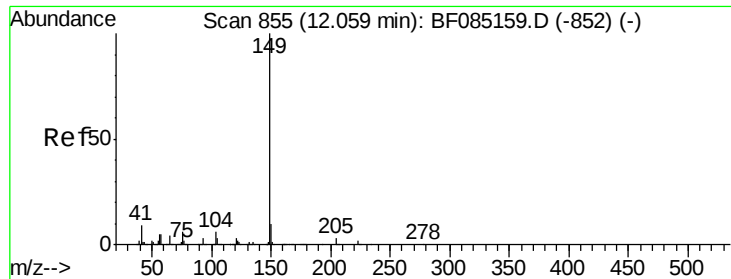


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 38.67 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085377.D

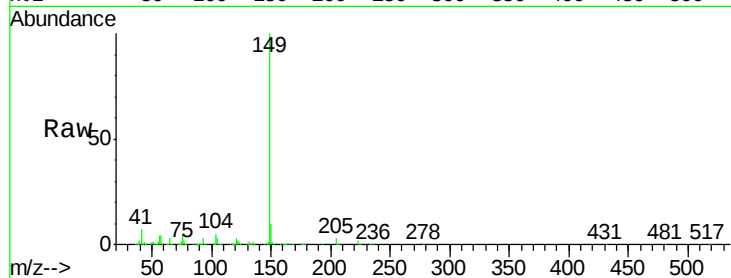
Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

ClientSampleId :

PB88818BS



Tgt Ion:149 Resp: 1228965

Ion Ratio Lower Upper

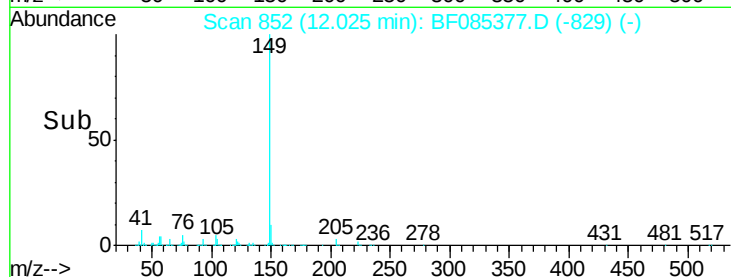
149 100

150 9.9 7.8 11.6

104 5.3 4.7 7.1

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Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

1500000

1000000

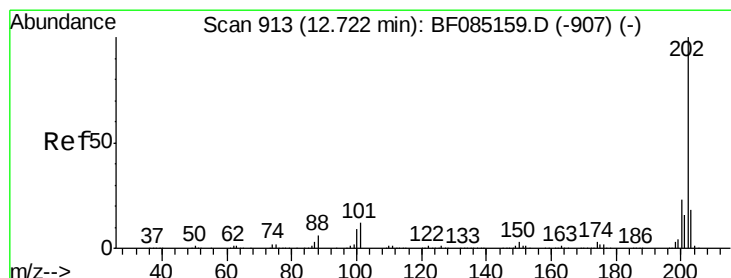
500000

0

Time-->

12.00

12.10



#74

Fluoranthene

Concen: 33.69 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

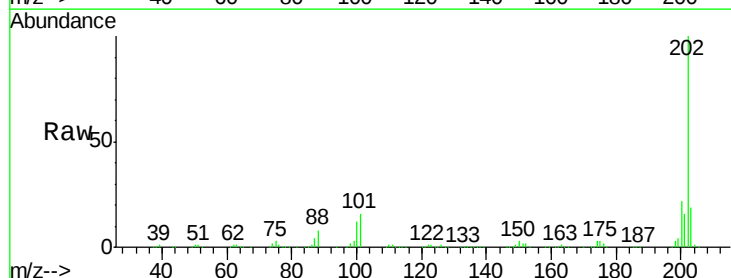
Tgt Ion:202 Resp: 913216

Ion Ratio Lower Upper

202 100

101 15.7 0.0 31.8

203 18.6 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E

1200000 Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

1000000

800000

600000

400000

200000

0

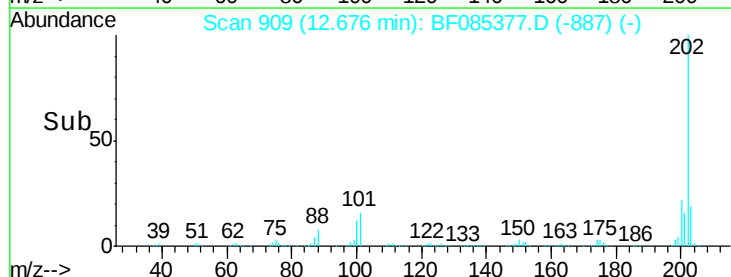
Time-->

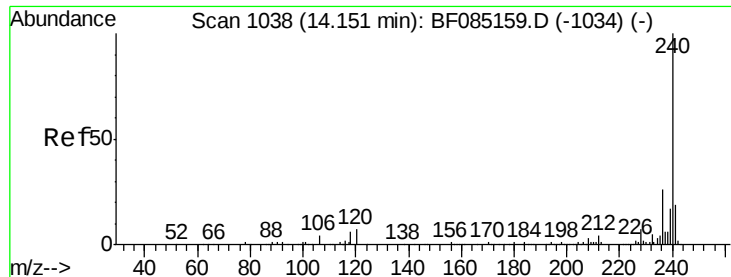
12.50

12.60

12.70

12.80





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085377.D

Acq: 11 Mar 2016 17:36

Instrument :

