

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
 Data File : BF083009.D
 Acq On : 18 Nov 2015 14:38
 Operator : UM/IZ
 Sample : PB86622BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

Manual Integrations
 APPROVED

Mmdadoda
 11/19/2015 6:44:37 PM

Quant Time: Nov 19 02:27:30 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 18 13:32:32 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	153569	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	585079	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	287181	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	577366	20.00	ng	0.00
75) Chrysene-d12	13.88	240	496385	20.00	ng	-0.01
86) Perylene-d12	15.28	264	387540	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1204950	122.08	ng	0.01
7) Phenol-d6	6.38	99	1626096	123.93	ng	-0.01
23) Nitrobenzene-d5	7.30	82	983925	73.17	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	411237	124.89	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1799781	89.82	ng	0.00
78) Terphenyl-d14	12.84	244	1834721	87.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	160441	37.67	ng	96
3) Pyridine	2.99	79	413210	33.44	ng	94
4) n-Nitrosodimethylamine	2.93	42	234516	38.26	ng	# 78
6) Aniline	6.40	93	237929	12.91	ng	# 1
8) 2-Chlorophenol	6.52	128	447495	40.90	ng	92
9) Benzaldehyde	6.27	77	379476	52.35	ng	93
10) Phenol	6.41	94	502977	33.78	ng	# 72
11) bis(2-Chloroethyl)ether	6.48	93	465058	41.77	ng	87
12) 1,3-Dichlorobenzene	6.67	146	465398m	37.71	ng	
13) 1,4-Dichlorobenzene	6.75	146	493085	38.41	ng	93
14) 1,2-Dichlorobenzene	6.90	146	420131	35.98	ng	94
15) Benzyl Alcohol	6.89	79	435741	37.81	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	734852	45.00	ng	94
17) 2-Methylphenol	7.01	107	365257	39.41	ng	96
18) Hexachloroethane	7.24	117	170684	37.17	ng	96
19) n-Nitroso-di-n-propylamine	7.16	70	371594	38.53	ng	# 82
20) 3+4-Methylphenols	7.16	107	470159	39.02	ng	# 61
22) Acetophenone	7.15	105	635470	37.91	ng	96
24) Nitrobenzene	7.32	77	546921	39.77	ng	96
25) Isophorone	7.56	82	943134	37.91	ng	98
26) 2-Nitrophenol	7.64	139	232966	40.59	ng	# 53
27) 2,4-Dimethylphenol	7.69	122	377092	36.56	ng	95
28) bis(2-Chloroethoxy)methane	7.78	93	596994	42.54	ng	98
29) 2,4-Dichlorophenol	7.88	162	362738	38.92	ng	88
30) 1,2,4-Trichlorobenzene	7.96	180	381191	36.37	ng	98
31) Naphthalene	8.04	128	1247598	38.65	ng	99
32) Benzoic acid	7.82	122	260137	36.84	ng	85
33) 4-Chloroaniline	8.09	127	70740	5.08	ng	91
34) Hexachlorobutadiene	8.17	225	249625	38.05	ng	99
35) Caprolactam	8.46	113	128771m	43.82	ng	
36) 4-Chloro-3-methylphenol	8.59	107	419900	38.31	ng	90
37) 2-Methylnaphthalene	8.74	142	840712m	40.26	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	354915	37.61	ng	99
40) Hexachlorocyclopentadiene	8.90	237	412394	81.34	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.01	196	268876	38.17	ng	99
43) 2,4,5-Trichlorophenol	9.06	196	291762	41.88	ng #	92
45) 1,1'-Biphenyl	9.20	154	946622	38.41	ng	95
46) 2-Chloronaphthalene	9.22	162	780730	40.62	ng	98
47) 2-Nitroaniline	9.32	65	294110	41.25	ng #	49
48) Acenaphthylene	9.63	152	1177846	39.10	ng	99
49) Dimethylphthalate	9.50	163	919668	39.09	ng	100
50) 2,6-Dinitrotoluene	9.56	165	207312	41.29	ng	97
51) Acenaphthene	9.80	154	846656	44.34	ng	99
52) 3-Nitroaniline	9.72	138	38916	7.05	ng #	82
53) 2,4-Dinitrophenol	9.84	184	229510	83.26	ng #	22
54) Dibenzofuran	9.97	168	1078263	41.89	ng	95
55) 4-Nitrophenol	9.92	139	372368	87.91	ng	87
56) 2,4-Dinitrotoluene	9.96	165	262697	38.57	ng	90
57) Fluorene	10.32	166	796474	38.21	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.10	232	234000	41.15	ng #	91
59) Diethylphthalate	10.20	149	944291	41.10	ng	98
60) 4-Chlorophenyl-phenylether	10.32	204	455903	43.71	ng	99
61) 4-Nitroaniline	10.34	138	191609	34.51	ng #	83
62) Azobenzene	10.48	77	1199813	48.62	ng	95
64) 4,6-Dinitro-2-methylphenol	10.37	198	163016	39.63	ng	81
65) n-Nitrosodiphenylamine	10.43	169	757488	36.32	ng	99
66) 4-Bromophenyl-phenylether	10.81	248	263666	37.93	ng #	93
67) Hexachlorobenzene	10.86	284	274856	35.41	ng #	84
68) Atrazine	10.97	200	257871	39.98	ng	97
69) Pentachlorophenol	11.06	266	328437	69.67	ng	98
70) Phenanthrene	11.28	178	1391562	41.50	ng	99
71) Anthracene	11.32	178	1300925	36.83	ng	99
72) Carbazole	11.48	167	1153583	37.31	ng	98
73) Di-n-butylphthalate	11.82	149	1531560	39.76	ng	99
74) Fluoranthene	12.45	202	1314316	36.53	ng	98
76) Benzidine	12.58	184	559100	33.61	ng	98
77) Pyrene	12.68	202	1371168	40.22	ng	99
79) Butylbenzylphthalate	13.31	149	676466	44.92	ng	93
80) Benzo(a)anthracene	13.87	228	1339500	43.15	ng	99
81) 3,3'-Dichlorobenzidine	13.84	252	156357	14.17	ng #	98
82) Chrysene	13.91	228	1020895	35.91	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	886027	42.98	ng	99
84) Di-n-octyl phthalate	14.50	149	1531120	44.53	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	905519	36.98	ng	97
87) Benzo(b)fluoranthene	14.90	252	1209860m	48.64	ng	
88) Benzo(k)fluoranthene	14.92	252	813024m	36.84	ng	
89) Benzo(a)pyrene	15.23	252	948929	44.03	ng #	98
90) Dibenzo(a,h)anthracene	16.61	278	756402	41.45	ng	98
91) Benzo(g,h,i)perylene	16.99	276	752841	43.07	ng #	96

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

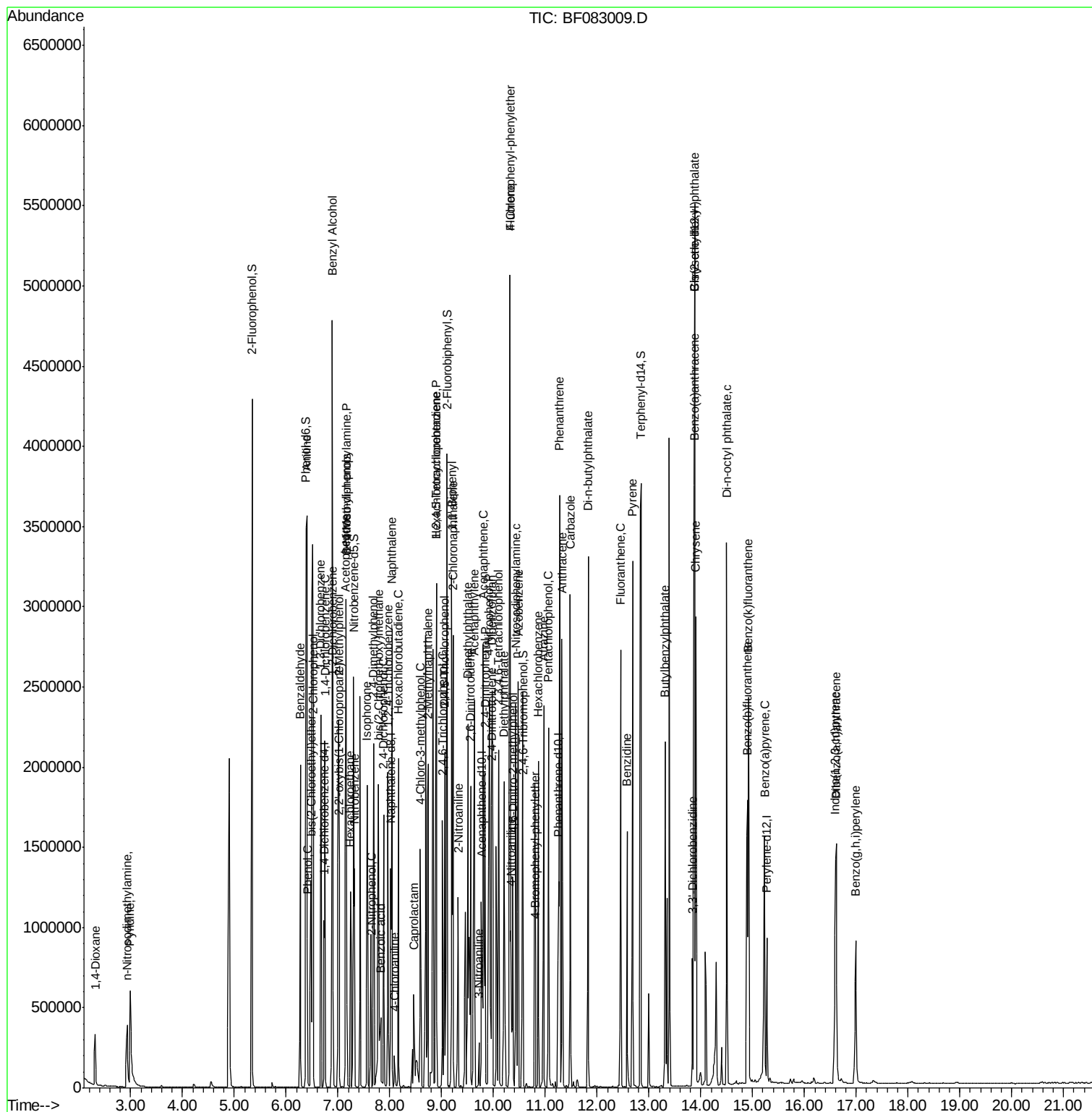
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\  
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Operator  : UM/IZ  
Sample    : PB86622BSD  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
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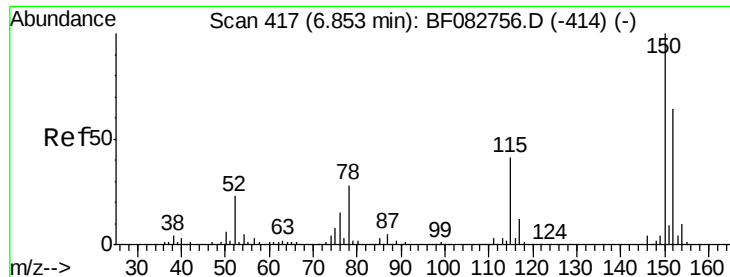
Instrument :
BNA_F
ClientSampleId :
PB86622BSD

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF083009.D

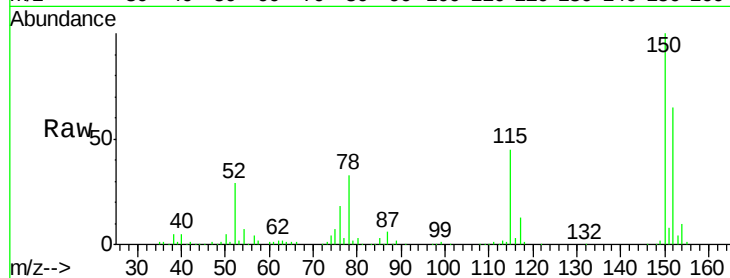
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

PB86622BSD



Tgt Ion: 152 Resp: 153569

Ion Ratio Lower Upper

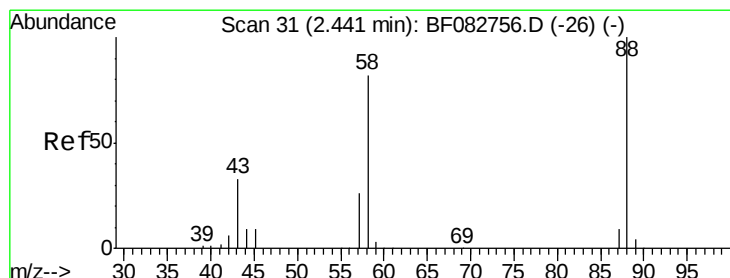
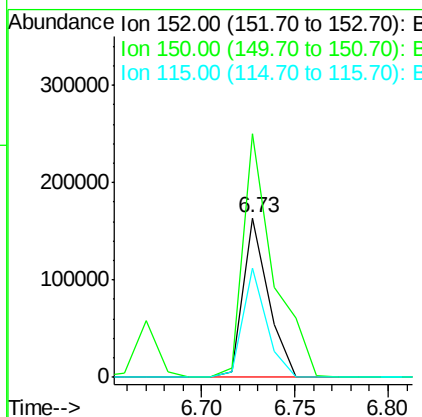
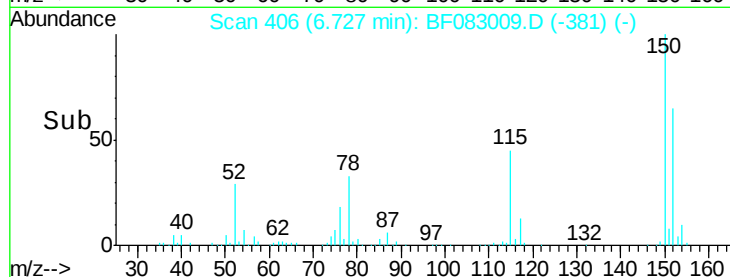
152 100

150 153.0 127.0 190.4

115 68.9 47.0 70.6

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#2

1,4-Dioxane

Concen: 37.67 ng

RT: 2.32 min Scan# 20

Delta R.T. 0.08 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

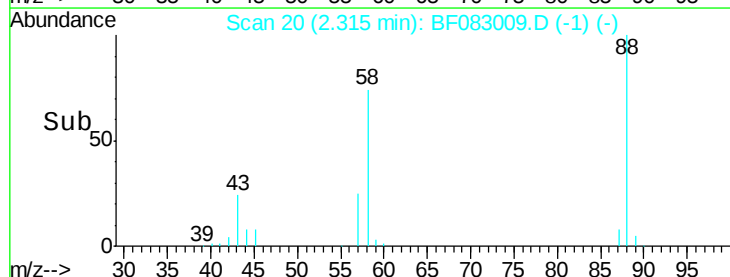
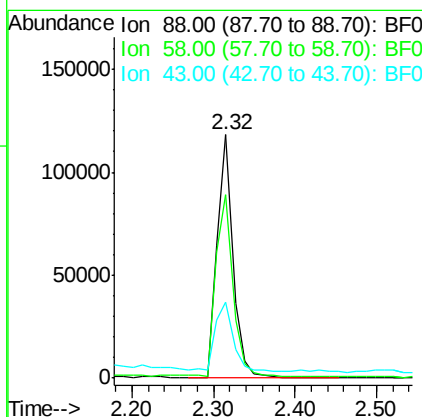
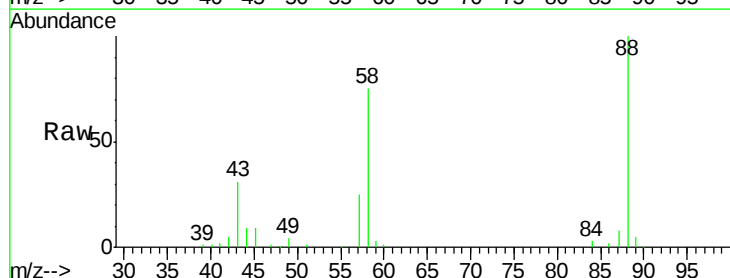
Tgt Ion: 88 Resp: 160441

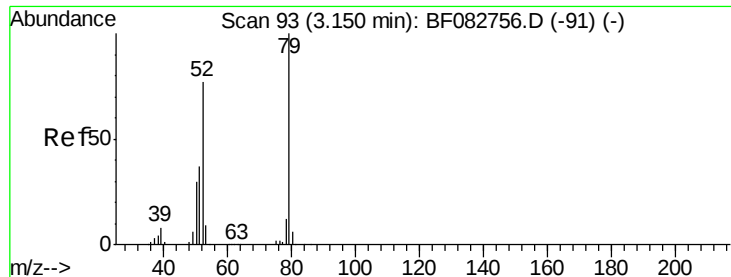
Ion Ratio Lower Upper

88 100

58 80.9 62.0 93.0

43 31.8 26.6 40.0





#3

Pyridine

Concen: 33.44 ng

RT: 2.99 min Scan# 79

Delta R.T. 0.08 min

Lab File: BF083009.D

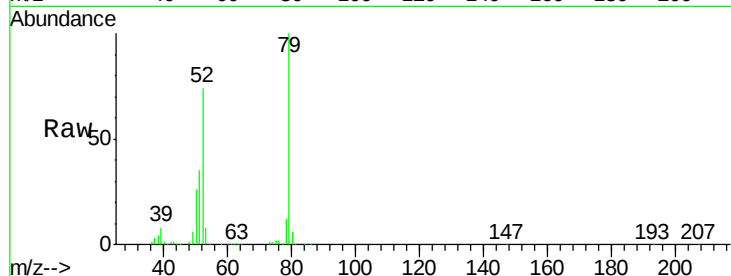
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

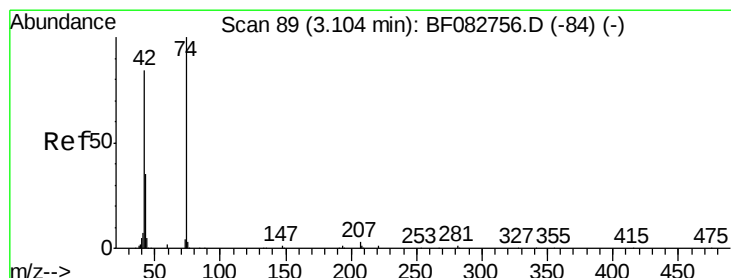
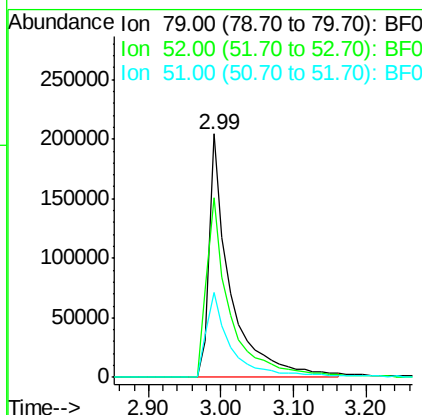
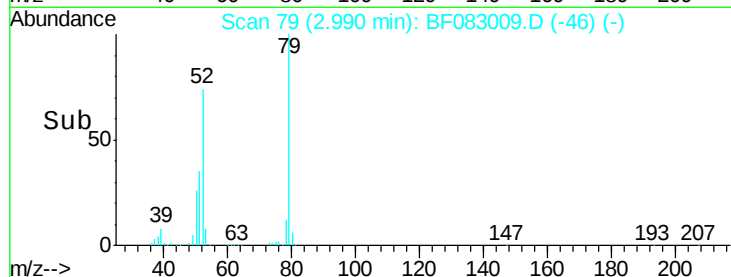
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Tgt Ion:	79	Resp:	413210
Ion Ratio	Lower	Upper	
79	100		
52	73.8	62.8	94.2
51	35.1	32.0	48.0

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#4

n-Nitrosodimethylamine

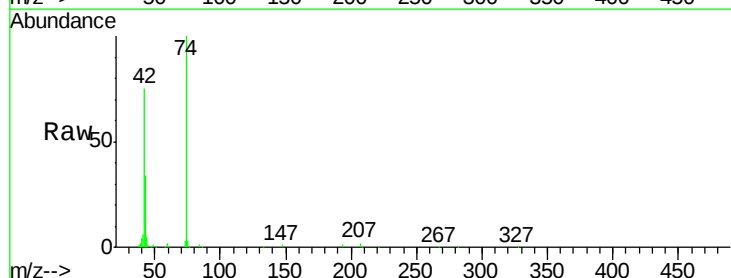
Concen: 38.26 ng

RT: 2.93 min Scan# 74

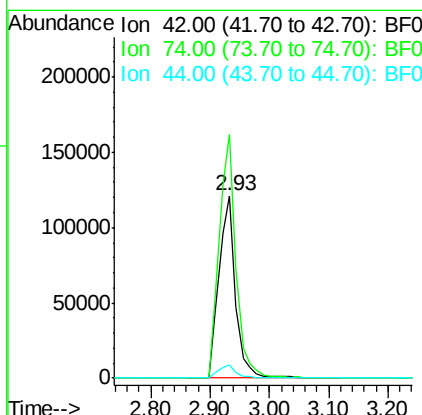
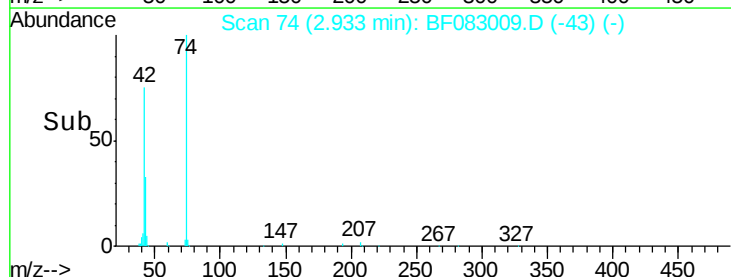
Delta R.T. 0.06 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38



Tgt Ion:	42	Resp:	234516
Ion Ratio	Lower	Upper	
42	100		
74	133.2	87.0	130.4#
44	7.0	5.8	8.8





#5

2-Fluorophenol

Concen: 122.08 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.01 min

Lab File: BF083009.D

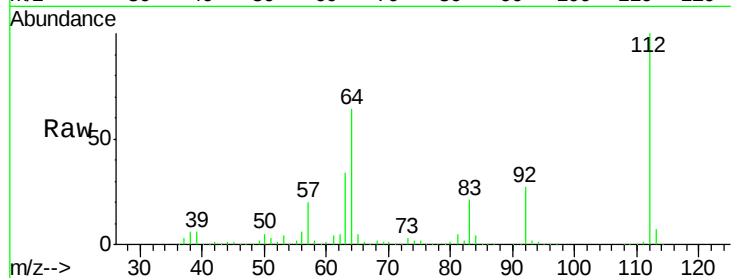
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

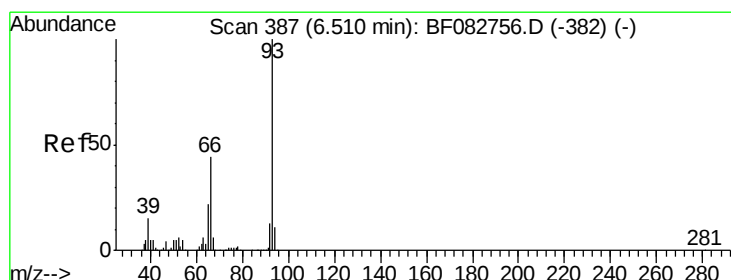
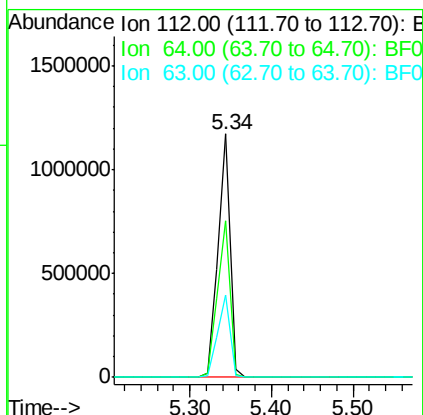
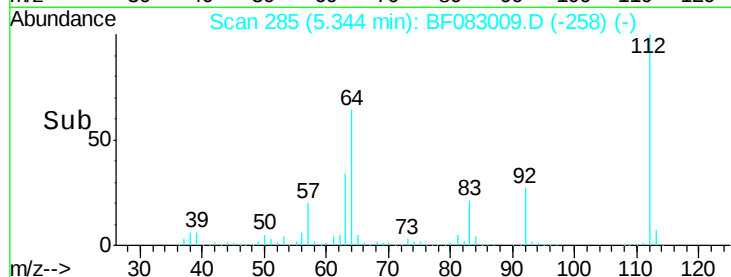
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Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	48.9	73.3
63	33.9	28.1	42.1

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#6

Aniline

Concen: 12.91 ng

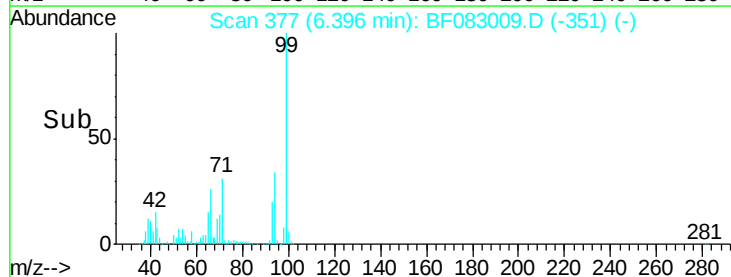
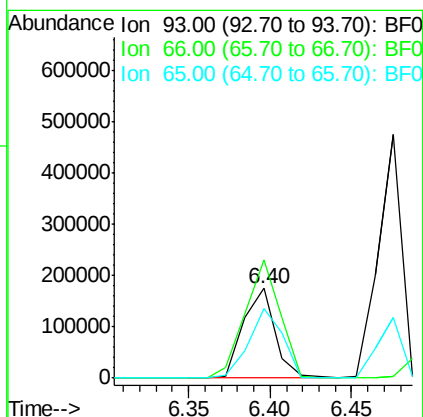
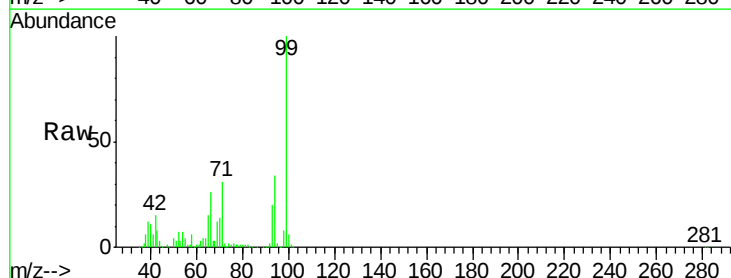
RT: 6.40 min Scan# 377

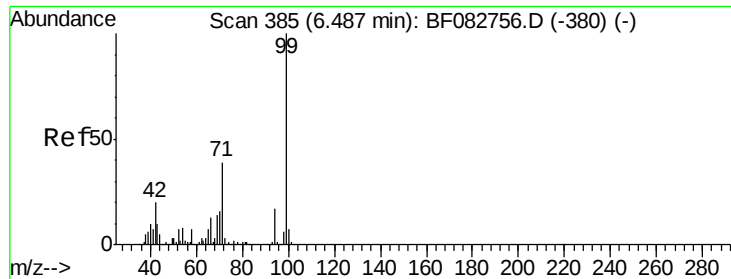
Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
66	131.9	33.6	50.4#
65	76.9	18.1	27.1#





#7

Phenol-d6

Concen: 123.93 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF083009.D

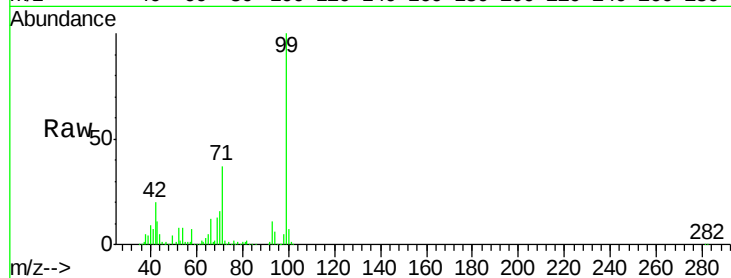
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

PB86622BSD



Tgt Ion: 99 Resp: 1626096

Ion Ratio Lower Upper

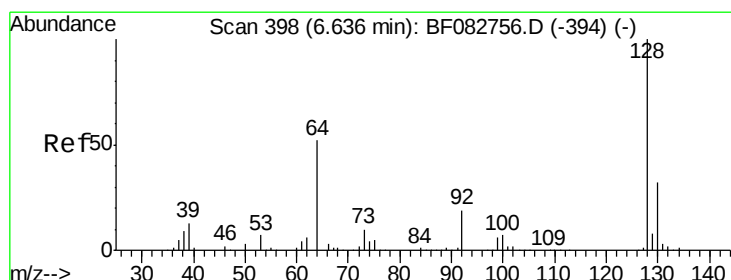
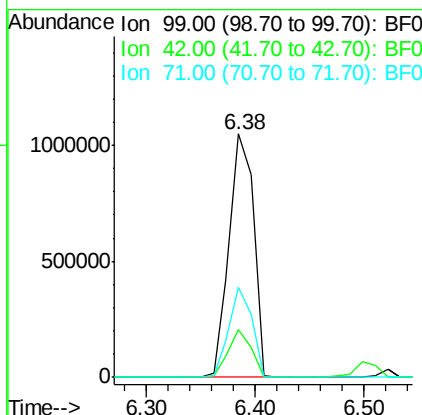
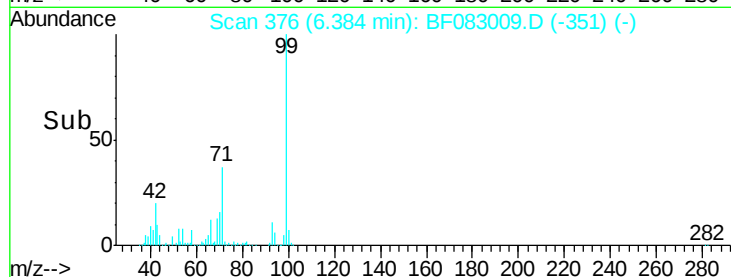
99 100

42 19.7 19.2 28.8

71 36.8 35.0 52.4

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#8

2-Chlorophenol

Concen: 40.90 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

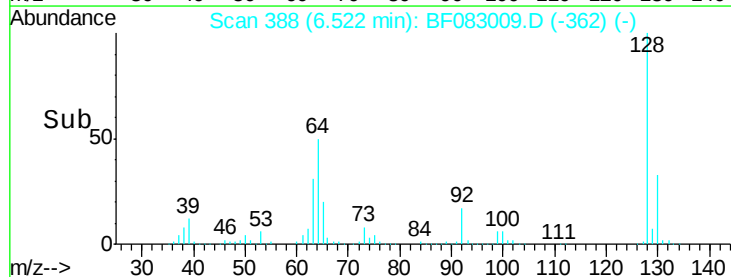
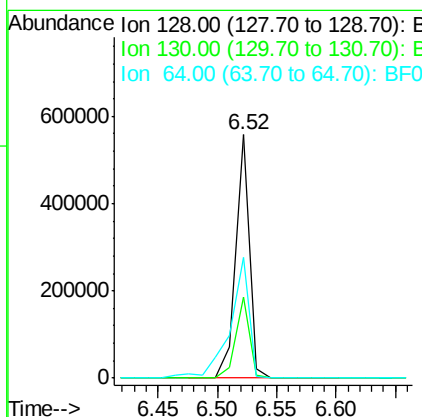
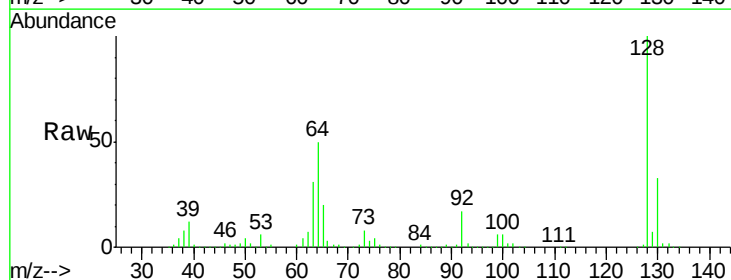
Tgt Ion: 128 Resp: 447495

