

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084089.D
 Acq On : 24 Dec 2015 20:00
 Operator : UM/SJ
 Sample : PB87482BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Manual Integrations
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Sohil
 12/28/2015 1:09:49 PM

Quant Time: Dec 25 04:27:21 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50486	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	192359	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	92036	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	171738	20.00	ng	0.00
75) Chrysene-d12	13.96	240	132082	20.00	ng	0.00
86) Perylene-d12	15.38	264	99046	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	339816	114.12	ng	0.01
7) Phenol-d6	6.45	99	384211	104.27	ng	0.00
23) Nitrobenzene-d5	7.37	82	254154	77.34	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	114109	116.26	ng	0.01
44) 2-Fluorobiphenyl	9.16	172	506337	75.28	ng	0.00
78) Terphenyl-d14	12.90	244	475511	65.14	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	37395	30.64	ng	96
3) Pyridine	3.14	79	114504	38.41	ng	99
4) n-Nitrosodimethylamine	3.09	42	48013	36.56	ng	96
6) Aniline	6.46	93	94077	20.20	ng	# 18
8) 2-Chlorophenol	6.59	128	140900	38.10	ng	94
9) Benzaldehyde	6.35	77	39707	20.15	ng	90
10) Phenol	6.46	94	139081	33.00	ng	78
11) bis(2-Chloroethyl)ether	6.53	93	109354	35.98	ng	95
12) 1,3-Dichlorobenzene	6.74	146	147255	36.47	ng	98
13) 1,4-Dichlorobenzene	6.82	146	144886m	35.66	ng	
14) 1,2-Dichlorobenzene	6.97	146	138684	37.04	ng	99
15) Benzyl Alcohol	6.96	79	112591	40.35	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.08	45	103868	34.99	ng	# 55
17) 2-Methylphenol	7.07	107	102023	35.93	ng	# 90
18) Hexachloroethane	7.31	117	53695	36.21	ng	95
19) n-Nitroso-di-n-propylamine	7.22	70	85969	37.88	ng	# 89
20) 3+4-Methylphenols	7.23	107	141410	39.04	ng	# 48
22) Acetophenone	7.21	105	181320	37.73	ng	# 92
24) Nitrobenzene	7.38	77	125601	35.99	ng	95
25) Isophorone	7.63	82	234604	38.59	ng	# 94
26) 2-Nitrophenol	7.70	139	70030	39.22	ng	# 79
27) 2,4-Dimethylphenol	7.76	122	126785	42.78	ng	94
28) bis(2-Chloroethoxy)methane	7.84	93	137187	38.71	ng	99
29) 2,4-Dichlorophenol	7.95	162	111487	40.50	ng	97
30) 1,2,4-Trichlorobenzene	8.03	180	117490	38.95	ng	96
31) Naphthalene	8.11	128	392312	38.33	ng	99
32) Benzoic acid	7.89	122	57358	40.36	ng	91
33) 4-Chloroaniline	8.16	127	47990	11.78	ng	97
34) Hexachlorobutadiene	8.22	225	63921	37.15	ng	99
35) Caprolactam	8.53	113	36276m	47.52	ng	
36) 4-Chloro-3-methylphenol	8.66	107	125047	40.40	ng	93
37) 2-Methylnaphthalene	8.80	142	259750	40.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	116674	40.21	ng	99
40) Hexachlorocyclopentadiene	8.96	237	69722	81.76	ng	98

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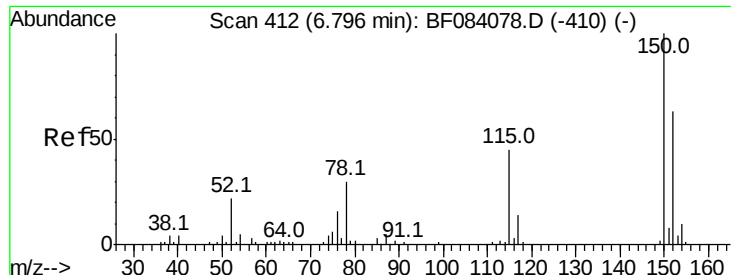
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	71373	37.73	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	73953	39.06	nq #	77
45) 1,1'-Biphenyl	9.26	154	338343	40.69	nq	97
46) 2-Chloronaphthalene	9.29	162	253671	40.13	nq	95
47) 2-Nitroaniline	9.39	65	71661	42.66	nq #	58
48) Acenaphthylene	9.70	152	388718	37.44	nq	99
49) Dimethylphthalate	9.57	163	297718	39.06	nq #	90
50) 2,6-Dinitrotoluene	9.63	165	72173	44.61	nq #	89
51) Acenaphthene	9.87	154	227936	37.75	nq	98
52) 3-Nitroaniline	9.80	138	32338	18.62	nq #	74
53) 2,4-Dinitrophenol	9.92	184	44914	73.88	nq	97
54) Dibenzofuran	10.04	168	327710	39.47	nq #	89
55) 4-Nitrophenol	9.98	139	70214	79.22	nq #	70
56) 2,4-Dinitrotoluene	10.04	165	88353	41.37	nq	87
57) Fluorene	10.38	166	275465	39.04	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	58803	43.56	nq	97
59) Diethylphthalate	10.27	149	307607	39.73	nq	100
60) 4-Chlorophenyl-phenylether	10.37	204	116210	35.71	nq #	79
61) 4-Nitroaniline	10.42	138	71047	44.27	nq	94
62) Azobenzene	10.53	77	270067	42.33	nq	90
64) 4,6-Dinitro-2-methylphenol	10.45	198	39181	41.10	nq	79
65) n-Nitrosodiphenylamine	10.50	169	251155	41.02	nq	99
66) 4-Bromophenyl-phenylether	10.86	248	77695	39.05	nq #	77
67) Hexachlorobenzene	10.93	284	82320	37.79	nq #	72
68) Atrazine	11.02	200	71562	38.81	nq	98
69) Pentachlorophenol	11.14	266	60130	83.55	nq	99
70) Phenanthrene	11.34	178	401823	39.47	nq	99
71) Anthracene	11.40	178	420169	39.47	nq	99
72) Carbazole	11.55	167	360539	39.81	nq	99
73) Di-n-butylphthalate	11.88	149	454523	38.96	nq #	98
74) Fluoranthene	12.53	202	446218	41.39	nq	96
76) Benzidine	12.65	184	127784	28.46	nq	99
77) Pyrene	12.76	202	450844	39.56	nq	100
79) Butylbenzylphthalate	13.38	149	204384	43.33	nq #	80
80) Benzo(a)anthracene	13.95	228	338547	41.67	nq	100
81) 3,3'-Dichlorobenzidine	13.91	252	59679	24.26	nq #	94
82) Chrysene	13.99	228	312415m	41.70	nq	
83) Bis(2-ethylhexyl)phthalate	13.94	149	262891	43.13	nq #	96
84) Di-n-octyl phthalate	14.55	149	380690	44.39	nq	100
85) Indeno(1,2,3-cd)pyrene	16.77	276	281484	37.52	nq	99
87) Benzo(b)fluoranthene	14.98	252	304642m	41.42	nq	
88) Benzo(k)fluoranthene	15.00	252	229189m	45.98	nq	
89) Benzo(a)pyrene	15.32	252	249640	41.20	nq	100
90) Dibenzo(a,h)anthracene	16.77	278	234026	39.57	nq	96
91) Benzo(g,h,i)perylene	17.19	276	238720	39.55	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

ClientSampleId :

PB87482BS

Tot Ion:152 Resp: 50486

Ion Ratio Lower Upper

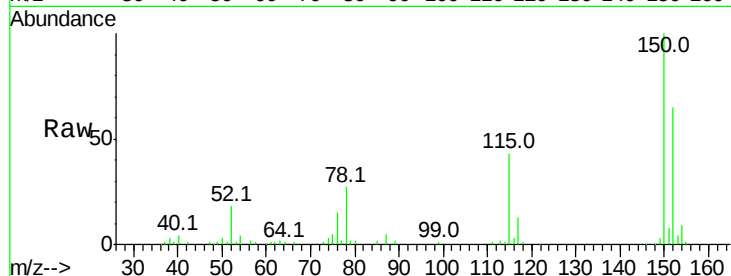
152 100

150 154.4 123.0 184.4

115 66.5 51.4 77.2

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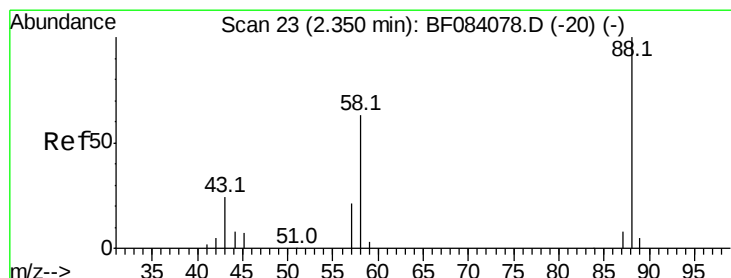
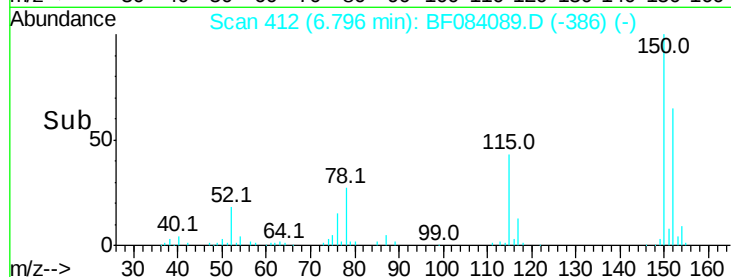
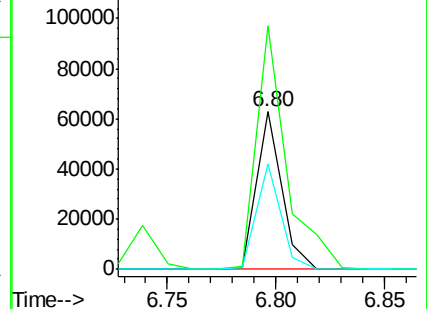
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 30.64 ng

RT: 2.43 min Scan# 30

Delta R.T. 0.08 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

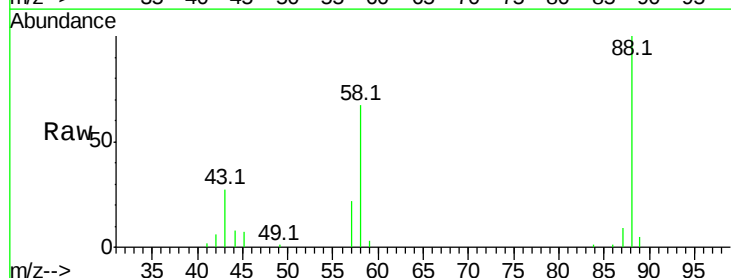
Tgt Ion: 88 Resp: 37395

Ion Ratio Lower Upper

88 100

58 66.7 51.2 76.8

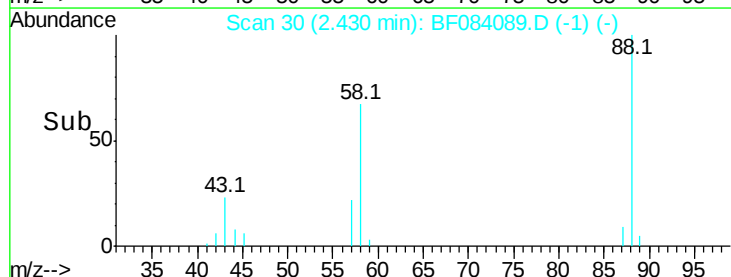
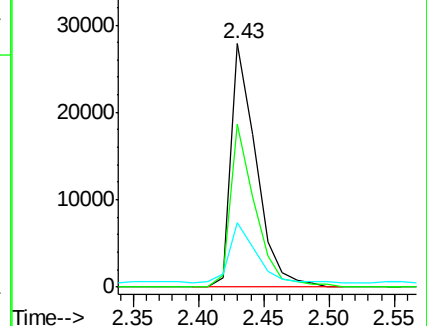
43 27.4 19.5 29.3

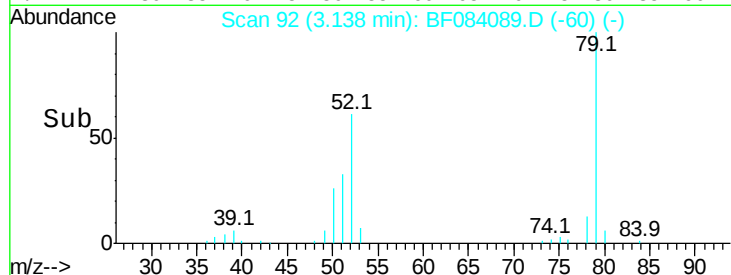
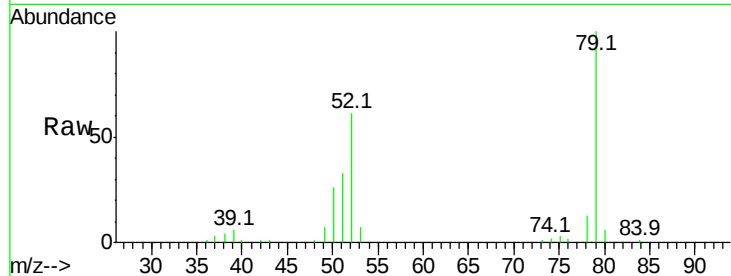
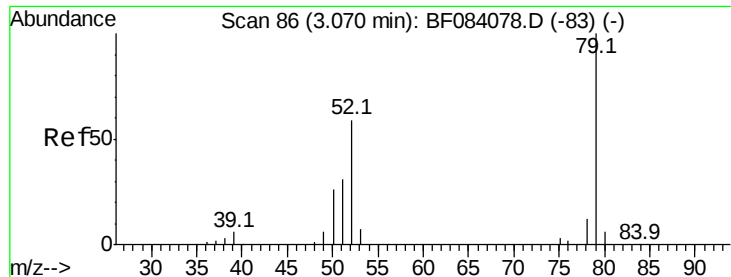


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





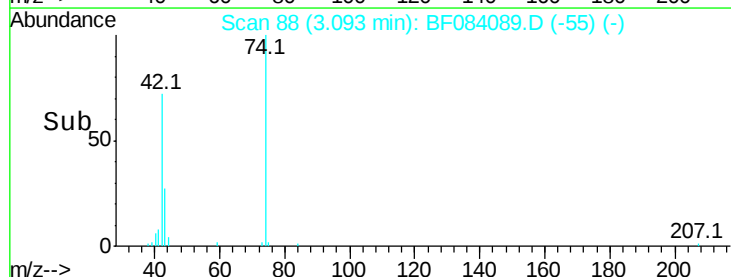
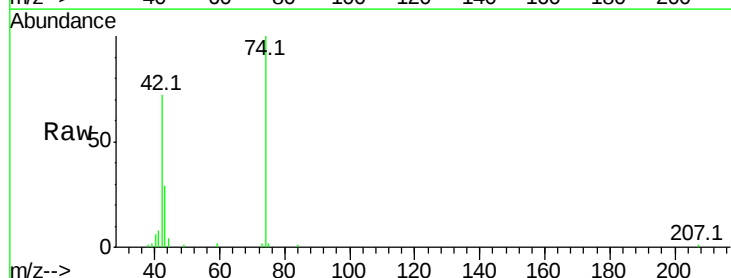
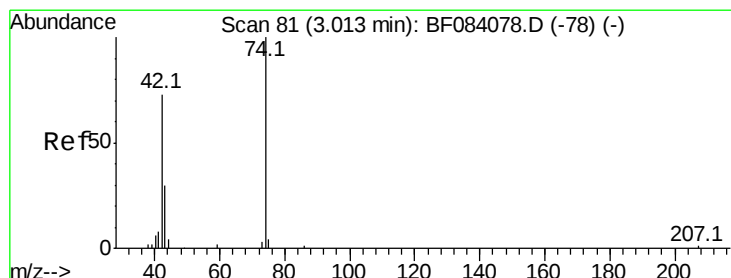
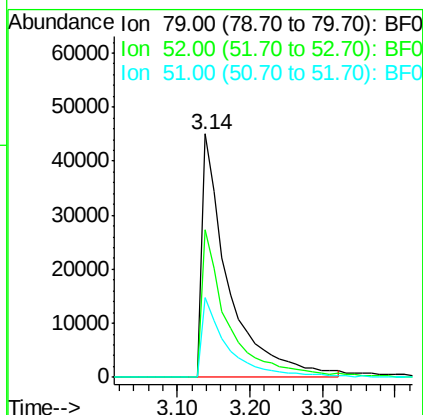
#3
 Pvridine
 Concen: 38.41 ng
 RT: 3.14 min Scan# 92
 Delta R.T. 0.07 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tot Ion:	79	Resp:	114504
Ion Ratio	Lower	Upper	
79	100		
52	60.7	49.0	73.4
51	33.0	25.2	37.8

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 PB87482BS

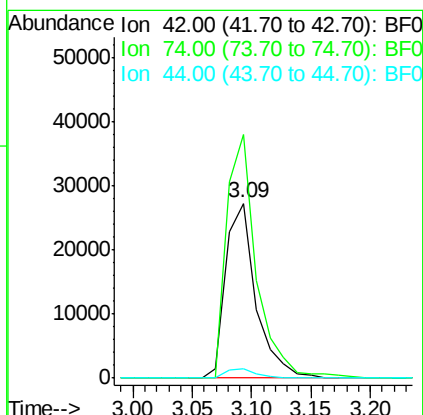
Manual Integrations
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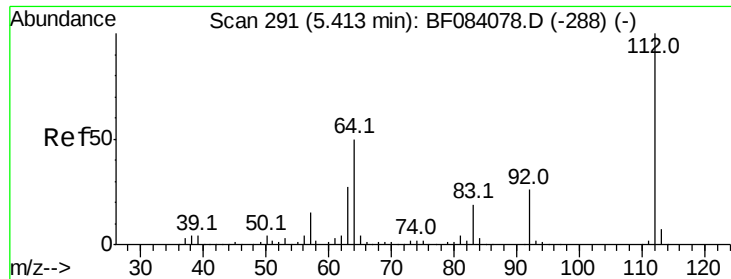
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#4
 n-Nitrosodimethylamine
 Concen: 36.56 ng
 RT: 3.09 min Scan# 88
 Delta R.T. 0.08 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion:	42	Resp:	48013
Ion Ratio	Lower	Upper	
42	100		
74	139.3	115.7	173.5
44	5.6	5.1	7.7





#5

2-Fluorophenol

Concen: 114.12 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

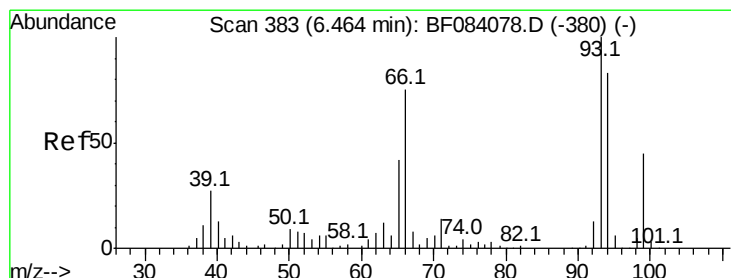
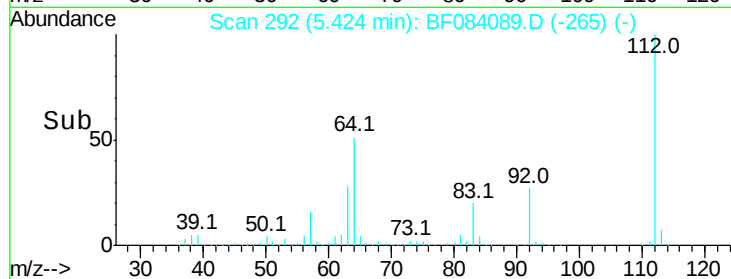
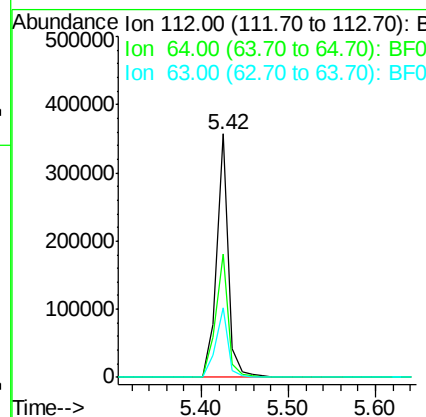
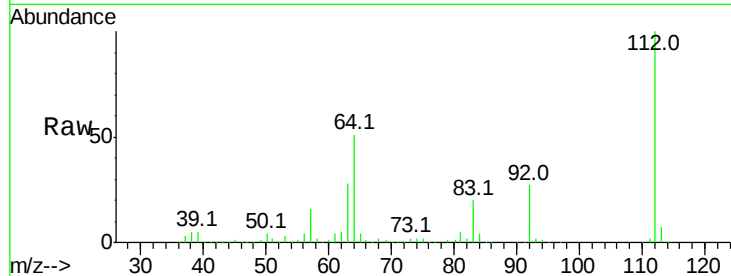
ClientSampleId :

PB87482BS

Tot Ion	112	Resp	339816
Ion Ratio	Lower	Upper	
112	100		
64	50.5	36.6	55.0
63	28.4	19.4	29.0

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#6

Aniline

Concen: 20.20 ng

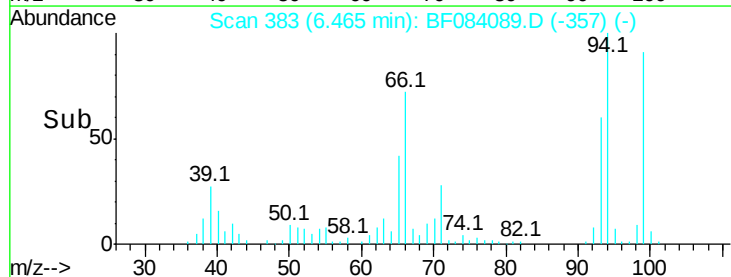
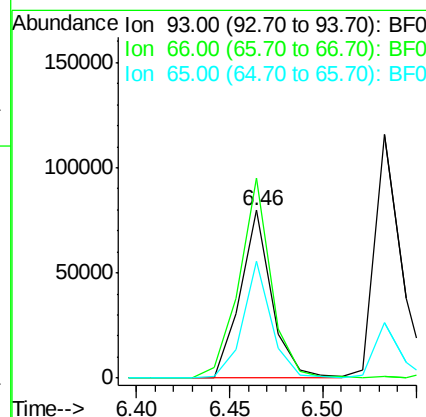
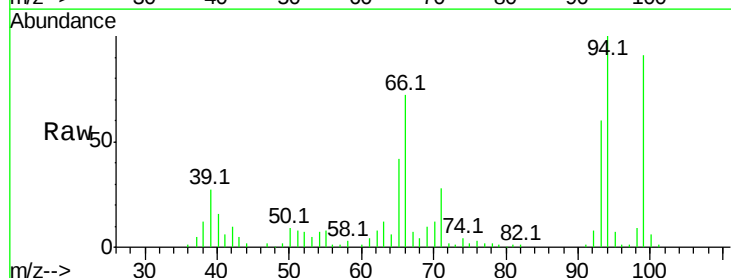
RT: 6.46 min Scan# 383

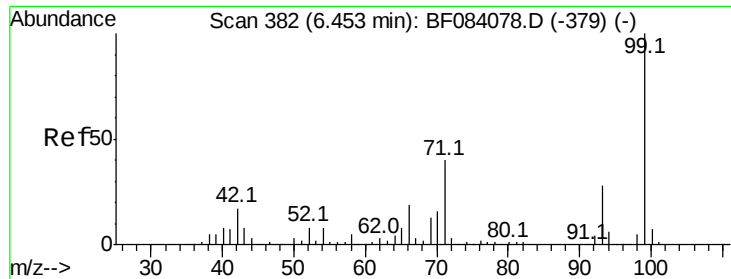
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion	93	Resp	94077
Ion Ratio	Lower	Upper	
93	100		
66	119.4	44.9	67.3#
65	69.5	23.7	35.5#





#7

Phenol-d6

Concen: 104.27 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

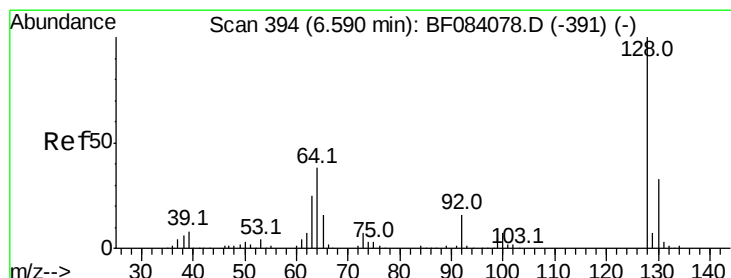
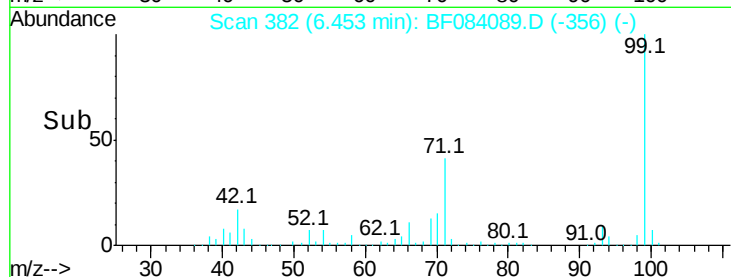
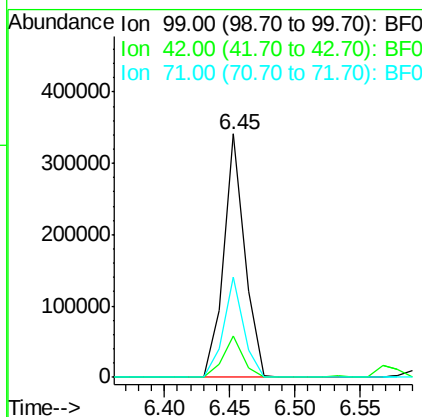
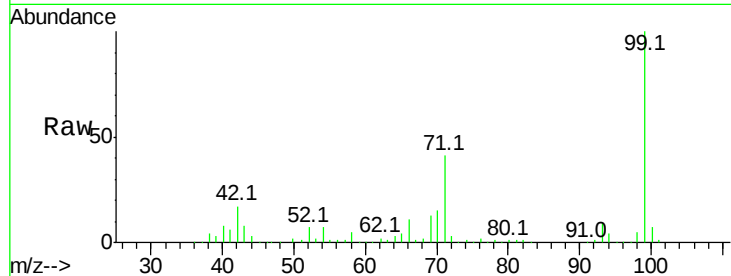
ClientSampleId :

PB87482BS

Tot Ion:	99	Resp:	384211
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.8	19.2
71	41.4	30.9	46.3

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#8

2-Chlorophenol

Concen: 38.10 ng

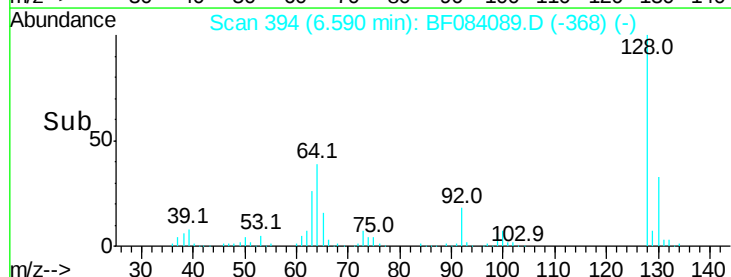
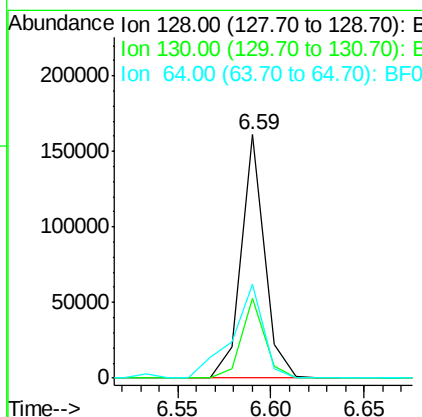
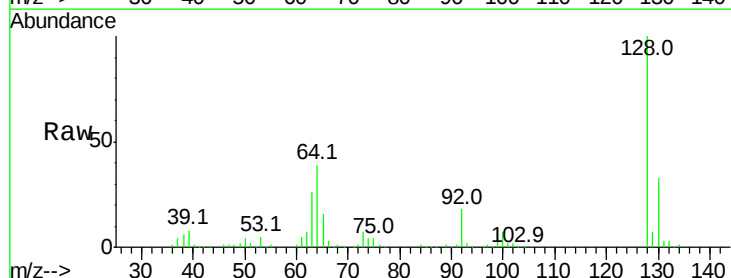
RT: 6.59 min Scan# 394

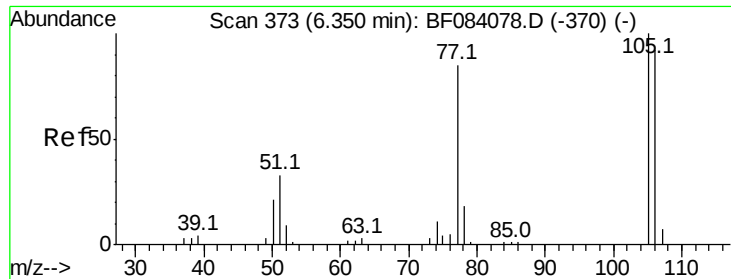
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	128	Resp:	140900
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.6	51.6
64	38.5	23.8	63.8





#9

Benzaldehyde

Concen: 20.15 ng

RT: 6.35 min Scan# 373

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

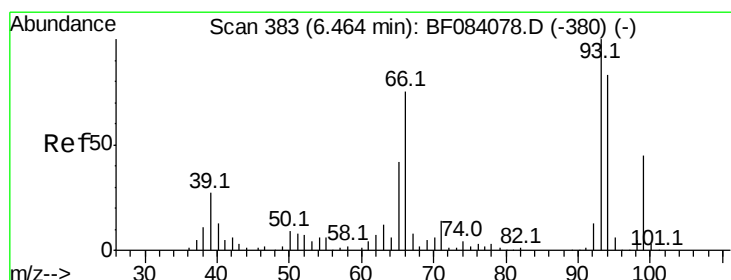
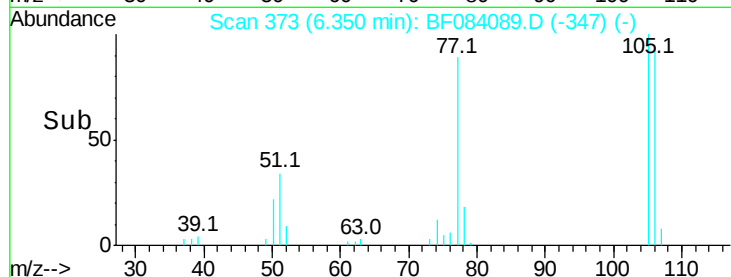
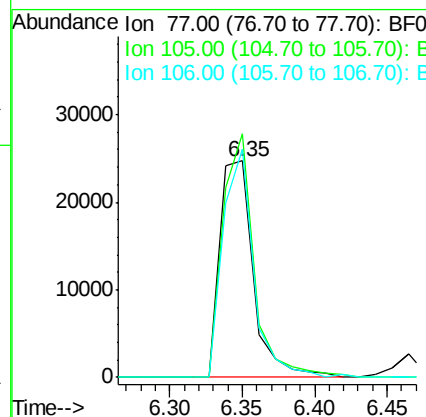
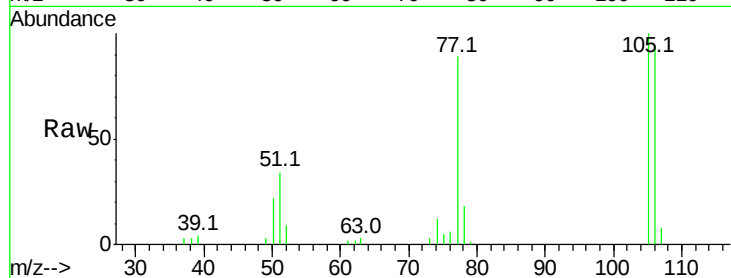
ClientSampleId :