BNA_F

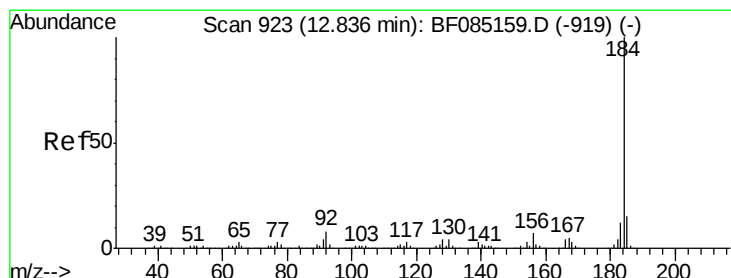
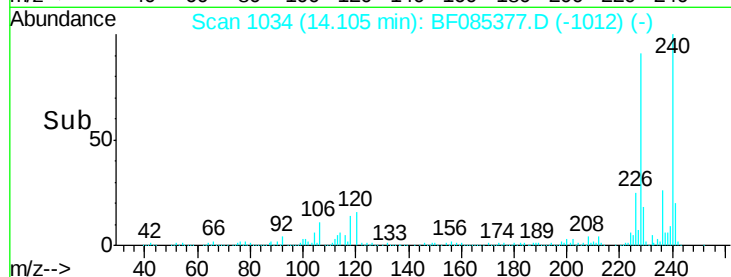
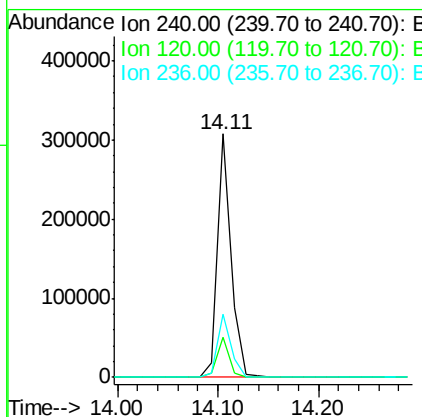
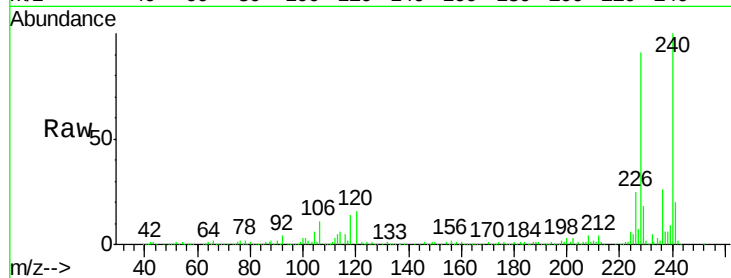
ClientSampleId :

PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	288112		
120	16.5	5.3	7.9#	
236	26.2	20.7	31.1	

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#76

Benzidine

Concen: 50.75 ng

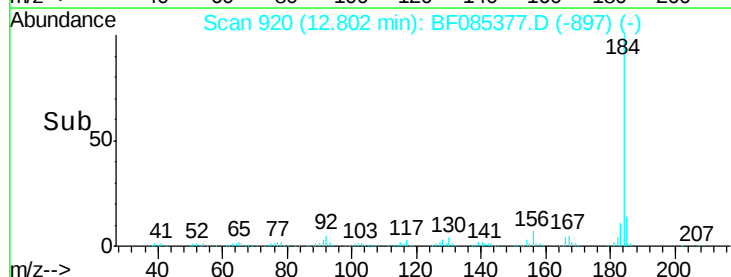
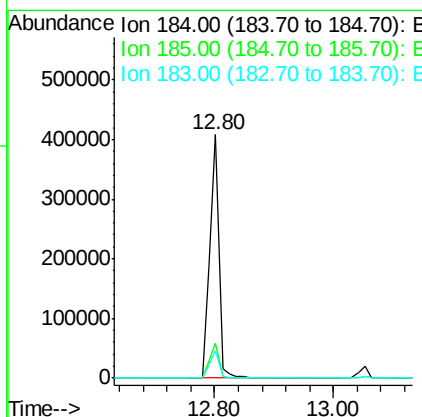
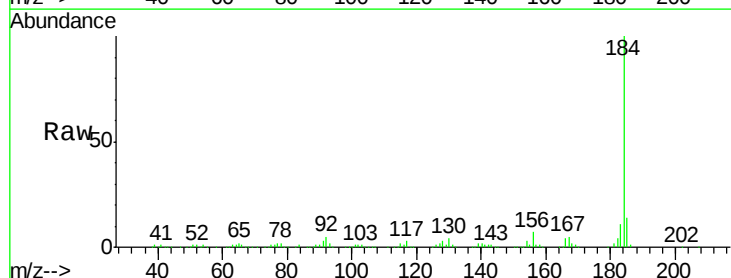
RT: 12.80 min Scan# 920

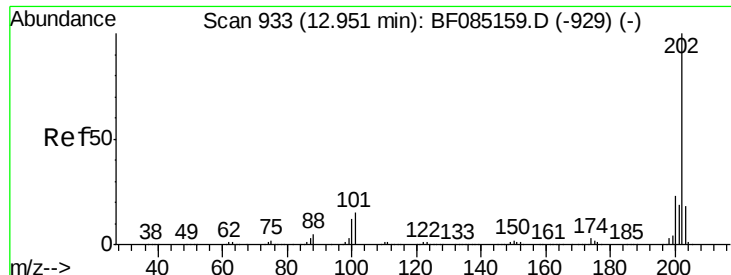
Delta R.T. -0.03 min

Lab File: BF085377.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	435137		
185	14.3	12.4	18.6	
183	11.2	9.4	14.2	





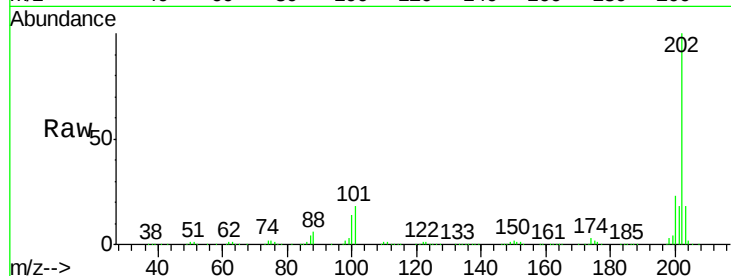
#77
Pyrene
Concen: 43.32 ng
RT: 12.90 min Scan# 929
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

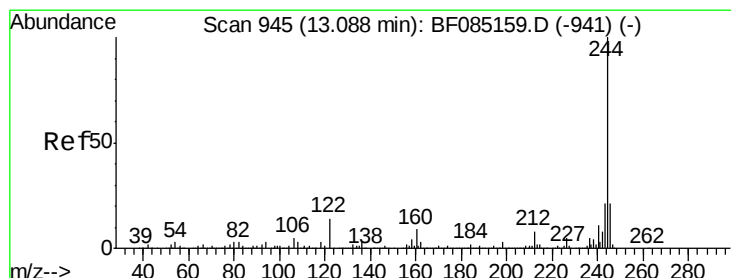
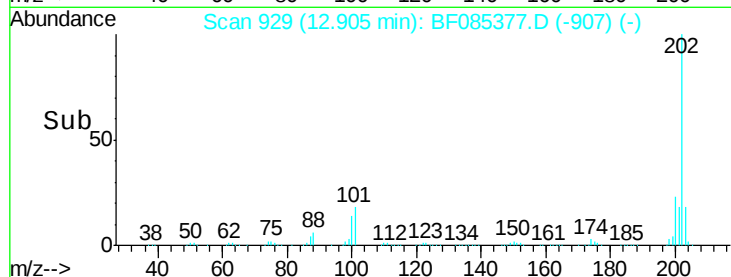
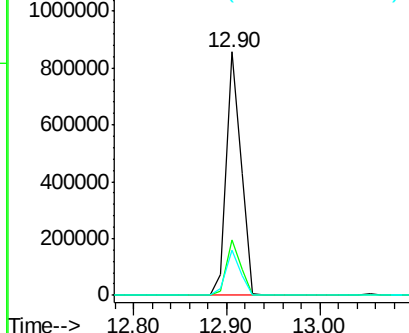
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	939336		
200	22.7	18.2	27.4	
203	18.5	14.7	22.1	