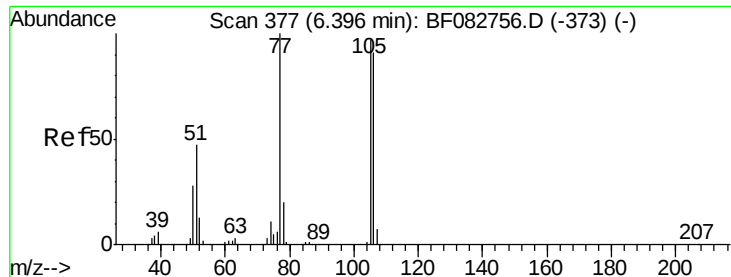
Ion Ratio Lower Upper

128 100

130 33.1 13.5 53.5

64 49.8 21.1 61.1





#9

Benzaldehyde

Concen: 52.35 ng

RT: 6.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF083009.D

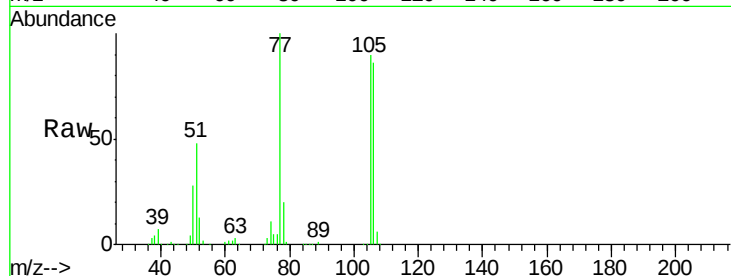
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

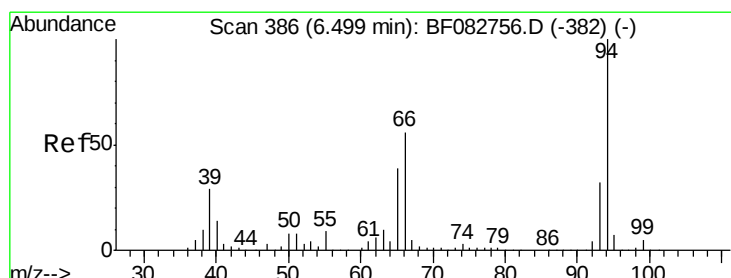
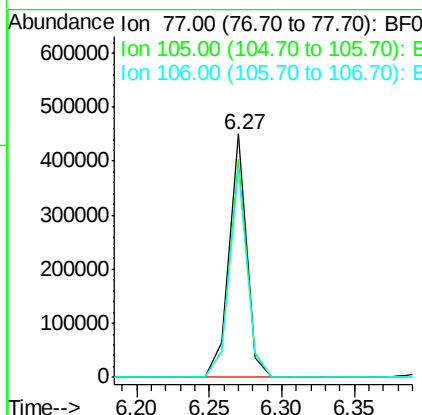
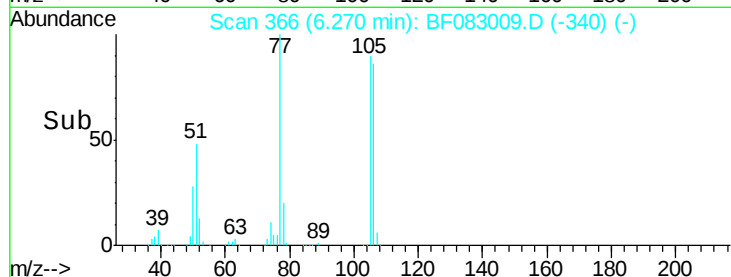
PB86622BSD



Tgt Ion:	77	Resp:	379476
Ion Ratio	Lower	Upper	
77	100		
105	89.5	63.5	103.5
106	85.5	59.3	99.3

Manual Integrations
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#10

Phenol

Concen: 33.78 ng

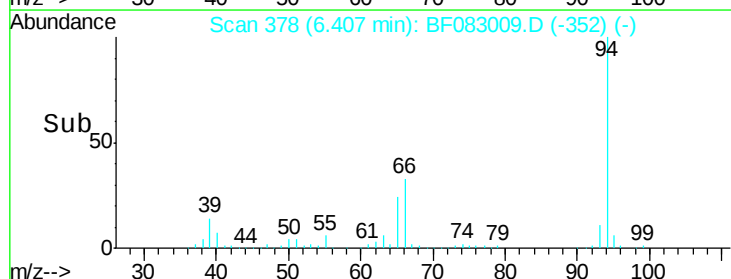
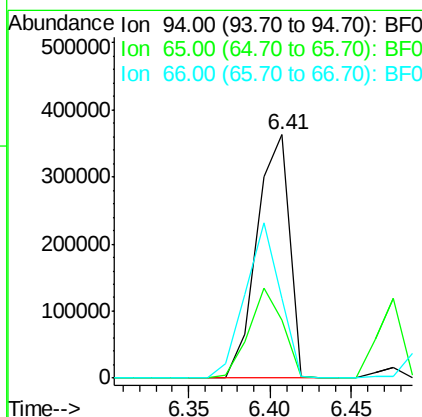
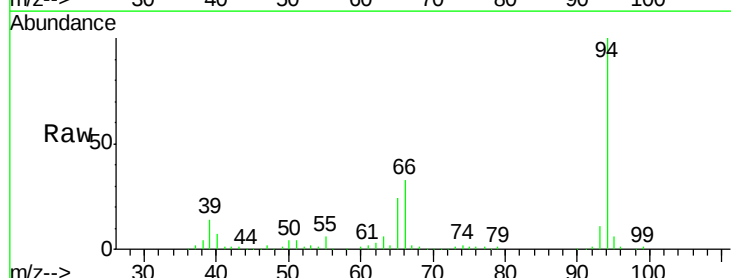
RT: 6.41 min Scan# 378

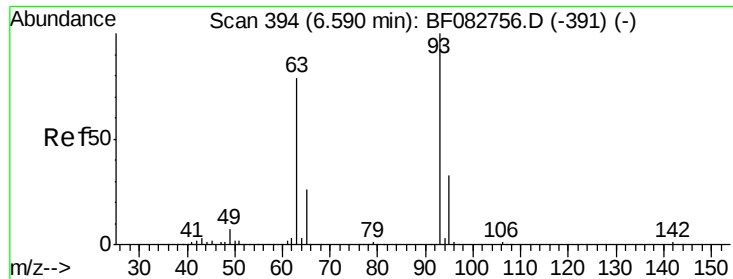
Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion:	94	Resp:	502977
Ion Ratio	Lower	Upper	
94	100		
65	24.0	18.9	58.9
66	32.6	34.9	74.9





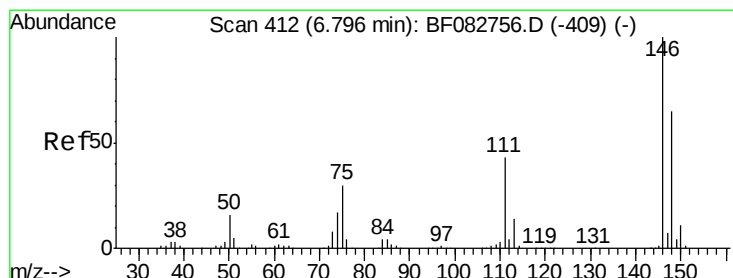
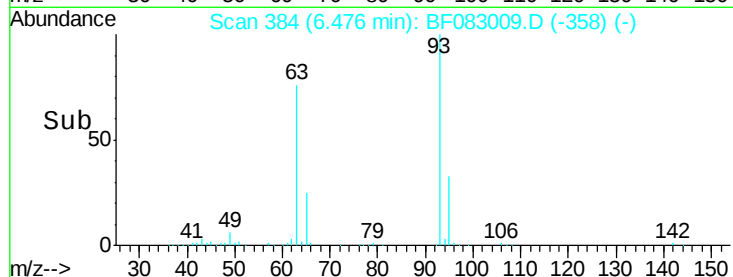
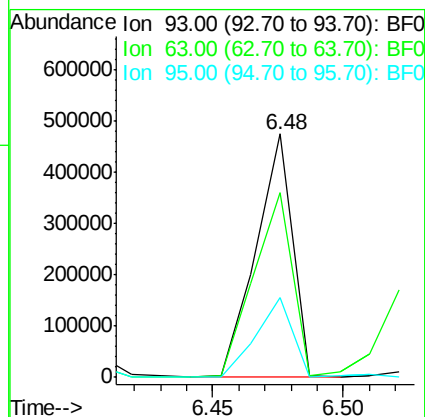
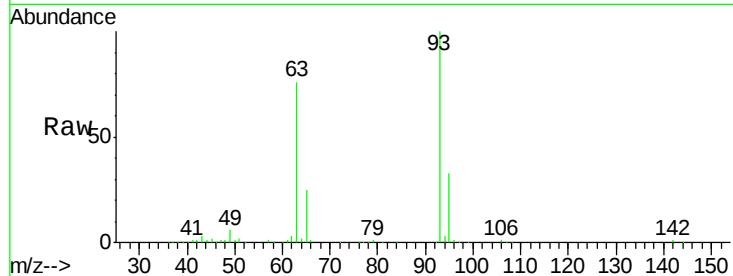
#11
bis(2-Chloroethyl)ether
Concen: 41.77 ng
RT: 6.48 min Scan# 384
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion	Ratio	Lower	Upper
93	100		
63	76.1	72.7	112.7
95	32.8	12.0	52.0

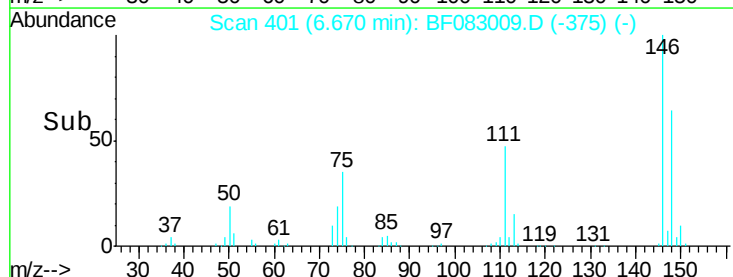
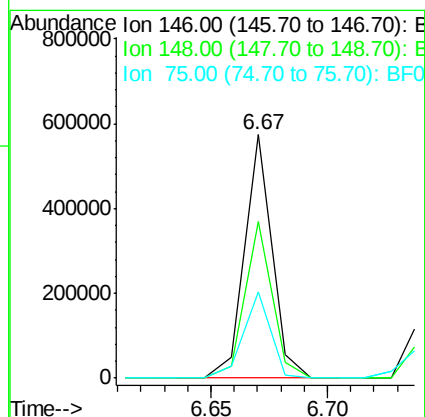
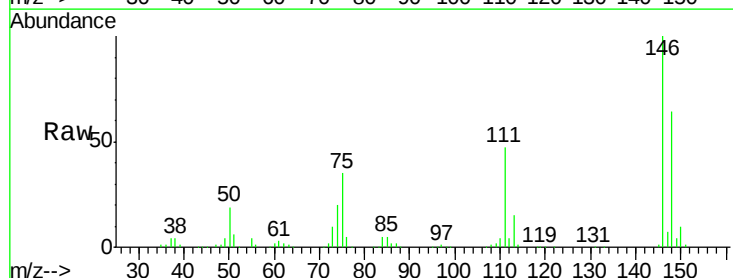
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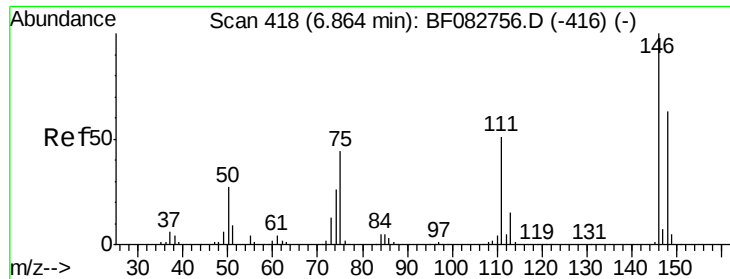
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#12
1,3-Dichlorobenzene
Concen: 37.71 ng m
RT: 6.67 min Scan# 401
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

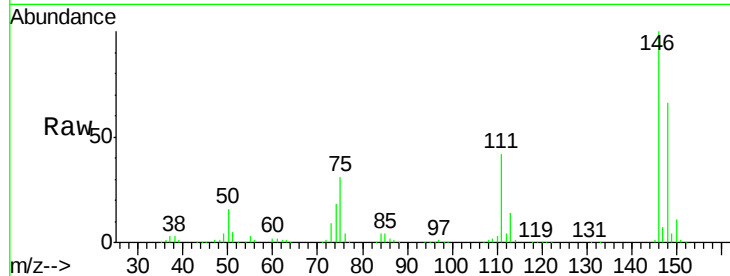
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.5	75.7
75	35.3	39.5	59.3





#13
 1,4-Dichlorobenzene
 Concen: 38.41 ng
 RT: 6.75 min Scan# 408
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

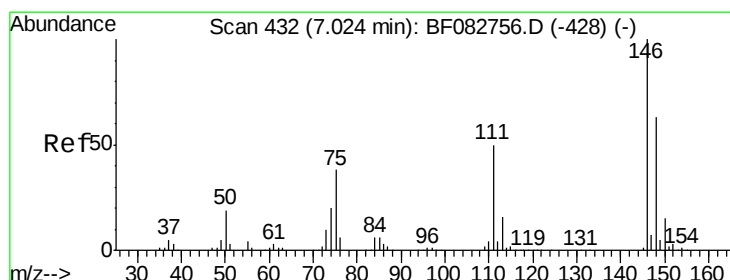
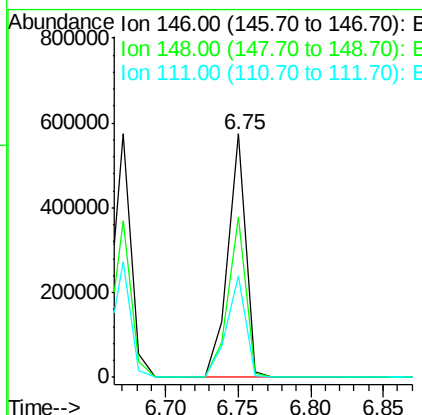
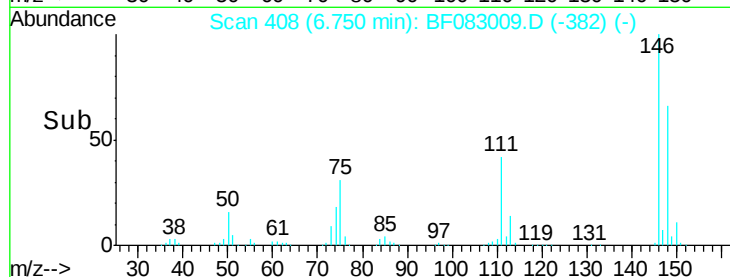
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD



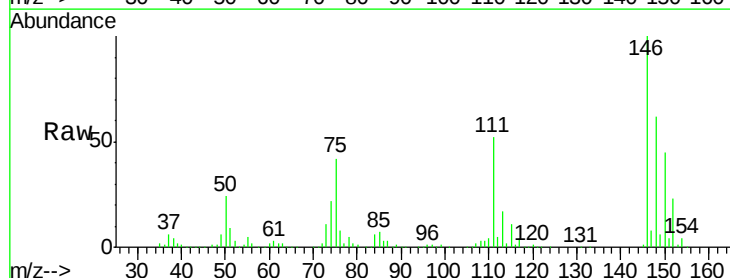
Tgt Ion	Ratio	Resp	Lower	Upper
146	100	493085		
148	65.9	50.8	76.2	
111	41.8	40.6	60.8	

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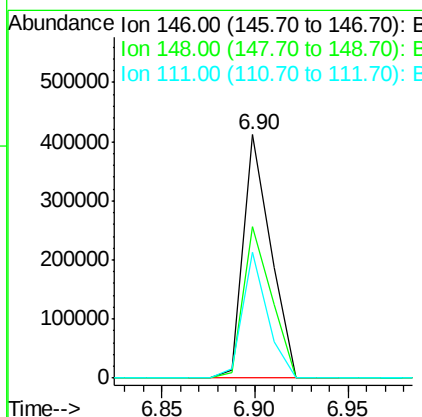
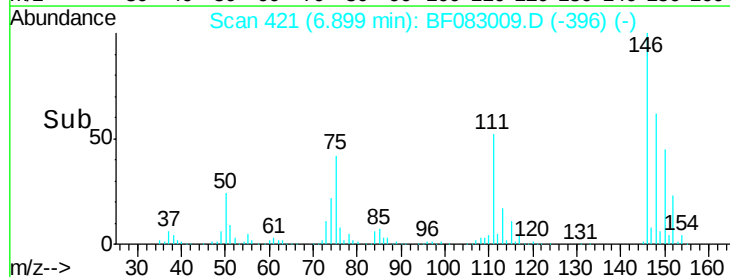
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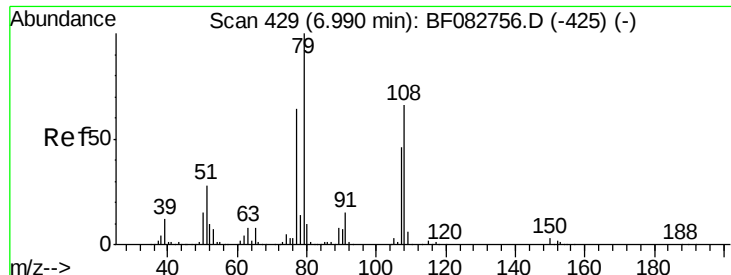


#14
 1,2-Dichlorobenzene
 Concen: 35.98 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38



Tgt Ion	Ratio	Resp	Lower	Upper
146	100	420131		
148	62.5	52.2	78.4	
111	51.9	36.6	55.0	





#15

Benzyl Alcohol

Concen: 37.81 ng

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083009.D

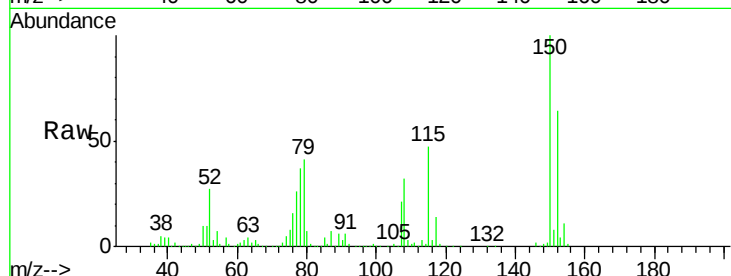
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

PB86622BSD



Tgt Ion: 79 Resp: 435741

Ion Ratio Lower Upper

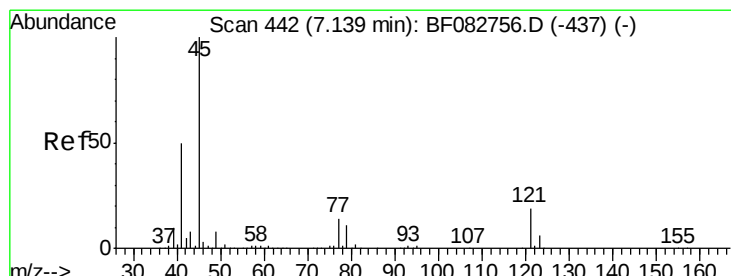
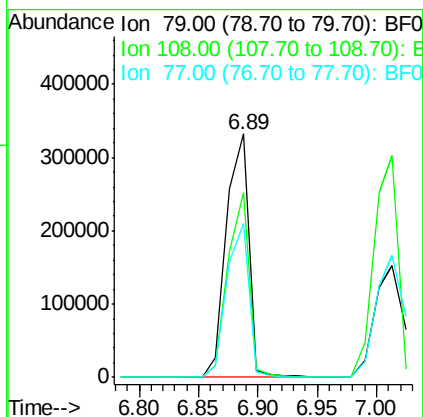
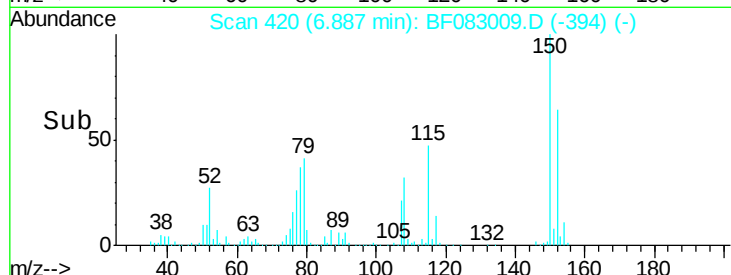
79 100

108 76.1 52.2 78.4

77 63.3 52.7 79.1

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.00 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

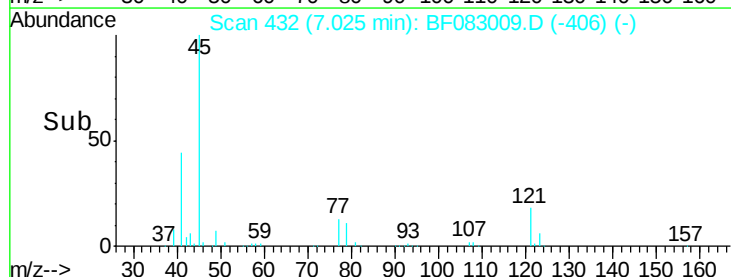
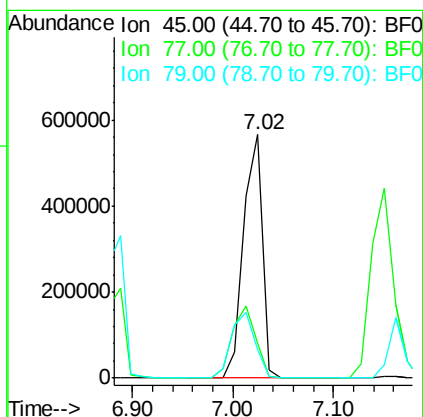
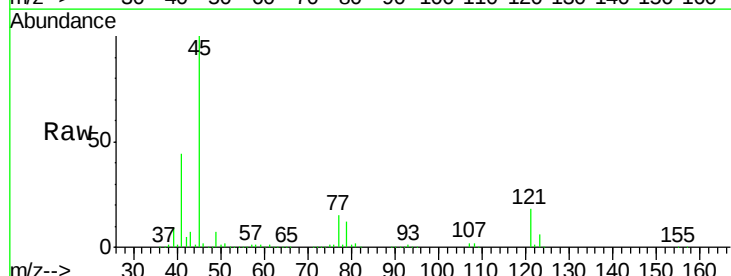
Tgt Ion: 45 Resp: 734852

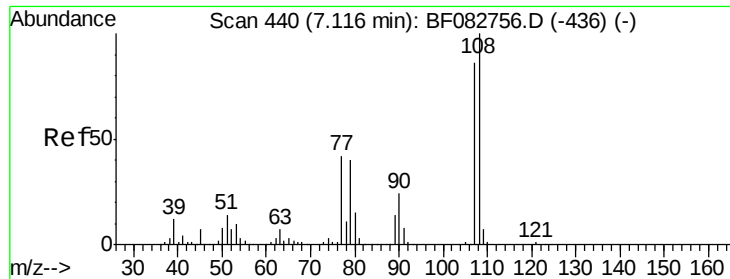
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.6

79 11.5 0.0 29.2





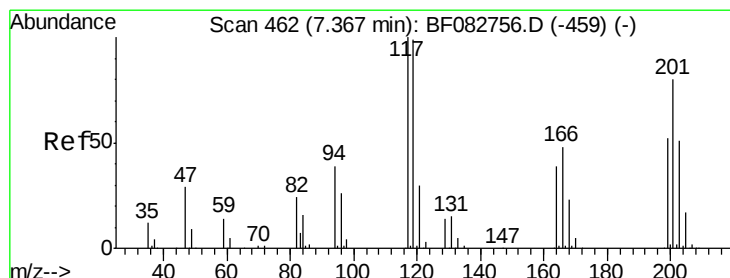
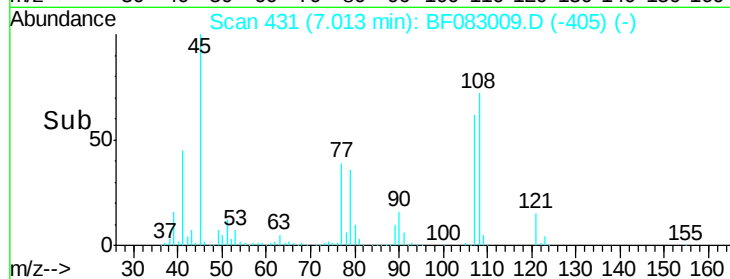
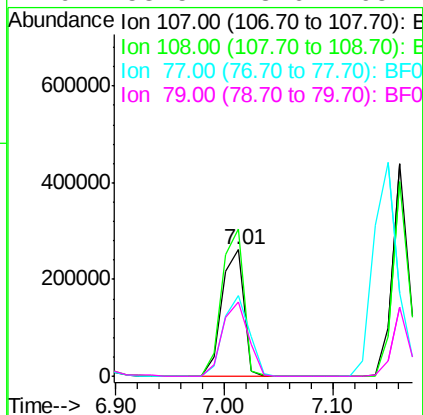
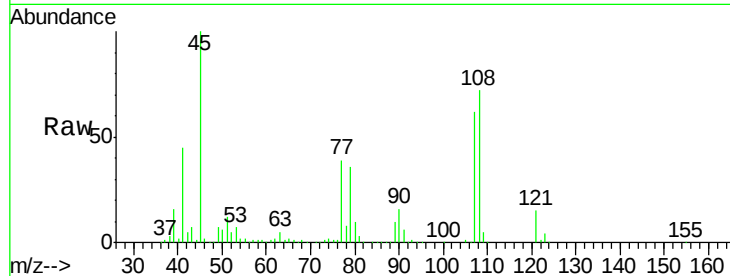
#17
2-Methylphenol
Concen: 39.41 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion:	107	Resp:	365257
Ion Ratio	Lower	Upper	
107	100		
108	116.1	93.0	139.4
77	63.9	44.1	66.1
79	58.5	43.6	65.4

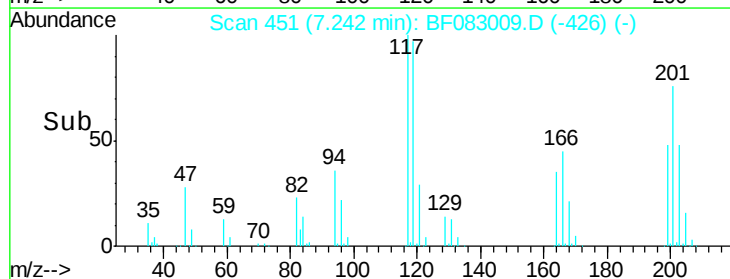
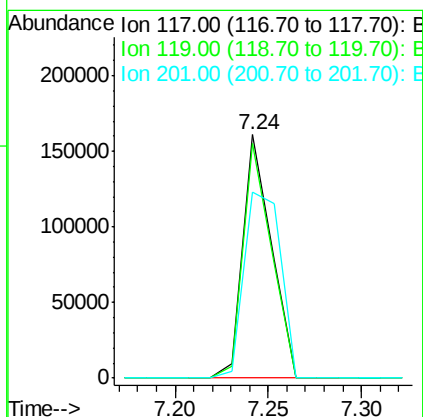
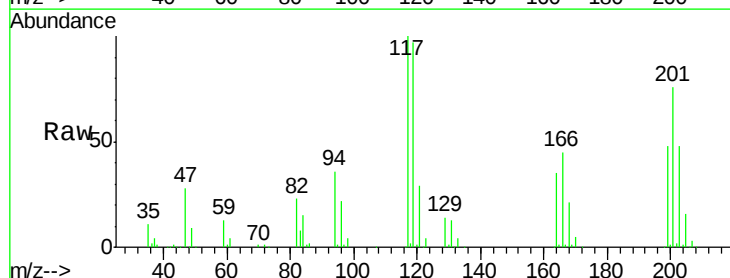
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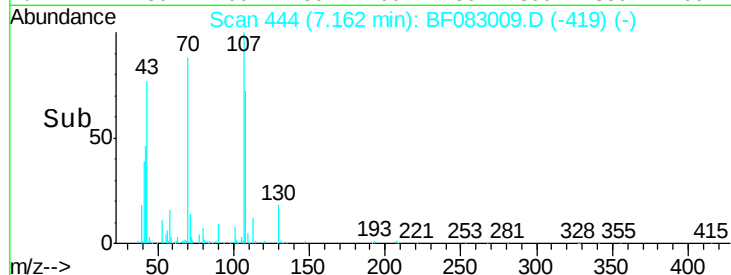
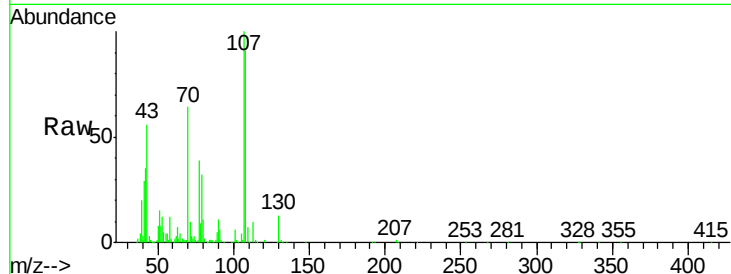
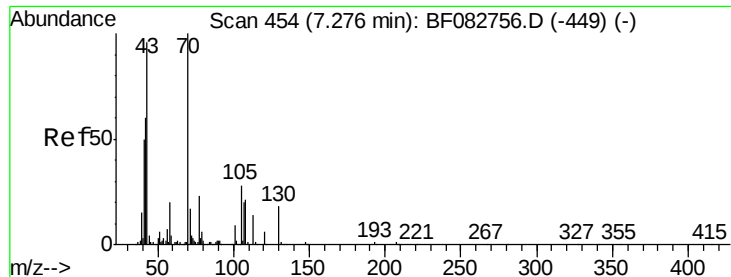
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#18
Hexachloroethane
Concen: 37.17 ng
RT: 7.24 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:	117	Resp:	170684
Ion Ratio	Lower	Upper	
117	100		
119	96.6	77.7	116.5
201	76.4	66.7	100.1





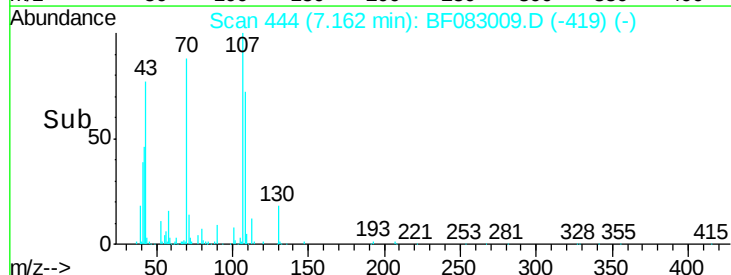
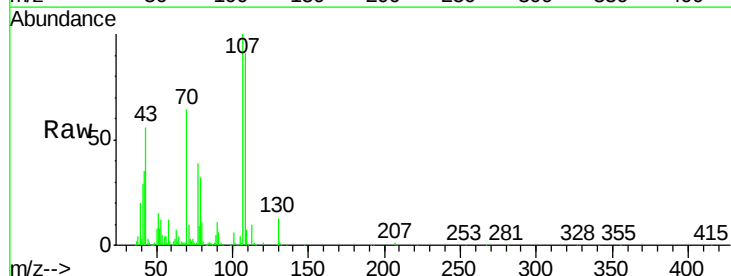
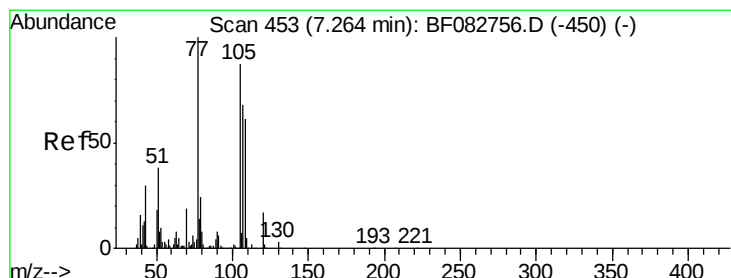
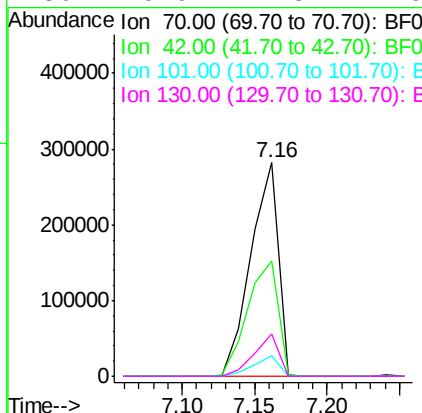
#19
n-Nitroso-di-n-propylamine
Concen: 38.53 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Manual Integrations
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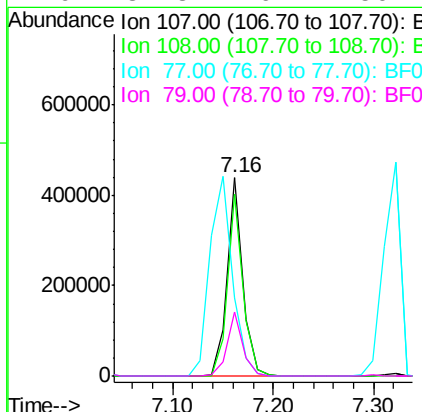
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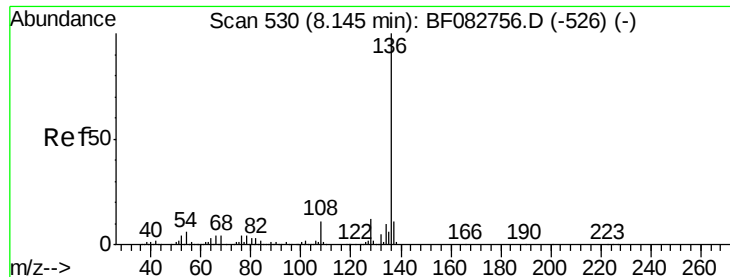
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.2	57.7	86.5#
101	9.7	7.0	10.6
130	19.9	11.8	17.6#