PB87482BS

Tot Ion:	77	Resp:	39707
Ion Ratio	Lower	Upper	
77	100		
105	112.6	83.0	123.0
106	105.4	74.6	114.6

Manual Integrations
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#10

Phenol

Concen: 33.00 ng

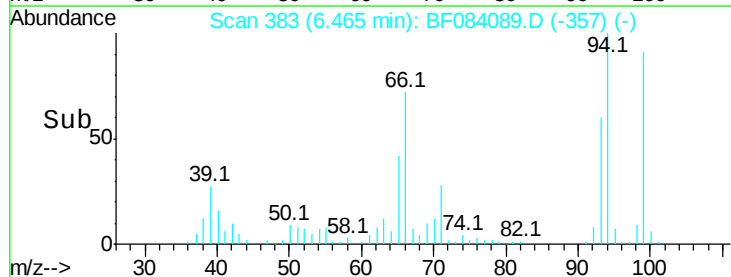
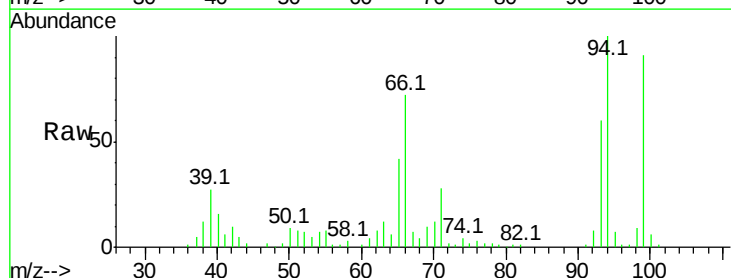
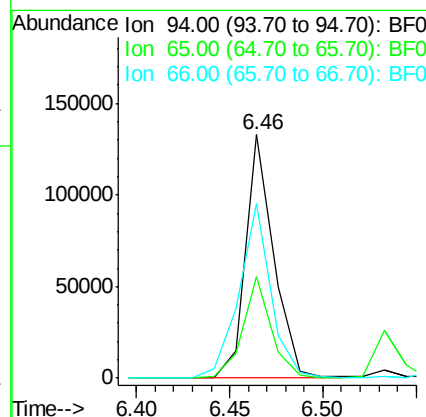
RT: 6.46 min Scan# 383

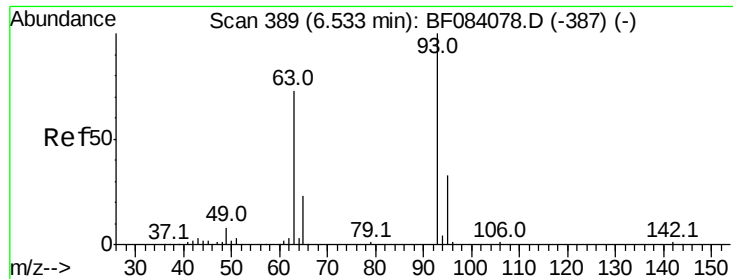
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	94	Resp:	139081
Ion Ratio	Lower	Upper	
94	100		
65	41.7	12.9	52.9
66	71.6	32.7	72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.98 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

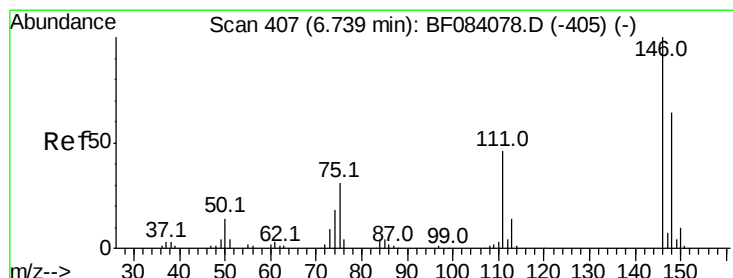
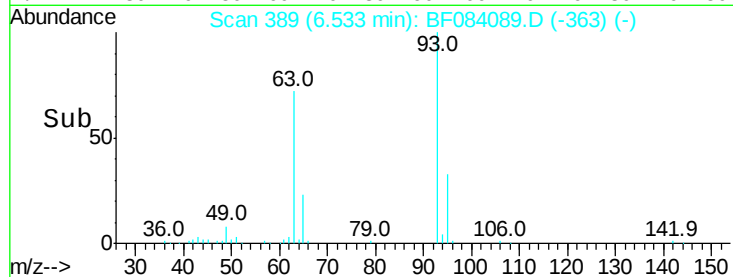
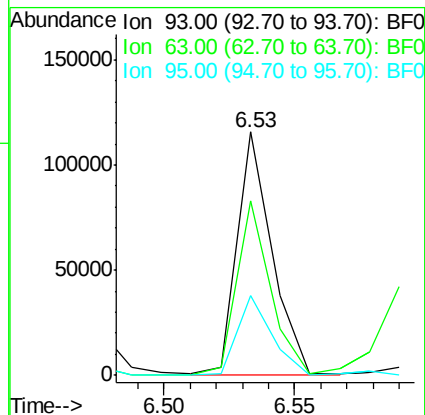
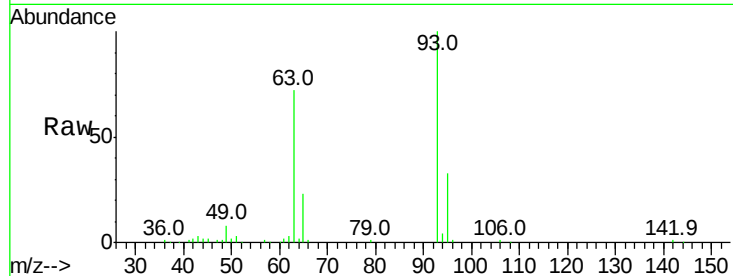
ClientSampleId :

PB87482BS

Tot Ion:	93	Resp:	109354
Ion Ratio	Lower	Upper	
93	100		
63	71.7	45.9	85.9
95	32.6	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 36.47 ng

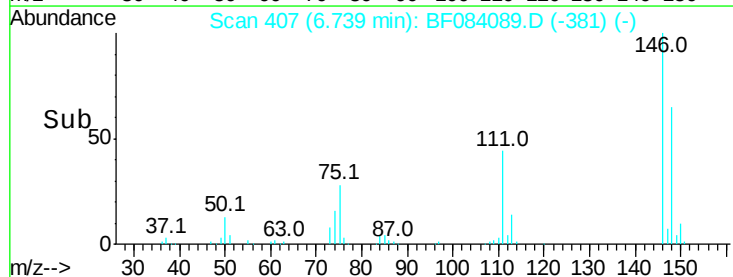
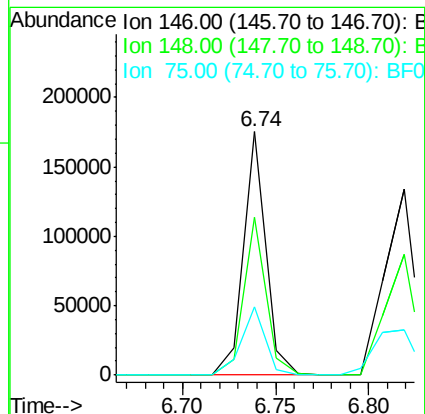
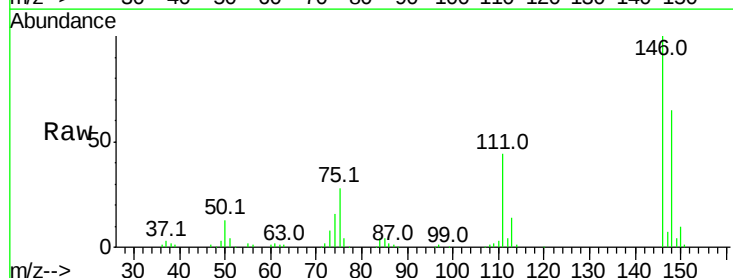
RT: 6.74 min Scan# 407

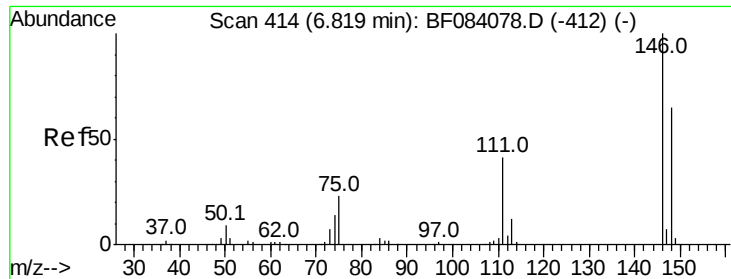
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	146	Resp:	147255
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
75	28.3	20.5	30.7





#13

1,4-Dichlorobenzene

Concen: 35.66 ng

RT: 6.82 min Scan# 414

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

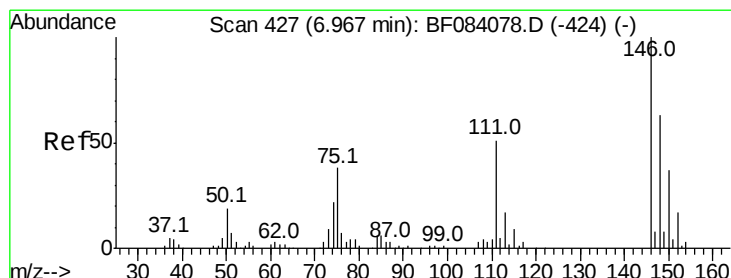
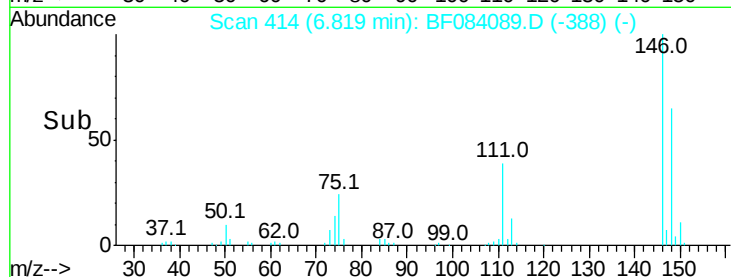
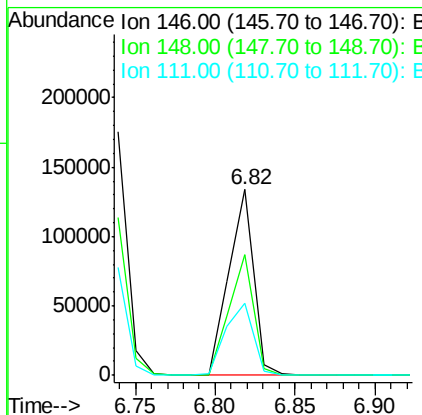
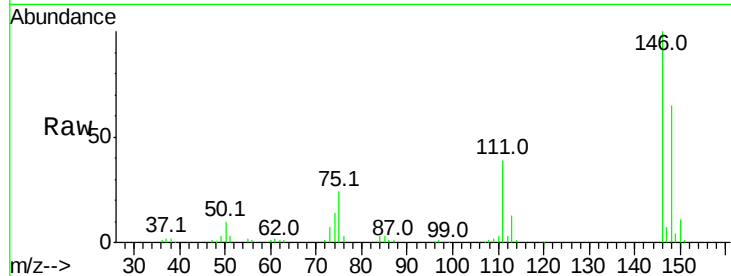
ClientSampleId :

PB87482BS

Tot Ion:	146	Resp:	144886
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.9	77.9
111	38.7	41.6	62.4#

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 37.04 ng

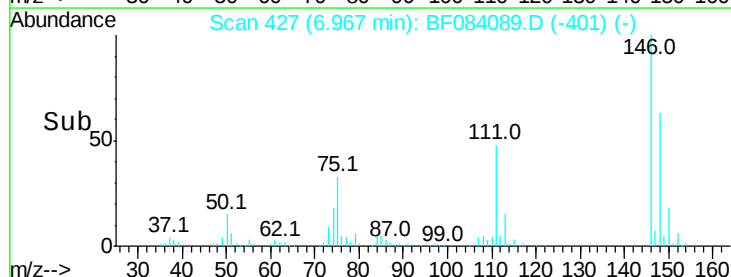
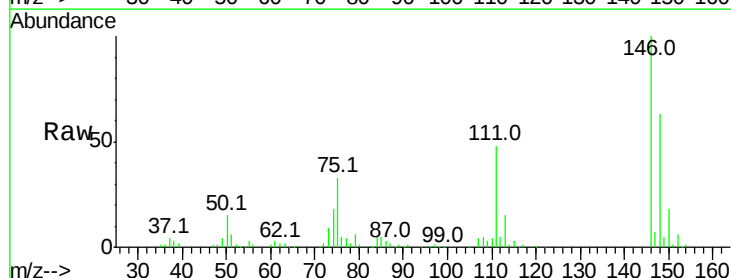
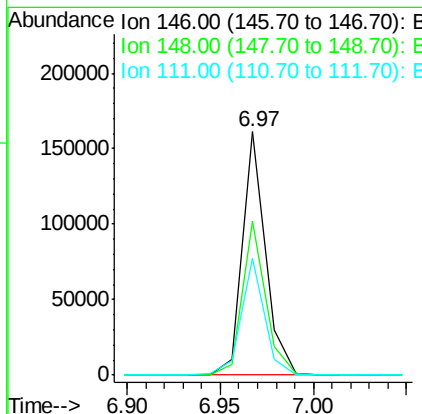
RT: 6.97 min Scan# 427

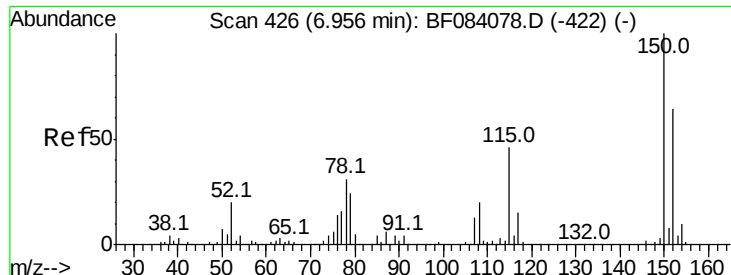
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	146	Resp:	138684
Ion Ratio	Lower	Upper	
146	100		
148	63.3	51.6	77.4
111	48.1	38.0	57.0





#15

Benzyl Alcohol

Concen: 40.35 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

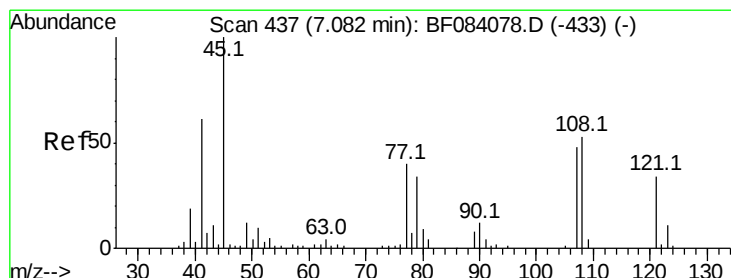
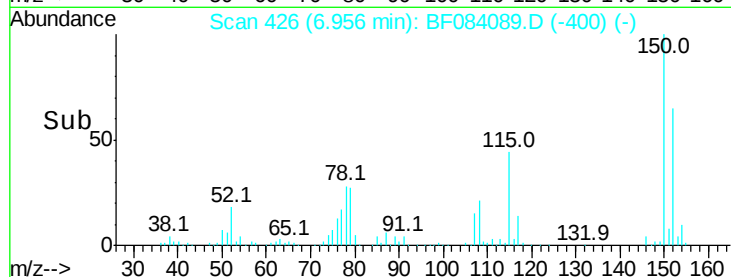
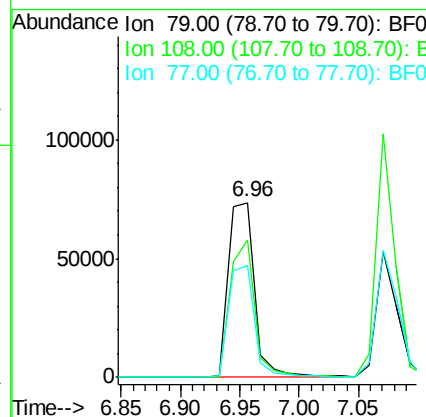
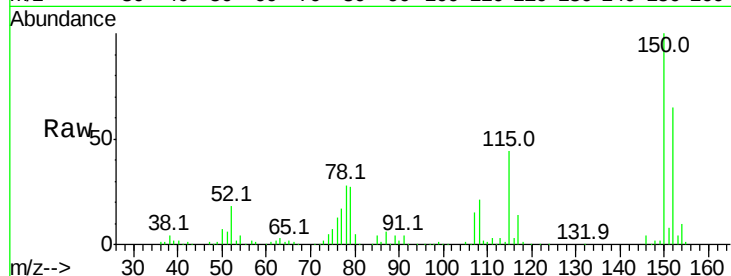
ClientSampleId :

PB87482BS

Tot Ion:	79	Resp:	112591
Ion Ratio	Lower	Upper	
79	100		
108	78.3	69.0	103.4
77	64.1	50.0	75.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.99 ng

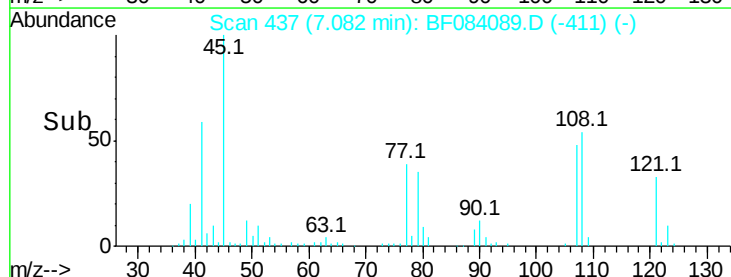
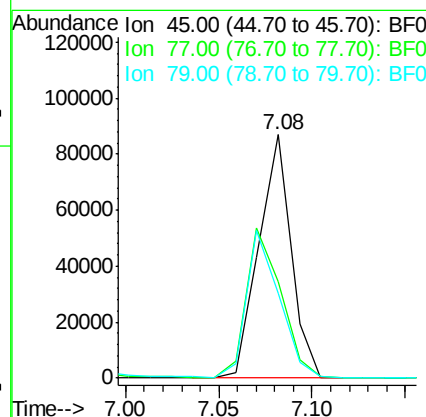
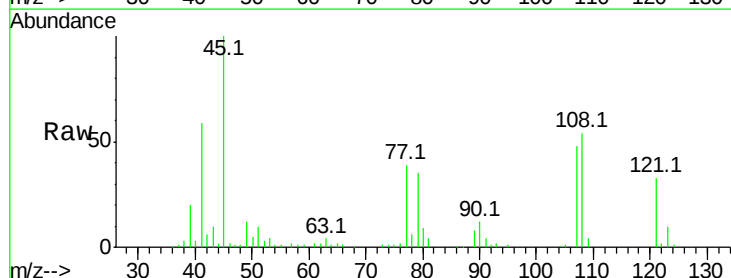
RT: 7.08 min Scan# 437

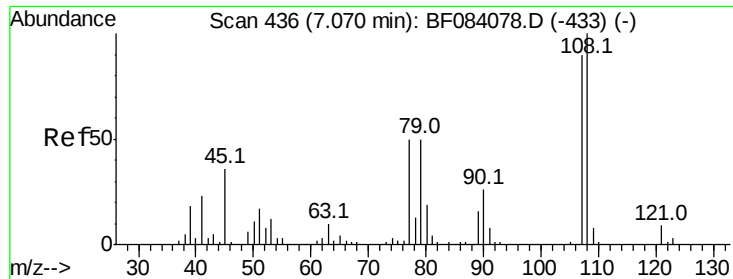
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	45	Resp:	103868
Ion Ratio	Lower	Upper	
45	100		
77	39.4	0.0	39.6
79	35.0	0.0	35.0#





#17

2-Methylphenol

Concen: 35.93 ng

RT: 7.07 min Scan# 436

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

ClientSampleId :

PB87482BS

Tot Ion:107 Resp: 102023
Ion Ratio Lower Upper

107 100

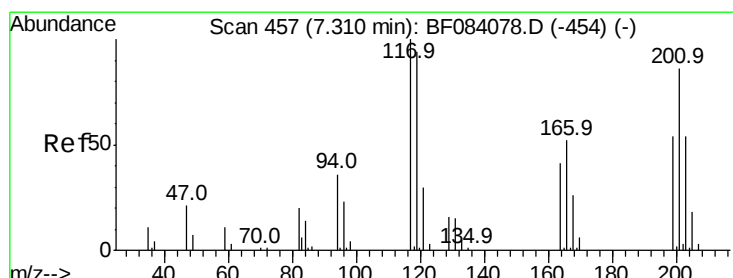
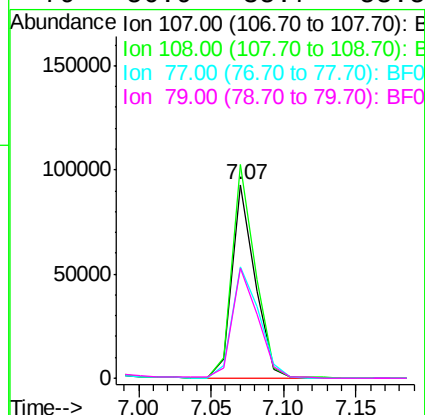
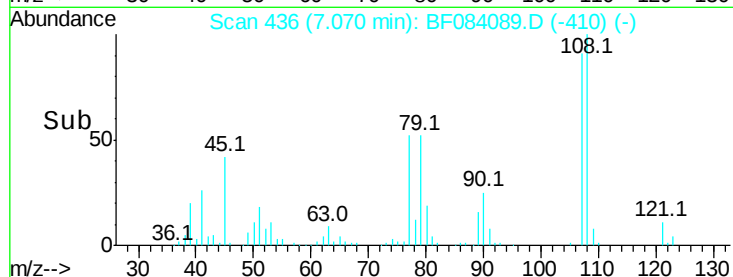
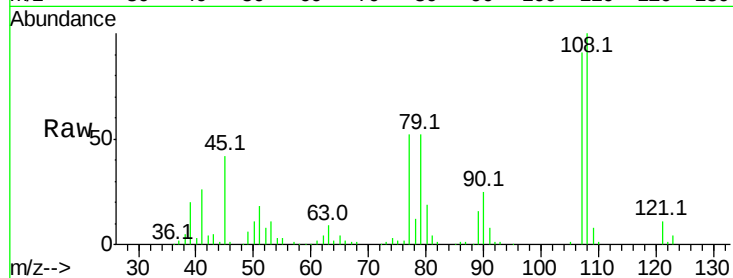
108 110.3 89.8 134.6

77 57.8 35.7 53.5#

79 56.9 35.7 53.5#

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#18

Hexachloroethane

Concen: 36.21 ng

RT: 7.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF084089.D

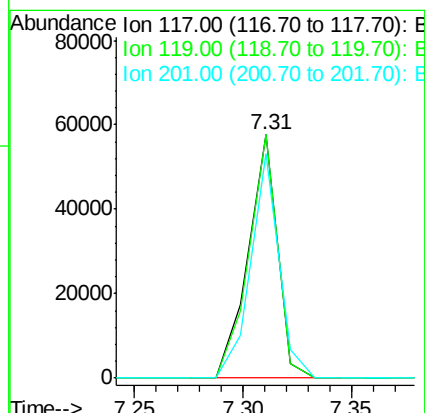
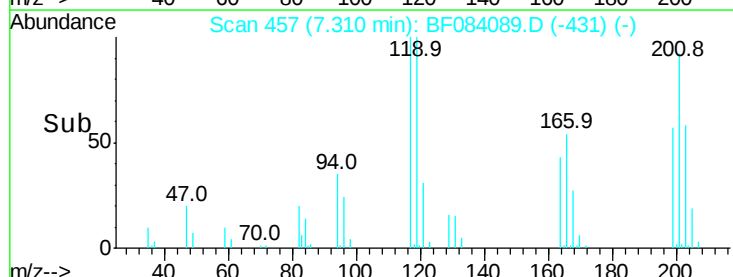
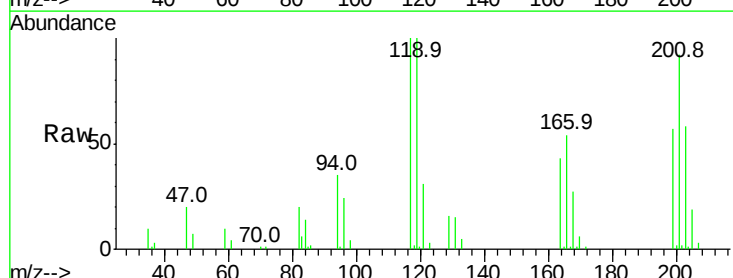
Acq: 24 Dec 2015 20:00

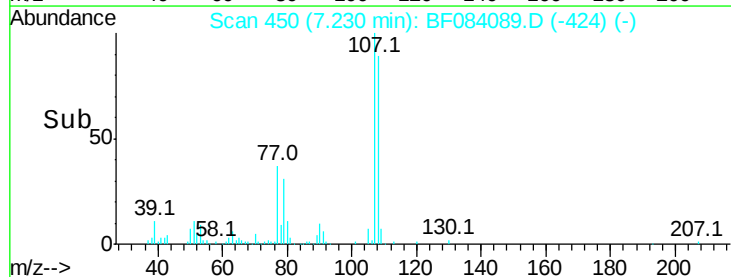
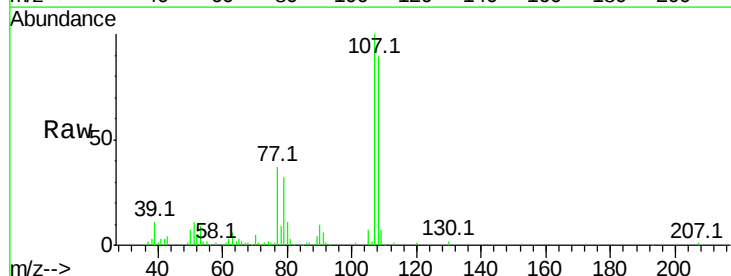
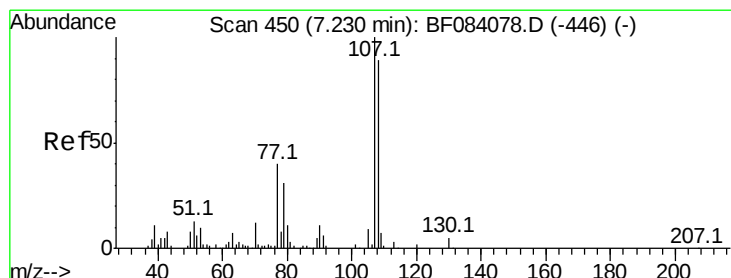
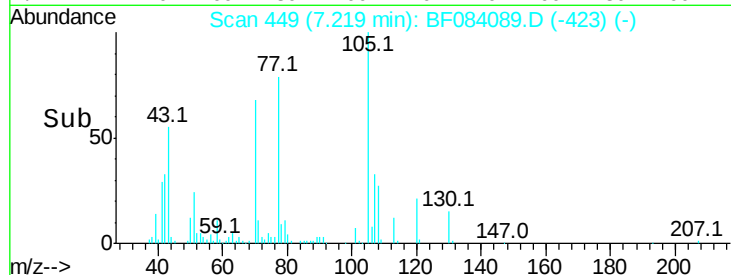
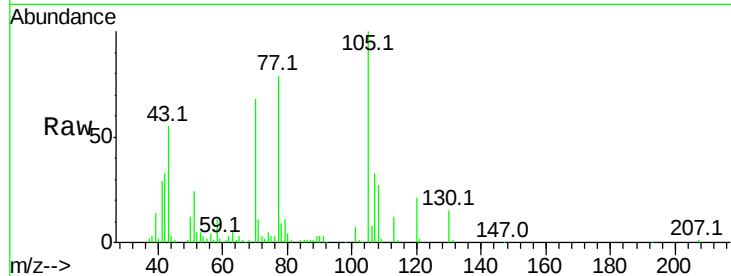
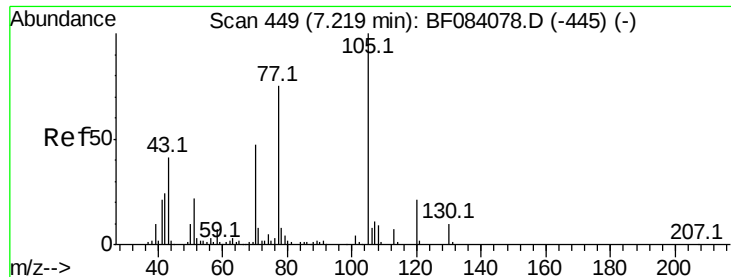
Tgt Ion:117 Resp: 53695
Ion Ratio Lower Upper

117 100

119 99.9 77.4 116.0

201 92.4 68.6 103.0





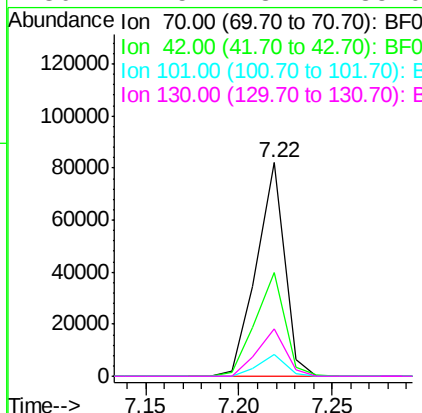
#19
n-Nitroso-di-n-propylamine
Concen: 37.88 ng
RT: 7.22 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.8	33.3	49.9
101	10.0	9.3	13.9
130	22.5	23.4	35.0#

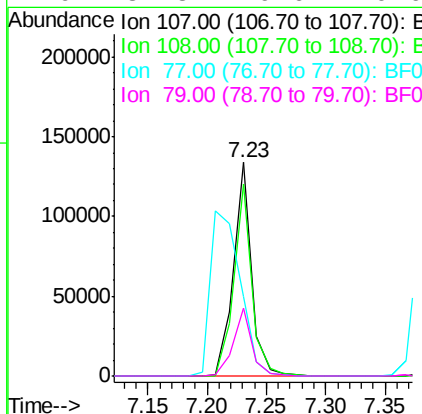
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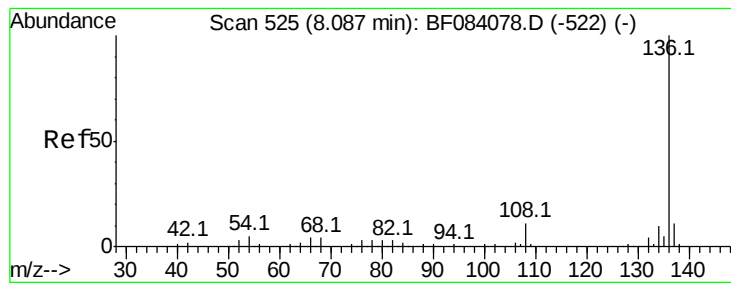
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#20
3+4-Methylphenols
Concen: 39.04 ng
RT: 7.23 min Scan# 450
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	64.1	104.1
77	37.3	128.9	168.9#
79	31.8	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

ClientSampleId :