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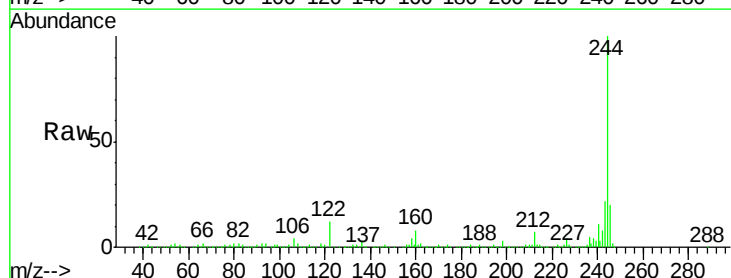


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

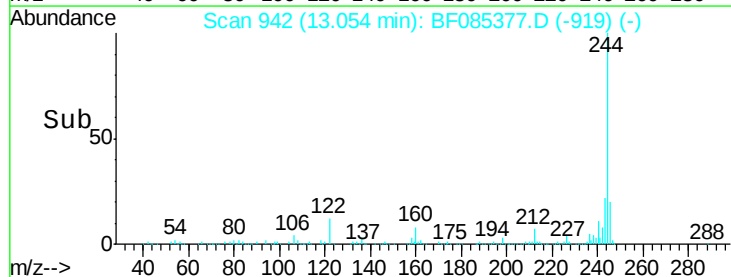
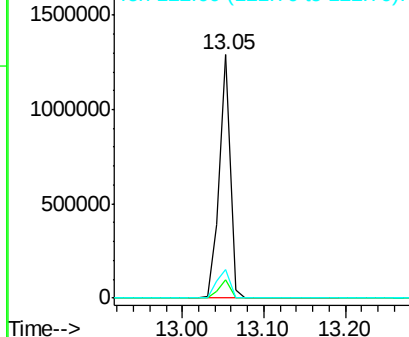


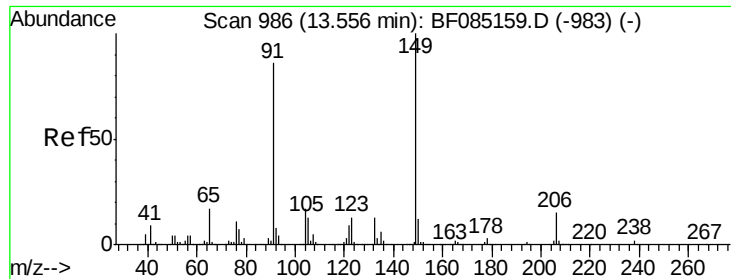
#78
Terphenyl-d14
Concen: 95.96 ng
RT: 13.05 min Scan# 942
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1190987		
212	7.5	6.4	9.6	
122	11.7	11.4	17.2	



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





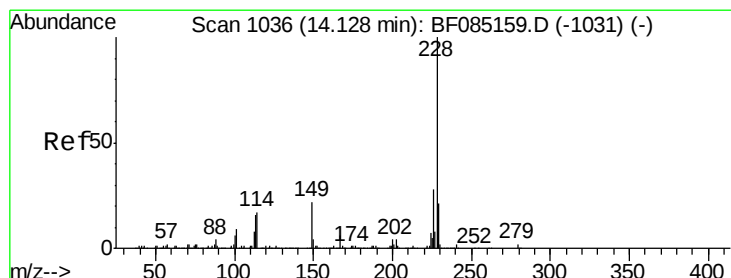
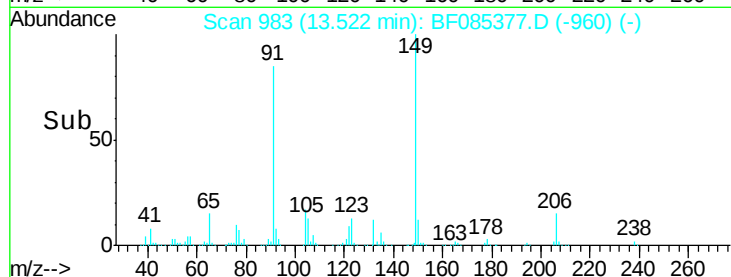
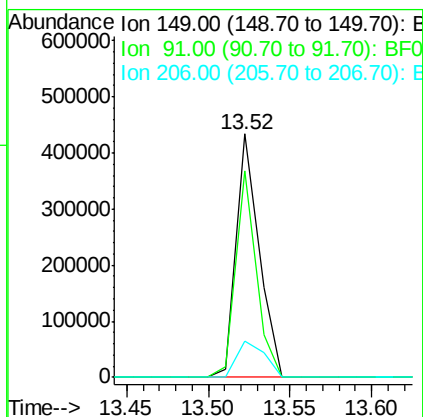
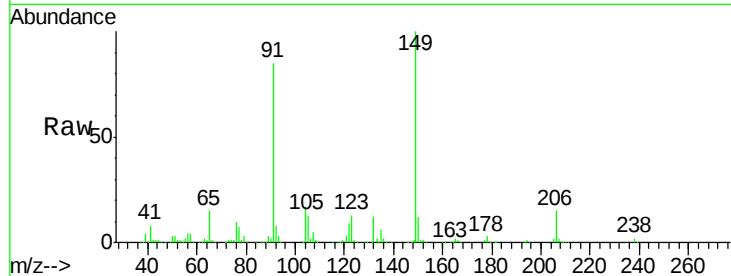
#79
Butylbenzylphthalate
Concen: 42.68 ng
RT: 13.52 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	419938		
91	84.6	69.0	103.4	
206	14.7	12.3	18.5	