#20
3+4-Methylphenols
Concen: 39.02 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.4	67.3	107.3
77	39.2	100.3	140.3#
79	32.3	16.2	56.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.00 min

Lab File: BF083009.D

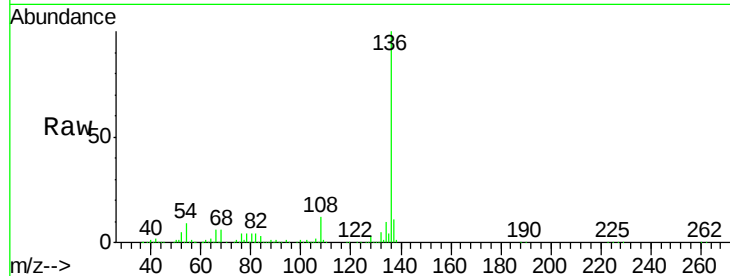
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

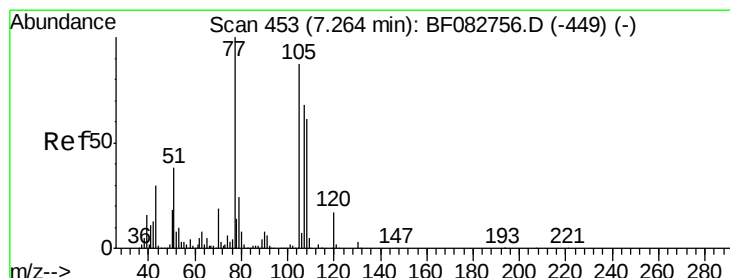
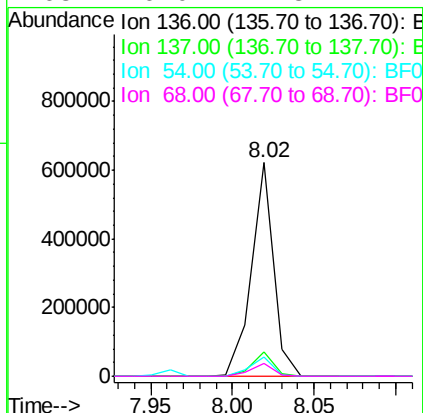
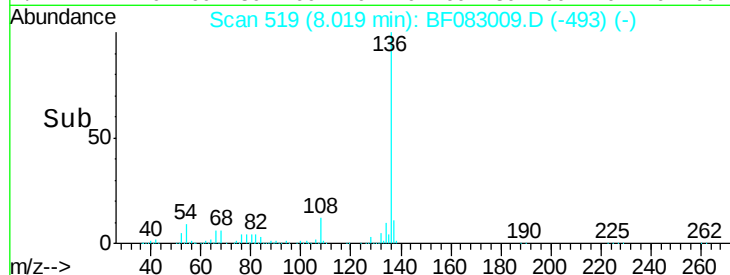
PB86622BSD



Tgt Ion	Ratio	Resp	Lower	Upper
136	100	585079		
137	11.1	9.1	13.7	
54	9.0	9.1	13.7#	
68	6.0	4.8	7.2	

Manual Integrations
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#22

Acetophenone

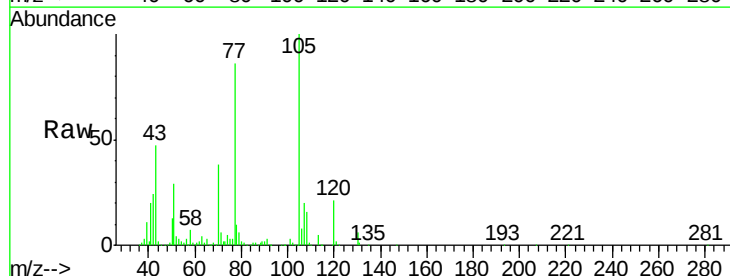
Concen: 37.91 ng

RT: 7.15 min Scan# 443

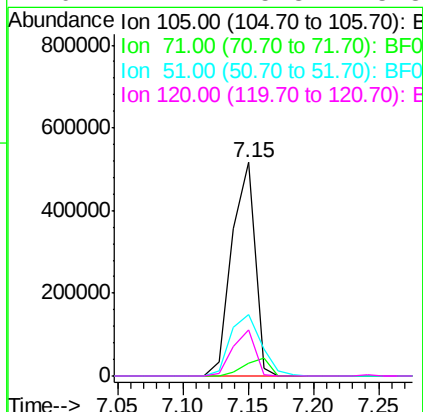
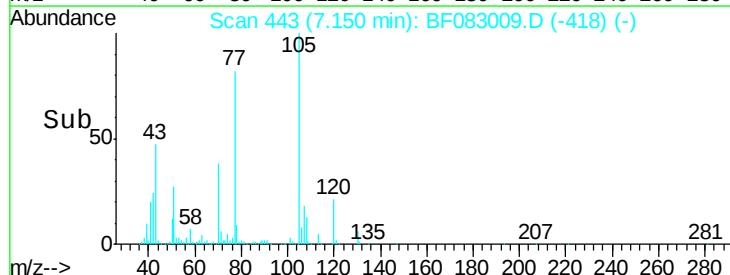
Delta R.T. -0.01 min

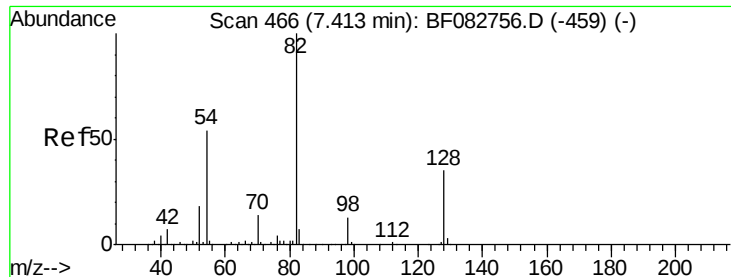
Lab File: BF083009.D

Acq: 18 Nov 2015 14:38



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	635470		
71	6.1	5.6	8.4	
51	28.9	24.9	37.3	
120	21.4	15.8	23.8	





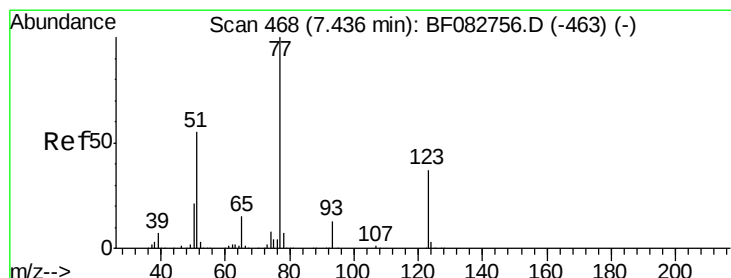
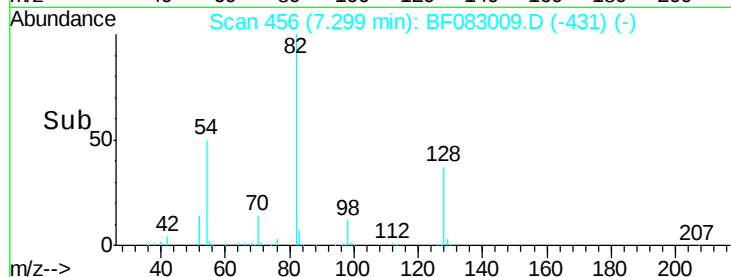
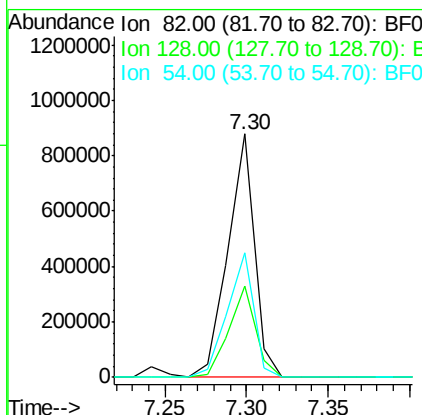
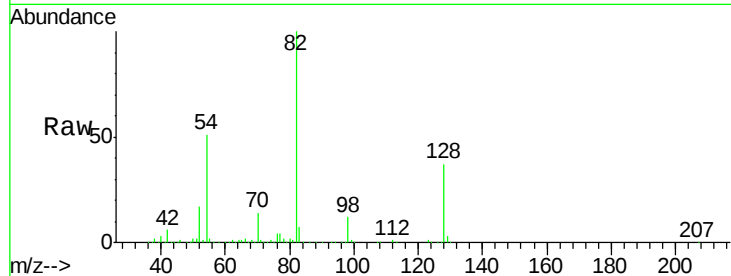
#23
 Nitrobenzene-d5
 Concen: 73.17 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.8	40.2
54	51.4	45.7	68.5

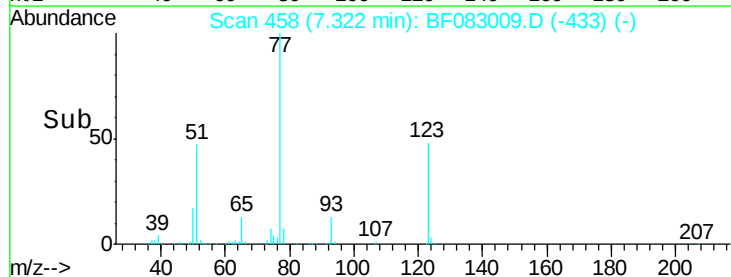
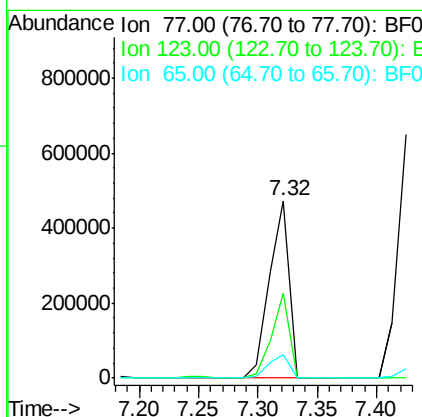
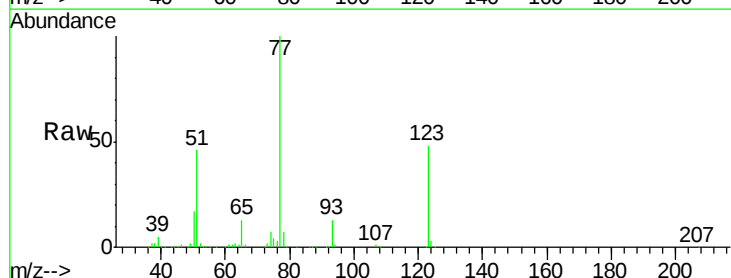
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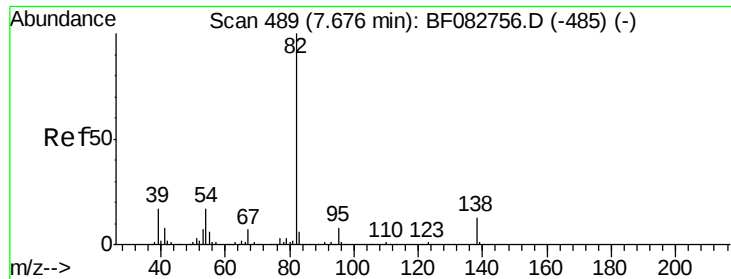
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#24
 Nitrobenzene
 Concen: 39.77 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	36.4	54.6
65	13.0	11.5	17.3





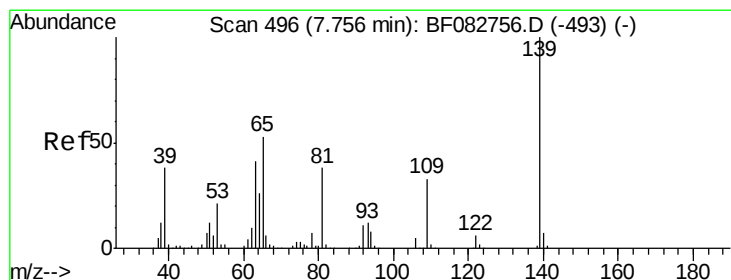
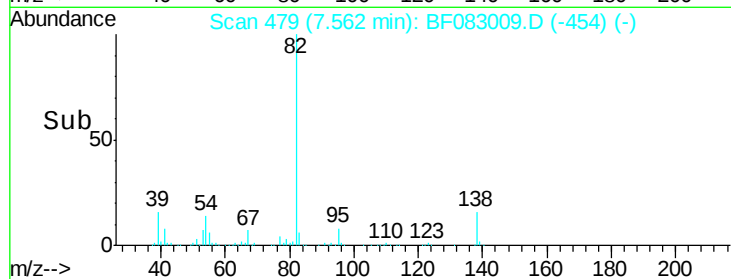
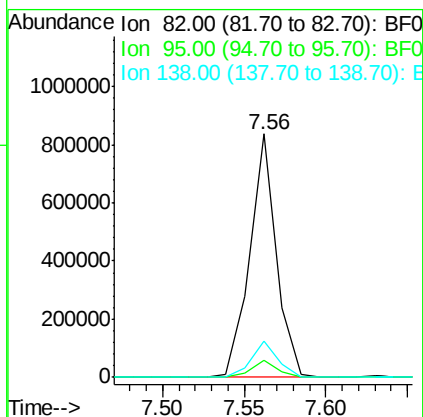
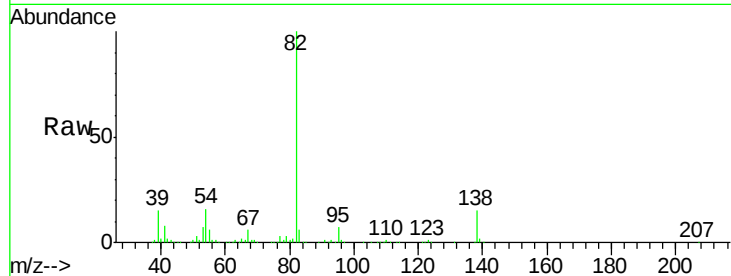
#25
Isophorone
Concen: 37.91 ng
RT: 7.56 min Scan# 479
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	943134		
95	7.1	6.6	9.8	
138	14.9	11.4	17.0	

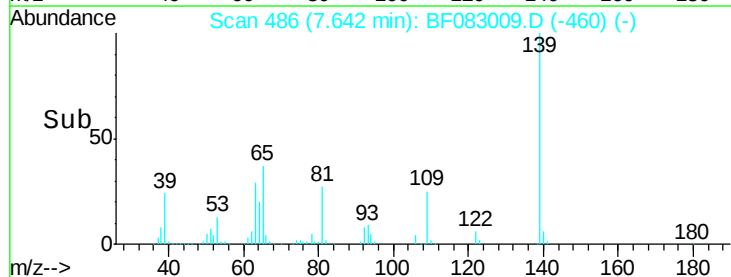
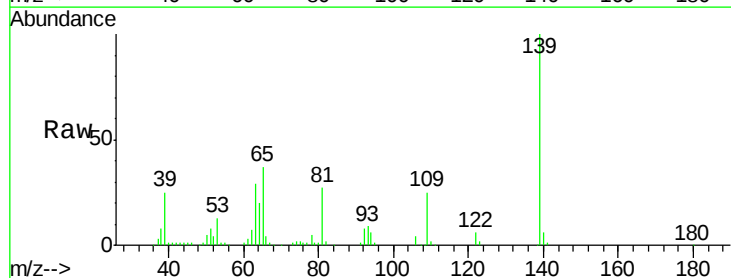
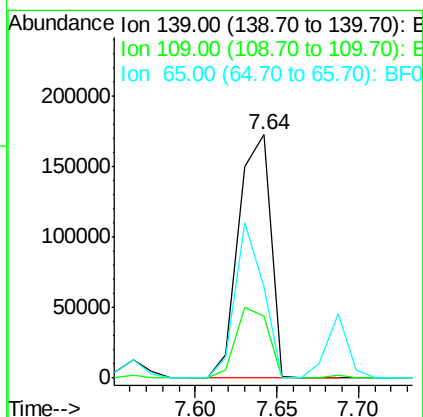
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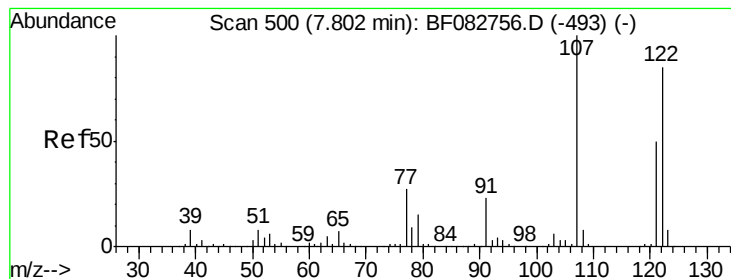
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#26
2-Nitrophenol
Concen: 40.59 ng
RT: 7.64 min Scan# 486
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

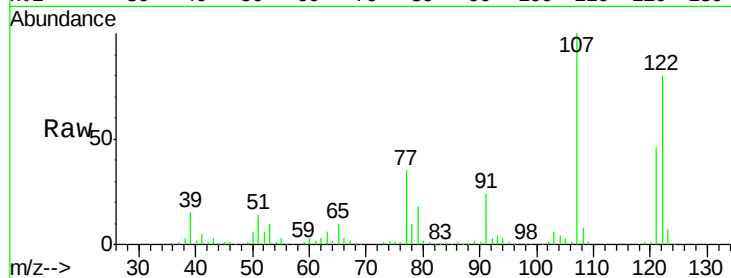
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	232966		
109	25.5	37.6	56.4#	
65	37.3	70.6	105.8#	





#27
 2,4-Dimethylphenol
 Concen: 36.56 ng
 RT: 7.69 min Scan# 490
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

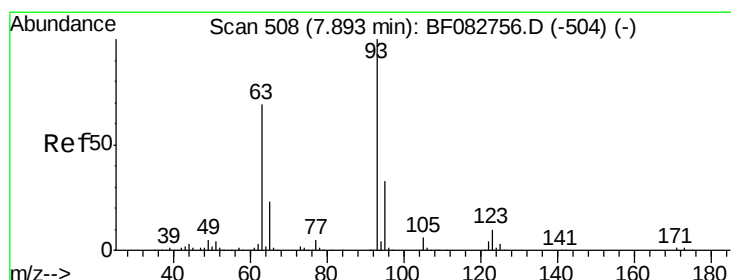
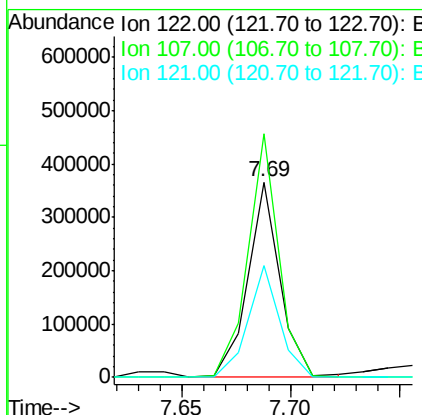
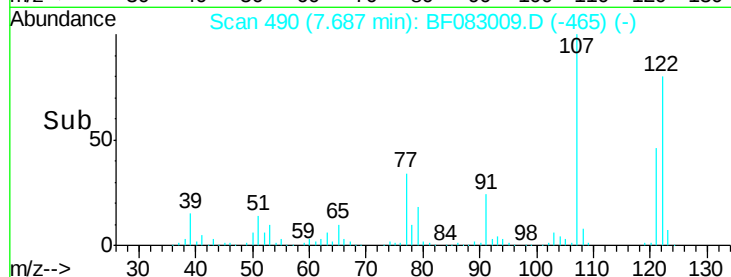
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD



Tgt Ion	Ratio	Lower	Upper
122	100		
107	124.6	106.0	159.0
121	57.4	46.7	70.1

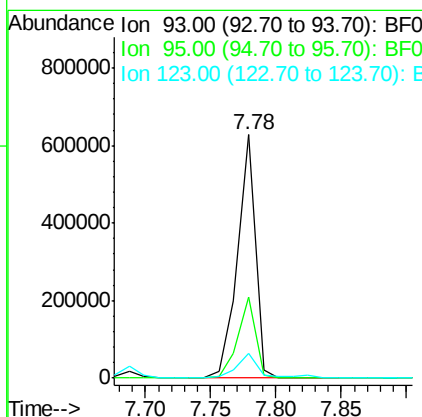
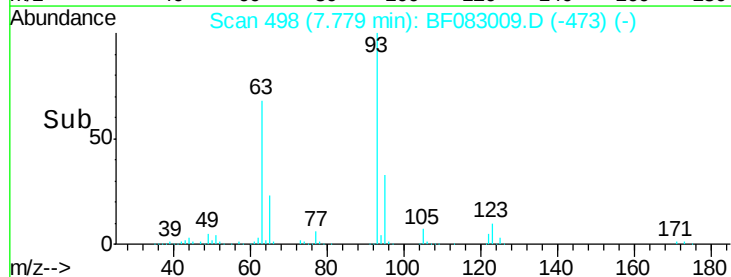
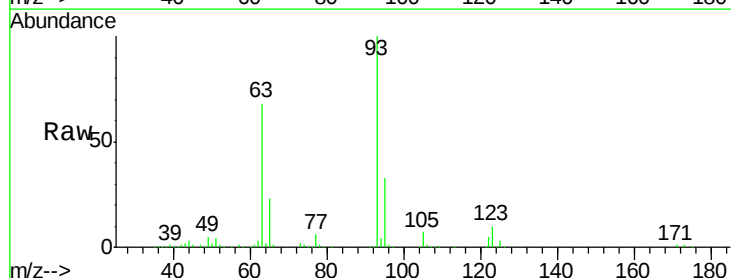
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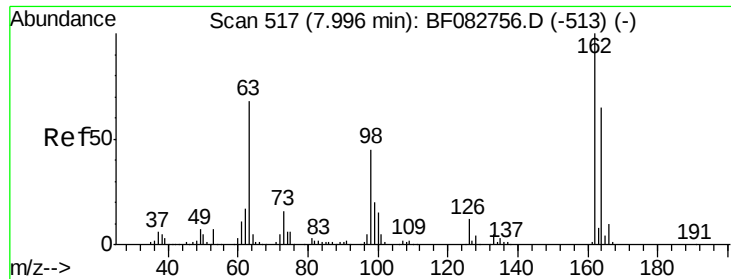
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.54 ng
 RT: 7.78 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.6	40.0
123	10.0	9.7	14.5





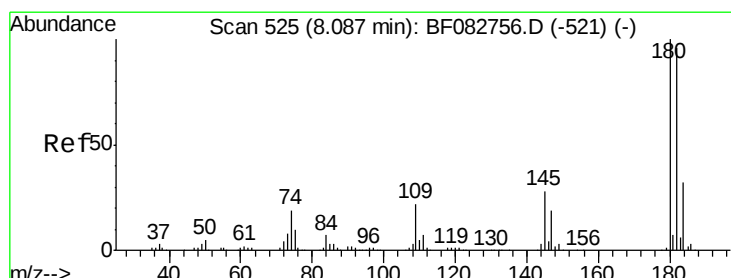
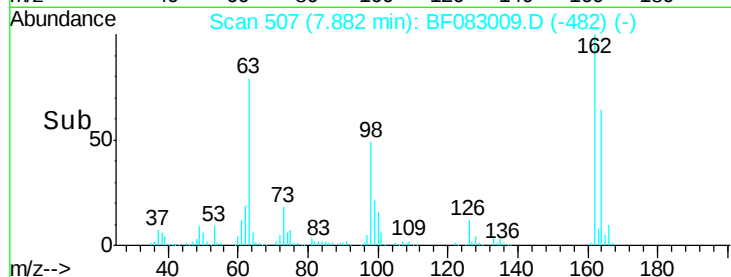
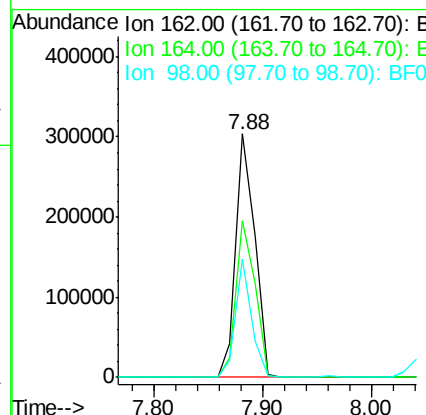
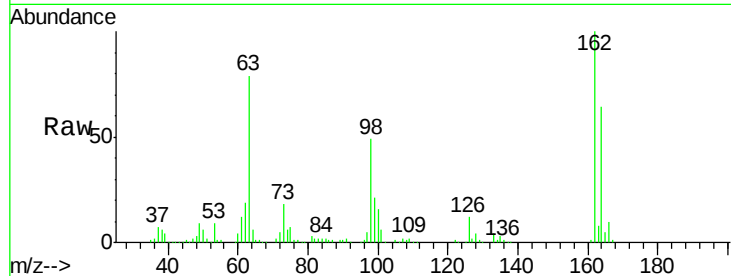
#29
2,4-Dichlorophenol
Concen: 38.92 ng
RT: 7.88 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	46.8	86.8
98	48.7	12.5	52.5

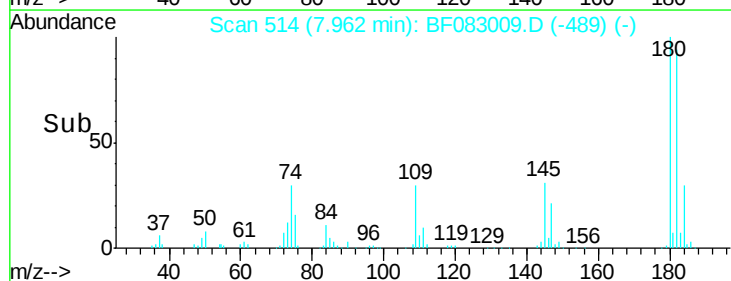
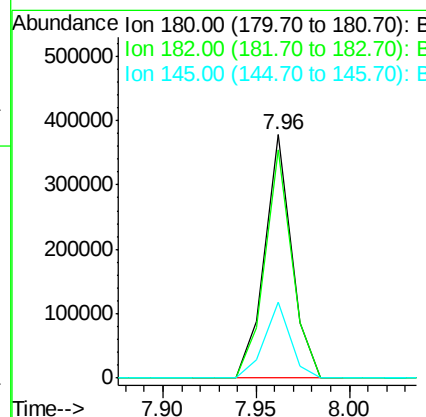
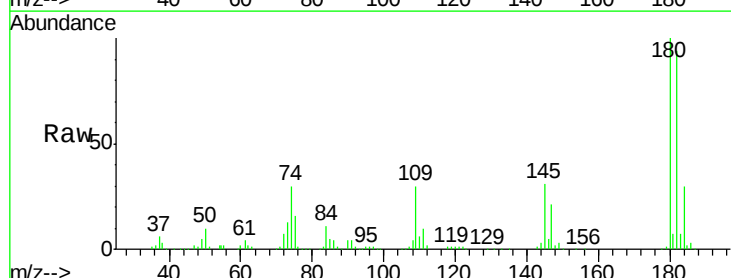
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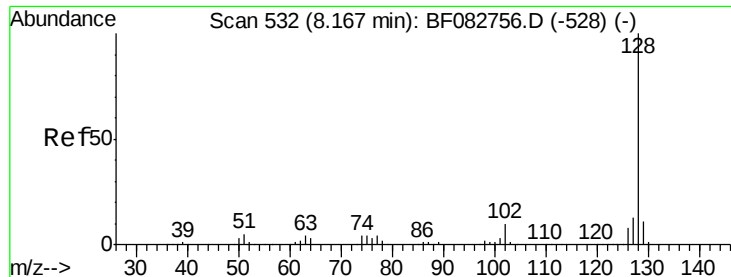
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#30
1,2,4-Trichlorobenzene
Concen: 36.37 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	74.9	112.3
145	31.4	27.8	41.8





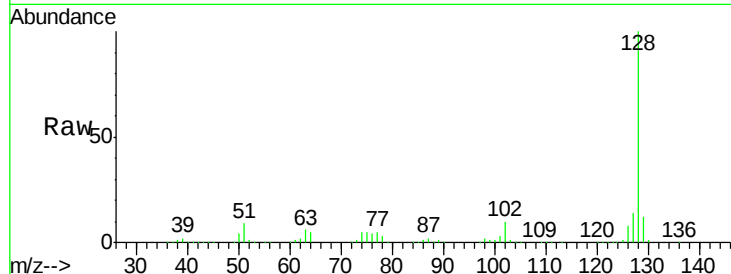
#31
Naphthalene
Concen: 38.65 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

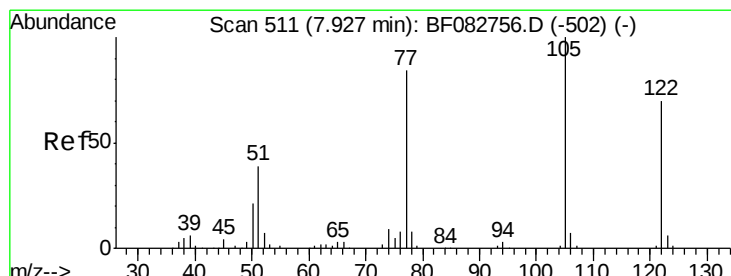
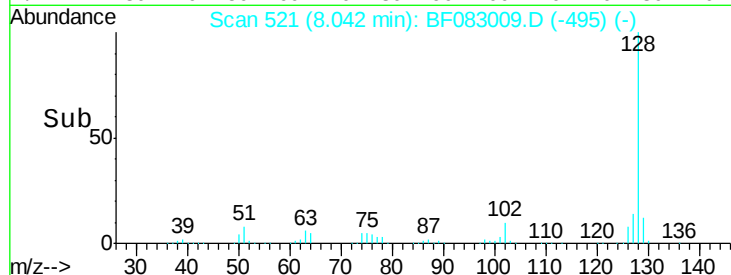
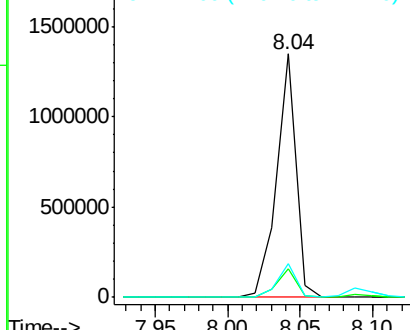
Tgt Ion:128 Resp: 1247598
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.7 11.4 17.0

