

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031116\
 Data File : BF085375.D
 Acq On : 11 Mar 2016 16:39
 Operator : UM/SJ
 Sample : PB88797BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Manual Integrations
 APPROVED

UMANGI
 3/14/2016 10:45:00 AM

Quant Time: Mar 14 01:57:20 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	181827	20.00	ng	-0.05
21) Naphthalene-d8	8.22	136	709979	20.00	ng	-0.05
38) Acenaphthene-d10	9.98	164	314444	20.00	ng	-0.05
63) Phenanthrene-d10	11.46	188	539622	20.00	ng	-0.05
75) Chrysene-d12	14.11	240	307617	20.00	ng	-0.05
86) Perylene-d12	15.57	264	297307	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1269079	117.08	ng	-0.02
7) Phenol-d6	6.57	99	1696707	119.47	ng	-0.03
23) Nitrobenzene-d5	7.50	82	1059898	79.89	ng	-0.05
41) 2,4,6-Tribromophenol	10.78	330	374522	139.20	ng	-0.03
44) 2-Fluorobiphenyl	9.30	172	1746616	84.48	ng	-0.05
78) Terphenyl-d14	13.05	244	1204960	90.93	ng	-0.03

Target Compounds					Qvalue
2) 1,4-Dioxane	2.73	88	177531	32.03 ng	97
3) Pyridine	3.49	79	432942	31.21 ng	98
4) n-Nitrosodimethylamine	3.43	42	230042	38.74 ng	95
6) Aniline	6.60	93	388851	19.54 ng	97
8) 2-Chlorophenol	6.72	128	504994	38.70 ng	99
9) Benzaldehyde	6.48	77	130418	16.13 ng	94
10) Phenol	6.58	94	683651m	44.95 ng	
11) bis(2-Chloroethyl)ether	6.68	93	512214m	40.54 ng	
12) 1,3-Dichlorobenzene	6.88	146	524057	37.40 ng	97
13) 1,4-Dichlorobenzene	6.95	146	511523	36.43 ng	99
14) 1,2-Dichlorobenzene	7.11	146	523222	41.07 ng	97
15) Benzyl Alcohol	7.08	79	405597	38.91 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	599337	32.91 ng	98
17) 2-Methylphenol	7.19	107	421663	39.60 ng	97
18) Hexachloroethane	7.45	117	206003	39.77 ng	96
19) n-Nitroso-di-n-propylamine	7.35	70	322133	34.80 ng	# 90
20) 3+4-Methylphenols	7.34	107	496639	39.37 ng	# 85
22) Acetophenone	7.35	105	649677	37.49 ng	# 99
24) Nitrobenzene	7.52	77	570134	42.30 ng	96
25) Isophorone	7.76	82	969637	39.44 ng	97
26) 2-Nitrophenol	7.84	139	280412	42.75 ng	92
27) 2,4-Dimethylphenol	7.88	122	503624	42.01 ng	96
28) bis(2-Chloroethoxy)methane	7.97	93	563118	41.12 ng	99
29) 2,4-Dichlorophenol	8.08	162	419320	43.38 ng	96
30) 1,2,4-Trichlorobenzene	8.16	180	406928	38.93 ng	98
31) Naphthalene	8.24	128	1359817	38.95 ng	99
32) Benzoic acid	8.00	122	335040	42.08 ng	98
33) 4-Chloroaniline	8.29	127	129232	9.15 ng	97
34) Hexachlorobutadiene	8.37	225	227759	41.88 ng	99
35) Caprolactam	8.66	113	126644m	40.11 ng	
36) 4-Chloro-3-methylphenol	8.78	107	467027	42.58 ng	92
37) 2-Methylnaphthalene	8.94	142	954586	42.61 ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	378854	42.13 ng	98
40) Hexachlorocyclopentadiene	9.10	237	398150	82.09 ng	96

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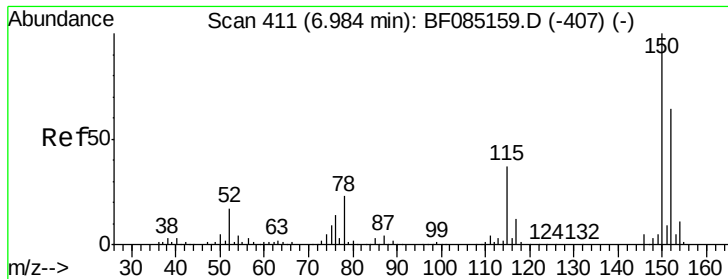
Manual Integrations
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UMANGI
 3/14/2016 10:45:00 AM

Quant Time: Mar 14 01:57:20 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	272565	40.72	ng	96
43) 2,4,5-Trichlorophenol	9.26	196	283752	44.71	ng	95
45) 1,1'-Biphenyl	9.41	154	1101924	41.02	ng	93
46) 2-Chloronaphthalene	9.43	162	851128	41.56	ng	97
47) 2-Nitroaniline	9.52	65	269211	42.43	ng	87
48) Acenaphthylene	9.84	152	1226808	38.49	ng	99
49) Dimethylphthalate	9.70	163	933666	38.68	ng	99
50) 2,6-Dinitrotoluene	9.76	165	191835	37.15	ng #	84
51) Acenaphthene	10.01	154	829837	42.88	ng	100
52) 3-Nitroaniline	9.93	138	107458	17.40	ng	93
53) 2,4-Dinitrophenol	10.04	184	193227	74.37	ng #	62
54) Dibenzofuran	10.18	168	1058369	41.75	ng	97
55) 4-Nitrophenol	10.09	139	327014	67.36	ng #	77
56) 2,4-Dinitrotoluene	10.17	165	302683	45.81	ng #	79
57) Fluorene	10.53	166	772465	38.79	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.31	232	200607	44.99	ng	98
59) Diethylphthalate	10.40	149	900205	38.44	ng	96
60) 4-Chlorophenyl-phenylether	10.53	204	385125	39.75	ng #	78
61) 4-Nitroaniline	10.55	138	220005	38.08	ng	93
62) Azobenzene	10.68	77	982197	42.57	ng	94
64) 4,6-Dinitro-2-methylphenol	10.57	198	120776	37.38	ng #	46
65) n-Nitrosodiphenylamine	10.64	169	754511	44.95	ng	99
66) 4-Bromophenyl-phenylether	11.01	248	221574	42.29	ng #	81
67) Hexachlorobenzene	11.08	284	219833	39.33	ng #	73
68) Atrazine	11.17	200	236268	50.62	ng	97
69) Pentachlorophenol	11.27	266	254427	82.00	ng	99
70) Phenanthrene	11.49	178	1171178	41.41	ng	99
71) Anthracene	11.54	178	1209874	40.30	ng	100
72) Carbazole	11.69	167	952392	36.18	ng	98
73) Di-n-butylphthalate	12.02	149	1229360	36.94	ng	100
74) Fluoranthene	12.68	202	967434	34.09	ng	96
76) Benzidine	12.80	184	377876	41.27	ng	98
77) Pyrene	12.90	202	948037	40.95	ng	99
79) Butylbenzylphthalate	13.52	149	425607	40.51	ng	98
80) Benzo(a)anthracene	14.09	228	712173	38.67	ng	99
81) 3,3'-Dichlorobenzidine	14.06	252	142681	24.56	ng #	95
82) Chrysene	14.13	228	647672	38.07	ng	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	574144	41.53	ng	100
84) Di-n-octyl phthalate	14.70	149	951534	45.19	ng	98
85) Indeno(1,2,3-cd)pyrene	17.03	276	840722	63.32	ng	98
87) Benzo(b)fluoranthene	15.15	252	715706	36.12	ng #	97
88) Benzo(k)fluoranthene	15.18	252	678607m	42.46	ng	
89) Benzo(a)pyrene	15.51	252	696176	42.39	ng #	98
90) Dibenzo(a,h)anthracene	17.05	278	705341	50.32	ng	97
91) Benzo(g,h,i)perylene	17.48	276	716607	50.84	ng	99

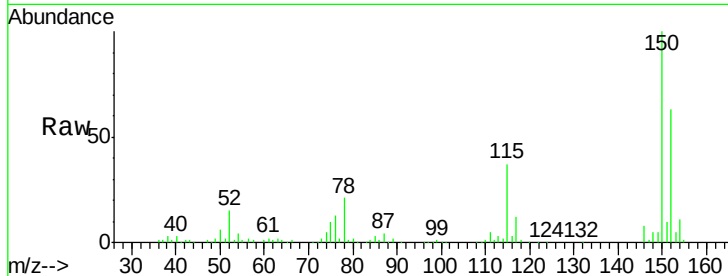
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 407
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

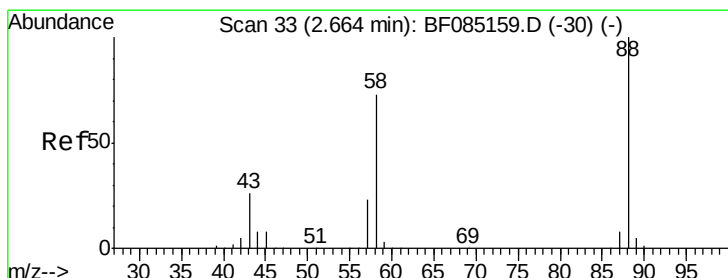
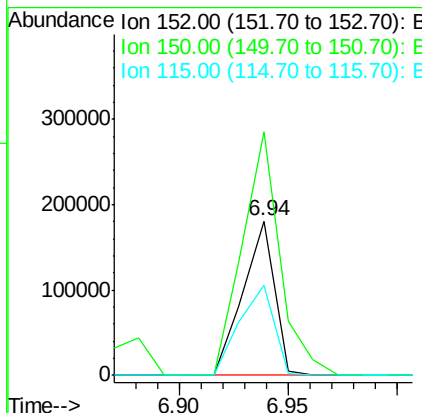
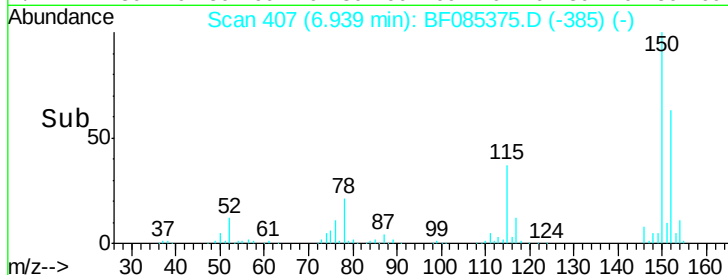
Instrument :
BNA_F
ClientSampleId :
PB88797BS



Tgt Ion	Ratio	Resp	Lower	Upper
152	100	181827		
150	158.1	124.6	186.8	
115	58.2	46.6	70.0	

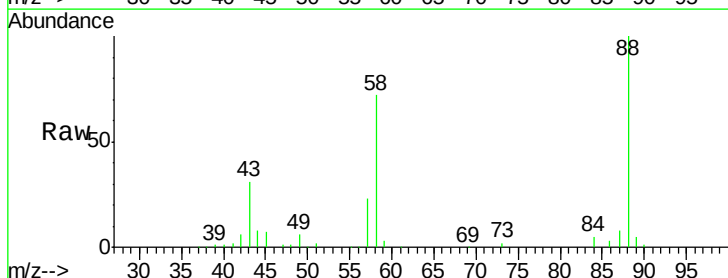
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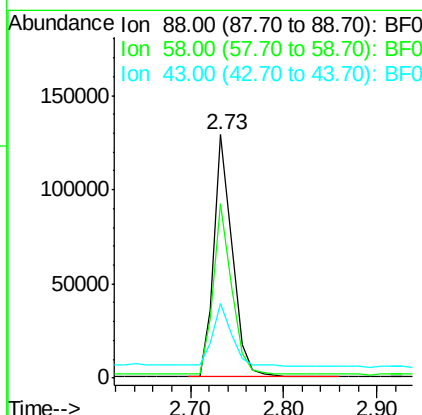
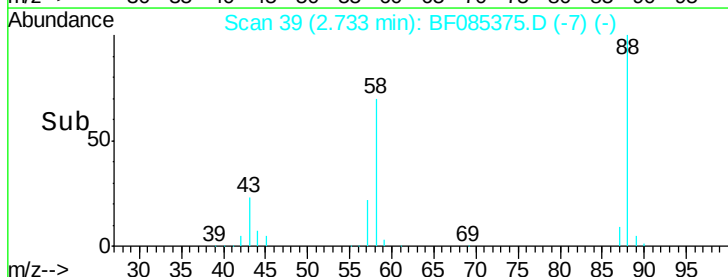


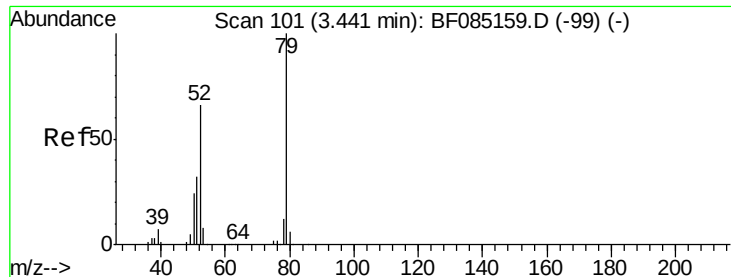
#2

1,4-Dioxane
Concen: 32.03 ng
RT: 2.73 min Scan# 39
Delta R.T. 0.07 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39



Tgt Ion	Ratio	Resp	Lower	Upper
88	100	177531		
58	69.9	57.0	85.6	
43	28.2	20.5	30.7	





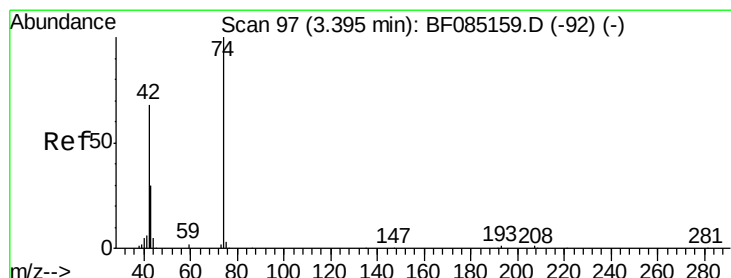
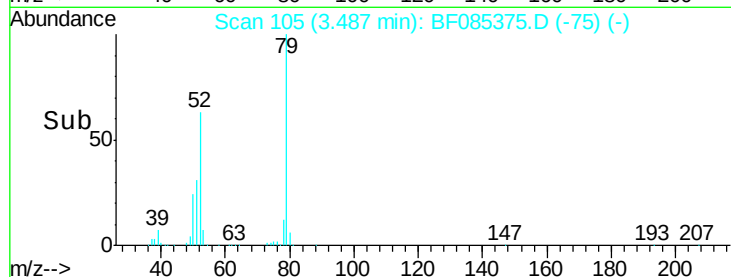
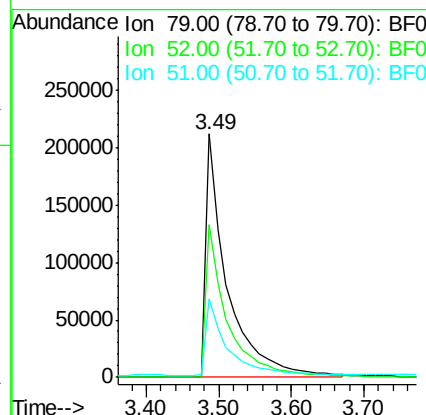
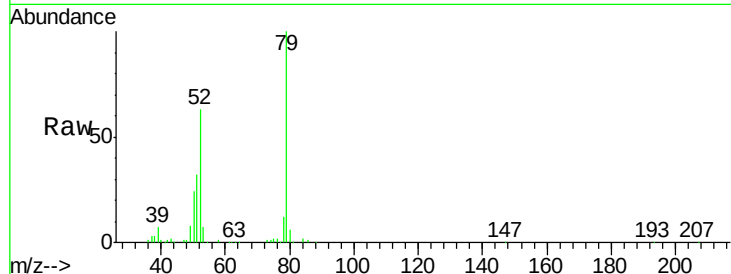
#3
 Pyridine
 Concen: 31.21 ng
 RT: 3.49 min Scan# 105
 Delta R.T. 0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Lower	Upper
79	100		
52	62.9	52.6	79.0
51	32.3	25.8	38.8

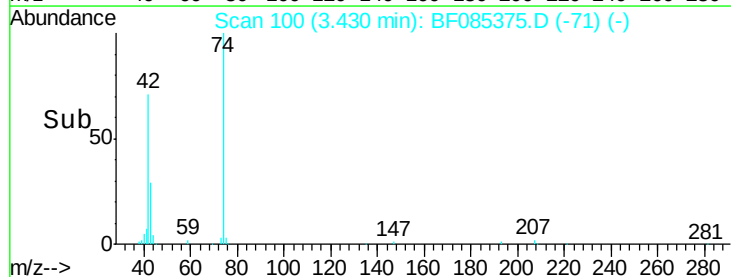
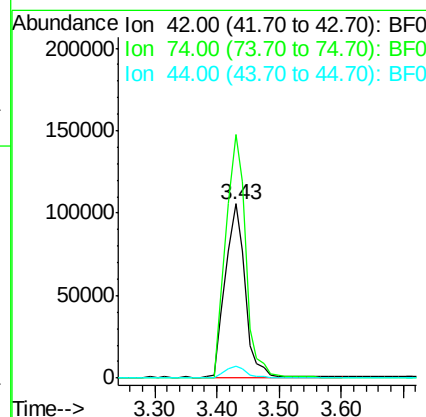
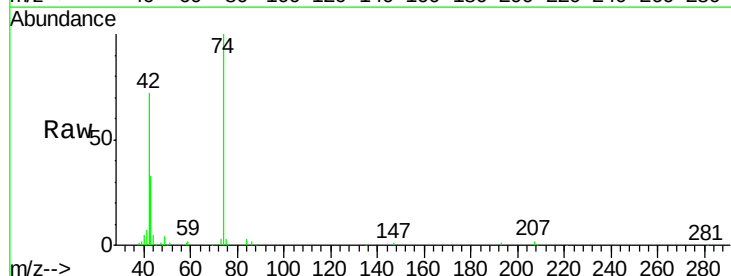
Manual Integrations
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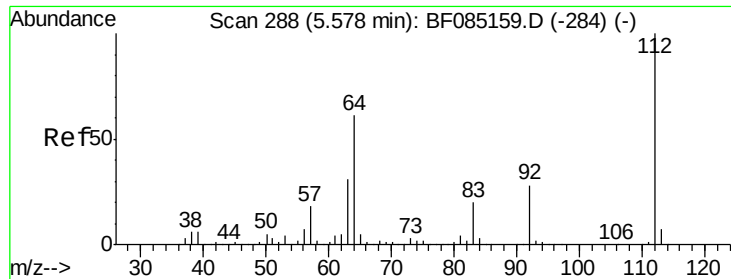
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#4
 n-Nitrosodimethylamine
 Concen: 38.74 ng
 RT: 3.43 min Scan# 100
 Delta R.T. 0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
42	100		
74	139.6	116.8	175.2
44	6.6	5.5	8.3





#5

2-Fluorophenol

Concen: 117.08 ng

RT: 5.56 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

PB88797BS

Tgt Ion: 112 Resp: 1269079

Ion Ratio Lower Upper

112 100

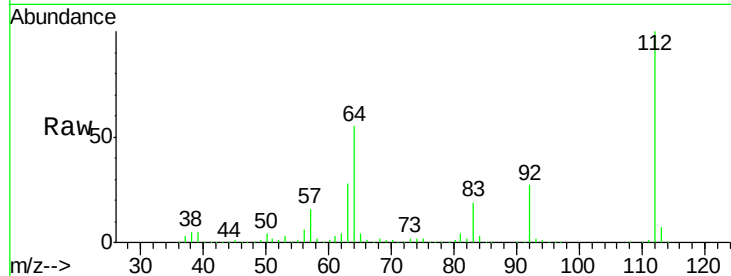
64 55.2 49.0 73.4

63 28.0 24.8 37.2

Manual Integrations
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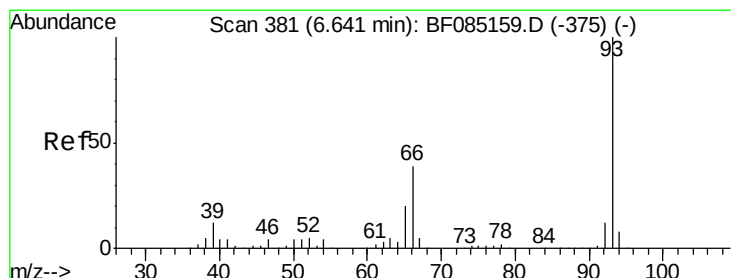
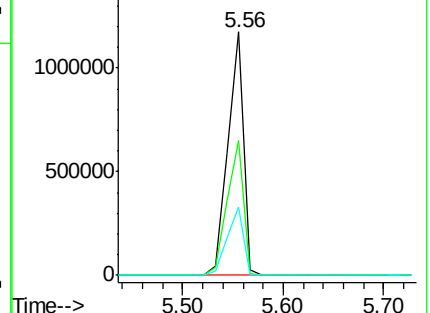
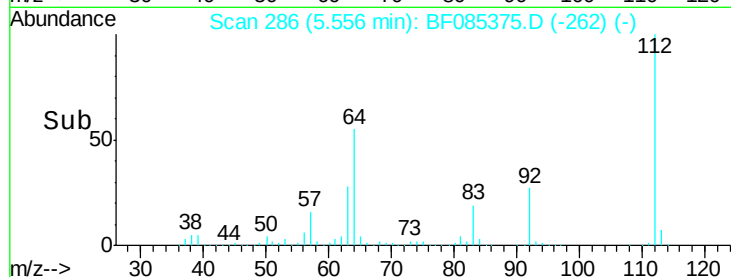
3/14/2016 10:45:00 AM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.54 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

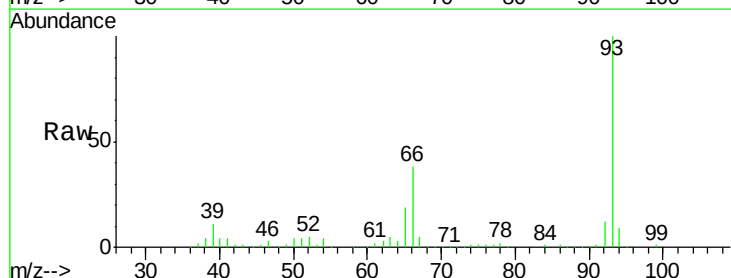
Tgt Ion: 93 Resp: 388851

Ion Ratio Lower Upper

93 100

66 37.6 31.6 47.4

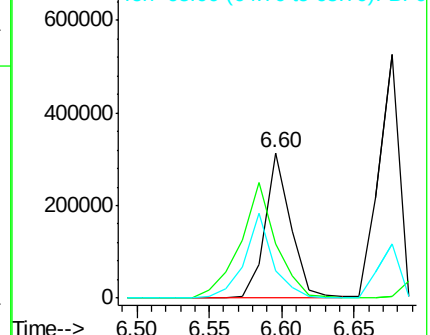
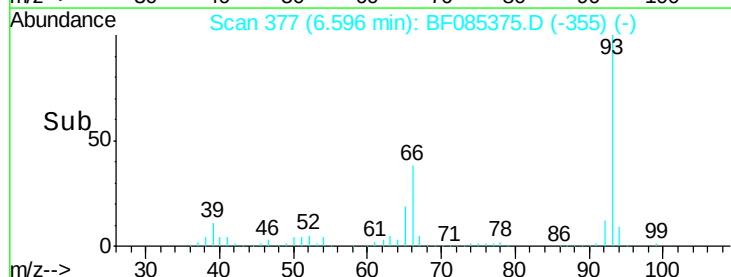
65 18.8 15.8 23.8

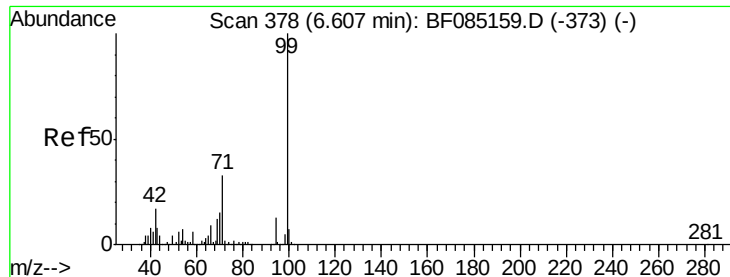


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.47 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

PB88797BS

Tgt Ion: 99 Resp: 1696707

Ion Ratio Lower Upper

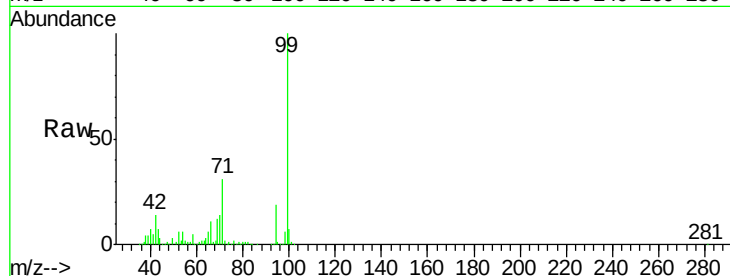
99 100

42 14.1 13.6 20.4

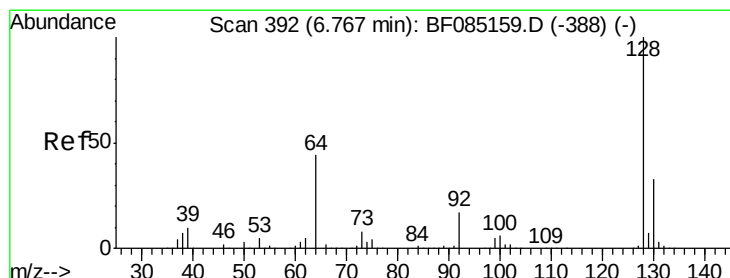
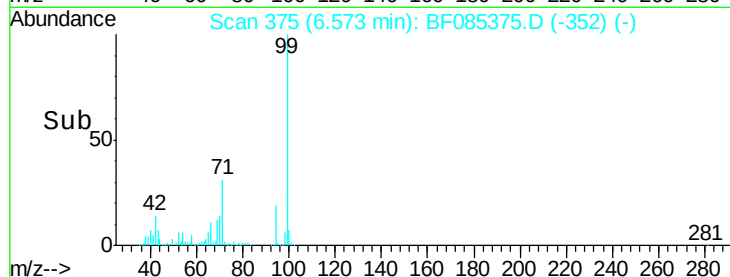
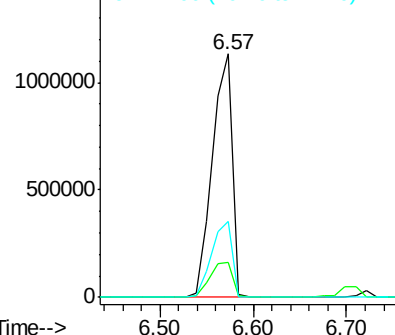
71 31.1 26.7 40.1

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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: 38.70 ng

RT: 6.72 min Scan# 388

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

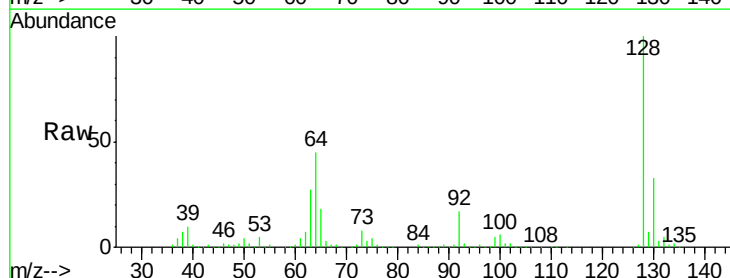
Tgt Ion: 128 Resp: 504994

Ion Ratio Lower Upper

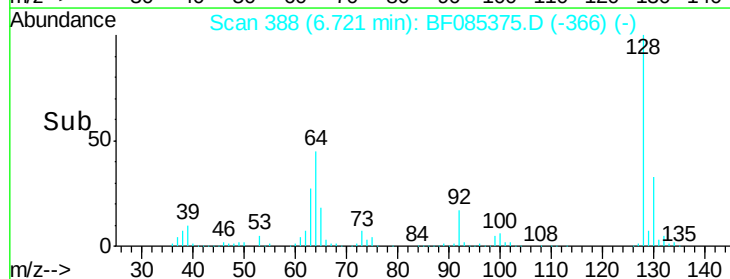
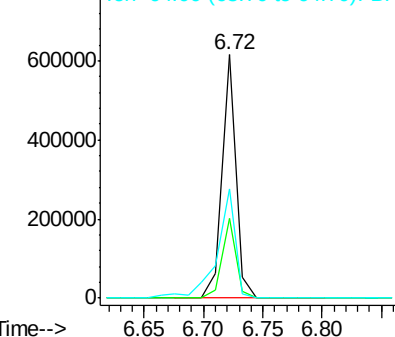
128 100

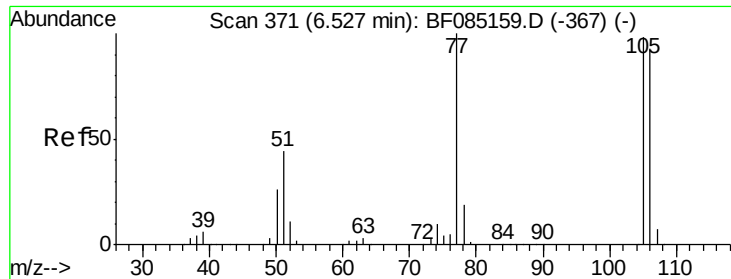
130 32.8 13.3 53.3

64 44.7 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: 16.13 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

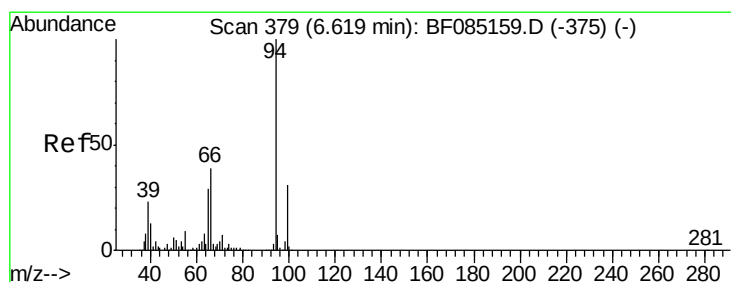
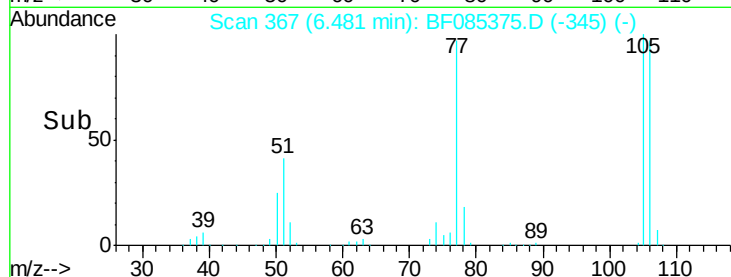
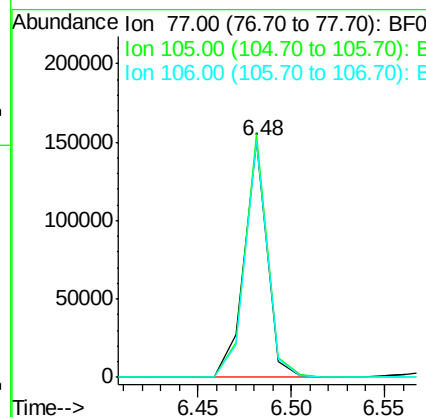
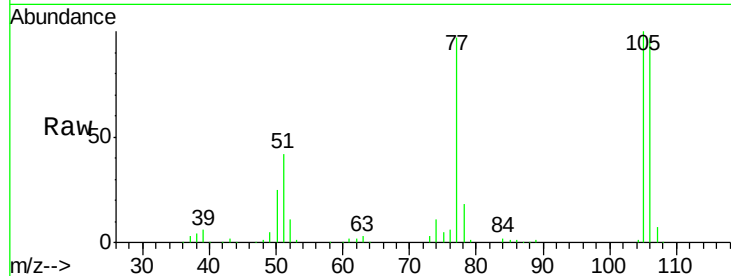
ClientSampleId :

