

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110315\
 Data File : BF082668.D
 Acq On : 3 Nov 2015 18:50
 Operator : UM/IZ
 Sample : PB86401BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Manual Integrations
 APPROVED

Mmdadoda
 11/4/2015 5:26:14 PM

Quant Time: Nov 04 03:58:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	170488	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	671915	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	340367	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	643470	20.00	ng	-0.01
75) Chrysene-d12	14.05	240	556884	20.00	ng	0.00
86) Perylene-d12	15.53	264	494032	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1139916	100.70	ng	0.01
7) Phenol-d6	6.51	99	1547421	102.90	ng	0.00
23) Nitrobenzene-d5	7.44	82	1108141	67.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	481109	129.16	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1754278	73.18	ng	-0.01
78) Terphenyl-d14	12.99	244	1950690	76.66	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	143134	27.35	ng	97
3) Pyridine	3.24	79	449283	29.28	ng	98
4) n-Nitrosodimethylamine	3.17	42	235358	27.25	ng	92
6) Aniline	6.53	93	530034	25.31	ng	97
8) 2-Chlorophenol	6.66	128	400995	32.74	ng	# 78
9) Benzaldehyde	6.42	77	52665	5.13	ng	81
10) Phenol	6.52	94	600539	35.24	ng	96
11) bis(2-Chloroethyl)ether	6.61	93	450511	35.84	ng	90
12) 1,3-Dichlorobenzene	6.82	146	483673m	34.63	ng	
13) 1,4-Dichlorobenzene	6.90	146	489477m	35.34	ng	
14) 1,2-Dichlorobenzene	7.05	146	424939	33.05	ng	93
15) Benzyl Alcohol	7.01	79	458403	32.69	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.16	45	648061	32.44	ng	98
17) 2-Methylphenol	7.14	107	373814	35.90	ng	93
18) Hexachloroethane	7.40	117	174400	32.26	ng	# 77
19) n-Nitroso-di-n-propylamine	7.30	70	381124	33.43	ng	# 82
20) 3+4-Methylphenols	7.29	107	464089	34.29	ng	93
22) Acetophenone	7.29	105	602968	30.48	ng	# 86
24) Nitrobenzene	7.46	77	539784	32.45	ng	91
25) Isophorone	7.70	82	920881	30.42	ng	97
26) 2-Nitrophenol	7.78	139	230452	37.93	ng	# 76
27) 2,4-Dimethylphenol	7.82	122	422135	35.59	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	559120	33.77	ng	98
29) 2,4-Dichlorophenol	8.02	162	362228	33.51	ng	89
30) 1,2,4-Trichlorobenzene	8.11	180	409788	34.16	ng	95
31) Naphthalene	8.19	128	1272737	35.01	ng	99
32) Benzoic acid	7.93	122	257215	29.89	ng	95
33) 4-Chloroaniline	8.24	127	291454	18.78	ng	# 84
34) Hexachlorobutadiene	8.32	225	261312	34.25	ng	98
35) Caprolactam	8.59	113	121850	36.74	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	423364	33.26	ng	94
37) 2-Methylnaphthalene	8.88	142	753148	31.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	374312	32.96	ng	97
40) Hexachlorocyclopentadiene	9.05	237	509863	71.41	ng	97

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Instrument :
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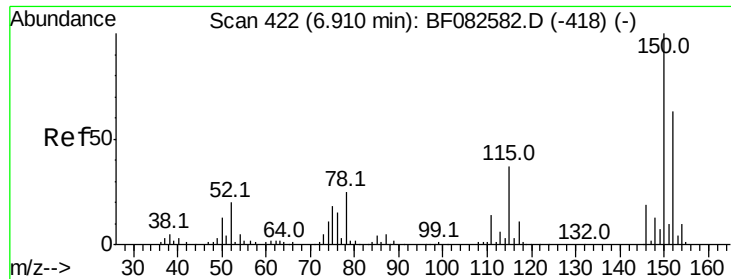
Manual Integrations
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 11/4/2015 5:26:14 PM

Quant Time: Nov 04 03:58:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF103015.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	288414	35.17	nq	97
43) 2,4,5-Trichlorophenol	9.20	196	289181	35.39	nq	93
45) 1,1'-Biphenyl	9.34	154	979753	34.08	nq	97
46) 2-Chloronaphthalene	9.37	162	766463	34.14	nq	96
47) 2-Nitroaniline	9.46	65	324187	37.15	nq	# 86
48) Acenaphthylene	9.78	152	1209546	33.68	nq	99
49) Dimethylphthalate	9.65	163	975063	35.08	nq	# 97
50) 2,6-Dinitrotoluene	9.70	165	199904	34.70	nq	86
51) Acenaphthene	9.96	154	903956	39.66	nq	95
52) 3-Nitroaniline	9.87	138	153624	23.97	nq	# 73
53) 2,4-Dinitrophenol	9.97	184	238118	77.78	nq	# 30
54) Dibenzofuran	10.13	168	1154257	37.32	nq	89
55) 4-Nitrophenol	10.03	139	348502	72.26	nq	# 87
56) 2,4-Dinitrotoluene	10.11	165	300231	38.53	nq	# 58
57) Fluorene	10.48	166	872421	34.97	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	269196	38.98	nq	# 89
59) Diethylphthalate	10.35	149	1001762	35.40	nq	99
60) 4-Chlorophenyl-phenylether	10.46	204	438423	36.15	nq	# 88
61) 4-Nitroaniline	10.48	138	207596	33.94	nq	89
62) Azobenzene	10.62	77	1053363	33.01	nq	93
64) 4,6-Dinitro-2-methylphenol	10.51	198	154812	39.89	nq	# 56
65) n-Nitrosodiphenylamine	10.58	169	721667	32.63	nq	100
66) 4-Bromophenyl-phenylether	10.96	248	288168	39.52	nq	# 86
67) Hexachlorobenzene	11.02	284	320289	39.61	nq	# 64
68) Atrazine	11.12	200	276131	38.15	nq	89
69) Pentachlorophenol	11.21	266	380369	71.34	nq	99
70) Phenanthrene	11.42	178	1298896	35.79	nq	98
71) Anthracene	11.48	178	1395957	38.20	nq	99
72) Carbazole	11.63	167	1127698	35.43	nq	98
73) Di-n-butylphthalate	11.97	149	1468318	36.24	nq	99
74) Fluoranthene	12.61	202	1402275	37.80	nq	98
76) Benzidine	12.74	184	773399	30.79	nq	99
77) Pyrene	12.84	202	1427726	34.62	nq	99
79) Butylbenzylphthalate	13.47	149	685720	37.97	nq	94
80) Benzo(a)anthracene	14.04	228	1301374	36.79	nq	99
81) 3,3'-Dichlorobenzidine	14.01	252	330584	27.12	nq	# 97
82) Chrysene	14.09	228	1242709	38.76	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	1026352	43.83	nq	# 98
84) Di-n-octyl phthalate	14.69	149	1579133	43.24	nq	97
85) Indeno(1,2,3-cd)pyrene	16.95	276	1101776	41.64	nq	100
87) Benzo(b)fluoranthene	15.11	252	1242150	36.46	nq	# 97
88) Benzo(k)fluoranthene	15.14	252	838719m	32.32	nq	
89) Benzo(a)pyrene	15.47	252	985374	36.73	nq	# 97
90) Dibenzo(a,h)anthracene	16.97	278	918234	36.68	nq	99
91) Benzo(g,h,i)perylene	17.37	276	918951	37.88	nq	98

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



#1

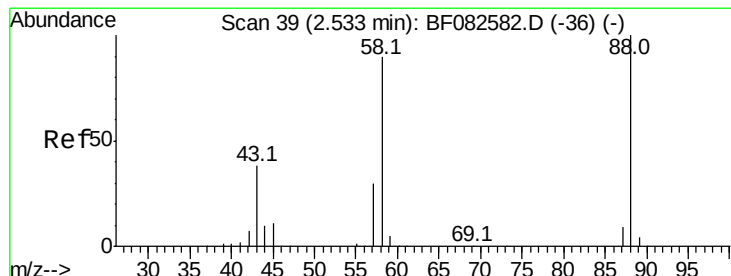
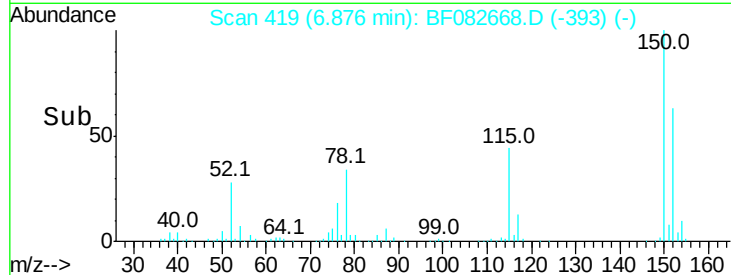
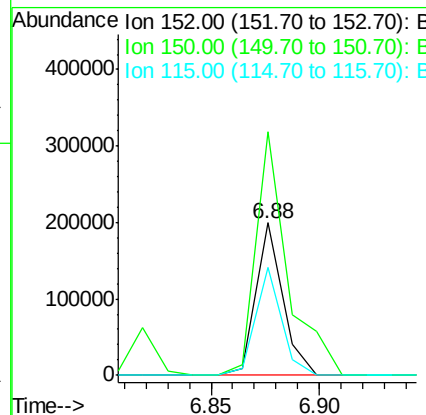
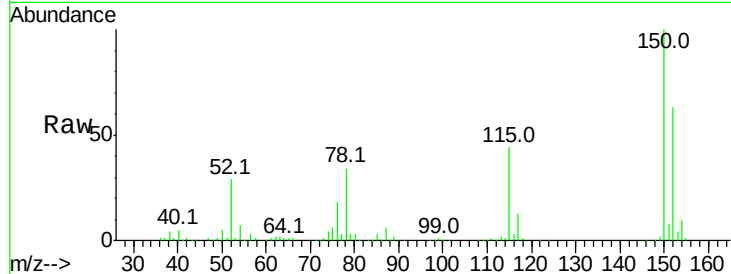
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 419
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	127.0	190.4
115	71.0	47.0	70.6