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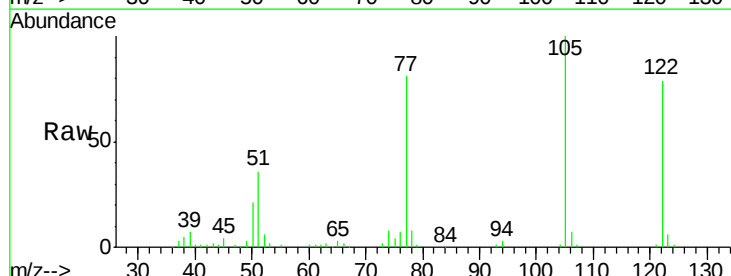


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

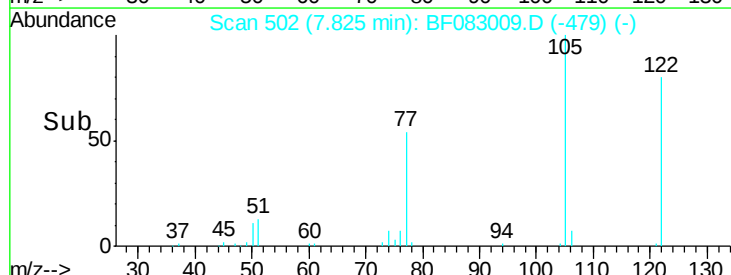
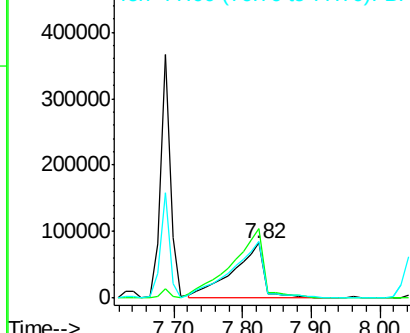


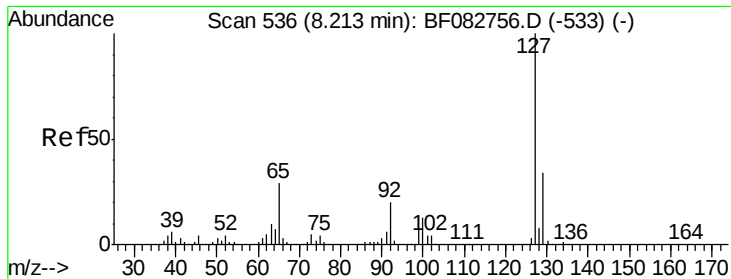
#32
Benzoic acid
Concen: 36.84 ng
RT: 7.82 min Scan# 502
Delta R.T. -0.03 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion:122 Resp: 260137
Ion Ratio Lower Upper
122 100
105 126.4 122.6 162.6
77 101.8 100.9 140.9



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





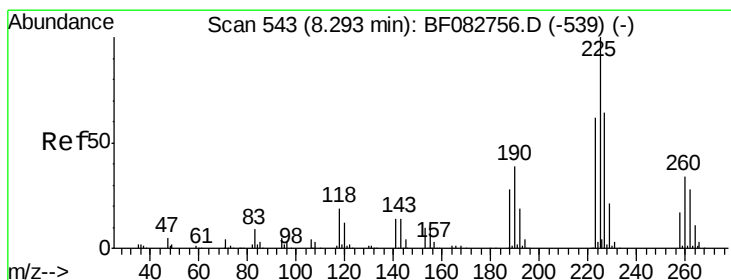
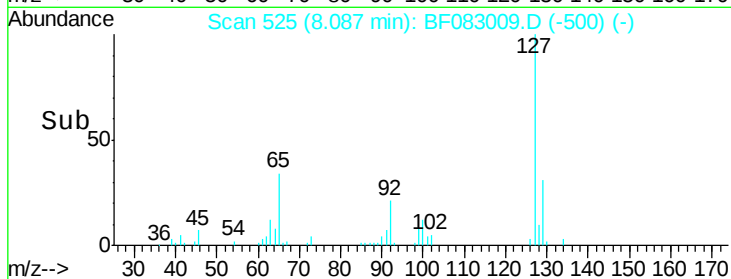
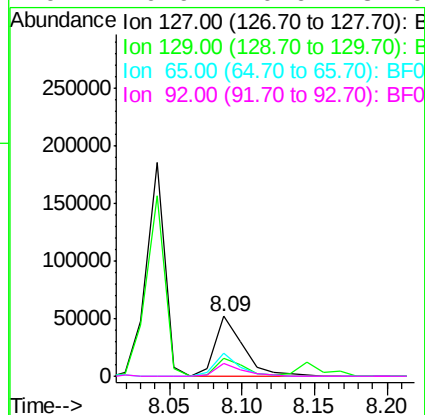
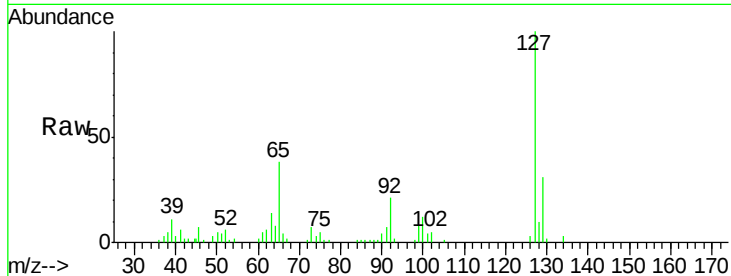
#33
4-Chloroaniline
Concen: 5.08 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.3	39.5
65	38.3	37.8	56.8
92	20.9	20.6	31.0

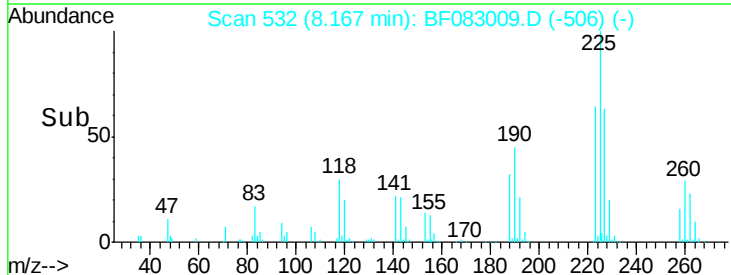
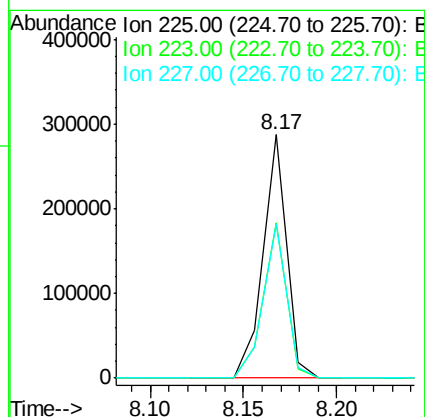
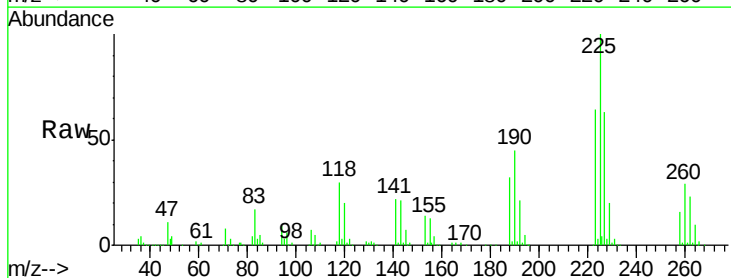
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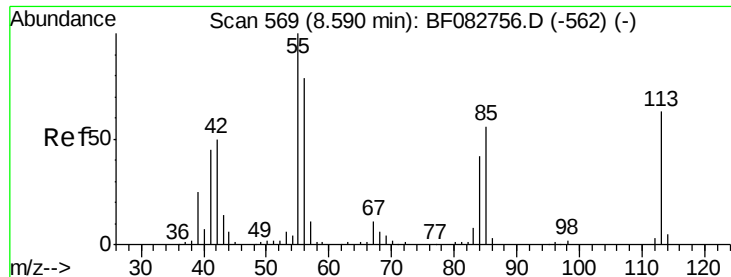
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#34
Hexachlorobutadiene
Concen: 38.05 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	50.5	75.7
227	63.5	50.2	75.2





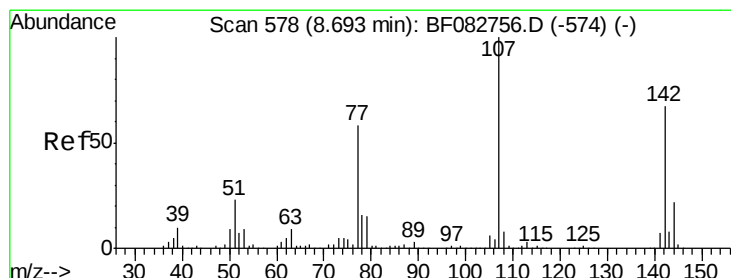
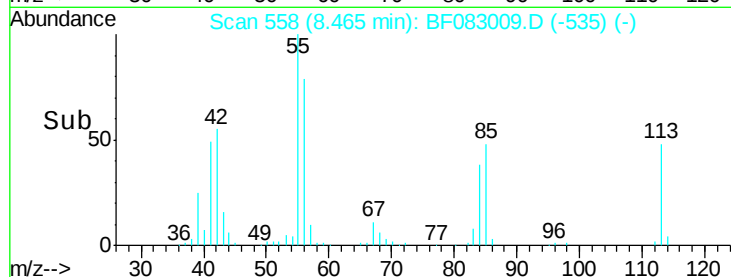
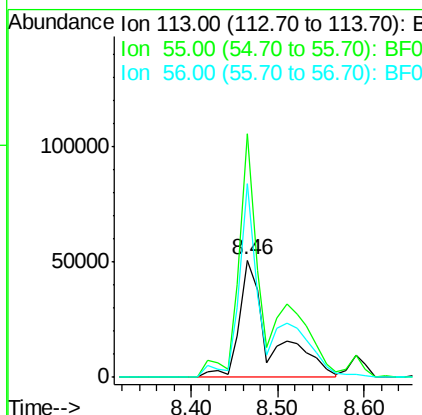
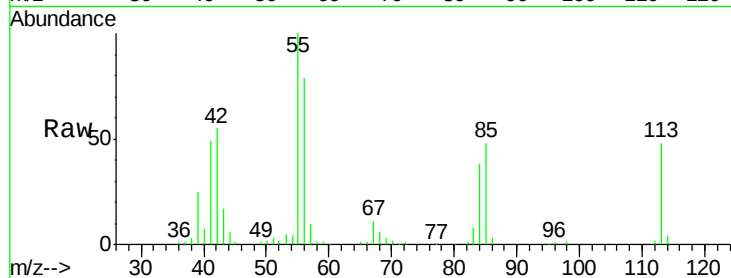
#35
 Caprolactam
 Concen: 43.82 ng m
 RT: 8.46 min Scan# 558
 Delta R.T. -0.03 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
113	100		
55	207.4	195.5	235.5
56	164.7	153.5	193.5

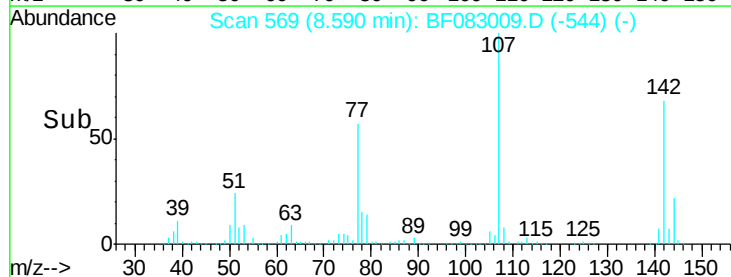
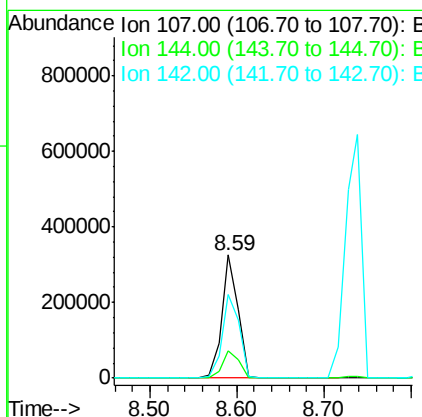
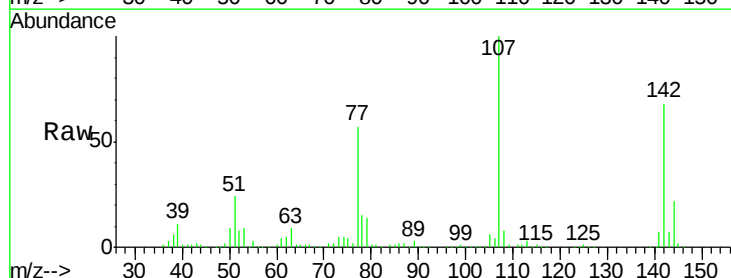
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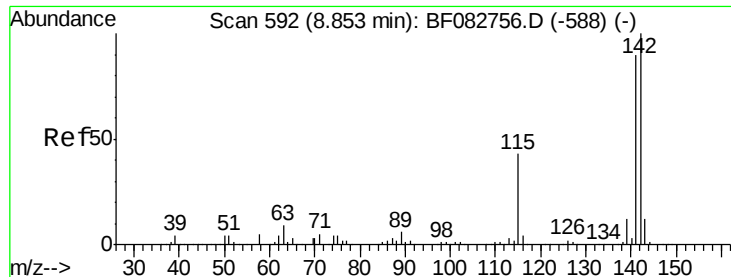
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#36
 4-Chloro-3-methylphenol
 Concen: 38.31 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

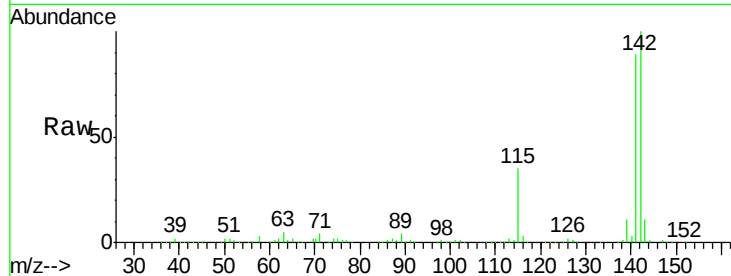
Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.3	15.4	23.0
142	67.7	47.8	71.8





#37
 2-Methylnaphthalene
 Concen: 40.26 ng m
 RT: 8.74 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

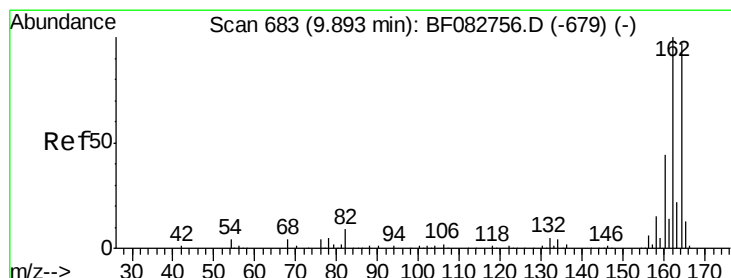
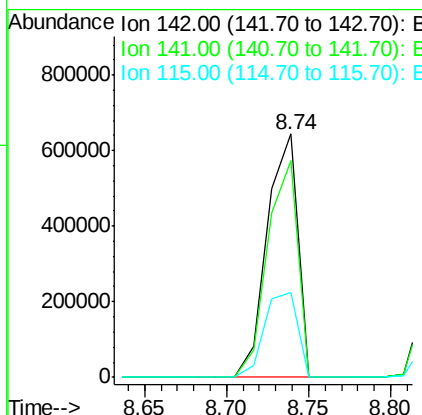
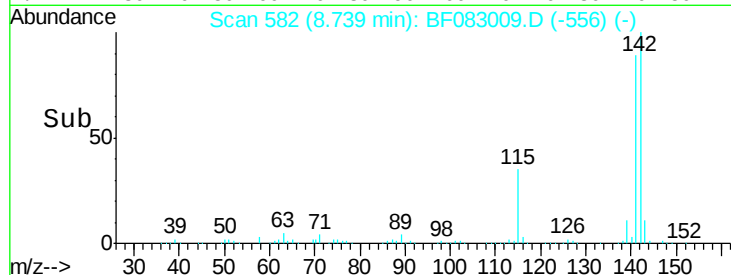
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD



Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	72.3	108.5
115	34.8	38.1	57.1#

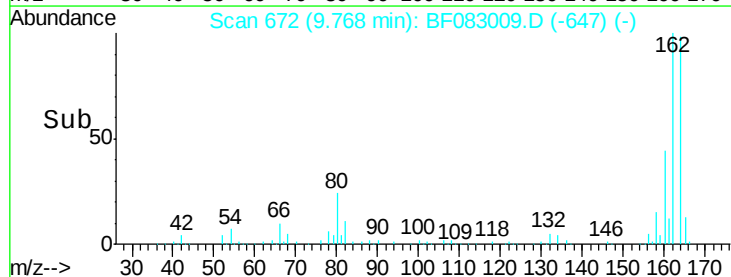
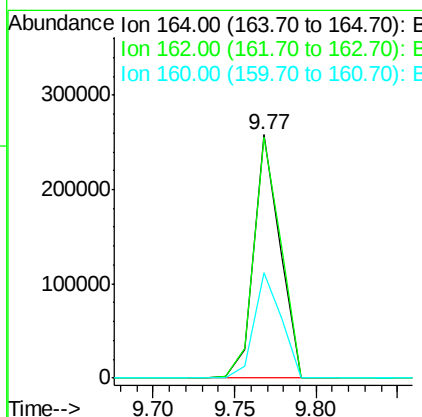
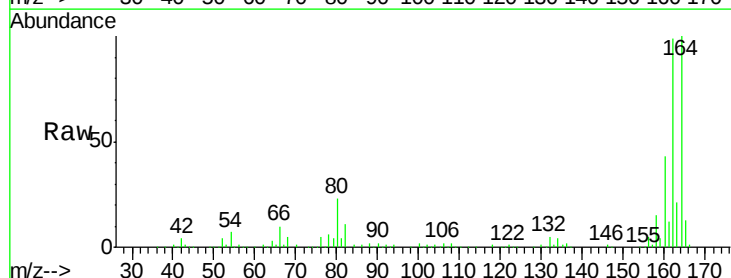
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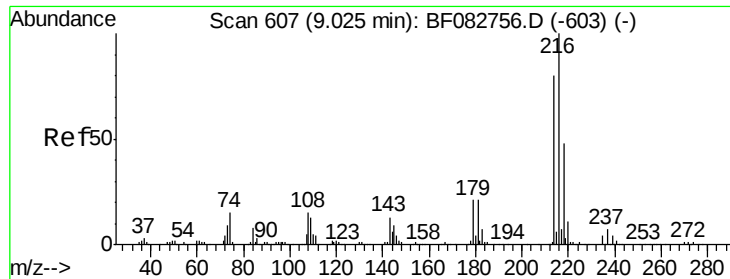
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.2	84.9	127.3
160	43.1	37.5	56.3





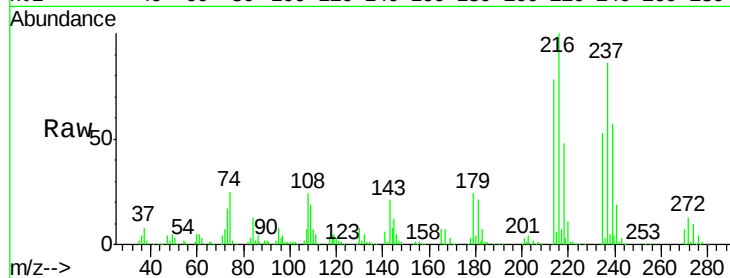
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.61 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

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Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	62.2	93.2
179	21.9	18.1	27.1
108	22.7	16.6	25.0



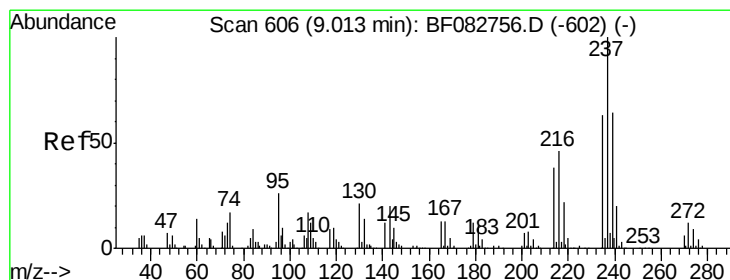
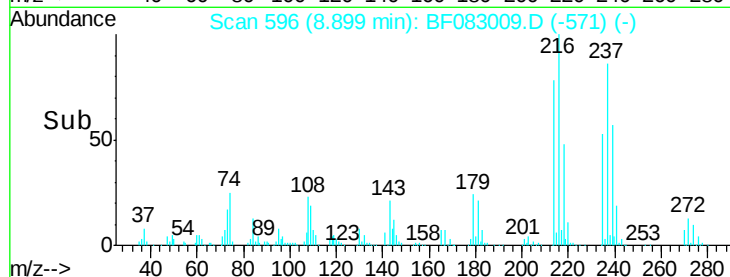
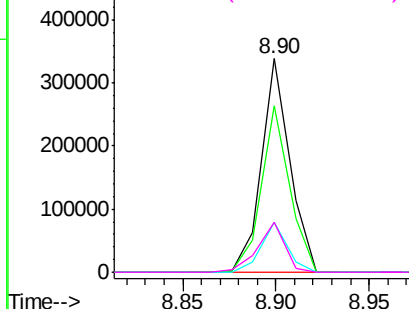
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

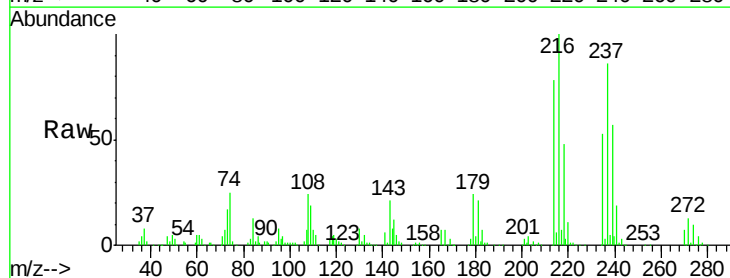
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 81.34 ng
 RT: 8.90 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.4	44.3	84.3
272	14.5	0.0	31.9

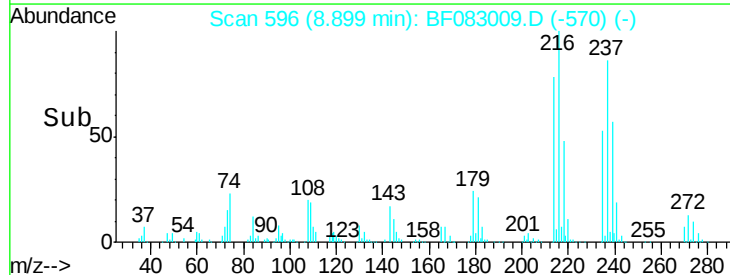
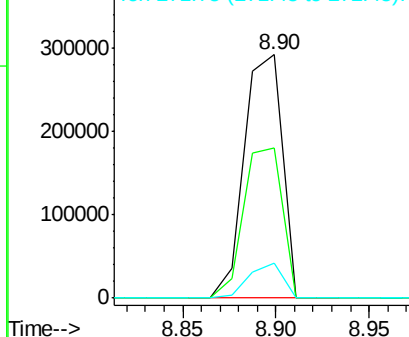


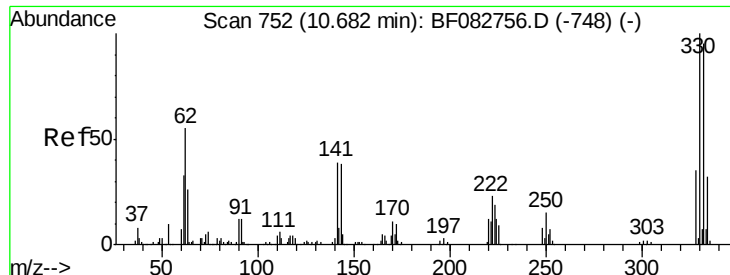
Abundance

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





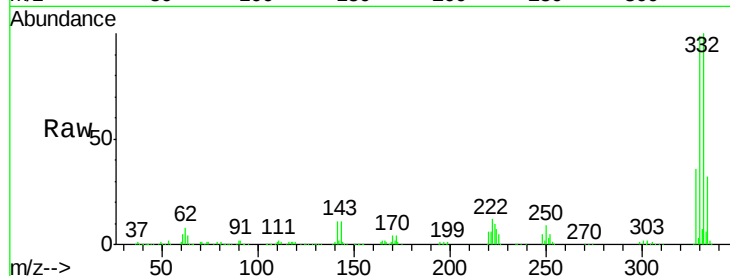
#41
 2,4,6-Tribromophenol
 Concen: 124.89 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

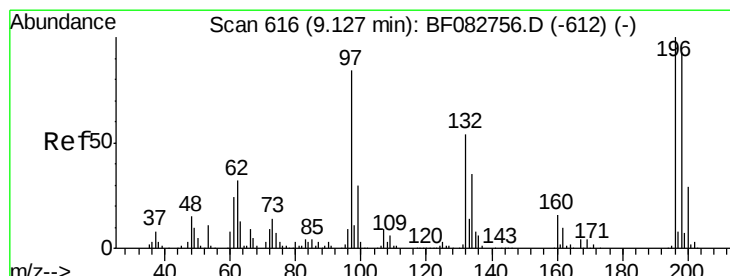
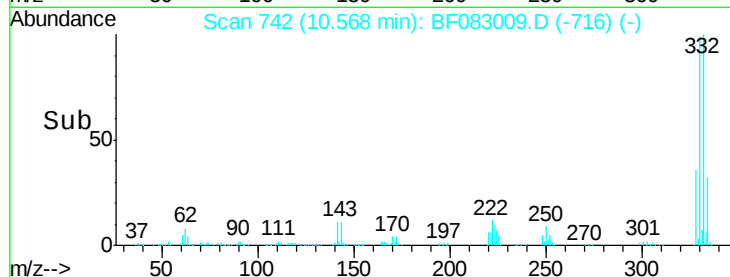
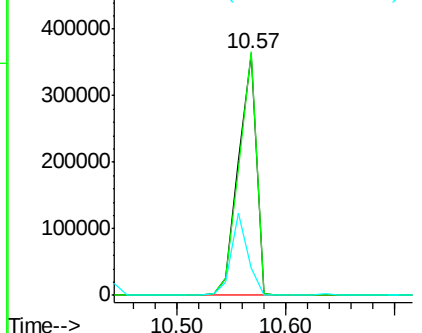
Tgt Ion	Ratio	Resp	Lower	Upper
330	100	411237		
332	98.4	76.6	114.8	
141	31.6	41.2	61.8#	

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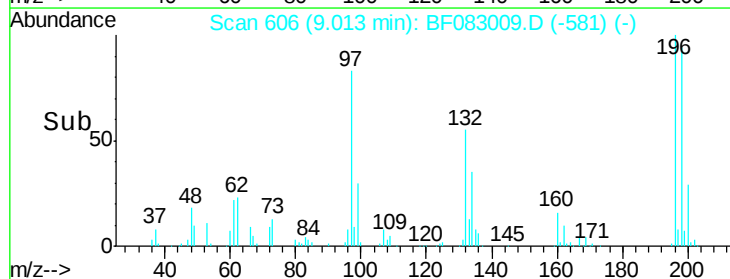
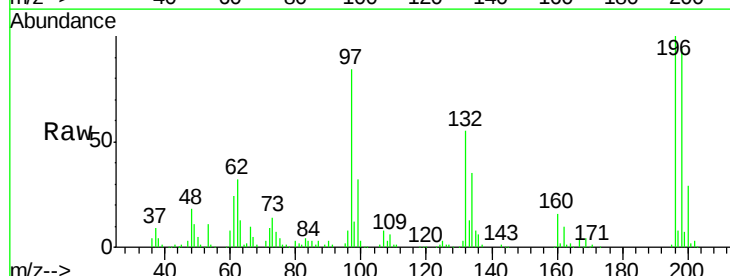
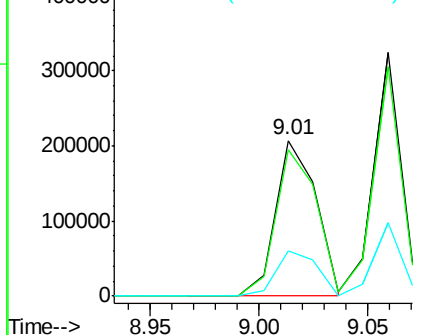
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.17 ng
 RT: 9.01 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	268876		
198	94.4	76.3	114.5	
200	28.8	23.9	35.9	

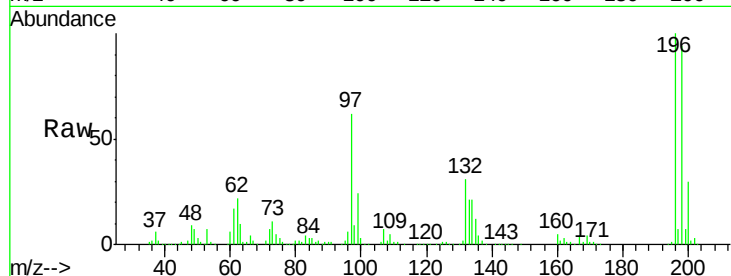
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 41.88 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

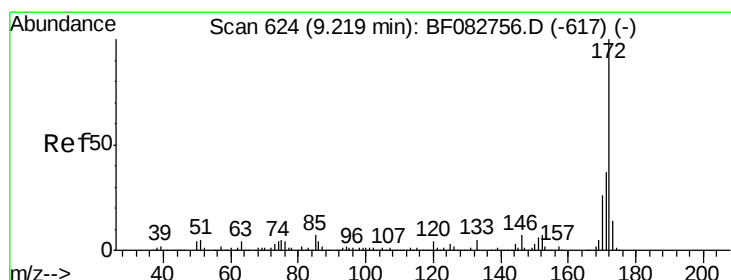
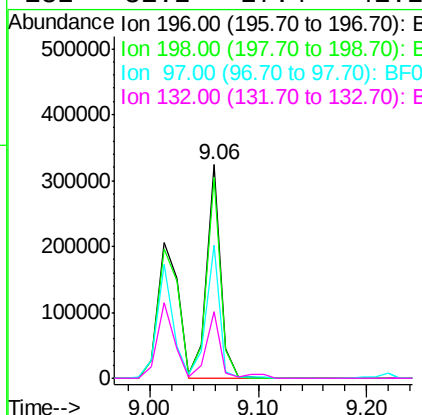
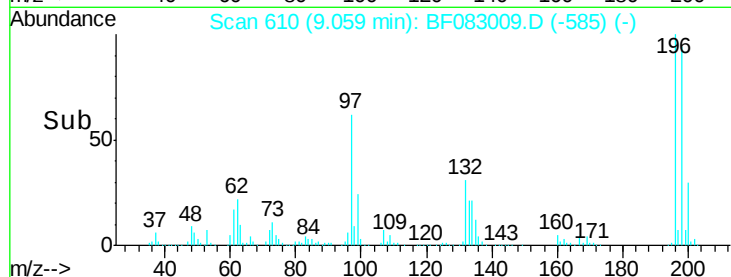
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD



Tgt Ion	Ratio	Resp	Lower	Upper
196	100	291762		
198	94.1	75.8	113.8	
97	62.1	62.3	93.5	
132	31.2	27.4	41.2	