PB87482BS

Tot Ion:136 Resp: 192359
Ion Ratio Lower Upper

136 100

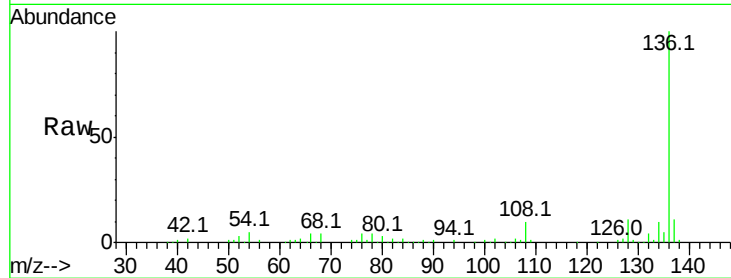
137 10.7 8.7 13.1

54 4.8 5.8 8.8#

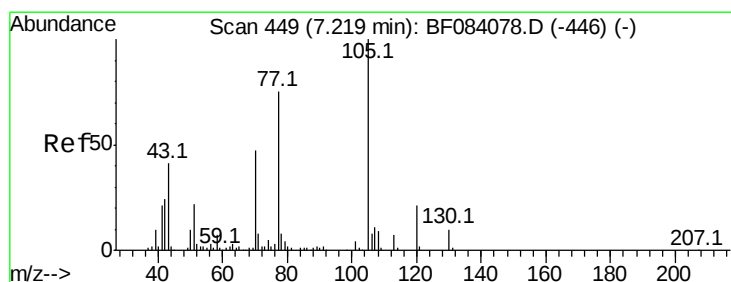
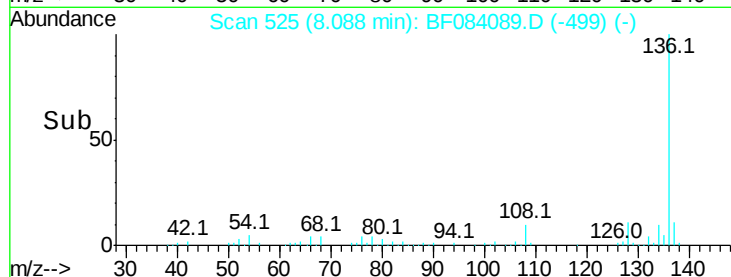
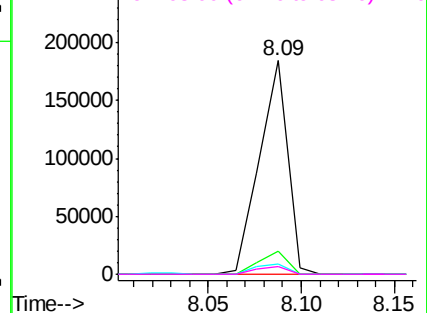
68 3.6 4.2 6.2#

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 37.73 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:105 Resp: 181320
Ion Ratio Lower Upper

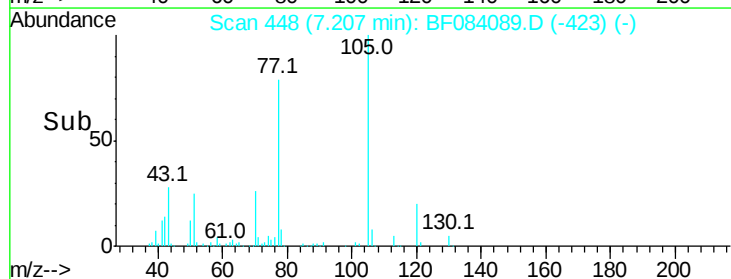
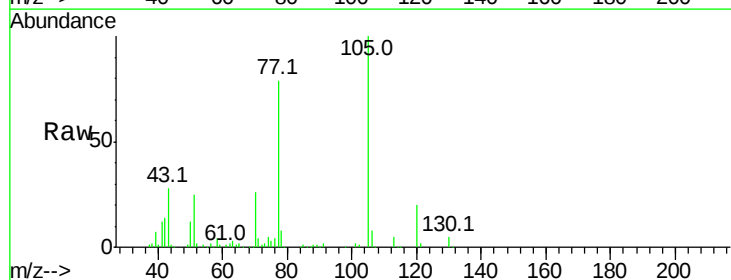
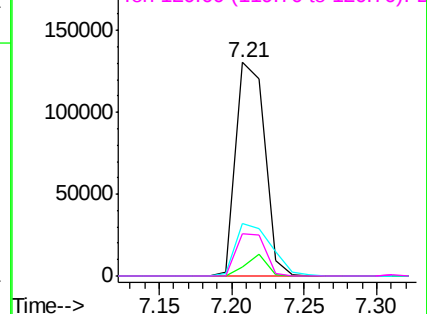
105 100

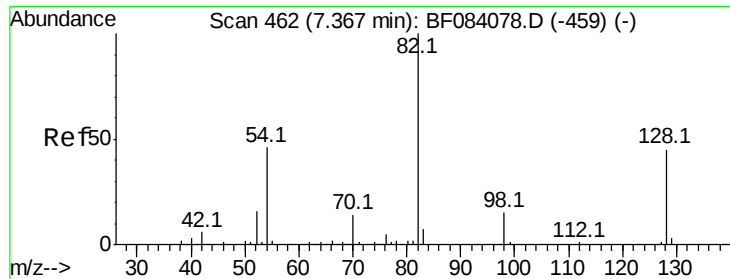
71 4.2 3.7 5.5

51 24.5 25.1 37.7#

120 19.8 16.6 25.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





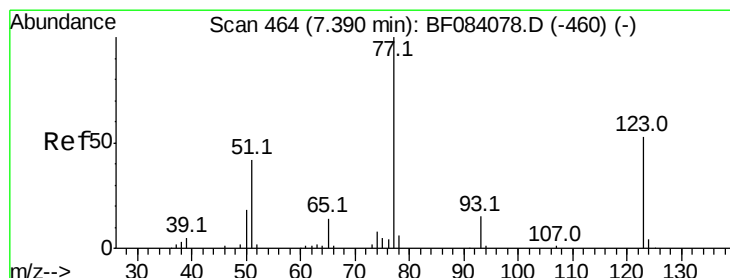
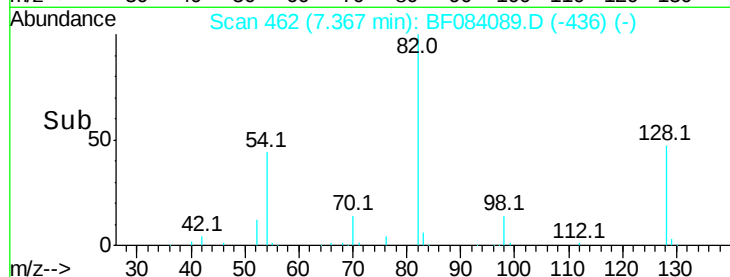
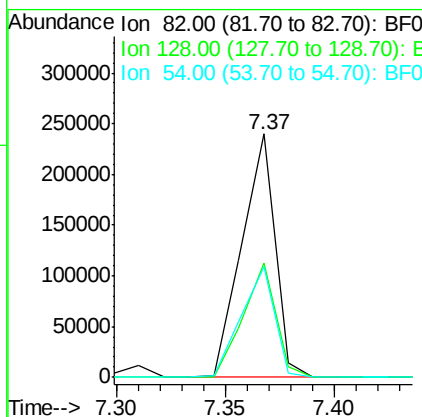
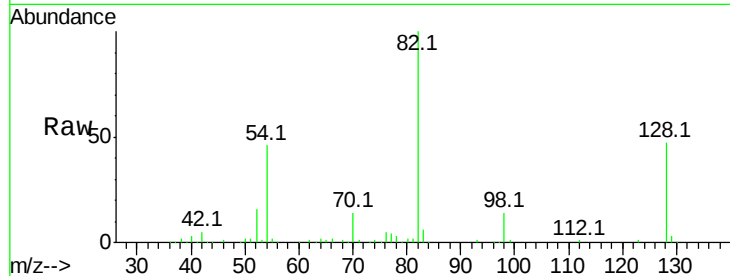
#23
 Nitrobenzene-d5
 Concen: 77.34 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	34.6	51.8
54	45.6	38.4	57.6

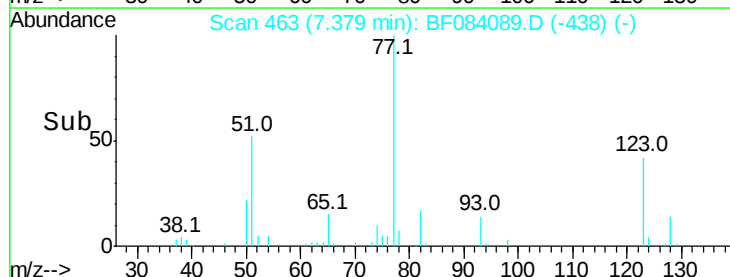
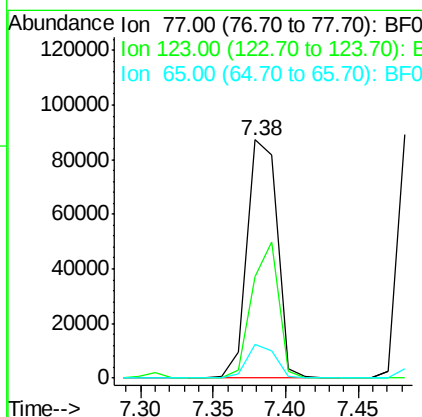
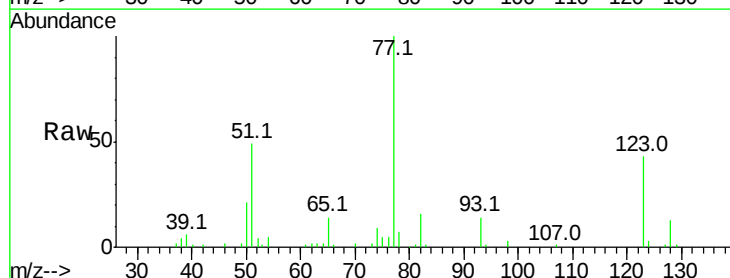
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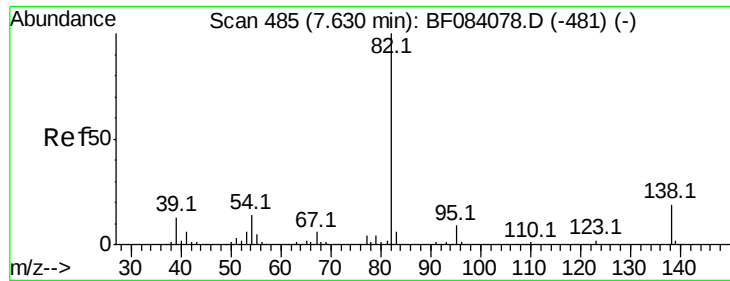
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#24
 Nitrobenzene
 Concen: 35.99 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.01 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.6	37.4	56.2
65	14.1	10.9	16.3





#25

Isophorone

Concen: 38.59 ng

RT: 7.63 min Scan# 485

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

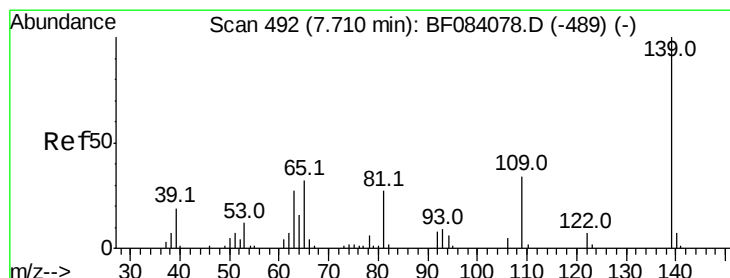
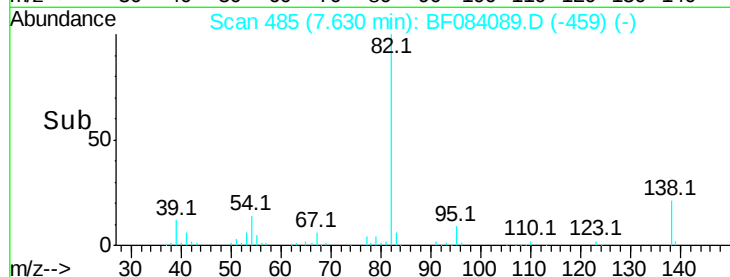
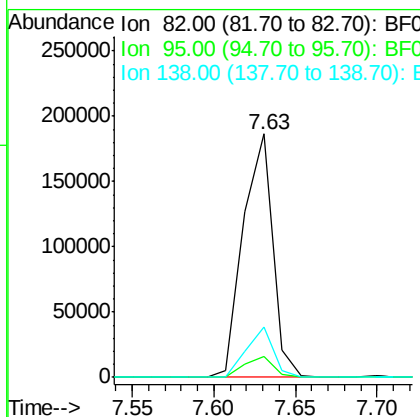
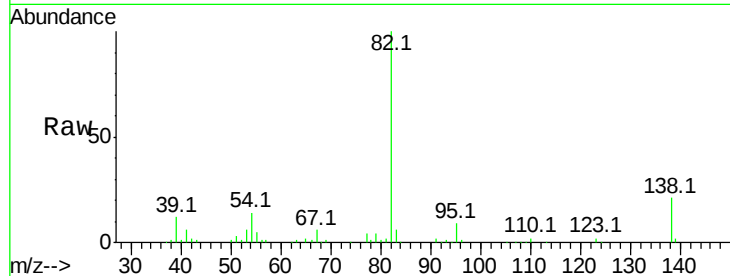
ClientSampleID :

PB87482BS

Tot Ion:	82	Resp:	234604
Ion Ratio	Lower	Upper	
82	100		
95	8.8	6.6	10.0
138	20.6	13.6	20.4#

Manual Integrations
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#26

2-Nitrophenol

Concen: 39.22 ng

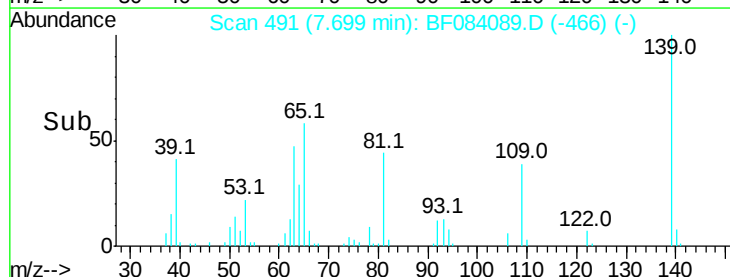
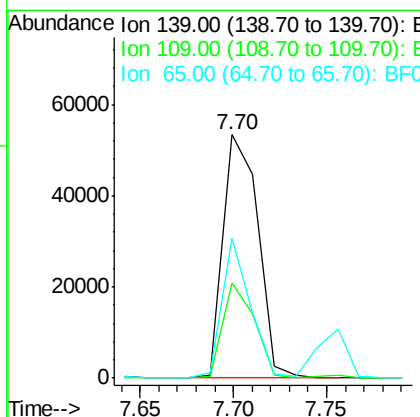
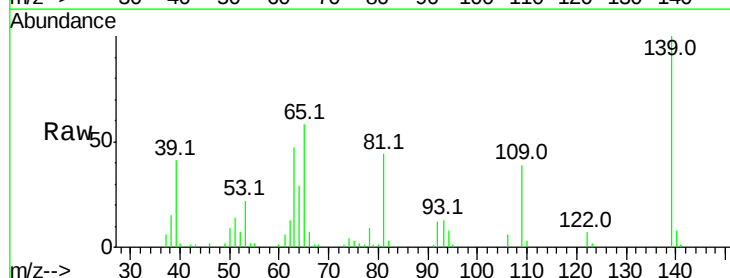
RT: 7.70 min Scan# 491

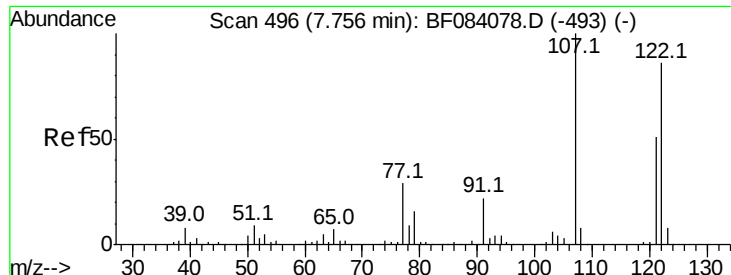
Delta R.T. -0.01 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	139	Resp:	70030
Ion Ratio	Lower	Upper	
139	100		
109	39.0	25.4	38.2#
65	57.5	32.3	48.5#





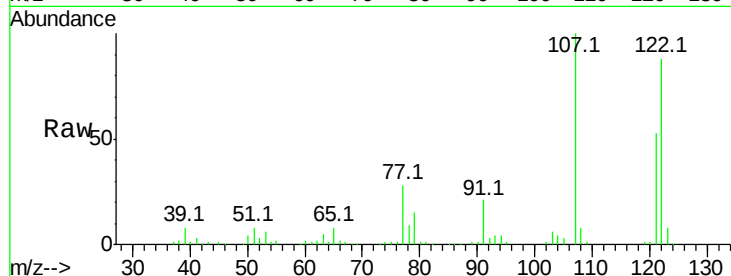
#27
 2,4-Dimethylphenol
 Concen: 42.78 ng
 RT: 7.76 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

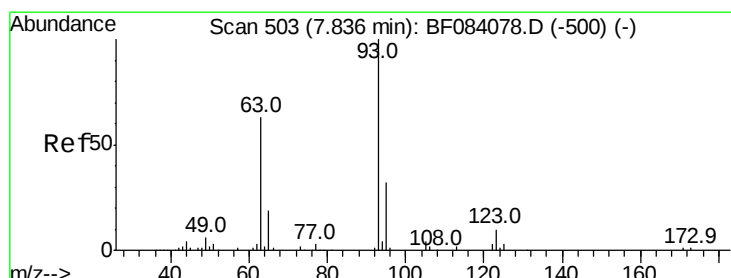
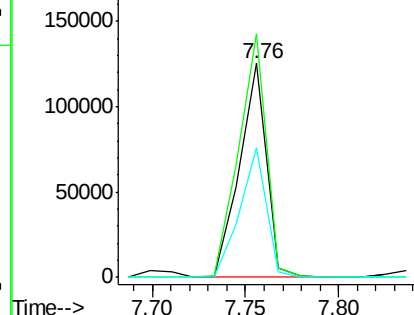
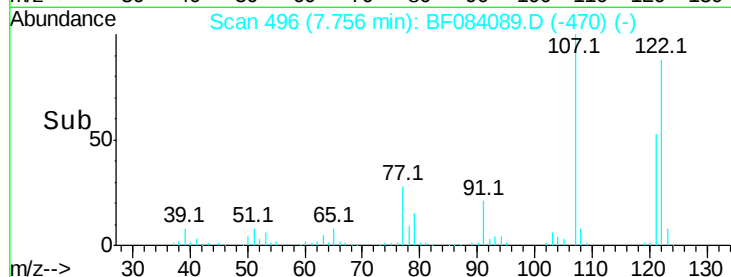
Tot Ion	Ratio	Resp	Lower	Upper
122	100	126785		
107	114.0	99.1	148.7	
121	60.8	47.9	71.9	

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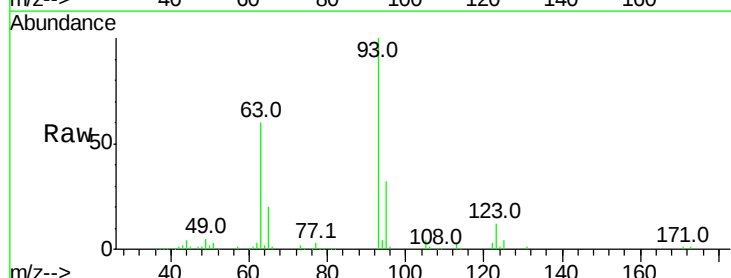


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

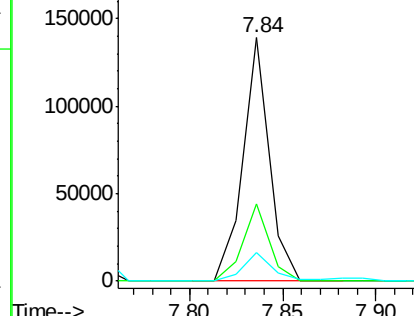
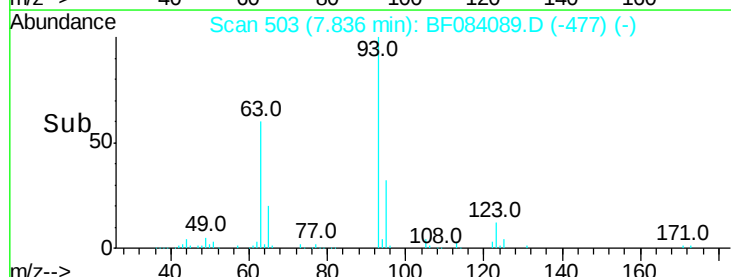


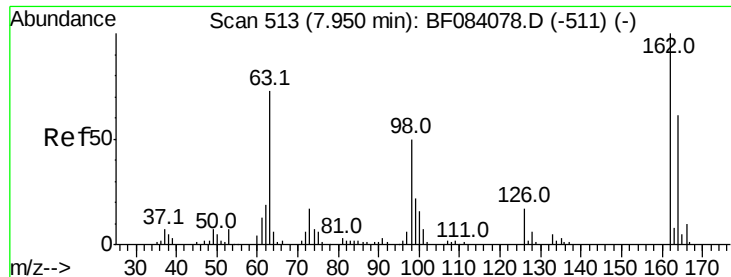
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.71 ng
 RT: 7.84 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	137187		
95	31.5	25.8	38.6	
123	11.5	8.6	12.8	



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





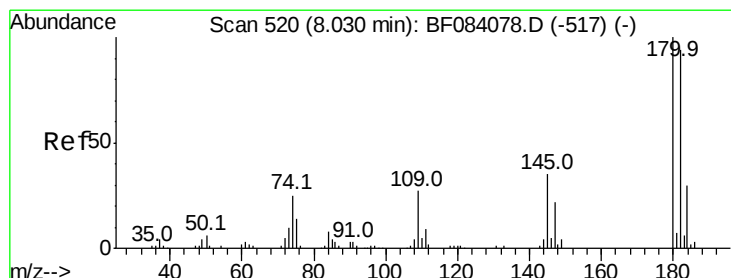
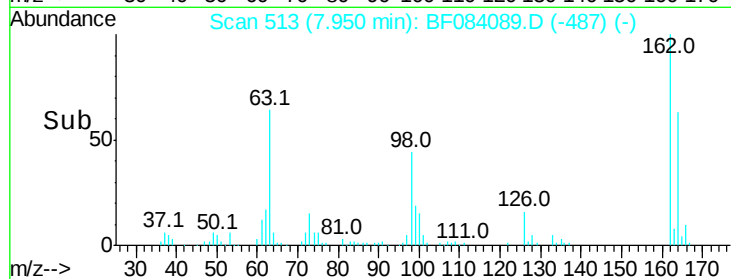
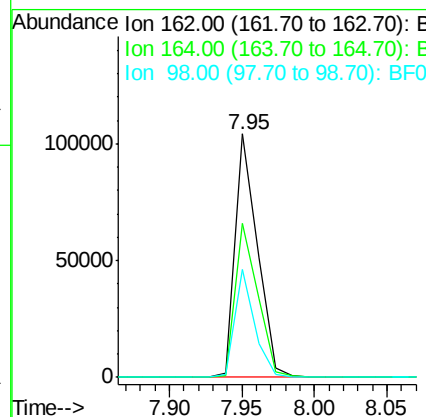
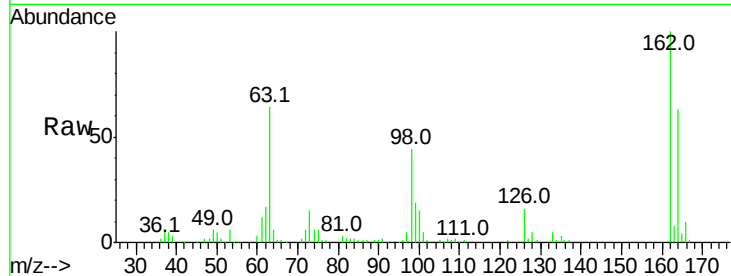
#29
 2,4-Dichlorophenol
 Concen: 40.50 ng
 RT: 7.95 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.4	44.1	84.1
98	44.4	20.2	60.2

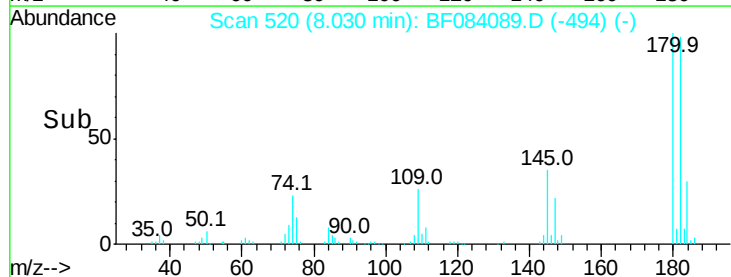
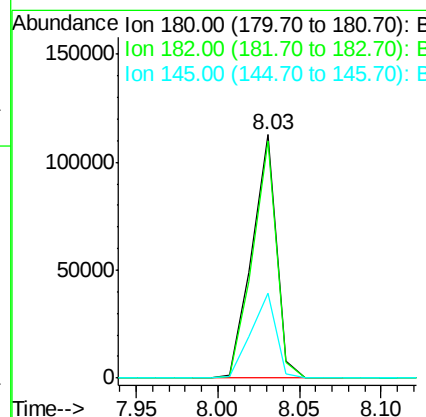
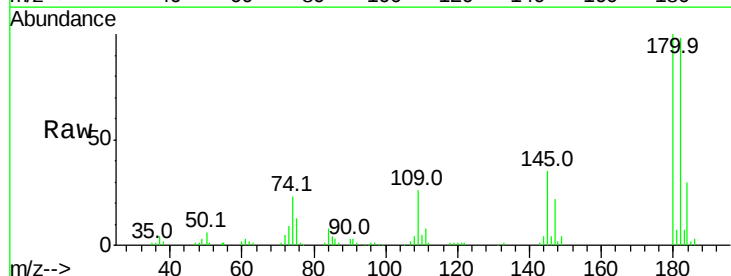
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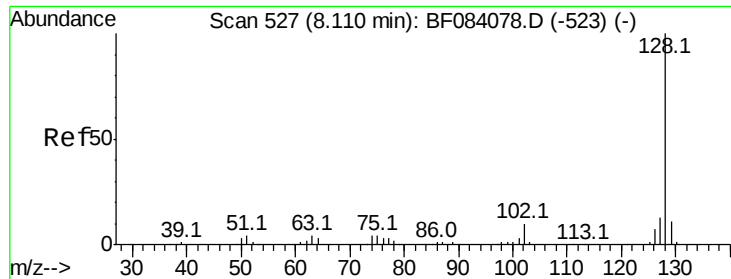
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.95 ng
 RT: 8.03 min Scan# 520
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.5	76.4	114.6
145	35.1	31.6	47.4





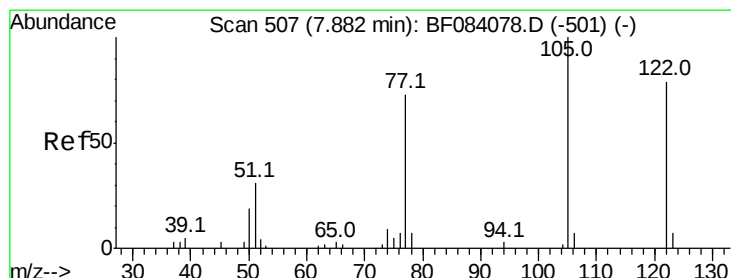
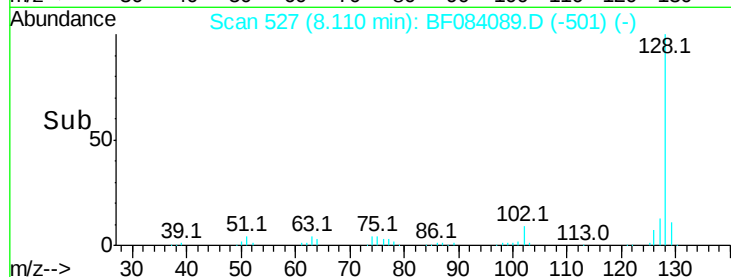
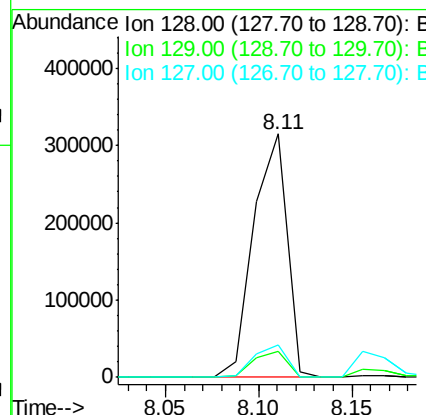
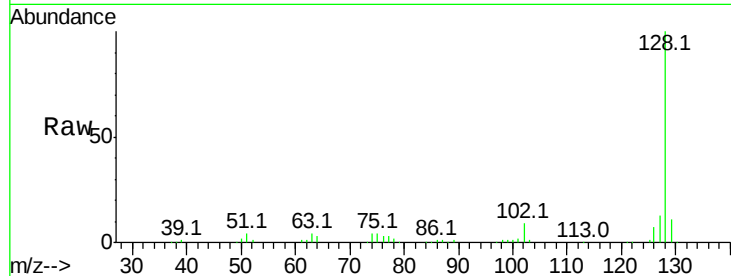
#31
Naphthalene
Concen: 38.33 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	10.8	9.1	13.7
127	13.4	11.1	16.7

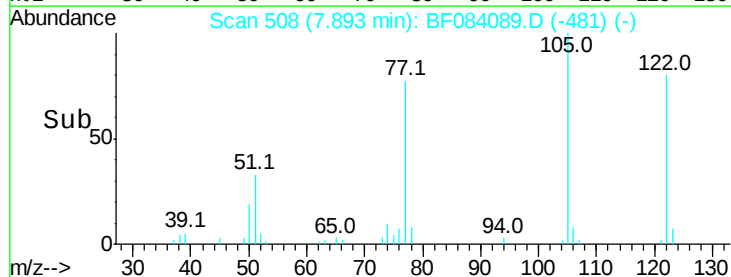
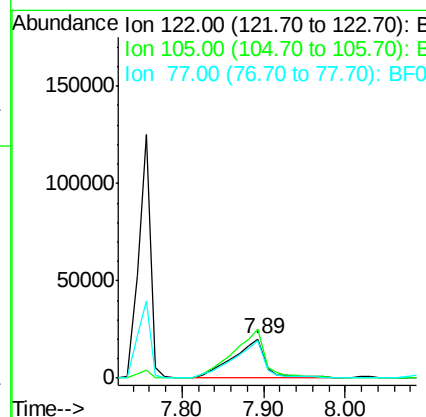
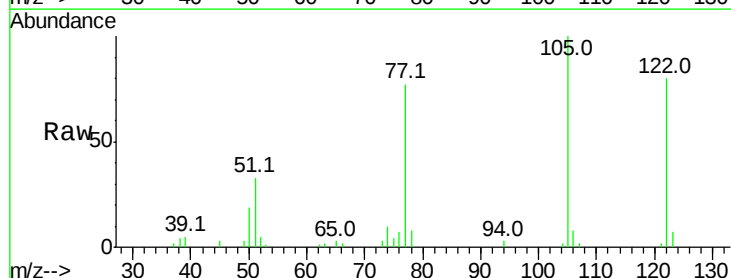
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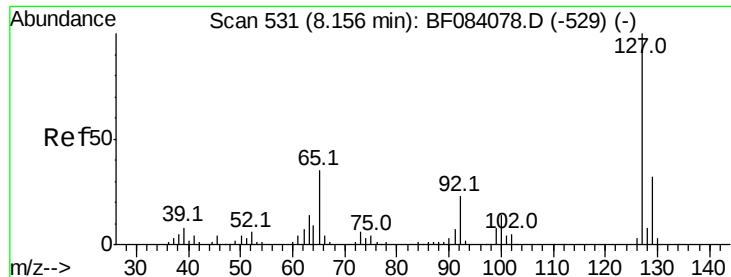
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#32
Benzoic acid
Concen: 40.36 ng
RT: 7.89 min Scan# 508
Delta R.T. 0.01 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	125.3	100.3	140.3
77	96.7	63.5	103.5