Manual Integrations
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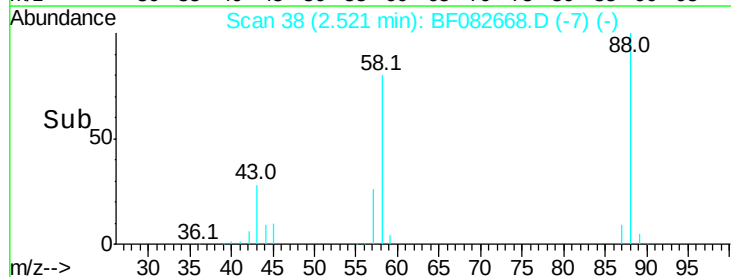
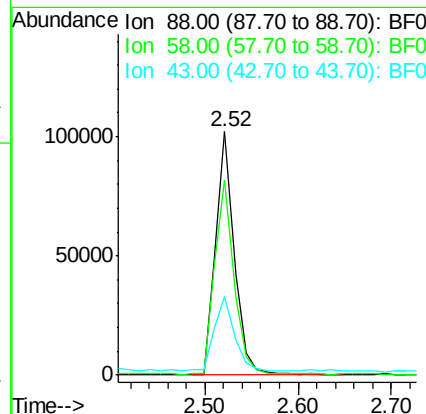
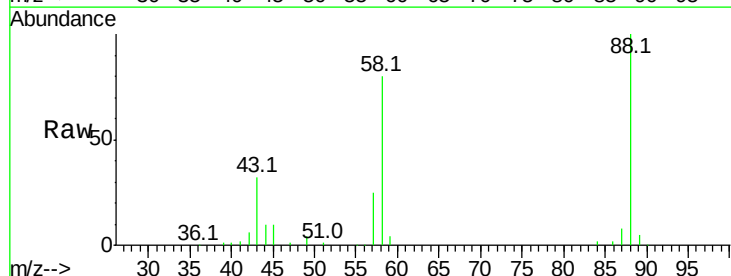
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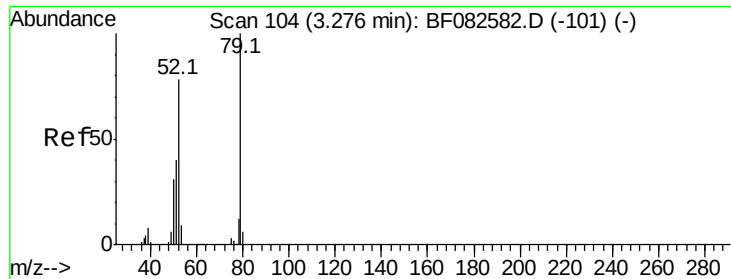


#2

1,4-Dioxane
Concen: 27.35 ng
RT: 2.52 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.0	93.0
43	33.1	26.6	40.0





#3

Pvridine

Concen: 29.28 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.05 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

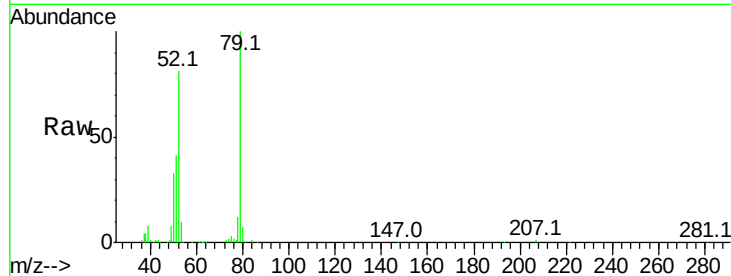
ClientSampleId :

PB86401BS

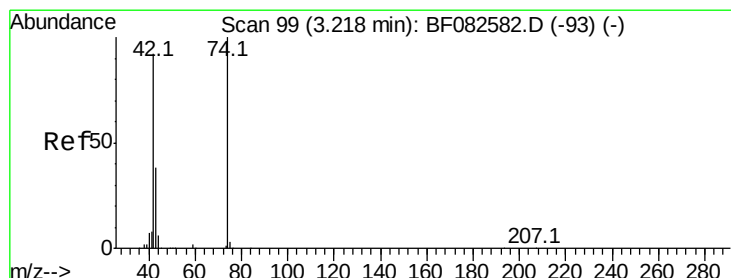
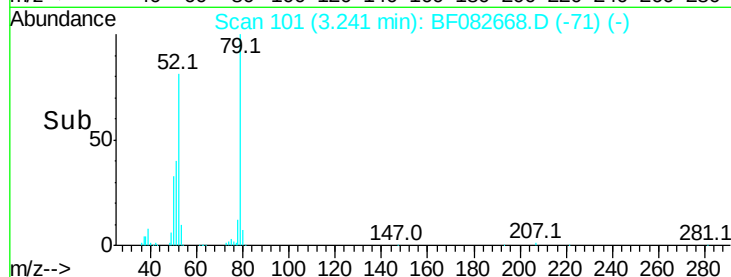
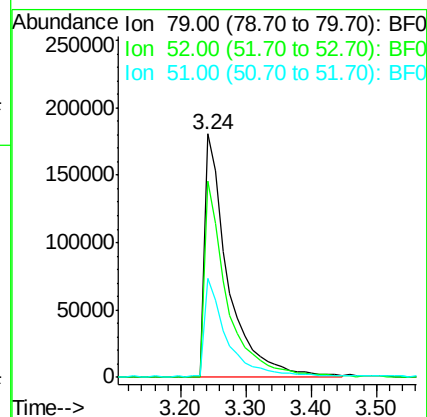
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Tot Ion	Ion	Ratio	Lower	Upper
79	100			
52	80.8	62.8	94.2	
51	40.5	32.0	48.0	



#4

n-Nitrosodimethylamine

Concen: 27.25 ng

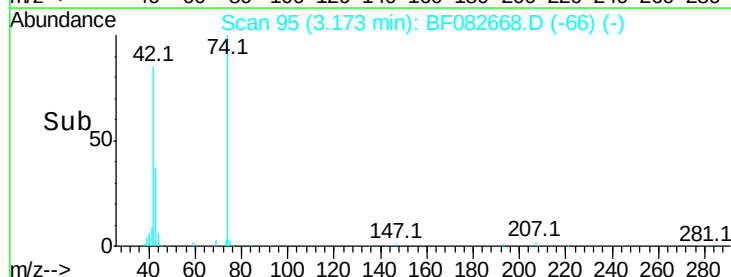
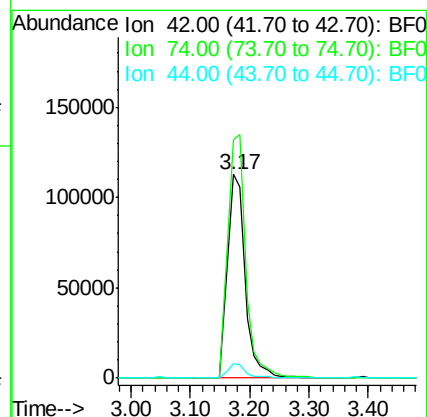
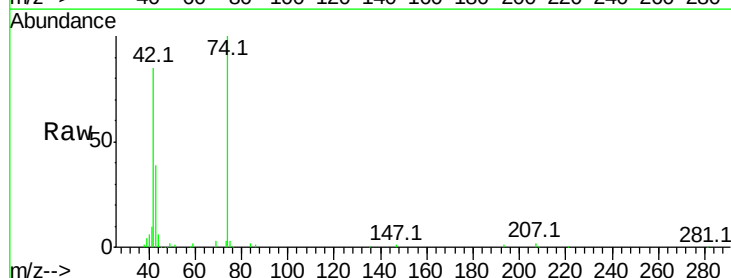
RT: 3.17 min Scan# 95

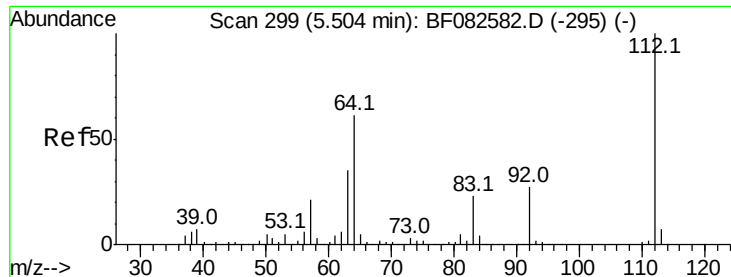
Delta R.T. 0.03 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion	Ion	Ratio	Lower	Upper
42	100			
74	117.2	87.0	130.4	
44	7.3	5.8	8.8	