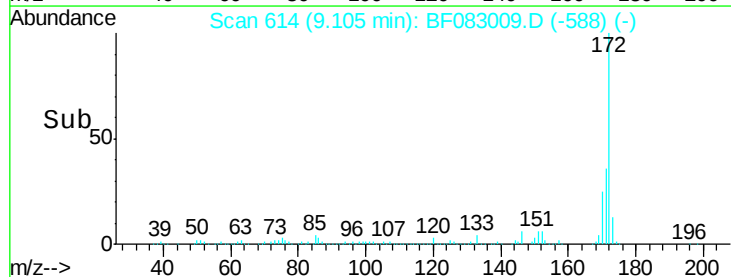
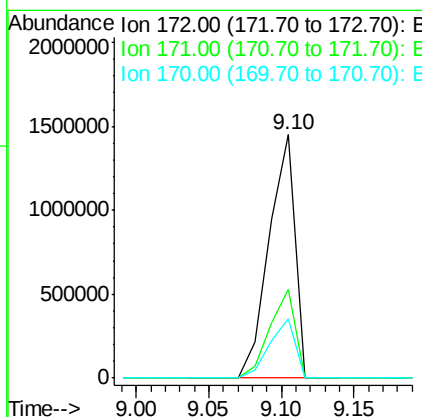
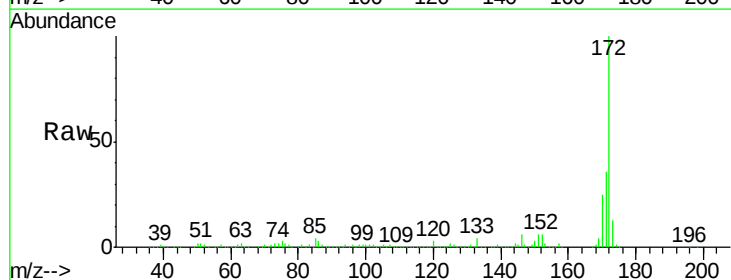
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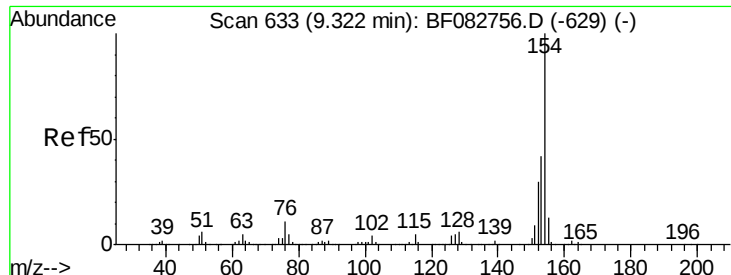
Mmdadoda
 11/19/2015 6:44:37 PM



#44
 2-Fluorobiphenyl
 Concen: 89.82 ng
 RT: 9.10 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1799781		
171	36.3	30.8	46.2	
170	24.5	21.2	31.8	





#45

1,1'-Biphenyl

Concen: 38.41 ng

RT: 9.20 min Scan# 622

Delta R.T. -0.01 min

Lab File: BF083009.D

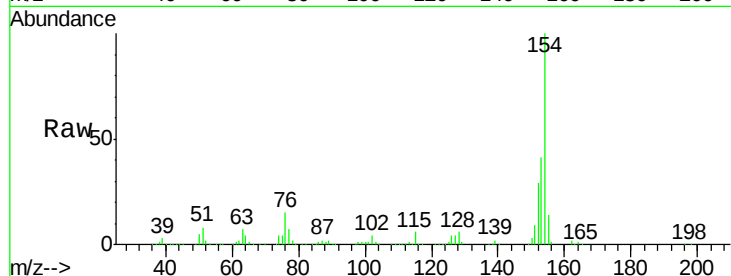
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

PB86622BSD



Tgt Ion:154 Resp: 946622

Ion Ratio Lower Upper

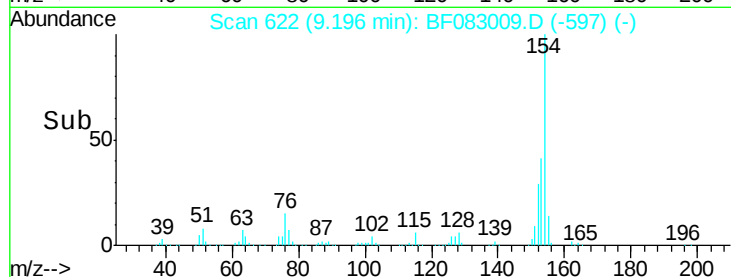
154 100

153 40.6 22.0 62.0

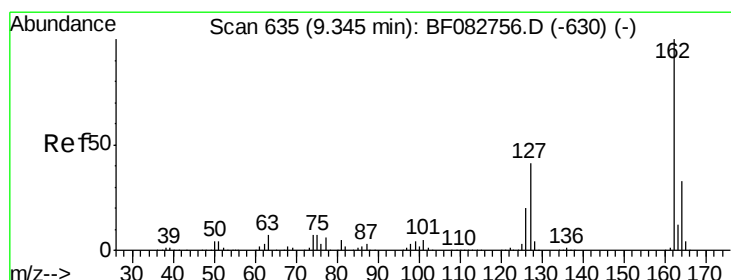
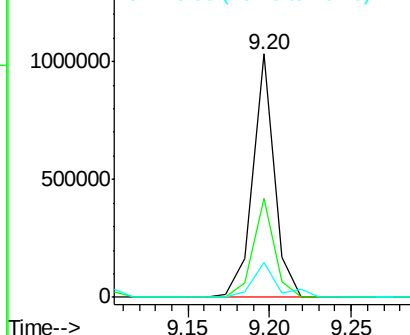
76 14.6 0.0 29.0

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



#46

2-Chloronaphthalene

Concen: 40.62 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

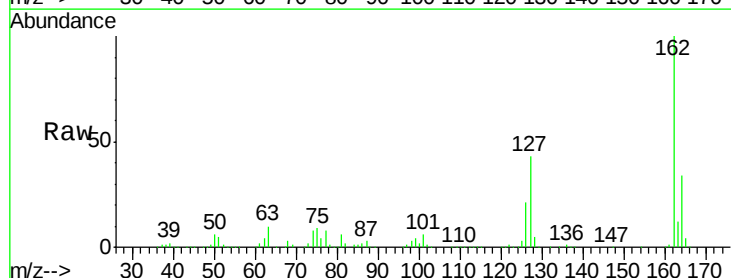
Tgt Ion:162 Resp: 780730

Ion Ratio Lower Upper

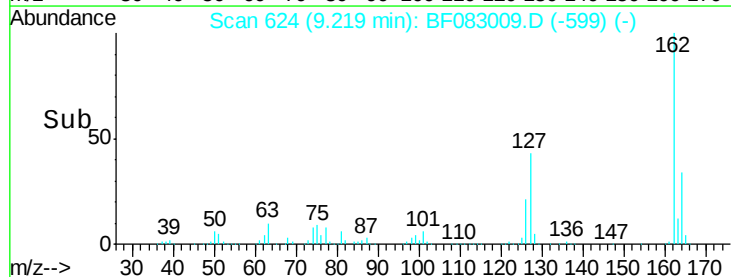
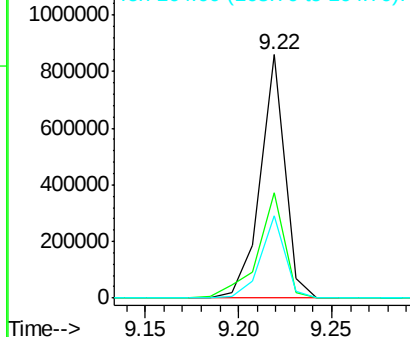
162 100

127 43.1 32.7 49.1

164 33.7 27.4 41.0



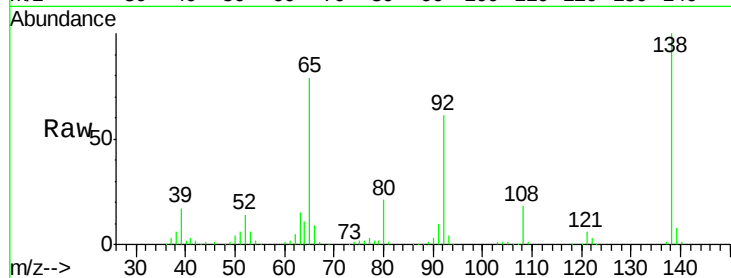
Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





#47
 2-Nitroaniline
 Concen: 41.25 ng
 RT: 9.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

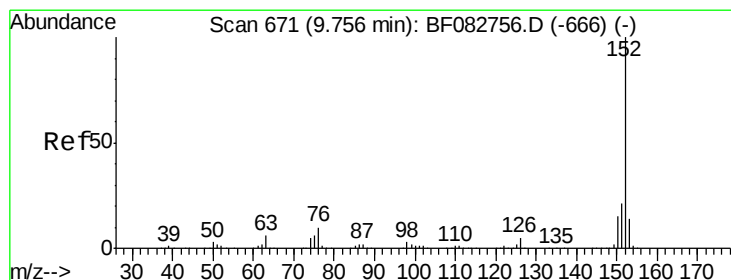
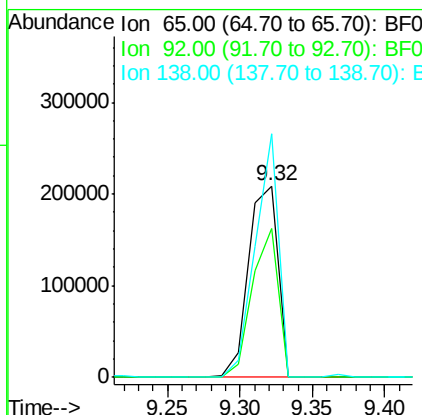
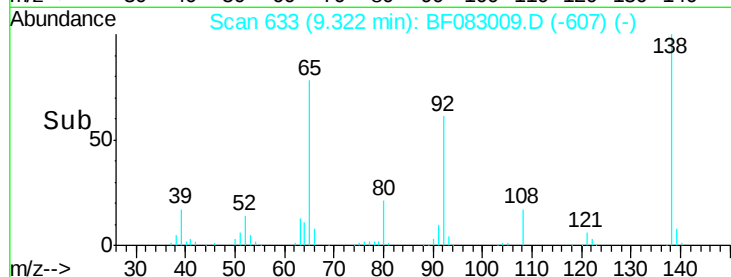
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD



Tgt Ion	Ratio	Lower	Upper
65	100		
92	77.8	46.6	70.0#
138	127.0	54.6	81.8#

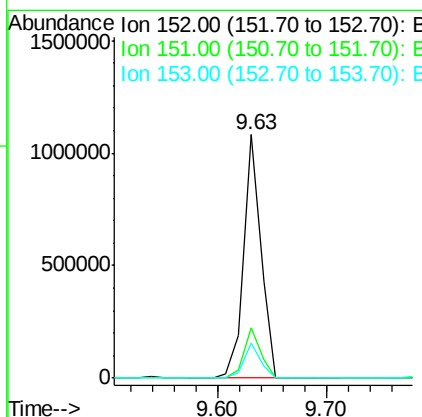
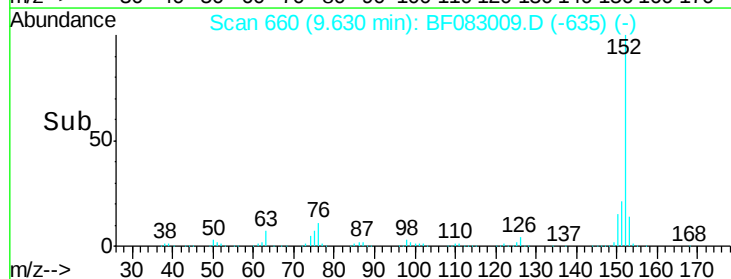
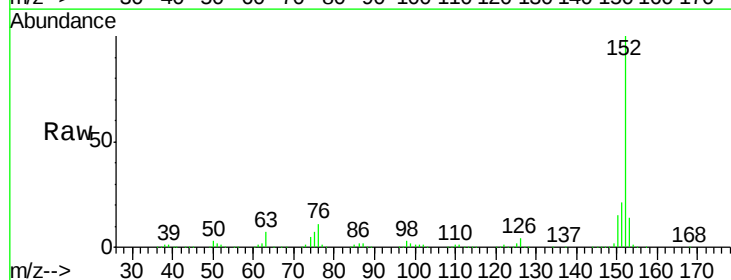
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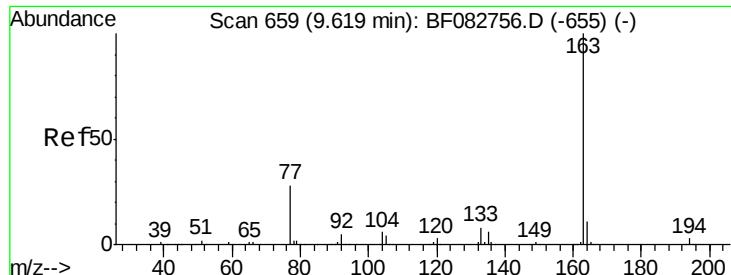
Mmdadoda
 11/19/2015 6:44:37 PM



#48
 Acenaphthylene
 Concen: 39.10 ng
 RT: 9.63 min Scan# 660
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.3	25.9
153	14.2	11.3	16.9





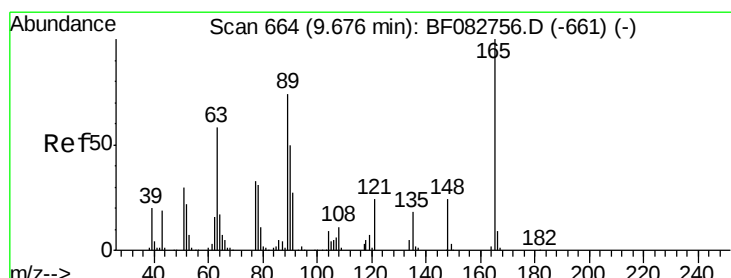
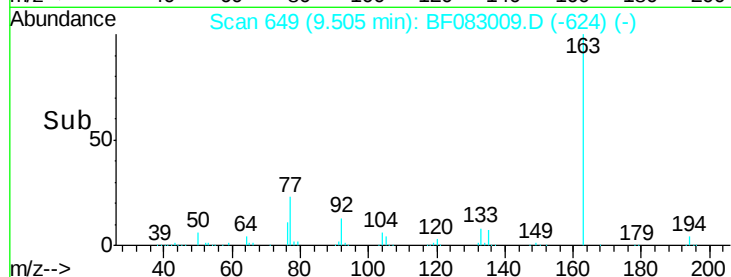
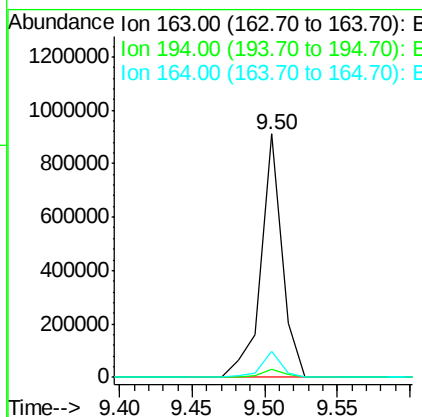
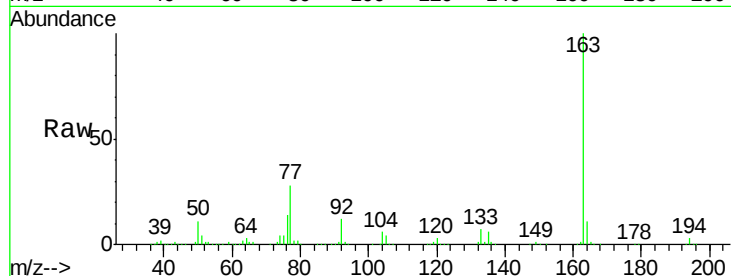
#49
Dimethylphthalate
Concen: 39.09 ng
RT: 9.50 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	919668		
194	3.4	2.6	4.0	
164	10.9	8.7	13.1	

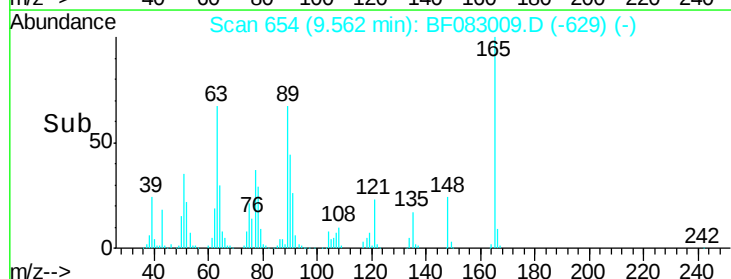
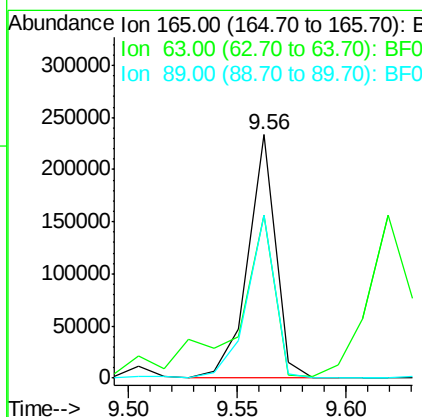
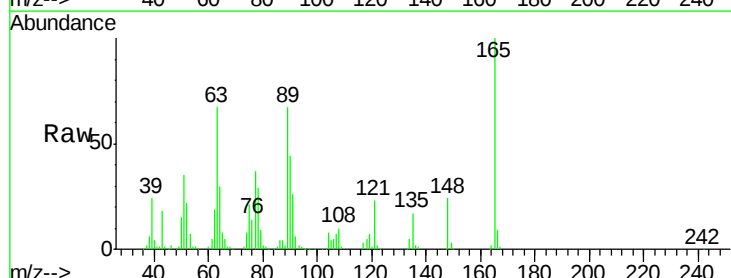
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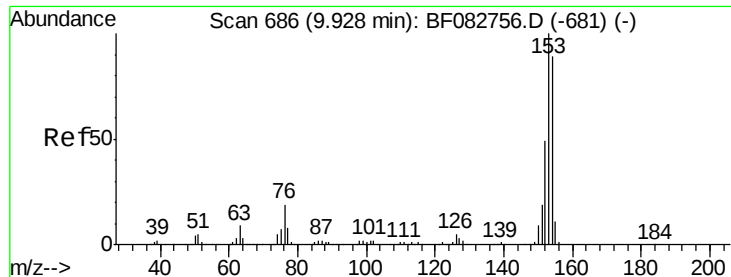
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#50
2,6-Dinitrotoluene
Concen: 41.29 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	207312		
63	66.9	55.5	83.3	
89	67.0	55.0	82.6	





#51

Acenaphthene

Concen: 44.34 ng

RT: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

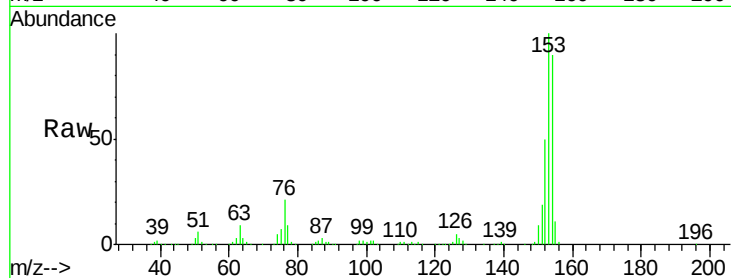
ClientSampleId :

PB86622BSD

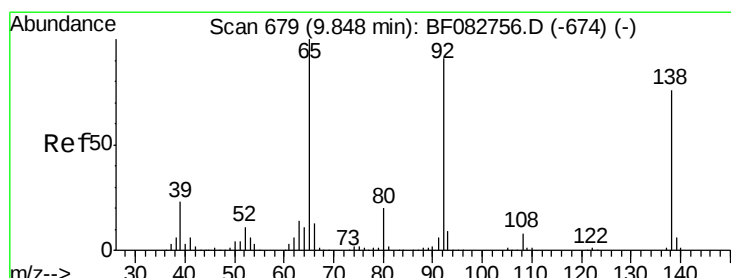
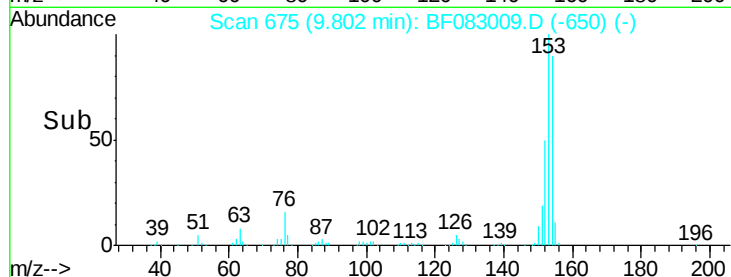
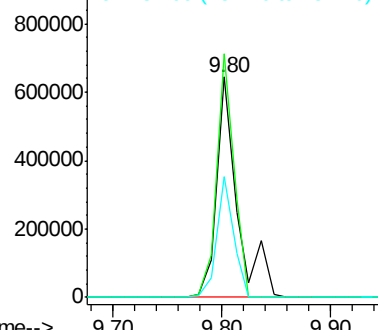
Tgt Ion:	154	Resp:	846656
Ion Ratio	Lower	Upper	
154	100		
153	110.6	90.1	135.1
152	54.9	44.3	66.5

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 7.05 ng

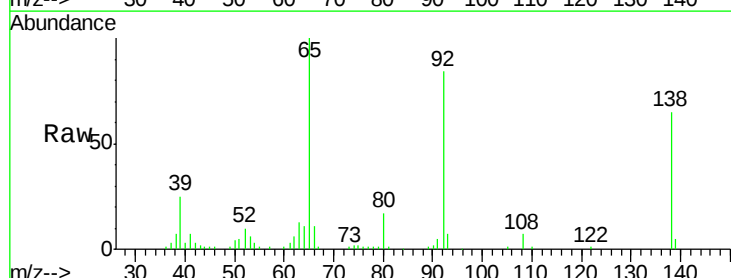
RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

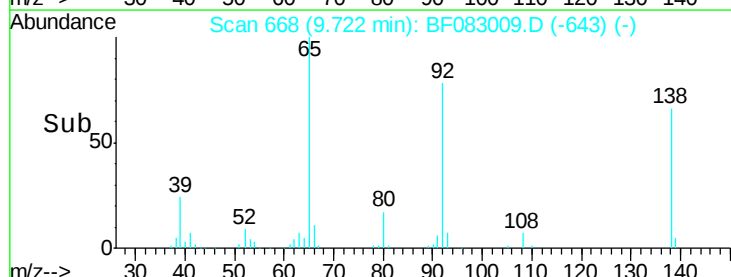
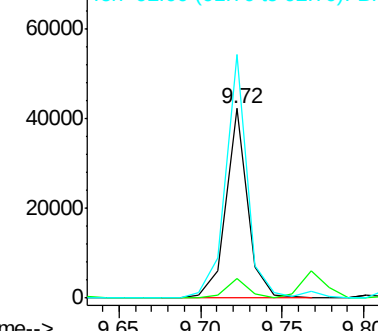
Lab File: BF083009.D

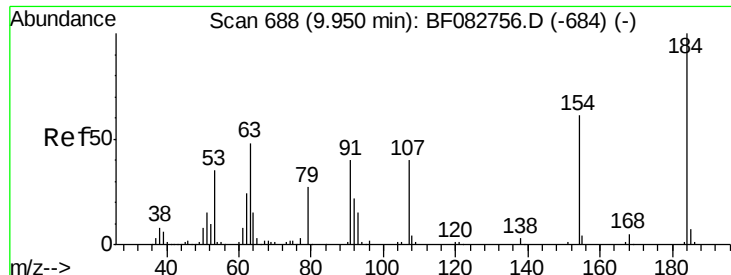
Acq: 18 Nov 2015 14:38

Tgt Ion:	138	Resp:	38916
Ion Ratio	Lower	Upper	
138	100		
108	10.5	11.3	16.9#
92	128.5	122.4	183.6



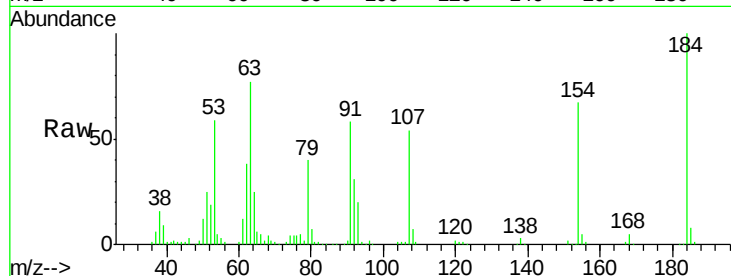
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





#53
 2,4-Dinitrophenol
 Concen: 83.26 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

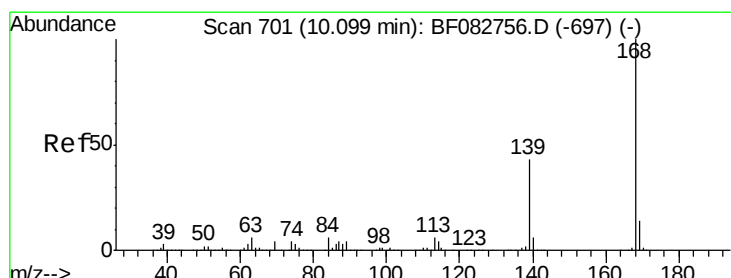
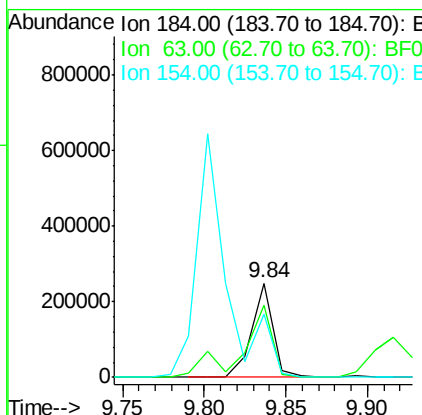
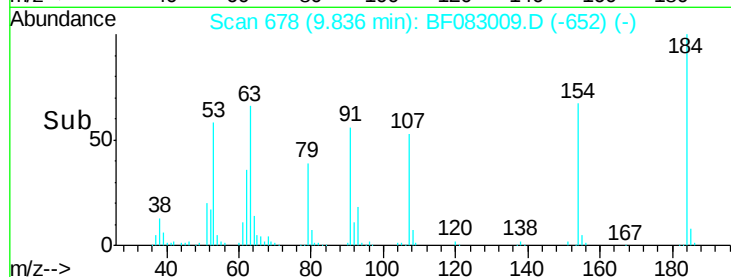
Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD



Tgt Ion:184 Resp: 229510
 Ion Ratio Lower Upper
 184 100
 63 77.4 98.6 148.0#
 154 66.6 183.9 275.9#

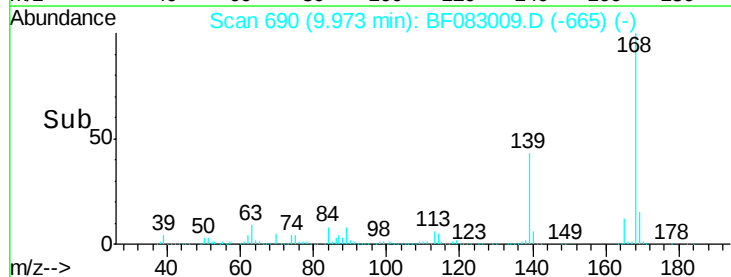
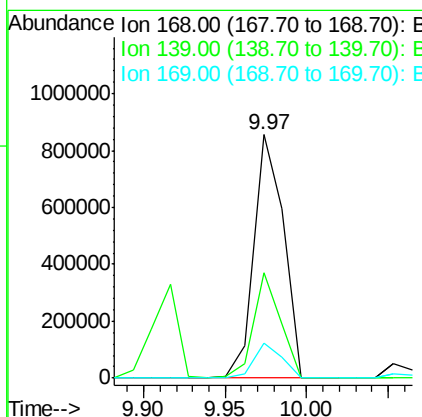
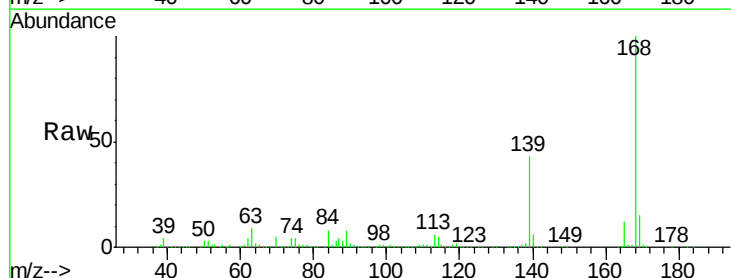
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#54
 Dibenzofuran
 Concen: 41.89 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion:168 Resp: 1078263
 Ion Ratio Lower Upper
 168 100
 139 43.3 37.8 56.6
 169 14.5 11.3 16.9





#55

4-Nitrophenol

Concen: 87.91 ng

RT: 9.92 min Scan# 685

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

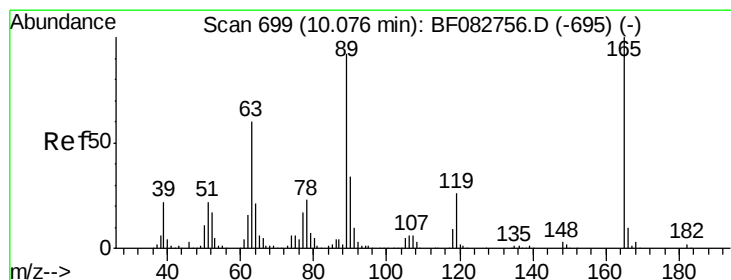
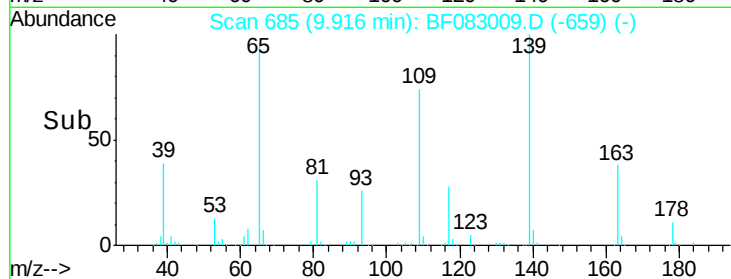
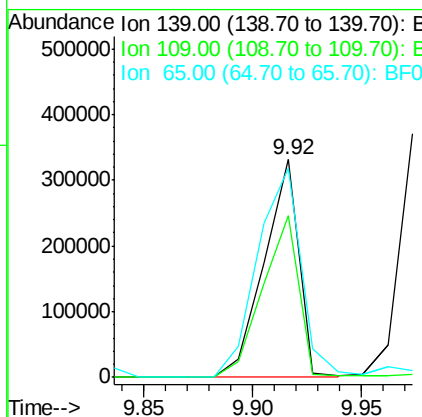
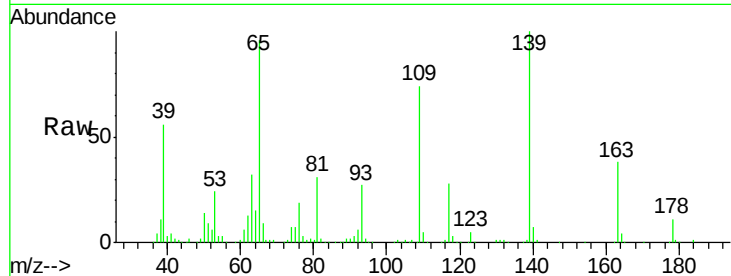
ClientSampleId :

PB86622BSD

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Tgt Ion	Ratio	Resp	Lower	Upper
139	100	372368		
109	74.0	73.7	113.7	
65	96.0	82.9	122.9	



#56

2,4-Dinitrotoluene

Concen: 38.57 ng

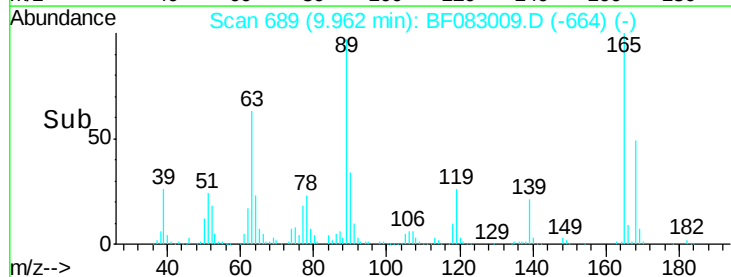
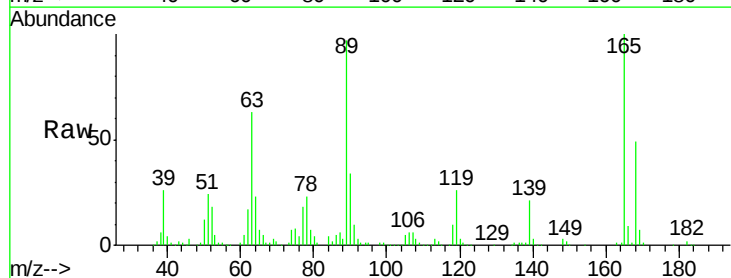
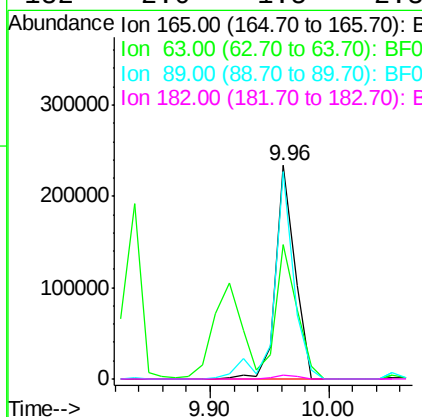
RT: 9.96 min Scan# 689