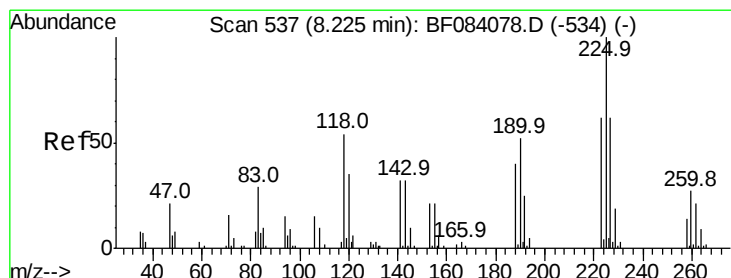
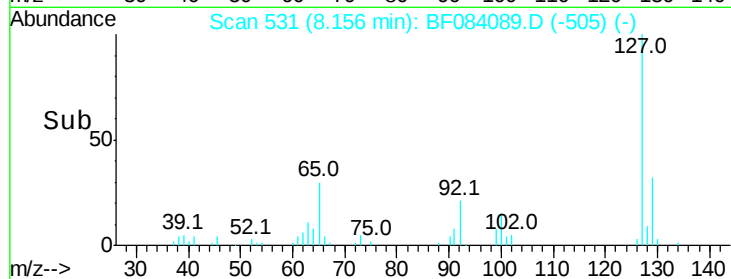
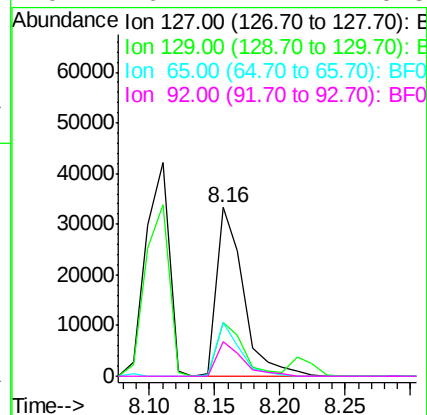
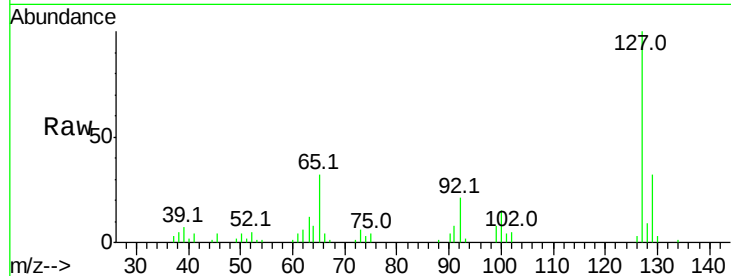
#33
4-Chloroaniline
Concen: 11.78 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		47990		
129	31.8	26.5	39.7		
65	31.6	27.2	40.8		
92	20.7	17.7	26.5		

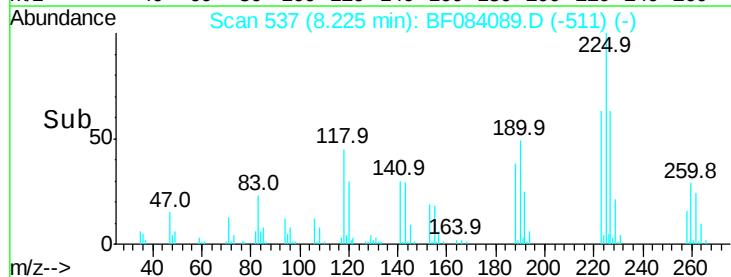
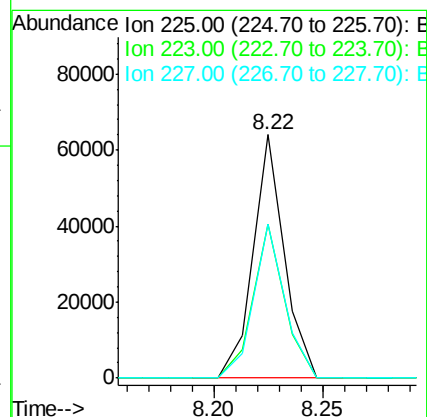
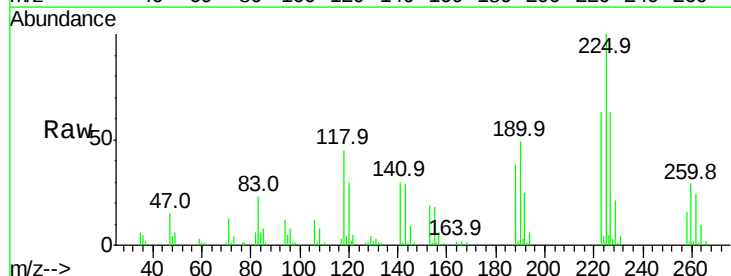
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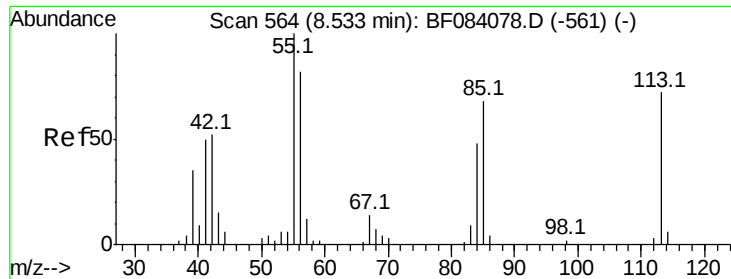
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#34
Hexachlorobutadiene
Concen: 37.15 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		63921		
223	63.4	49.4	74.0		
227	63.4	50.8	76.2		





#35

Caprolactam

Concen: 47.52 ng/ml

RT: 8.53 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

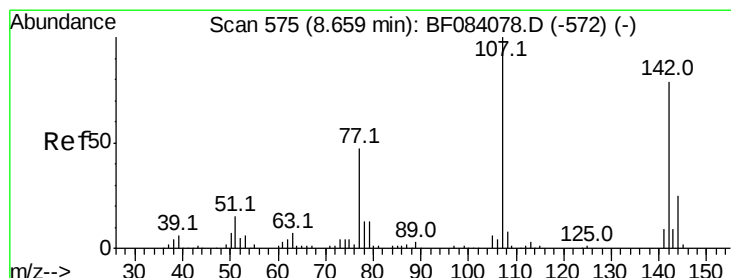
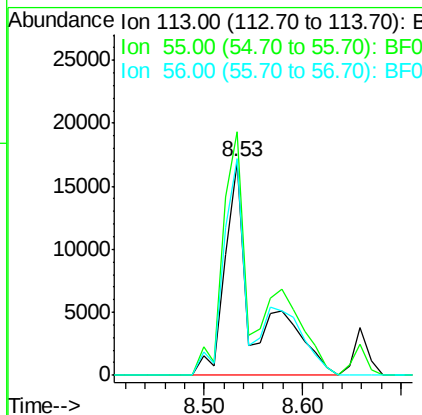
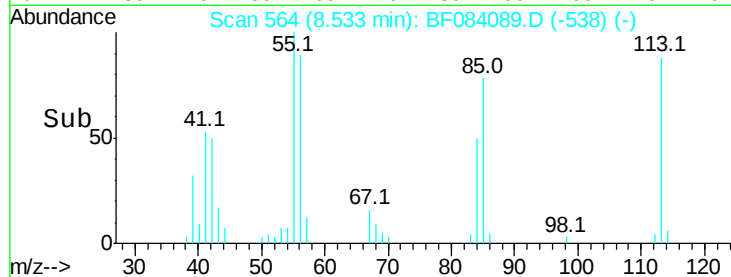
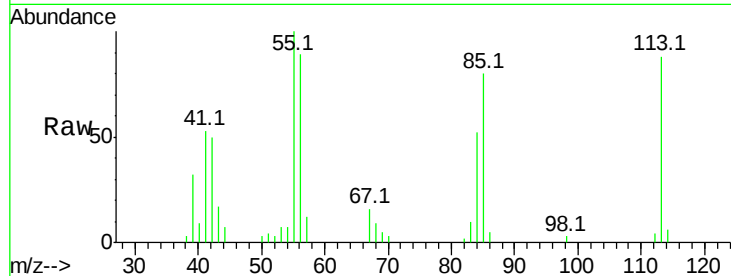
ClientSampleID :

PB87482BS

Tot Ion:	113	Resp:	36276
Ion Ratio	Lower	Upper	
113	100		
55	114.1	116.9	156.9#
56	101.4	93.8	133.8

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#36

4-Chloro-3-methylphenol

Concen: 40.40 ng/ml

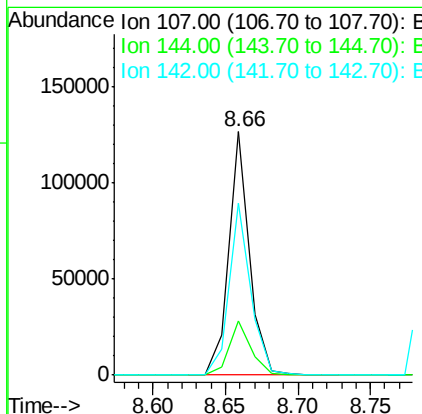
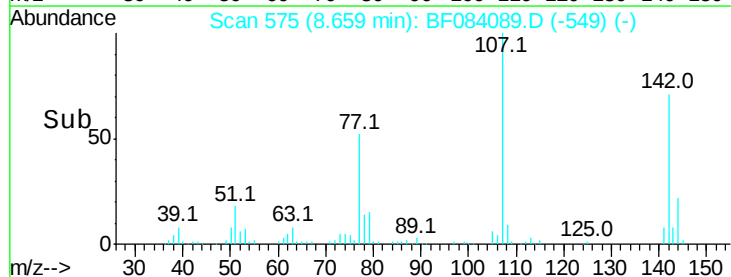
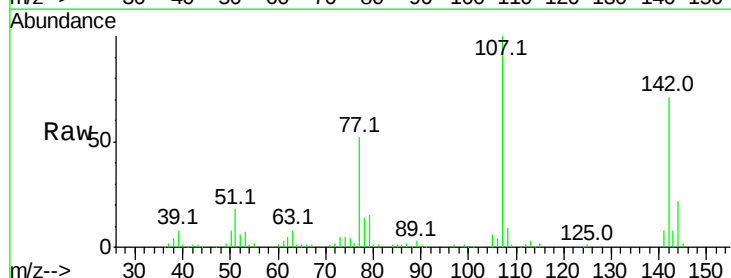
RT: 8.66 min Scan# 575

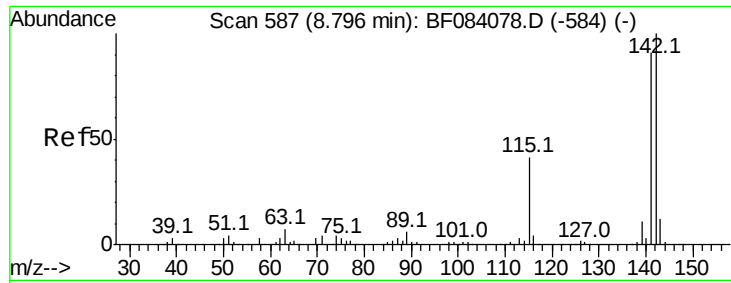
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	107	Resp:	125047
Ion Ratio	Lower	Upper	
107	100		
144	22.4	19.7	29.5
142	70.5	61.8	92.6





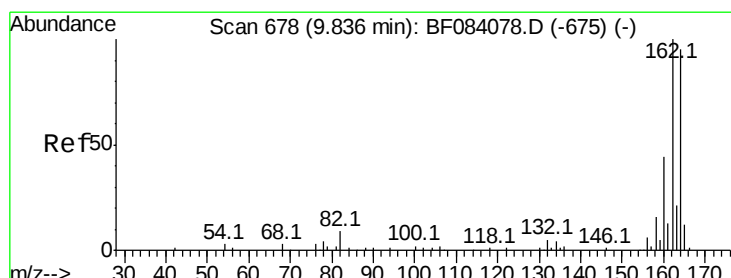
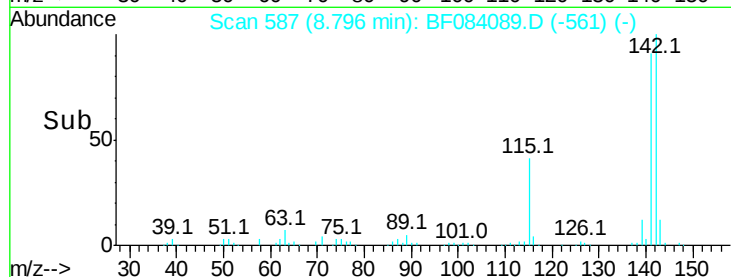
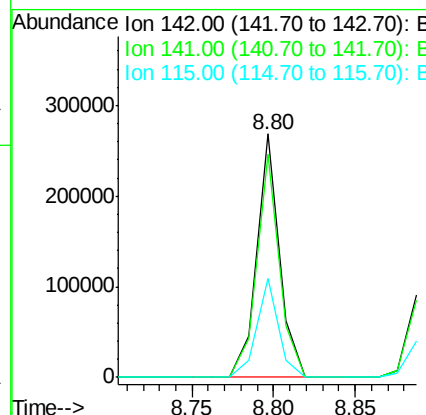
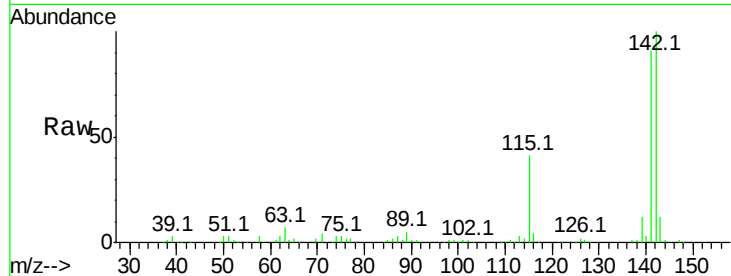
#37
2-Methylnaphthalene
Concen: 40.55 ng
RT: 8.80 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	259750		
141	91.5	72.4	108.6	
115	40.5	27.9	41.9	

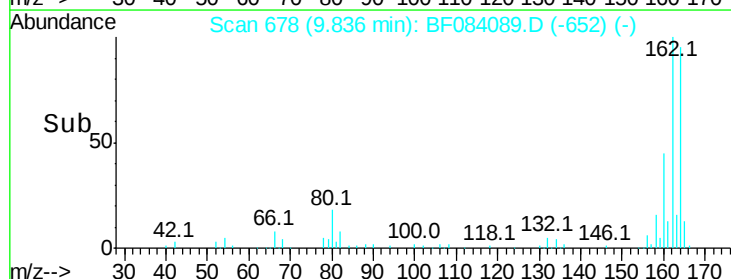
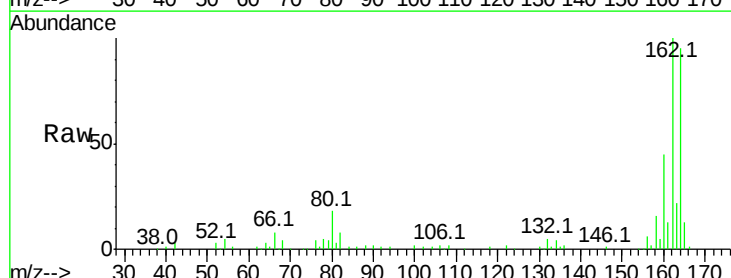
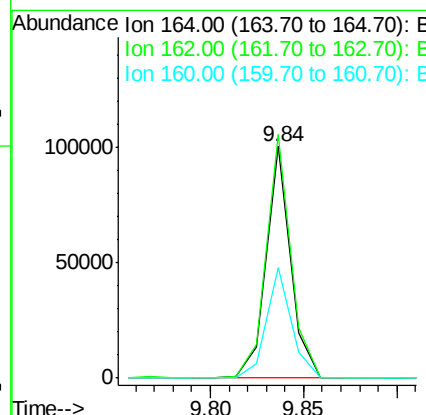
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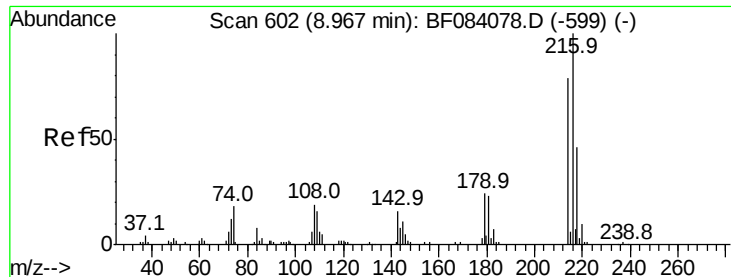
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	92036		
162	105.0	85.1	127.7	
160	47.7	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.21 ng

RT: 8.97 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

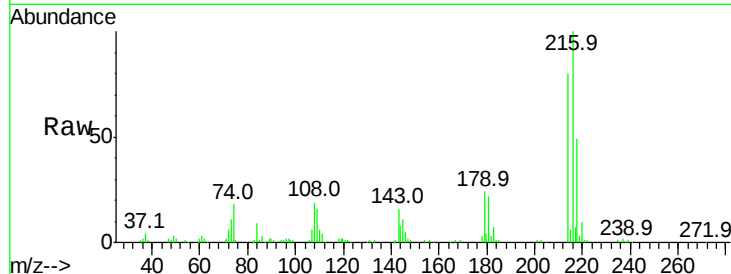
ClientSampleId :

PB87482BS

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Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	64.2	96.2	
179	23.5	18.7	28.1	
108	22.0	16.8	25.2	

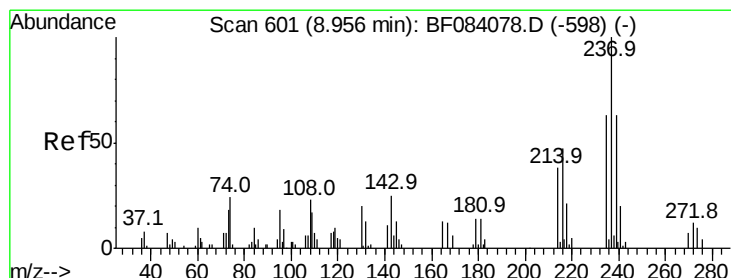
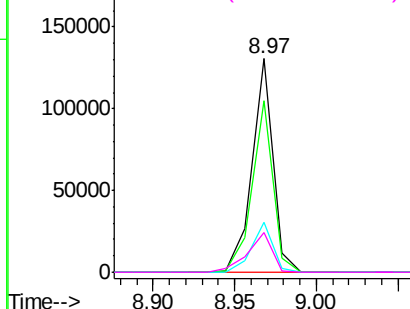
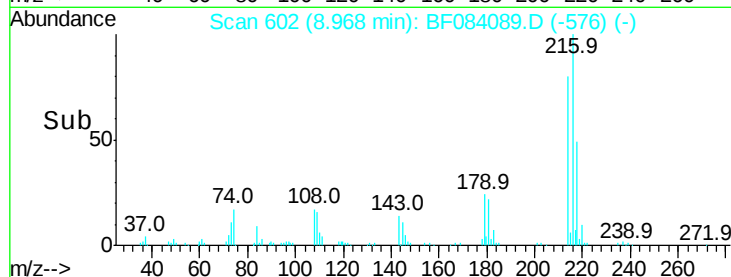


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 81.76 ng

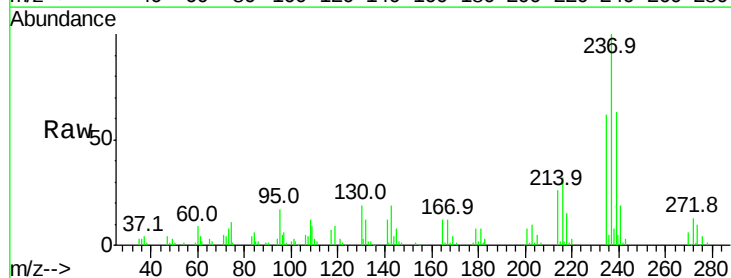
RT: 8.96 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

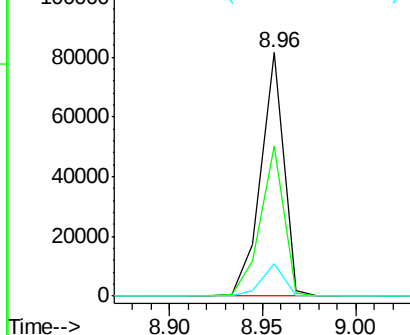
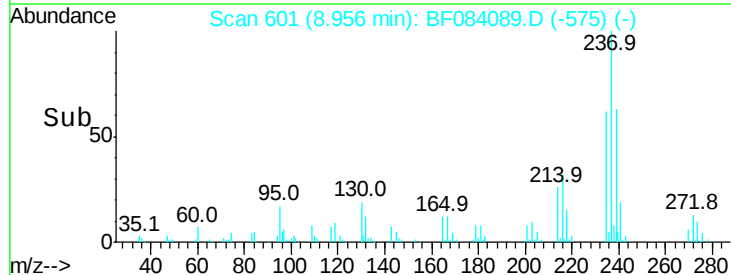
Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	61.7	43.1	83.1	
272	13.1	0.0	35.1	

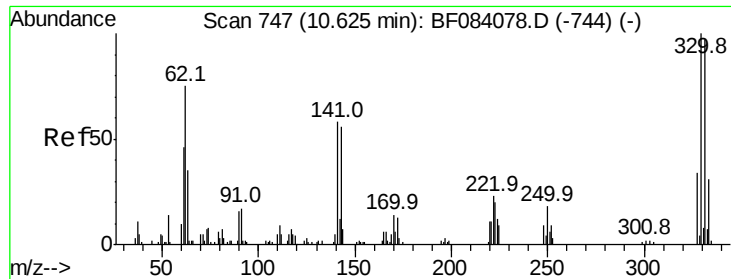


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





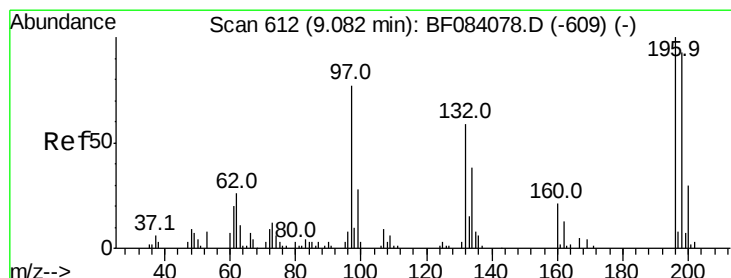
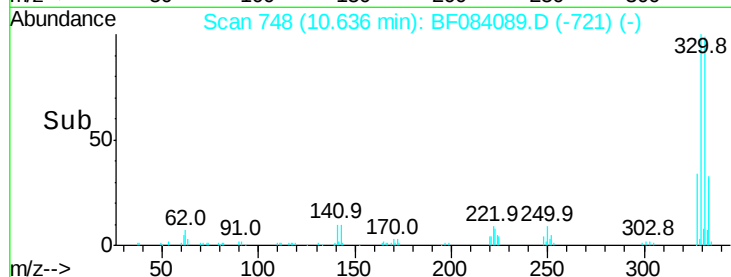
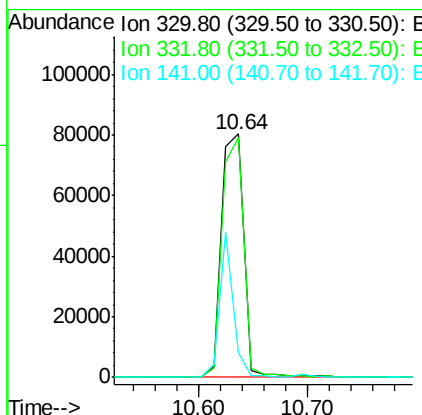
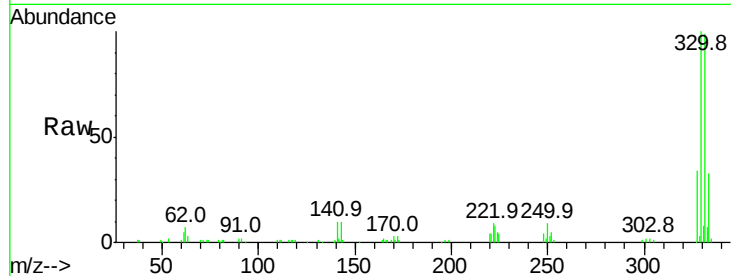
#41
 2,4,6-Tribromophenol
 Concen: 116.26 ng
 RT: 10.64 min Scan# 748
 Delta R.T. 0.01 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	114109		
332	96.4	76.6	114.8	
141	37.3	27.8	41.6	

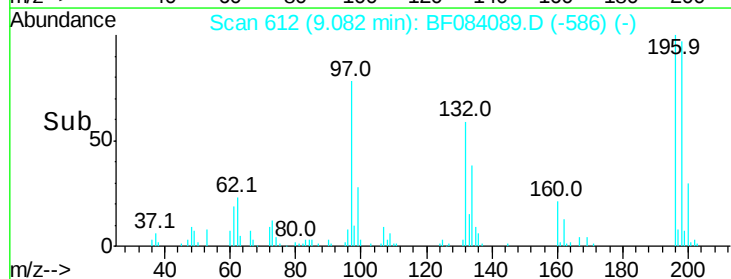
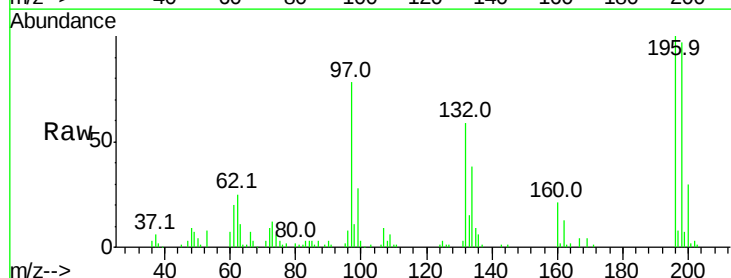
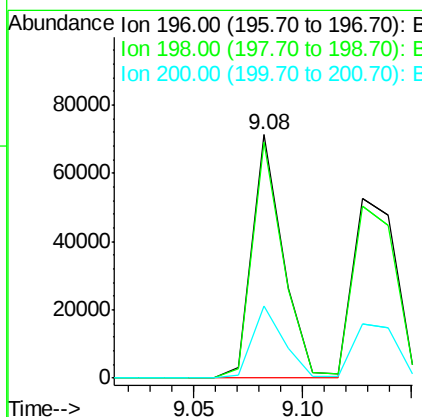
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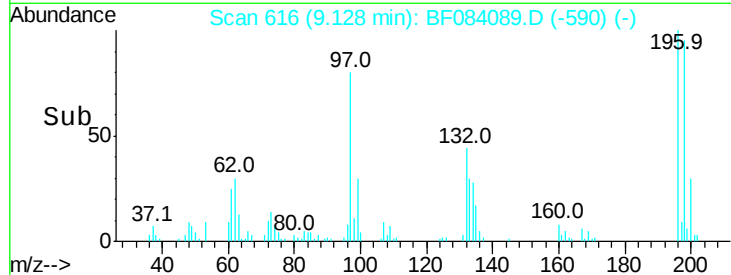
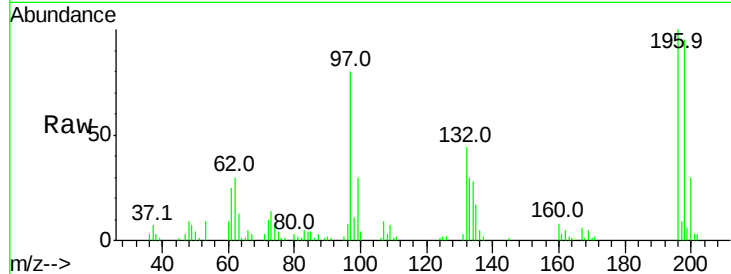
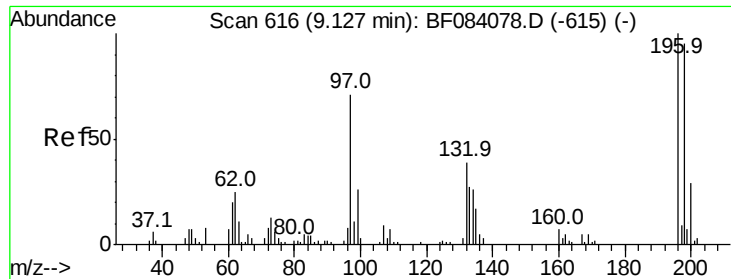
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#42
 2,4,6-Trichlorophenol
 Concen: 37.73 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	71373		
198	96.9	77.7	116.5	
200	29.9	24.6	37.0	





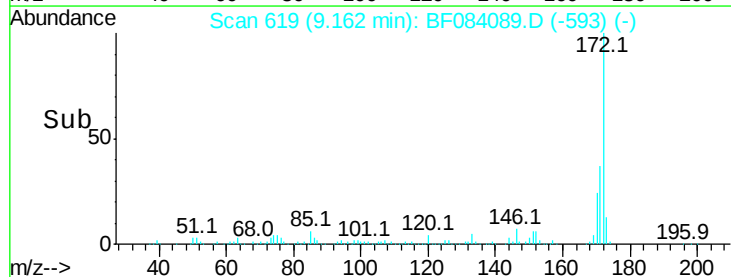
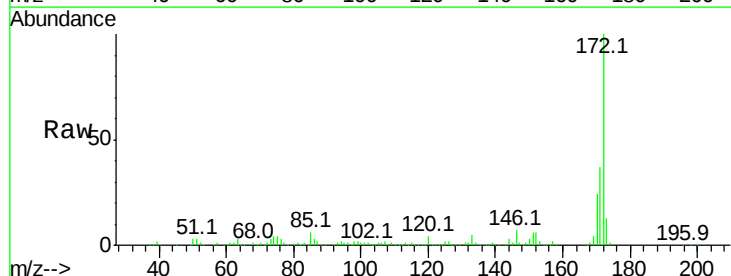
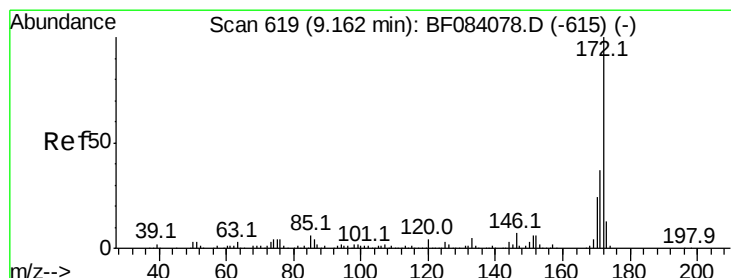
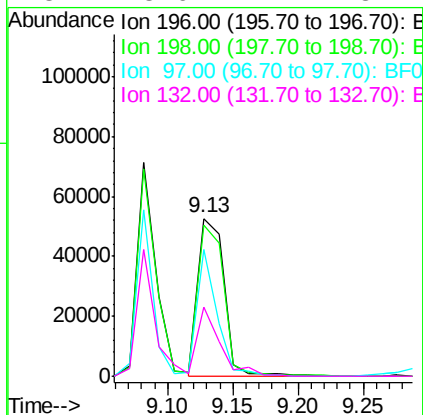
#43
 2,4,5-Trichlorophenol
 Concen: 39.06 ng
 RT: 9.13 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