#5

2-Fluorophenol

Concen: 100.70 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

Tot Ion: 112 Resp: 1139916

Ion Ratio Lower Upper

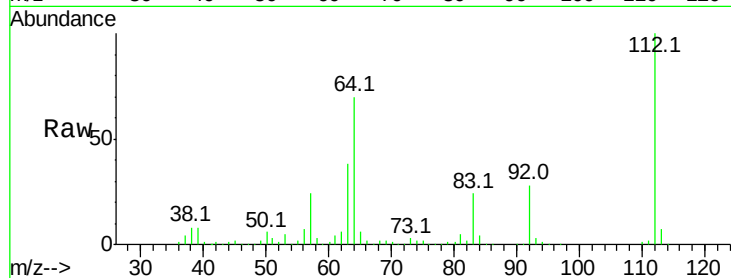
112 100

64 69.5 48.9 73.3

63 38.2 28.1 42.1

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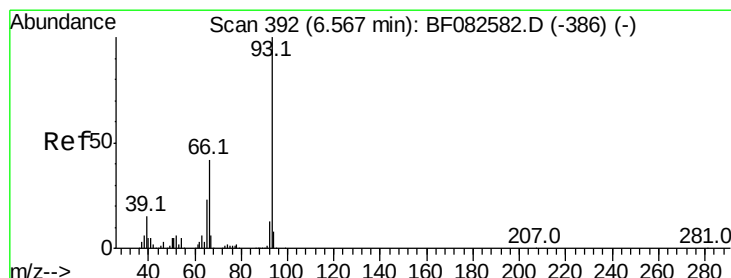
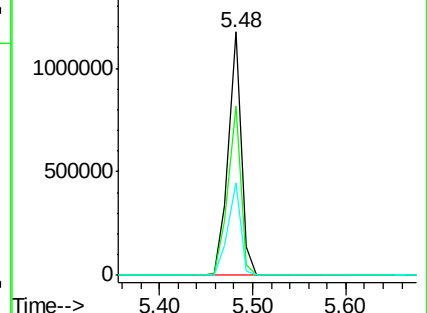
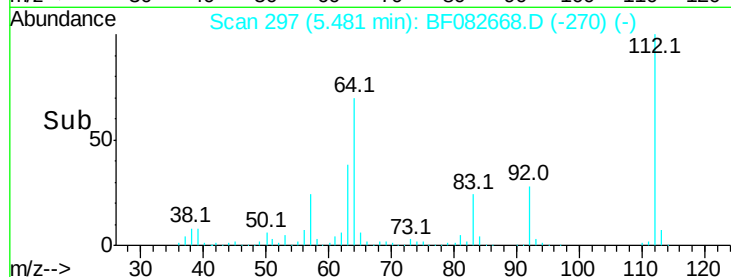
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 25.31 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

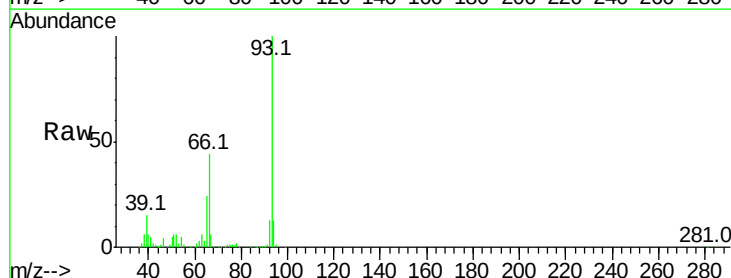
Tgt Ion: 93 Resp: 530034

Ion Ratio Lower Upper

93 100

66 44.1 33.6 50.4

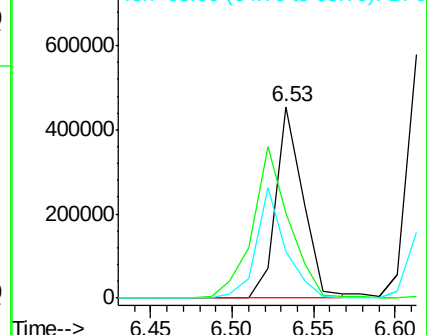
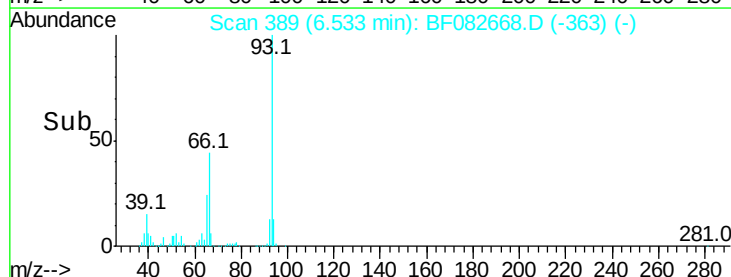
65 24.1 18.1 27.1

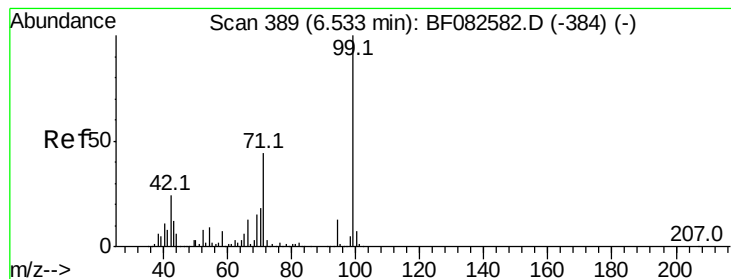


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 102.90 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

Tot Ion: 99 Resp: 1547421

Ion Ratio Lower Upper

99 100

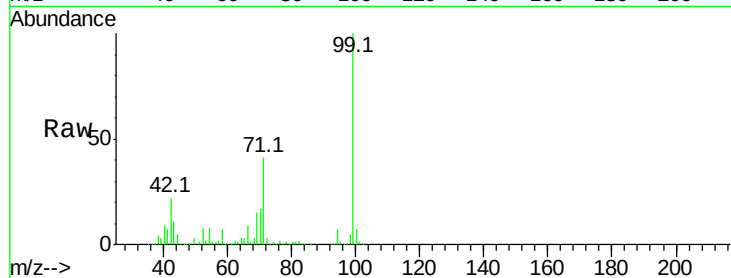
42 21.5 19.2 28.8

71 41.0 35.0 52.4

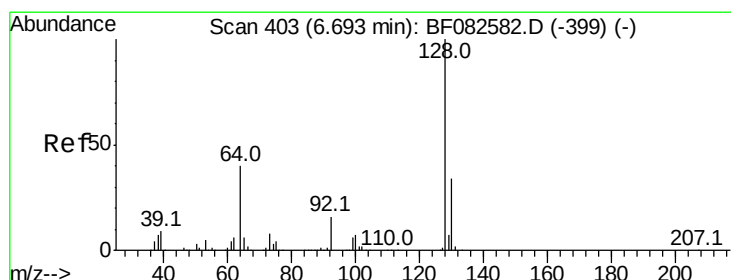
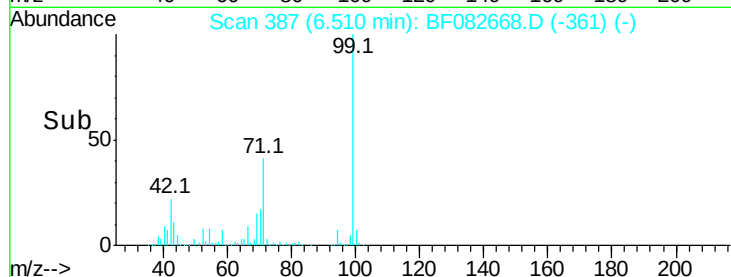
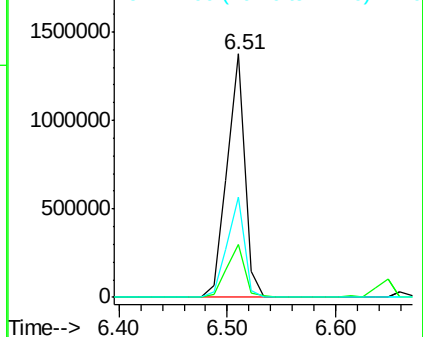
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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 32.74 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

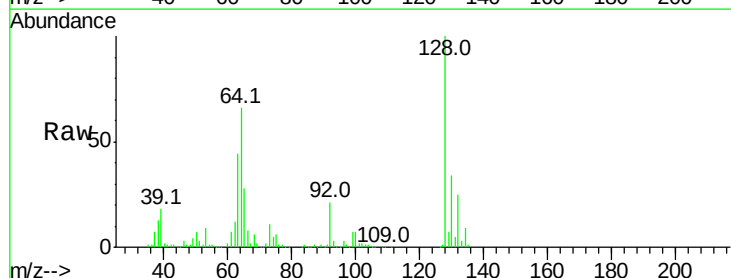
Tgt Ion:128 Resp: 400995

Ion Ratio Lower Upper

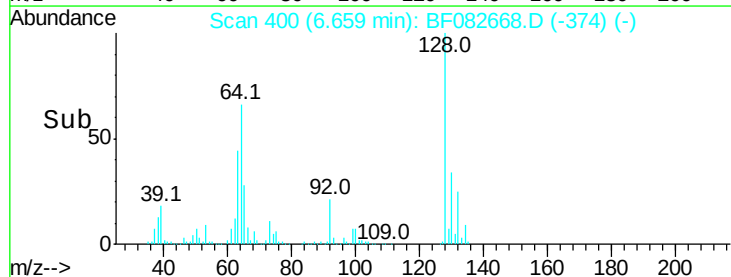
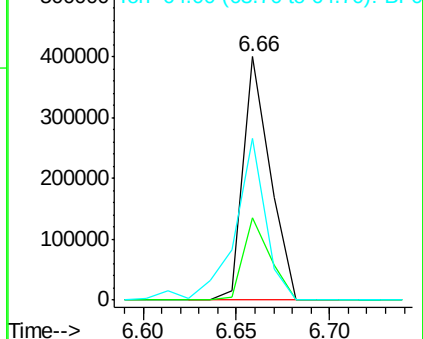
128 100