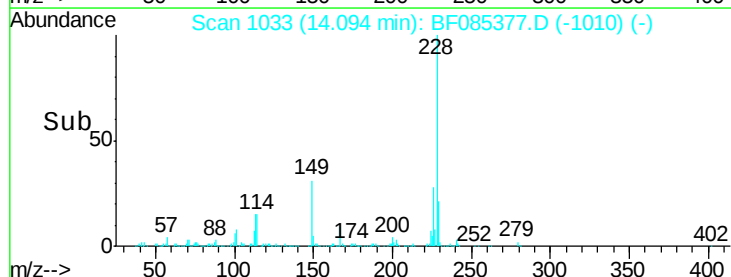
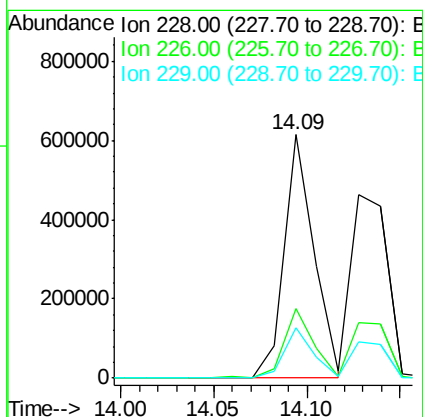
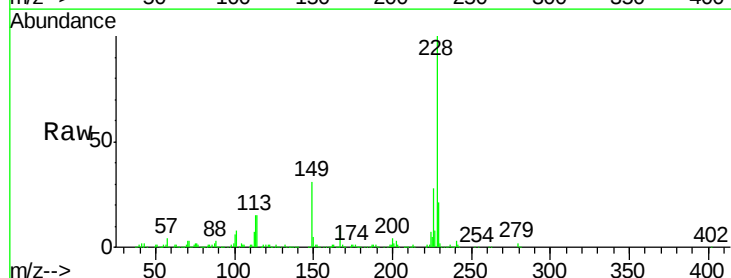
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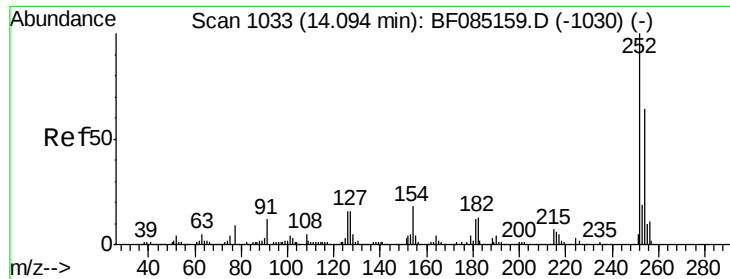
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#80
Benzo(a)anthracene
Concen: 39.56 ng
RT: 14.09 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	682282		
226	28.4	22.8	34.2	
229	20.6	16.6	24.8	





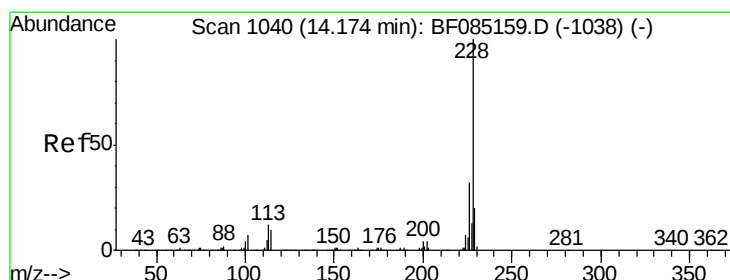
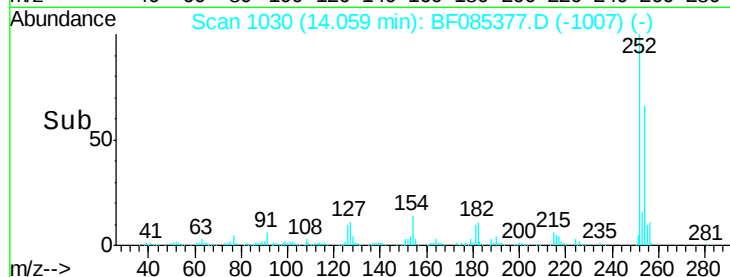
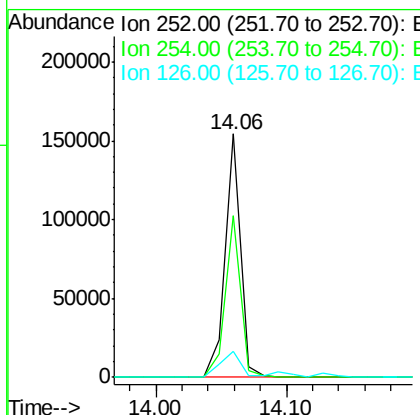
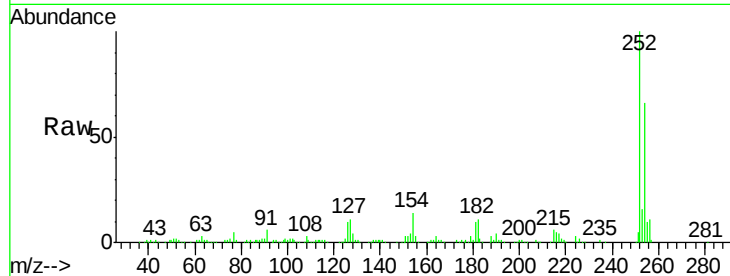
#81
 3,3'-Dichlorobenzidine
 Concen: 23.63 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	66.3	51.4	77.0
126	10.5	12.9	19.3