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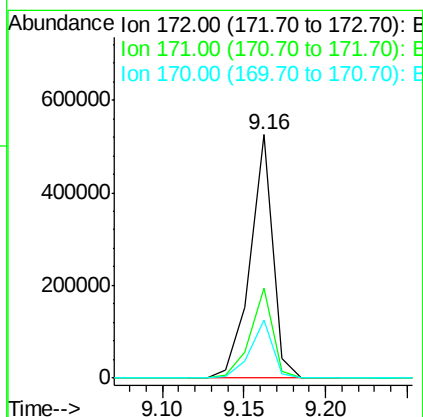
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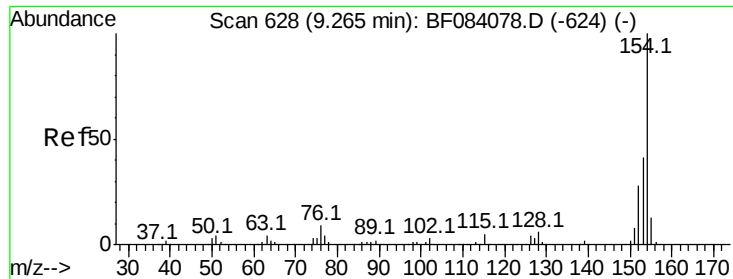
Tot Ion	196	Resp	73953
Ion Ratio	Lower	Upper	
196	100		
198	95.3	79.0	118.6
97	79.9	33.0	49.6#
132	43.6	21.1	31.7#



#44
 2-Fluorobiphenyl
 Concen: 75.28 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	172	Resp	506337
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.9	43.3
170	24.0	18.6	27.8





#45

1,1'-Biphenyl

Concen: 40.69 ng

RT: 9.26 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

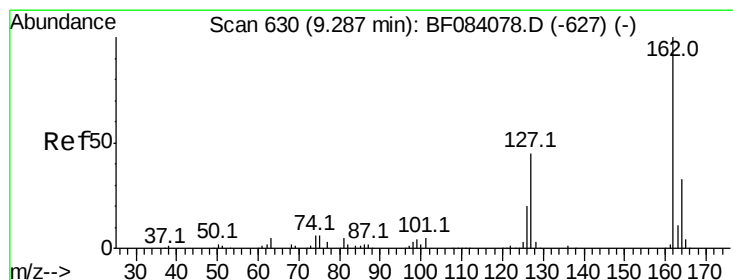
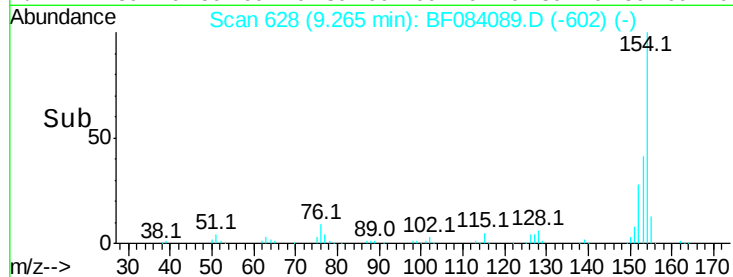
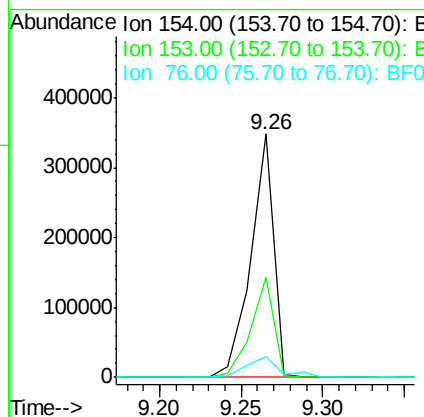
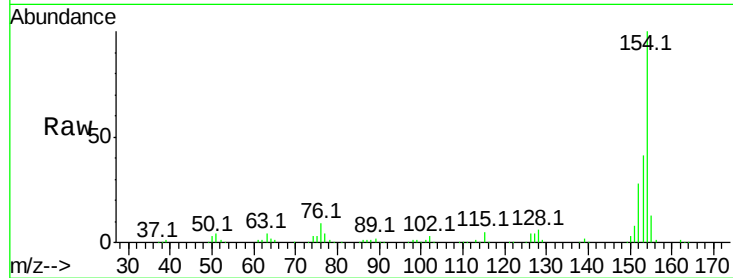
ClientSampleId :

PB87482BS

Tot Ion:	154	Resp:	338343
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.6	61.6
76	8.6	0.0	32.7

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#46

2-Chloronaphthalene

Concen: 40.13 ng

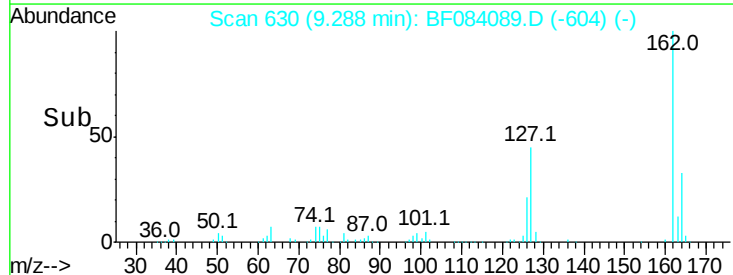
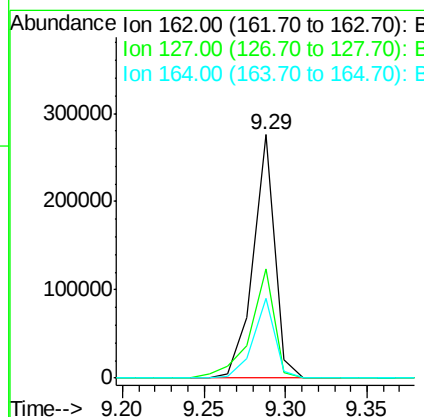
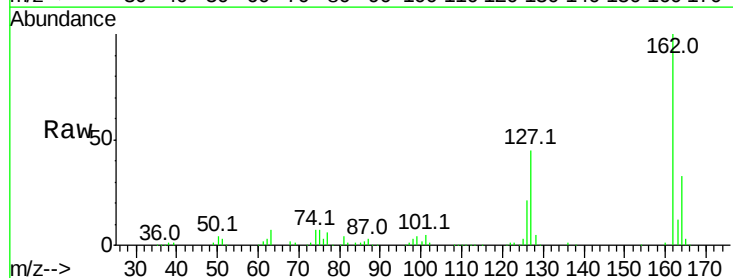
RT: 9.29 min Scan# 630

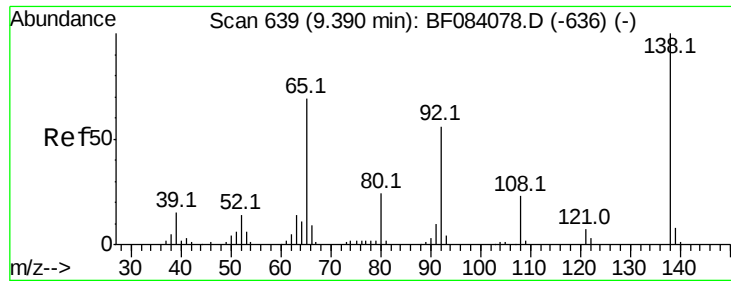
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	162	Resp:	253671
Ion Ratio	Lower	Upper	
162	100		
127	45.0	40.2	60.4
164	32.9	25.7	38.5





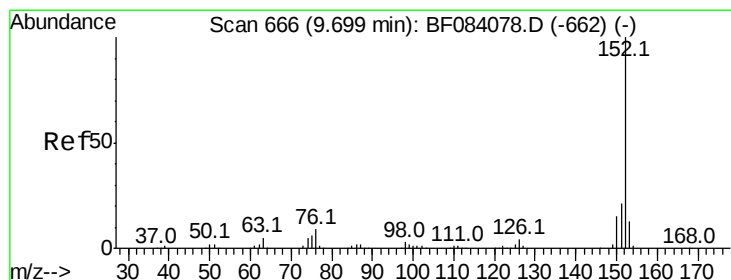
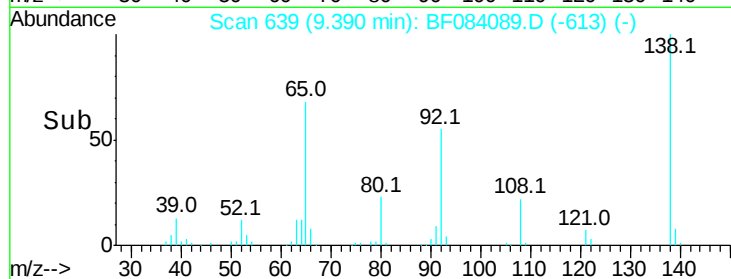
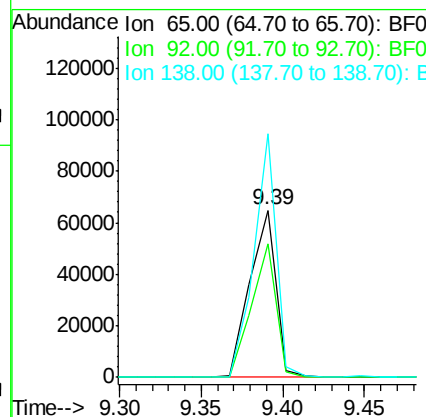
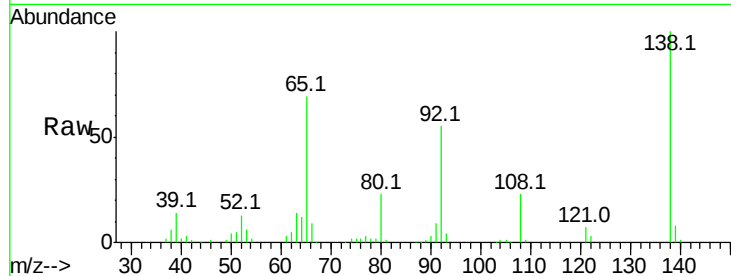
#47
2-Nitroaniline
Concen: 42.66 ng
RT: 9.39 min Scan# 639
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	80.2	53.4	80.2#
138	145.9	71.1	106.7#

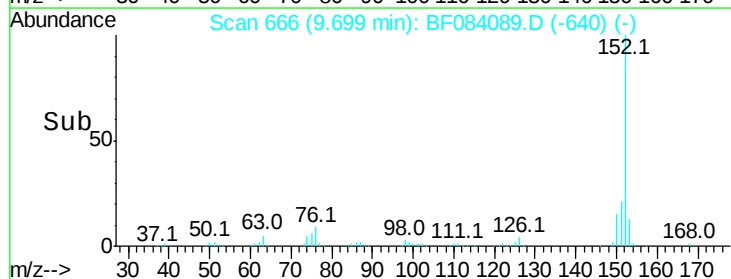
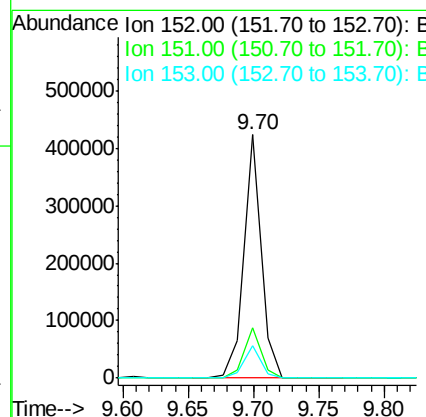
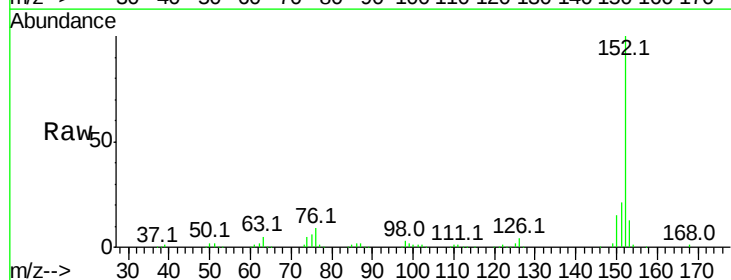
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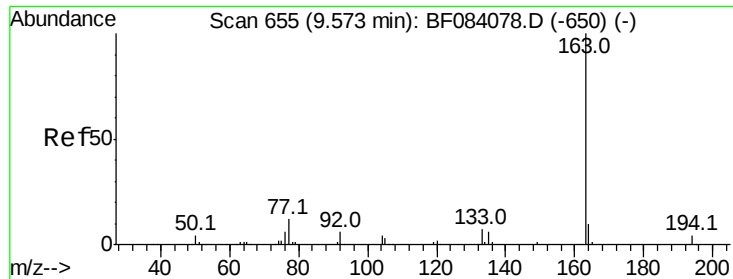
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#48
Acenaphthylene
Concen: 37.44 ng
RT: 9.70 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.3	24.5
153	13.3	10.4	15.6





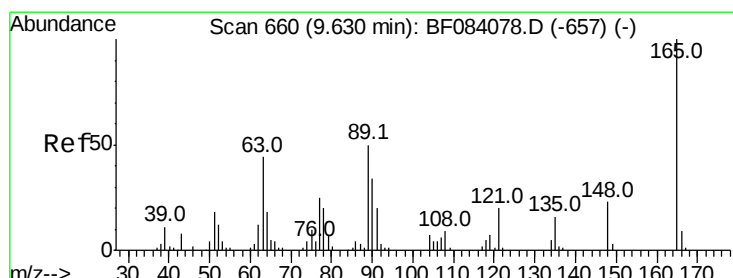
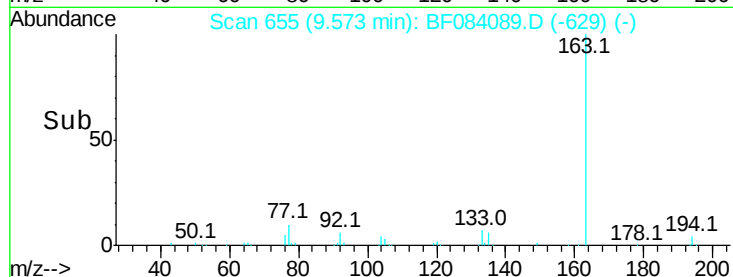
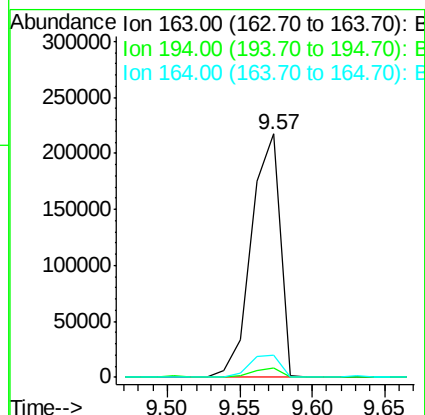
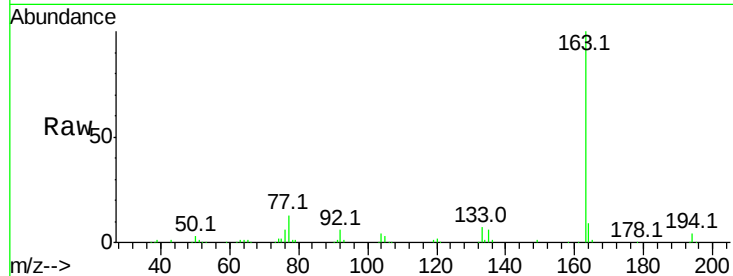
#49
Dimethylphthalate
Concen: 39.06 ng
RT: 9.57 min Scan# 655
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.7	8.0	12.0#
164	9.2	8.0	12.0

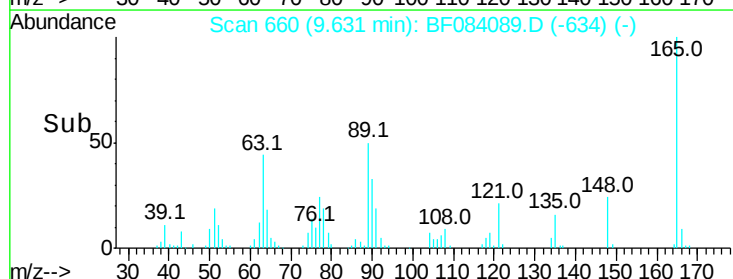
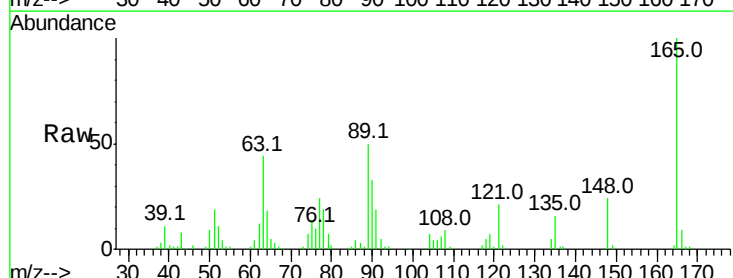
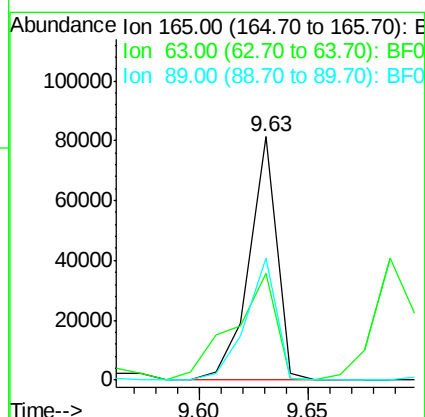
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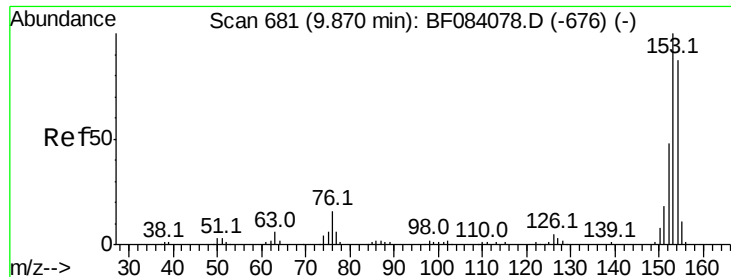
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#50
2,6-Dinitrotoluene
Concen: 44.61 ng
RT: 9.63 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	43.8	28.8	43.2#
89	49.9	35.1	52.7





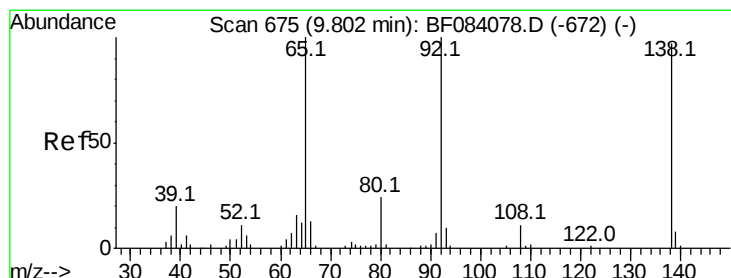
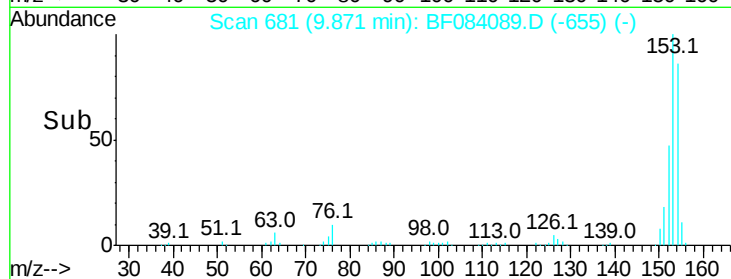
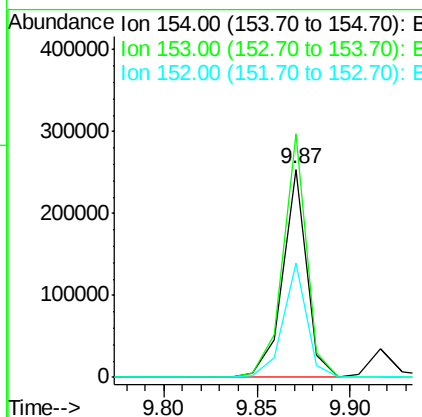
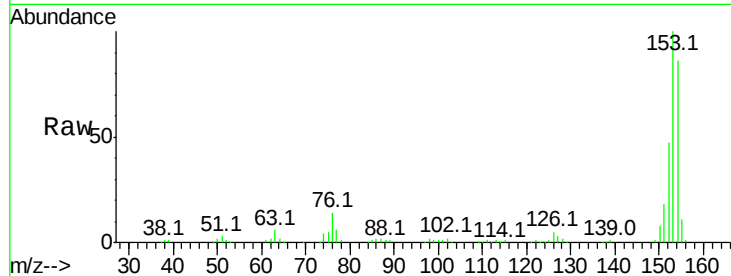
#51
Acenaphthene
Concen: 37.75 ng
RT: 9.87 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.8	91.5	137.3
152	54.9	43.0	64.6

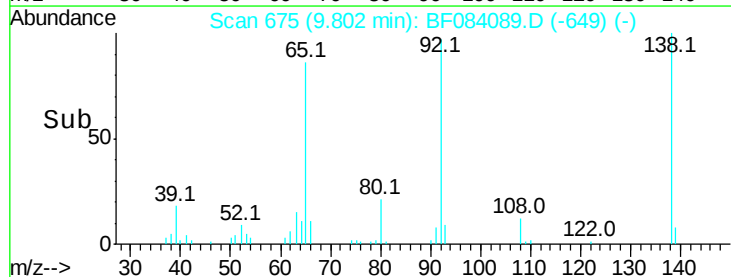
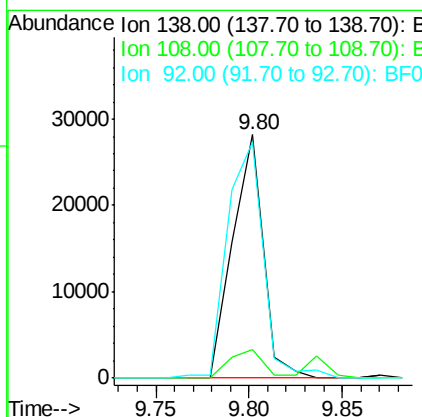
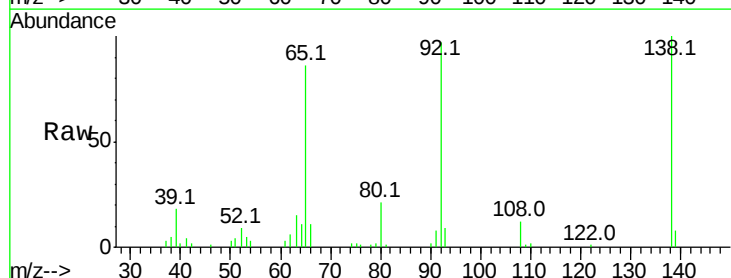
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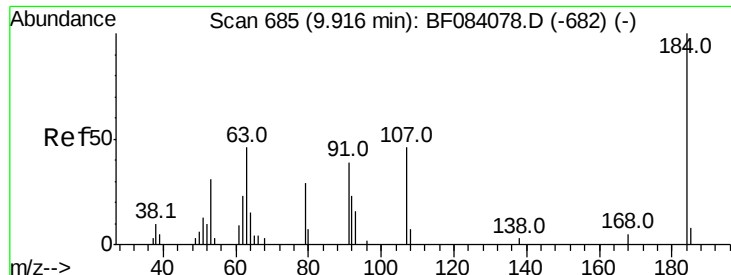
Sohil
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#52
3-Nitroaniline
Concen: 18.62 ng
RT: 9.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	10.5	15.7
92	96.8	103.9	155.9#





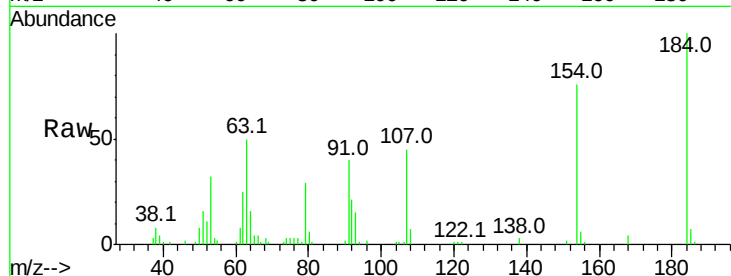
#53
 2,4-Dinitrophenol
 Concen: 73.88 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

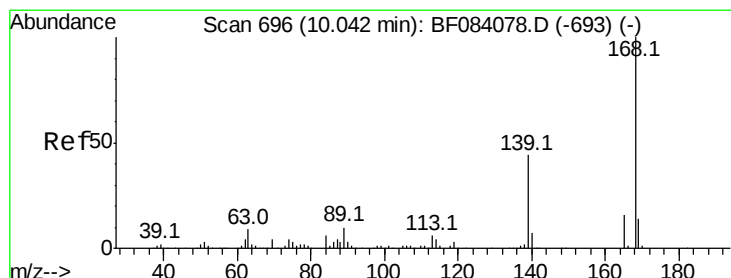
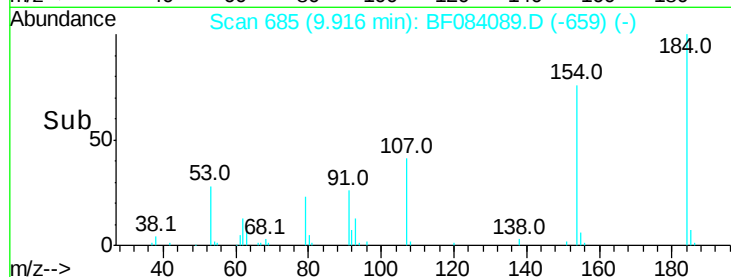
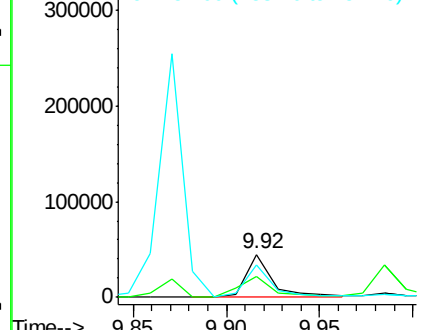
Tot Ion	Ratio	Lower	Upper
184	100		
63	50.1	43.1	64.7
154	76.4	60.5	90.7

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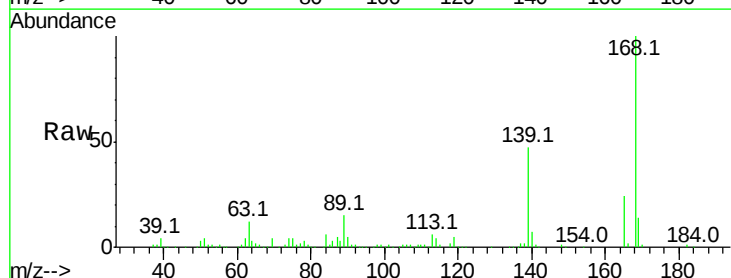


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

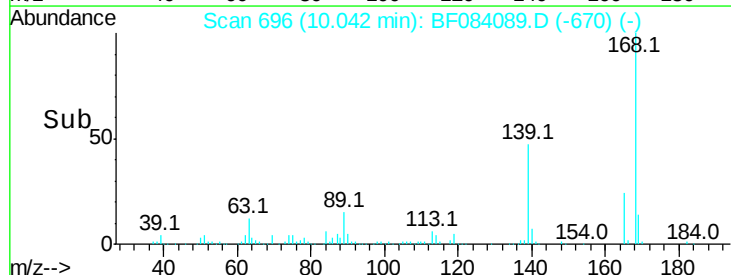
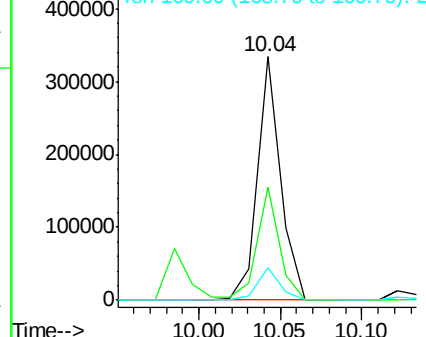


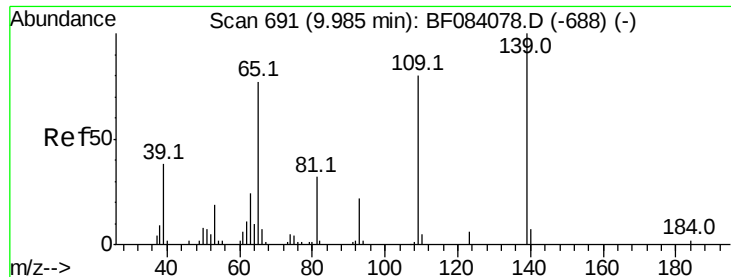
#54
 Dibenzofuran
 Concen: 39.47 ng
 RT: 10.04 min Scan# 696
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.5	30.5	45.7#
169	13.5	10.4	15.6



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





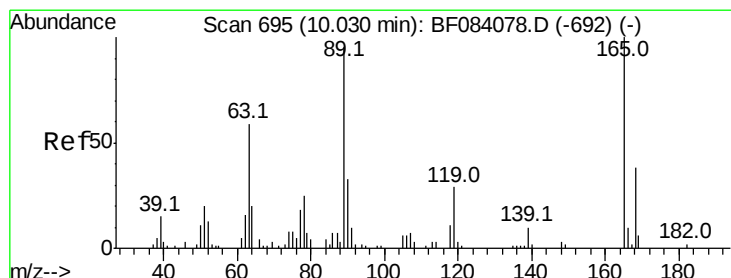
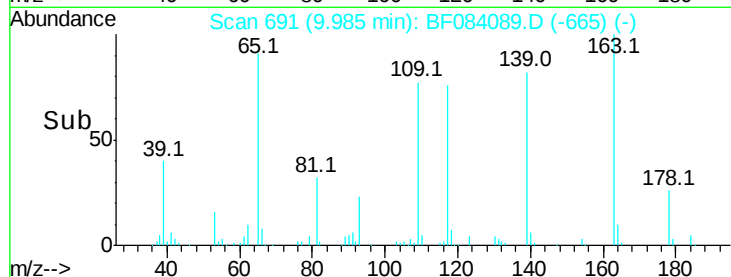
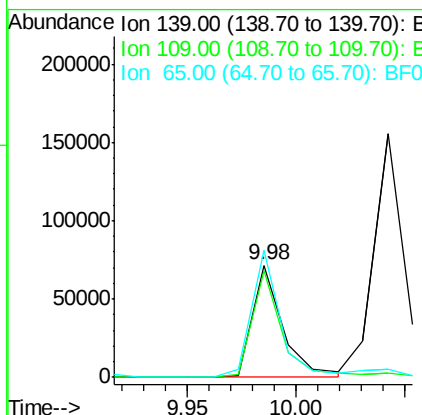
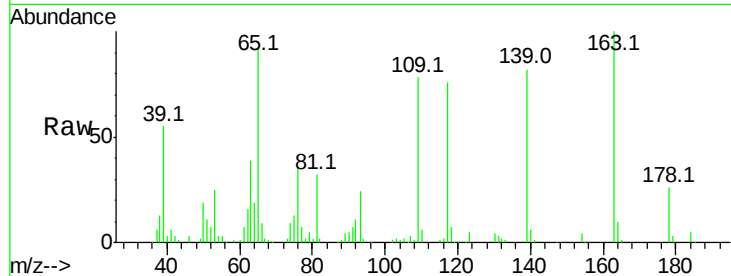
#55
4-Nitrophenol
Concen: 79.22 ng
RT: 9.98 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	70214		
109	95.1	58.5	98.5	
65	113.8	57.6	97.6	