PB88797BS

Tgt Ion:	77	Resp:	130418
Ion Ratio	Lower	Upper	
77	100		
105	103.1	78.2	118.2
106	99.9	72.9	112.9

Manual Integrations
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#10

Phenol

Concen: 44.95 ng m

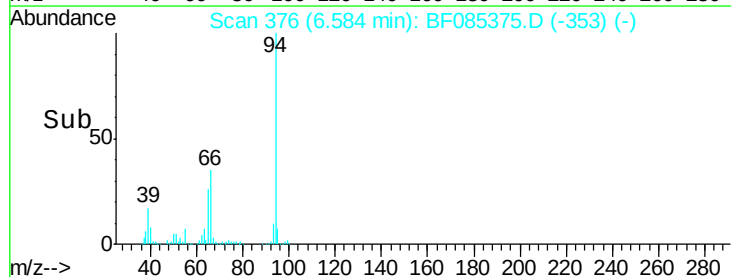
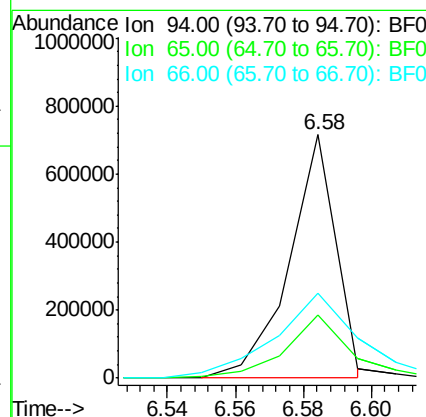
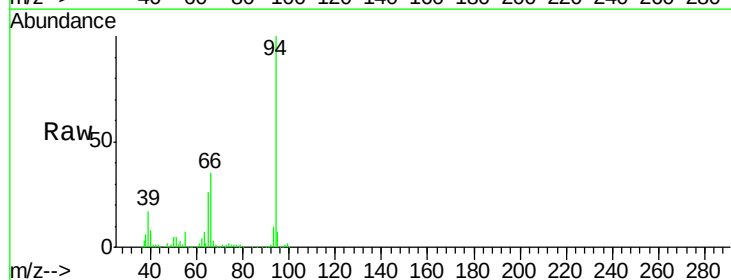
RT: 6.58 min Scan# 376

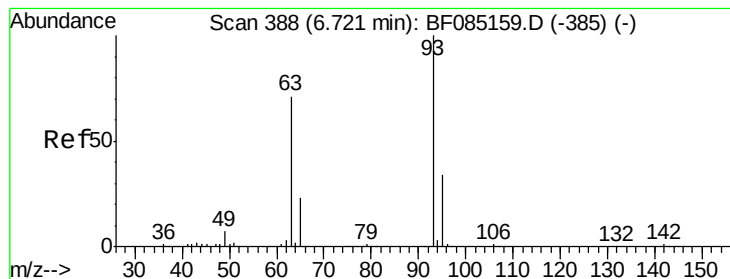
Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	94	Resp:	683651
Ion Ratio	Lower	Upper	
94	100		
65	25.8	9.1	49.1
66	34.9	19.3	59.3





#11

bis(2-Chloroethyl)ether

Concen: 40.54 ng m

RT: 6.68 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

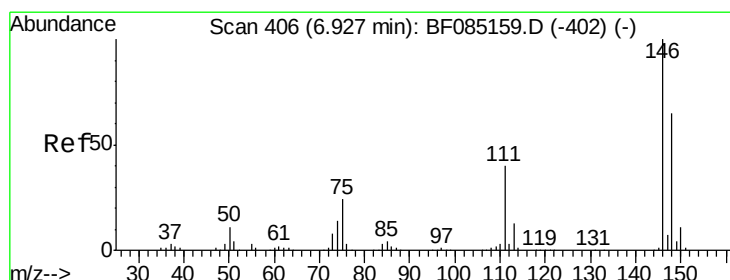
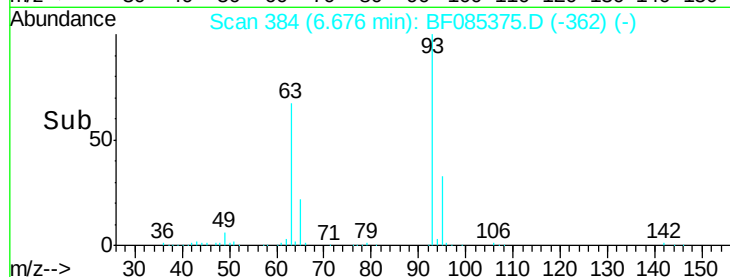
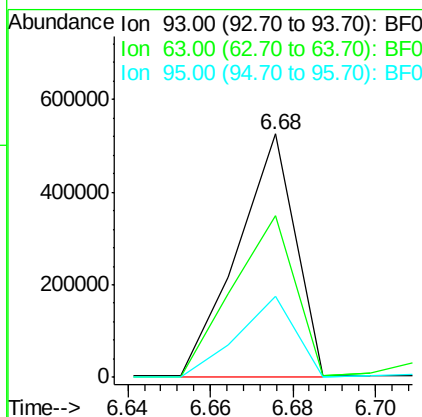
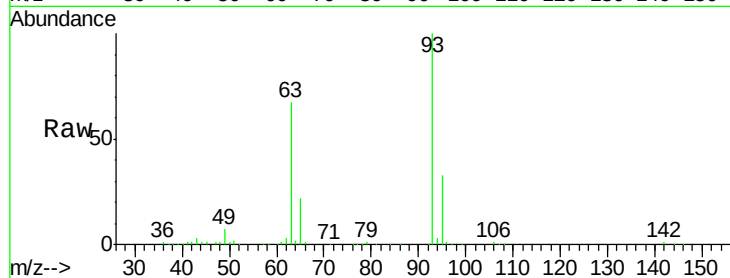
ClientSampleId :

PB88797BS

Tgt Ion:	93	Resp:	512214
Ion Ratio	Lower	Upper	
93	100		
63	66.5	50.9	90.9
95	33.1	13.7	53.7

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#12

1,3-Dichlorobenzene

Concen: 37.40 ng

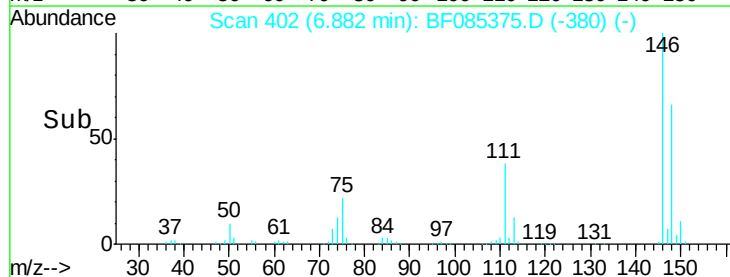
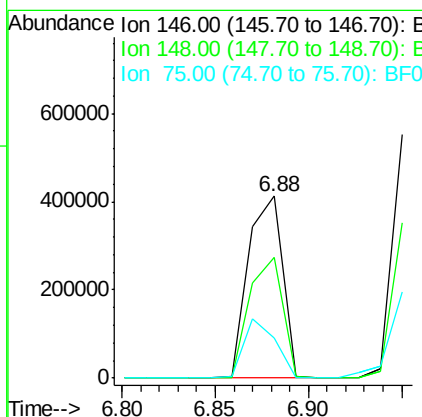
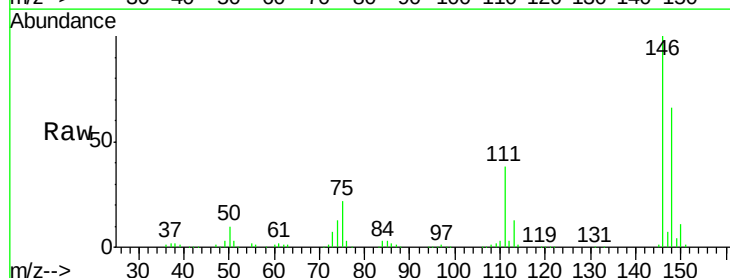
RT: 6.88 min Scan# 402

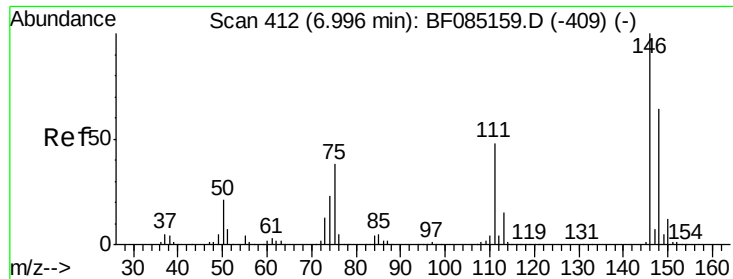
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	146	Resp:	524057
Ion Ratio	Lower	Upper	
146	100		
148	66.3	52.1	78.1
75	21.8	19.5	29.3





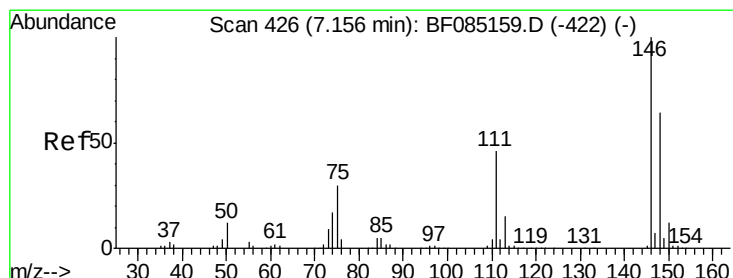
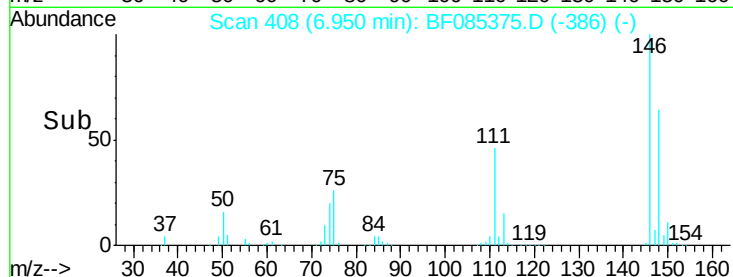
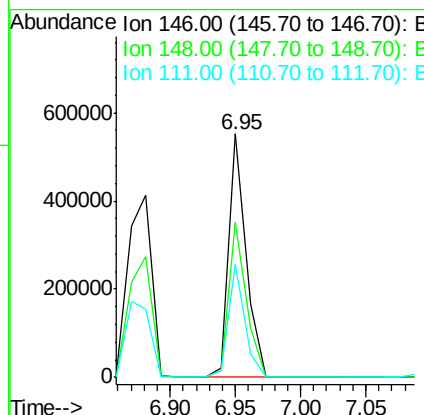
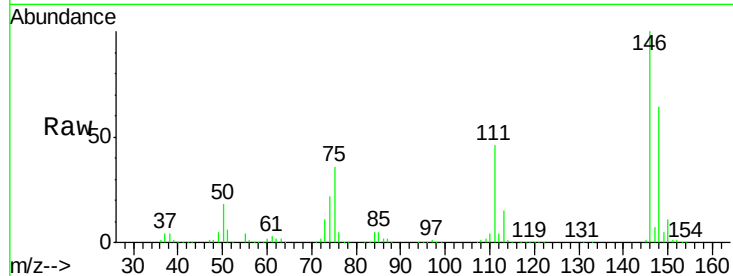
#13
 1,4-Dichlorobenzene
 Concen: 36.43 ng
 RT: 6.95 min Scan# 408
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.3	76.9
111	46.3	38.4	57.6

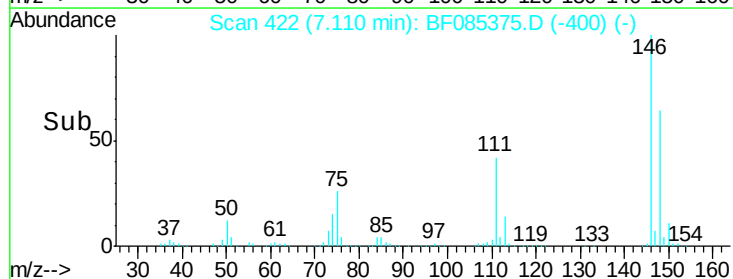
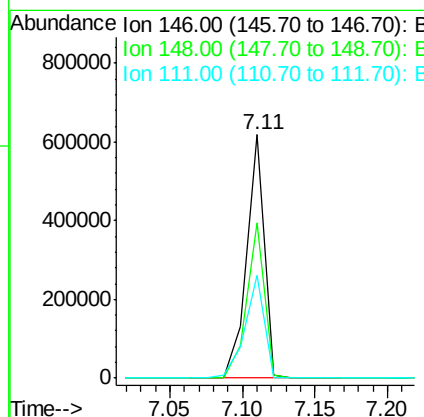
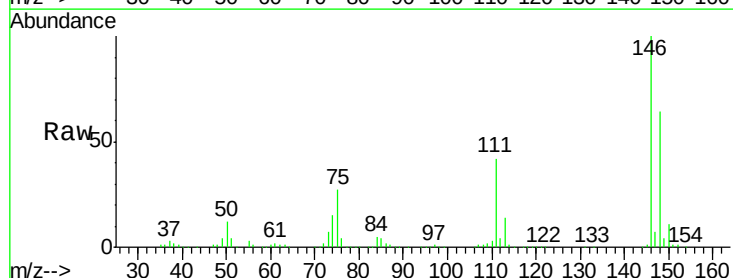
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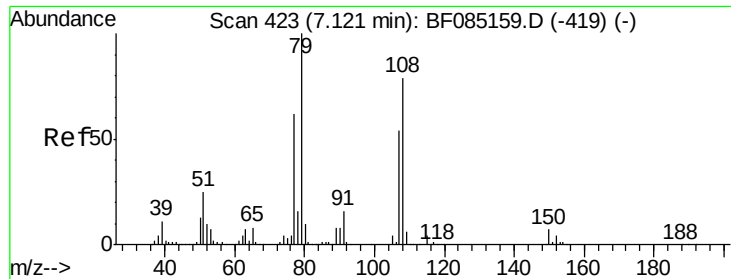
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#14
 1,2-Dichlorobenzene
 Concen: 41.07 ng
 RT: 7.11 min Scan# 422
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	42.3	36.7	55.1





#15

Benzyl Alcohol

Concen: 38.91 ng

RT: 7.08 min Scan# 419

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

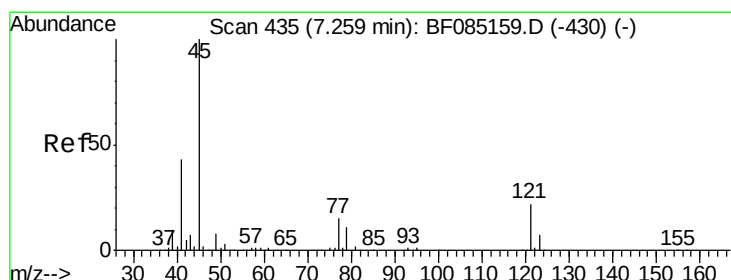
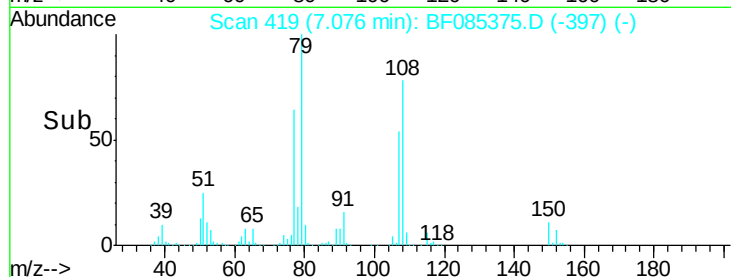
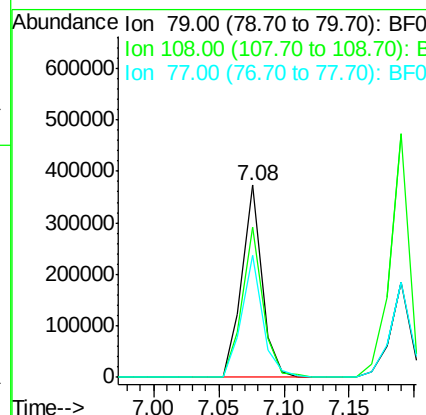
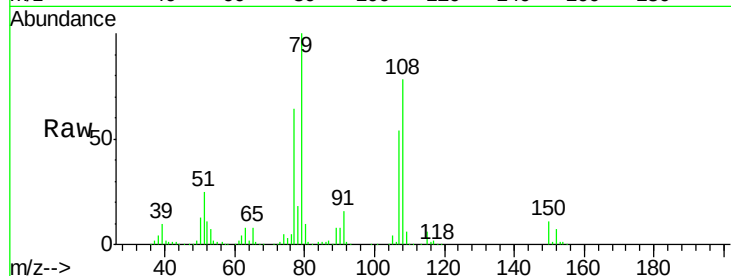
ClientSampleId :

PB88797BS

Tgt Ion:	79	Resp:	405597
Ion Ratio	Lower	Upper	
79	100		
108	78.4	62.9	94.3
77	63.8	49.5	74.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.91 ng

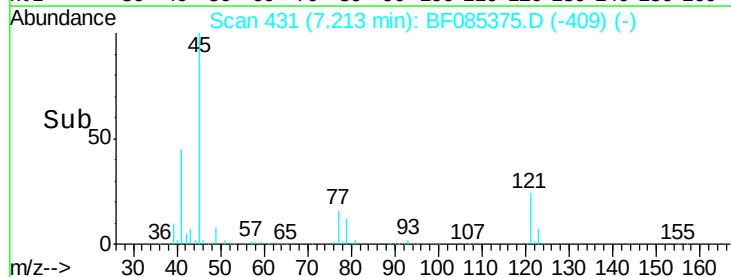
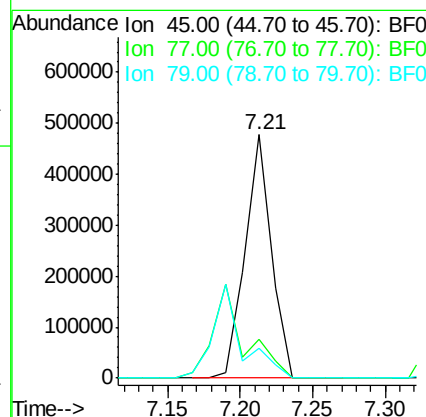
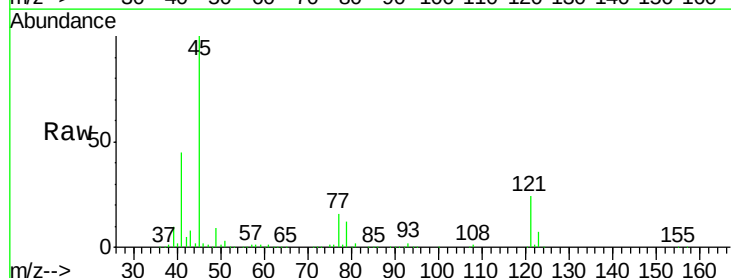
RT: 7.21 min Scan# 431

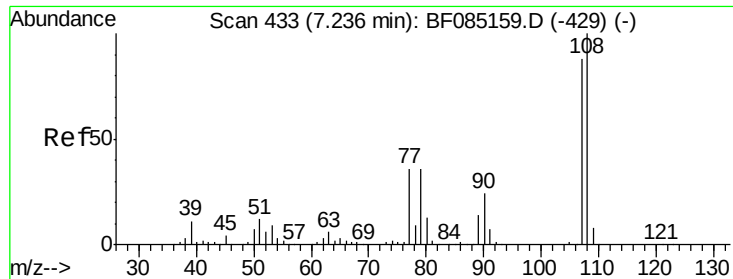
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	45	Resp:	599337
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	35.1
79	12.2	0.0	31.3





#17

2-Methylphenol

Concen: 39.60 ng

RT: 7.19 min Scan# 429

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

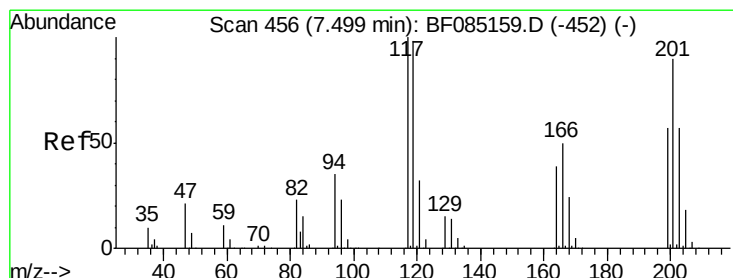
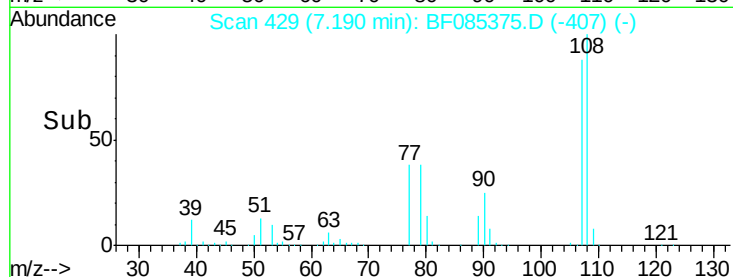
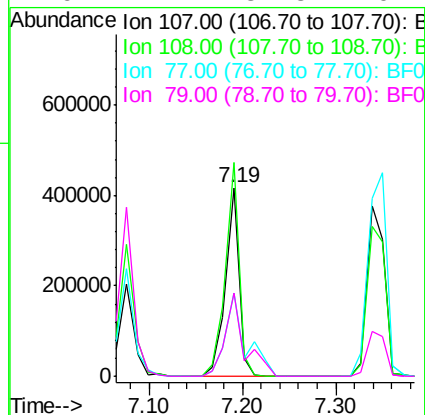
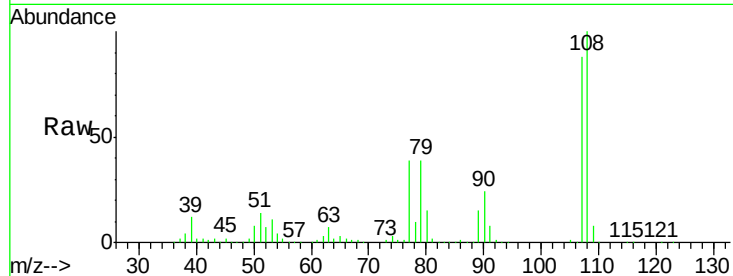
ClientSampleId :

PB88797BS

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Tgt Ion:	107	Resp:	421663
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.9	136.3
77	44.3	32.6	48.8
79	44.4	32.8	49.2



#18

Hexachloroethane

Concen: 39.77 ng

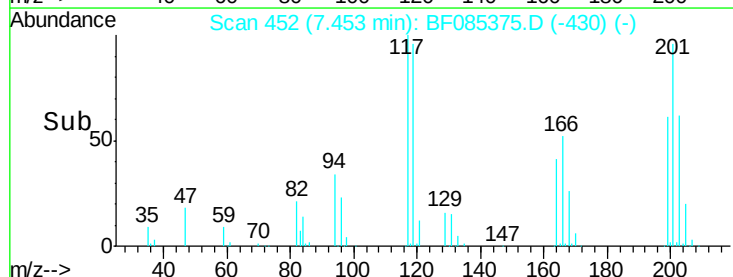
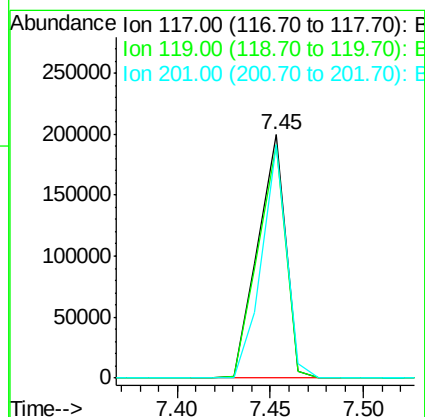
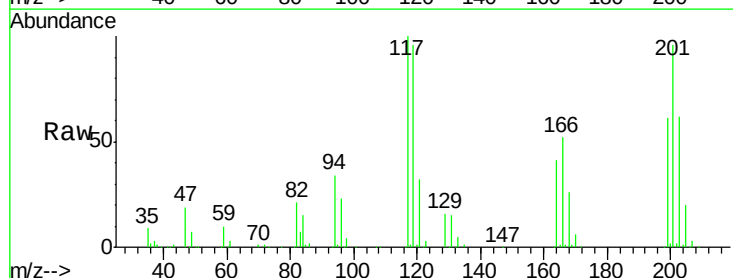
RT: 7.45 min Scan# 452

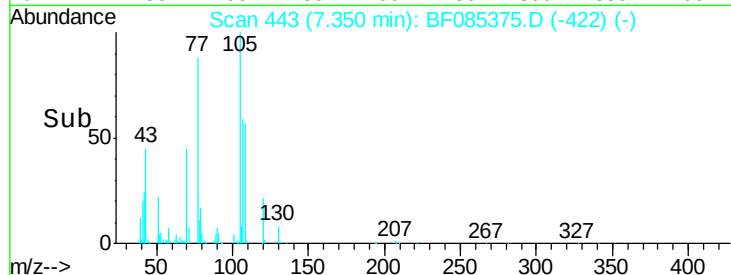
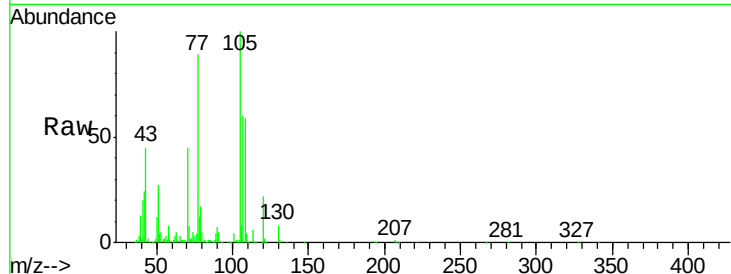
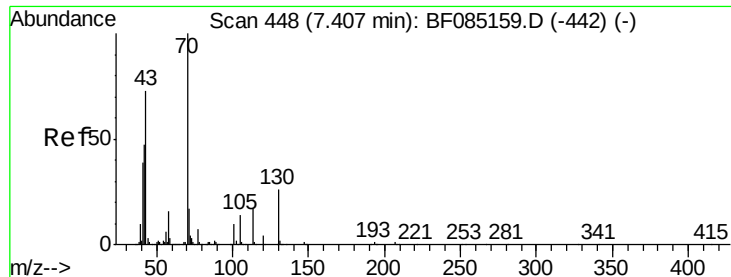
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	117	Resp:	206003
Ion Ratio	Lower	Upper	
117	100		
119	95.8	78.2	117.4
201	95.9	72.0	108.0





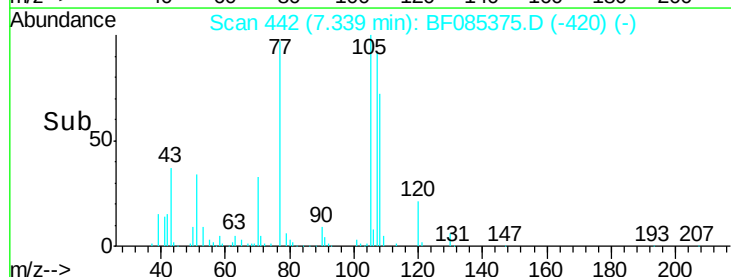
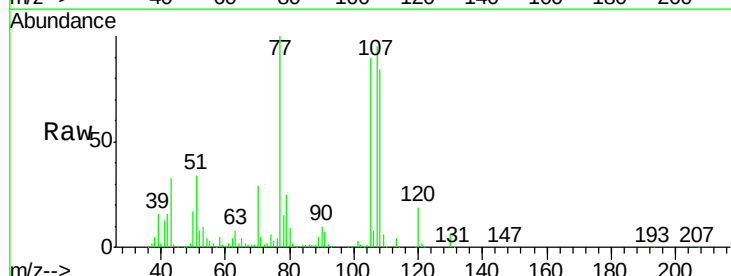
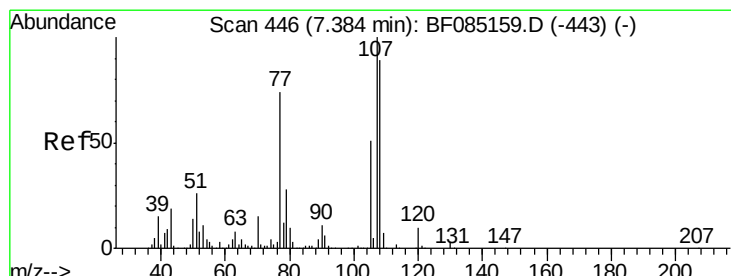
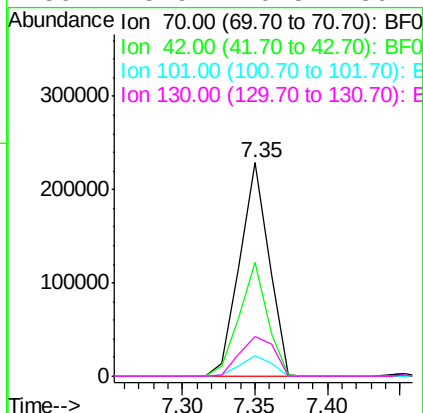
#19
n-Nitroso-di-n-propylamine
Concen: 34.80 ng
RT: 7.35 min Scan# 443
Delta R.T. -0.06 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

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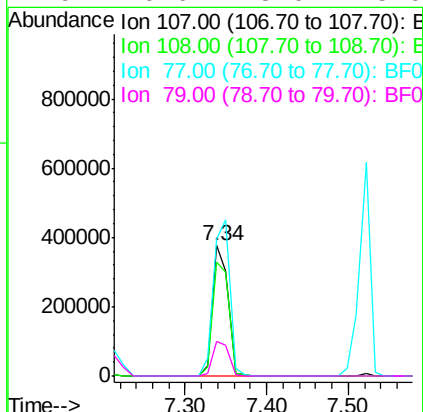
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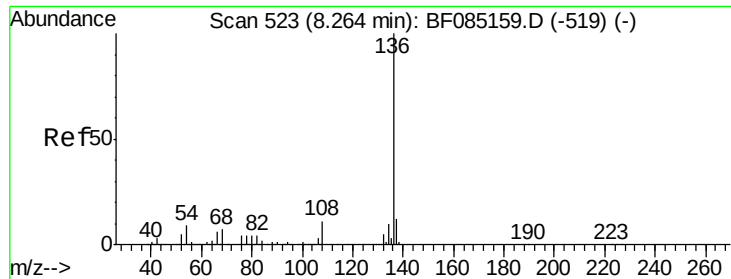
Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.5	37.7	56.5
101	9.5	8.2	12.4
130	18.9	20.5	30.7#



#20
3+4-Methylphenols
Concen: 39.37 ng
RT: 7.34 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.9	68.8	108.8
77	105.1	53.6	93.6#
79	26.6	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: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