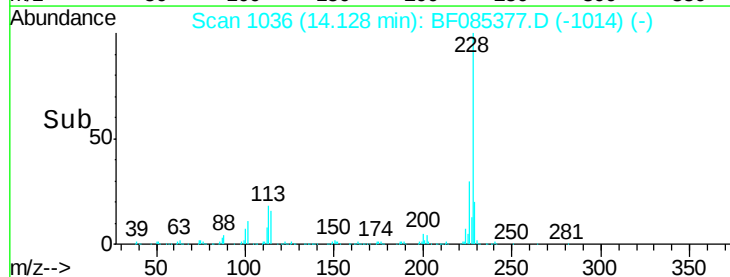
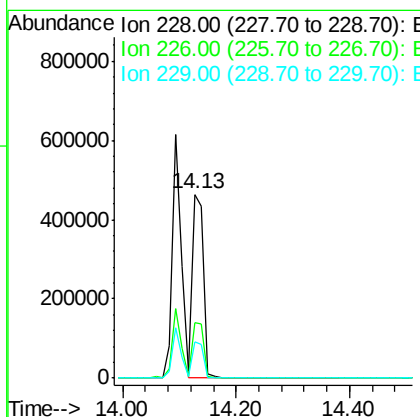
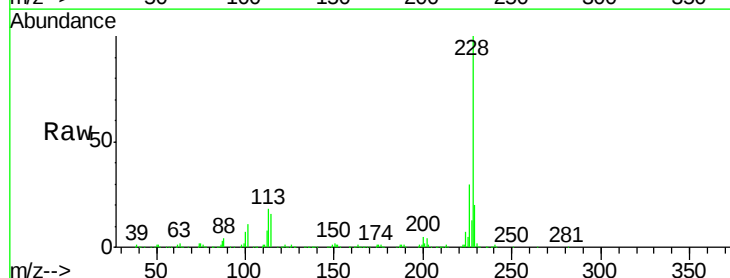
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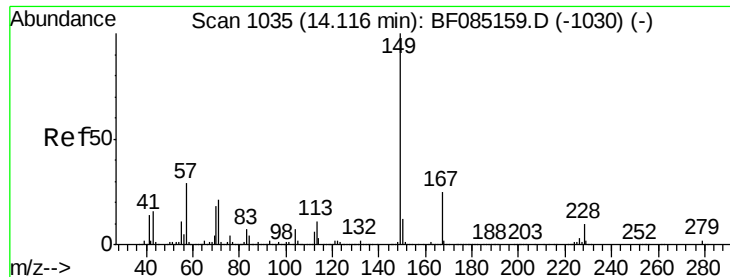
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#82
 Chrysene
 Concen: 39.92 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	25.2	37.8
229	20.0	16.0	24.0





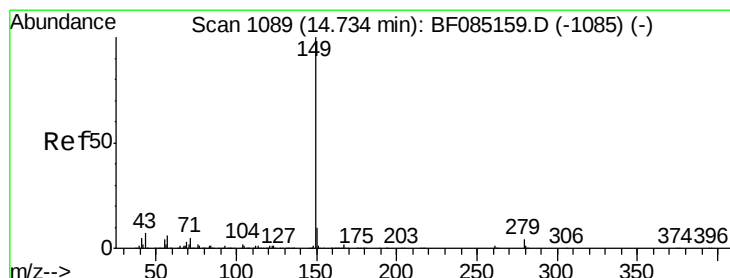
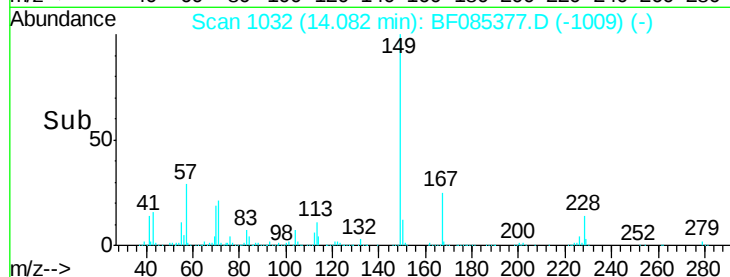
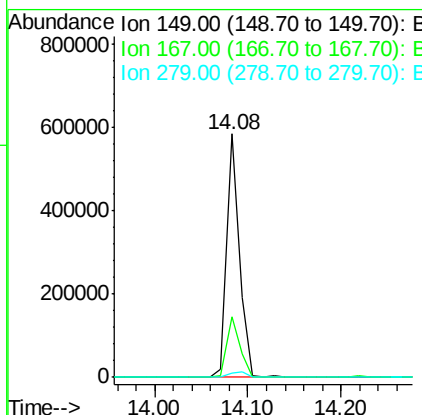
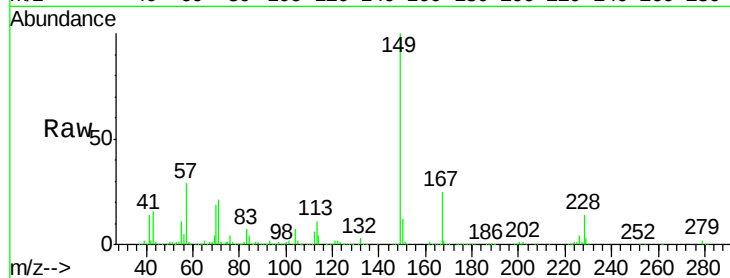
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.68 ng
 RT: 14.08 min Scan# 1032
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.9	20.3	30.5
279	1.9	1.9	2.9

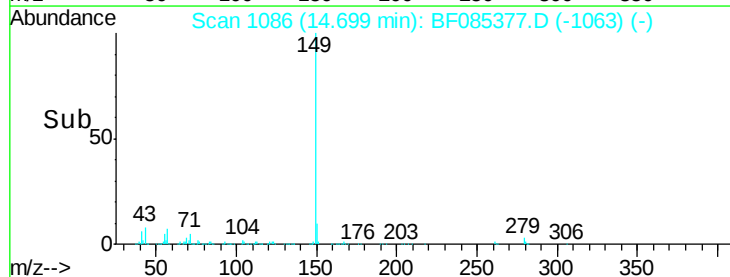
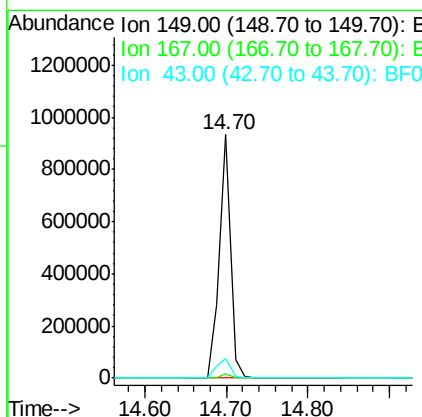
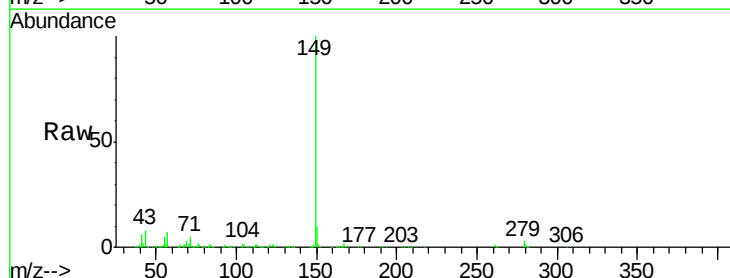
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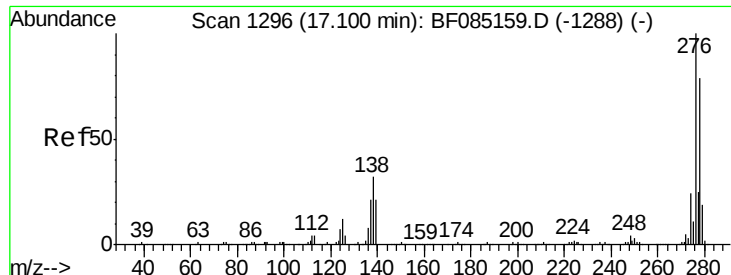
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#84
 Di-n-octyl phthalate
 Concen: 45.18 ng
 RT: 14.70 min Scan# 1086
 Delta R.T. -0.03 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.1	1.7
43	9.3	7.8	11.8