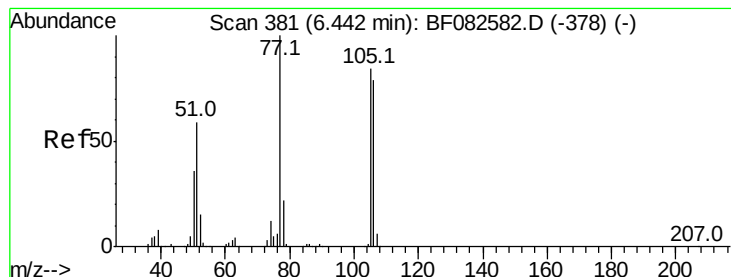
130 33.9 13.5 53.5

64 66.2 21.1 61.1#



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





#9

Benzaldehyde

Concen: 5.13 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

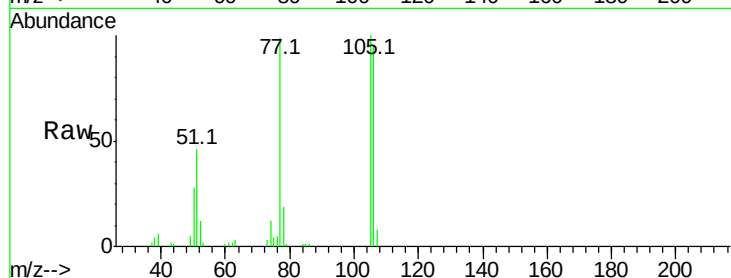
BNA_F

ClientSampleId :

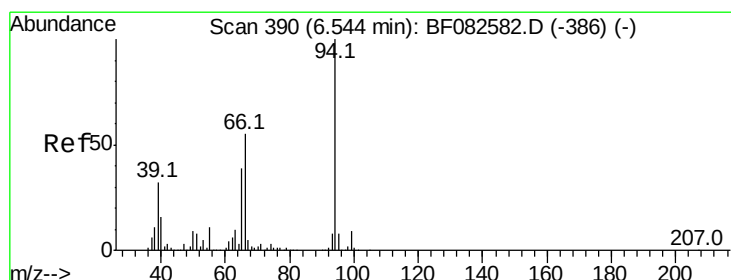
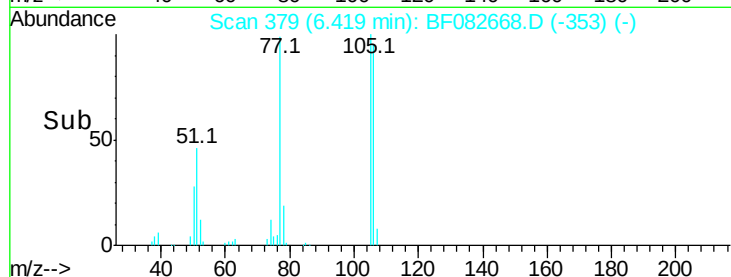
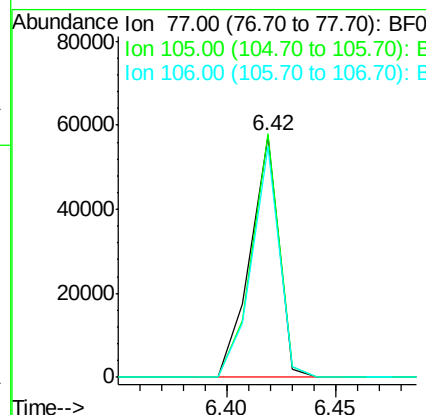
PB86401BS

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Tot Ion:	77	Resp:	52665
Ion	Ratio	Lower	Upper
77	100		
105	101.0	63.5	103.5
106	95.6	59.3	99.3



#10

Phenol

Concen: 35.24 ng

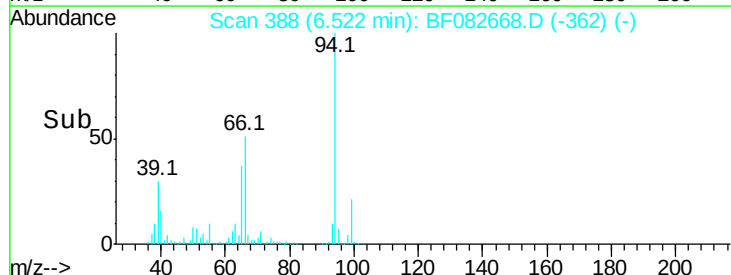
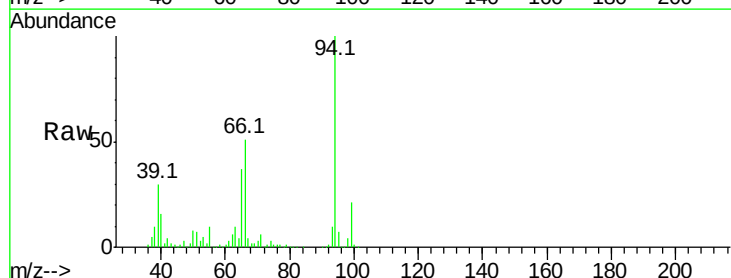
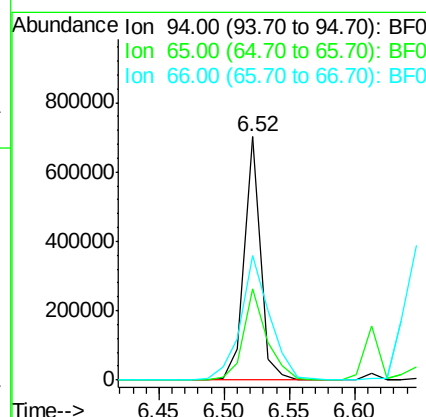
RT: 6.52 min Scan# 388

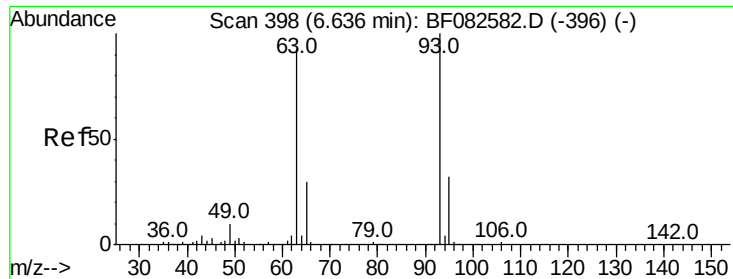
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	94	Resp:	600539
Ion	Ratio	Lower	Upper
94	100		
65	37.5	18.9	58.9
66	51.4	34.9	74.9





#11

bis(2-Chloroethyl)ether

Concen: 35.84 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

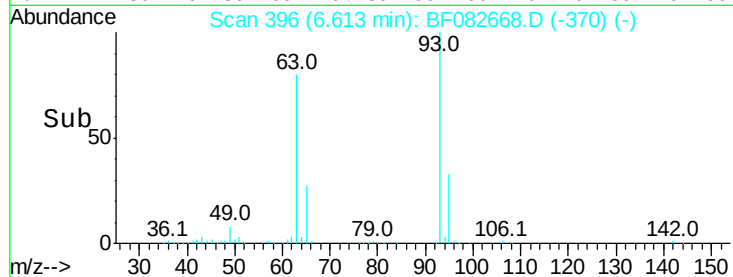
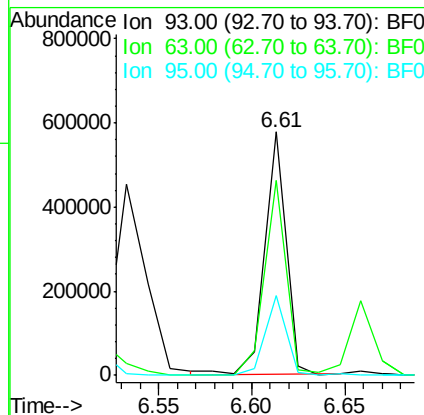
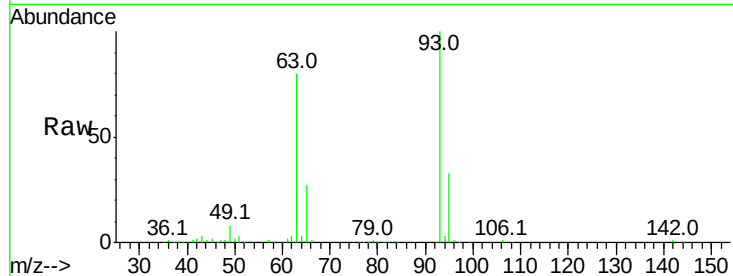
ClientSampleId :

PB86401BS

Tot Ion:	93	Resp:	450511
Ion Ratio	Lower	Upper	
93	100		
63	80.3	72.7	112.7
95	32.6	12.0	52.0

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#12

1,3-Dichlorobenzene

Concen: 34.63 ng m

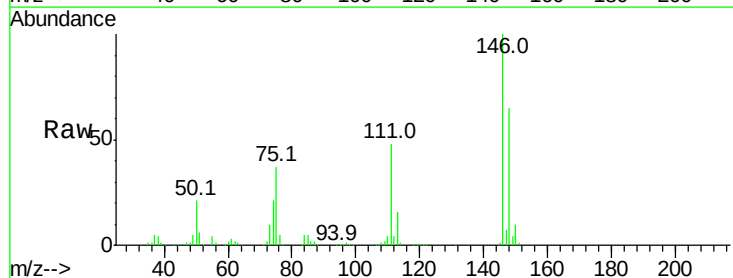
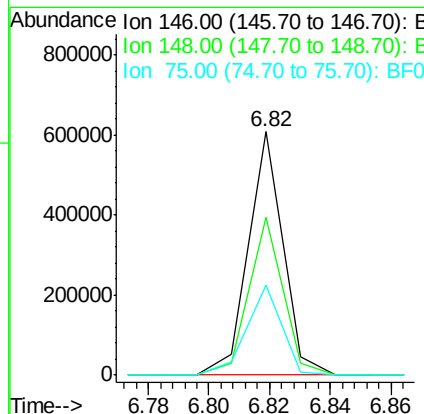
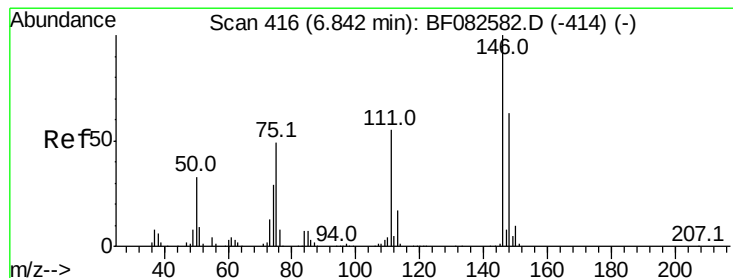
RT: 6.82 min Scan# 414