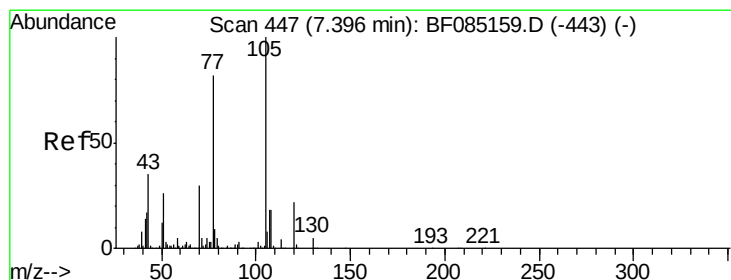
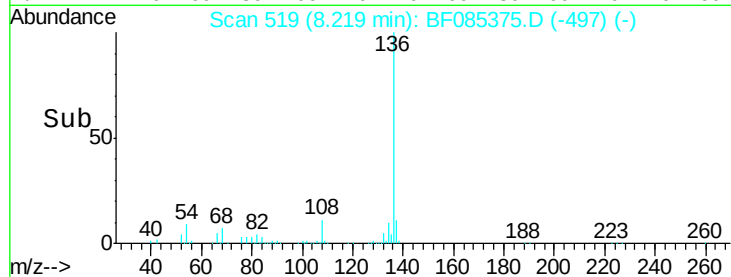
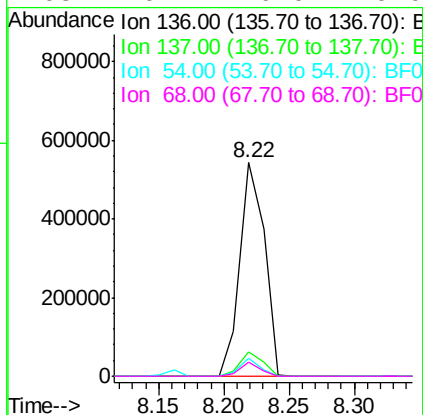
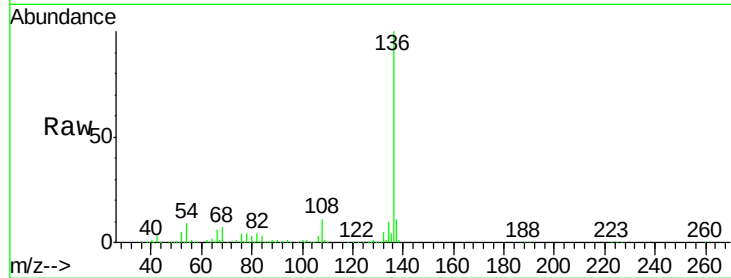
ClientSampleId :

PB88797BS

Tgt	Ion	Ratio	Resp	Lower	Upper
136	100		709979		
137	11.4	9.3	13.9		
54	8.6	7.4	11.2		
68	6.7	6.0	9.0		

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#22

Acetophenone

Concen: 37.49 ng

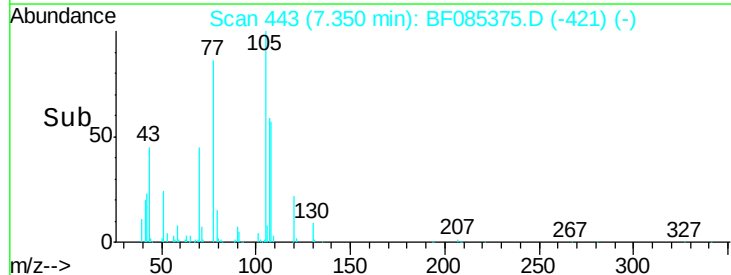
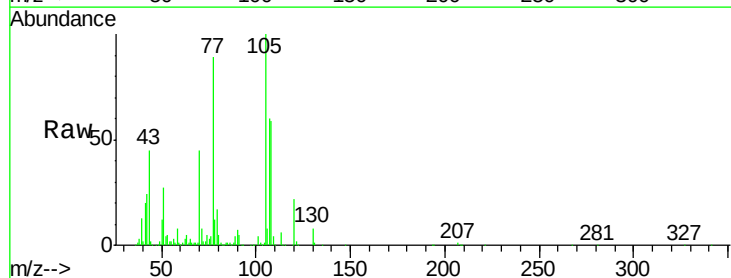
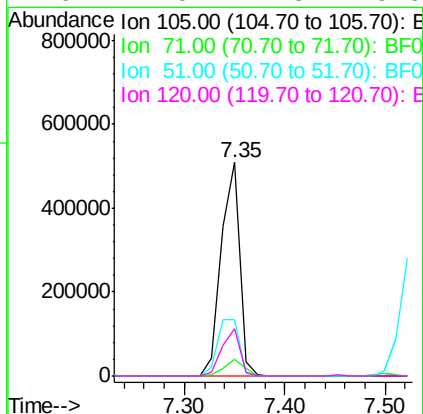
RT: 7.35 min Scan# 443

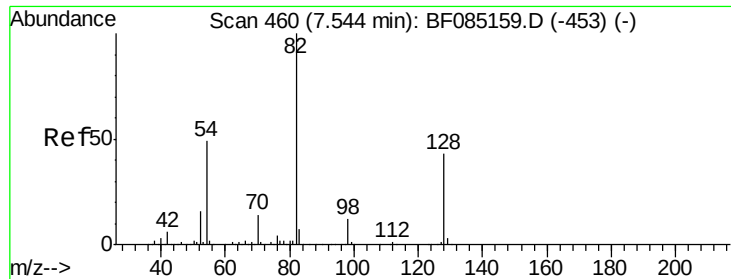
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt	Ion	Ratio	Resp	Lower	Upper
105	100		649677		
71	7.5	4.1	6.1#		
51	26.7	21.1	31.7		
120	22.0	17.3	25.9		





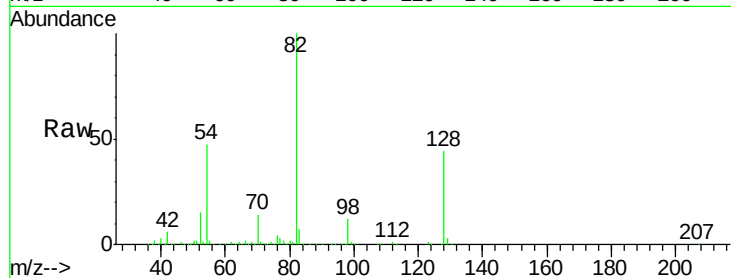
#23
 Nitrobenzene-d5
 Concen: 79.89 ng
 RT: 7.50 min Scan# 456
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

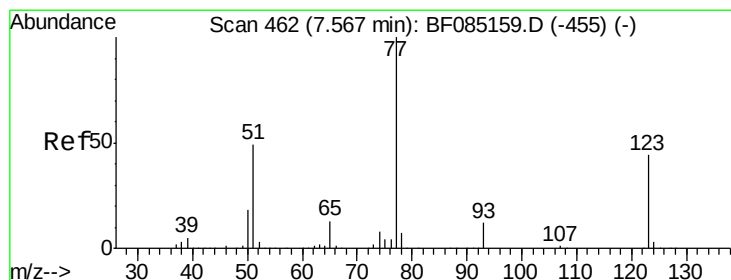
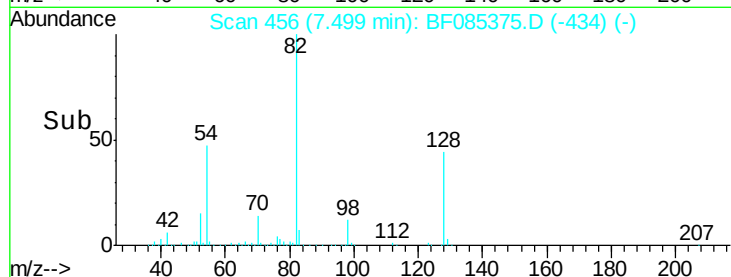
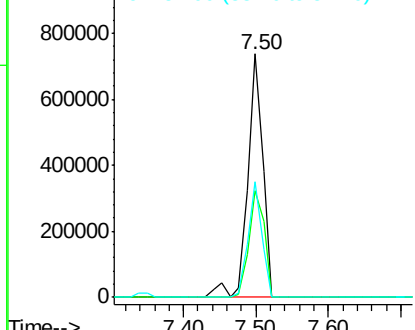
Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.5	51.7
54	47.3	39.3	58.9

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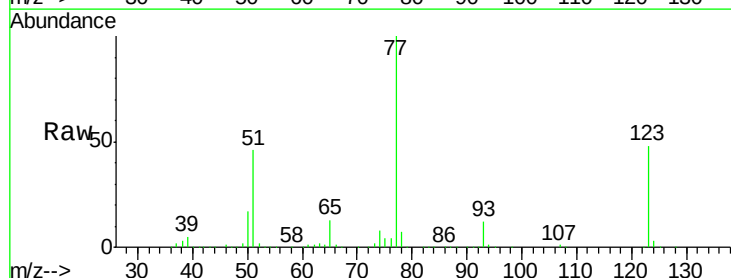


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

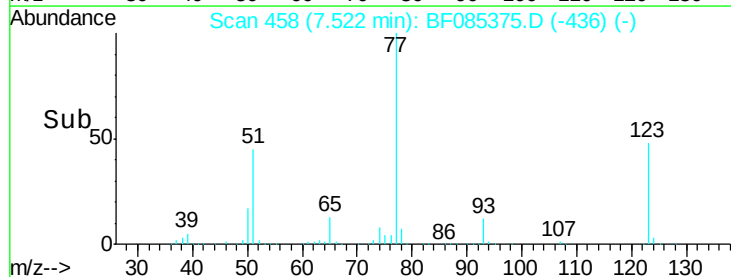
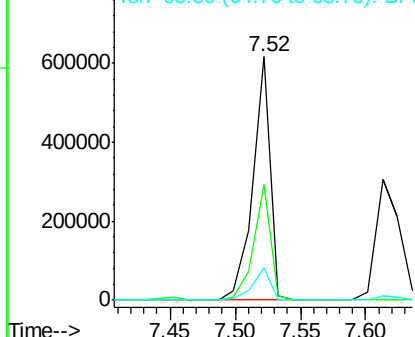


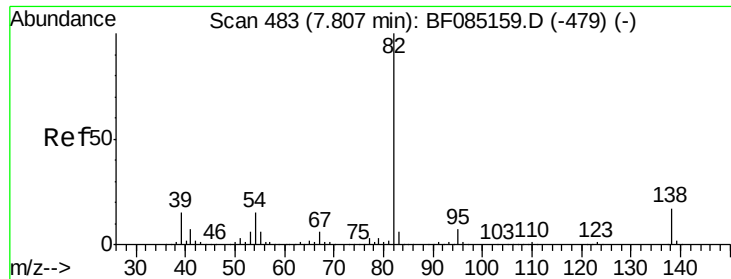
#24
 Nitrobenzene
 Concen: 42.30 ng
 RT: 7.52 min Scan# 458
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	35.4	53.2
65	13.2	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: 39.44 ng

RT: 7.76 min Scan# 479

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

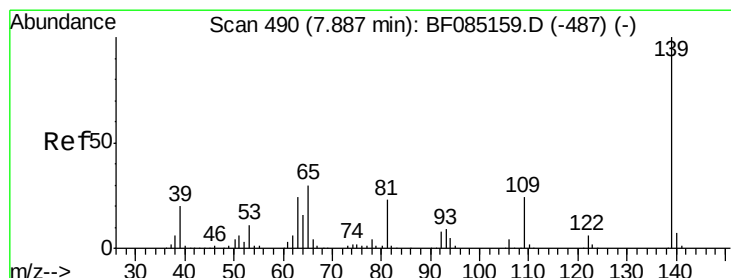
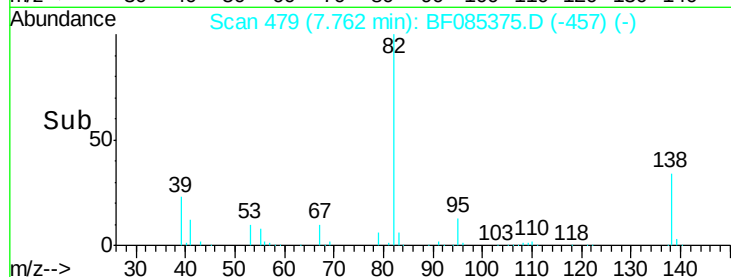
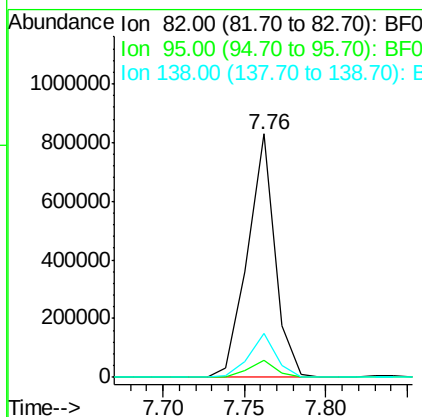
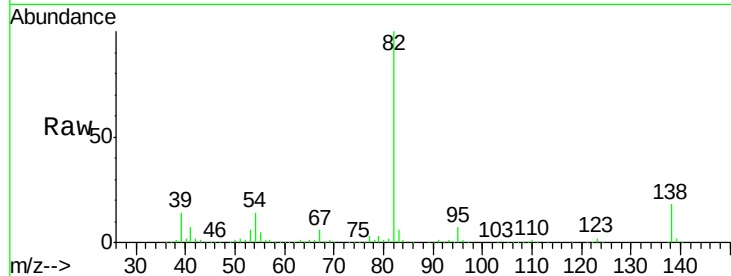
ClientSampled :

PB88797BS

Tgt Ion:	82	Resp:	969637
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: 42.75 ng

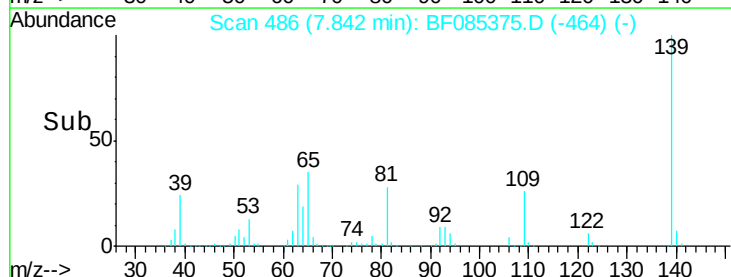
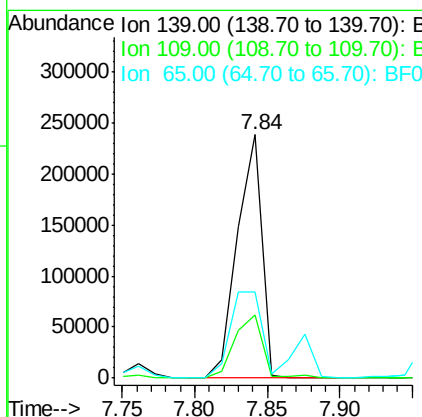
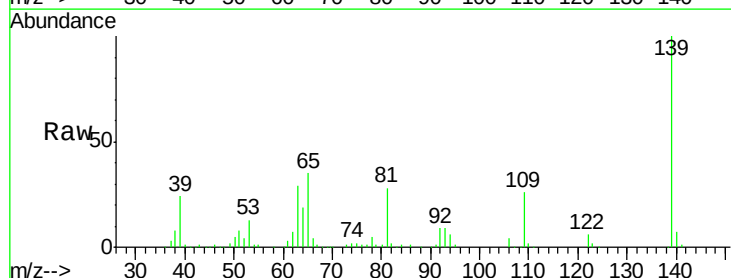
RT: 7.84 min Scan# 486

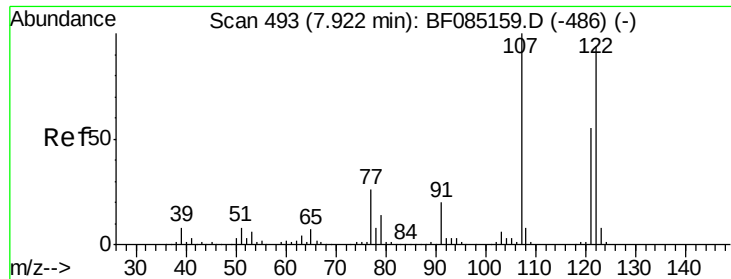
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	139	Resp:	280412
Ion Ratio	Lower	Upper	
139	100		
109	26.0	19.1	28.7
65	35.4	23.9	35.9





#27

2,4-Dimethylphenol

Concen: 42.01 ng

RT: 7.88 min Scan# 489

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

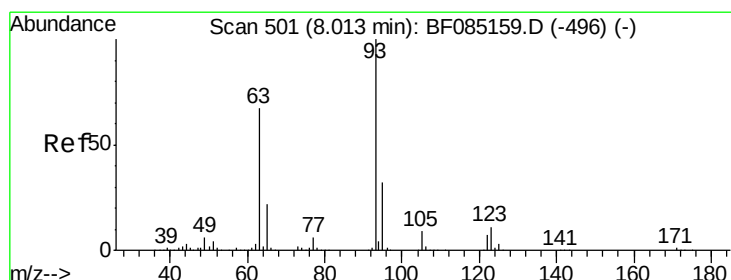
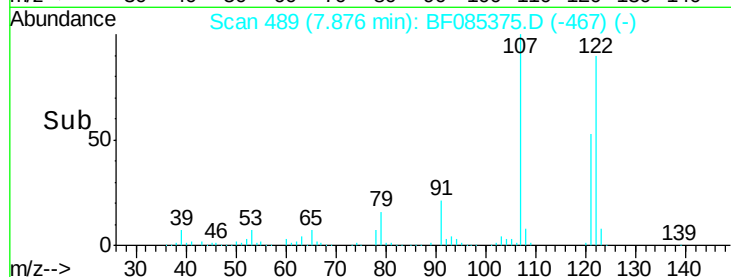
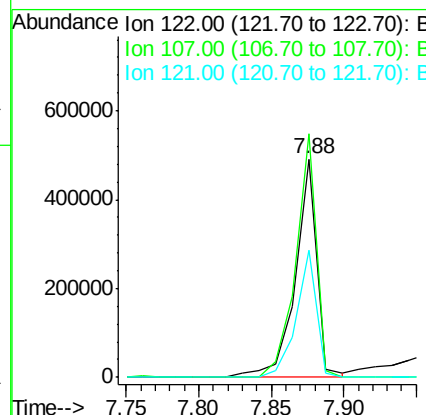
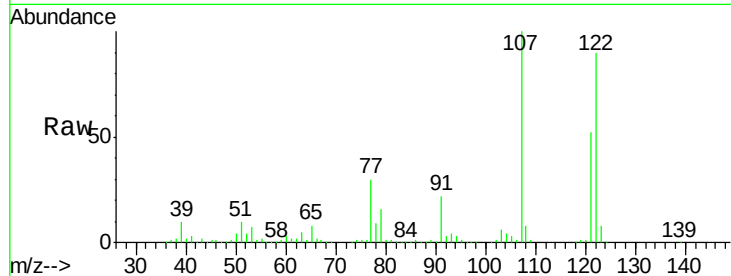
ClientSampleId :

PB88797BS

Tgt Ion:	122	Resp:	503624
Ion Ratio	Lower	Upper	
122	100		
107	111.4	84.8	127.2
121	58.4	47.0	70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 41.12 ng

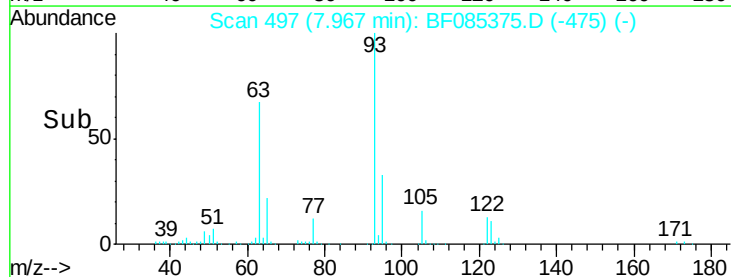
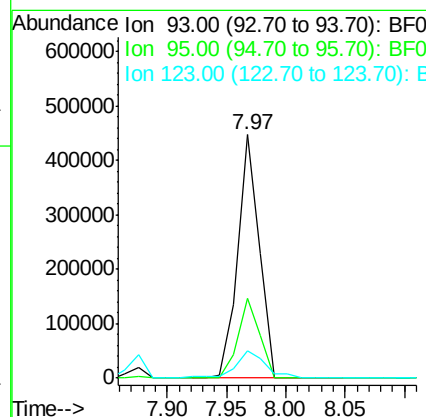
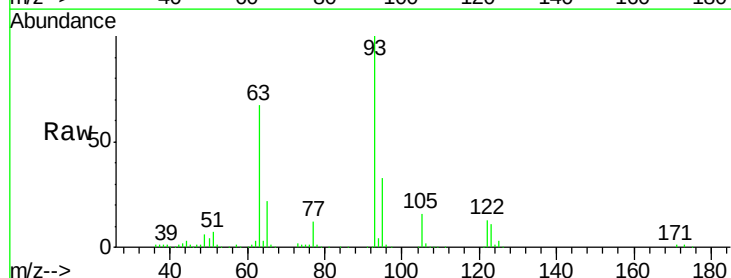
RT: 7.97 min Scan# 497

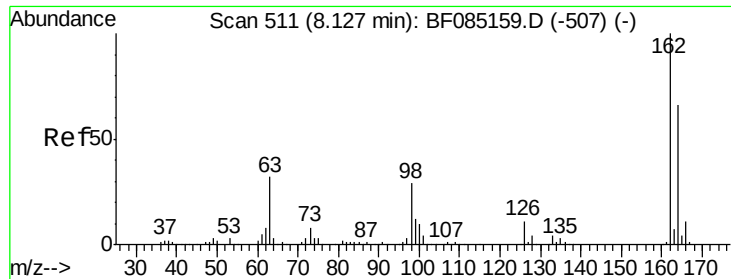
Delta R.T. -0.05 min

Lab File: BF085375.D

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Tgt Ion:	93	Resp:	563118
Ion Ratio	Lower	Upper	
93	100		
95	32.7	25.9	38.9
123	11.3	8.8	13.2





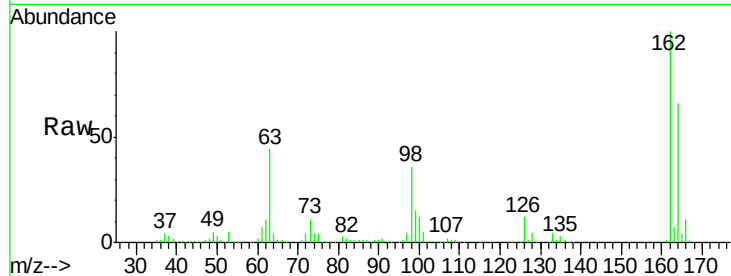
#29
2,4-Dichlorophenol
Concen: 43.38 ng
RT: 8.08 min Scan# 507
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

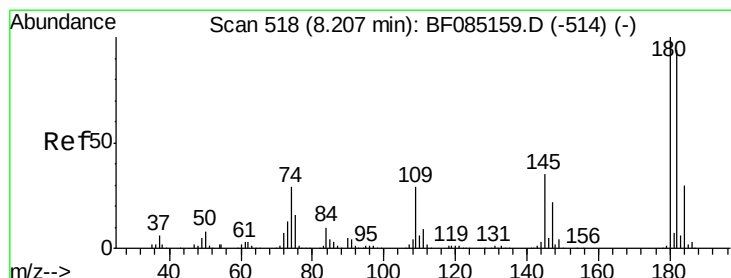
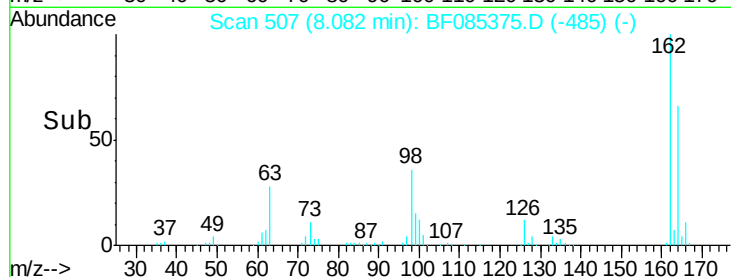
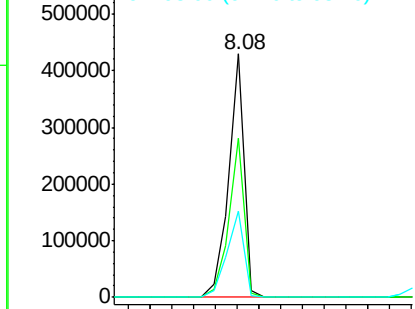
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	419320		
164	65.6	45.7	85.7	
98	35.5	9.4	49.4	

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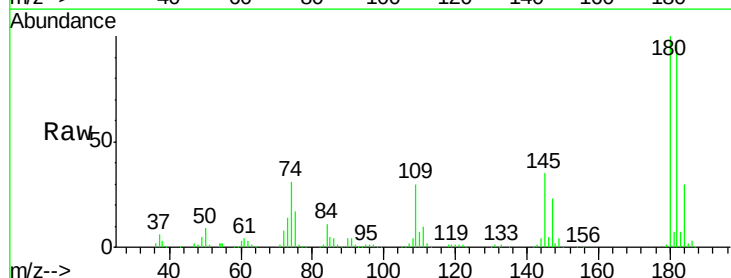


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

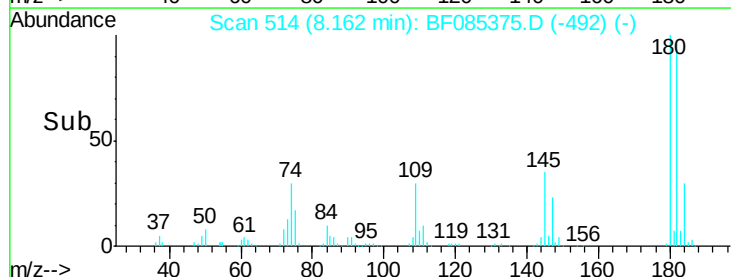
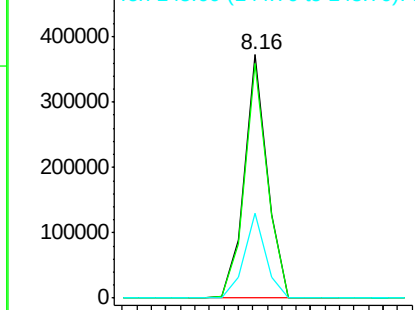


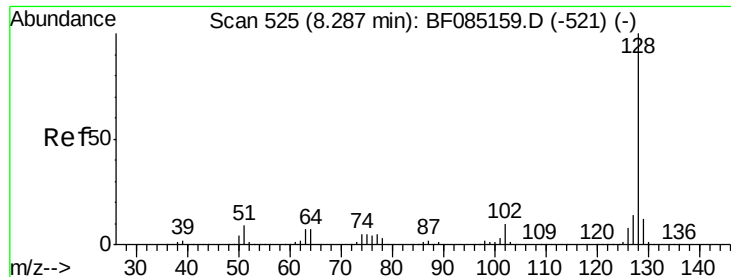
#30
1,2,4-Trichlorobenzene
Concen: 38.93 ng
RT: 8.16 min Scan# 514
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	406928		
182	96.2	74.9	112.3	
145	35.0	27.9	41.9	



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





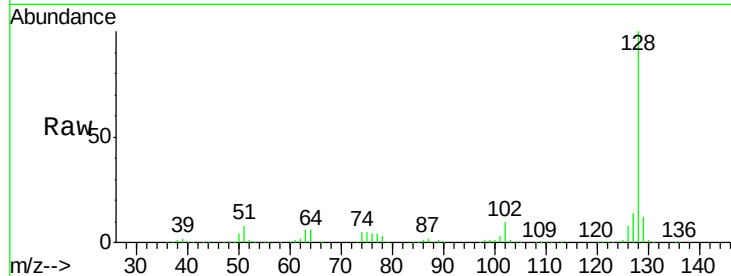
#31
Naphthalene
Concen: 38.95 ng
RT: 8.24 min Scan# 521
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

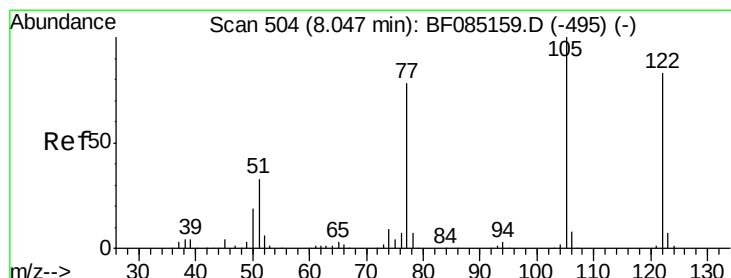
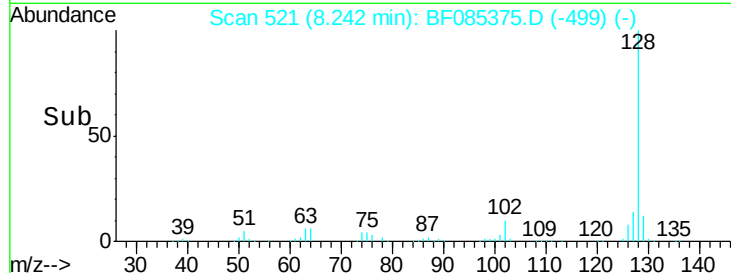
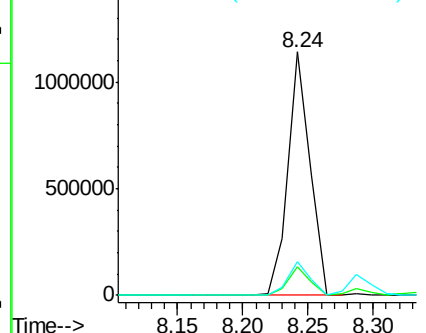
Tgt Ion:128 Resp: 1359817
Ion Ratio Lower Upper
128 100
129 11.9 9.7 14.5
127 13.8 11.2 16.8

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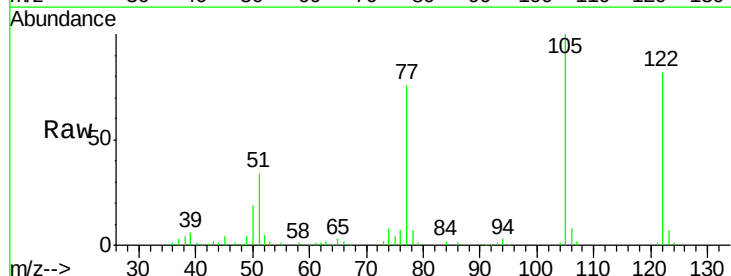


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

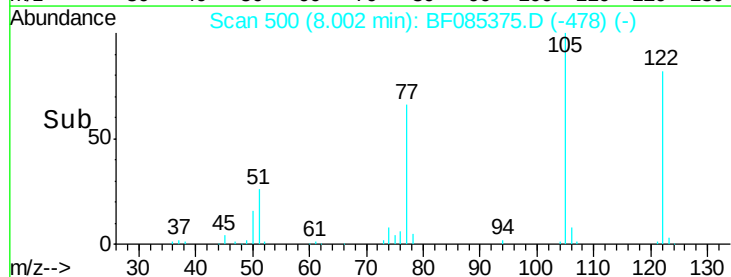
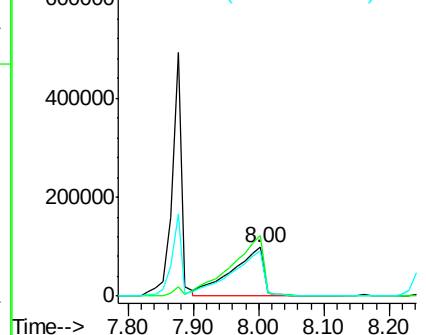


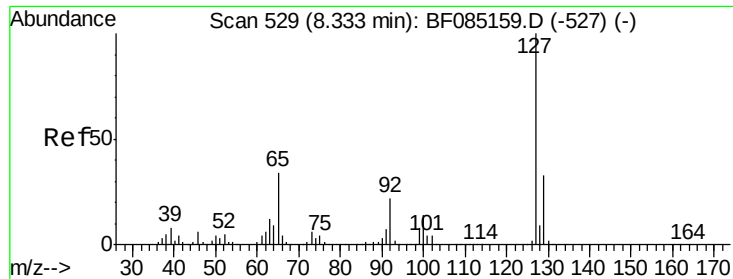
#32
Benzoic acid
Concen: 42.08 ng
RT: 8.00 min Scan# 500
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion:122 Resp: 335040
Ion Ratio Lower Upper
122 100
105 122.5 101.3 141.3
77 92.6 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