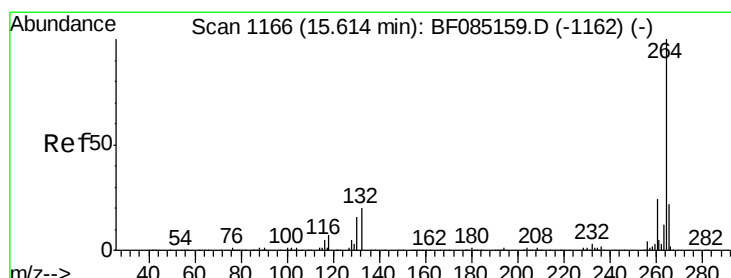
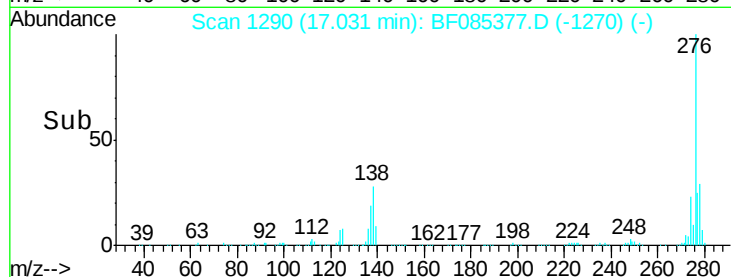
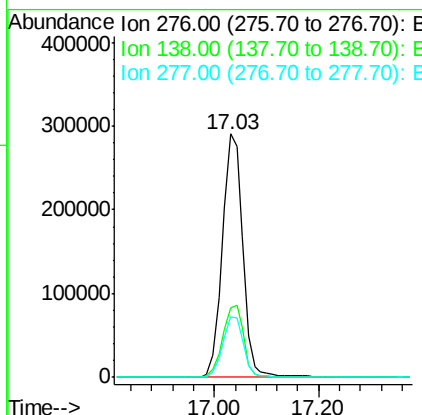
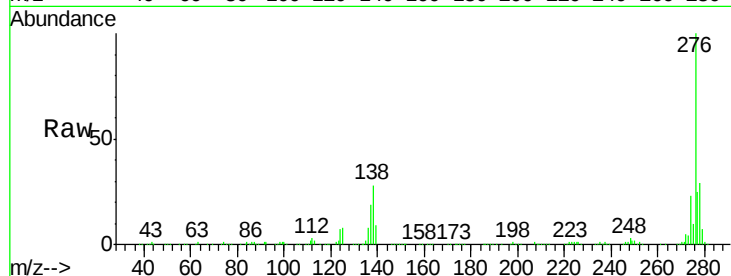
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.75 ng
 RT: 17.03 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt Ion:	276	Resp:	792740
Ion Ratio	Lower	Upper	
276	100		
138	30.5	26.4	39.6
277	25.2	20.2	30.2

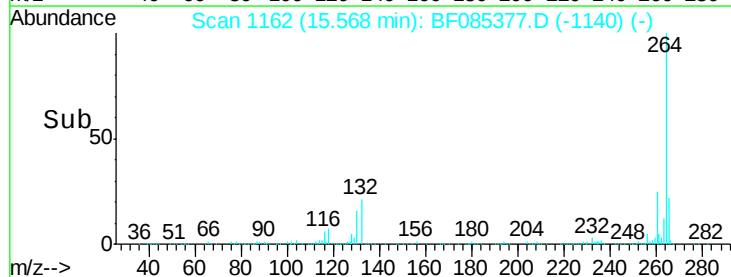
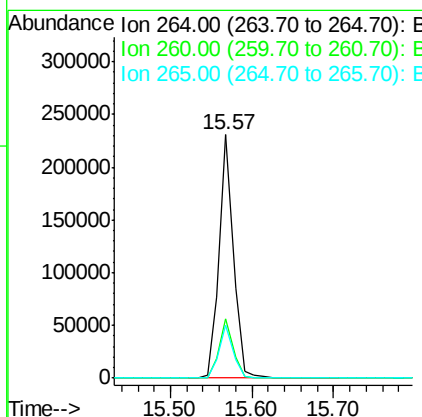
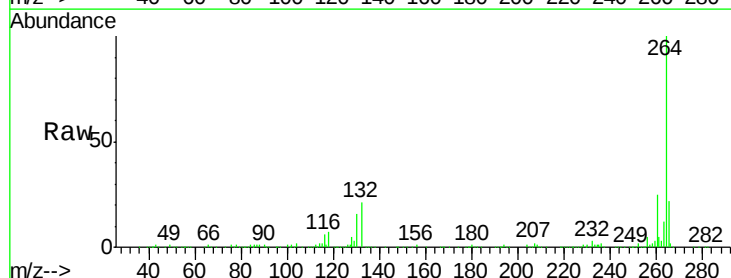
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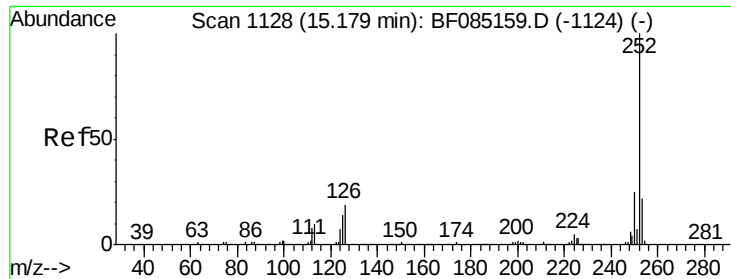
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Tgt Ion:	264	Resp:	281304
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.2	28.8
265	21.7	17.3	25.9