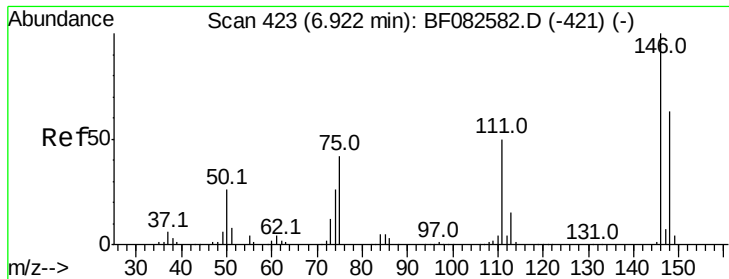
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	146	Resp:	483673
Ion Ratio	Lower	Upper	
146	100		
148	64.7	50.5	75.7
75	37.0	39.5	59.3#





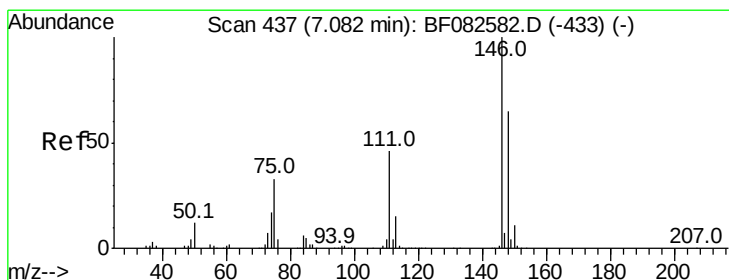
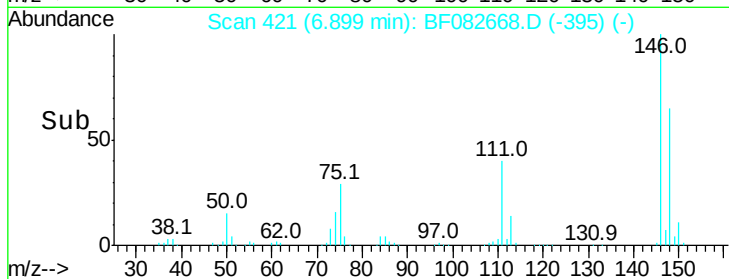
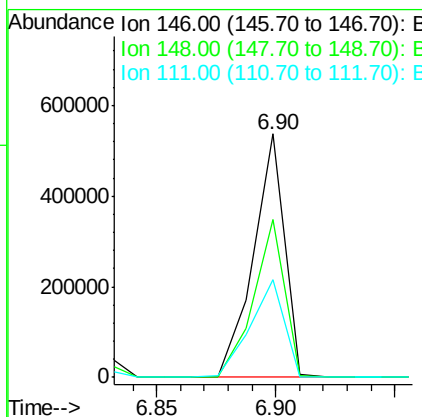
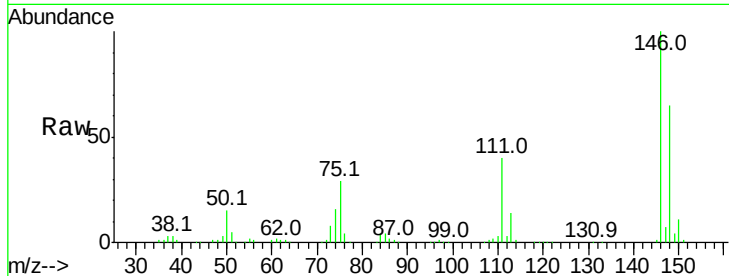
#13
 1,4-Dichlorobenzene
 Concen: 35.34 ng/mL
 RT: 6.90 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.8	76.2
111	40.1	40.6	60.8

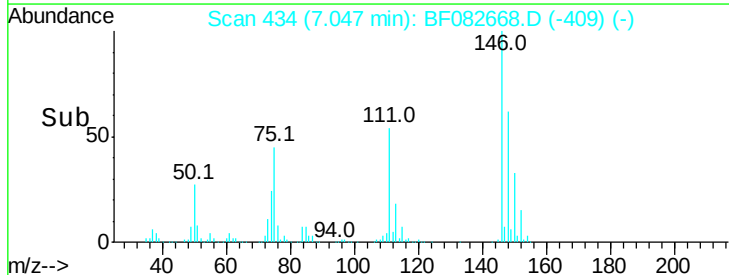
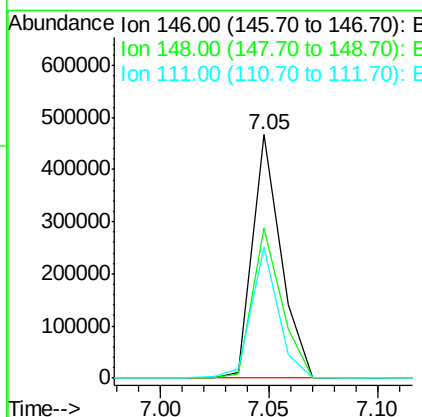
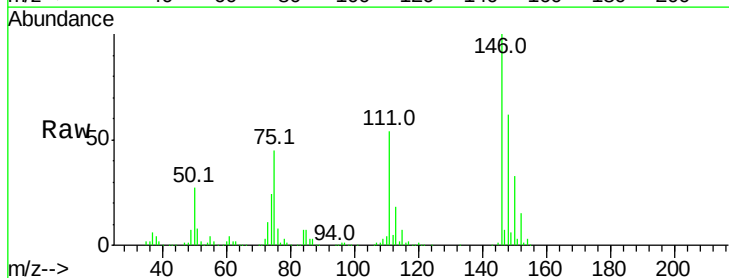
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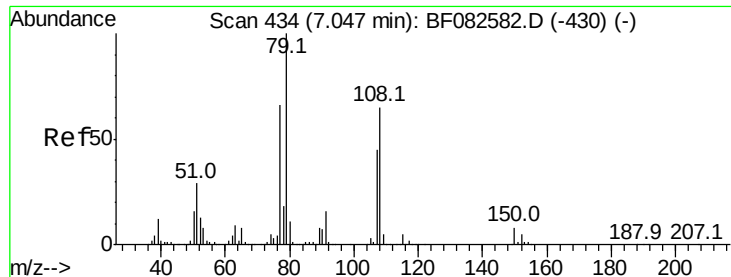
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#14
 1,2-Dichlorobenzene
 Concen: 33.05 ng/mL
 RT: 7.05 min Scan# 434
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.9	52.2	78.4
111	53.7	36.6	55.0





#15

Benzyl Alcohol

Concen: 32.69 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

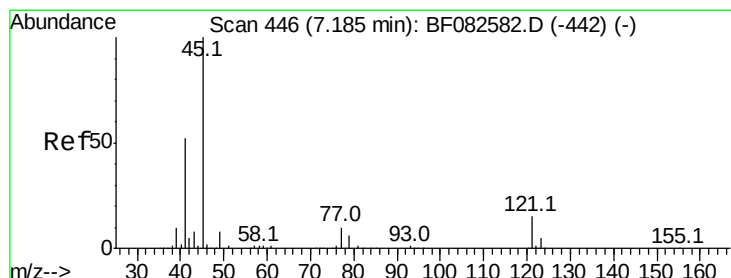
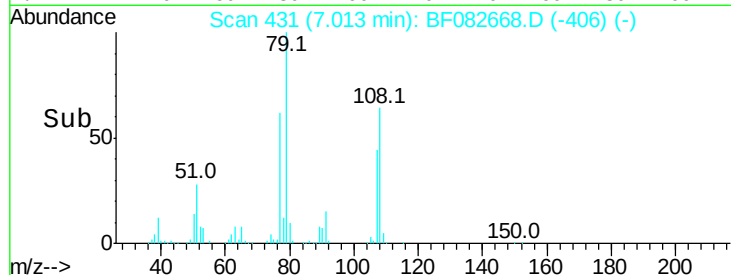
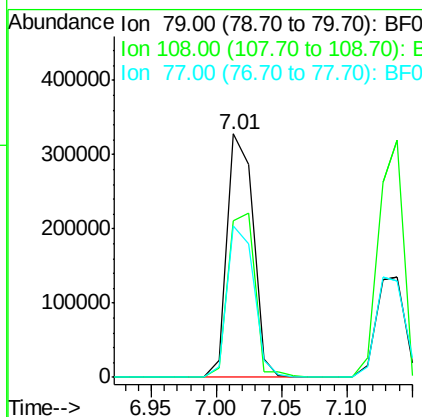
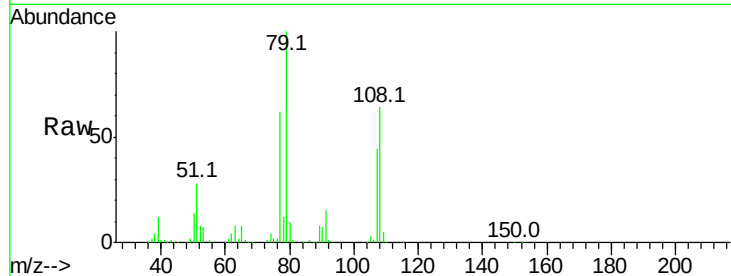
ClientSampleId :

PB86401BS

Tot Ion:	79	Resp:	458403
Ion Ratio	Lower	Upper	
79	100		
108	64.5	52.2	78.4
77	62.3	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 32.44 ng