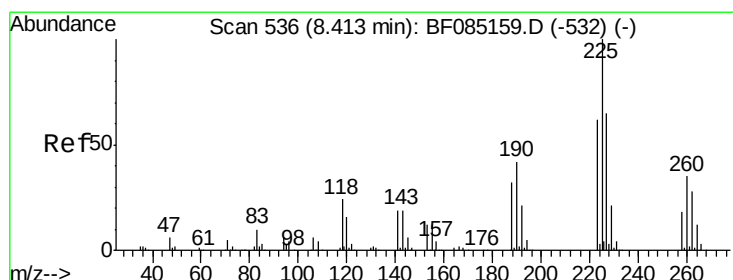
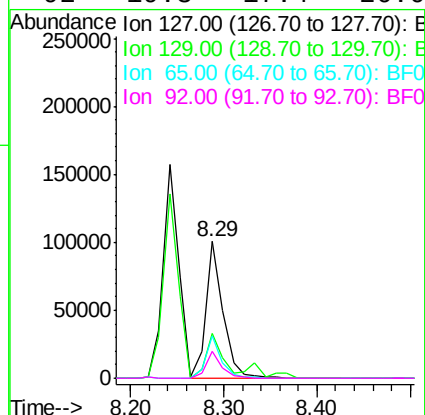
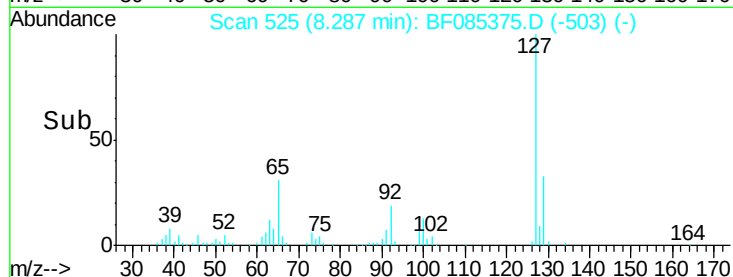
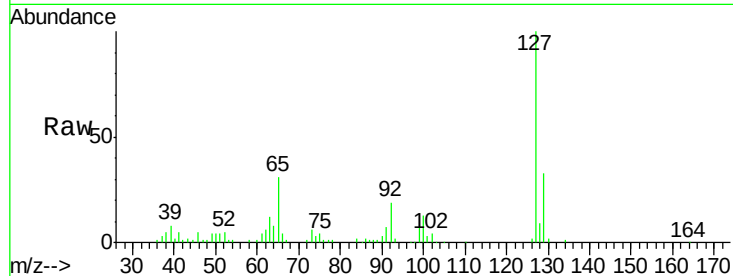
#33
4-Chloroaniline
Concen: 9.15 ng
RT: 8.29 min Scan# 525
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	129232		
129	32.7	26.1	39.1	
65	30.8	27.0	40.6	
92	19.3	17.4	26.0	

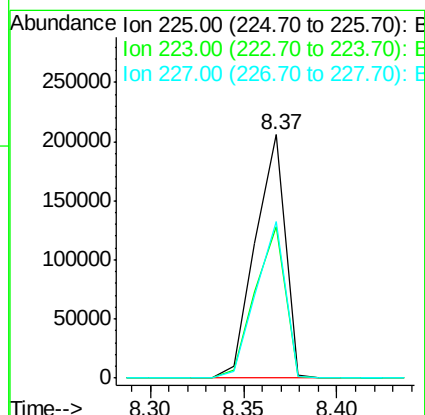
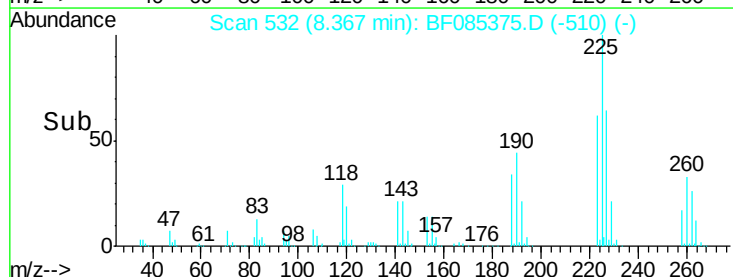
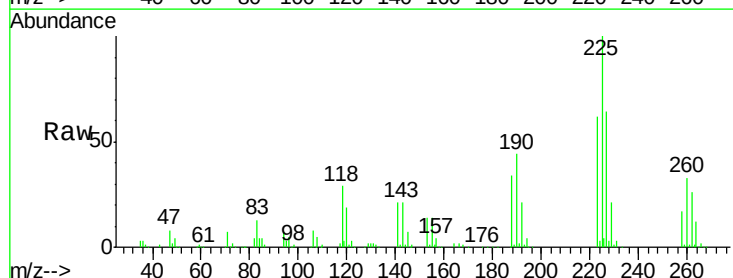
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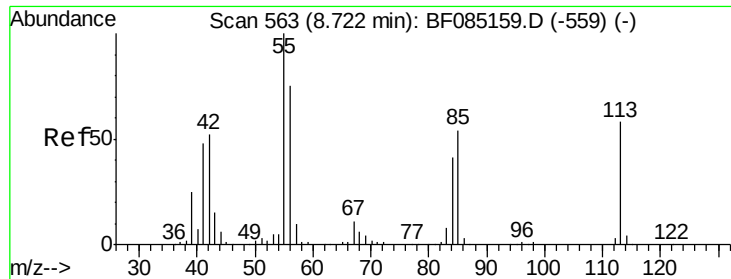
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#34
Hexachlorobutadiene
Concen: 41.88 ng
RT: 8.37 min Scan# 532
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	227759		
223	62.0	49.7	74.5	
227	64.1	52.2	78.4	





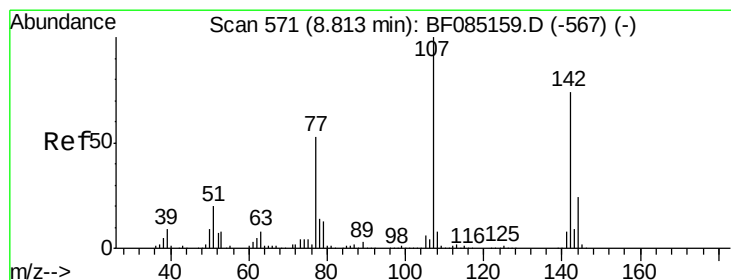
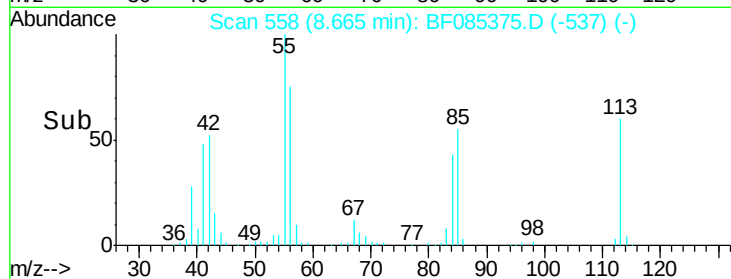
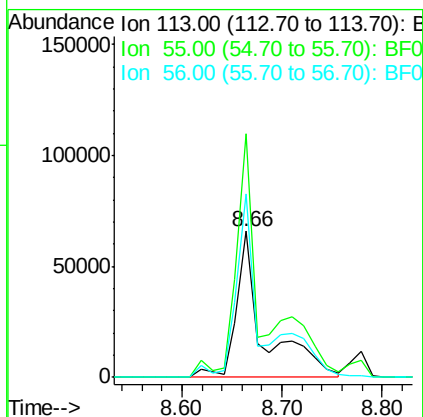
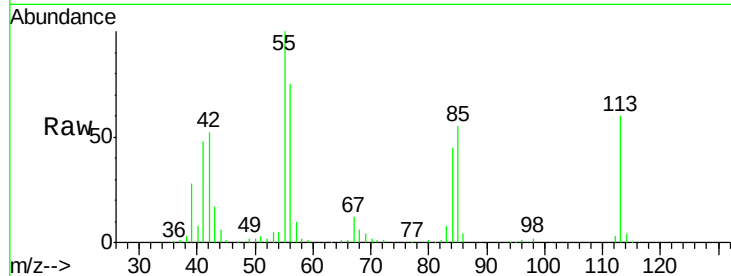
#35
 Caprolactam
 Concen: 40.11 ng m
 RT: 8.66 min Scan# 558
 Delta R.T. -0.06 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampled :
 PB88797BS

Tgt Ion	Ratio	Lower	Upper
113	100		
55	166.8	152.7	192.7
56	125.7	109.0	149.0

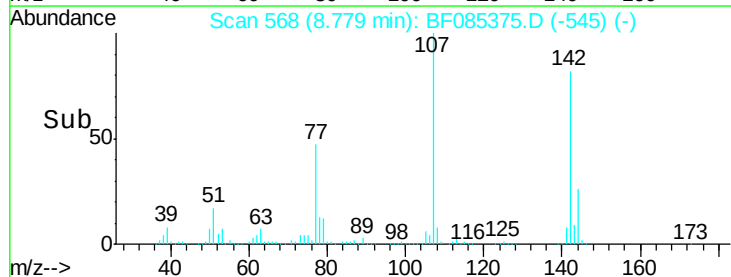
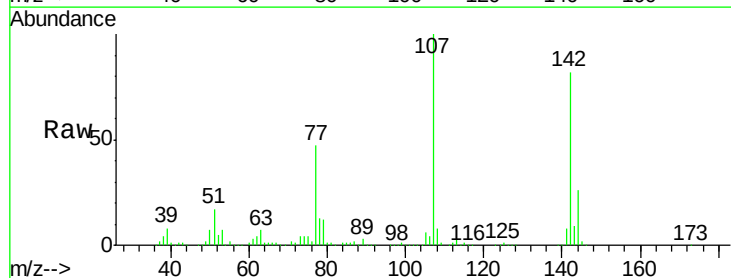
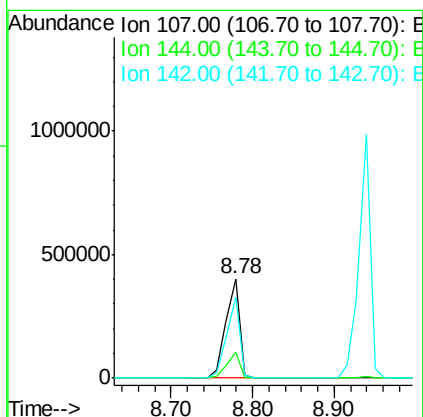
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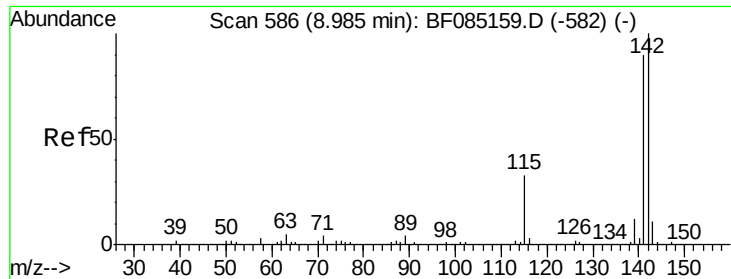
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#36
 4-Chloro-3-methylphenol
 Concen: 42.58 ng
 RT: 8.78 min Scan# 568
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.4	19.4	29.2
142	81.8	59.4	89.2





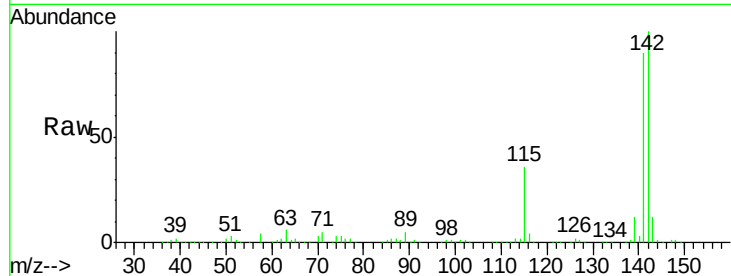
#37
2-Methylnaphthalene
Concen: 42.61 ng
RT: 8.94 min Scan# 582
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampled :
PB88797BS

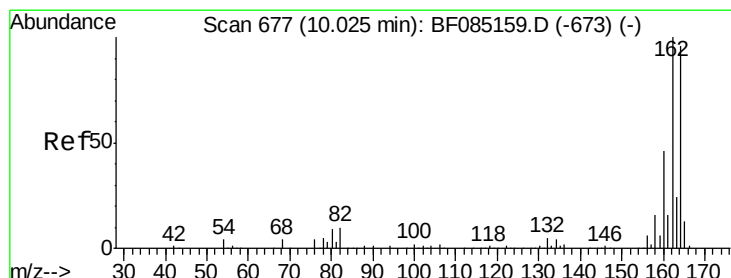
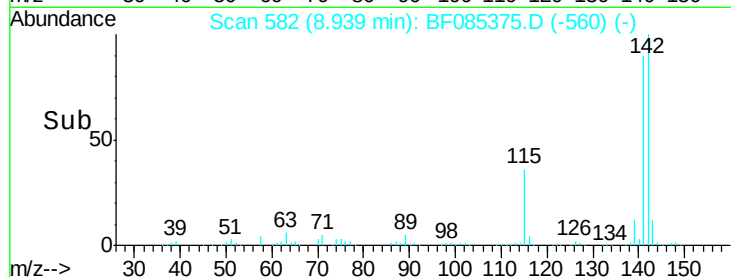
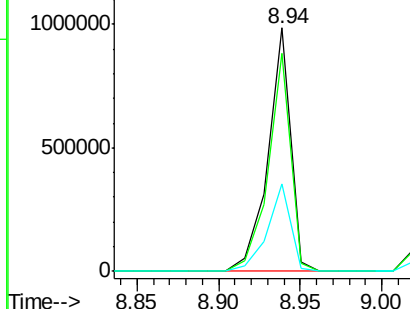
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	954586		
141	89.7	71.7	107.5	
115	36.1	26.2	39.4	

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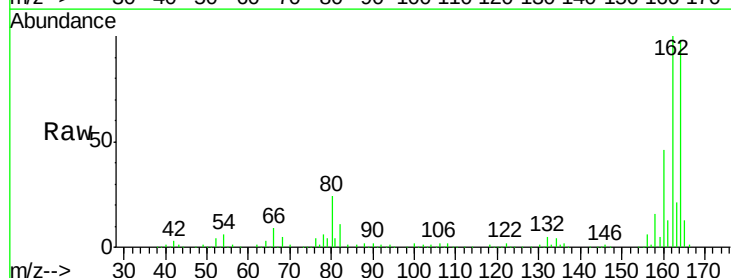


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

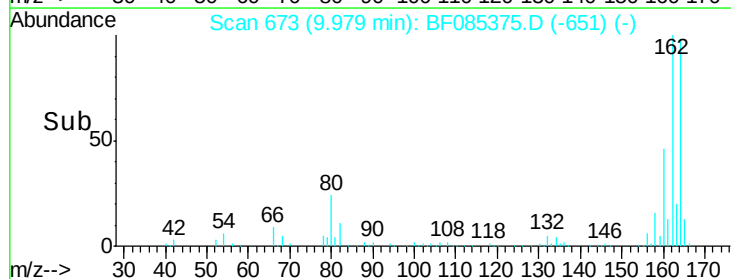
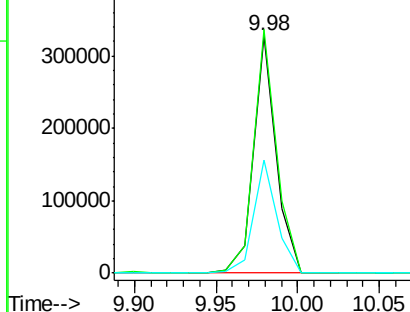


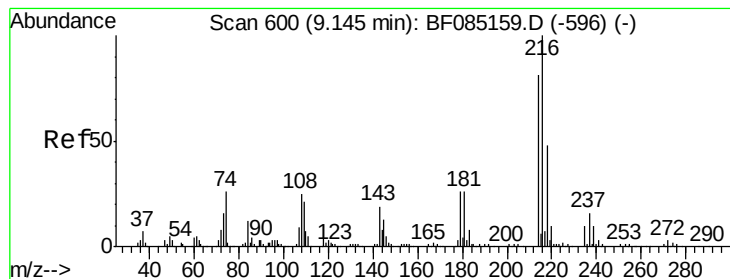
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.98 min Scan# 673
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	314444		
162	102.5	83.3	124.9	
160	47.5	37.9	56.9	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.13 ng

RT: 9.11 min Scan# 597

Delta R.T. -0.03 min

Lab File: BF085375.D

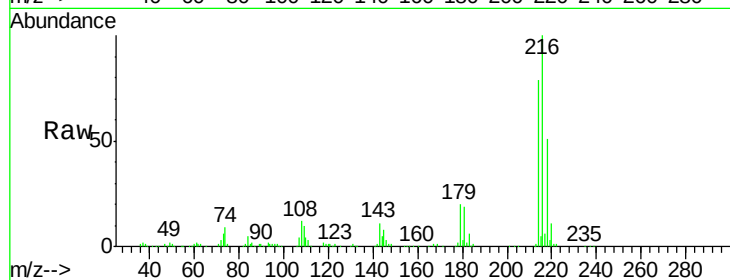
Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

PB88797BS



Tgt Ion: 216 Resp: 378854

Ion Ratio Lower Upper

216 100

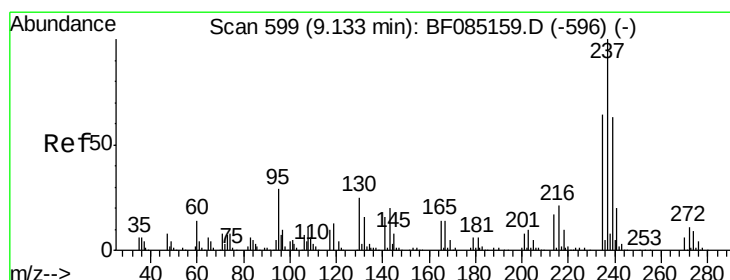
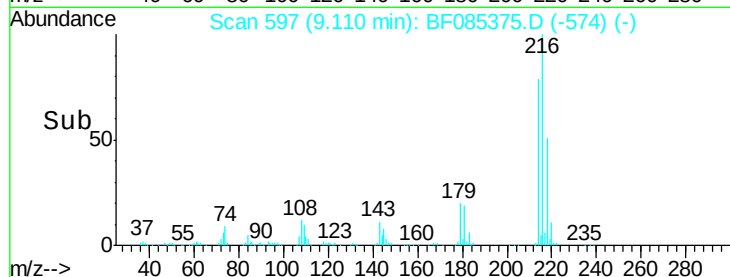
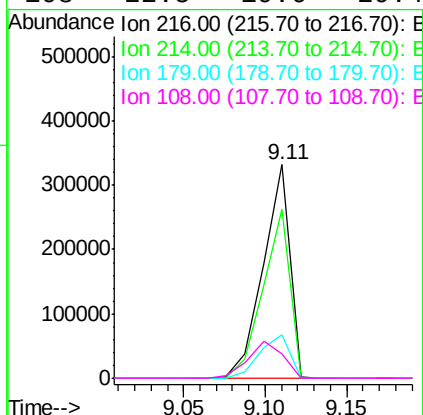
214 79.4 63.8 95.6

179 22.9 19.6 29.4

108 22.5 19.6 29.4

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#40

Hexachlorocyclopentadiene

Concen: 82.09 ng

RT: 9.10 min Scan# 596

Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

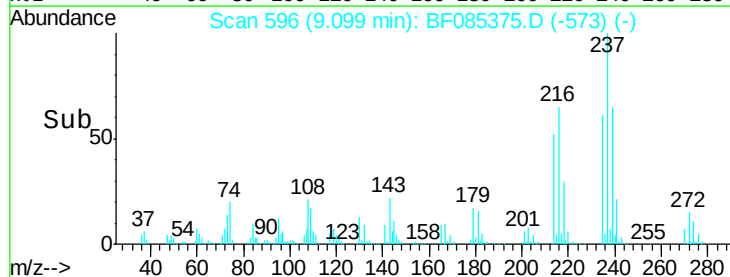
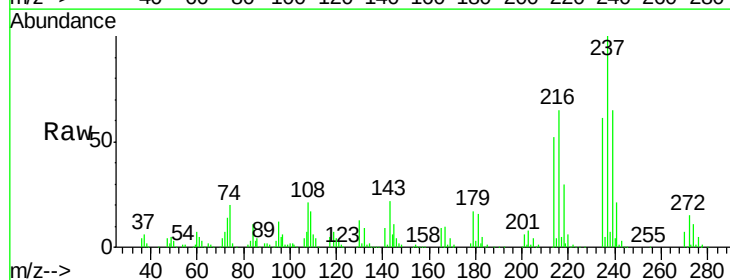
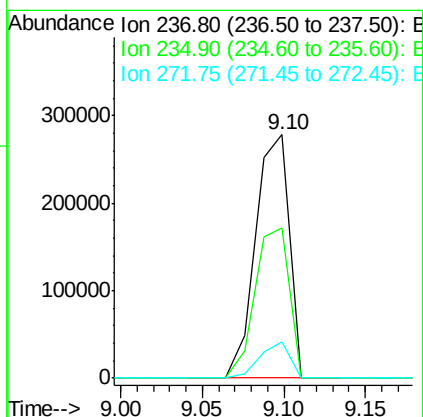
Tgt Ion: 237 Resp: 398150

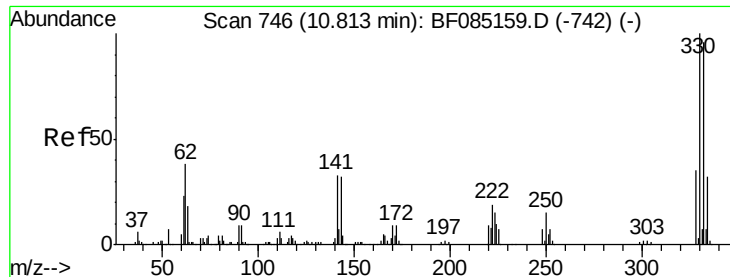
Ion Ratio Lower Upper

237 100

235 61.4 43.7 83.7

272 14.7 0.0 31.5





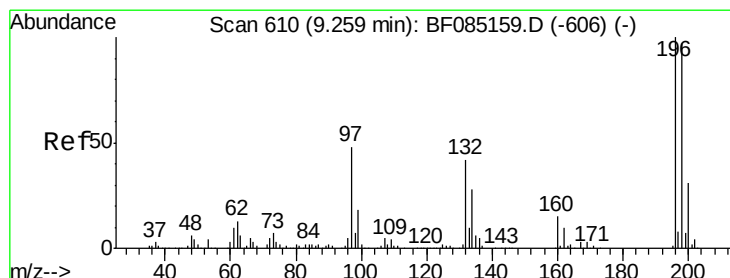
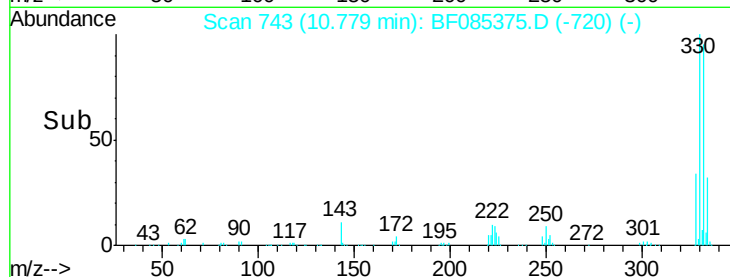
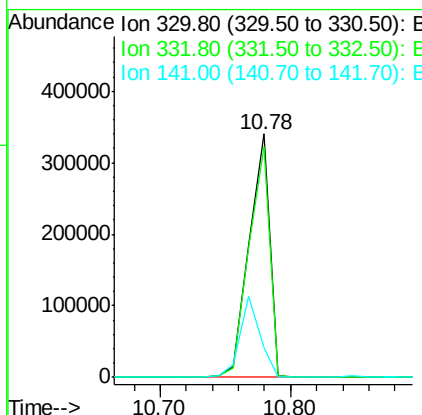
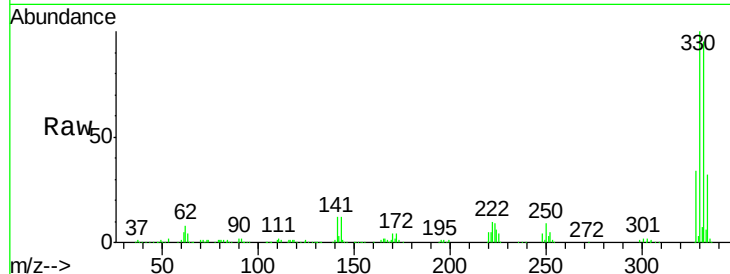
#41
 2,4,6-Tribromophenol
 Concen: 139.20 ng
 RT: 10.78 min Scan# 743
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	374522		
332	96.0	77.1	115.7	
141	32.3	35.0	52.6#	

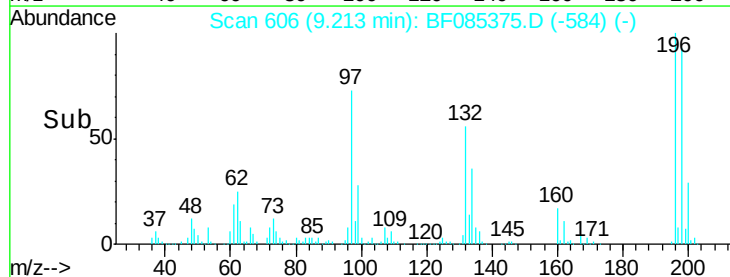
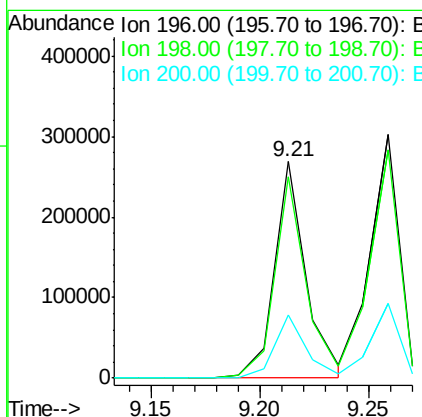
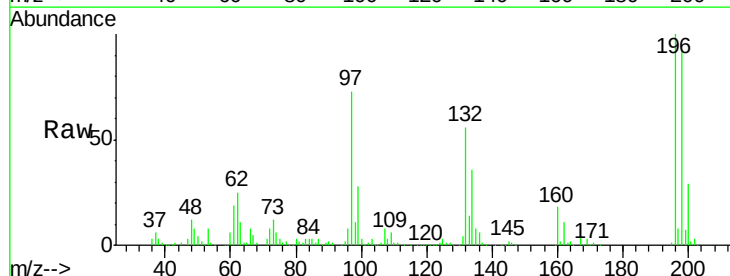
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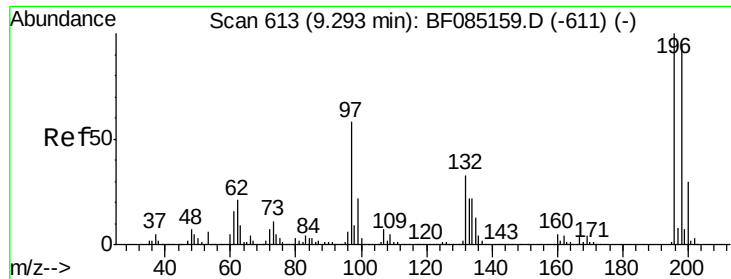
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#42
 2,4,6-Trichlorophenol
 Concen: 40.72 ng
 RT: 9.21 min Scan# 606
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

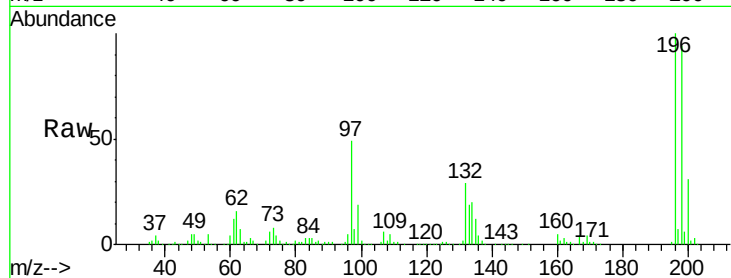
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	272565		
198	93.2	77.8	116.6	
200	29.1	25.0	37.6	





#43
 2,4,5-Trichlorophenol
 Concen: 44.71 ng
 RT: 9.26 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

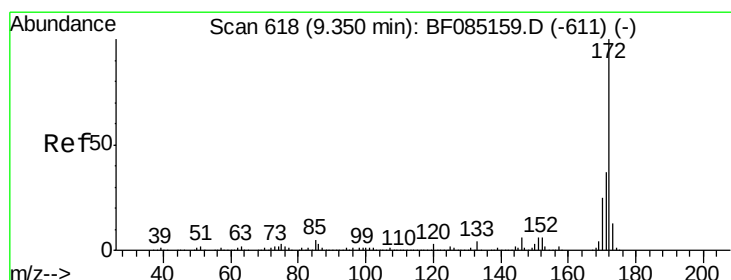
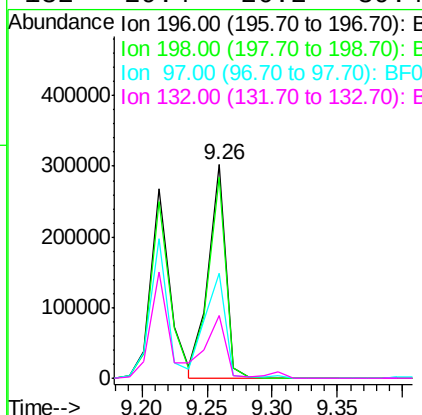
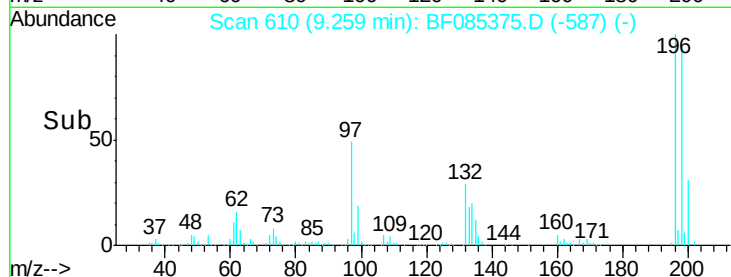
Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS



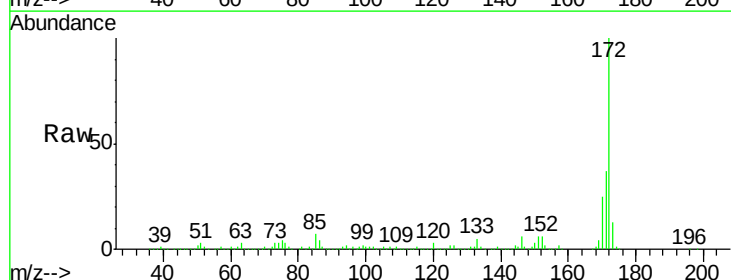
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	283752		
198	93.9	75.7	113.5	
97	49.0	46.4	69.6	
132	29.4	26.2	39.4	

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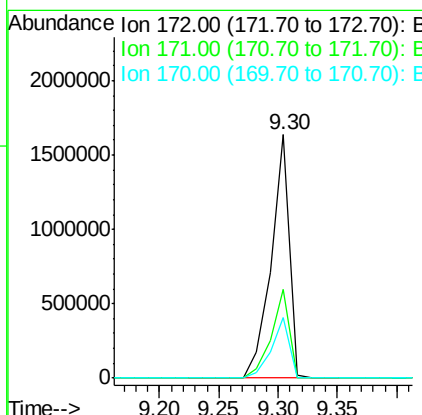
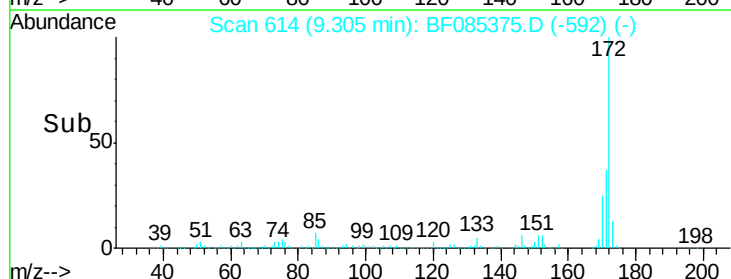
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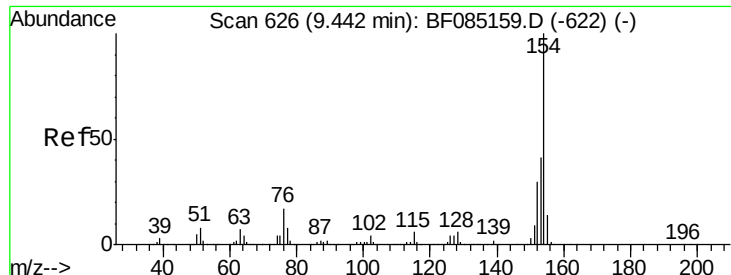