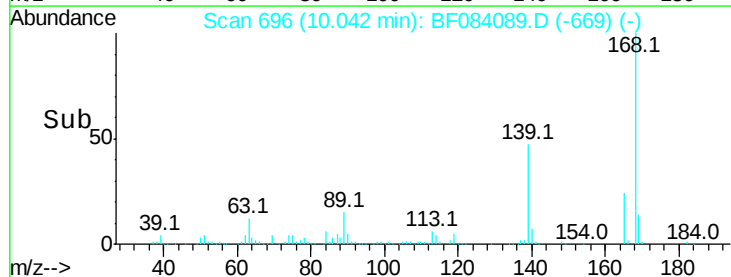
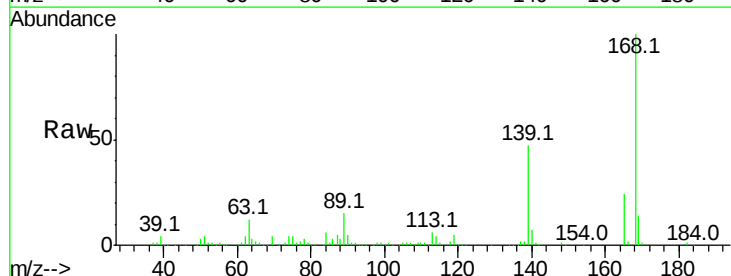
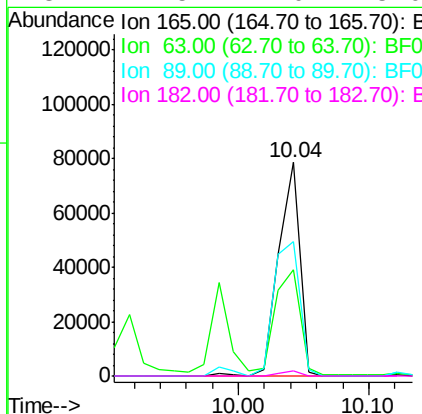
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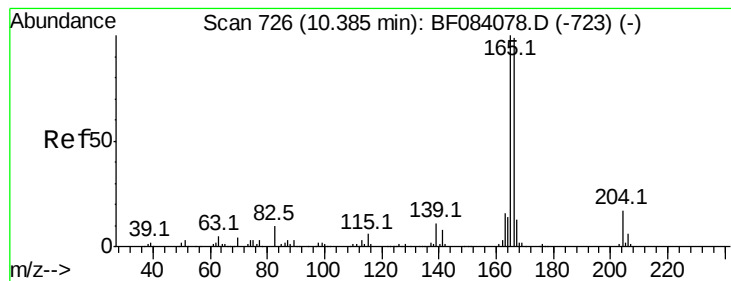
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#56
2,4-Dinitrotoluene
Concen: 41.37 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	88353		
63	49.9	36.7	55.1	
89	62.8	61.9	92.9	
182	2.5	2.0	3.0	





#57

Fluorene

Concen: 39.04 ng

RT: 10.38 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

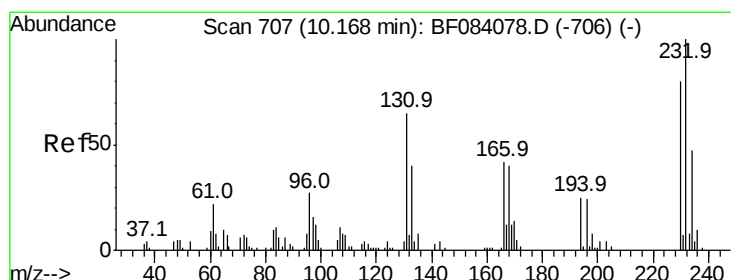
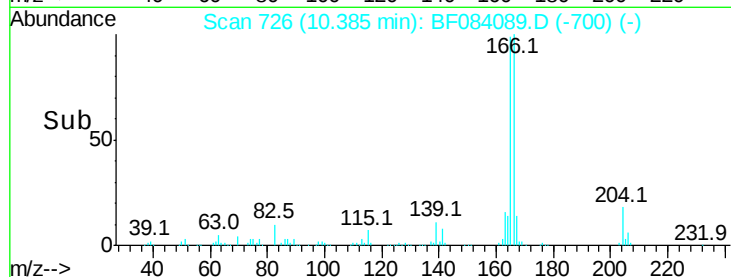
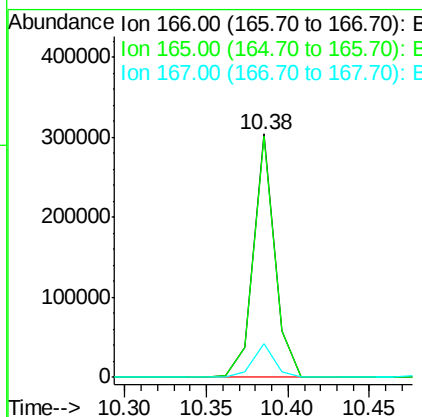
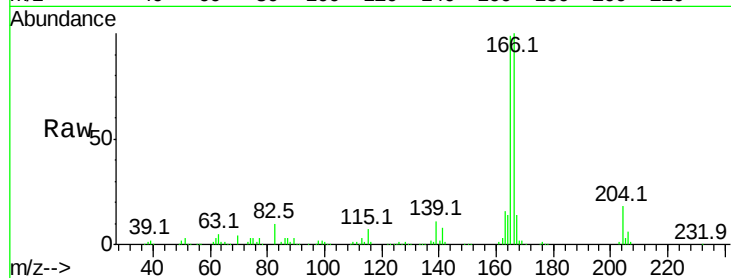
ClientSampleId :

PB87482BS

Tot Ion:	166	Resp:	275465
Ion Ratio	Lower	Upper	
166	100		
165	98.8	79.1	118.7
167	13.7	10.4	15.6

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#58

2,3,4,6-Tetrachlorophenol

Concen: 43.56 ng

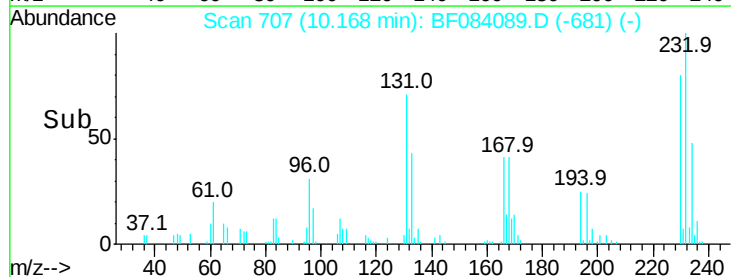
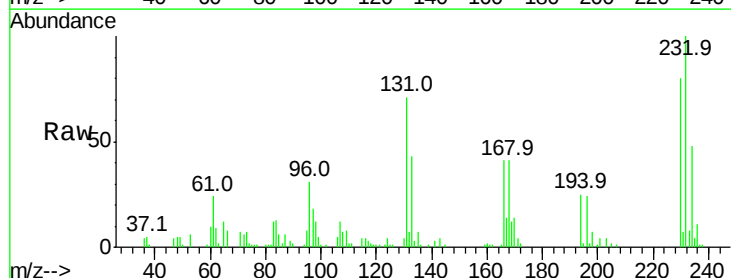
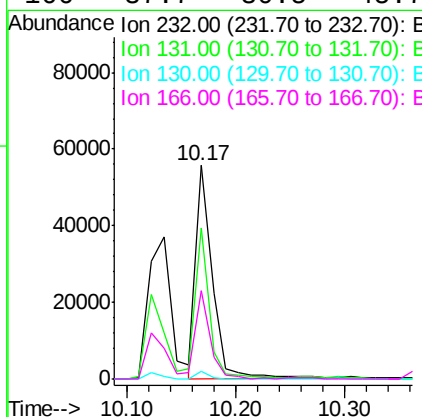
RT: 10.17 min Scan# 707

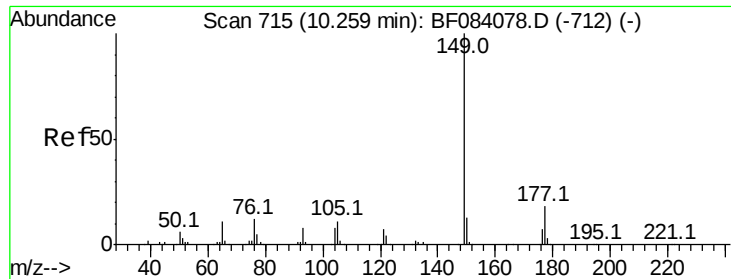
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	232	Resp:	58803
Ion Ratio	Lower	Upper	
232	100		
131	62.4	47.0	70.6
130	2.8	2.0	3.0
166	37.7	30.5	45.7





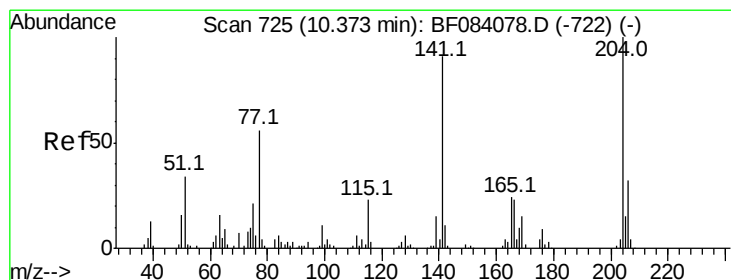
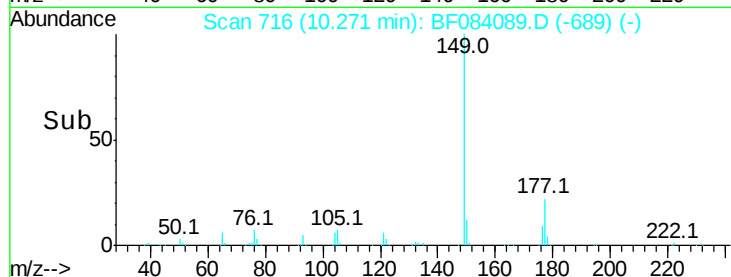
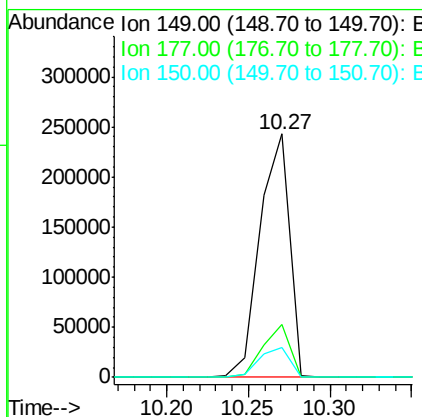
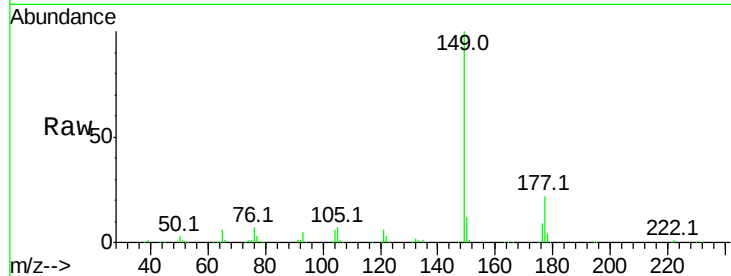
#59
Diethylphthalate
Concen: 39.73 ng
RT: 10.27 min Scan# 716
Delta R.T. 0.01 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	307607		
177	21.6	17.3	25.9	
150	12.0	9.8	14.8	

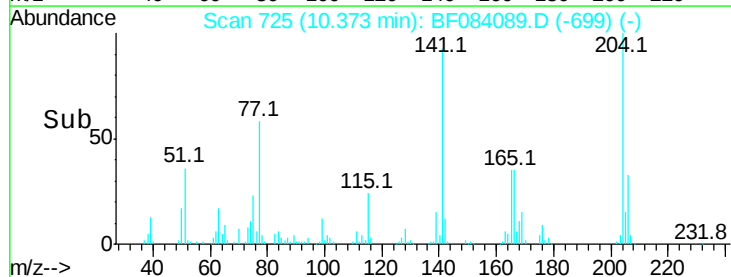
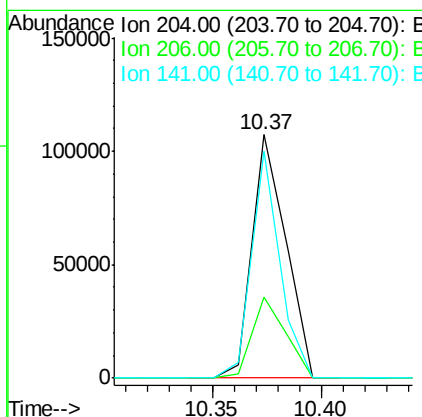
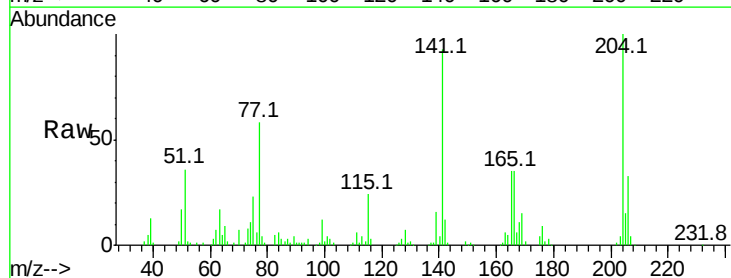
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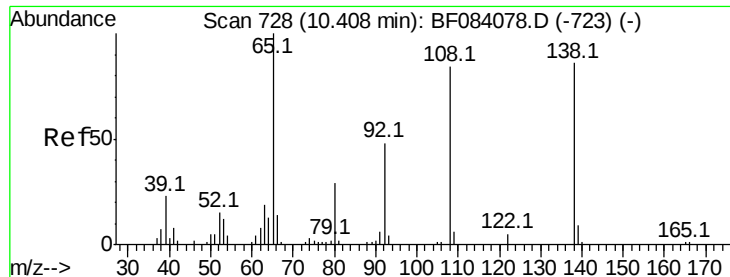
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 35.71 ng
RT: 10.37 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	116210		
206	33.2	25.7	38.5	
141	93.1	55.1	82.7	





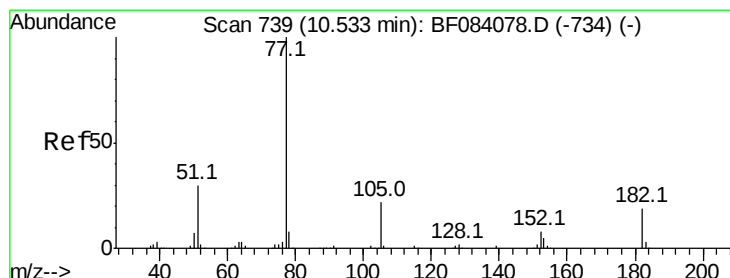
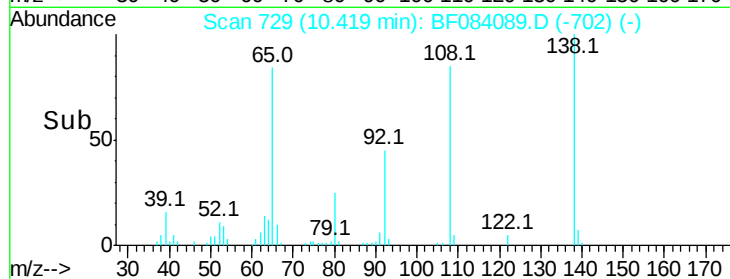
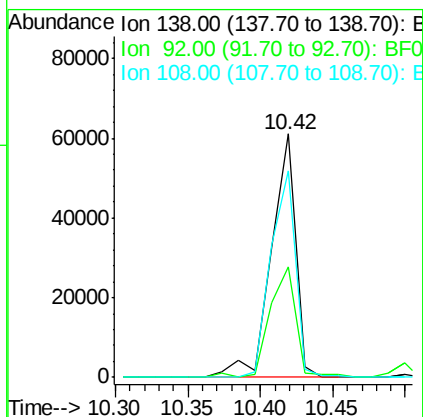
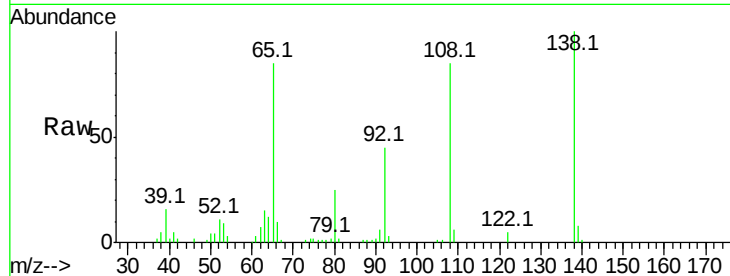
#61
4-Nitroaniline
Concen: 44.27 ng
RT: 10.42 min Scan# 729
Delta R.T. 0.01 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.5	32.6	72.6
108	85.0	68.6	108.6

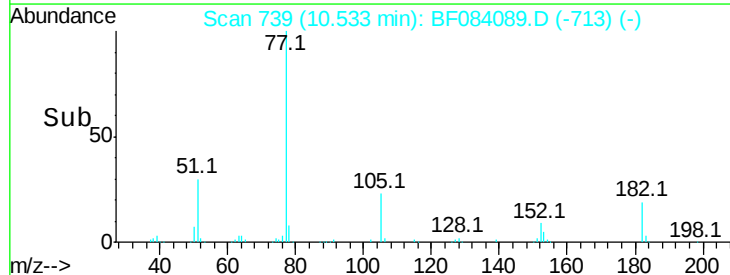
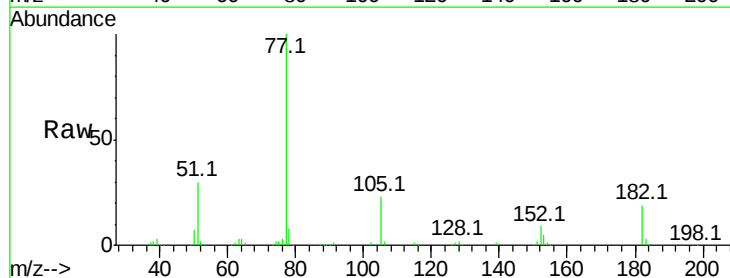
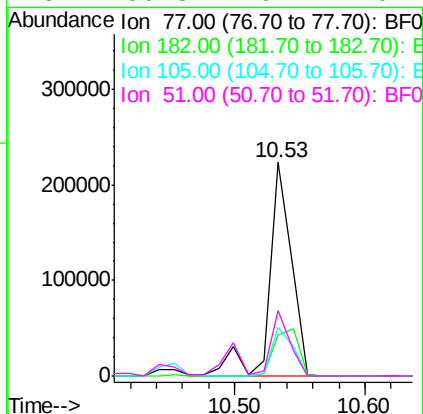
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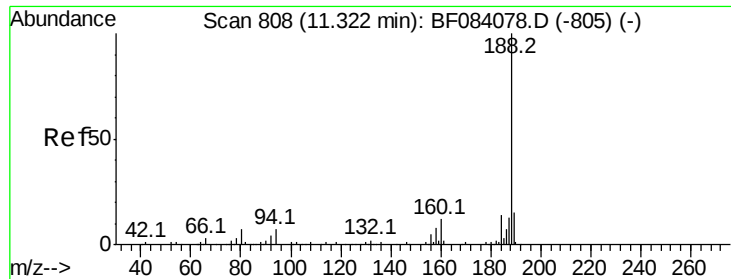
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#62
Azobenzene
Concen: 42.33 ng
RT: 10.53 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	19.2	8.3	48.3
105	22.5	4.6	44.6
51	30.3	6.2	46.2





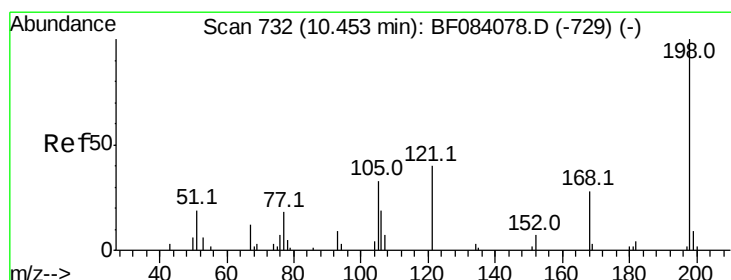
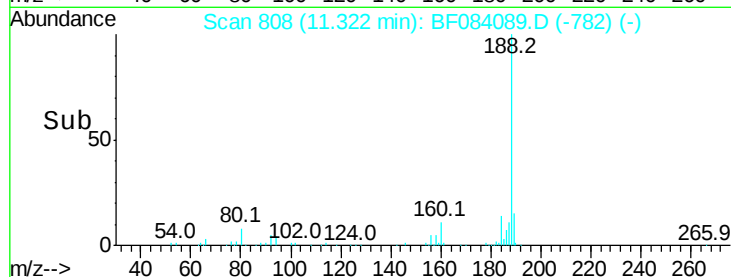
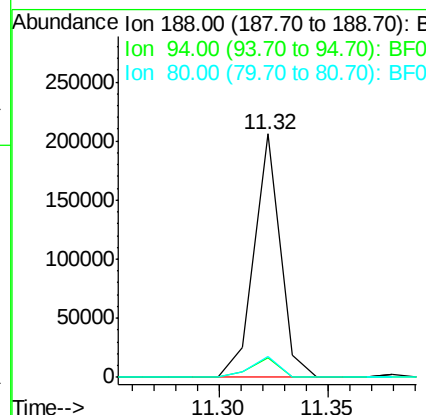
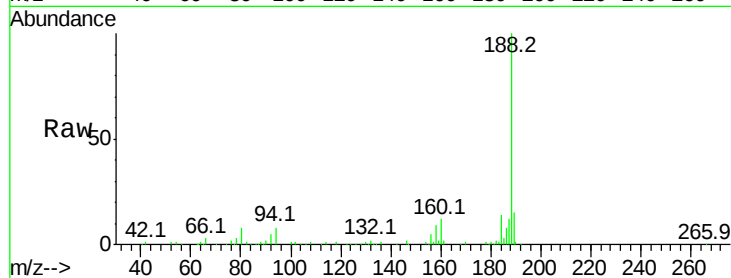
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.2	9.0	13.4#
80	8.5	9.6	14.4#

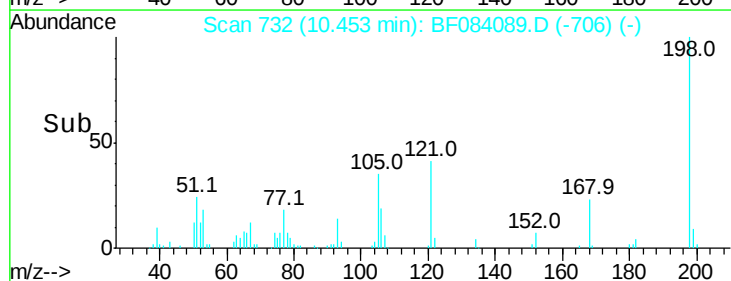
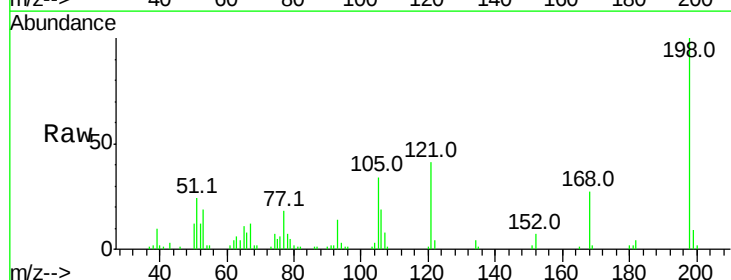
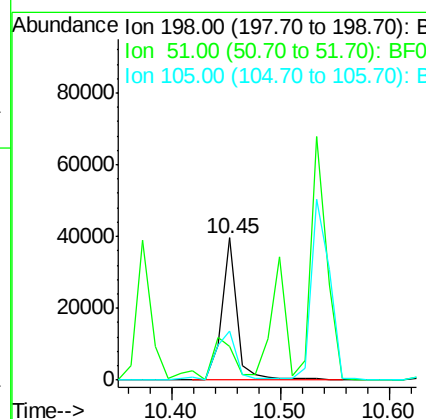
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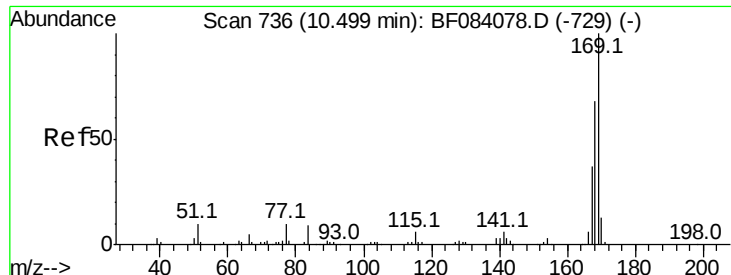
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#64
4,6-Dinitro-2-methylphenol
Concen: 41.10 ng
RT: 10.45 min Scan# 732
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	23.6	18.9	58.9
105	34.4	26.4	66.4





#65

n-Nitrosodiphenylamine

Concen: 41.02 ng

RT: 10.50 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

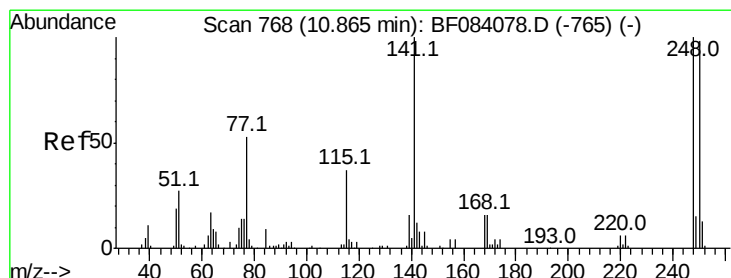
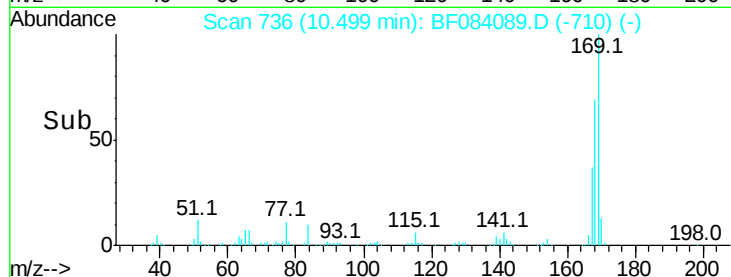
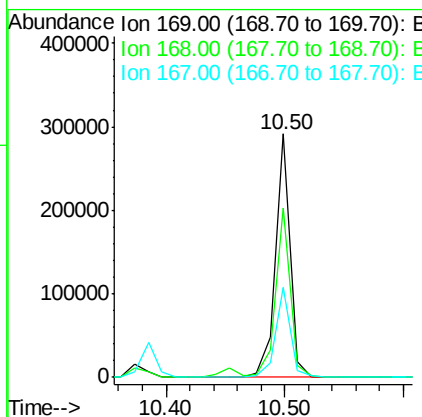
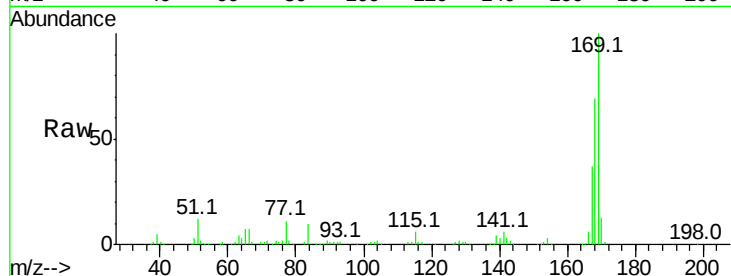
ClientSampleId :

PB87482BS

Tot Ion:	169	Resp:	251155
Ion Ratio	Lower	Upper	
169	100		
168	69.4	55.1	82.7
167	37.2	30.0	45.0

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#66

4-Bromophenyl-phenylether

Concen: 39.05 ng

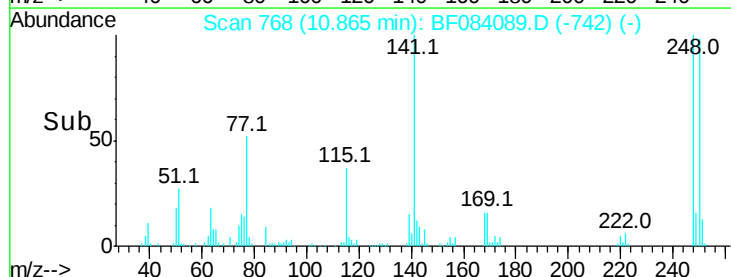
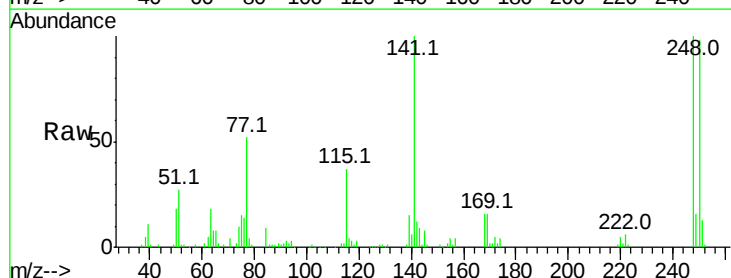
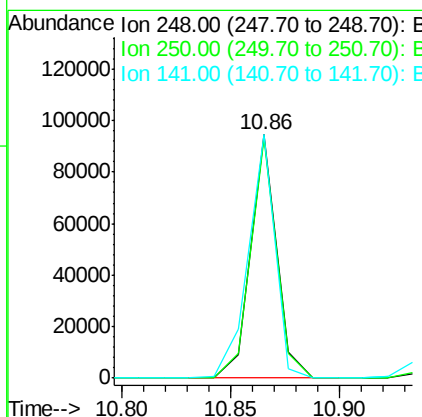
RT: 10.86 min Scan# 768

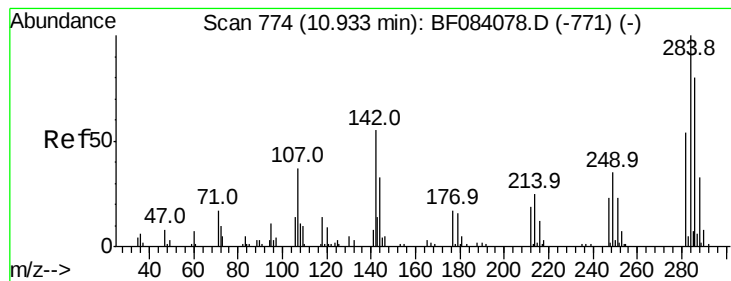
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	248	Resp:	77695
Ion Ratio	Lower	Upper	
248	100		
250	98.7	78.4	117.6
141	100.2	44.0	66.0#





#67

Hexachlorobenzene

Concen: 37.79 ng

RT: 10.93 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

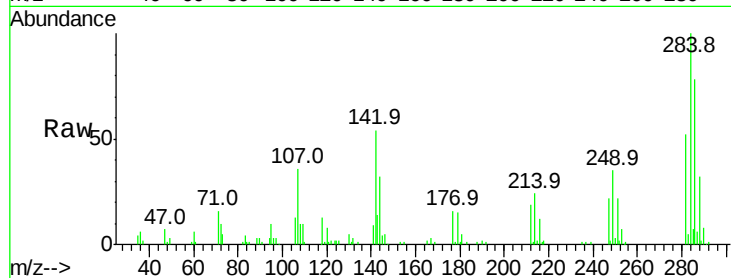
ClientSampleId :

PB87482BS

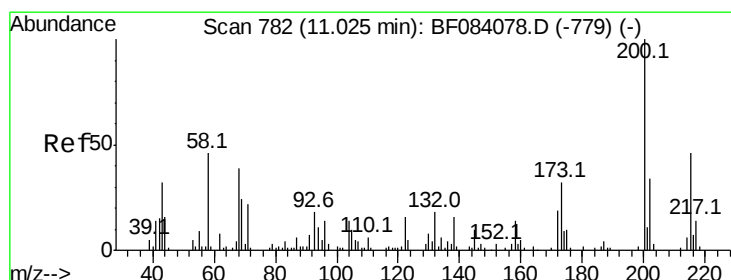
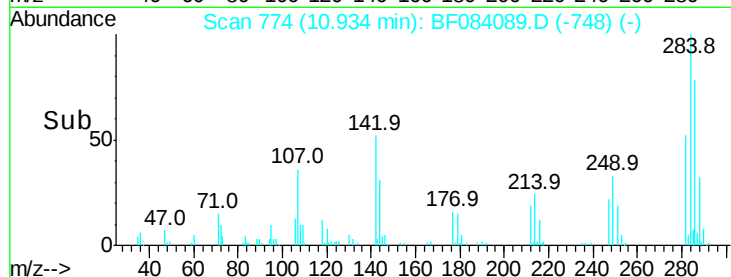
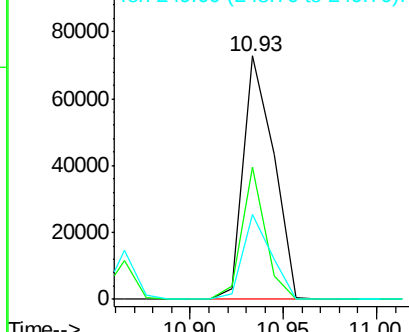
Tot Ion:	284	Resp:	82320
Ion Ratio	Lower	Upper	
284	100		
142	54.4	22.2	33.4#
249	34.6	24.6	37.0