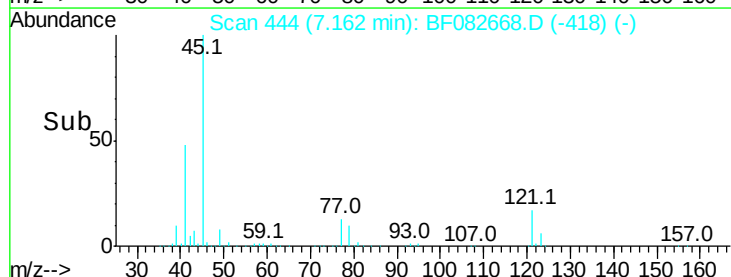
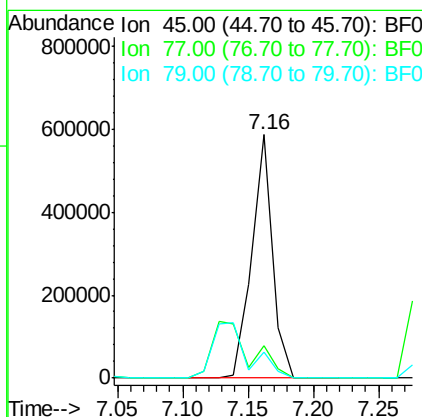
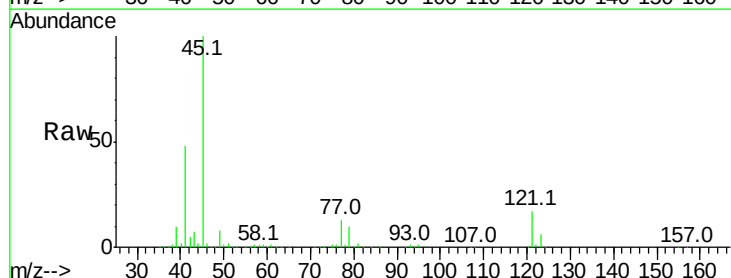
RT: 7.16 min Scan# 444

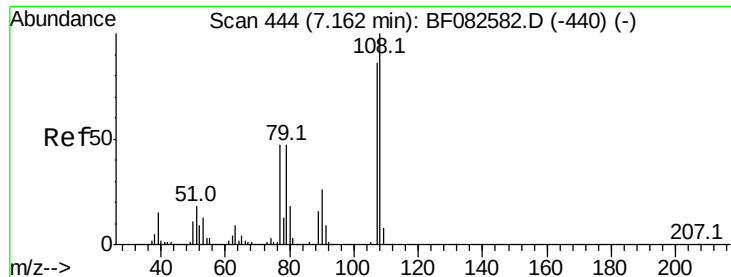
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	45	Resp:	648061
Ion Ratio	Lower	Upper	
45	100		
77	13.3	0.0	32.6
79	10.5	0.0	29.2





#17

2-Methylphenol

Concen: 35.90 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

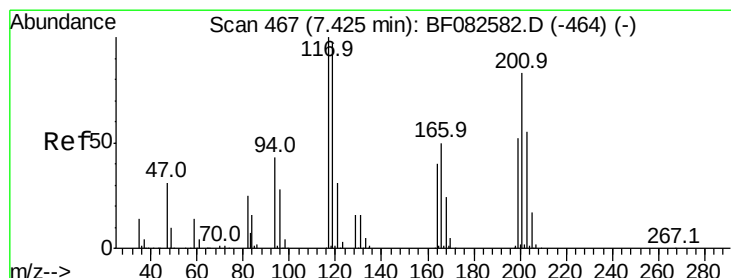
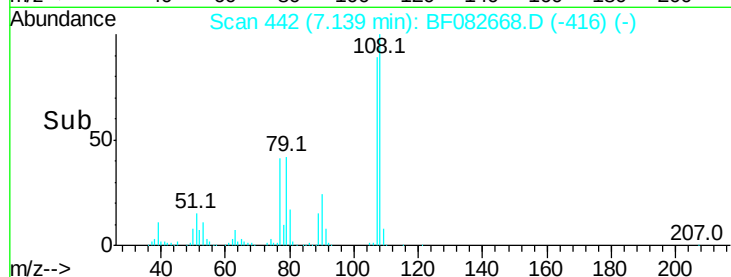
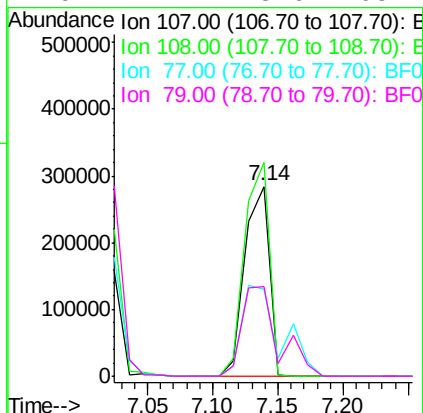
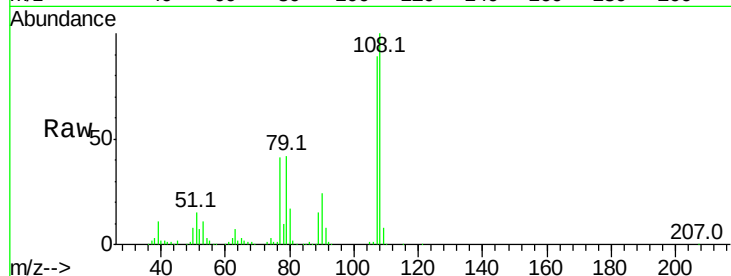
ClientSampleID :

PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	93.0	139.4	
77	45.7	44.1	66.1	
79	47.2	43.6	65.4	

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#18

Hexachloroethane

Concen: 32.26 ng

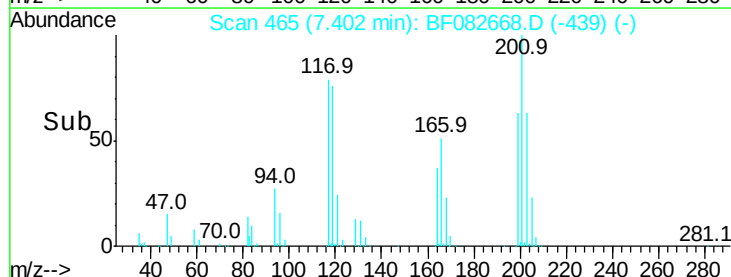
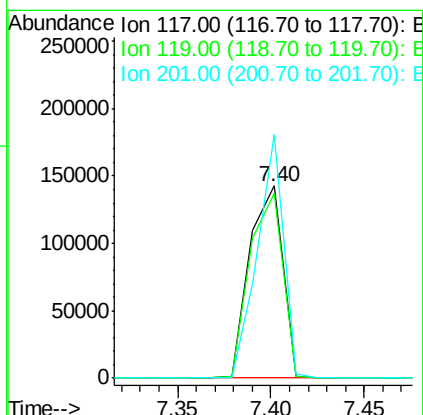
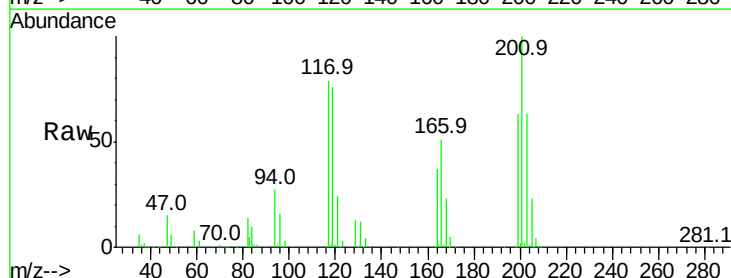
RT: 7.40 min Scan# 465

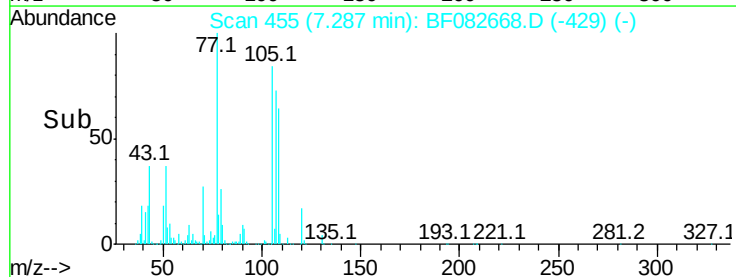
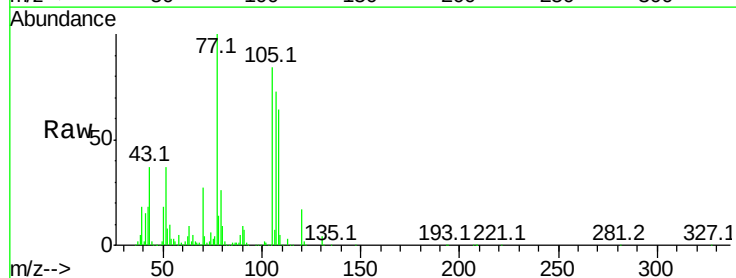
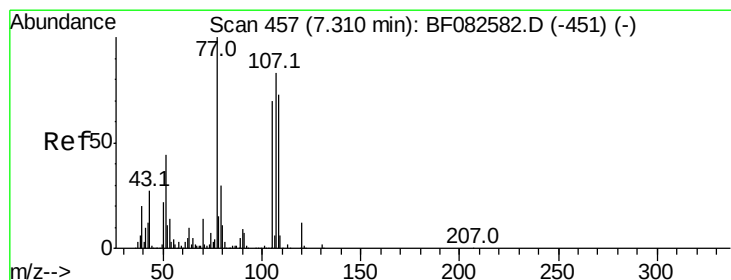
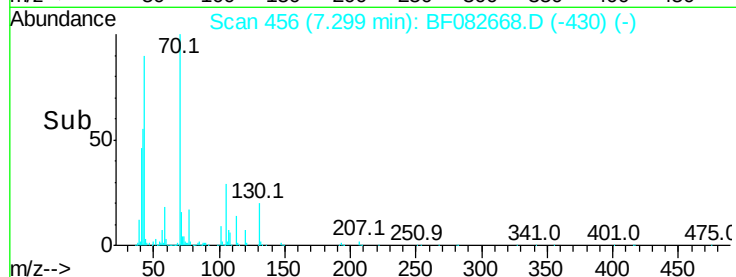
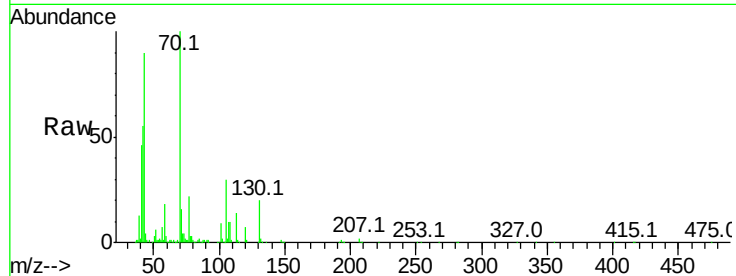
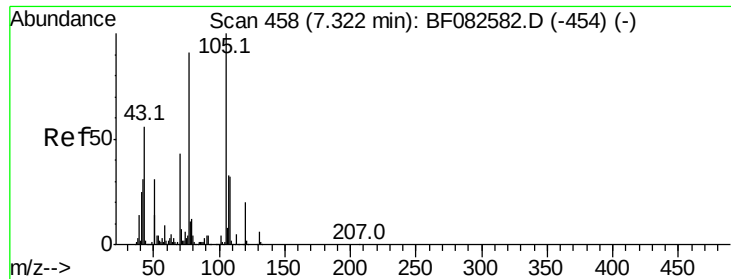
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	77.7	116.5	
201	126.9	66.7	100.1#	