#44
 2-Fluorobiphenyl
 Concen: 84.48 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39



Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1746616		
171	36.7	29.3	43.9	
170	25.1	20.0	30.0	





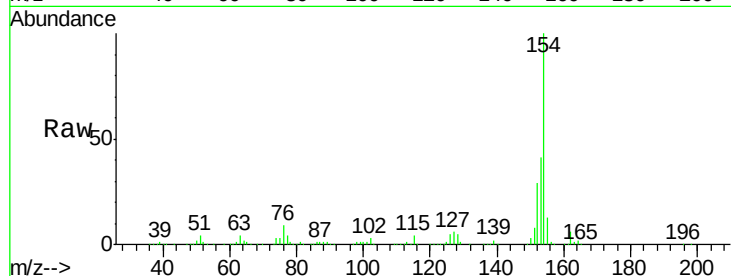
#45
1,1'-Biphenyl
Concen: 41.02 ng
RT: 9.41 min Scan# 623
Delta R.T. -0.03 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

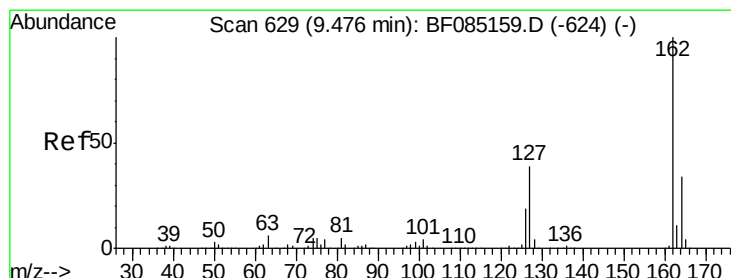
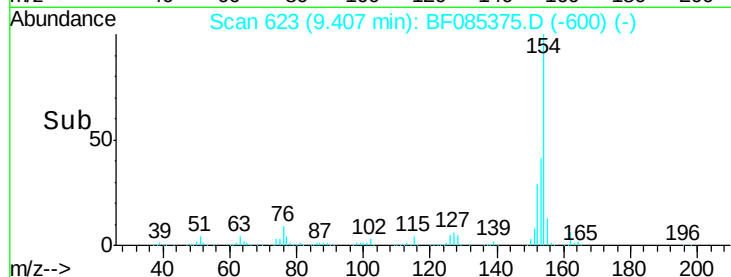
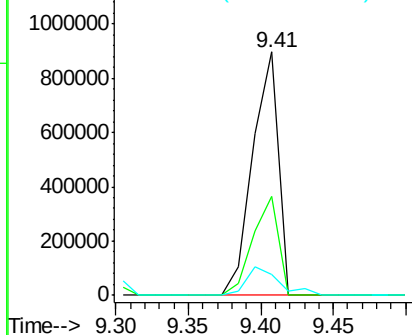
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.6	21.4	61.4
76	8.7	0.0	37.5

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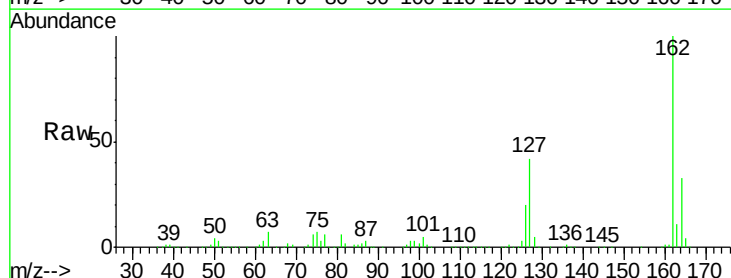


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

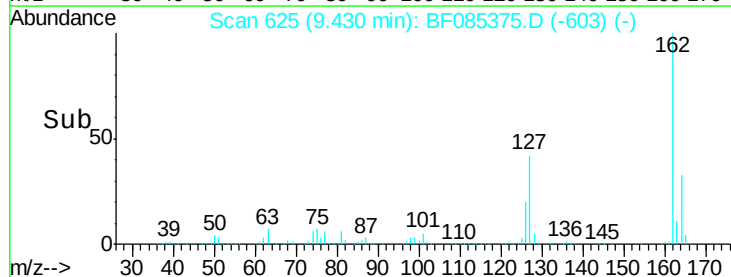
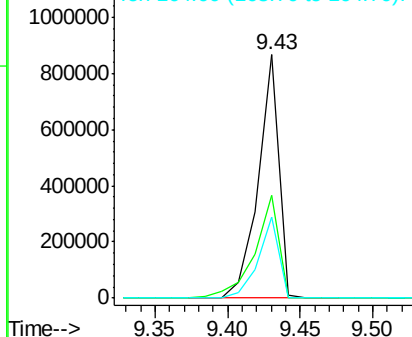


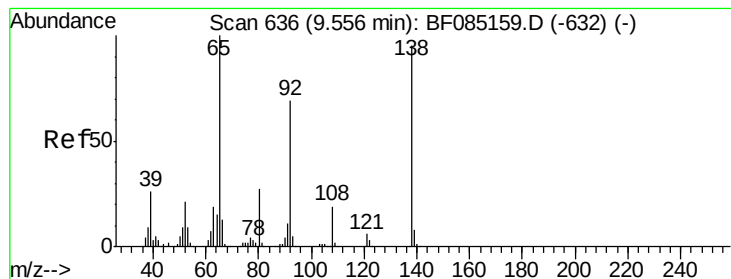
#46
2-Chloronaphthalene
Concen: 41.56 ng
RT: 9.43 min Scan# 625
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.4	31.6	47.4
164	33.3	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: 42.43 ng

RT: 9.52 min Scan# 633

Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

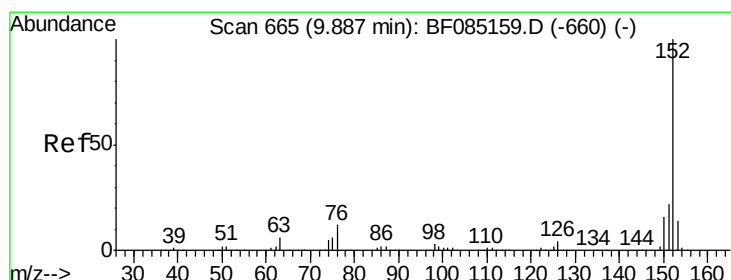
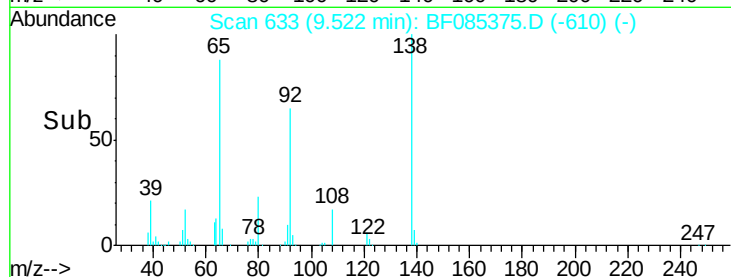
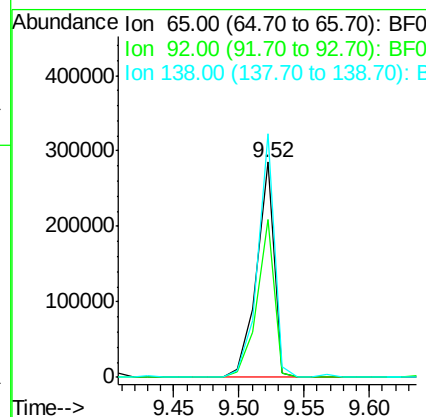
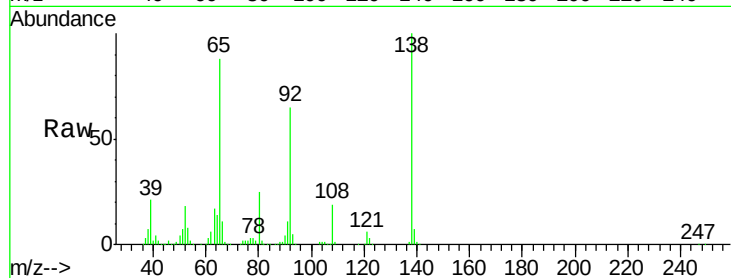
ClientSampleId :

PB88797BS

Tgt Ion:	65	Resp:	269211
Ion Ratio	Lower	Upper	
65	100		
92	73.5	55.4	83.2
138	113.3	75.7	113.5

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#48

Acenaphthylene

Concen: 38.49 ng

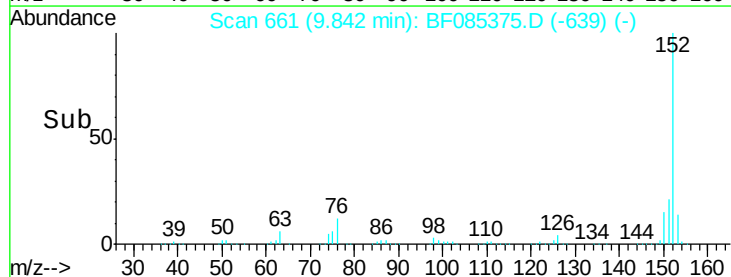
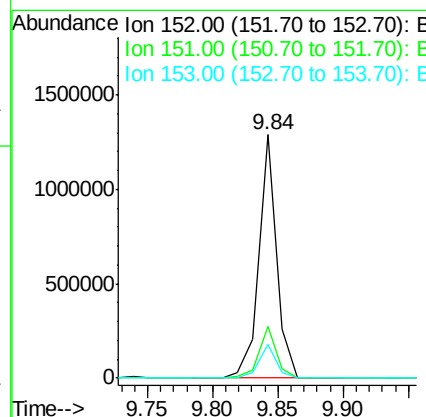
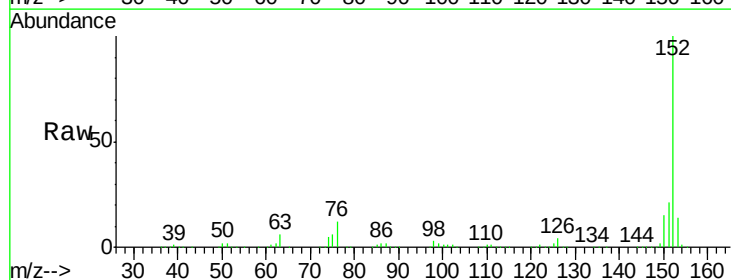
RT: 9.84 min Scan# 661

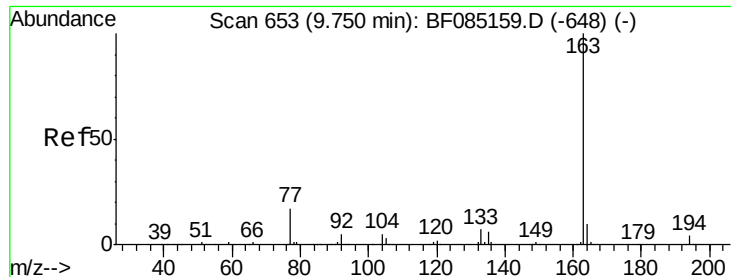
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	152	Resp:	1226808
Ion Ratio	Lower	Upper	
152	100		
151	21.2	17.5	26.3
153	13.9	11.3	16.9





#49

Dimethylphthalate

Concen: 38.68 ng

RT: 9.70 min Scan# 649

Delta R.T. -0.05 min

Lab File: BF085375.D

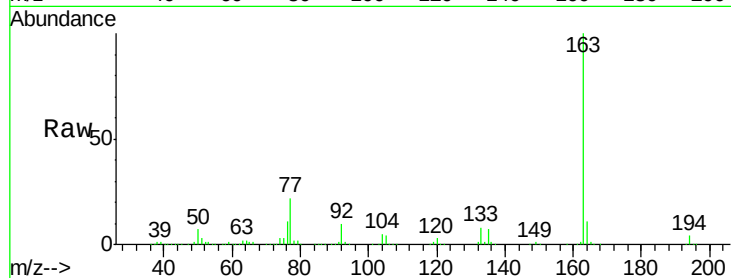
Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

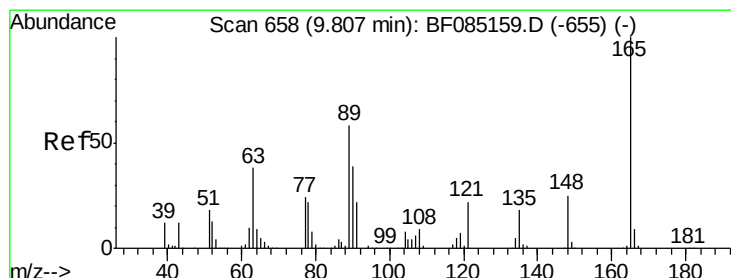
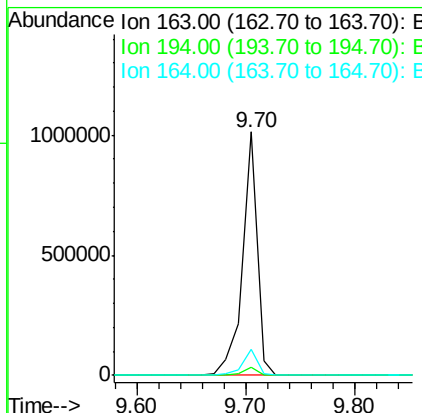
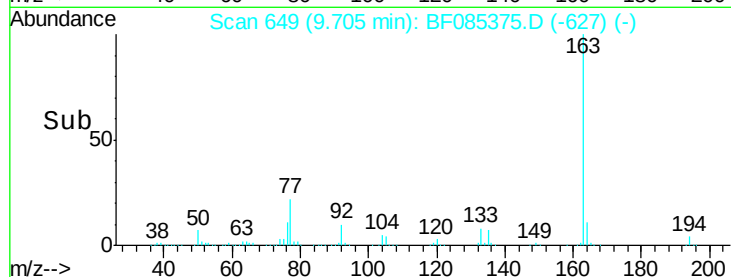
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Tgt Ion:	163	Resp:	933666
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.6	8.2	12.4

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#50

2,6-Dinitrotoluene

Concen: 37.15 ng

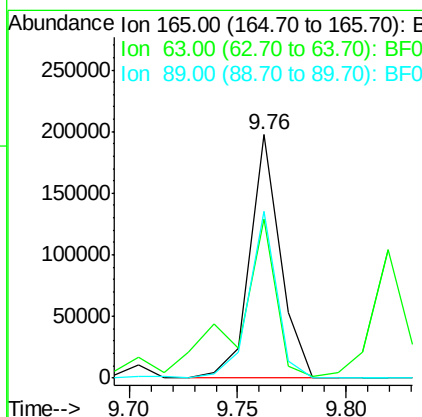
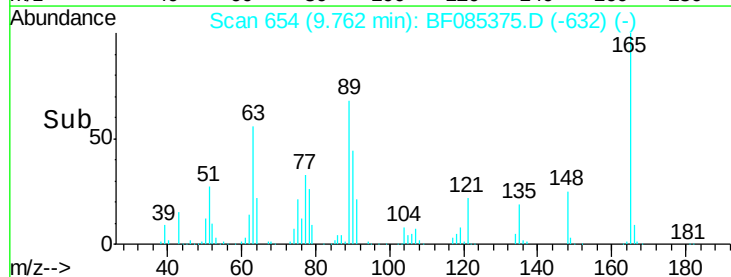
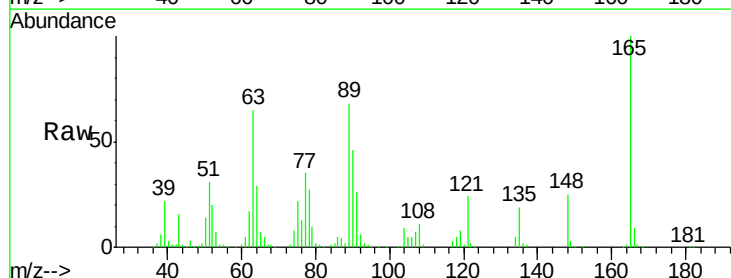
RT: 9.76 min Scan# 654

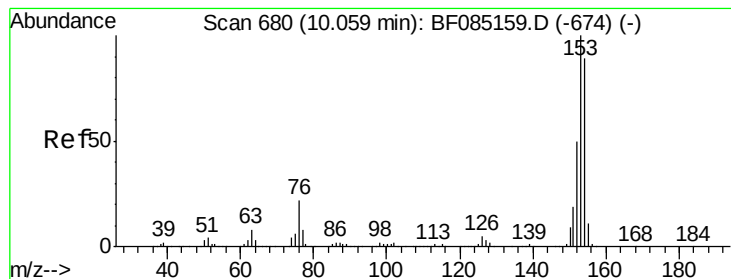
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	165	Resp:	191835
Ion Ratio	Lower	Upper	
165	100		
63	65.1	41.8	62.8#
89	68.5	46.7	70.1





#51

Acenaphthene

Concen: 42.88 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.05 min

Lab File: BF085375.D

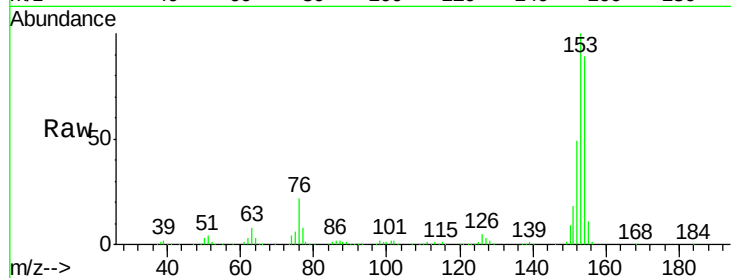
Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampled :

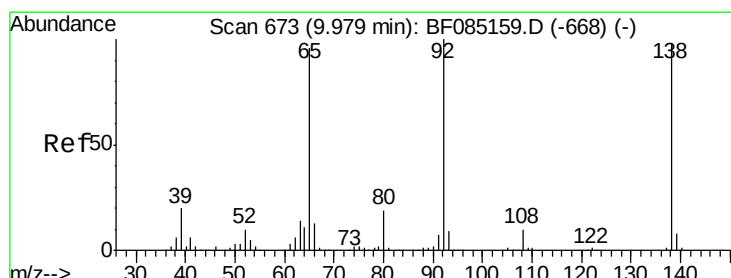
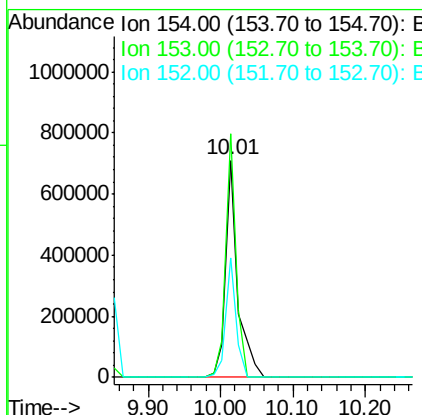
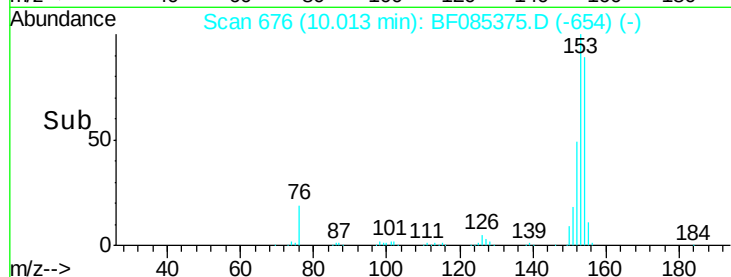
PB88797BS



Tgt Ion:	154	Resp:	829837
Ion Ratio	Lower	Upper	
154	100		
153	112.0	89.8	134.8
152	55.0	44.6	66.8

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#52

3-Nitroaniline

Concen: 17.40 ng

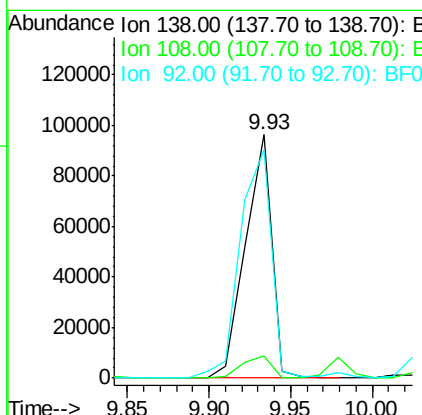
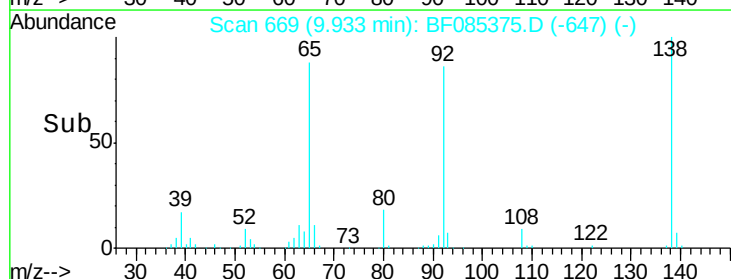
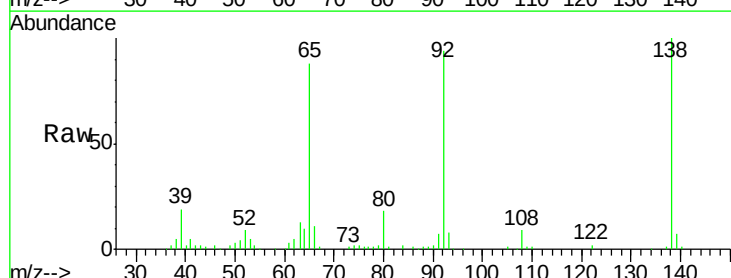
RT: 9.93 min Scan# 669

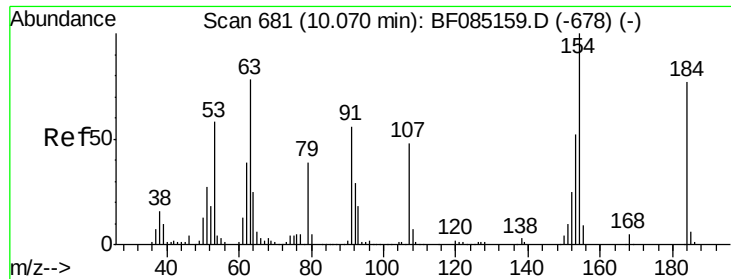
Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	138	Resp:	107458
Ion Ratio	Lower	Upper	
138	100		
108	9.2	7.8	11.6
92	93.6	81.3	121.9





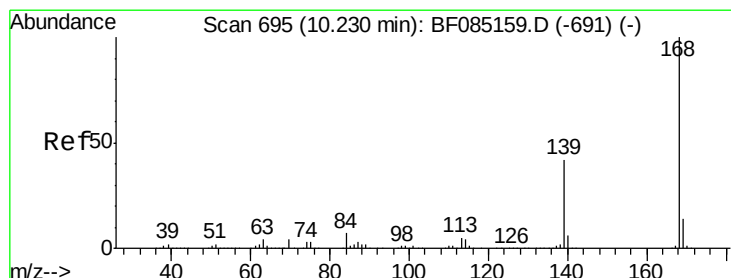
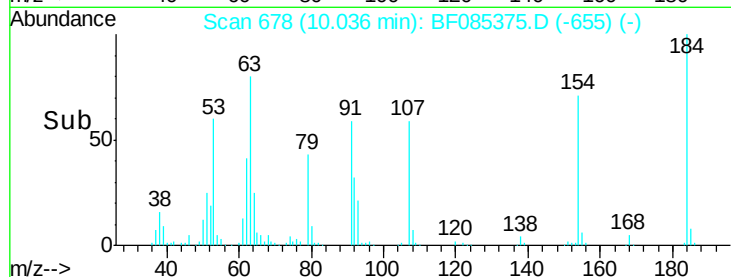
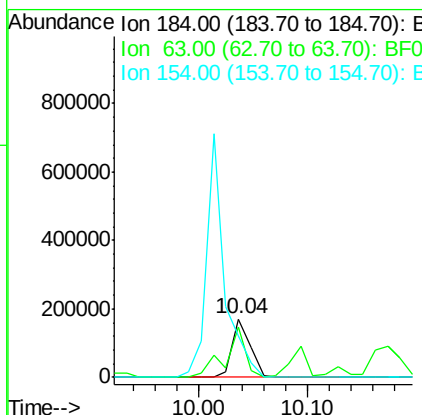
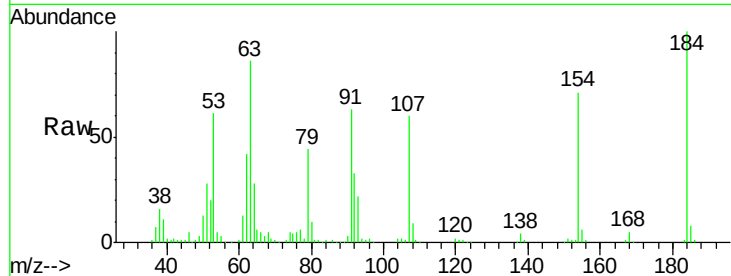
#53
 2,4-Dinitrophenol
 Concen: 74.37 ng
 RT: 10.04 min Scan# 678
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	193227		
63	85.6	82.2	123.4	
154	70.7	108.9	163.3#	

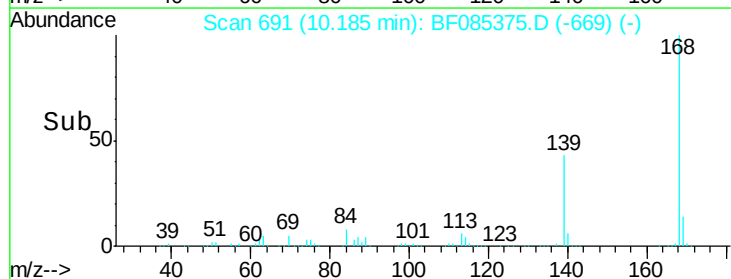
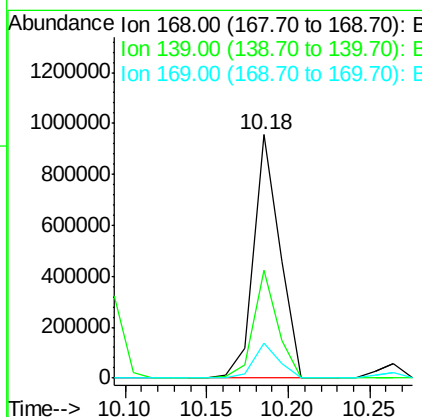
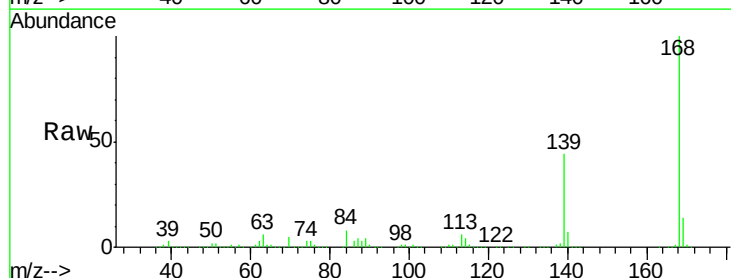
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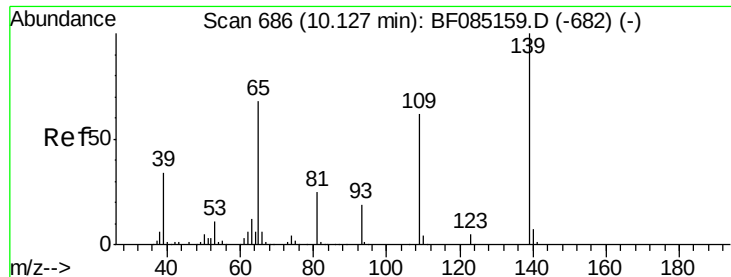
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#54
 Dibenzofuran
 Concen: 41.75 ng
 RT: 10.18 min Scan# 691
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1058369		
139	44.2	33.6	50.4	
169	14.2	11.2	16.8	





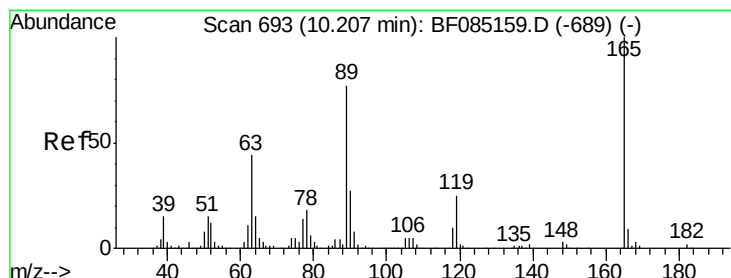
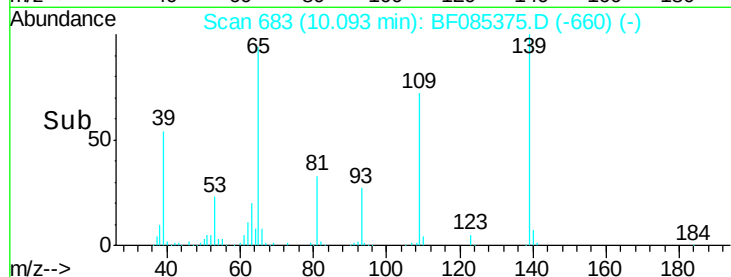
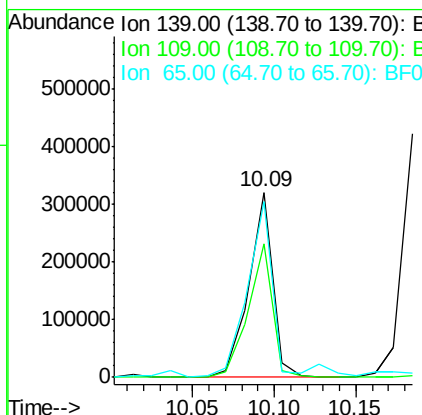
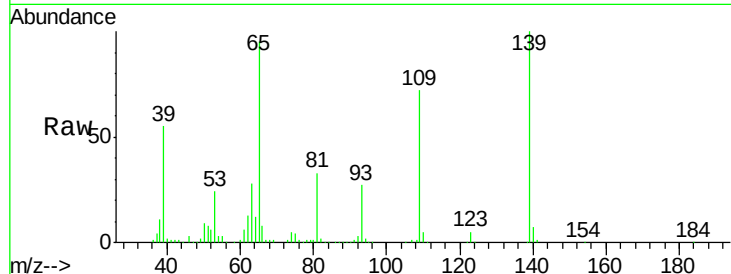
#55
4-Nitrophenol
Concen: 67.36 ng
RT: 10.09 min Scan# 683
Delta R.T. -0.03 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	327014		
109	71.9	41.9	81.9	
65	94.7	48.3	88.3#	