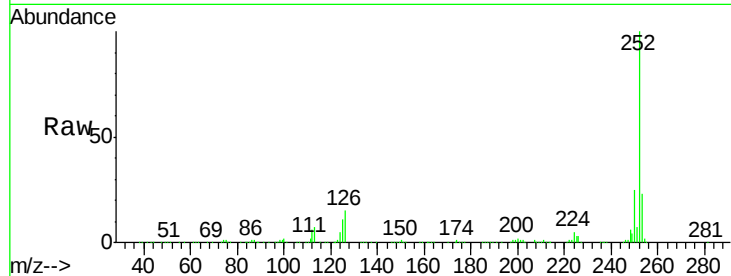
#87
Benzo(b)fluoranthene
Concen: 35.33 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

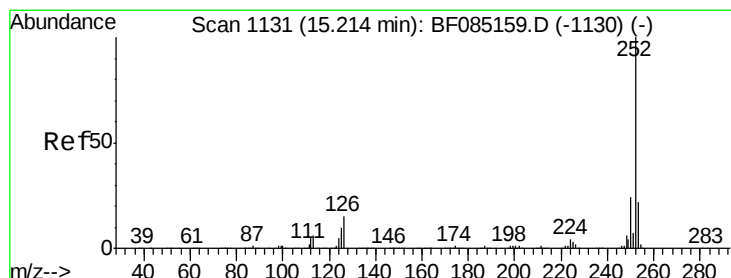
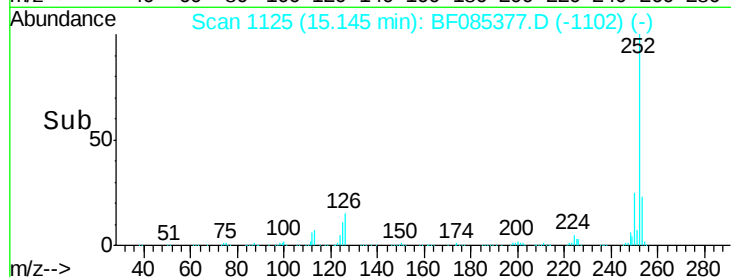
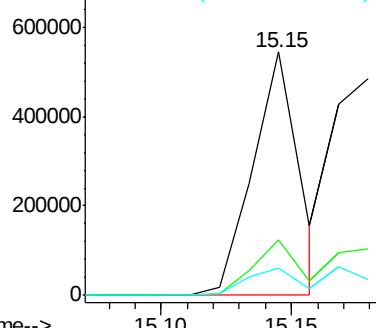
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	662494		
253	22.9	17.8	26.6	
125	11.1	11.3	16.9	

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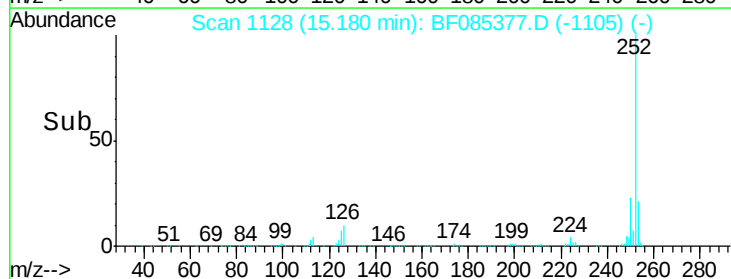
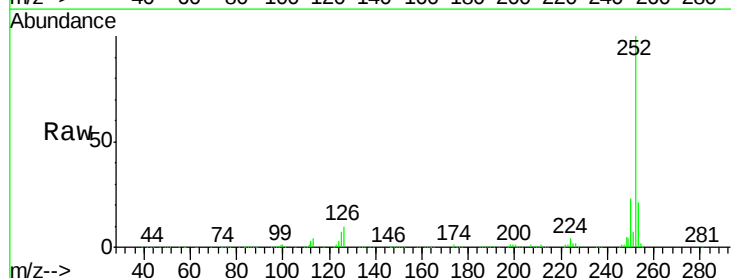
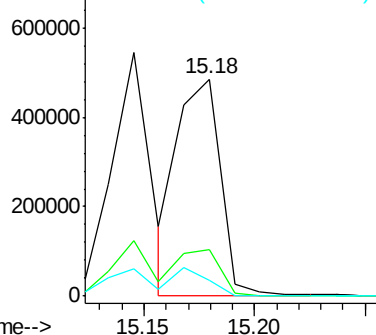
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

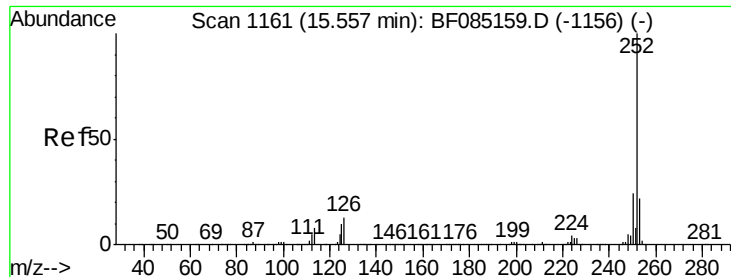


#88
Benzo(k)fluoranthene
Concen: 43.29 ng m
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	654712		
253	21.3	17.8	26.6	
125	7.1	10.4	15.6	