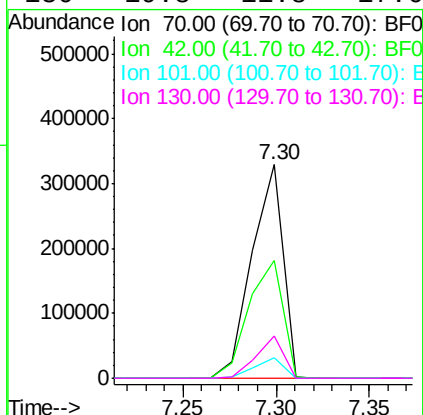
#19
n-Nitroso-di-n-propylamine
Concen: 33.43 ng
RT: 7.30 min Scan# 456
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

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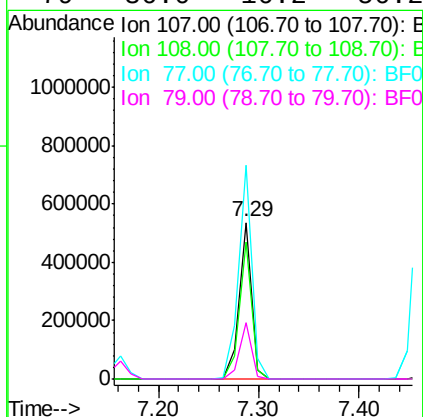
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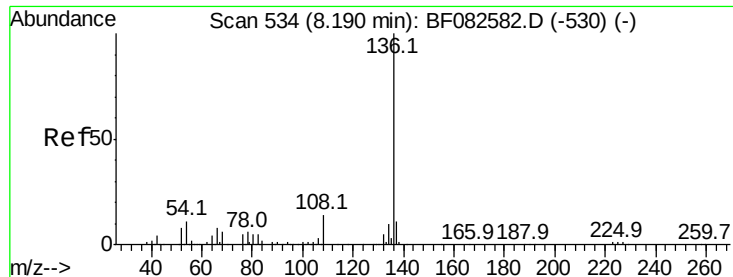
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.0	57.7	86.5#
101	9.4	7.0	10.6
130	19.8	11.8	17.6#



#20
3+4-Methylphenols
Concen: 34.29 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.3	107.3
77	136.3	100.3	140.3
79	36.0	16.2	56.2





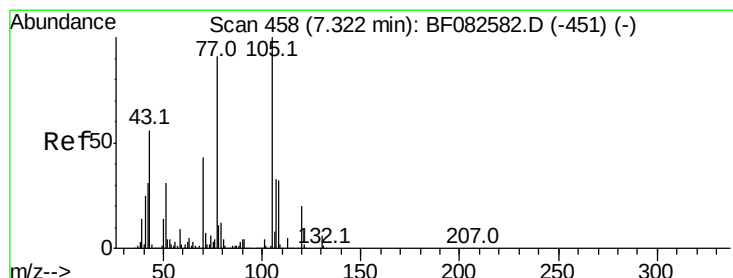
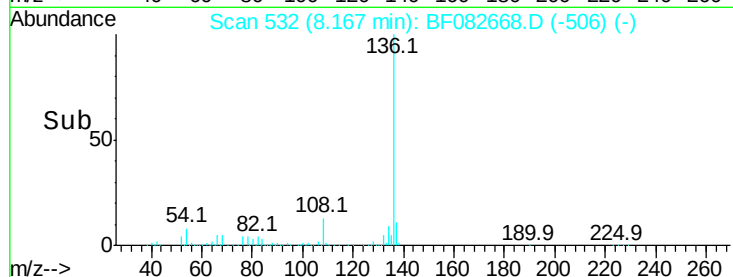
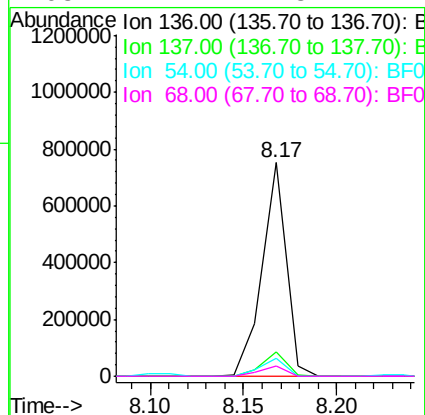
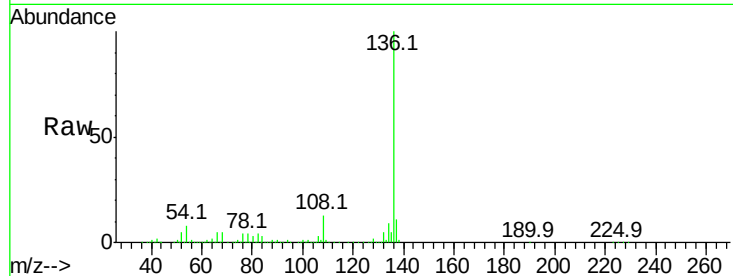
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.2	9.1	13.7
54	8.2	9.1	13.7#
68	4.7	4.8	7.2#

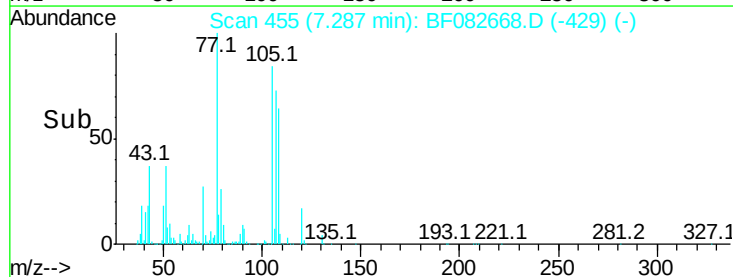
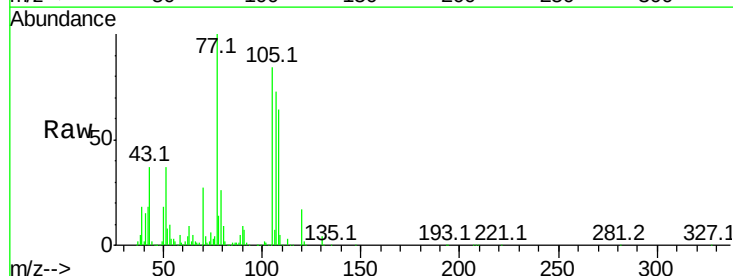
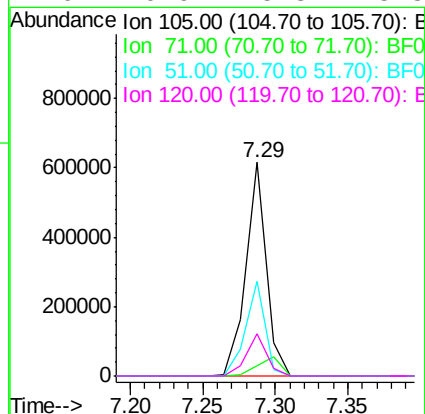
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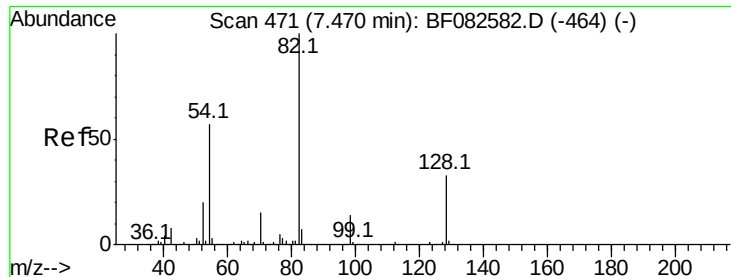
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#22
Acetophenone
Concen: 30.48 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	5.0	5.6	8.4#
51	44.6	24.9	37.3#
120	19.9	15.8	23.8