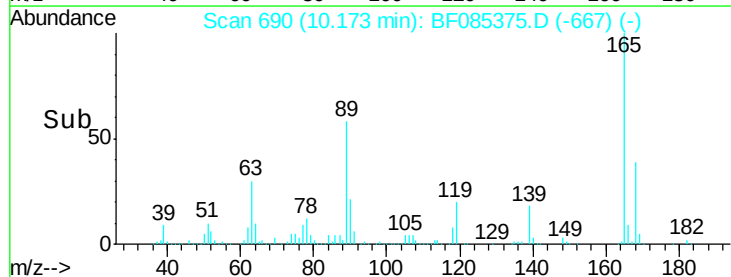
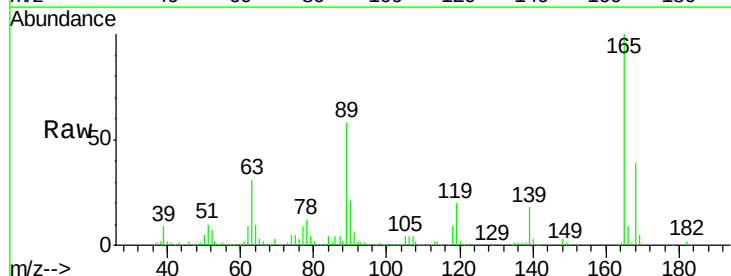
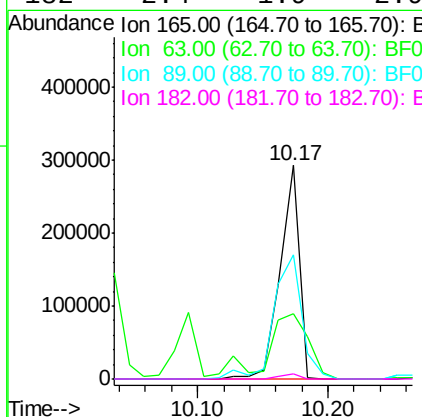
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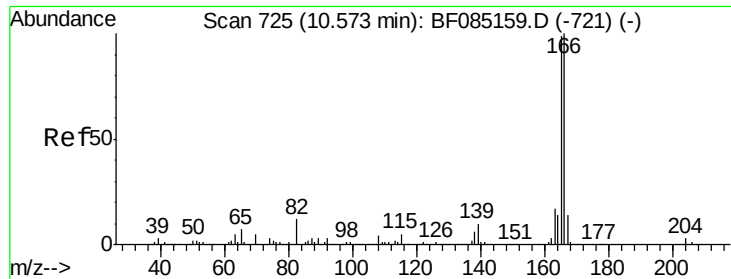
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#56
2,4-Dinitrotoluene
Concen: 45.81 ng
RT: 10.17 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	302683		
63	30.7	35.4	53.0#	
89	58.1	61.9	92.9#	
182	2.4	1.9	2.9	





#57

Fluorene

Concen: 38.79 ng

RT: 10.53 min Scan# 721

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

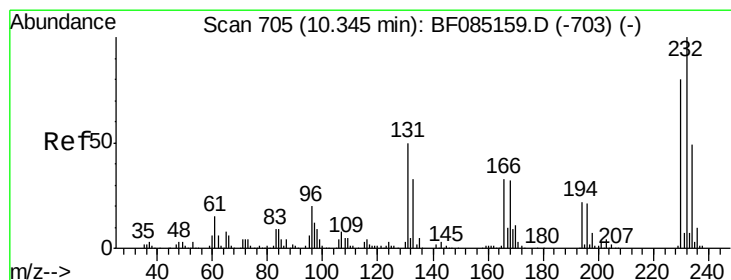
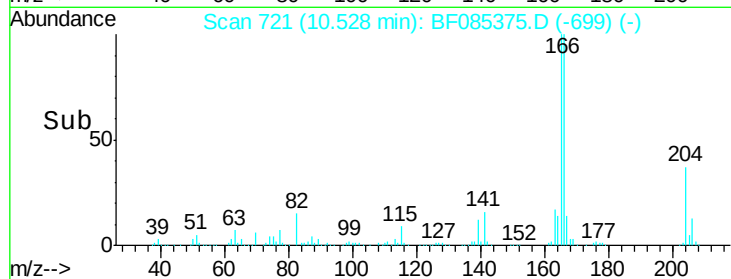
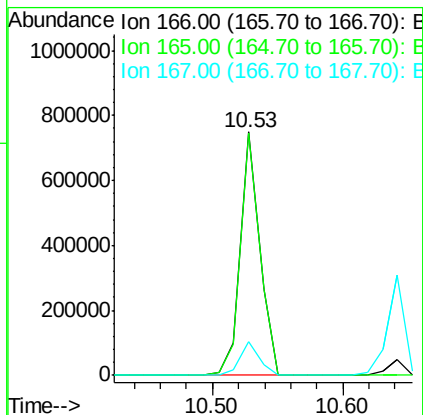
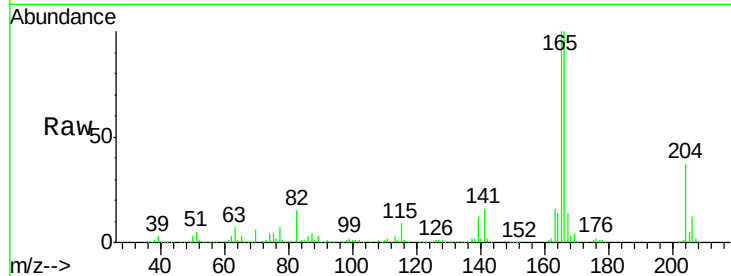
PB88797BS

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Tgt	Ion	Resp	Lower	Upper
166	100			
165	99.6	79.4	119.0	
167	13.9	11.0	16.6	



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.99 ng

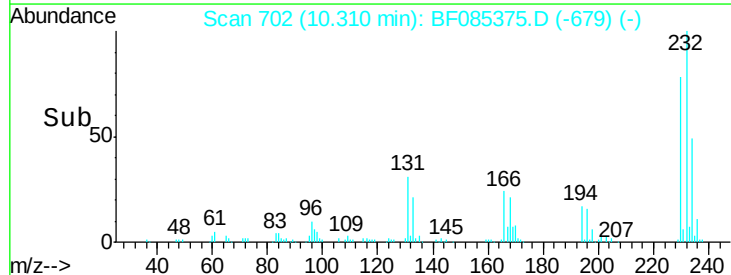
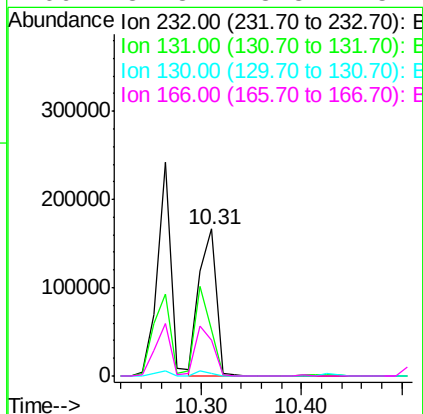
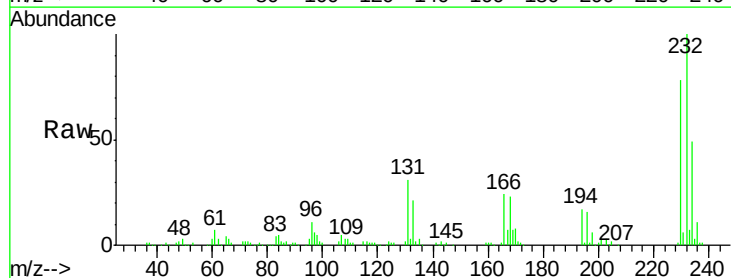
RT: 10.31 min Scan# 702

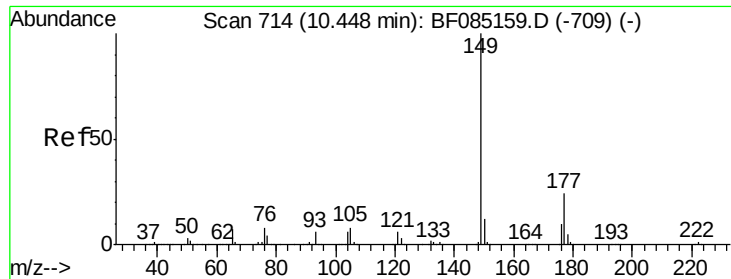
Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt	Ion	Resp	Lower	Upper
232	100			
131	55.8	46.0	69.0	
130	2.9	2.2	3.4	
166	34.8	28.8	43.2	





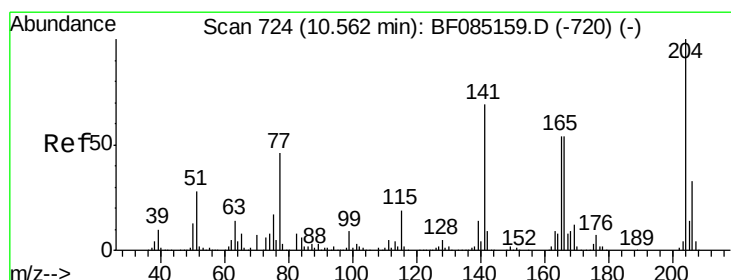
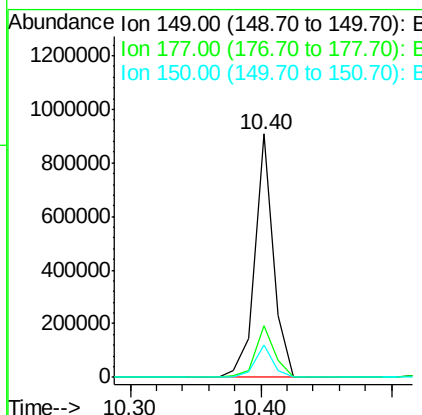
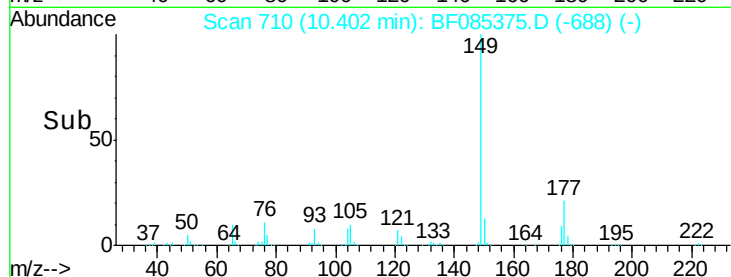
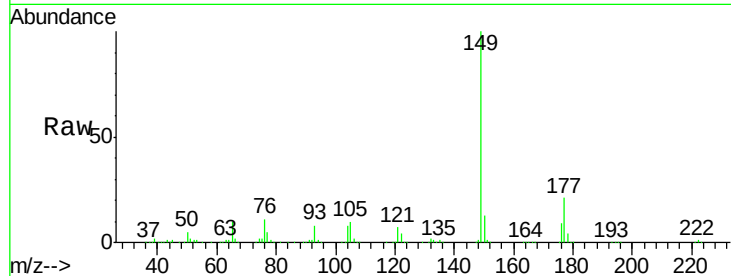
#59
Diethylphthalate
Concen: 38.44 ng
RT: 10.40 min Scan# 710
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.2	19.2	28.8
150	13.1	9.9	14.9

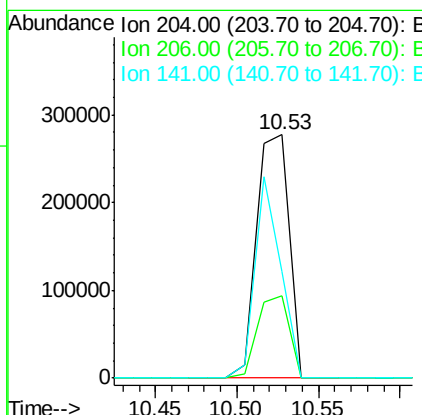
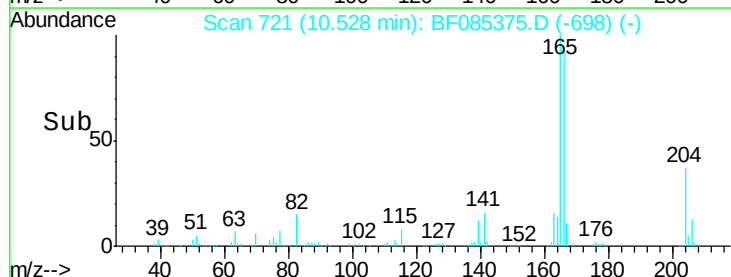
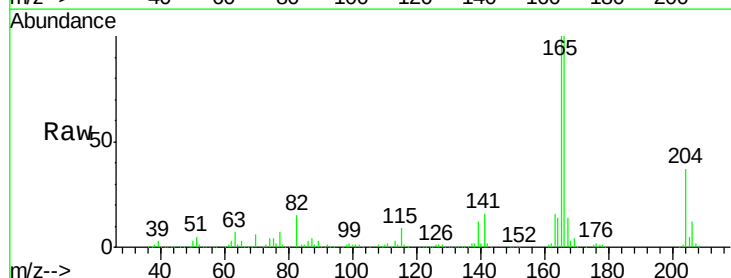
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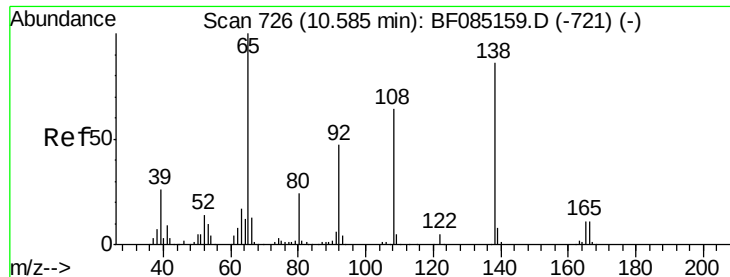
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#60
4-Chlorophenyl-phenylether
Concen: 39.75 ng
RT: 10.53 min Scan# 721
Delta R.T. -0.03 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	33.7	26.5	39.7
141	43.6	55.4	83.2#





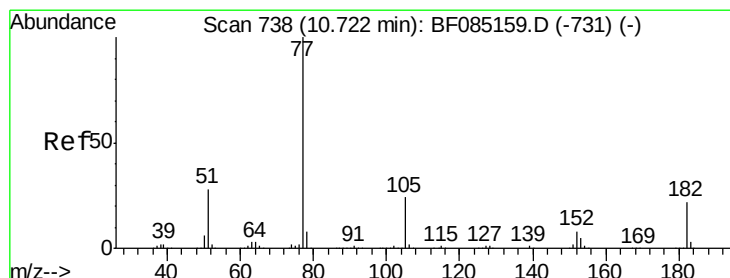
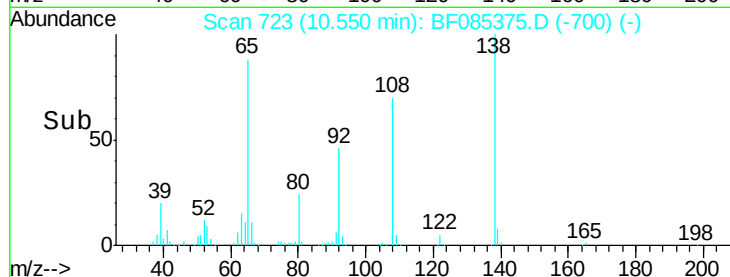
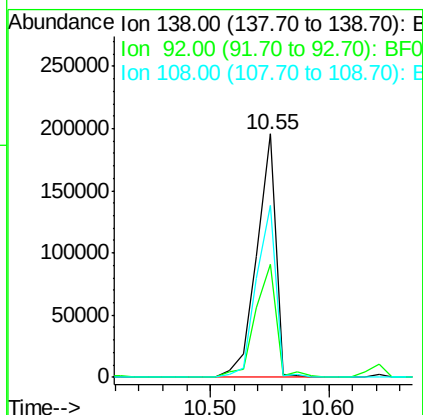
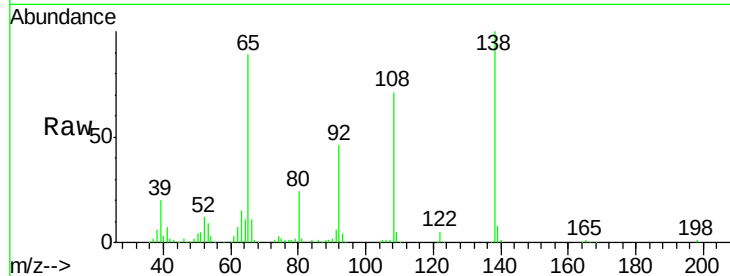
#61
4-Nitroaniline
Concen: 38.08 ng
RT: 10.55 min Scan# 723
Delta R.T. -0.03 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampled :
PB88797BS

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	220005		
92	46.4	34.2	74.2	
108	70.6	53.9	93.9	

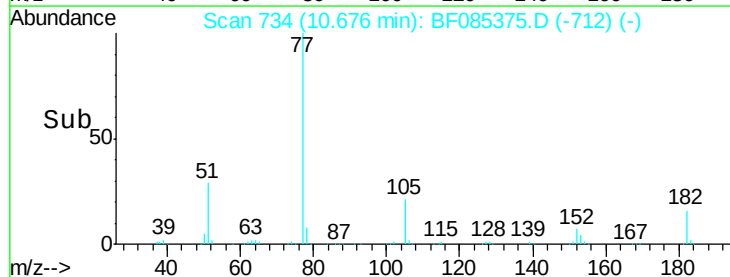
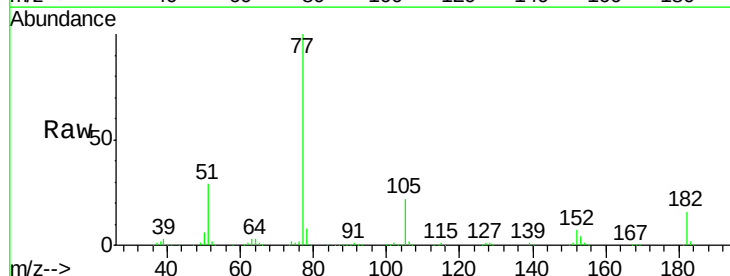
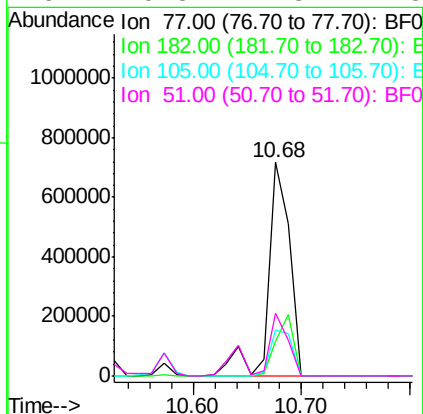
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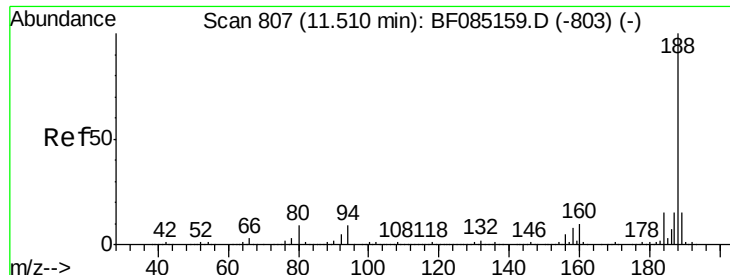
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#62
Azobenzene
Concen: 42.57 ng
RT: 10.68 min Scan# 734
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	982197		
182	16.3	2.1	42.1	
105	21.5	3.8	43.8	
51	29.3	7.8	47.8	





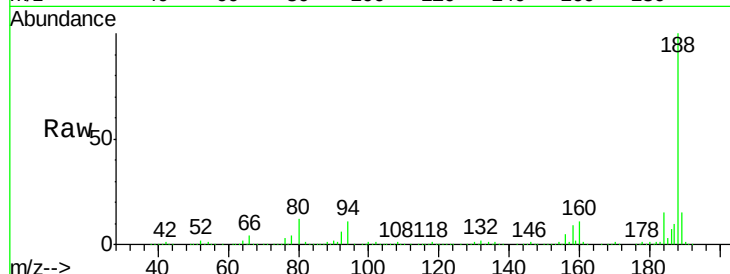
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.05 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

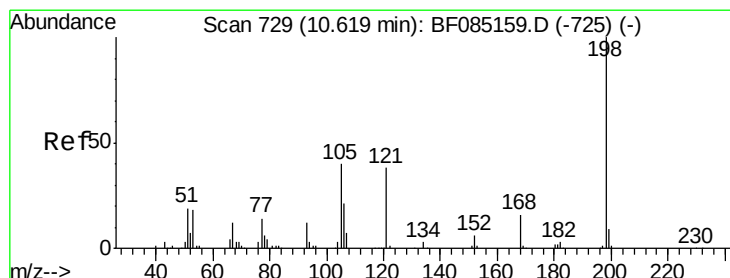
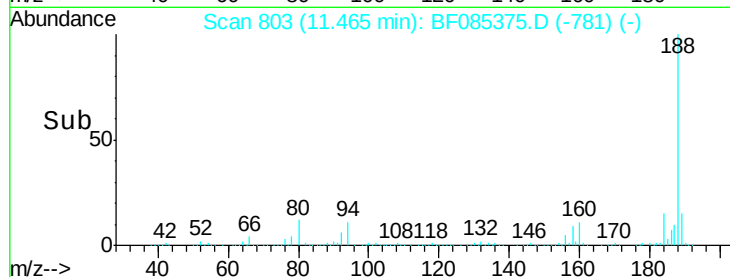
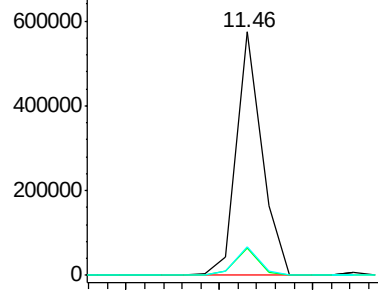
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.2	7.0	10.6#
80	11.9	7.4	11.0#

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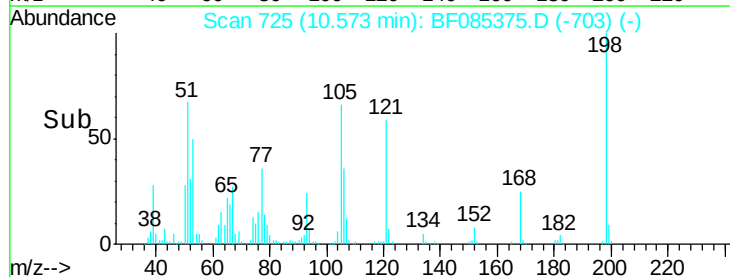
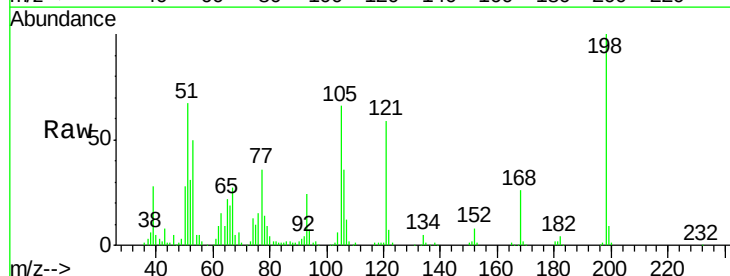
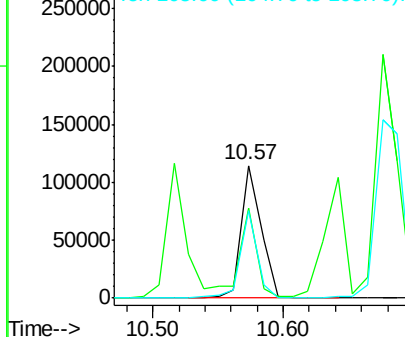
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

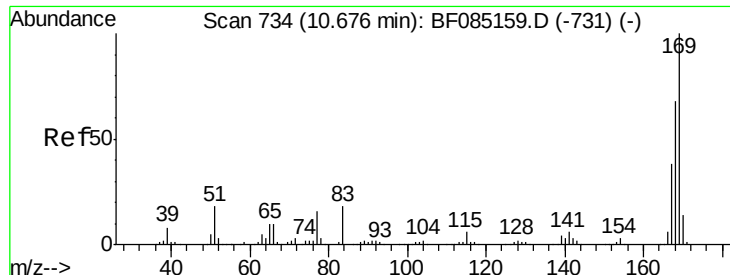


#64
4,6-Dinitro-2-methylphenol
Concen: 37.38 ng
RT: 10.57 min Scan# 725
Delta R.T. -0.04 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	67.4	9.5	49.5#
105	66.4	20.5	60.5#

Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





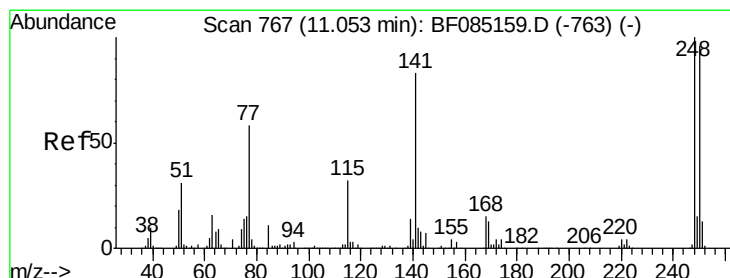
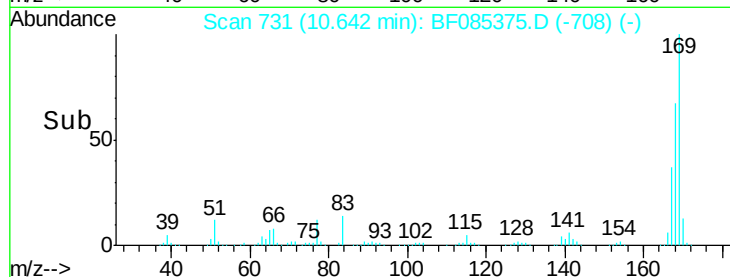
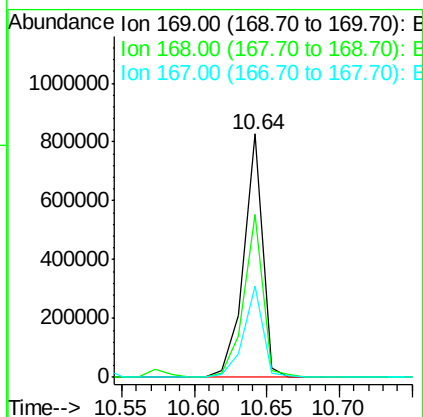
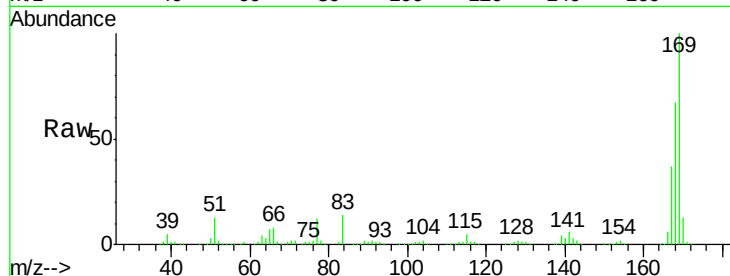
#65
 n-Nitrosodiphenylamine
 Concen: 44.95 ng
 RT: 10.64 min Scan# 731
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
169	100		
168	67.1	54.8	82.2
167	37.5	30.3	45.5

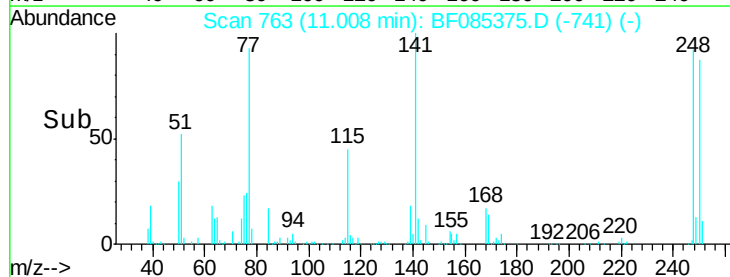
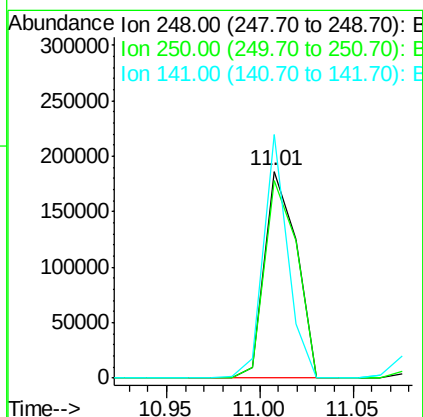
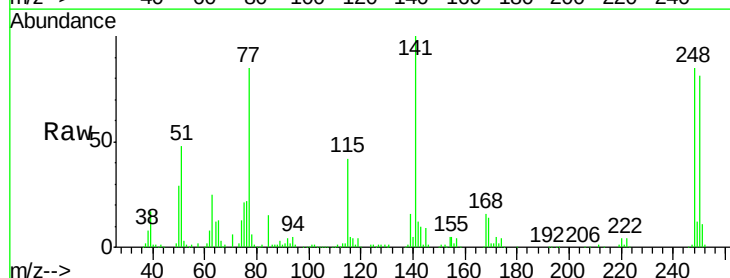
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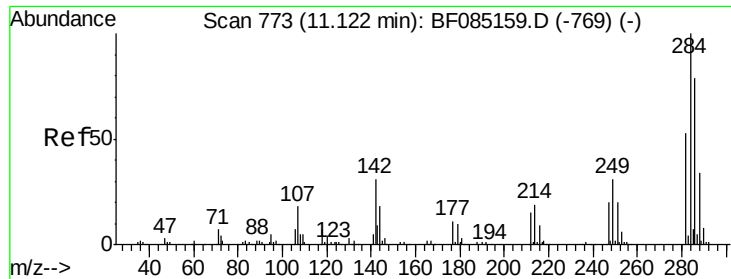
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#66
 4-Bromophenyl-phenylether
 Concen: 42.29 ng
 RT: 11.01 min Scan# 763
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	95.4	77.1	115.7
141	117.9	66.2	99.2#





#67

Hexachlorobenzene

Concen: 39.33 ng

RT: 11.08 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

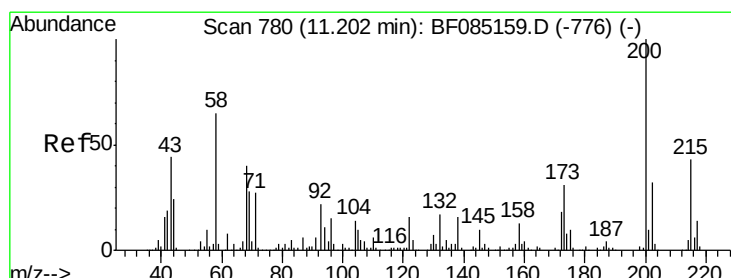
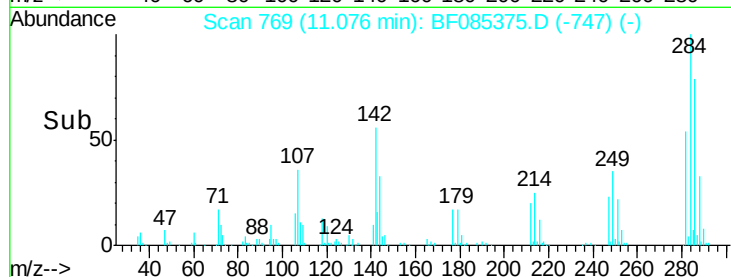
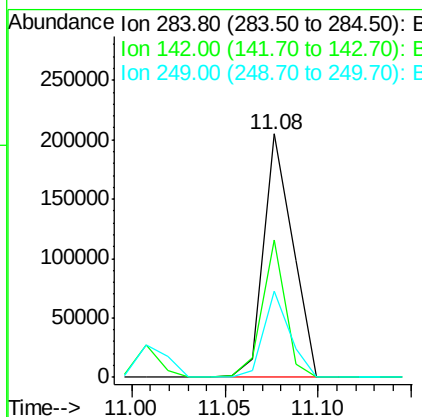
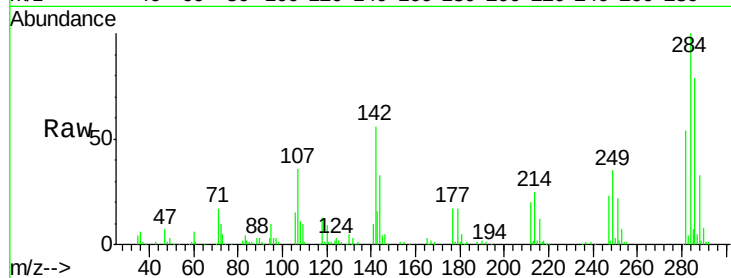
ClientSampleId :