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





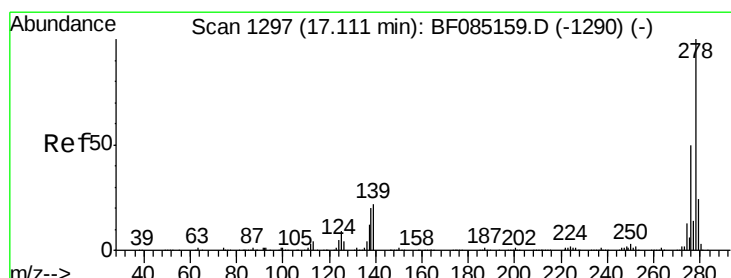
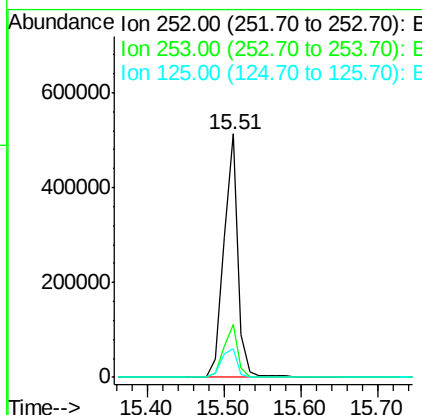
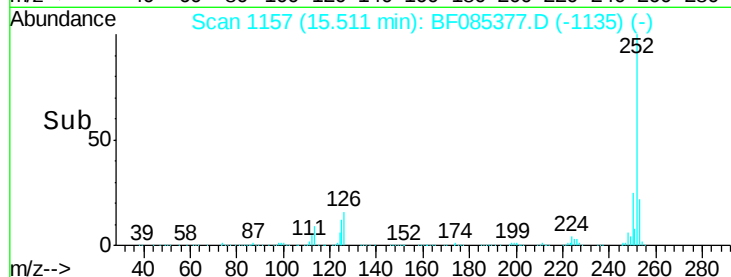
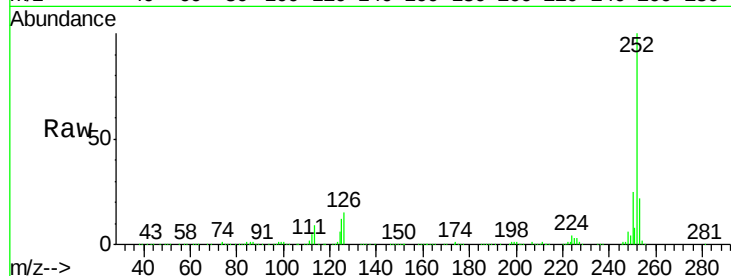
#89
Benzo(a)pyrene
Concen: 42.58 ng
RT: 15.51 min Scan# 1157
Delta R.T. -0.05 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Instrument :
BNA_F
ClientSampleId :
PB88818BS

Tgt	Ion	252	Resp:	661640
Ion	Ratio	Lower	Upper	
252	100			
253	21.8	17.4	26.0	
125	11.6	8.2	12.4	

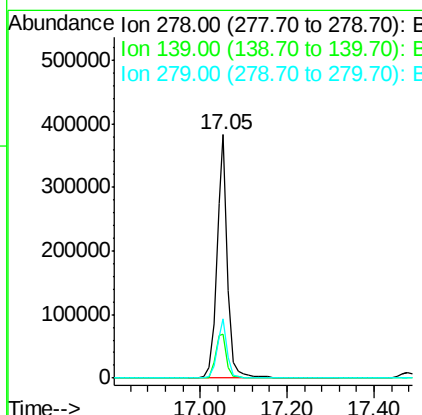
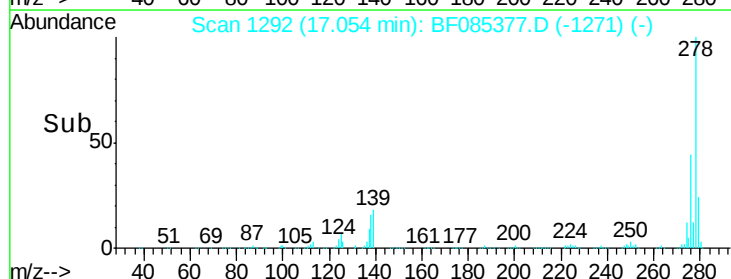
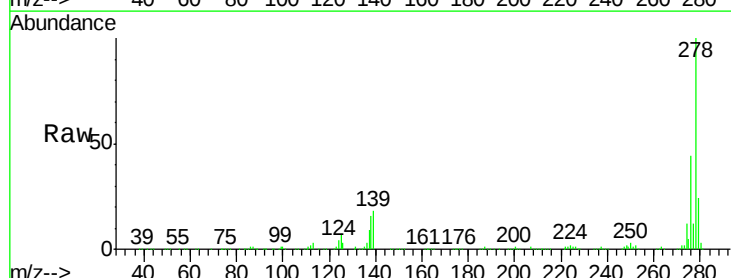
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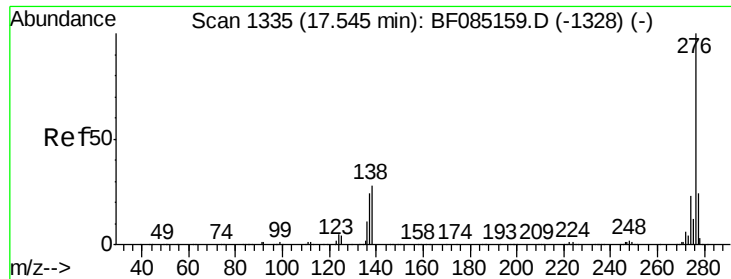
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#90
Dibenzo(a,h)anthracene
Concen: 50.16 ng
RT: 17.05 min Scan# 1292
Delta R.T. -0.06 min
Lab File: BF085377.D
Acq: 11 Mar 2016 17:36

Tgt	Ion	278	Resp:	665281
Ion	Ratio	Lower	Upper	
278	100			
139	18.2	17.3	25.9	
279	24.2	19.2	28.8	





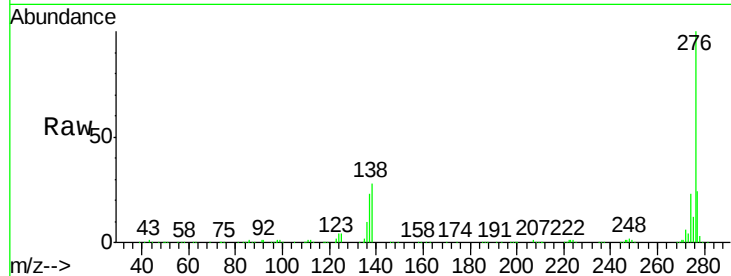
#91
 Benzo(g,h,i)perylene
 Concen: 50.08 ng
 RT: 17.48 min Scan# 1329
 Delta R.T. -0.07 min
 Lab File: BF085377.D
 Acq: 11 Mar 2016 17:36

Instrument :
 BNA_F
 ClientSampleId :
 PB88818BS

Tgt	Ion	276	Resp:	667929
Ion	Ratio	Lower	Upper	
276	100			
277	23.6	19.0	28.4	
138	28.4	22.5	33.7	

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Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