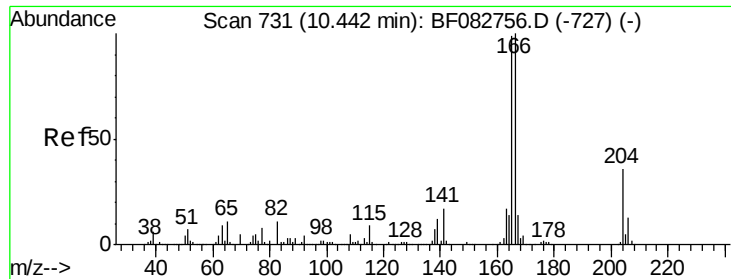
Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	262697		
63	63.0	43.4	65.0	
89	97.1	70.6	106.0	
182	2.0	1.5	2.3	





#57

Fluorene

Concen: 38.21 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF083009.D

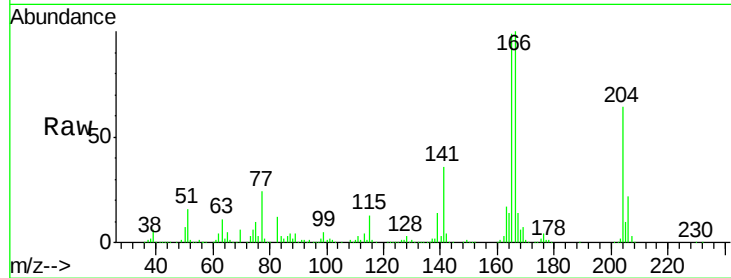
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

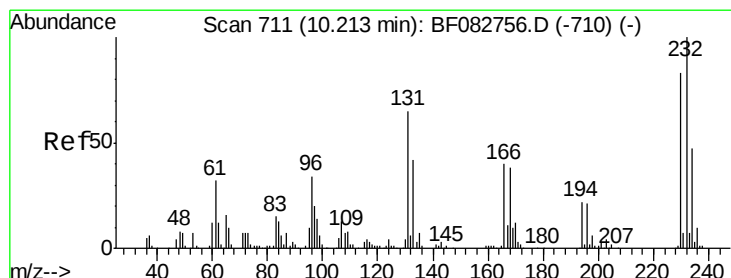
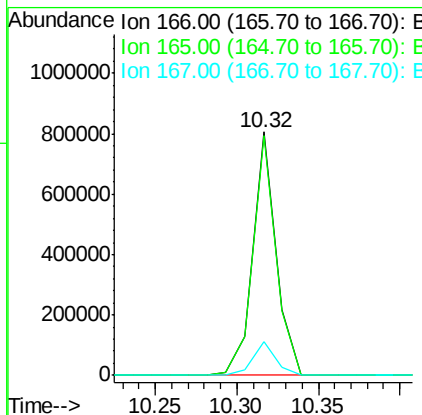
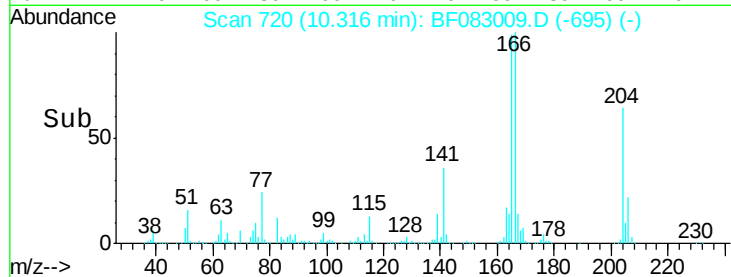
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	796474		
165	98.7	80.2	120.4	
167	13.8	11.2	16.8	

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#58

2,3,4,6-Tetrachlorophenol

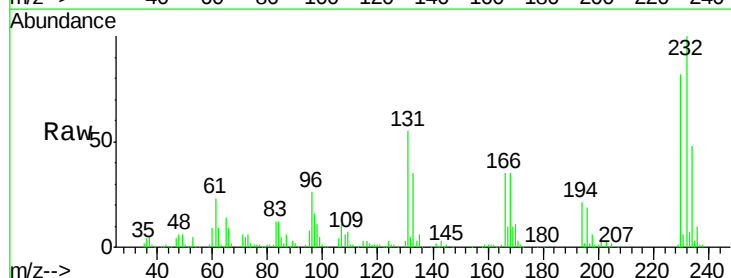
Concen: 41.15 ng

RT: 10.10 min Scan# 701

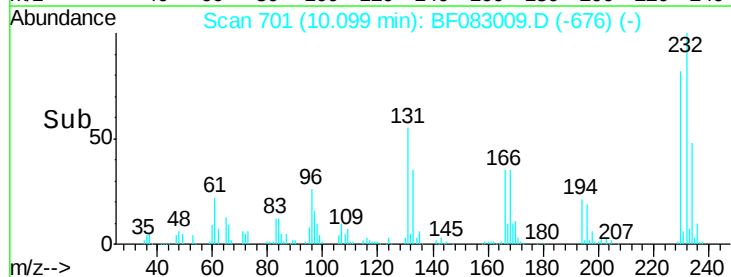
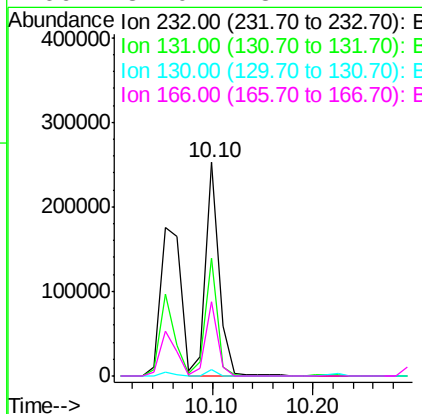
Delta R.T. -0.01 min

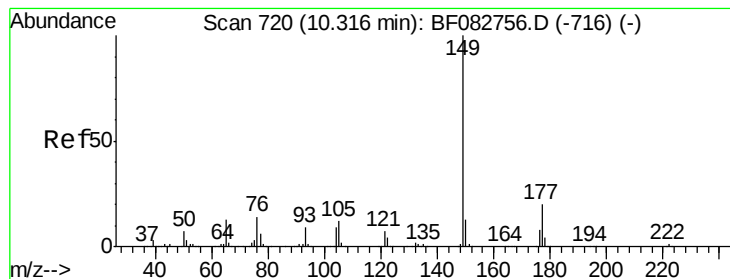
Lab File: BF083009.D

Acq: 18 Nov 2015 14:38



Tgt Ion	Ratio	Resp	Lower	Upper
232	100	234000		
131	49.7	46.2	69.2	
130	2.4	2.4	3.6	
166	32.0	28.2	42.2	





#59

Diethylphthalate

Concen: 41.10 ng

RT: 10.20 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF083009.D

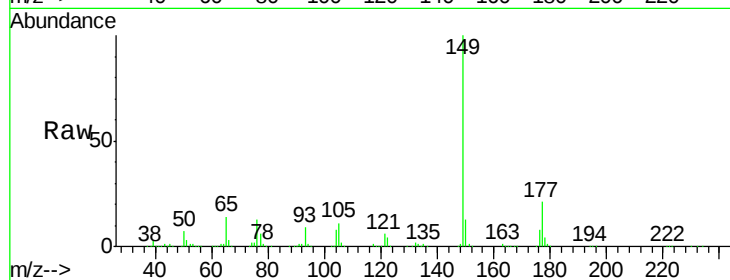
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

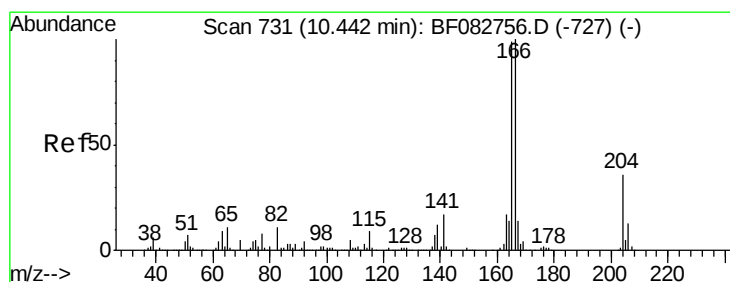
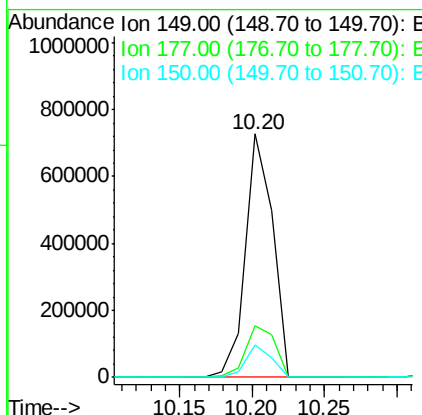
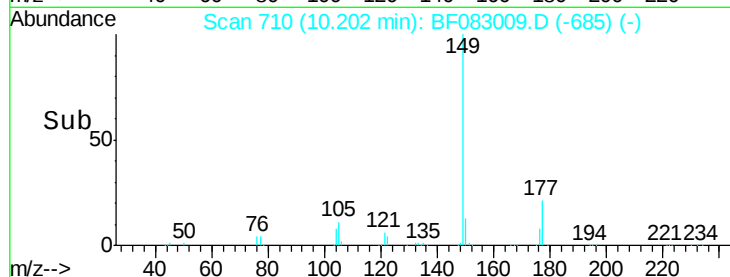
PB86622BSD



Tgt Ion:	149	Resp:	944291
Ion Ratio	Lower	Upper	
149	100		
177	21.2	17.9	26.9
150	13.1	10.1	15.1

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#60

4-Chlorophenyl-phenylether

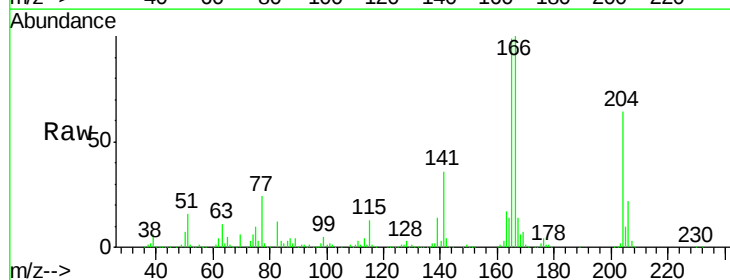
Concen: 43.71 ng

RT: 10.32 min Scan# 720

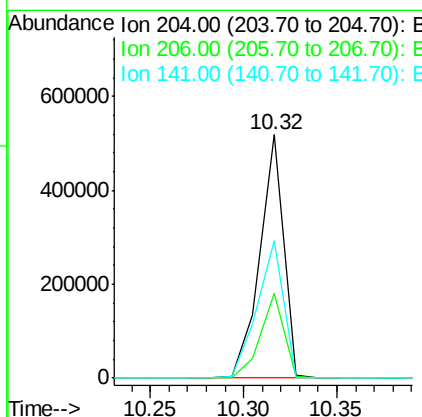
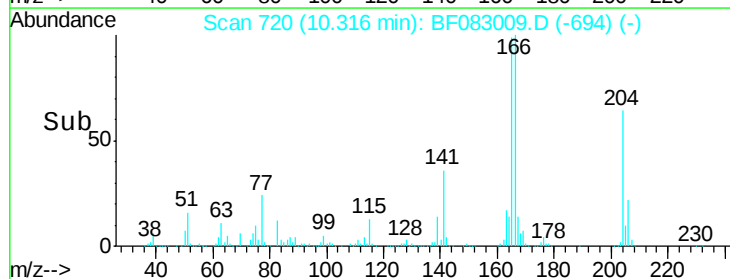
Delta R.T. 0.00 min

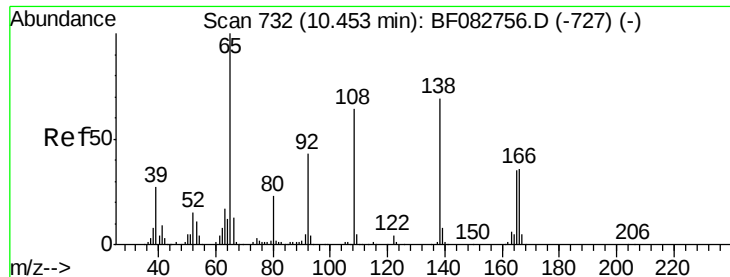
Lab File: BF083009.D

Acq: 18 Nov 2015 14:38



Tgt Ion:	204	Resp:	455903
Ion Ratio	Lower	Upper	
204	100		
206	34.9	28.5	42.7
141	56.4	44.6	66.8





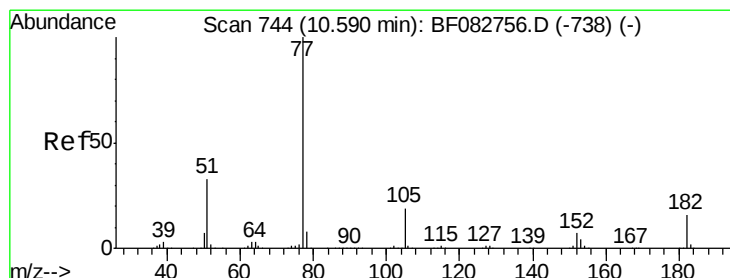
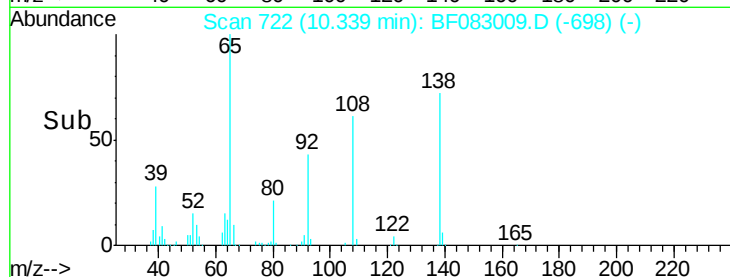
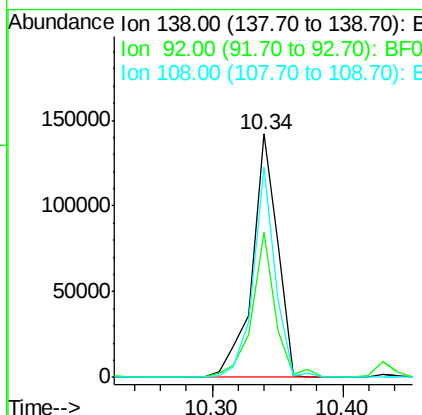
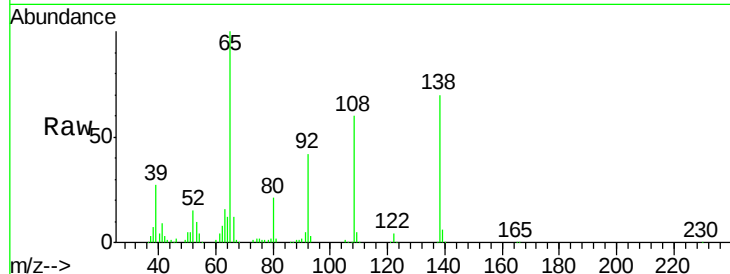
#61
4-Nitroaniline
Concen: 34.51 ng
RT: 10.34 min Scan# 722
Delta R.T. -0.02 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion	Ratio	Lower	Upper
138	100		
92	59.7	45.8	85.8
108	86.3	89.4	129.4

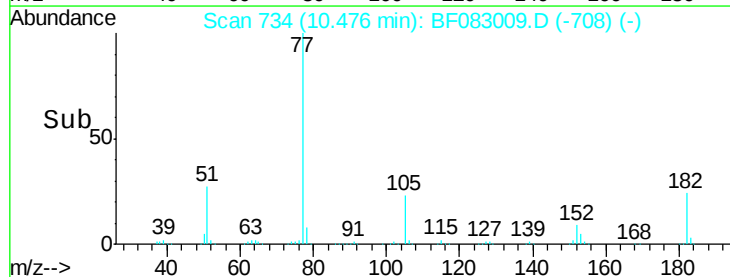
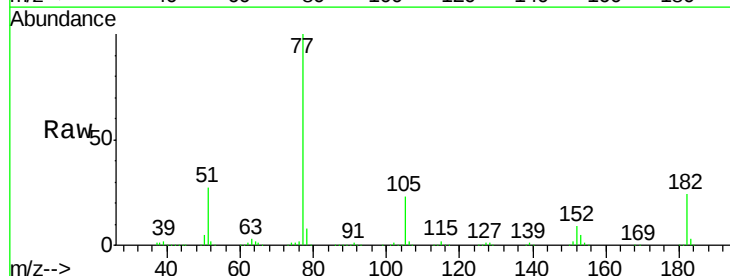
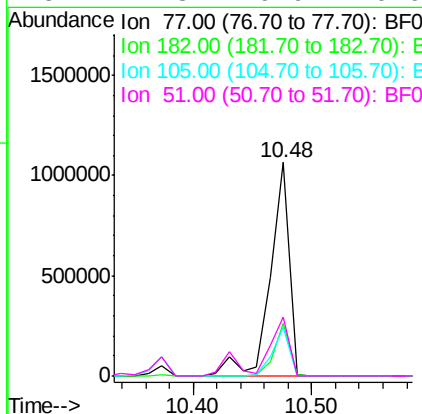
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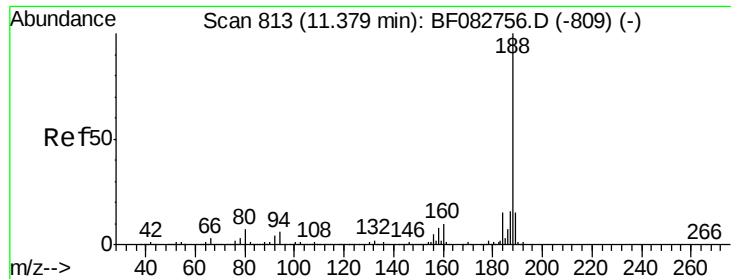
Mmdadoda
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#62
Azobenzene
Concen: 48.62 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.4	9.3	49.3
105	22.9	2.6	42.6
51	27.3	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. 0.00 min

Lab File: BF083009.D

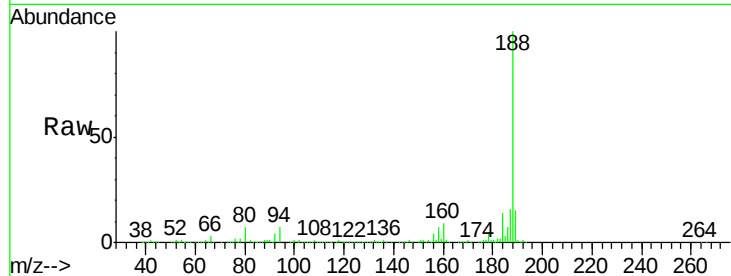
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

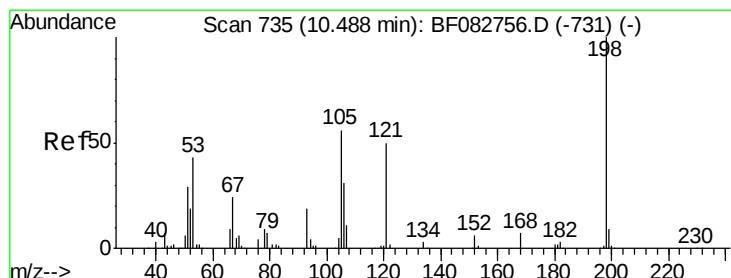
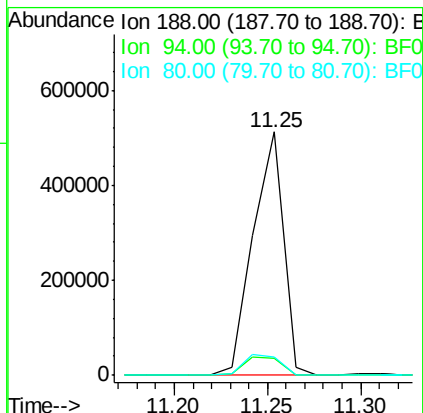
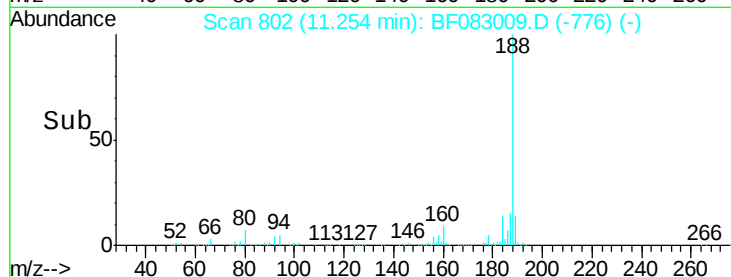
PB86622BSD



Tgt Ion	Ratio	Resp	Lower	Upper
188	100	577366		
94	6.8	6.1	9.1	
80	7.4	7.0	10.6	

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#64

4,6-Dinitro-2-methylphenol

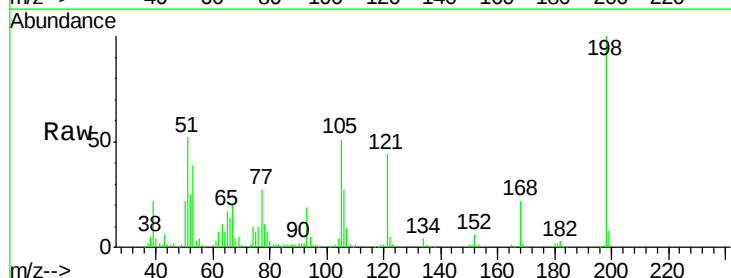
Concen: 39.63 ng

RT: 10.37 min Scan# 725

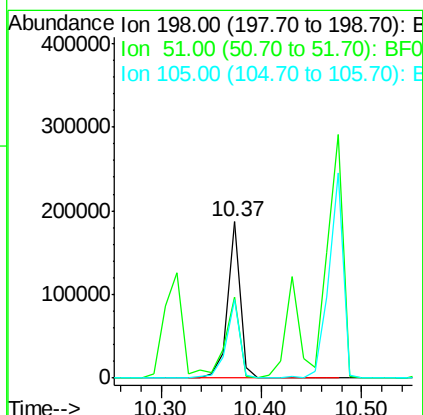
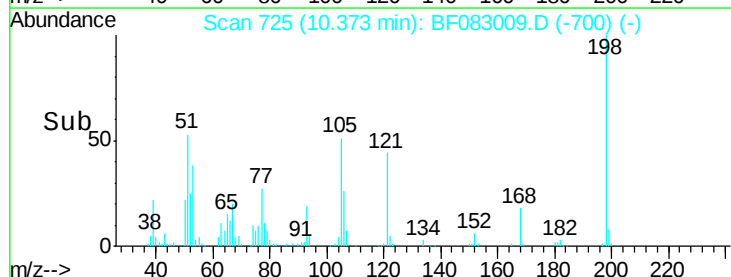
Delta R.T. -0.01 min

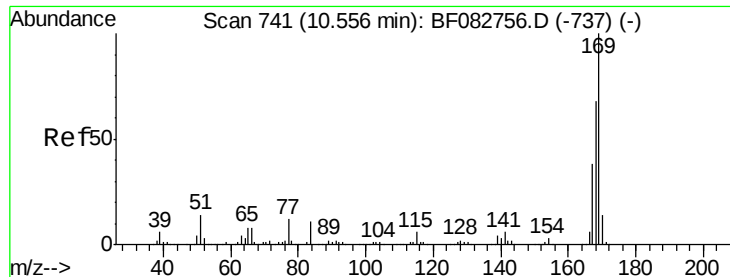
Lab File: BF083009.D

Acq: 18 Nov 2015 14:38



Tgt Ion	Ratio	Resp	Lower	Upper
198	100	163016		
51	52.3	17.3	57.3	
105	50.6	21.7	61.7	





#65

n-Nitrosodiphenylamine

Concen: 36.32 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

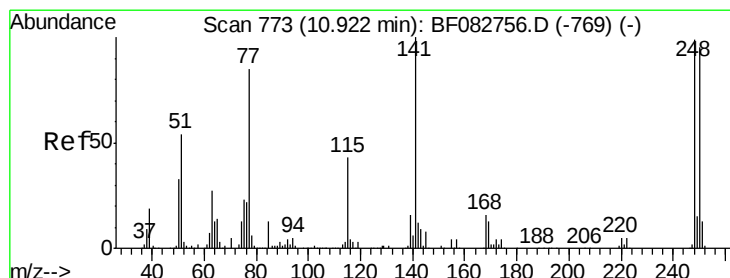
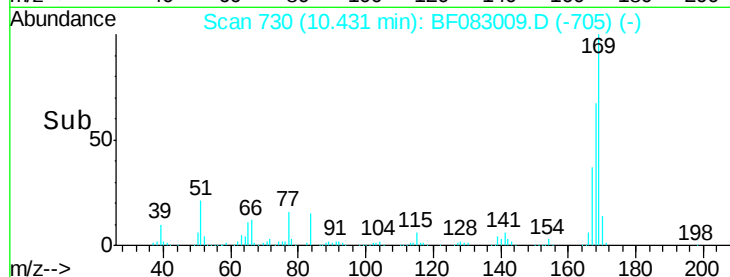
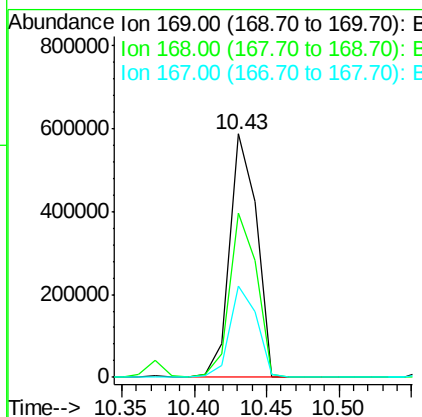
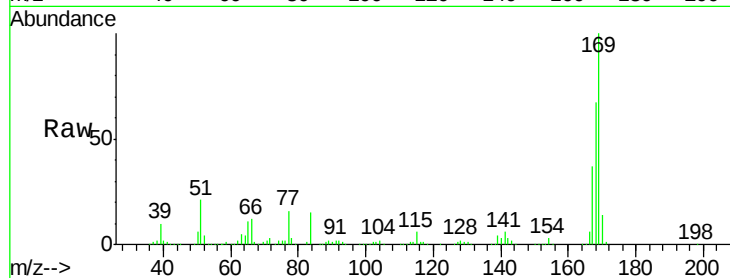
ClientSampleId :

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Tgt Ion:	169	Resp:	757488
Ion Ratio	Lower	Upper	
169	100		
168	67.5	55.0	82.6
167	37.4	30.5	45.7

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#66

4-Bromophenyl-phenylether

Concen: 37.93 ng

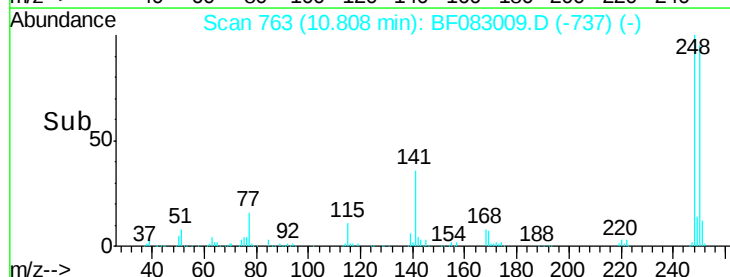
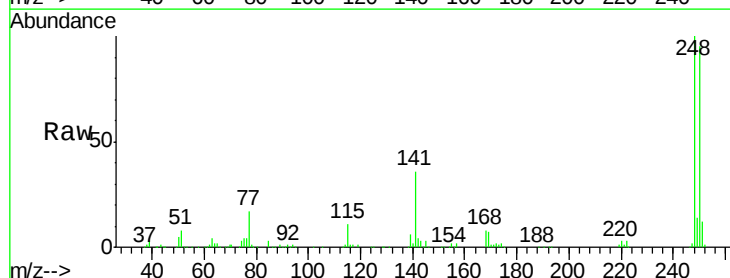
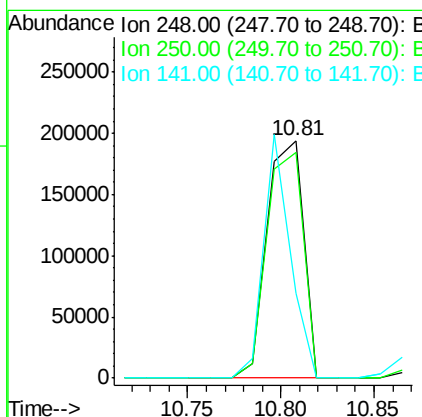
RT: 10.81 min Scan# 763

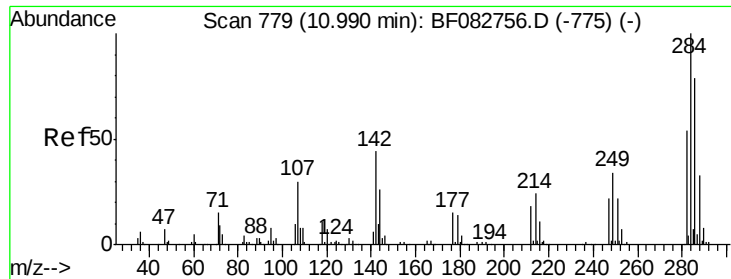
Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion:	248	Resp:	263666
Ion Ratio	Lower	Upper	
248	100		
250	95.1	79.4	119.2
141	36.0	36.3	54.5#





#67

Hexachlorobenzene

Concen: 35.41 ng

RT: 10.86 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF083009.D

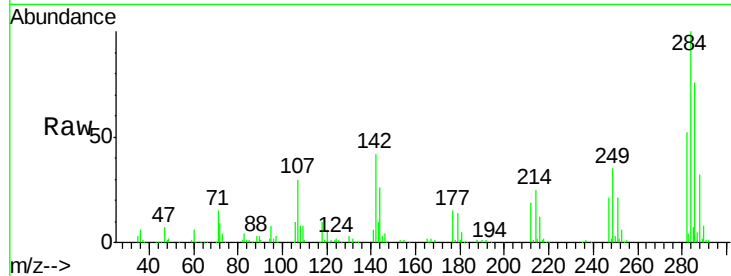
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

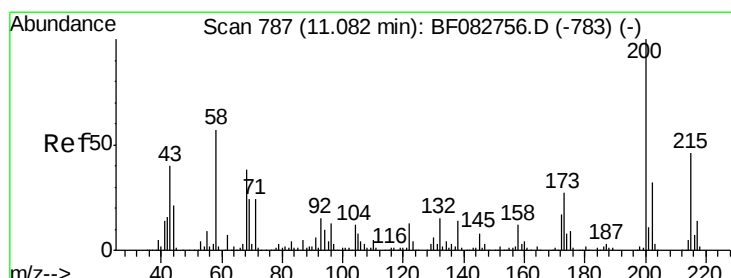
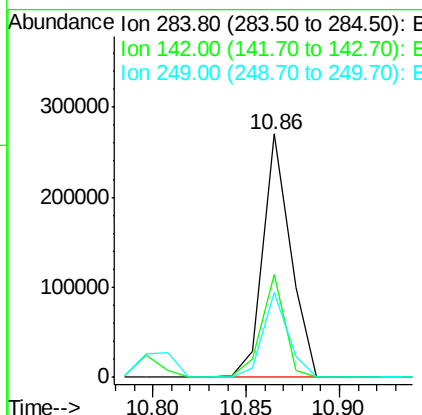
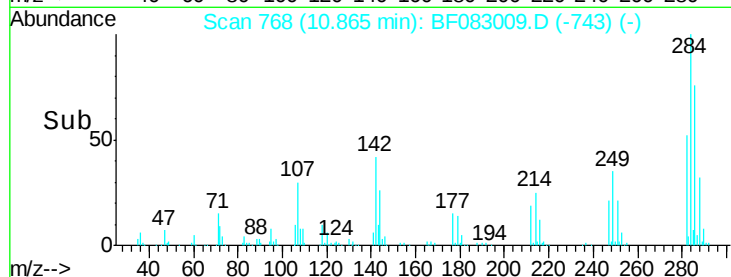
PB86622BSD