PB88797BS

Tgt Ion:	284	Resp:	219833
Ion Ratio	Lower	Upper	
284	100		
142	56.3	24.9	37.3#
249	35.3	25.0	37.4

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#68

Atrazine

Concen: 50.62 ng

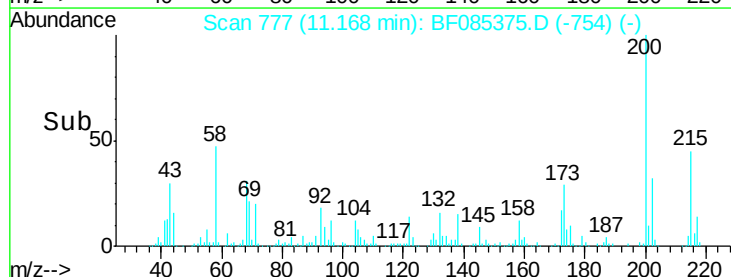
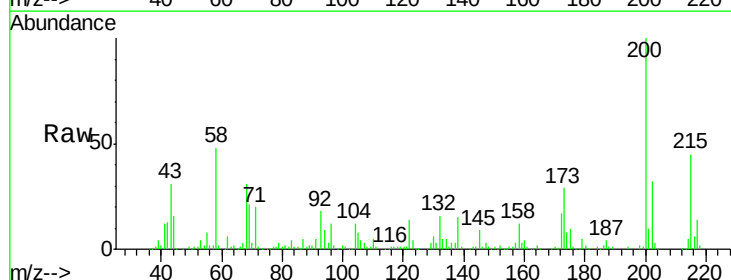
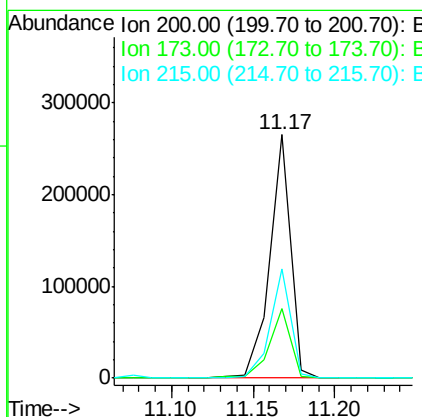
RT: 11.17 min Scan# 777

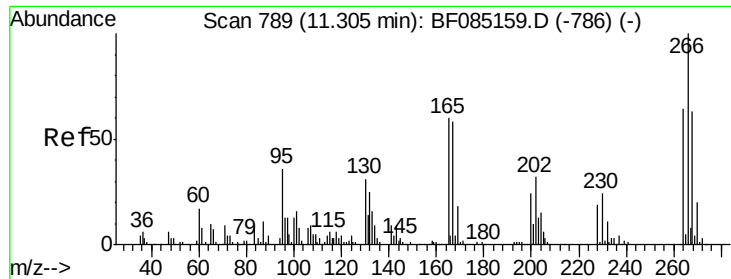
Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	200	Resp:	236268
Ion Ratio	Lower	Upper	
200	100		
173	28.5	10.5	50.5
215	44.7	23.4	63.4





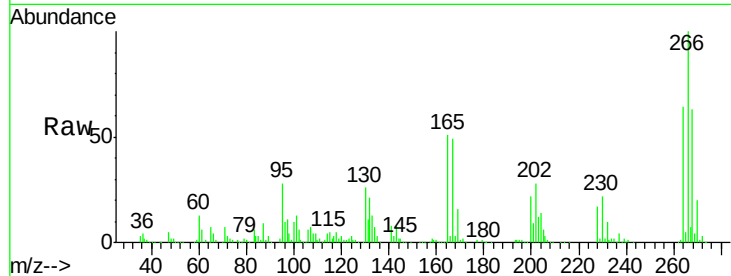
#69
 Pentachlorophenol
 Concen: 82.00 ng
 RT: 11.27 min Scan# 786
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

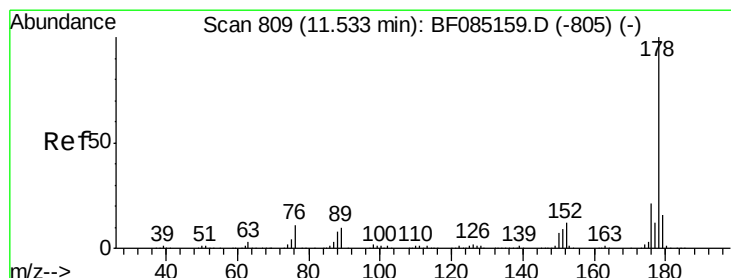
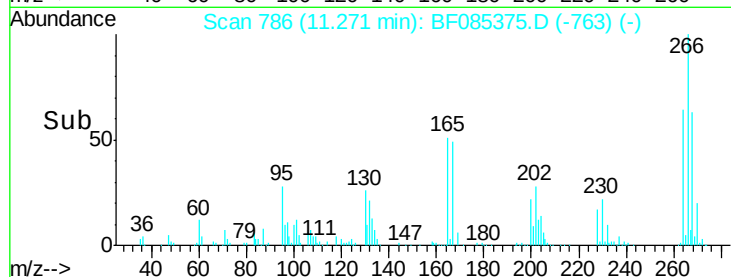
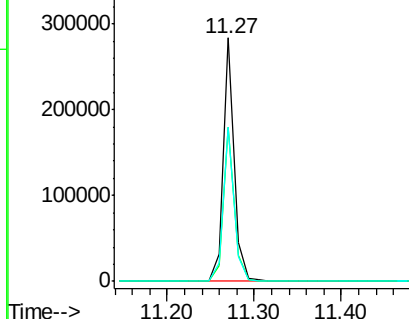
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	254427		
268	63.4	50.0	75.0	
264	63.5	51.4	77.2	

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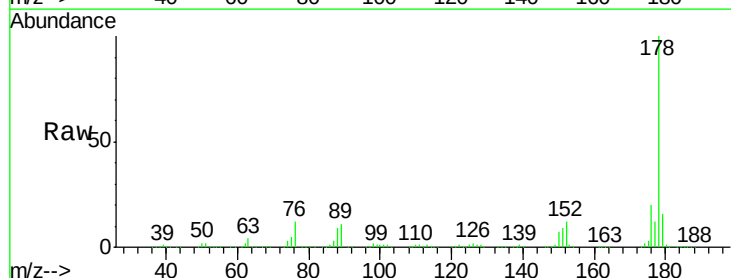


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

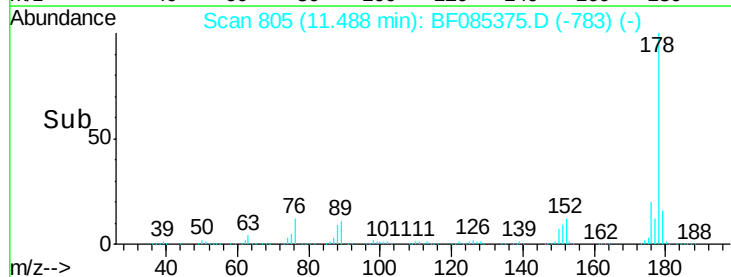
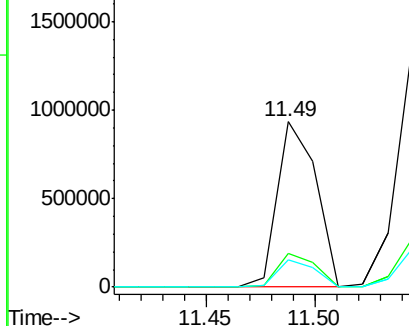


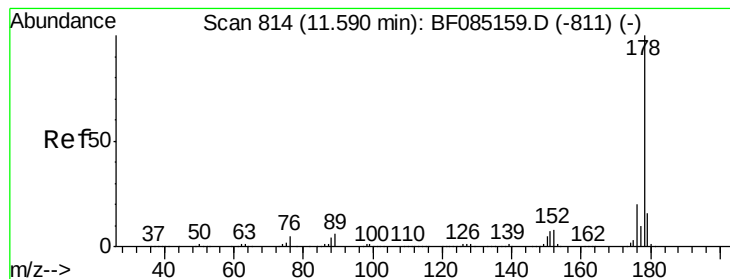
#70
 Phenanthrene
 Concen: 41.41 ng
 RT: 11.49 min Scan# 805
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1171178		
176	20.4	16.8	25.2	
179	16.4	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: 40.30 ng

RT: 11.54 min Scan# 810

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

PB88797BS

Tgt Ion:178 Resp: 1209874

Ion Ratio Lower Upper

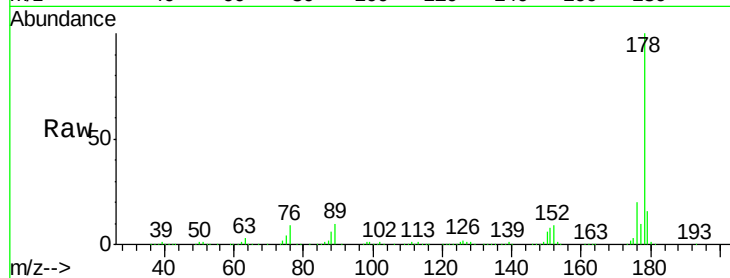
178 100

176 20.0 15.9 23.9

179 15.9 12.5 18.7

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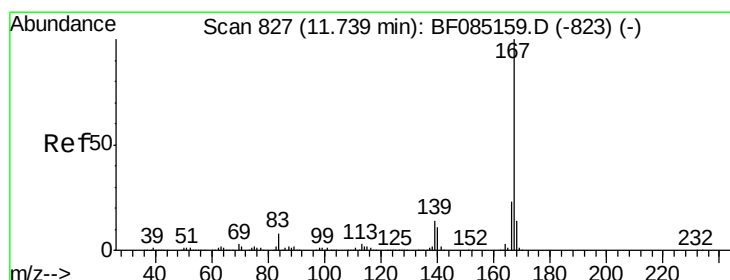
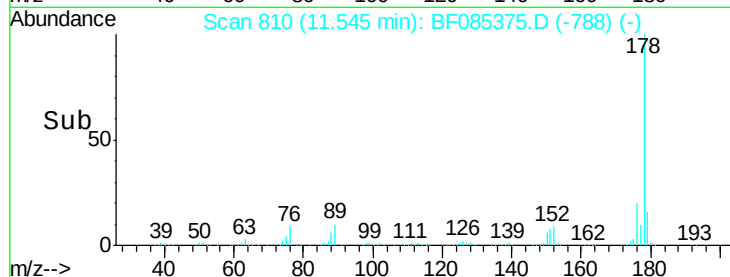
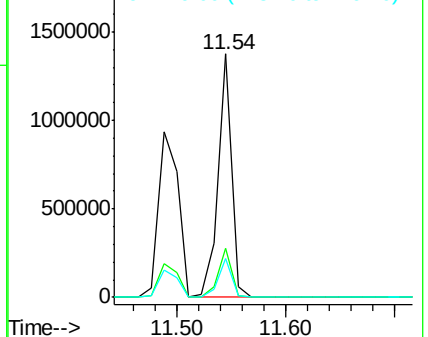
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 36.18 ng

RT: 11.69 min Scan# 823

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

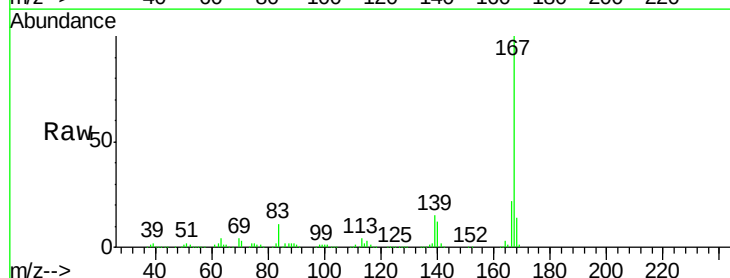
Tgt Ion:167 Resp: 952392

Ion Ratio Lower Upper

167 100

166 22.4 18.2 27.2

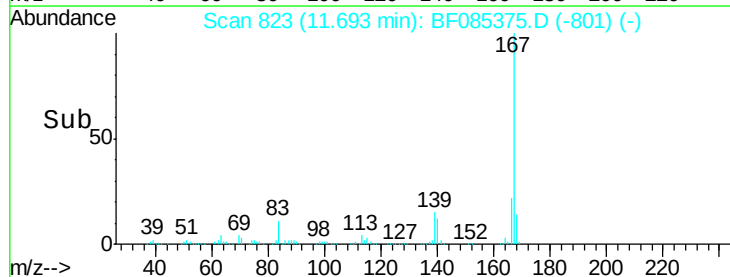
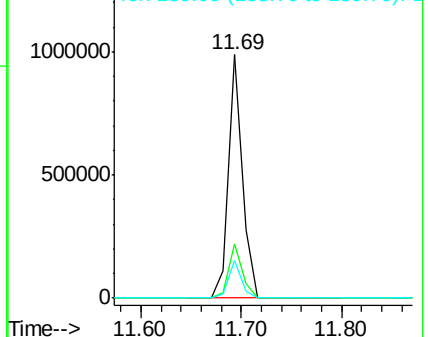
139 15.5 11.4 17.0

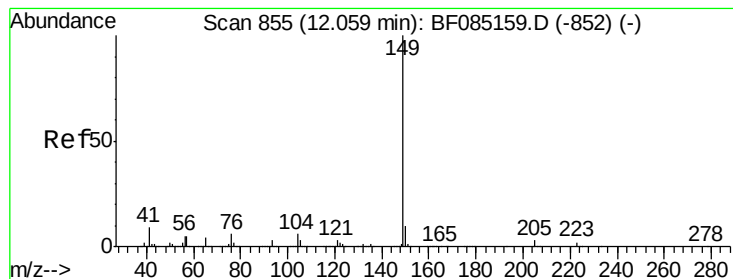


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 36.94 ng

RT: 12.02 min Scan# 852

Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

PB88797BS

Tgt Ion:149 Resp: 1229360

Ion Ratio Lower Upper

149 100

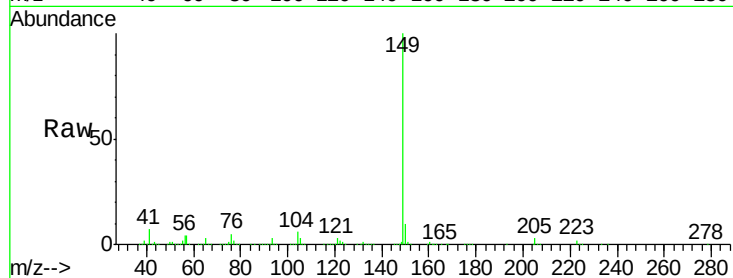
150 9.7 7.8 11.6

104 5.5 4.7 7.1

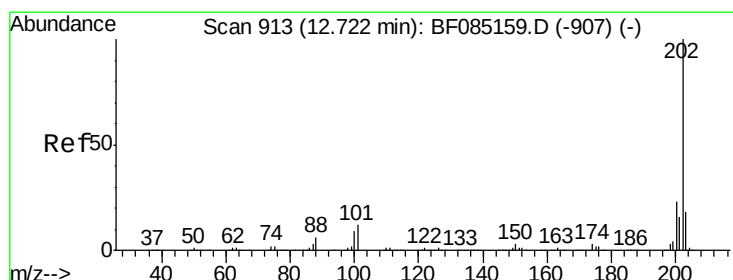
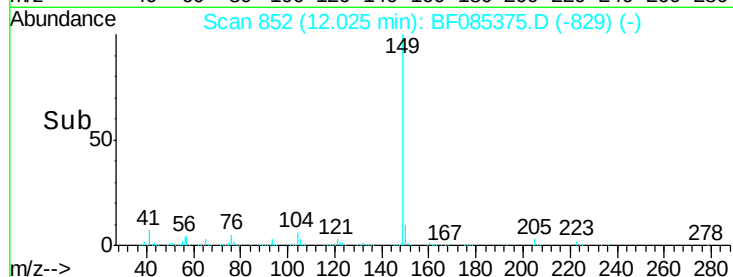
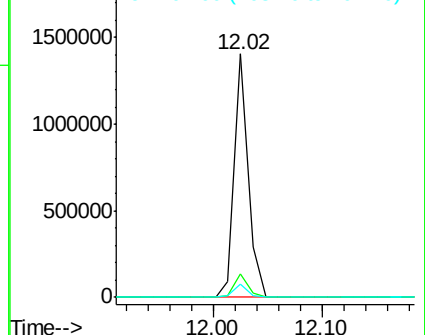
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 34.09 ng

RT: 12.68 min Scan# 909

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

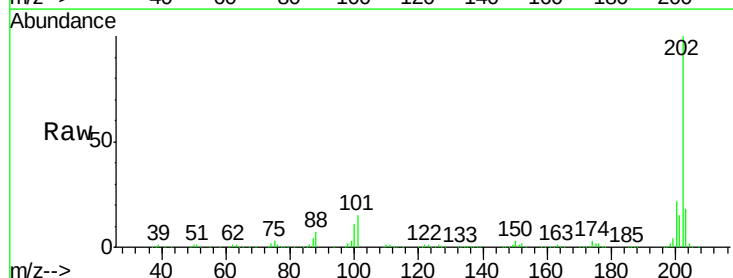
Tgt Ion:202 Resp: 967434

Ion Ratio Lower Upper

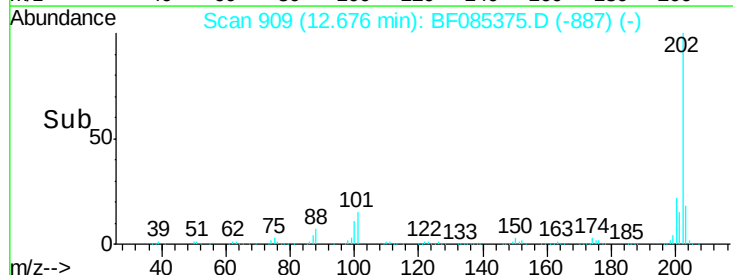
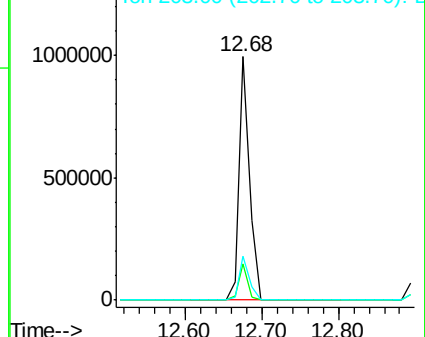
202 100

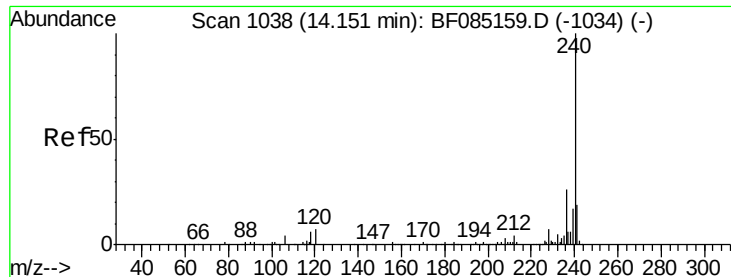
101 14.7 0.0 31.8

203 17.9 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.11 min Scan# 1034

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

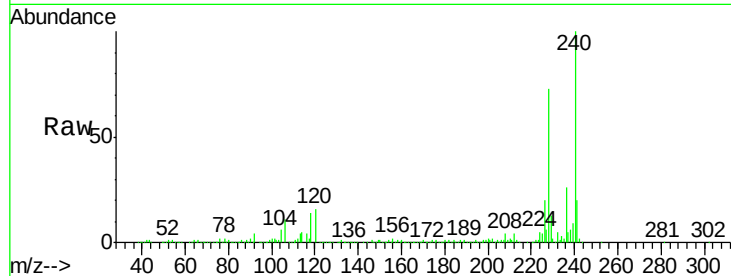
ClientSampleId :

PB88797BS

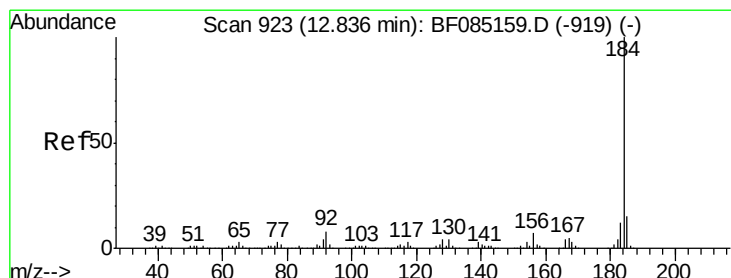
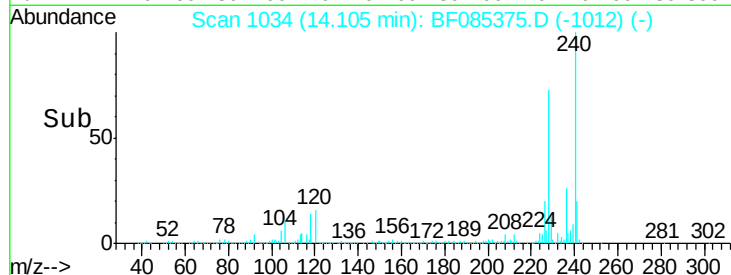
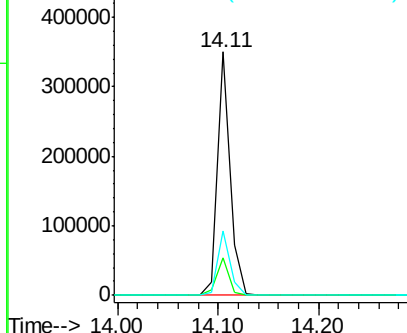
Tgt Ion:	240	Resp:	307617
Ion Ratio	Lower	Upper	
240	100		
120	15.6	5.3	7.9#
236	26.2	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 41.27 ng

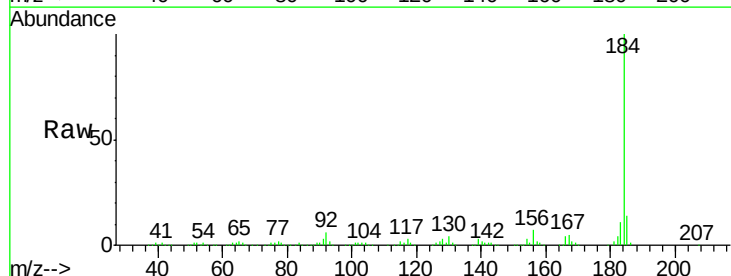
RT: 12.80 min Scan# 920

Delta R.T. -0.03 min

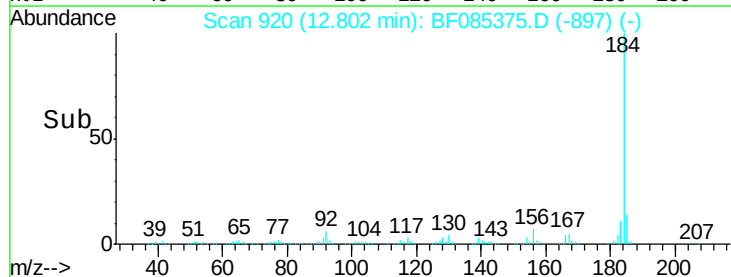
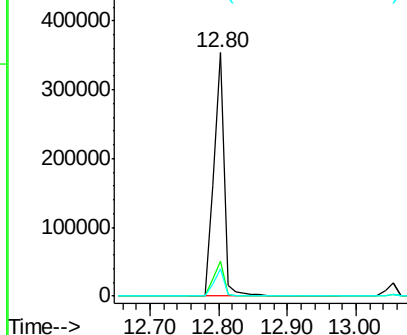
Lab File: BF085375.D

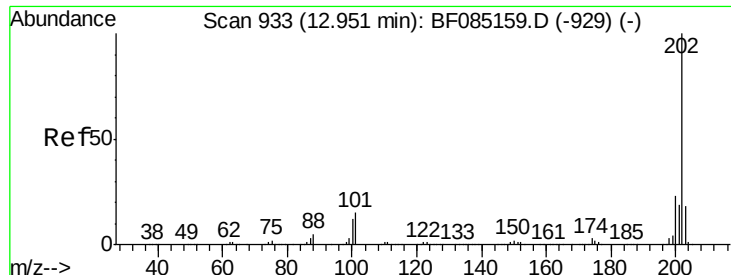
Acq: 11 Mar 2016 16:39

Tgt Ion:	184	Resp:	377876
Ion Ratio	Lower	Upper	
184	100		
185	14.5	12.4	18.6
183	11.2	9.4	14.2



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





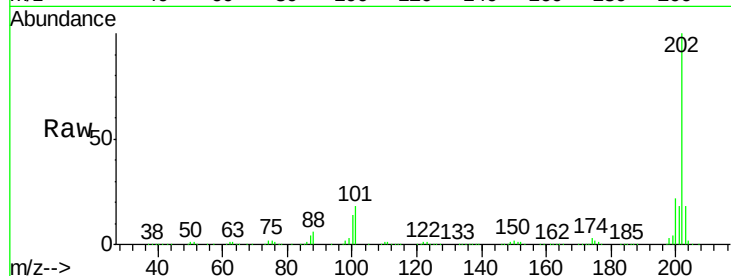
#77
 Pyrene
 Concen: 40.95 ng
 RT: 12.90 min Scan# 929
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

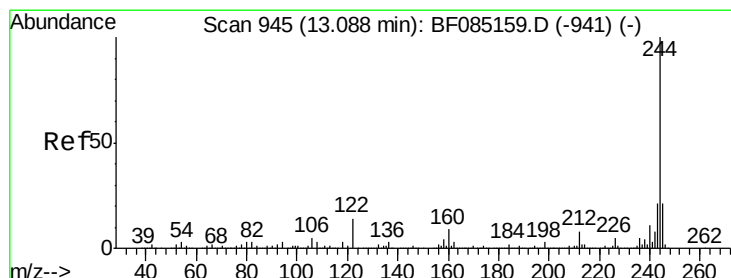
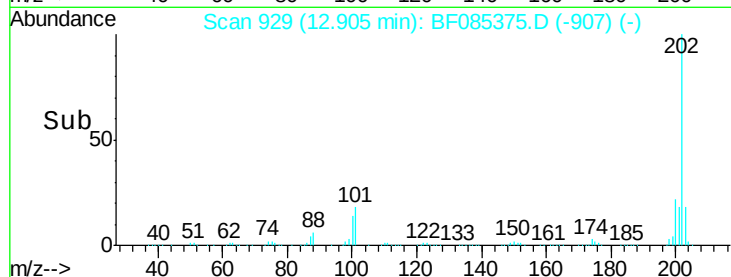
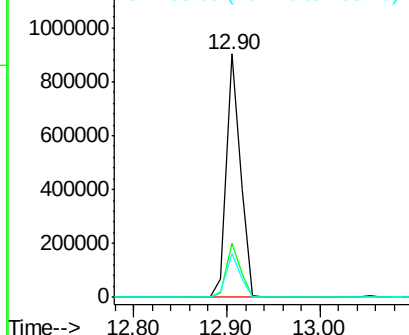
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	948037		
200	22.4		18.2	27.4
203	18.3		14.7	22.1

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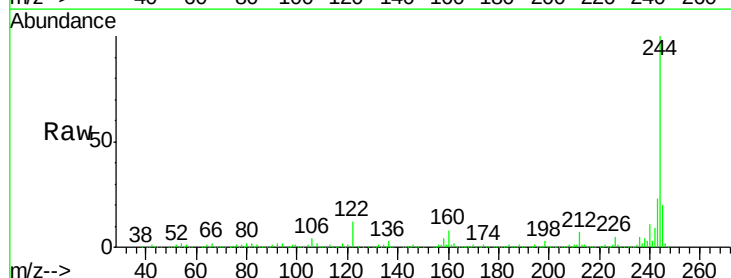


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

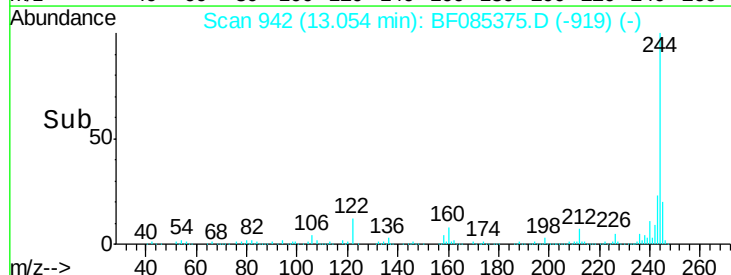
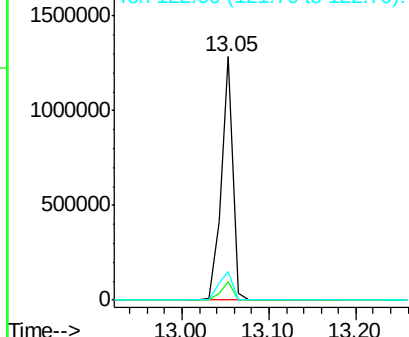


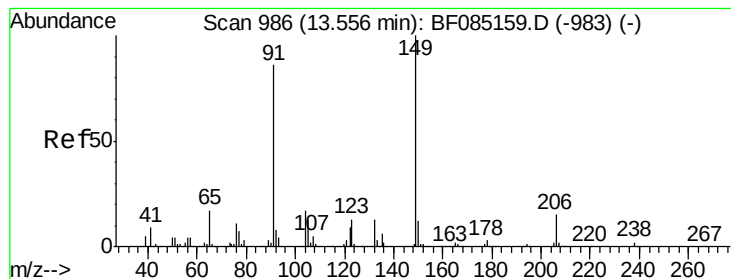
#78
 Terphenyl-d14
 Concen: 90.93 ng
 RT: 13.05 min Scan# 942
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1204960		
212	7.4		6.4	9.6
122	11.5		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: 40.51 ng

RT: 13.52 min Scan# 983

Delta R.T. -0.03 min

Lab File: BF085375.D

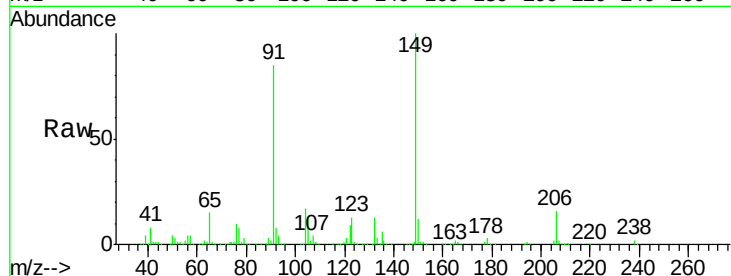
Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

PB88797BS



Tgt Ion:149 Resp: 425607

Ion Ratio Lower Upper

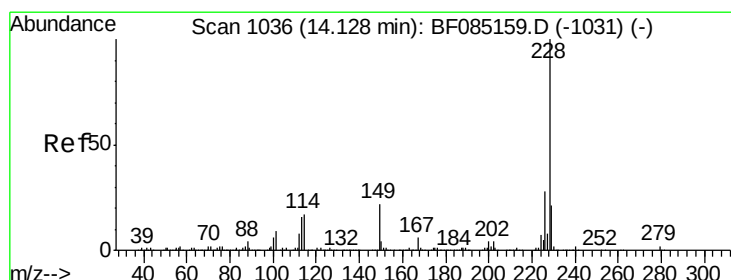
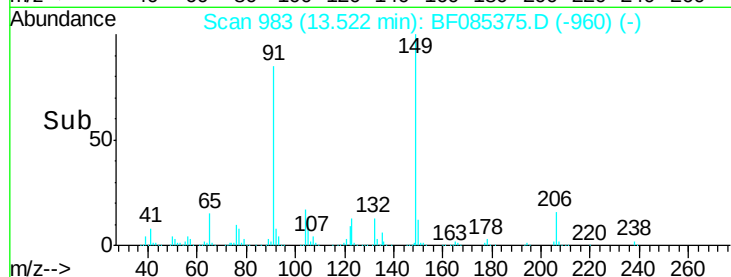
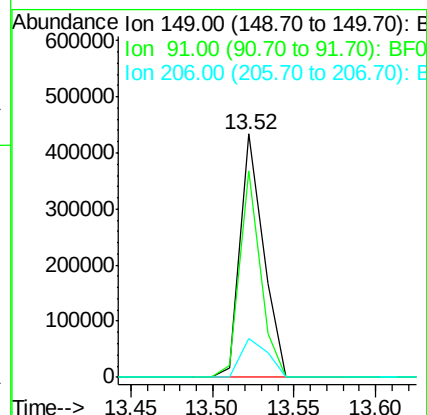
149 100