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.81 ng

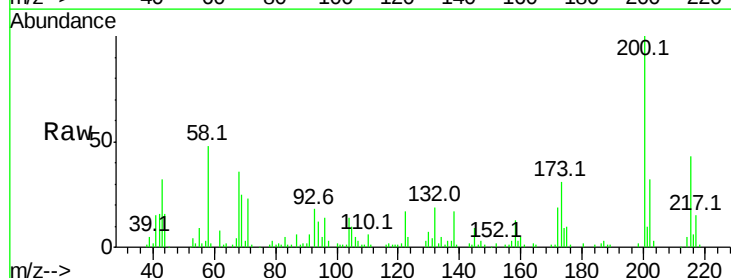
RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

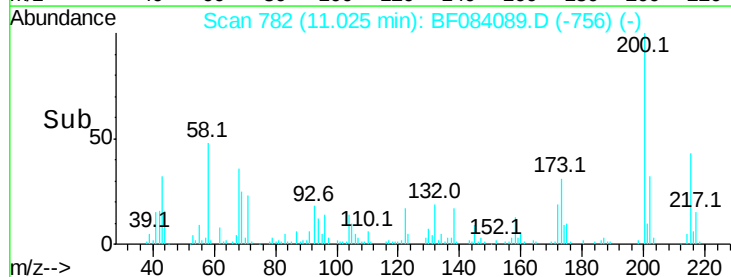
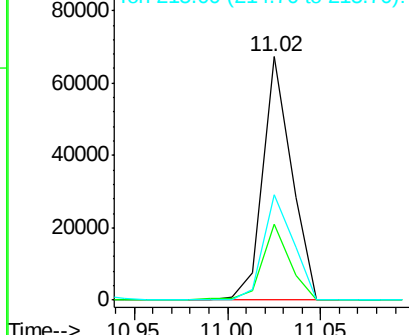
Lab File: BF084089.D

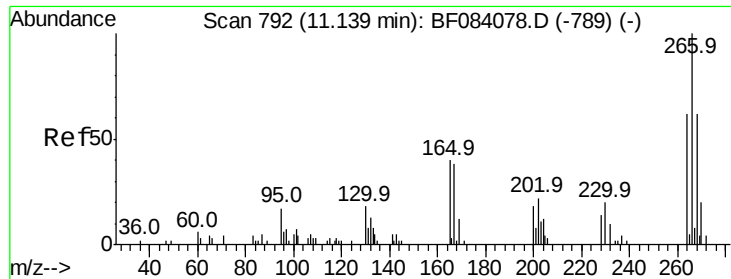
Acq: 24 Dec 2015 20:00

Tgt Ion:	200	Resp:	71562
Ion Ratio	Lower	Upper	
200	100		
173	31.0	9.5	49.5
215	43.3	23.8	63.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





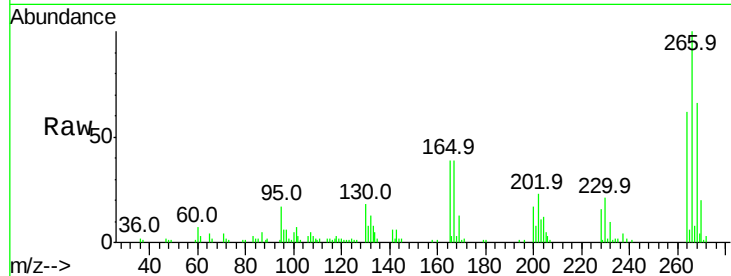
#69
 Pentachlorophenol
 Concen: 83.55 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

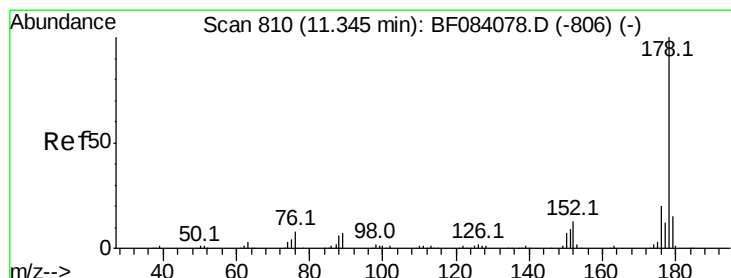
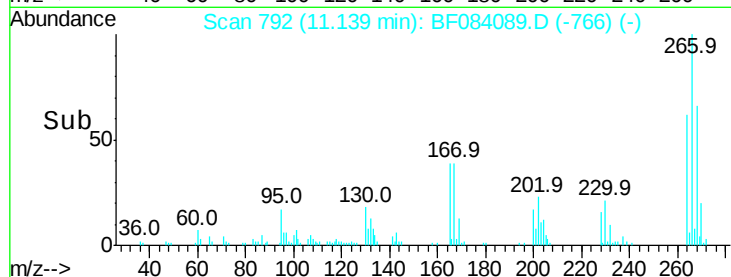
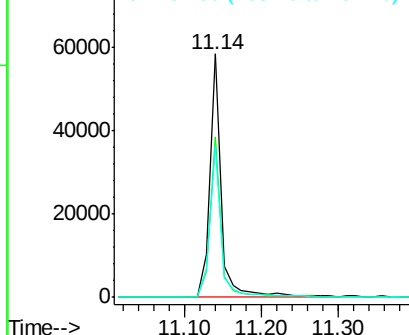
Tot Ion	Ratio	Resp	Lower	Upper
266	100	60130		
268	65.8		52.4	78.6
264	62.1		50.2	75.2

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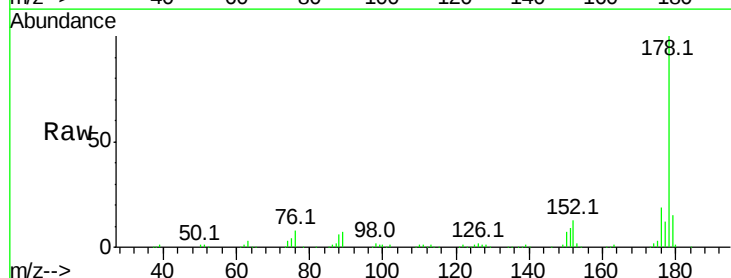


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

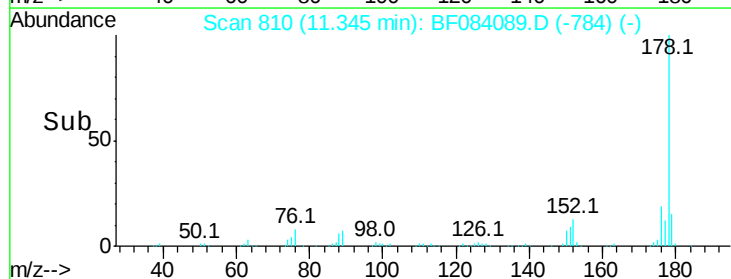
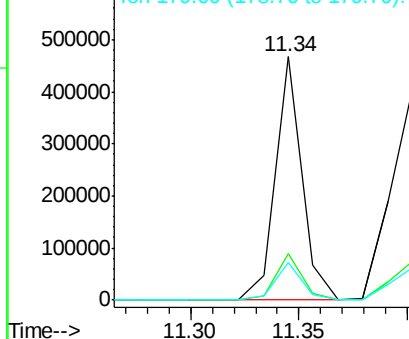


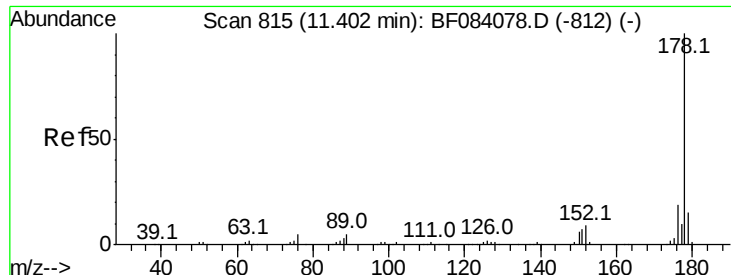
#70
 Phenanthrene
 Concen: 39.47 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	401823		
176	19.3		15.3	22.9
179	15.4		12.0	18.0



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





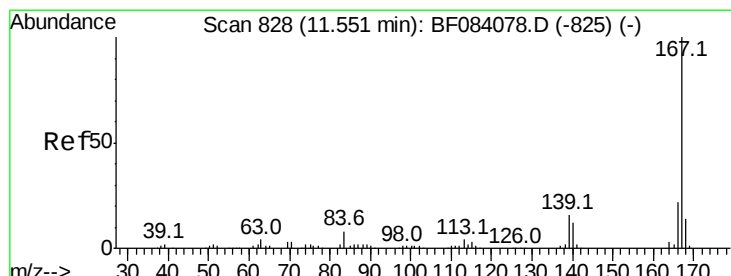
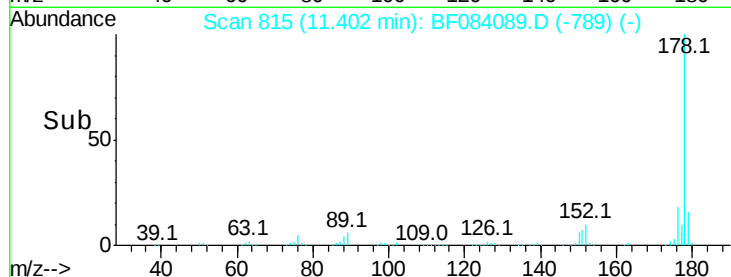
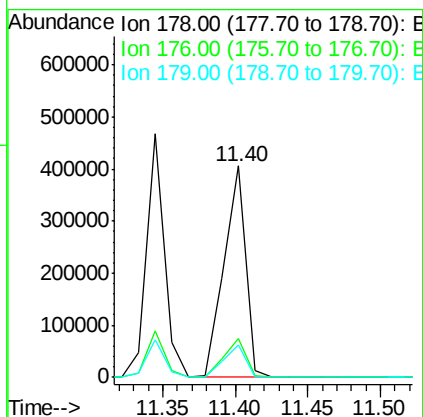
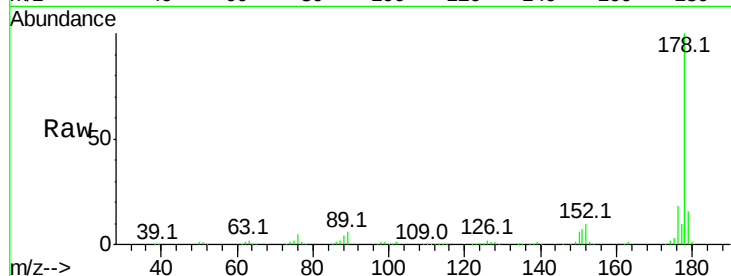
#71
 Anthracene
 Concen: 39.47 ng
 RT: 11.40 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.0
179	15.6	12.5	18.7

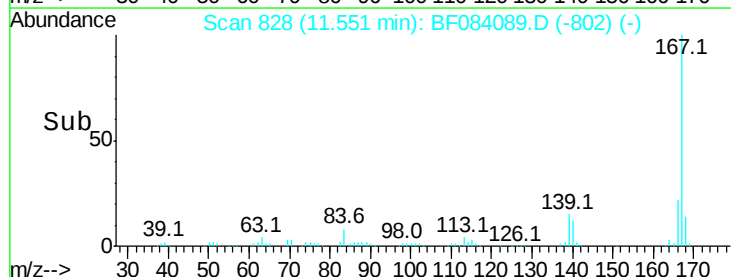
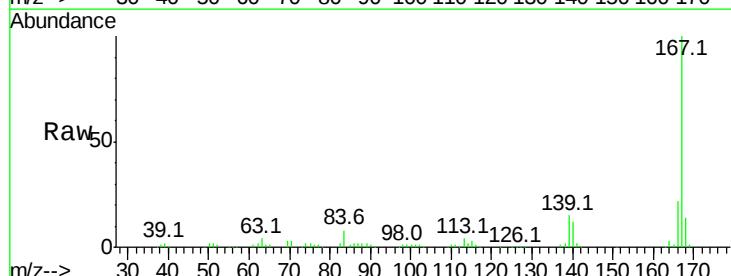
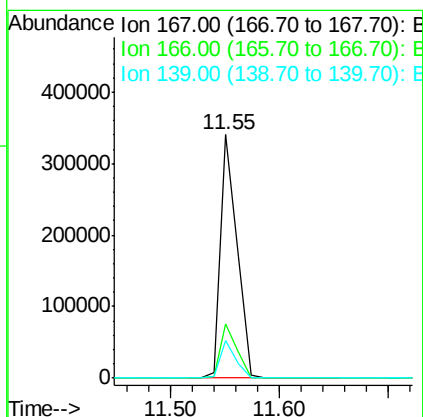
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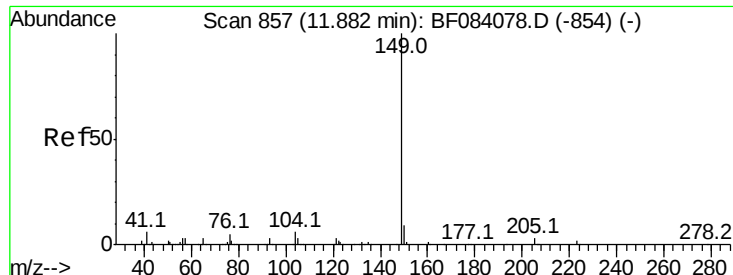
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#72
 Carbazole
 Concen: 39.81 ng
 RT: 11.55 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	15.3	11.8	17.8





#73

Di-n-butylphthalate

Concen: 38.96 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

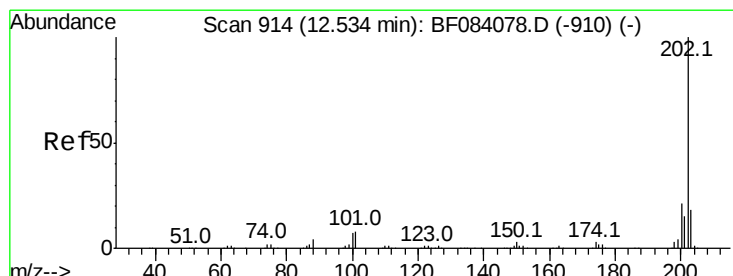
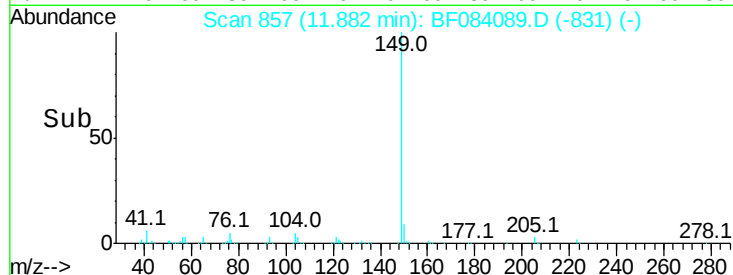
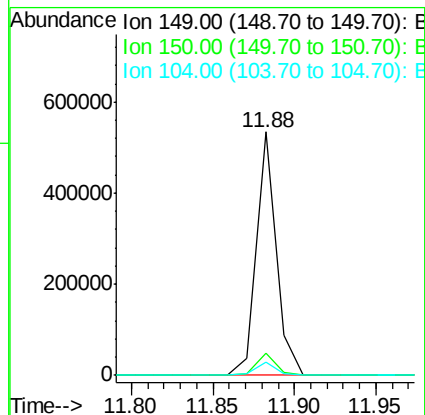
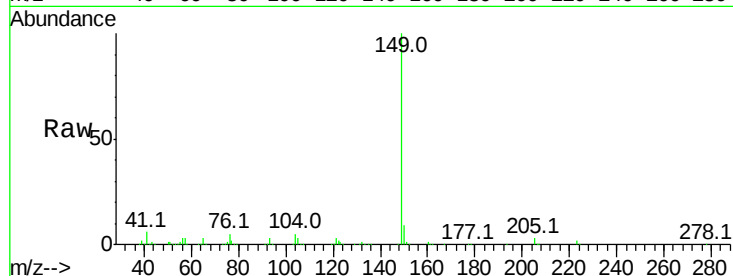
ClientSampleId :

PB87482BS

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Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.1	10.7	
104	5.2	3.2	4.8	



#74

Fluoranthene

Concen: 41.39 ng

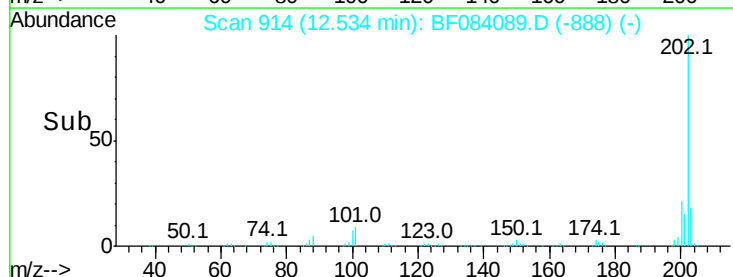
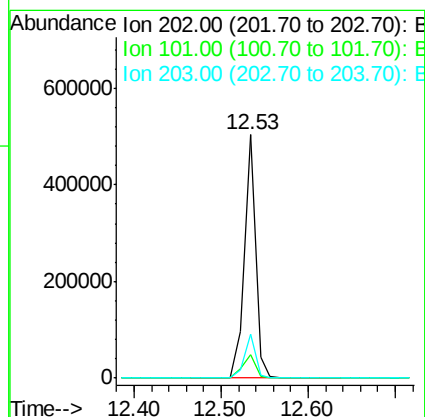
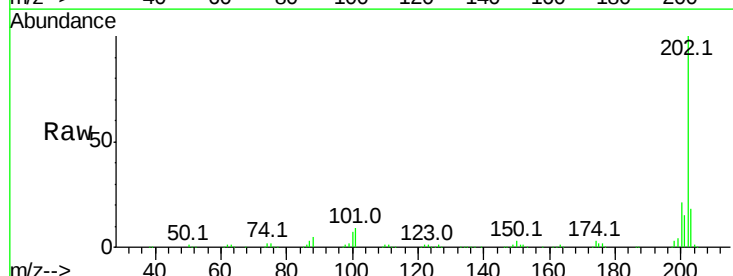
RT: 12.53 min Scan# 914

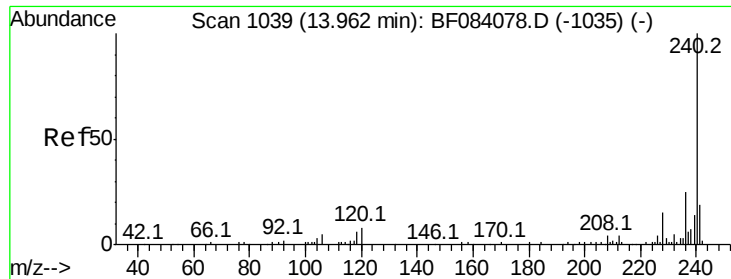
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.5	0.0	32.8	
203	17.8	0.0	37.9	





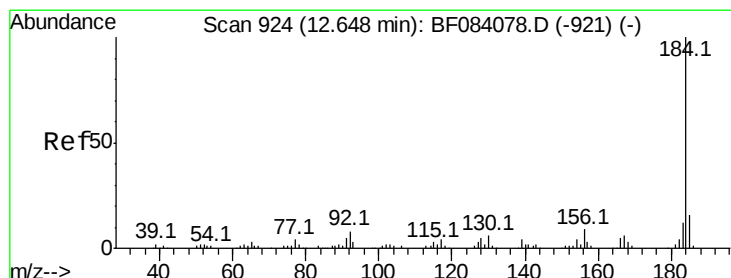
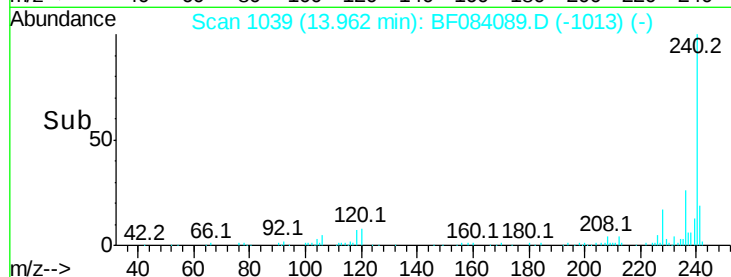
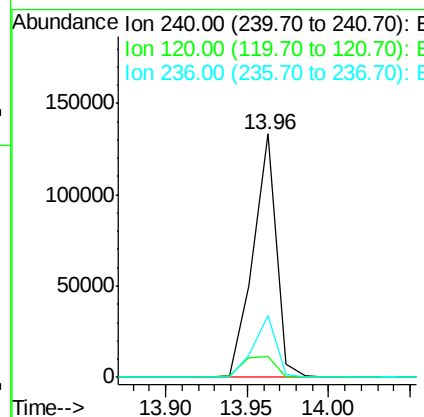
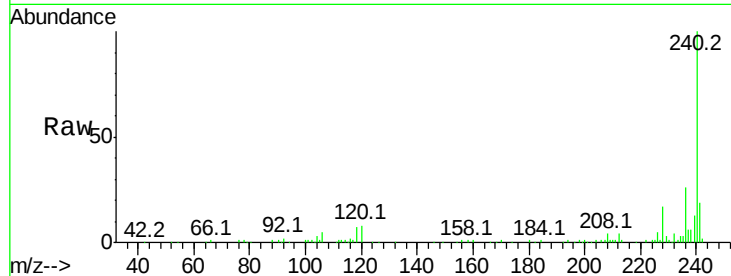
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	8.5	9.5	14.3	
236	25.5	20.6	31.0	

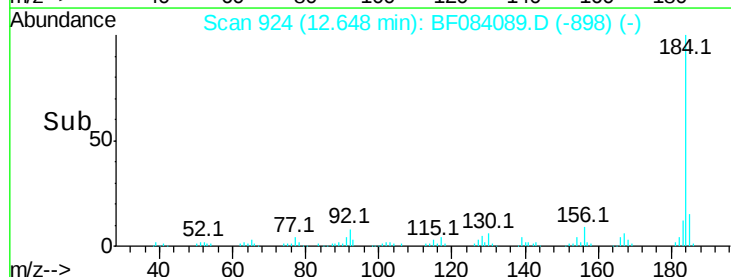
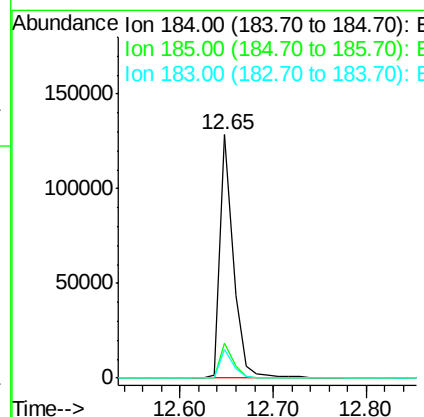
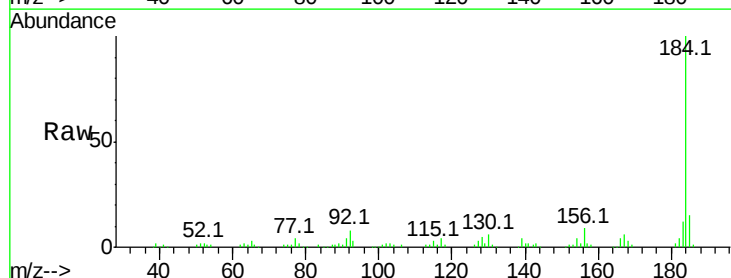
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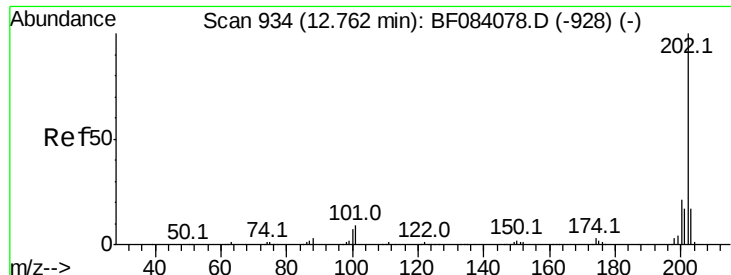
Sohil
12/28/2015 1:09:49 PM



#76
Benzidine
Concen: 28.46 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	12.2	18.2	
183	11.8	9.8	14.8	





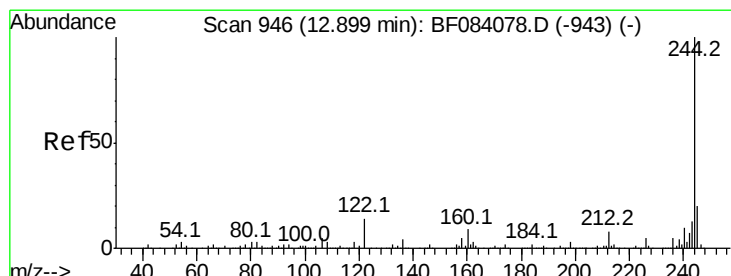
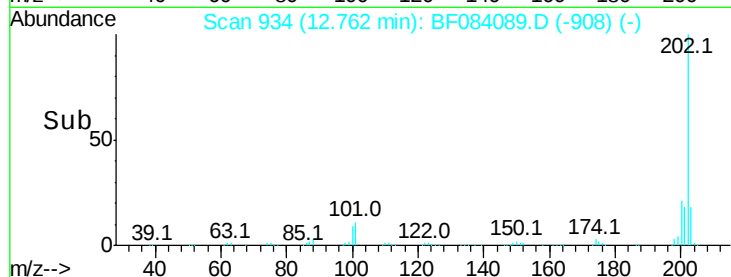
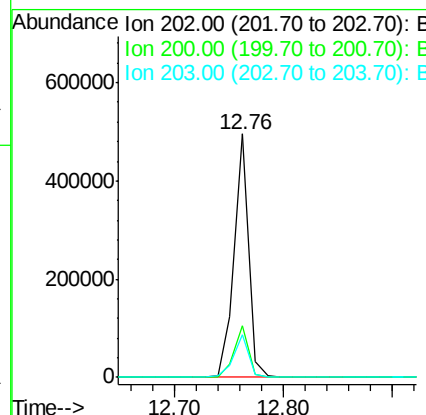
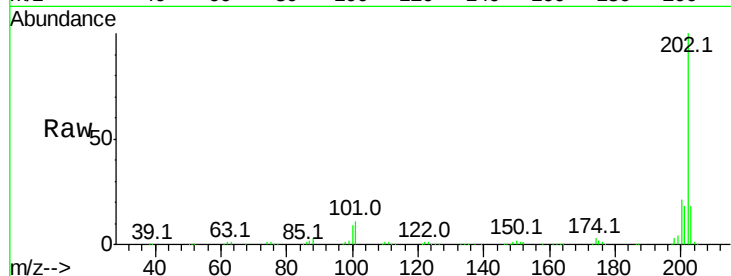
#77
Pvrene
Concen: 39.56 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.2	25.8
203	17.8	14.3	21.5

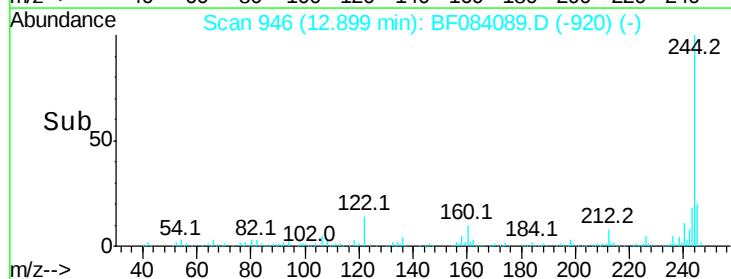
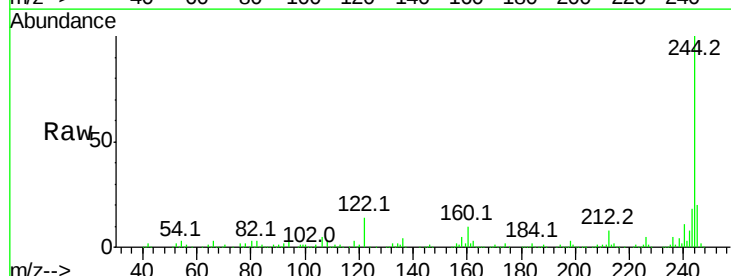
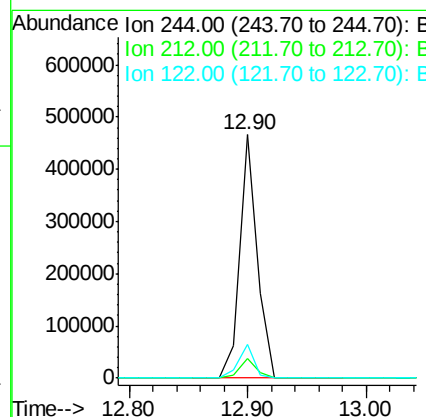
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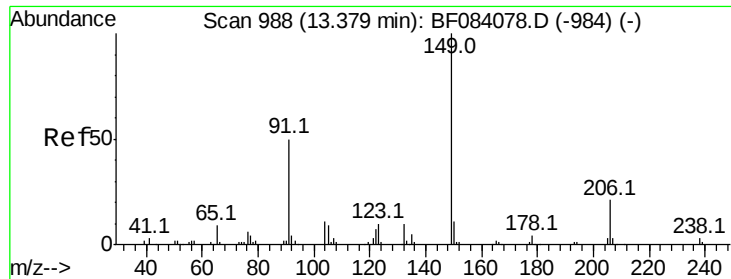
Sohil
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#78
Terphenyl-d14
Concen: 65.14 ng
RT: 12.90 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.9	5.7	8.5
122	13.8	7.4	11.0





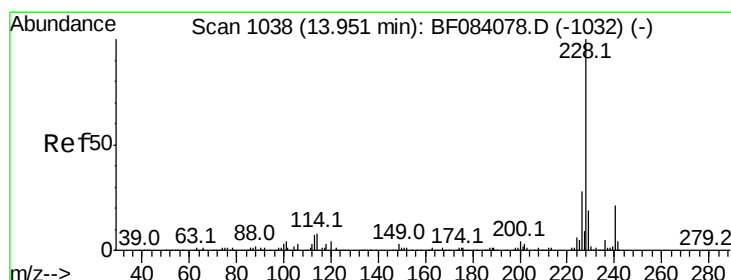
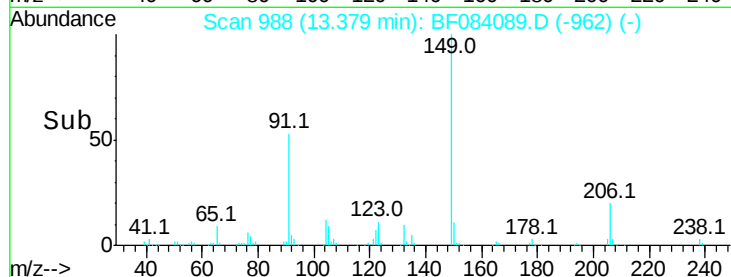
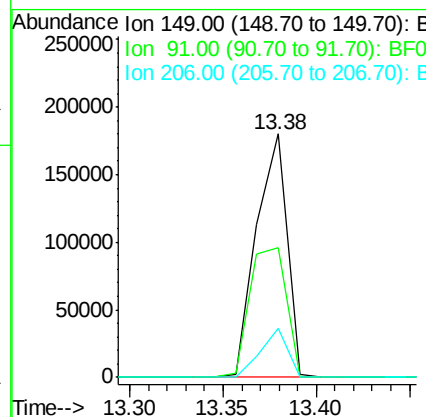
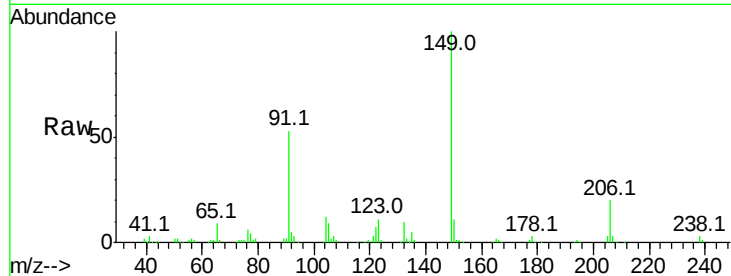
#79
Butylbenzylphthalate
Concen: 43.33 ng
RT: 13.38 min Scan# 988
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleID :
PB87482BS