Tgt Ion:	284	Resp:	274856
Ion Ratio	Lower	Upper	
284	100		
142	42.0	47.9	71.9#
249	34.7	29.7	44.5

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#68

Atrazine

Concen: 39.98 ng

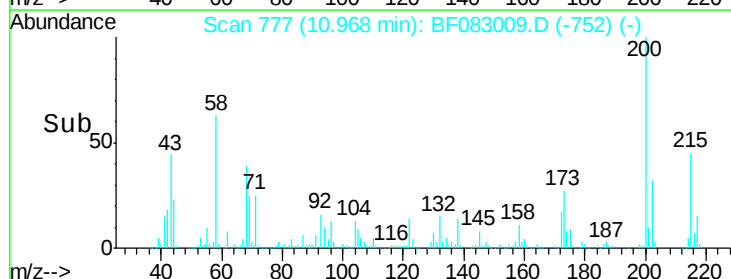
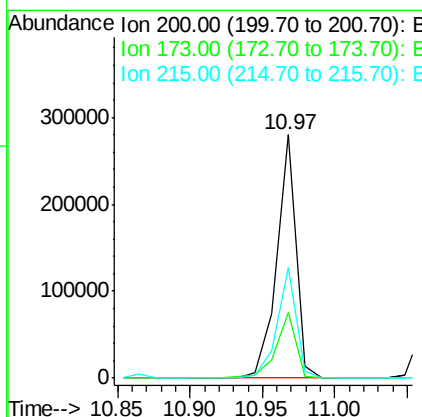
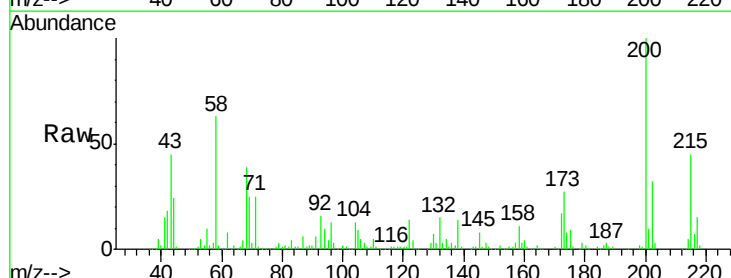
RT: 10.97 min Scan# 777

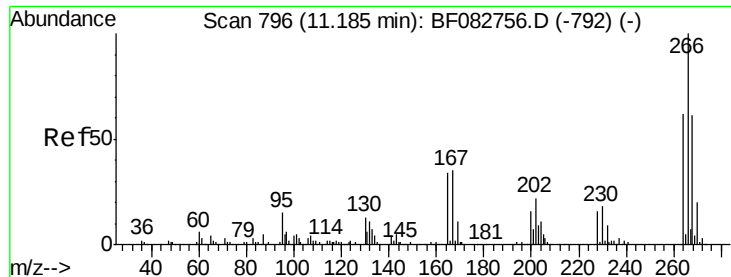
Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion:	200	Resp:	257871
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.9	46.9
215	45.3	22.9	62.9





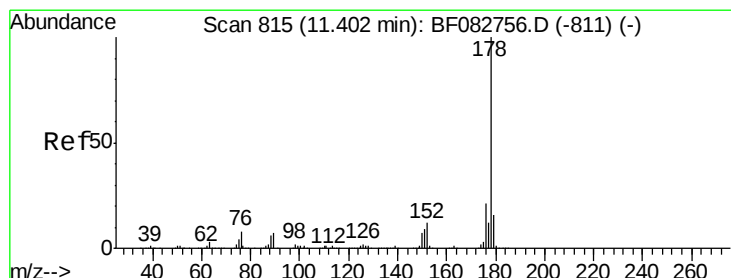
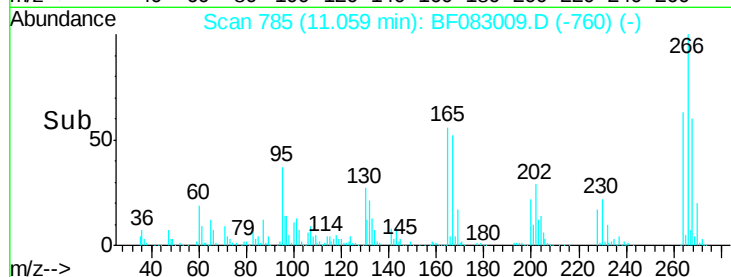
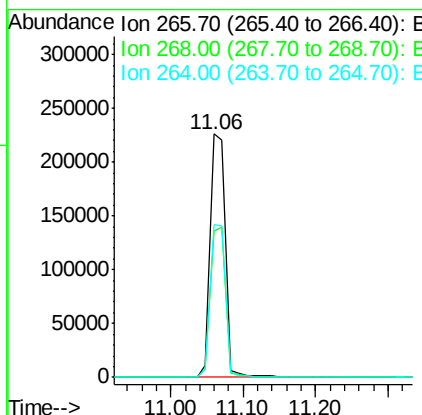
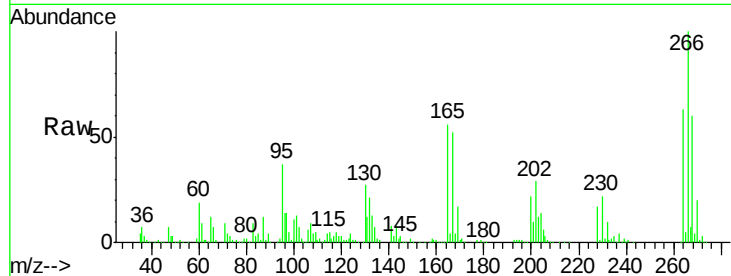
#69
 Pentachlorophenol
 Concen: 69.67 ng
 RT: 11.06 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	328437		
268	60.3	51.0	76.6	
264	62.9	50.6	75.8	

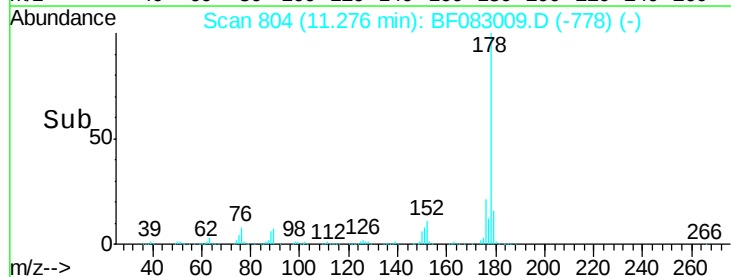
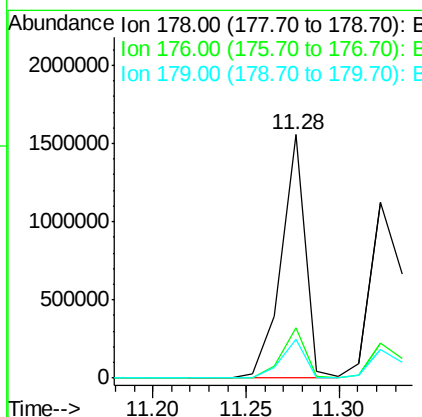
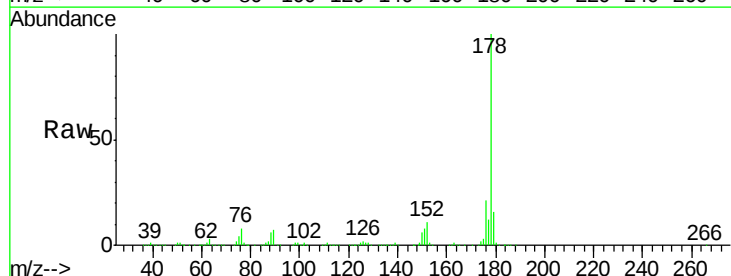
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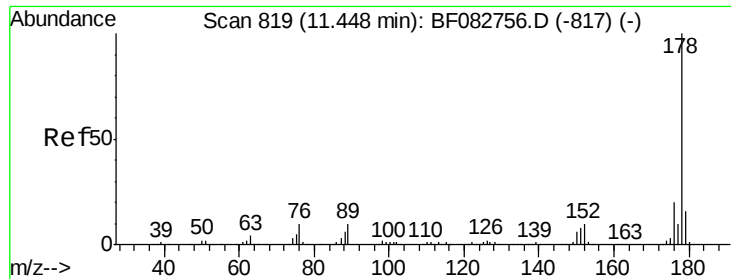
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#70
 Phenanthrene
 Concen: 41.50 ng
 RT: 11.28 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1391562		
176	20.7	17.0	25.4	
179	16.2	13.4	20.0	





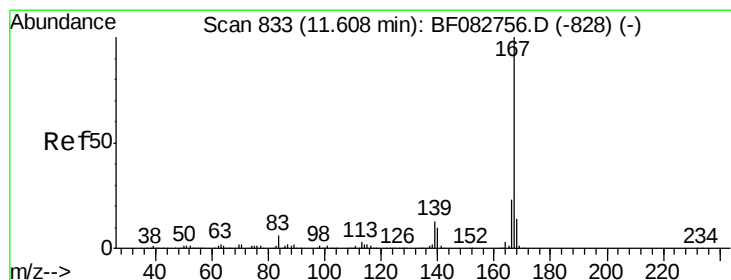
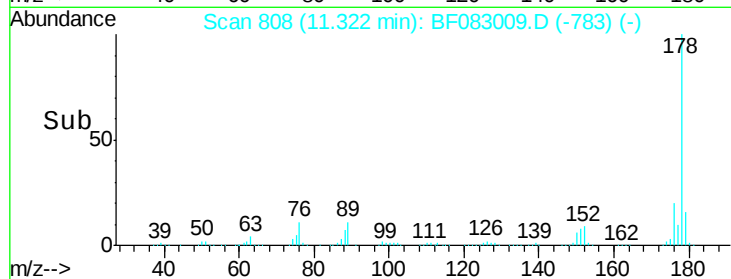
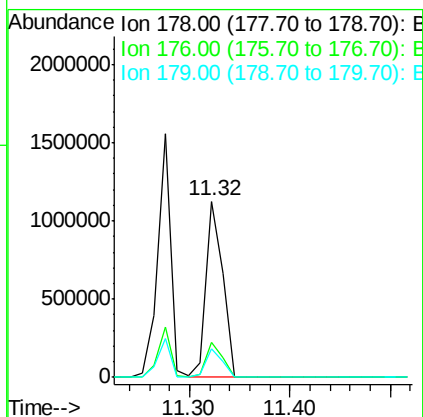
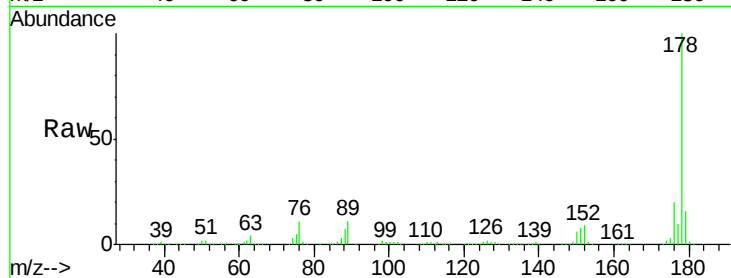
#71
 Anthracene
 Concen: 36.83 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:178 Resp: 1300925
 Ion Ratio Lower Upper
 178 100
 176 19.6 16.5 24.7
 179 16.2 13.2 19.8

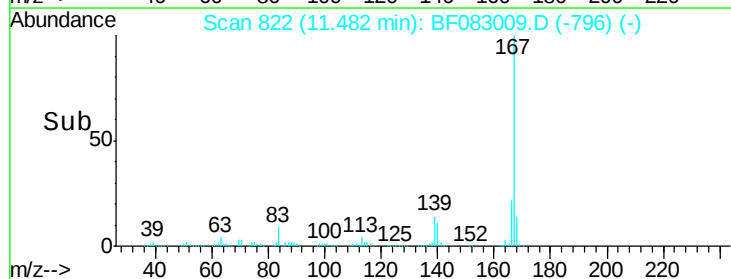
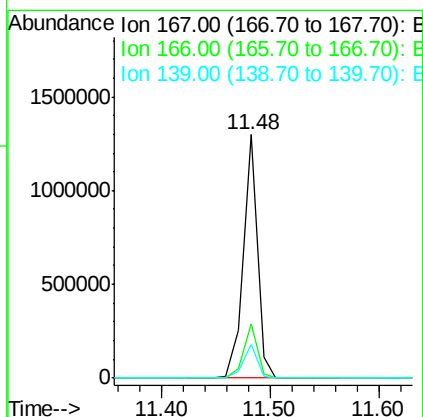
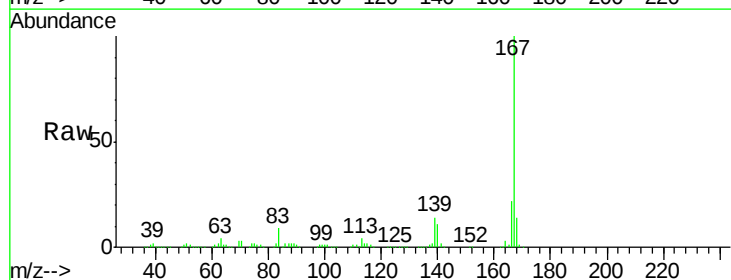
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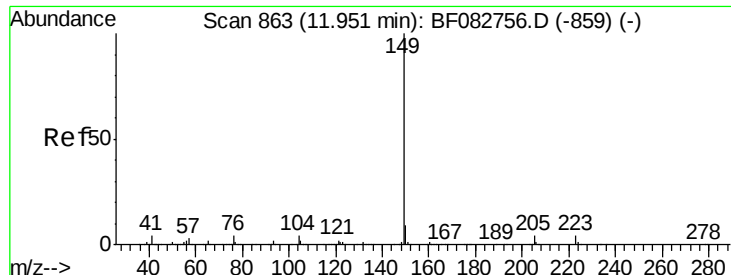
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#72
 Carbazole
 Concen: 37.31 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion:167 Resp: 1153583
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.7 28.1
 139 14.0 11.8 17.6





#73

Di-n-butylphthalate

Concen: 39.76 ng

RT: 11.82 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF083009.D

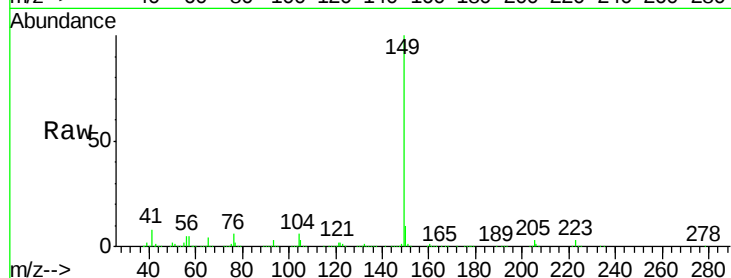
Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

PB86622BSD



Tgt Ion:149 Resp: 1531560

Ion Ratio Lower Upper

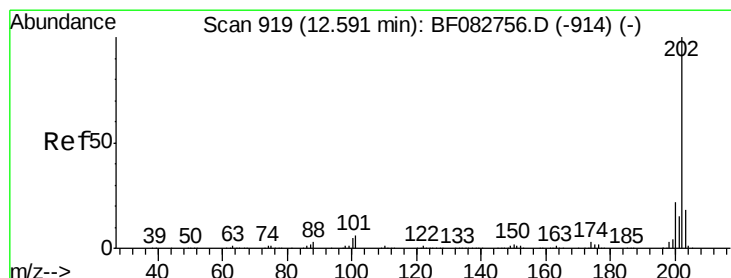
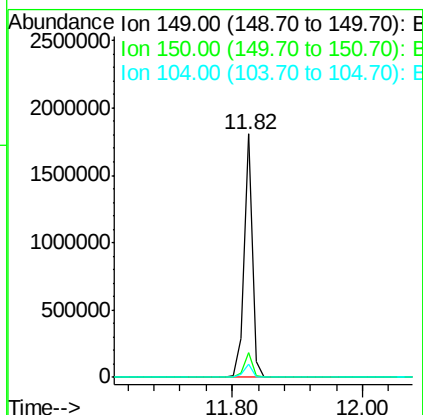
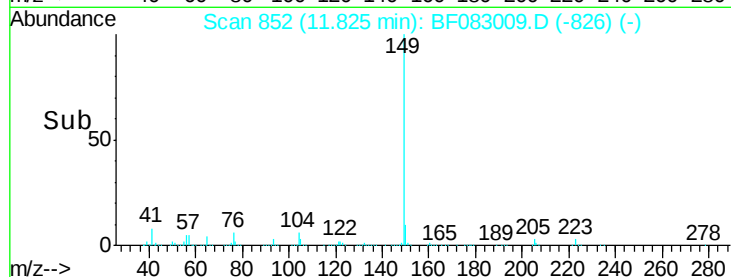
149 100

150 10.0 8.1 12.1

104 5.6 5.2 7.8

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#74

Fluoranthene

Concen: 36.53 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

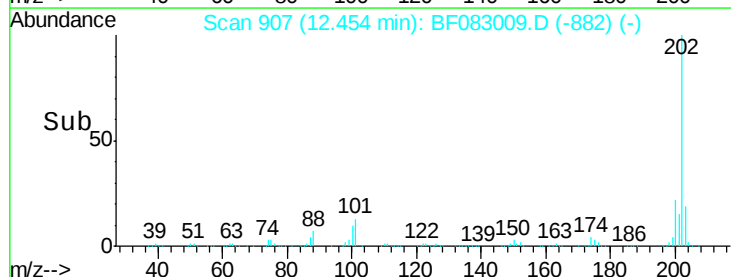
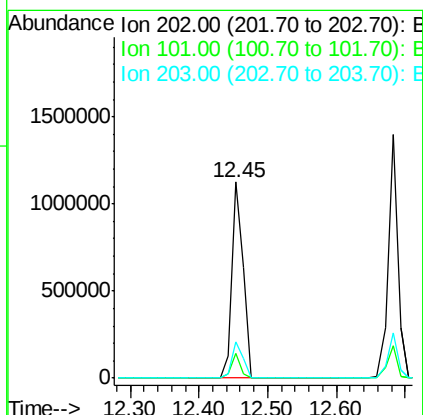
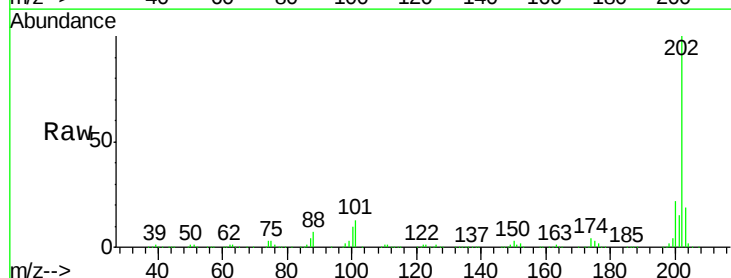
Tgt Ion:202 Resp: 1314316

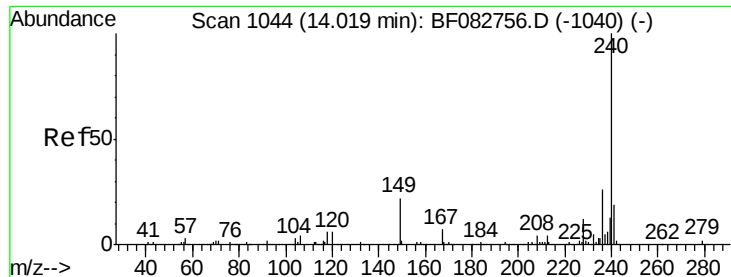
Ion Ratio Lower Upper

202 100

101 12.7 0.0 30.5

203 18.5 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

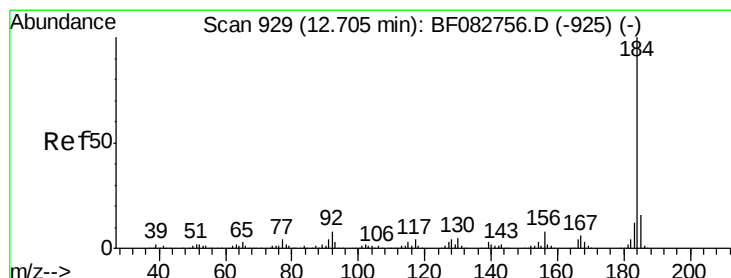
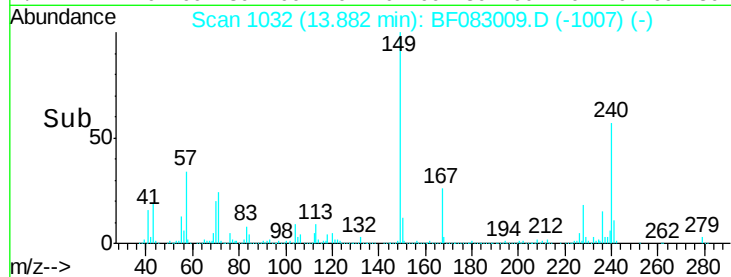
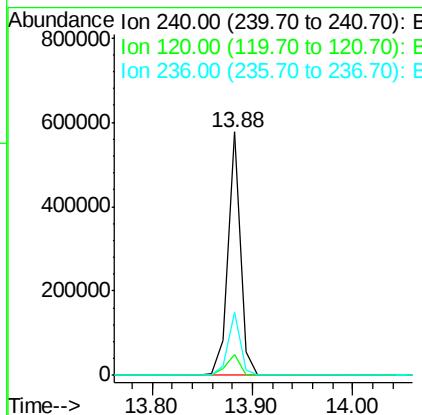
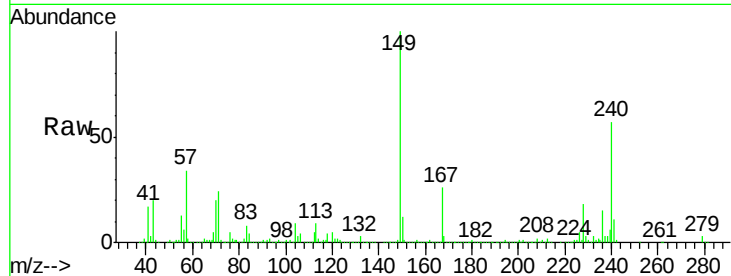
ClientSampleId :

PB86622BSD

Tgt Ion:	240	Resp:	496385
Ion Ratio	Lower	Upper	
240	100		
120	8.3	10.9	16.3#
236	25.8	21.6	32.4

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#76

Benzidine

Concen: 33.61 ng

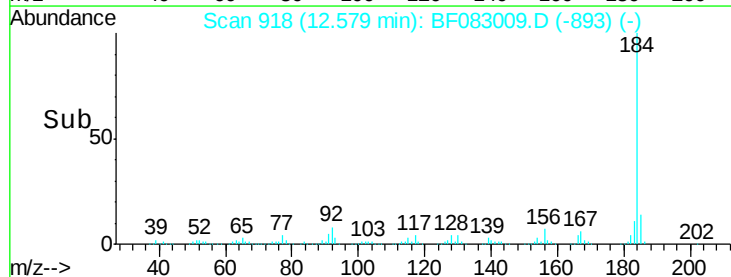
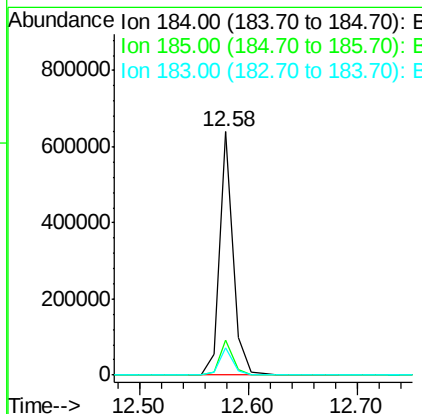
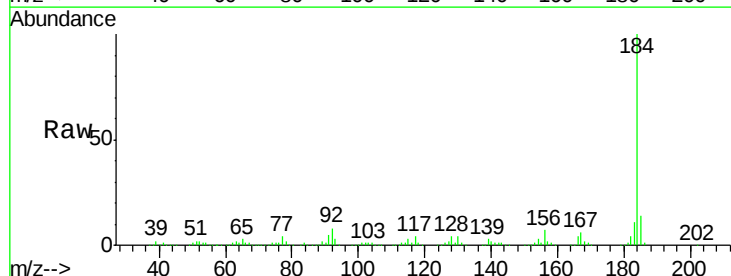
RT: 12.58 min Scan# 918

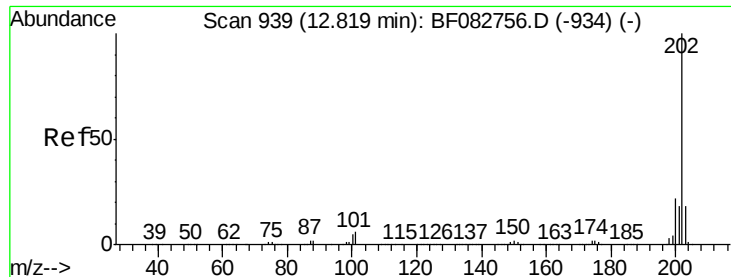
Delta R.T. -0.01 min

Lab File: BF083009.D

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Tgt Ion:	184	Resp:	559100
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.0	18.0
183	11.1	9.6	14.4





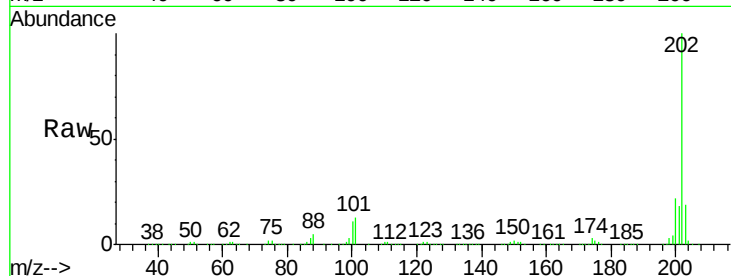
#77
 Pyrene
 Concen: 40.22 ng
 RT: 12.68 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

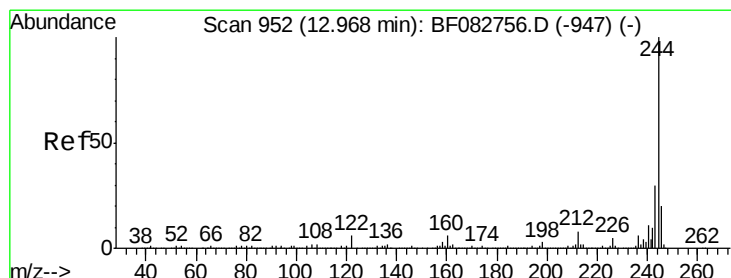
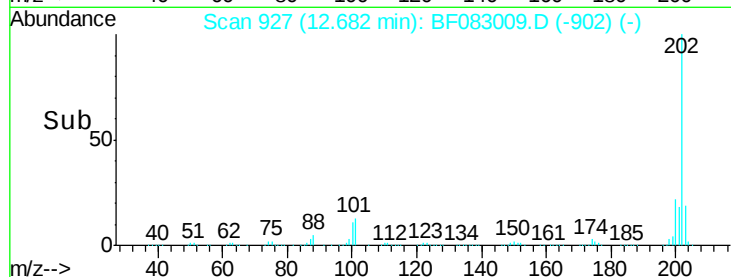
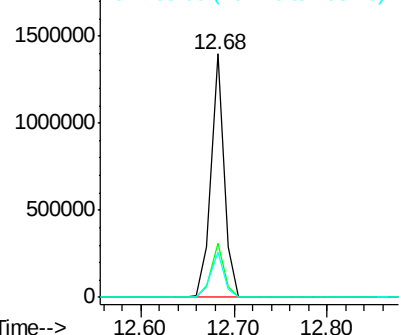
Tgt Ion: 202 Resp: 1371168
 Ion Ratio Lower Upper
 202 100
 200 22.4 18.7 28.1
 203 18.6 14.8 22.2

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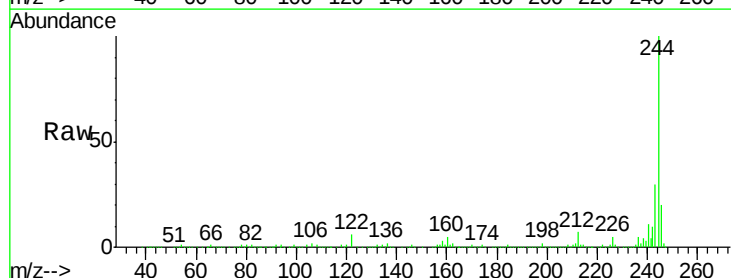


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

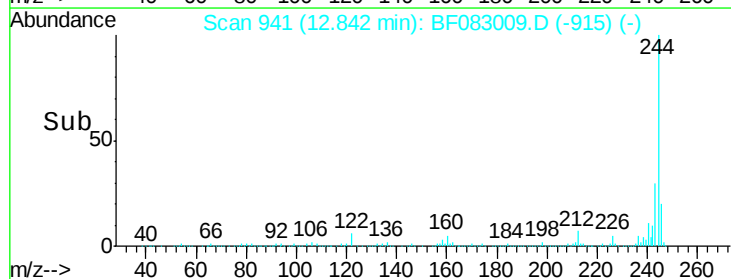
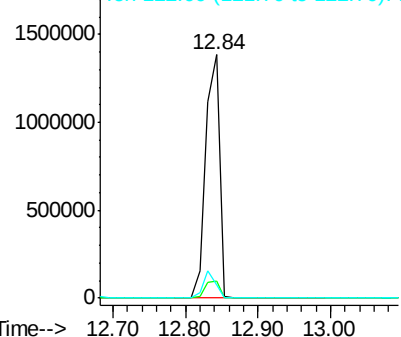


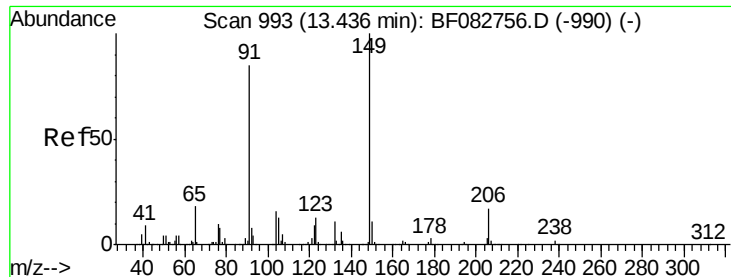
#78
 Terphenyl-d14
 Concen: 87.67 ng
 RT: 12.84 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion: 244 Resp: 1834721
 Ion Ratio Lower Upper
 244 100
 212 7.2 7.6 11.4#
 122 5.5 11.3 16.9#



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





#79

Butylbenzylphthalate

Concen: 44.92 ng

RT: 13.31 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

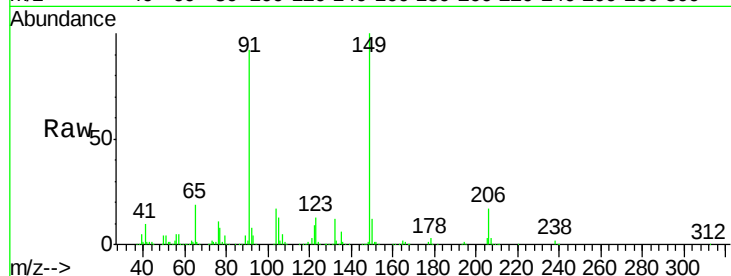
BNA_F

ClientSampleId :