91 84.7 69.0 103.4

206 15.9 12.3 18.5

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#80

Benzo(a)anthracene

Concen: 38.67 ng

RT: 14.09 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

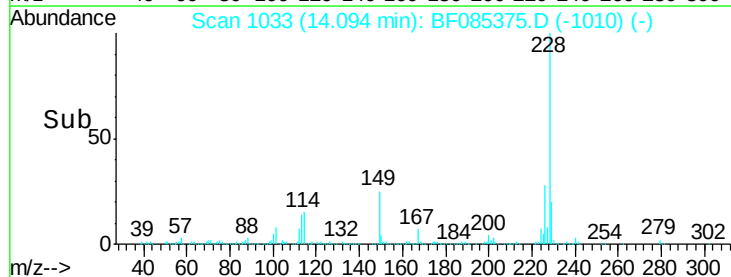
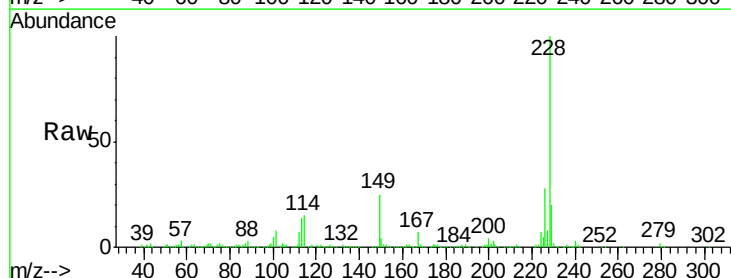
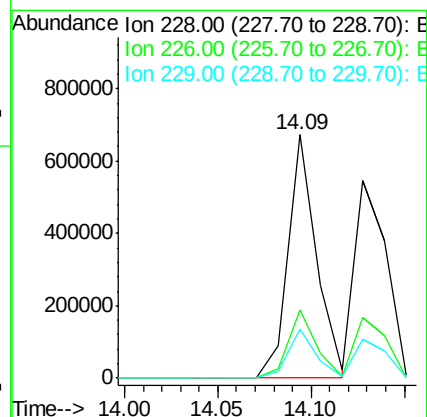
Tgt Ion:228 Resp: 712173

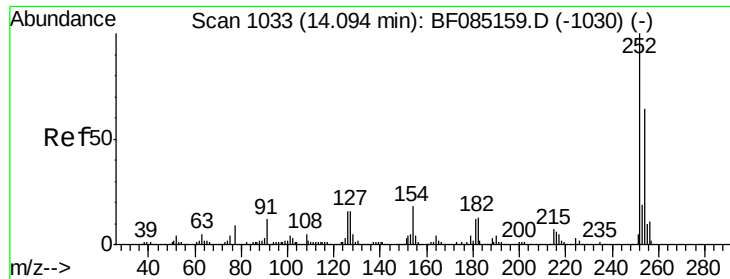
Ion Ratio Lower Upper

228 100

226 28.0 22.8 34.2

229 20.2 16.6 24.8





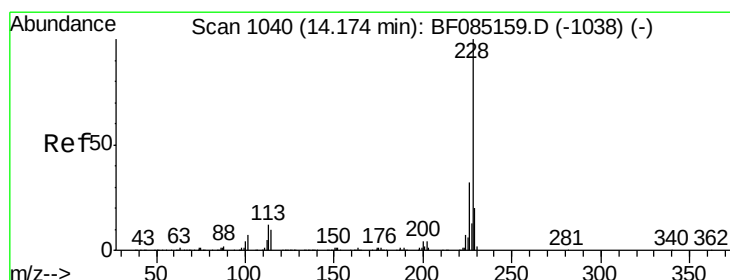
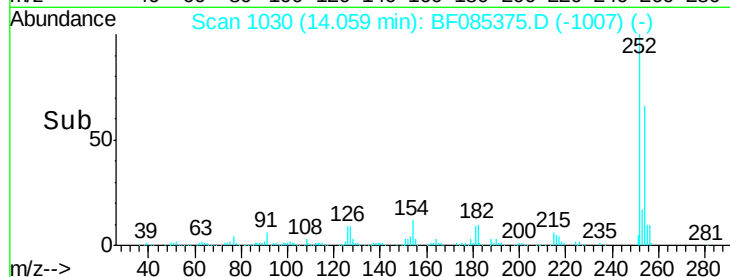
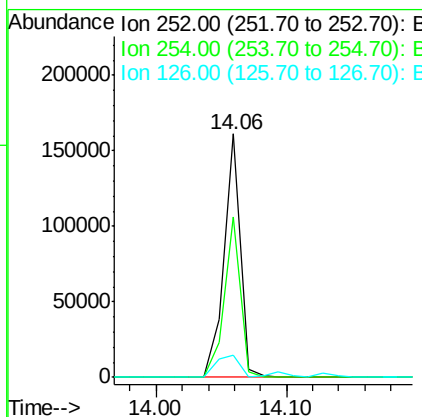
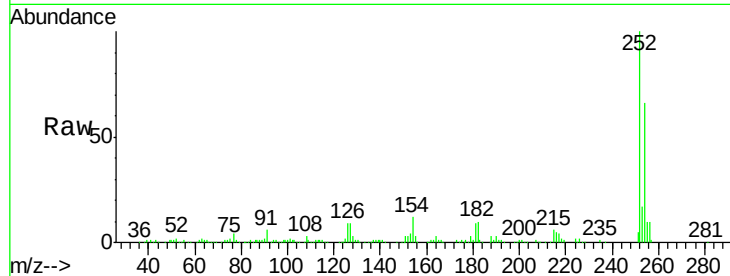
#81
 3,3'-Dichlorobenzidine
 Concen: 24.56 ng
 RT: 14.06 min Scan# 1030
 Delta R.T. -0.03 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.7	51.4	77.0
126	8.9	12.9	19.3

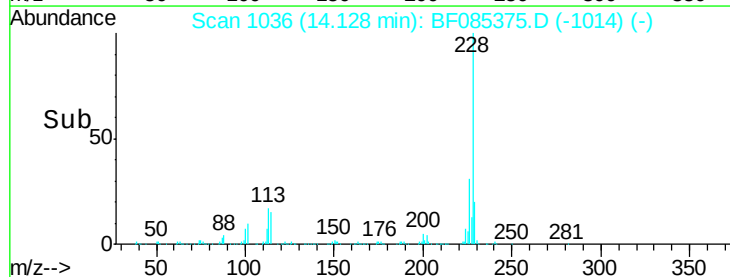
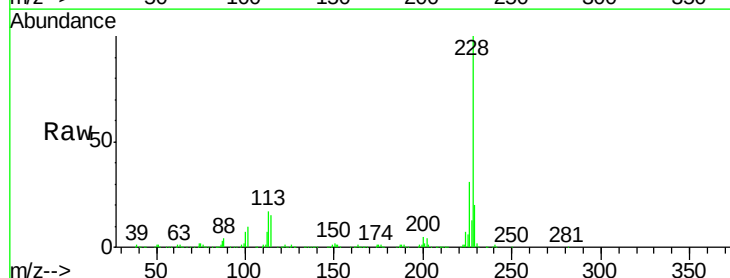
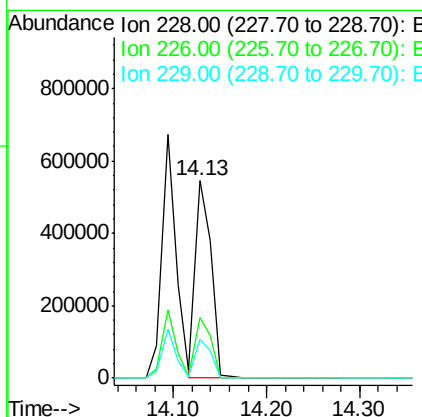
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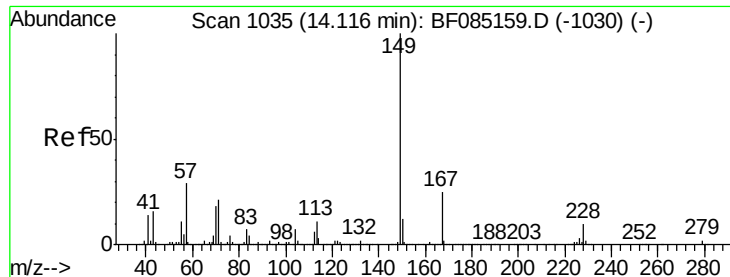
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#82
 Chrysene
 Concen: 38.07 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.0	25.2	37.8
229	19.9	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.53 ng

RT: 14.08 min Scan# 1032

Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

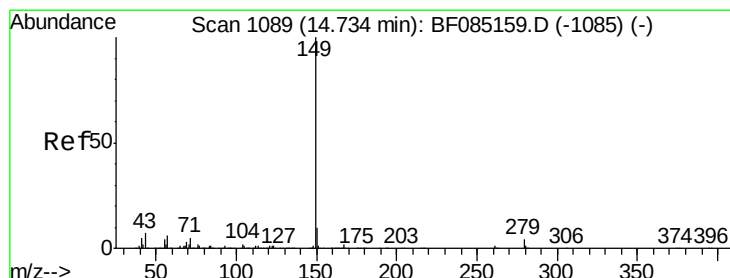
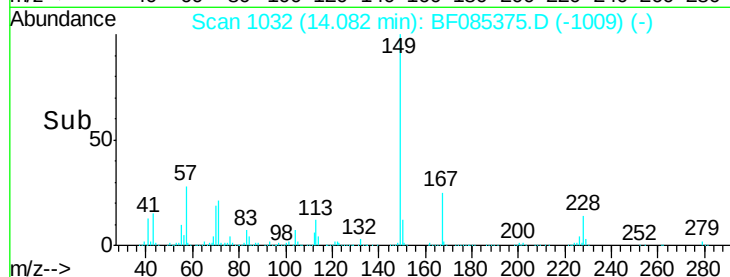
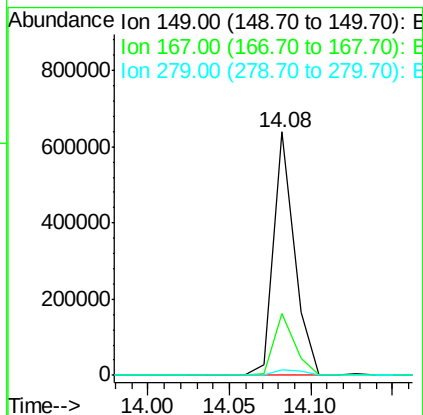
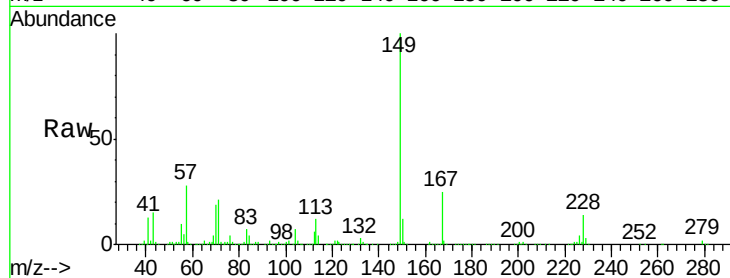
ClientSampleId :

PB88797BS

Tgt Ion:	149	Resp:	574144
Ion Ratio	Lower	Upper	
149	100		
167	25.3	20.3	30.5
279	2.1	1.9	2.9

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#84

Di-n-octyl phthalate

Concen: 45.19 ng

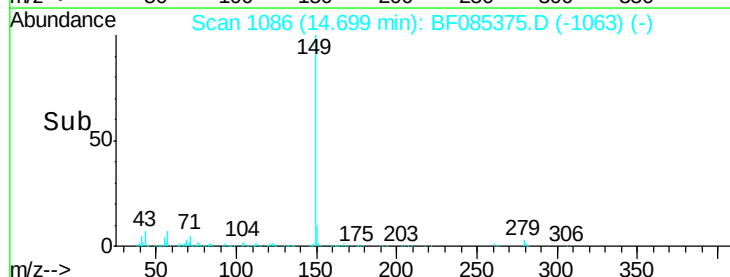
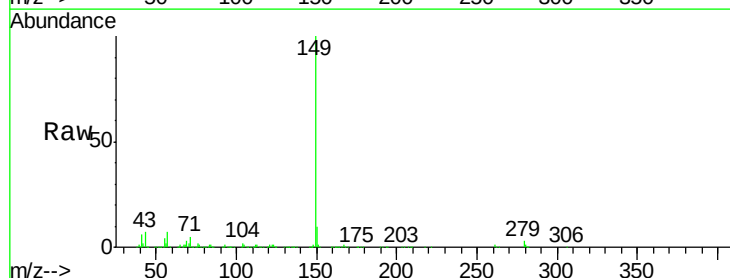
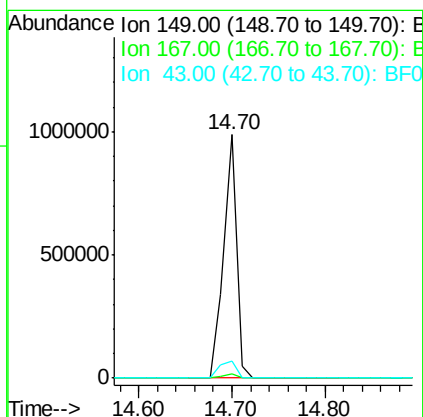
RT: 14.70 min Scan# 1086

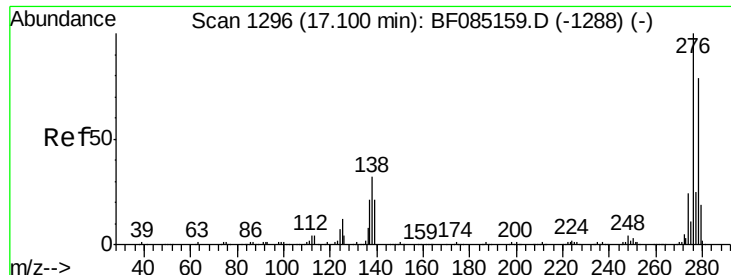
Delta R.T. -0.03 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	149	Resp:	951534
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.0	7.8	11.8





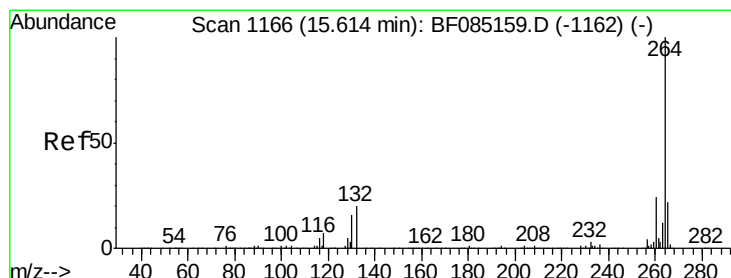
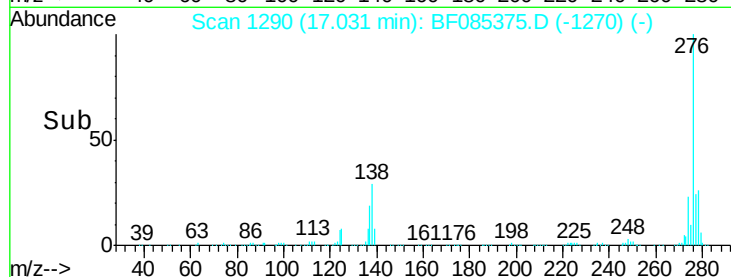
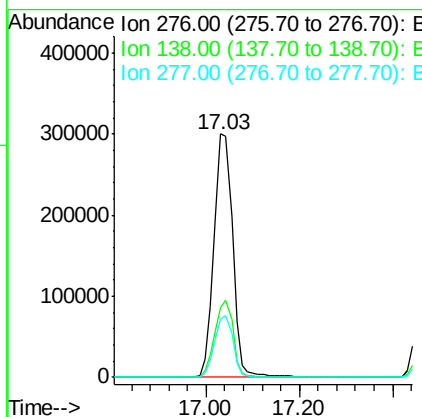
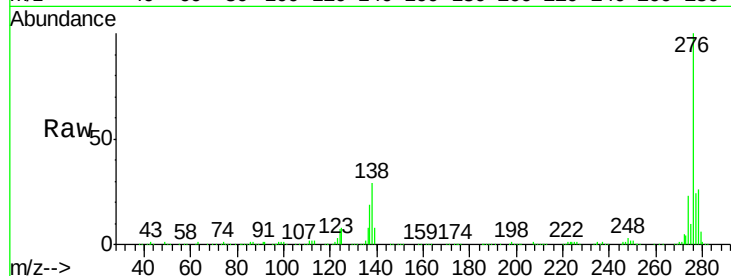
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 63.32 ng
 RT: 17.03 min Scan# 1290
 Delta R.T. -0.07 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Instrument :
 BNA_F
 ClientSampleId :
 PB88797BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.3	26.4	39.6
277	25.2	20.2	30.2

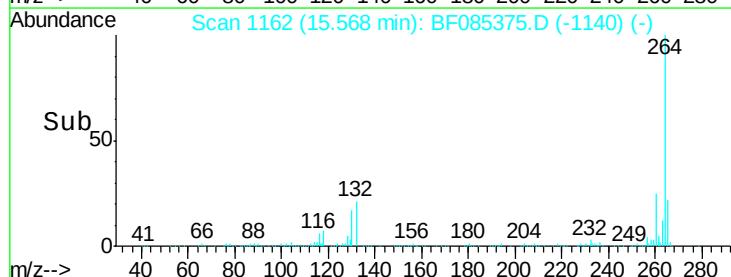
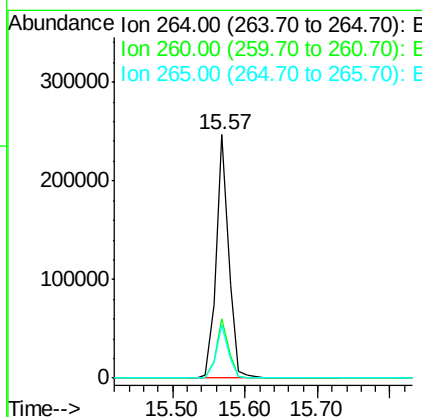
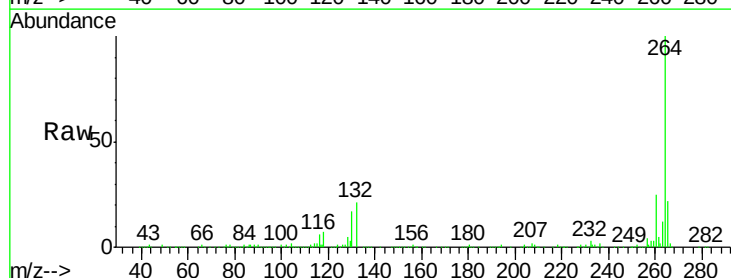
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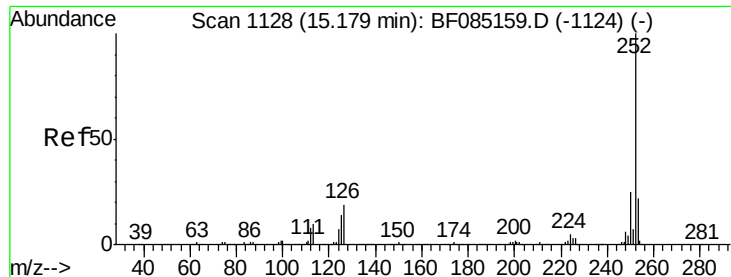
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.57 min Scan# 1162
 Delta R.T. -0.05 min
 Lab File: BF085375.D
 Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.0	17.3	25.9





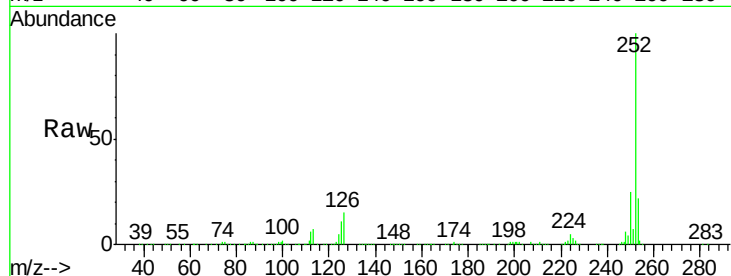
#87
Benzo(b)fluoranthene
Concen: 36.12 ng
RT: 15.15 min Scan# 1125
Delta R.T. -0.03 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Instrument :
BNA_F
ClientSampleId :
PB88797BS

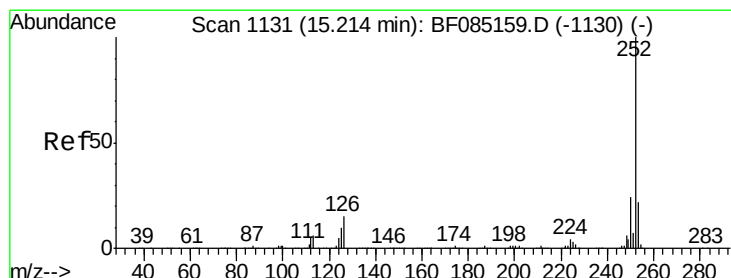
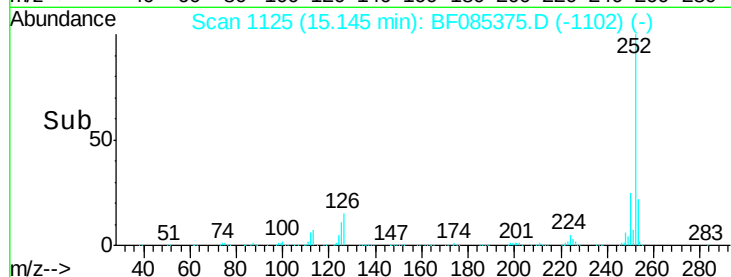
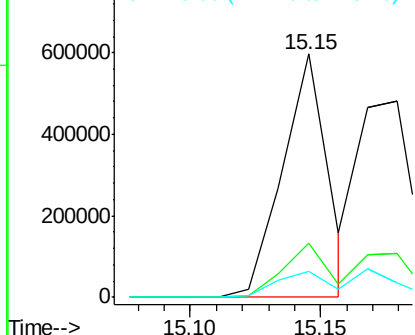
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	10.9	11.3	16.9#

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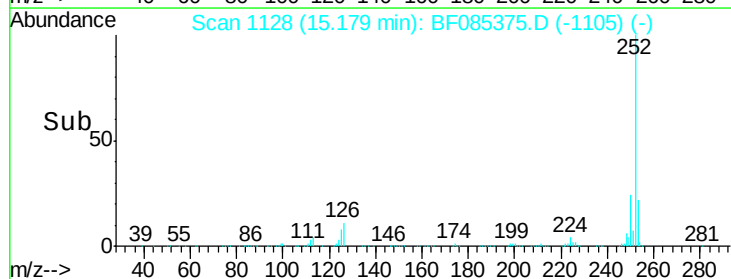
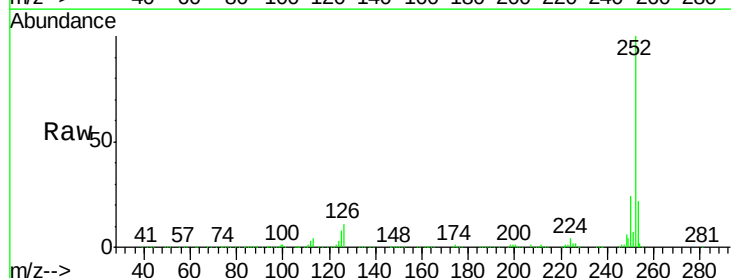
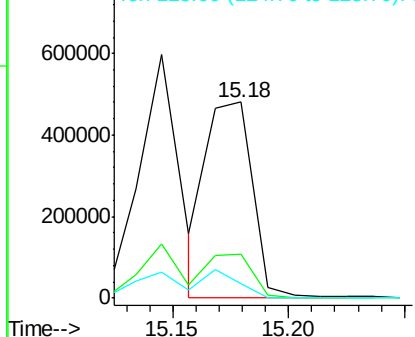
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

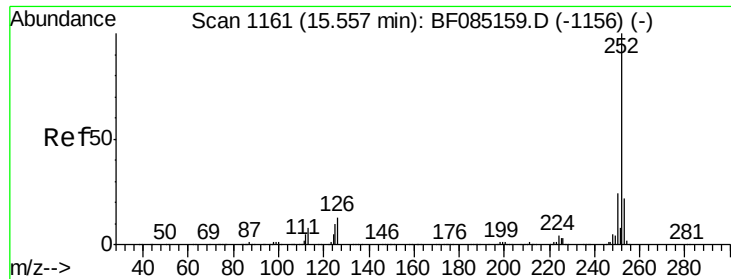


#88
Benzo(k)fluoranthene
Concen: 42.46 ng m
RT: 15.18 min Scan# 1128
Delta R.T. -0.03 min
Lab File: BF085375.D
Acq: 11 Mar 2016 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	7.5	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: 42.39 ng

RT: 15.51 min Scan# 1157

Delta R.T. -0.05 min

Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

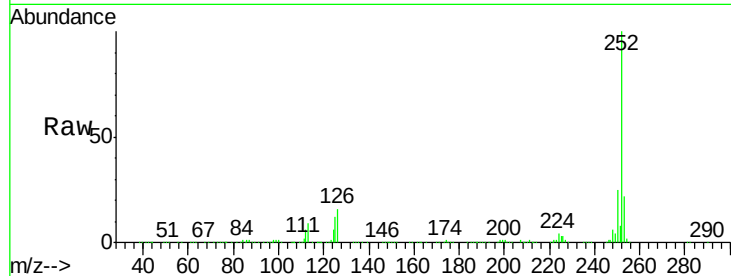
ClientSampleId :

PB88797BS

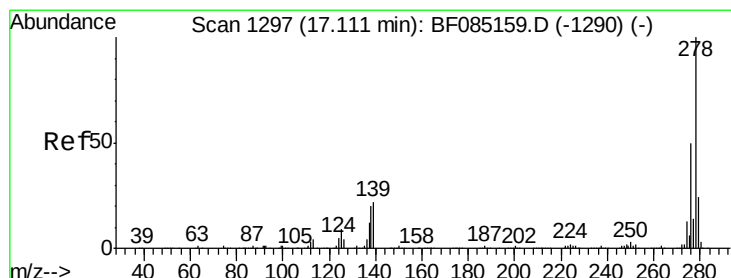
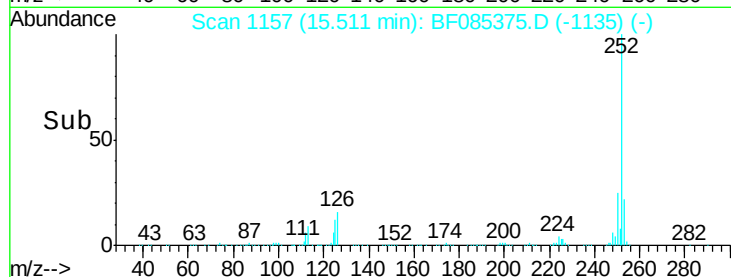
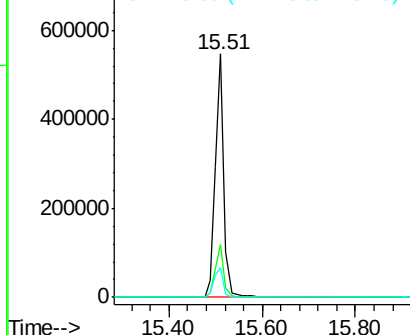
Tgt Ion:	252	Resp:	696176
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	12.5	8.2	12.4#

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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



#90

Dibenzo(a,h)anthracene

Concen: 50.32 ng

RT: 17.05 min Scan# 1292

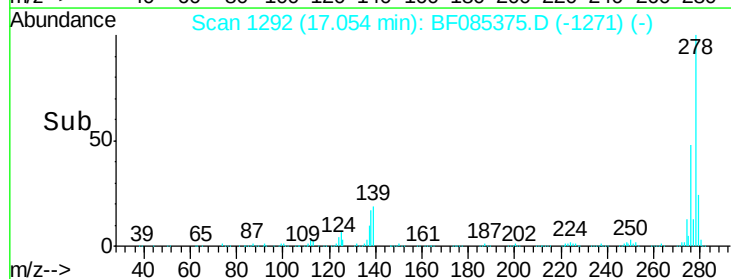
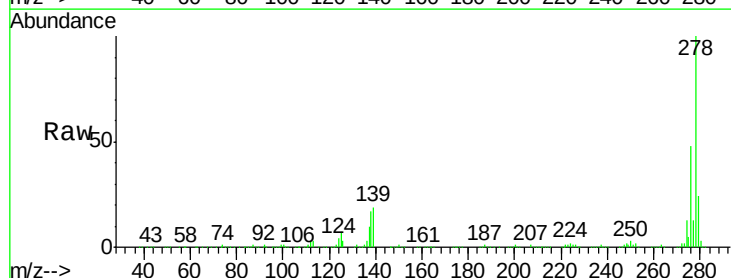
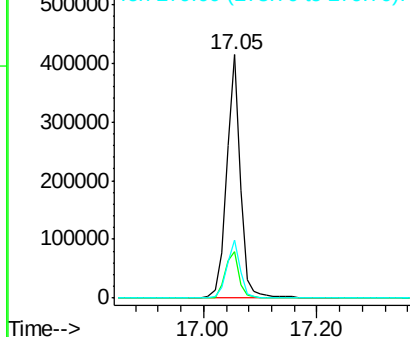
Delta R.T. -0.06 min

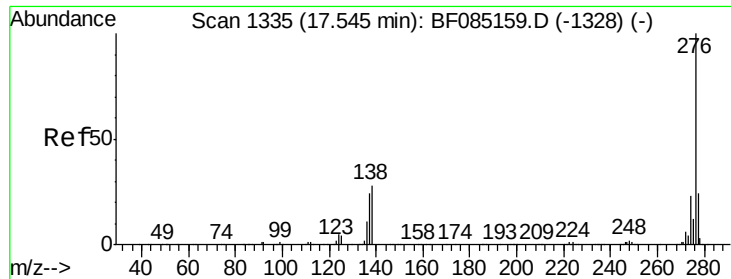
Lab File: BF085375.D

Acq: 11 Mar 2016 16:39

Tgt Ion:	278	Resp:	705341
Ion Ratio	Lower	Upper	
278	100		
139	19.1	17.3	25.9
279	23.6	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 50.84 ng

RT: 17.48 min Scan# 1329

Delta R.T. -0.07 min

Lab File: BF085375.D

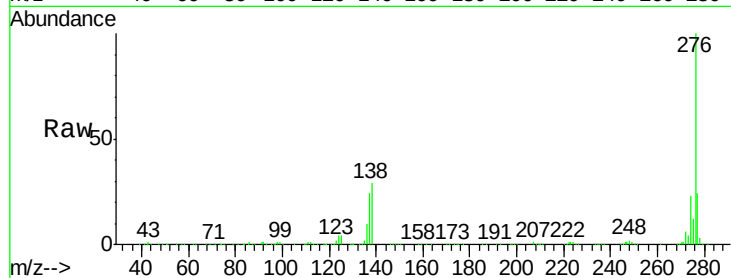
Acq: 11 Mar 2016 16:39

Instrument :

BNA_F

ClientSampleId :

PB88797BS



Tgt	Ion	Ratio	Lower	Upper
276	100			
277	23.9	19.0	28.4	
138	29.0	22.5	33.7	

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