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	53.0	57.6	86.4#
206	20.1	13.2	19.8#

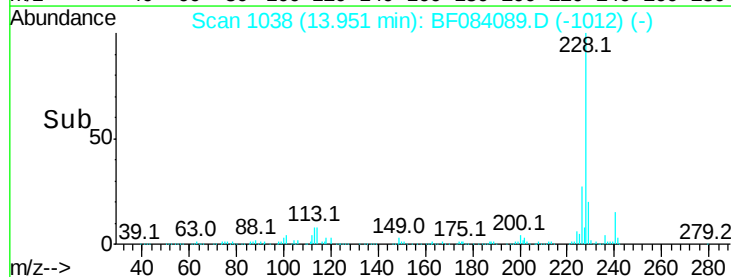
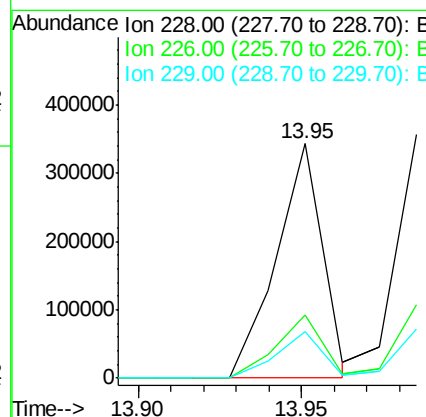
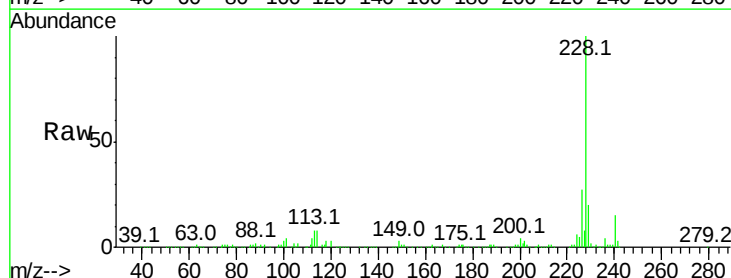
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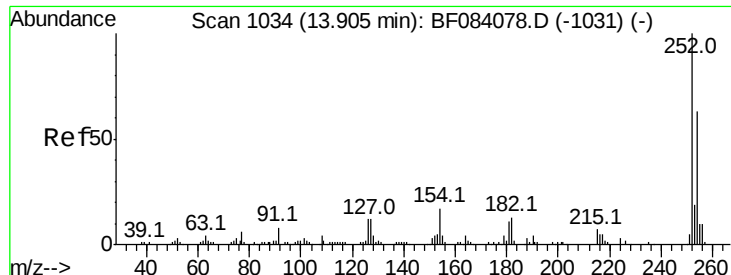
Sohil
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#80
Benzo(a)anthracene
Concen: 41.67 ng
RT: 13.95 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	27.0	21.8	32.6
229	19.9	15.8	23.8





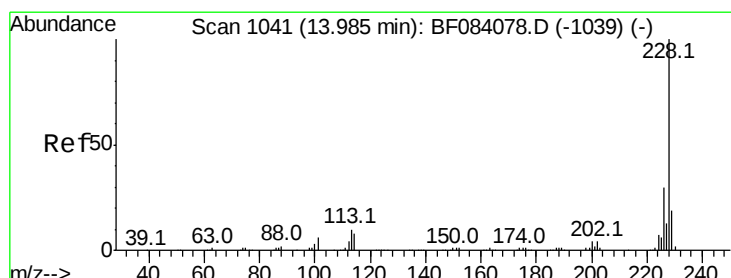
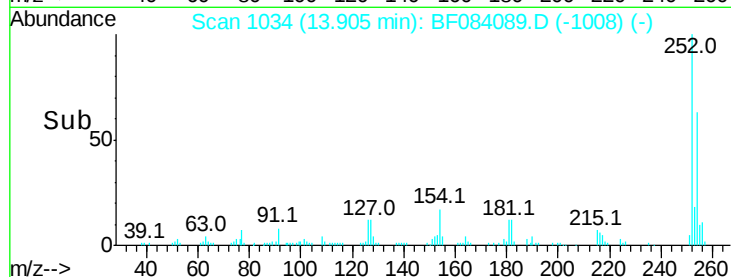
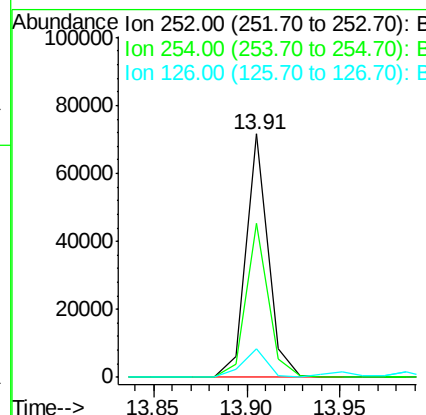
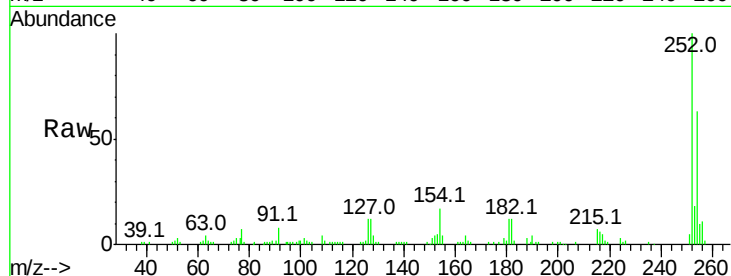
#81
 3,3'-Dichlorobenzidine
 Concen: 24.26 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	53.5	80.3
126	11.8	4.9	7.3

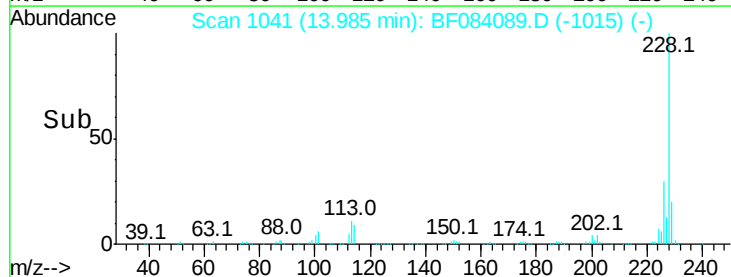
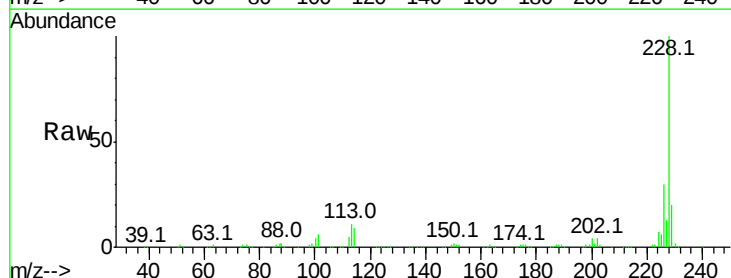
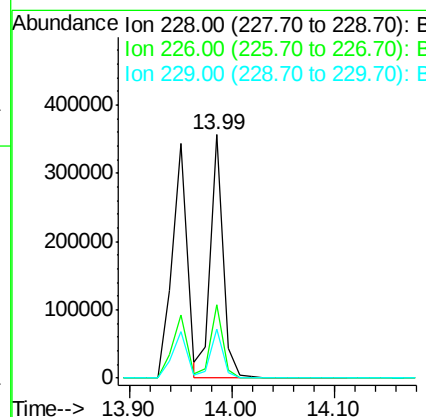
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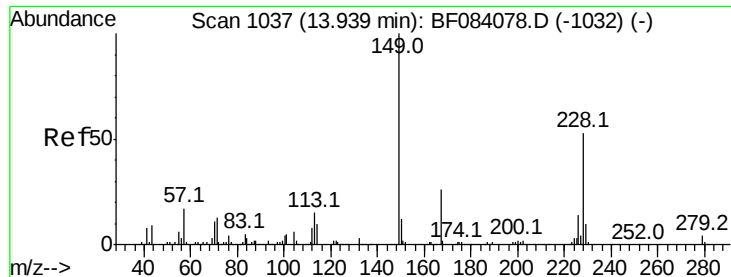
Sohil
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#82
 Chrysene
 Concen: 41.70 ng m
 RT: 13.99 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	20.1	16.1	24.1





#83

Bis(2-ethylhexyl)phthalate

Concen: 43.13 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

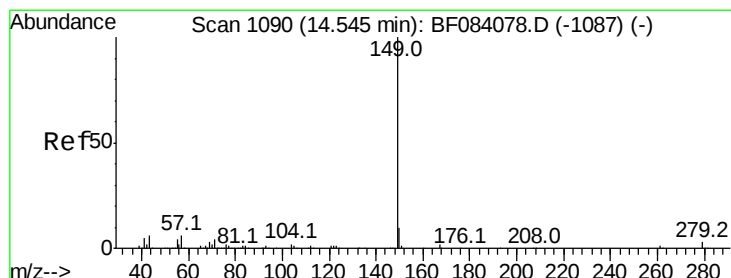
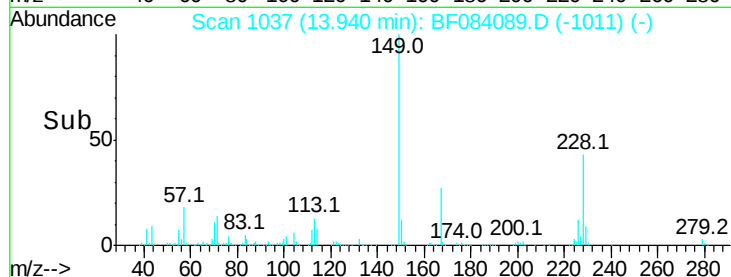
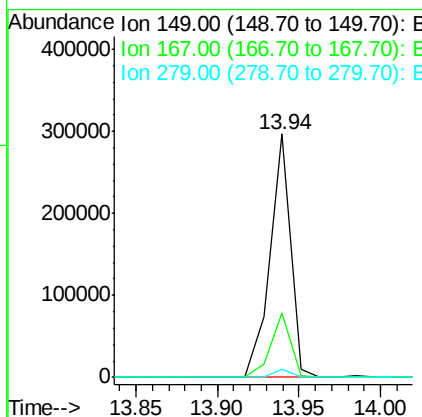
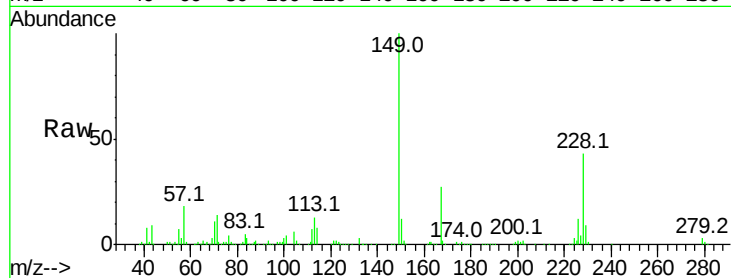
ClientSampleId :

PB87482BS

Tot Ion:	149	Resp:	262891
Ion Ratio	Lower	Upper	
149	100		
167	26.5	19.7	29.5
279	3.4	1.8	2.6

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 44.39 ng

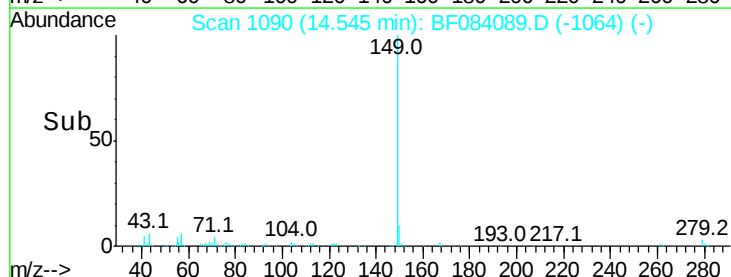
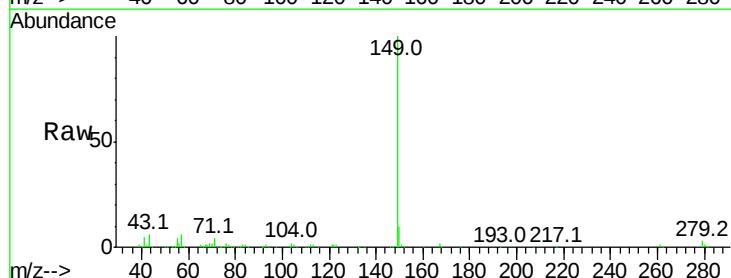
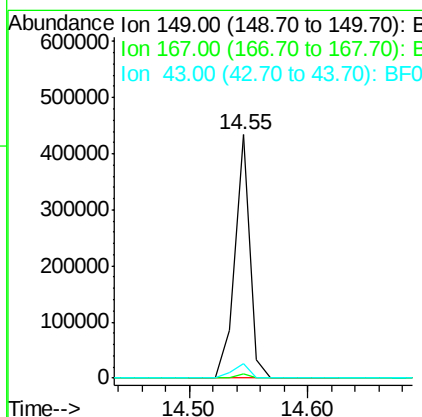
RT: 14.55 min Scan# 1090

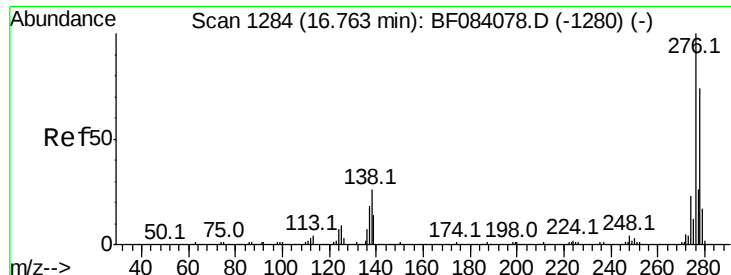
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	149	Resp:	380690
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.1	5.6	8.4





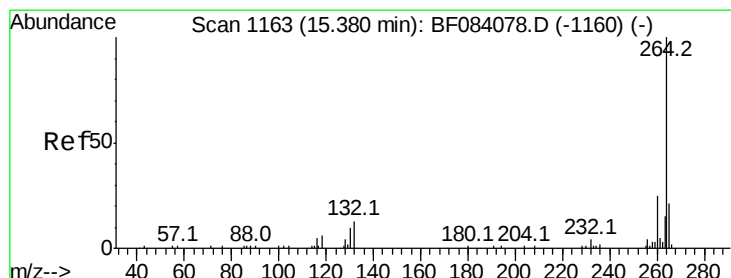
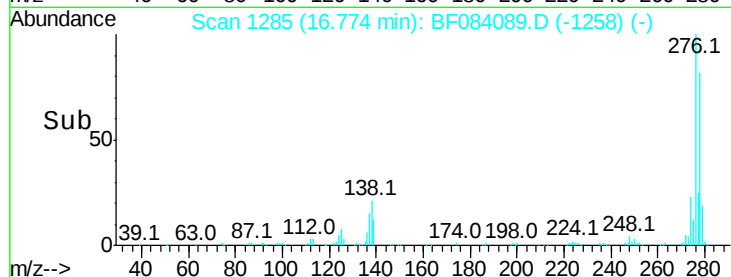
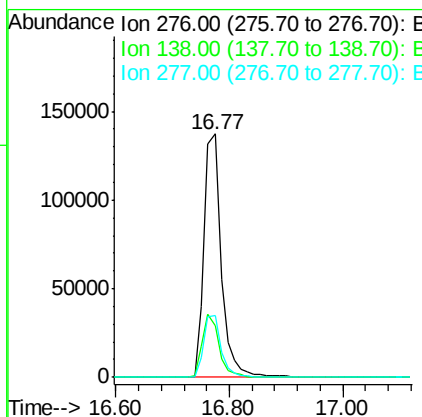
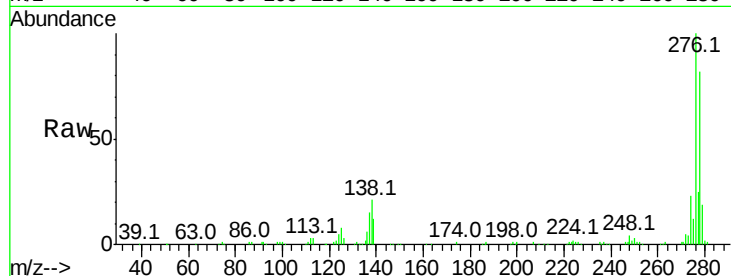
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.52 ng
 RT: 16.77 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	281484		
138	25.2	20.6	30.8	
277	25.5	20.1	30.1	

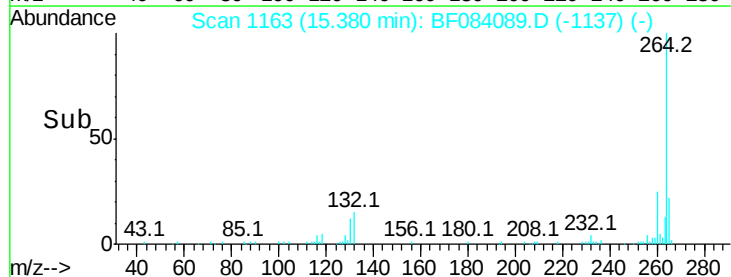
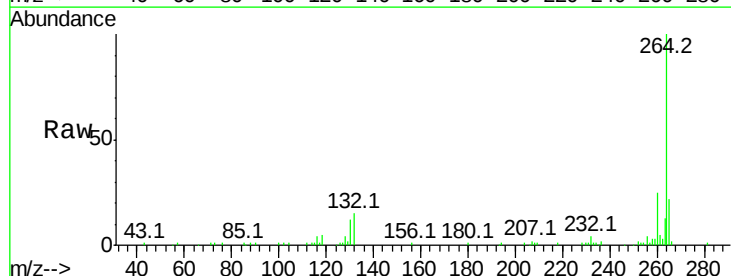
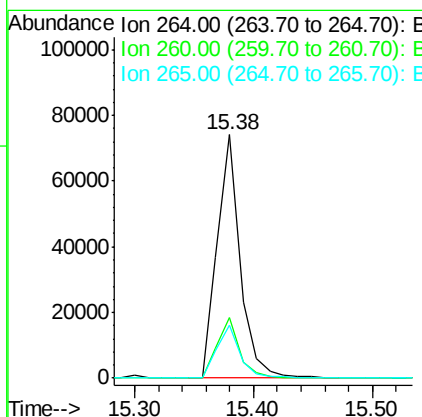
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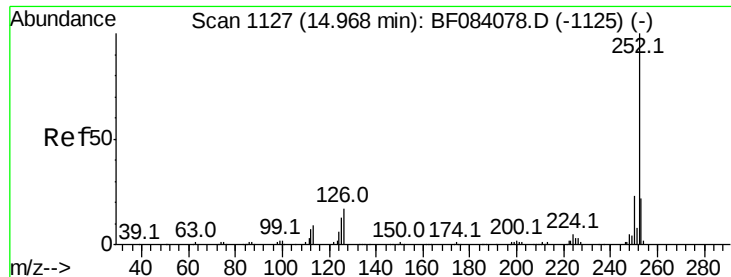
Sohil
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	99046		
260	24.9	19.4	29.2	
265	21.5	17.8	26.6	





#87

Benzo(b)fluoranthene

Concen: 41.42 ng m

RT: 14.98 min Scan# 1128

Delta R.T. 0.01 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Instrument :

BNA_F

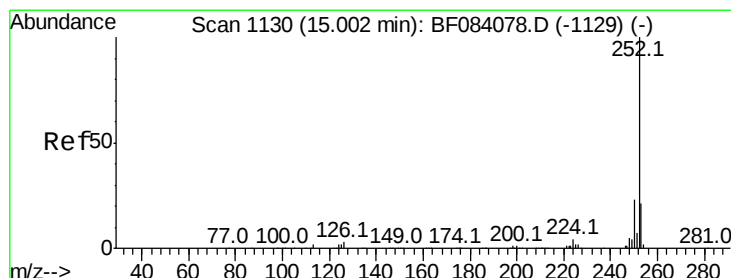
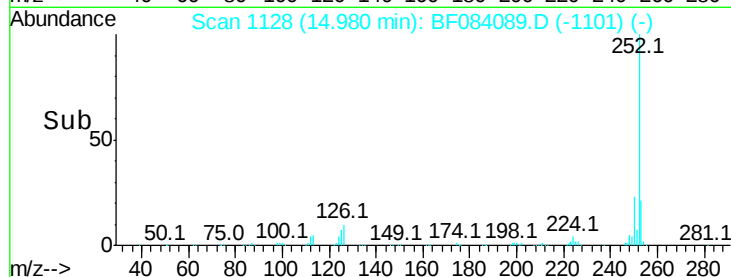
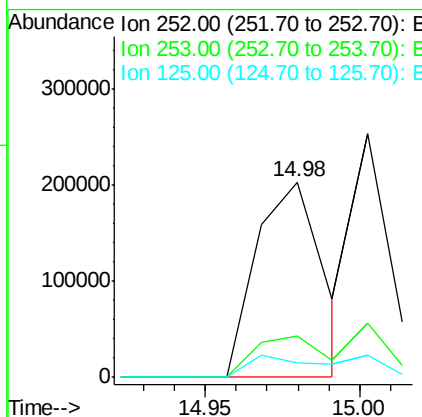
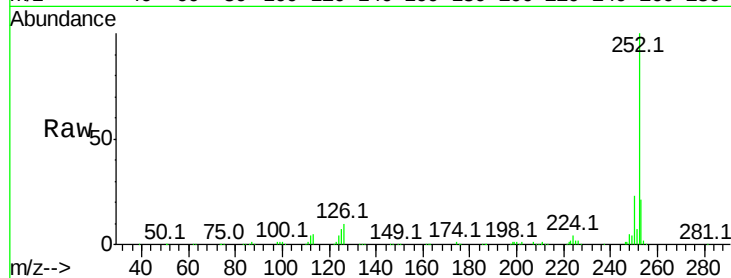
ClientSampleId :

PB87482BS

Tot Ion:	252	Resp:	304642
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.3	25.9
125	7.2	6.5	9.7

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#88

Benzo(k)fluoranthene

Concen: 45.98 ng m

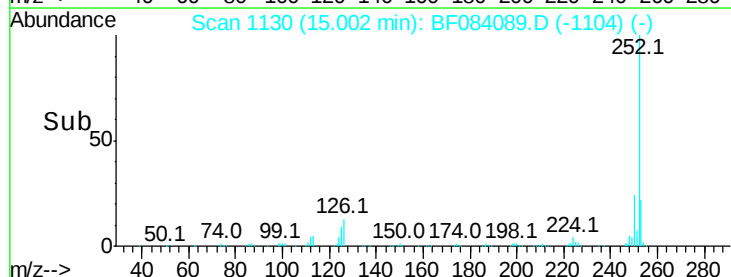
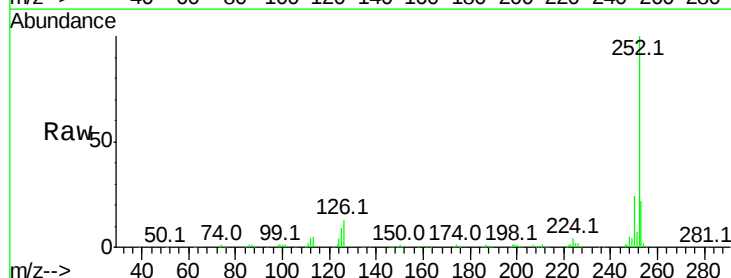
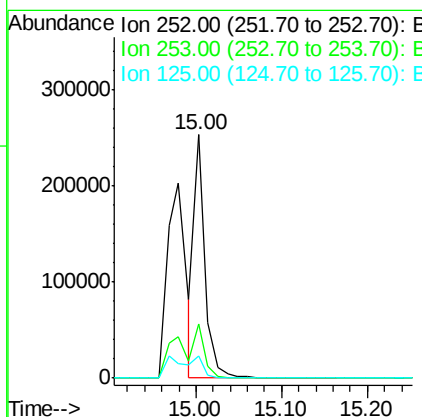
RT: 15.00 min Scan# 1130

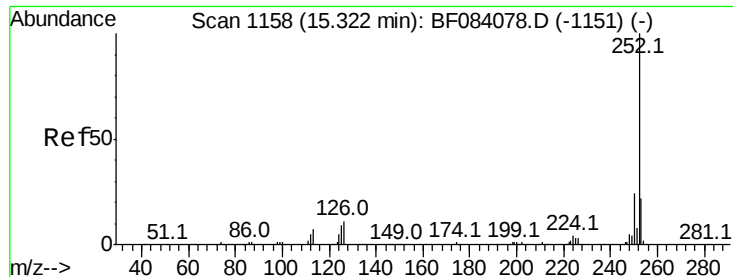
Delta R.T. 0.00 min

Lab File: BF084089.D

Acq: 24 Dec 2015 20:00

Tgt Ion:	252	Resp:	229189
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.1	27.1
125	9.0	9.0	13.6





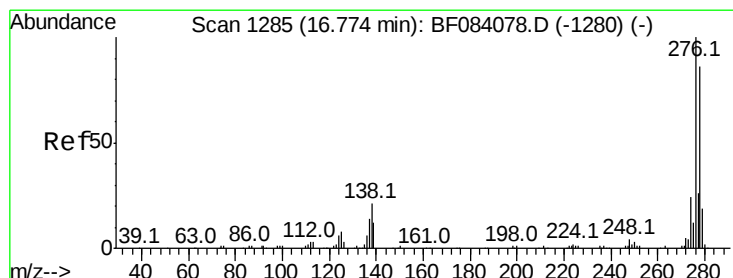
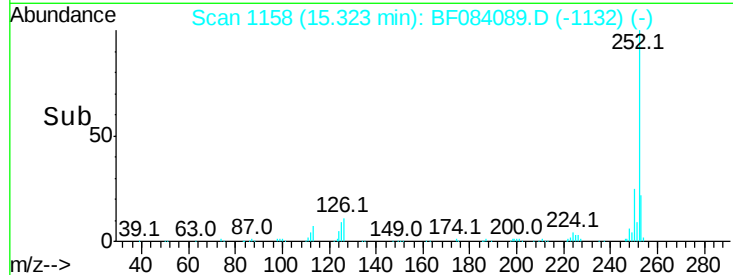
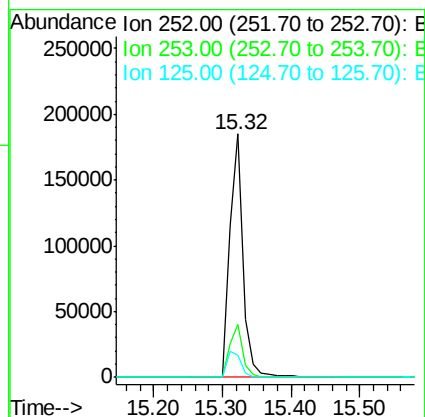
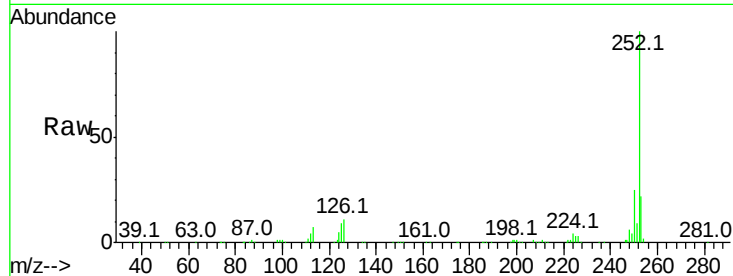
#89
Benzo(a)pyrene
Concen: 41.20 ng
RT: 15.32 min Scan# 1158
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Instrument :
BNA_F
ClientSampleId :
PB87482BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.3	25.9
125	9.1	7.0	10.4

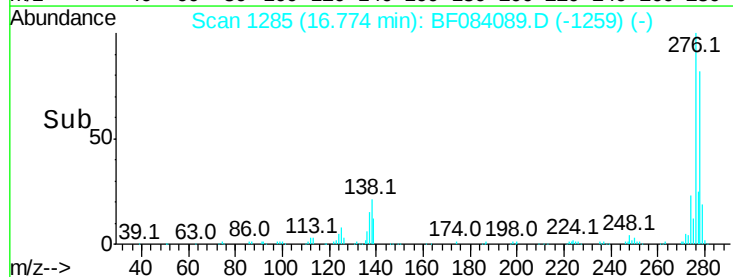
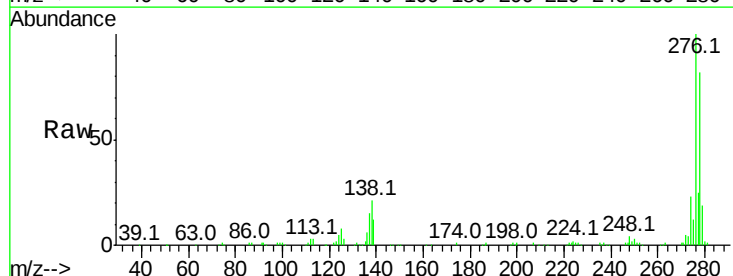
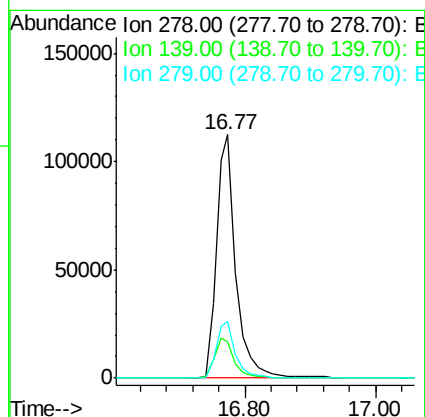
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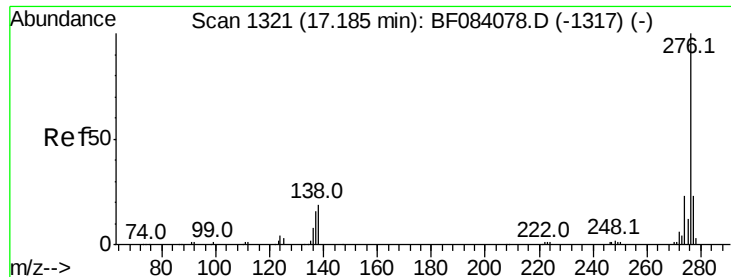
Sohil
12/28/2015 1:09:49 PM



#90
Dibenzo(a,h)anthracene
Concen: 39.57 ng
RT: 16.77 min Scan# 1285
Delta R.T. 0.00 min
Lab File: BF084089.D
Acq: 24 Dec 2015 20:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.0	22.4
279	23.5	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 39.55 ng
 RT: 17.19 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: BF084089.D
 Acq: 24 Dec 2015 20:00

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.8	28.2
138	19.8	17.8	26.6

Manual Integrations
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 12/28/2015 1:09:49 PM