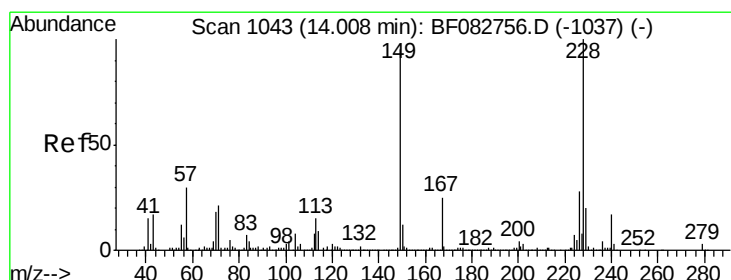
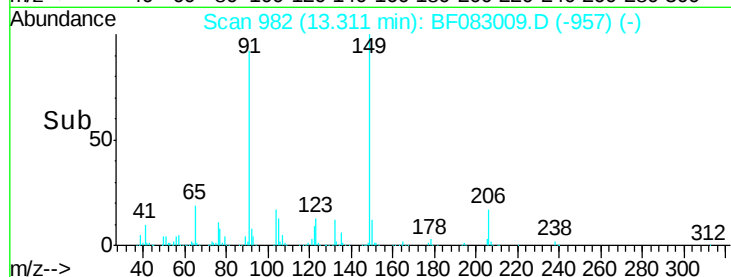
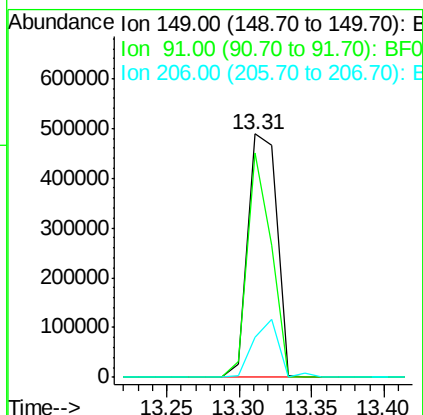
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Tgt Ion:	149	Resp:	676466
Ion Ratio	Lower	Upper	
149	100		
91	92.0	67.7	101.5
206	16.7	14.6	22.0



#80

Benzo(a)anthracene

Concen: 43.15 ng

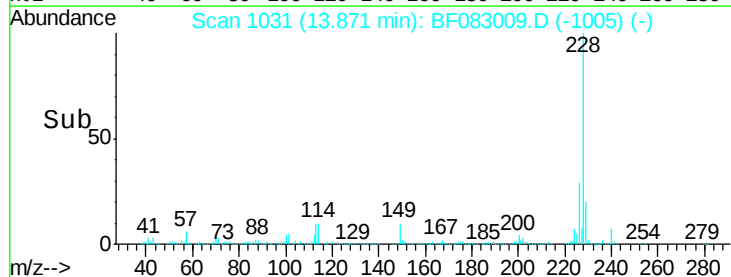
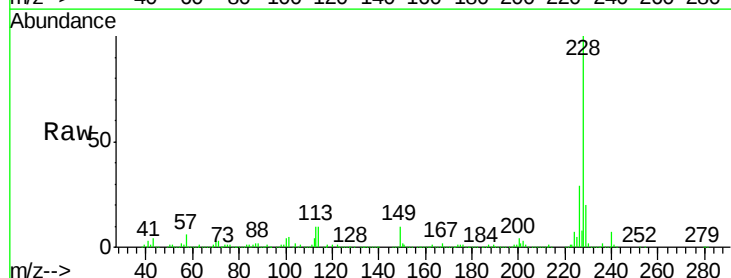
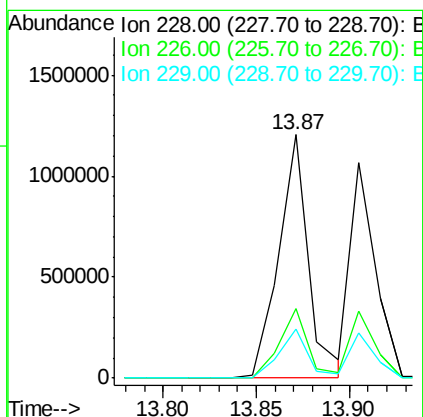
RT: 13.87 min Scan# 1031

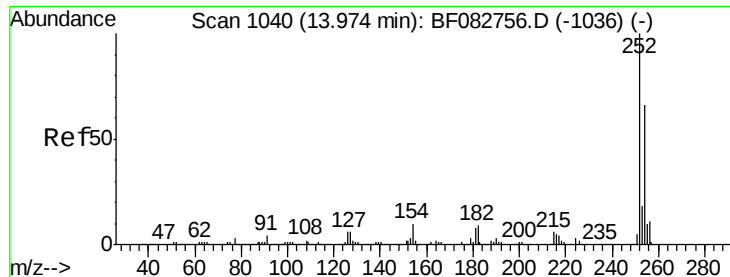
Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion:	228	Resp:	1339500
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	20.1	16.3	24.5





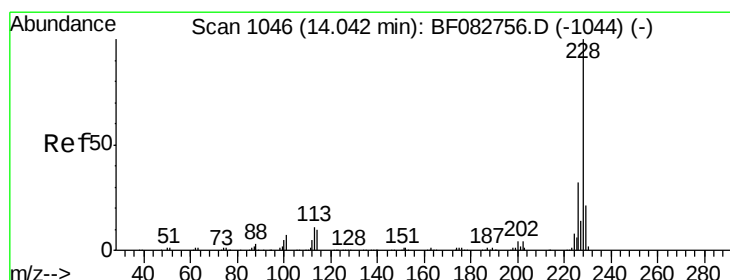
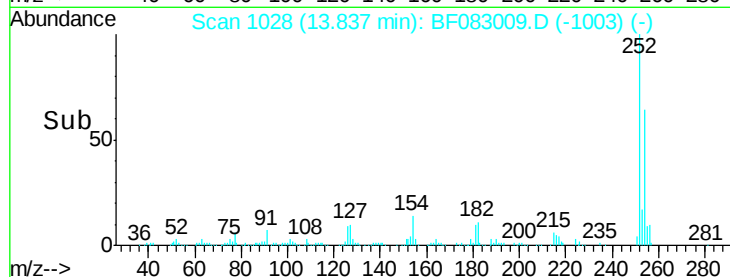
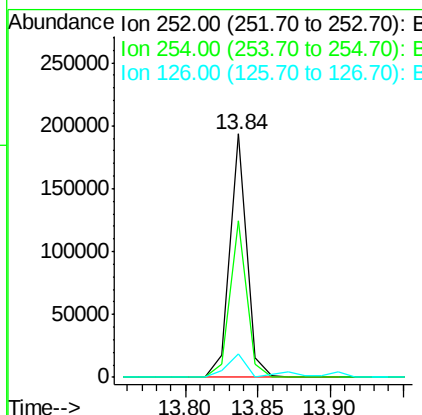
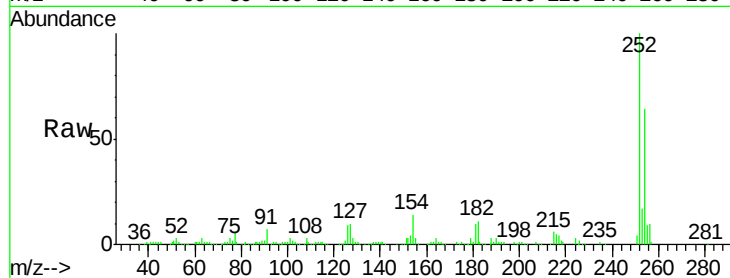
#81
 3,3'-Dichlorobenzidine
 Concen: 14.17 ng
 RT: 13.84 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
254	64.1	51.4	77.0
126	9.4	10.7	16.1#

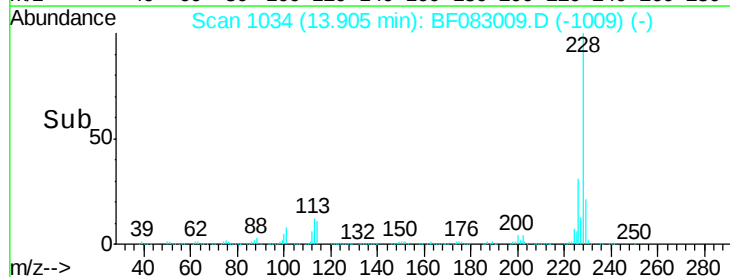
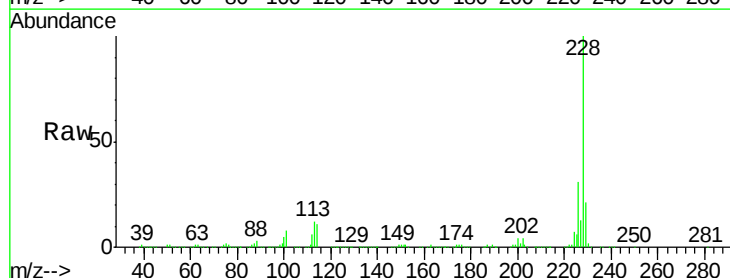
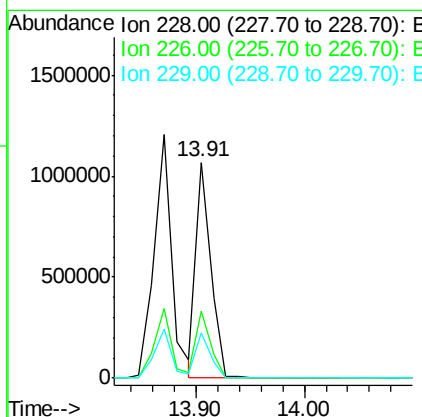
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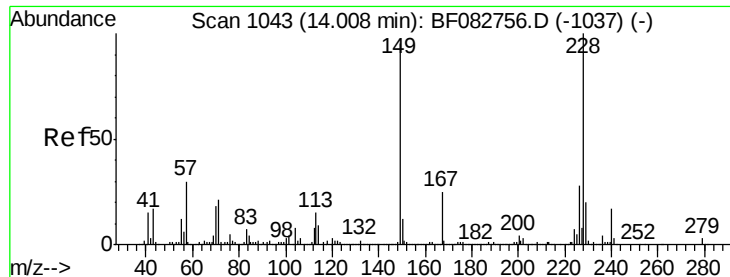
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#82
 Chrysene
 Concen: 35.91 ng
 RT: 13.91 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	30.9	25.5	38.3
229	20.8	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.98 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

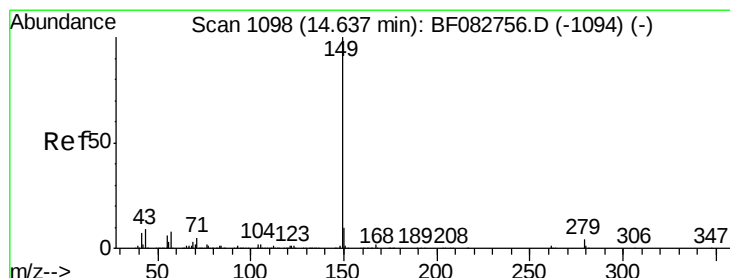
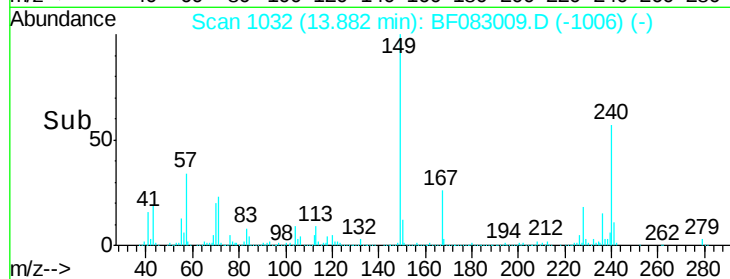
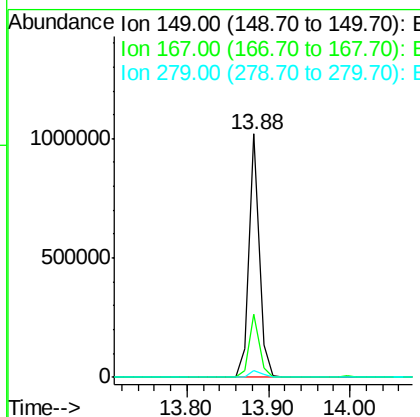
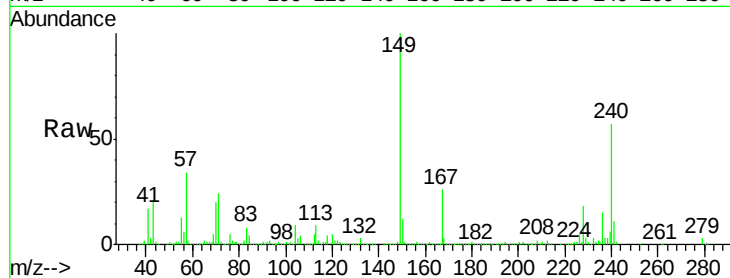
ClientSampleId :

PB86622BSD

Tgt Ion:	149	Resp:	886027
Ion Ratio	Lower	Upper	
149	100		
167	26.0	21.2	31.8
279	2.6	2.2	3.2

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#84

Di-n-octyl phthalate

Concen: 44.53 ng

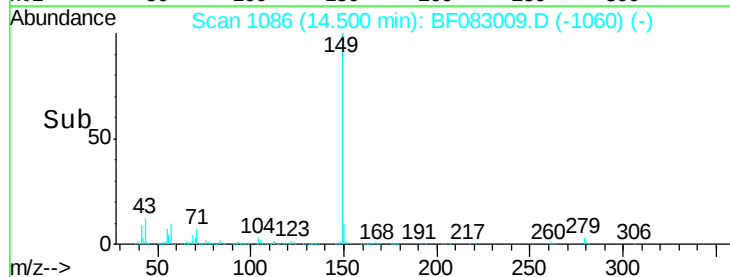
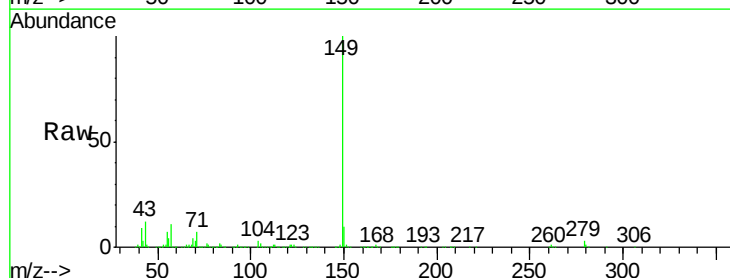
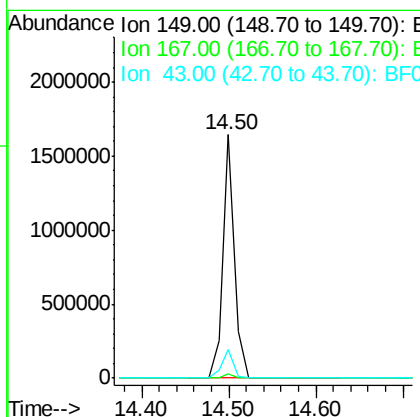
RT: 14.50 min Scan# 1086

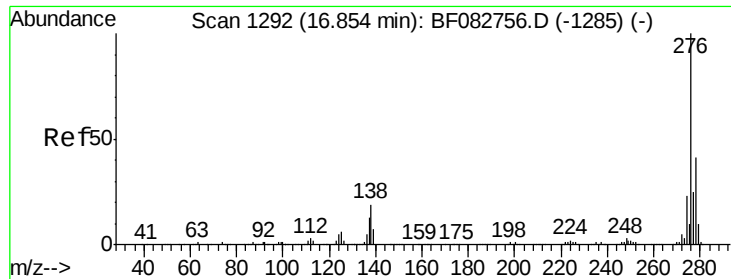
Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Tgt Ion:	149	Resp:	1531120
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	11.5	10.1	15.1





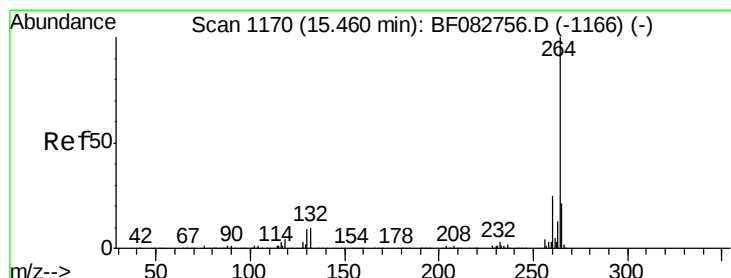
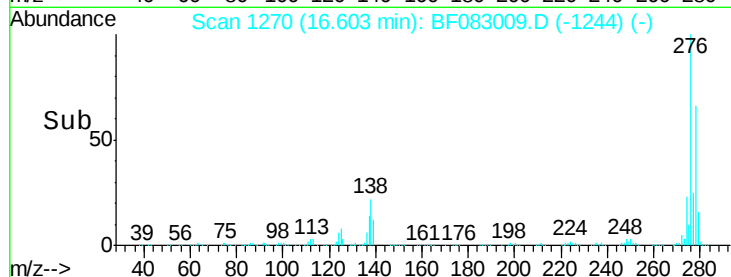
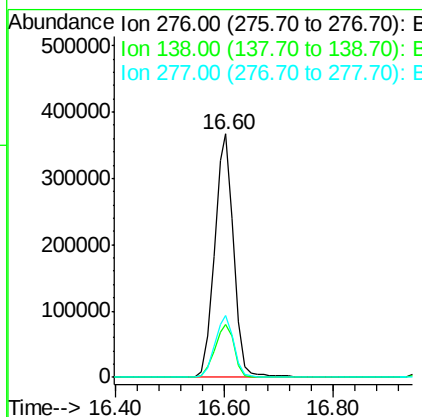
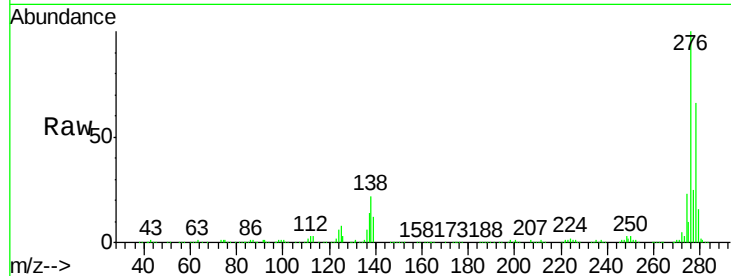
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.98 ng
 RT: 16.60 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	22.5	15.3	22.9
277	25.2	20.2	30.4

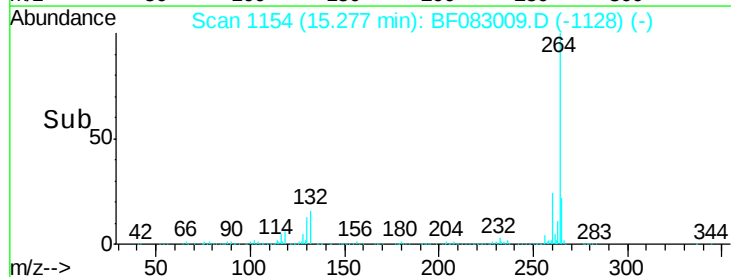
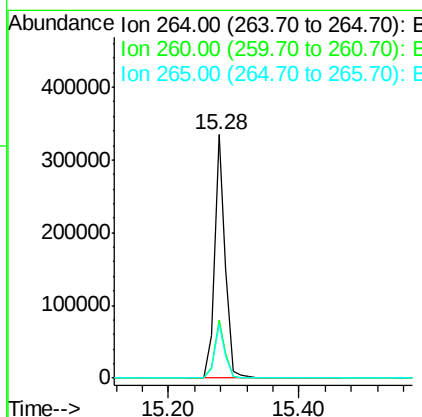
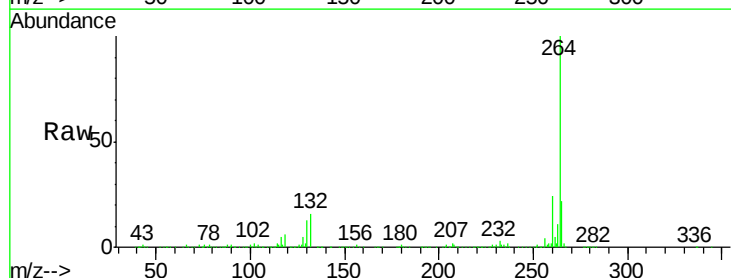
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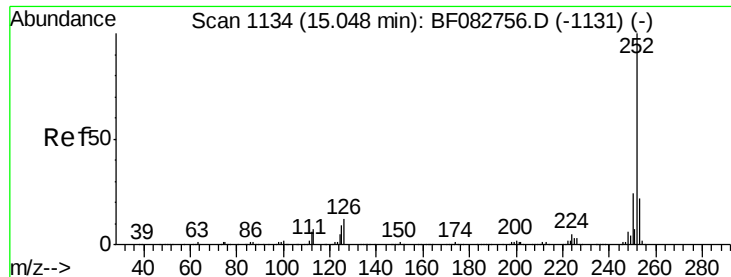
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.28 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.9	19.8	29.6
265	22.1	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 48.64 ng m

RT: 14.90 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

Instrument :

BNA_F

ClientSampleId :

PB86622BSD

Tgt Ion:252 Resp: 1209860

Ion Ratio Lower Upper

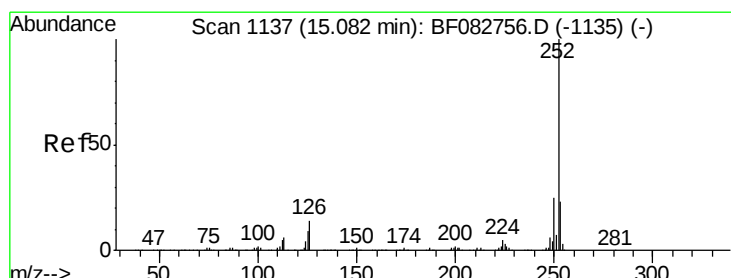
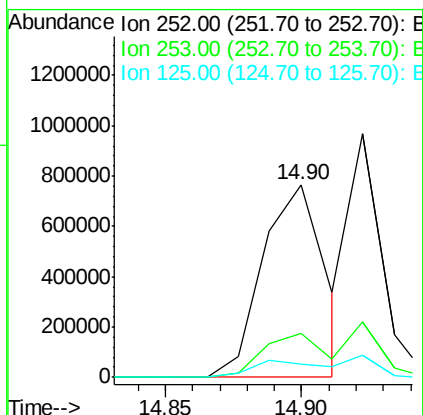
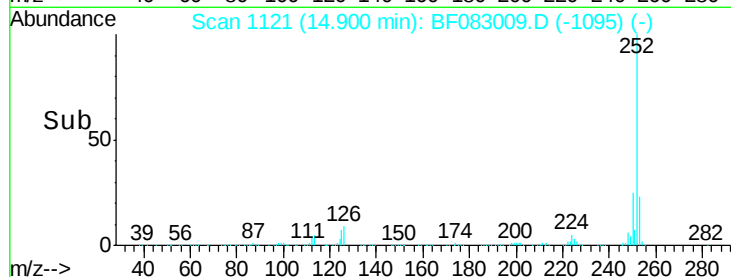
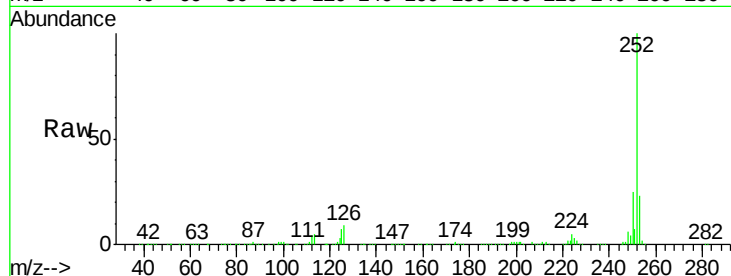
252 100

253 22.7 17.8 26.8

125 6.7 5.4 8.2

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#88

Benzo(k)fluoranthene

Concen: 36.84 ng m

RT: 14.92 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BF083009.D

Acq: 18 Nov 2015 14:38

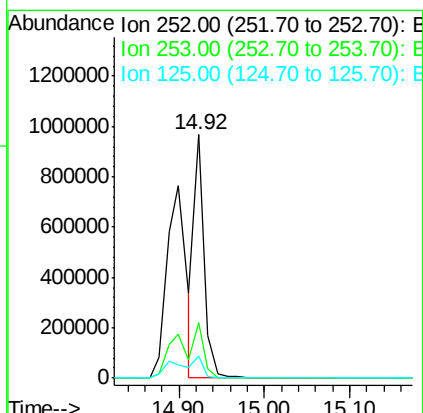
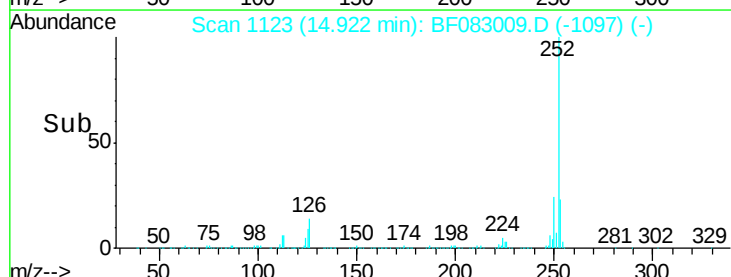
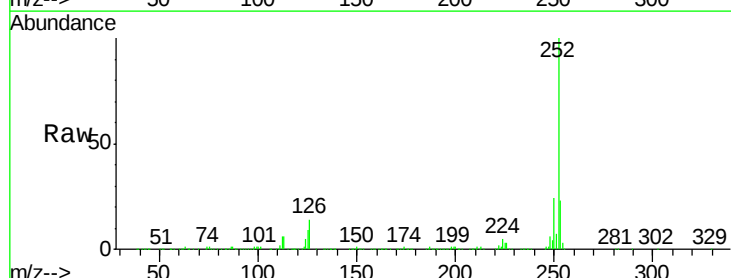
Tgt Ion:252 Resp: 813024

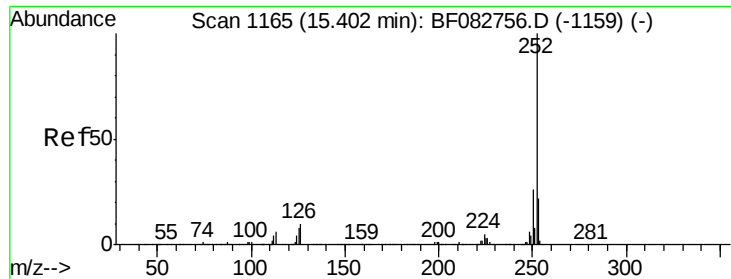
Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 9.3 3.5 5.3#





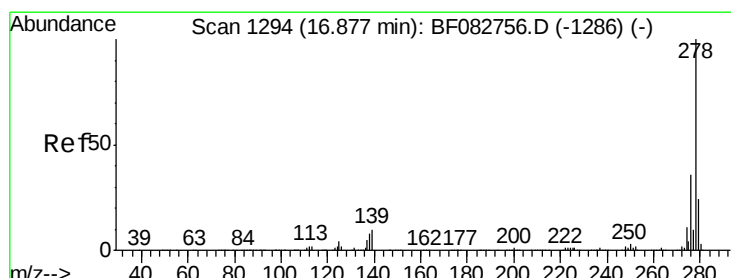
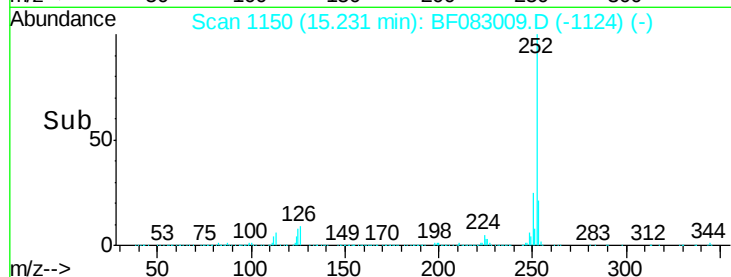
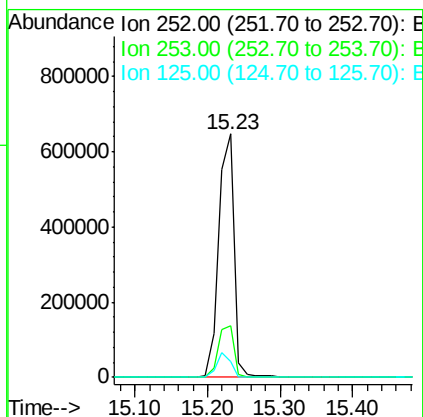
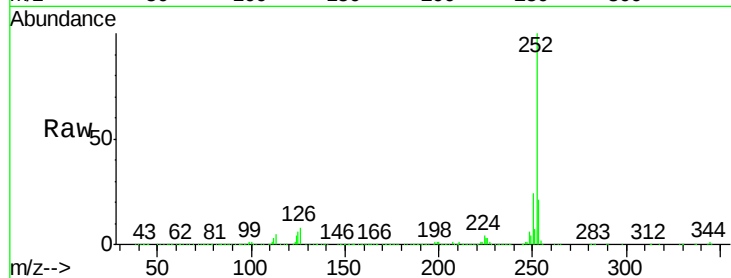
#89
Benzo(a)pyrene
Concen: 44.03 ng
RT: 15.23 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Instrument :
BNA_F
ClientSampleId :
PB86622BSD

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.3	25.9
125	6.5	7.1	10.7#

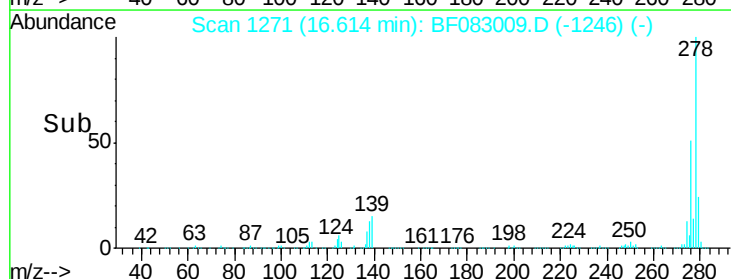
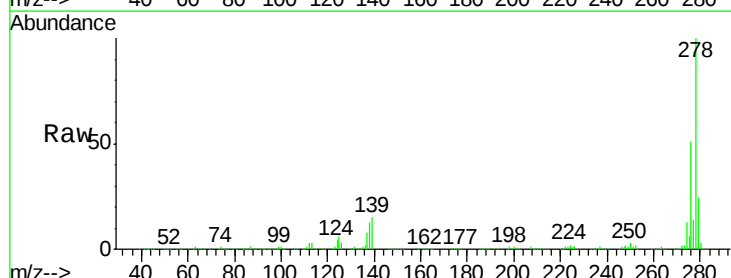
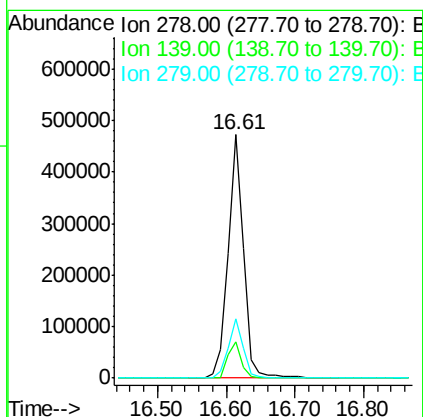
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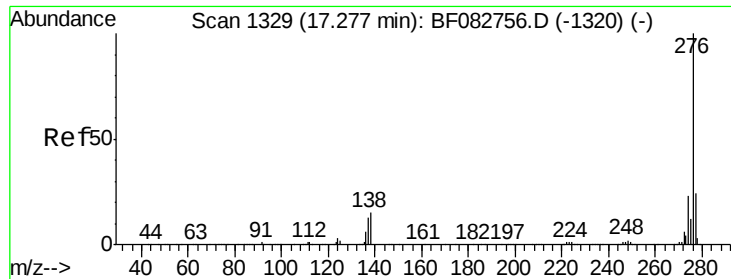
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#90
Dibenzo(a,h)anthracene
Concen: 41.45 ng
RT: 16.61 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF083009.D
Acq: 18 Nov 2015 14:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	9.9	14.9
279	24.3	19.6	29.4





#91
 Benzo(g,h,i)perylene
 Concen: 43.07 ng
 RT: 16.99 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF083009.D
 Acq: 18 Nov 2015 14:38

Instrument :
 BNA_F
 ClientSampleId :
 PB86622BSD

Tgt Ion:	276	Resp:	752841
Ion Ratio	Lower	Upper	
276	100		
277	23.9	19.2	28.8
138	20.2	13.1	19.7#

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