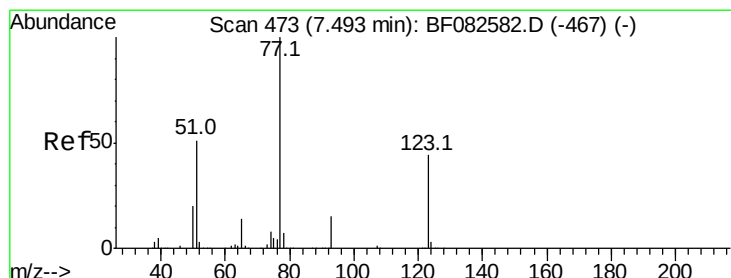
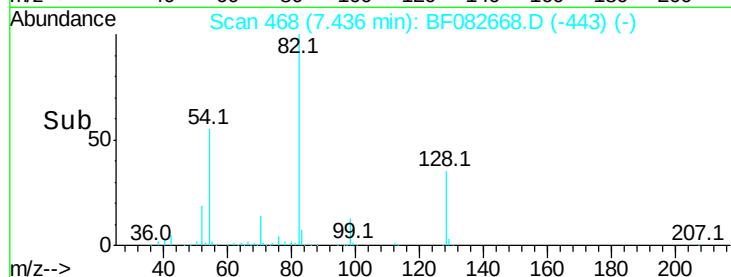
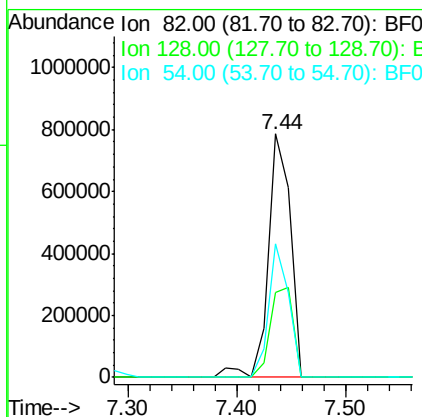
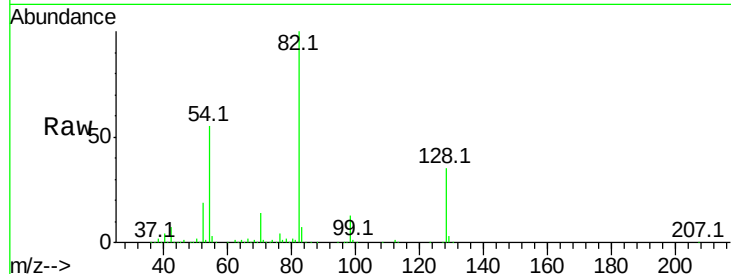
#23
 Nitrobenzene-d5
 Concen: 67.35 ng
 RT: 7.44 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampled :
 PB86401BS

Tot Ion: 82 Resp: 1108141
 Ion Ratio Lower Upper
 82 100
 128 35.1 26.8 40.2
 54 54.7 45.7 68.5

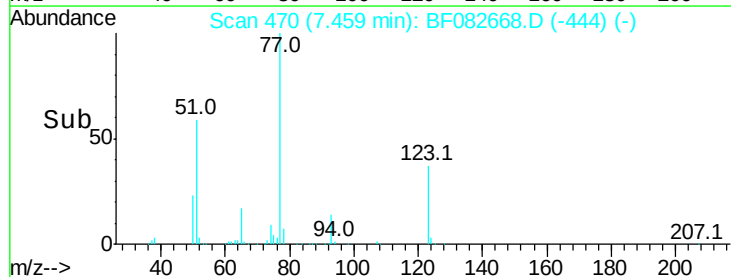
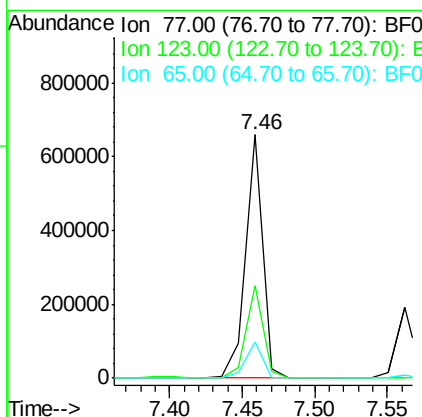
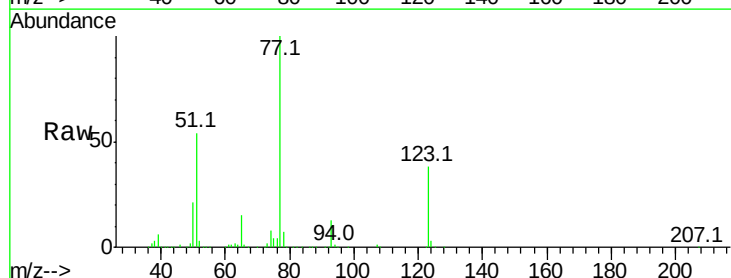
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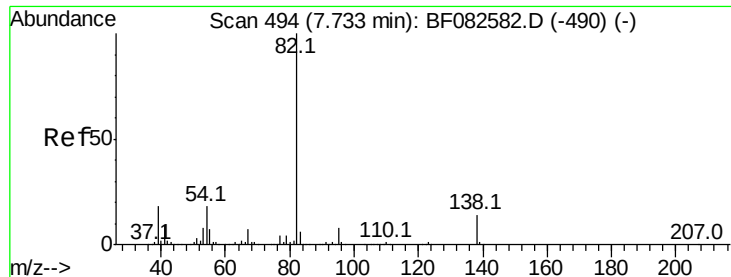
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#24
 Nitrobenzene
 Concen: 32.45 ng
 RT: 7.46 min Scan# 470
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion: 77 Resp: 539784
 Ion Ratio Lower Upper
 77 100
 123 37.9 36.4 54.6
 65 14.9 11.5 17.3





#25

Isophorone

Concen: 30.42 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

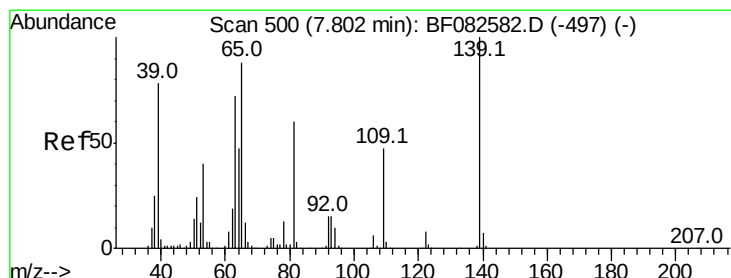
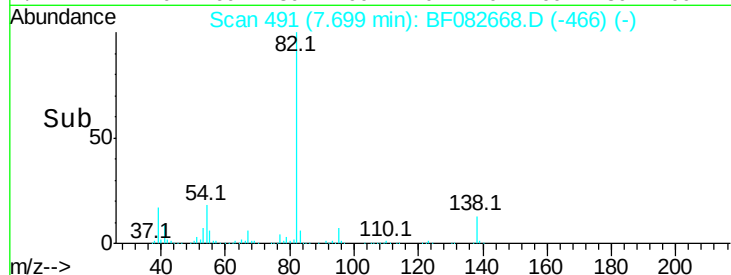
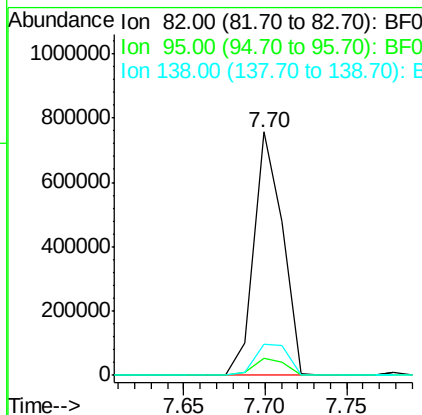
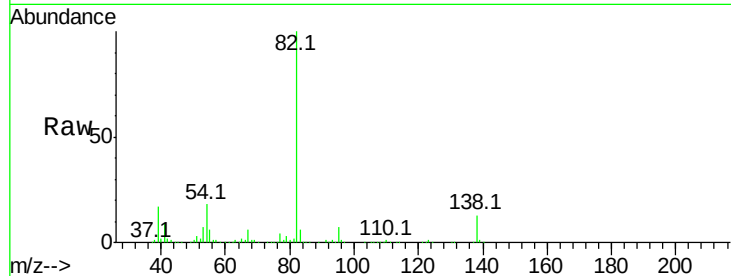
ClientSampleId :

PB86401BS

Tot Ion:	82	Resp:	920881
Ion Ratio	Lower	Upper	
82	100		
95	7.2	6.6	9.8
138	13.0	11.4	17.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 37.93 ng

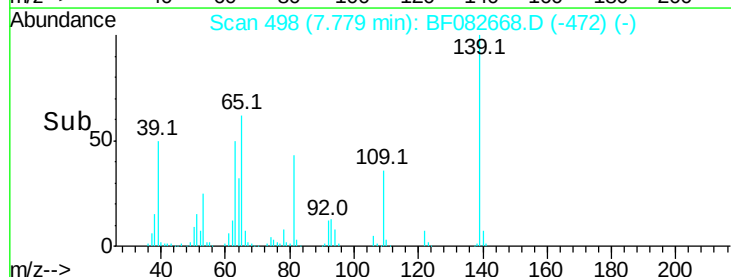
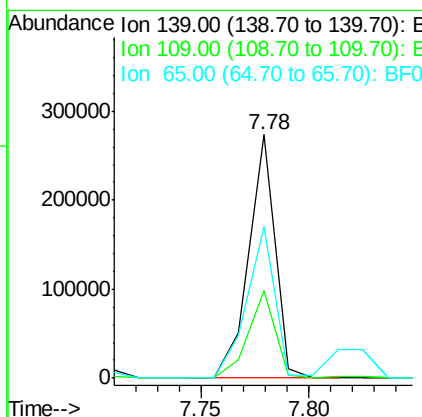
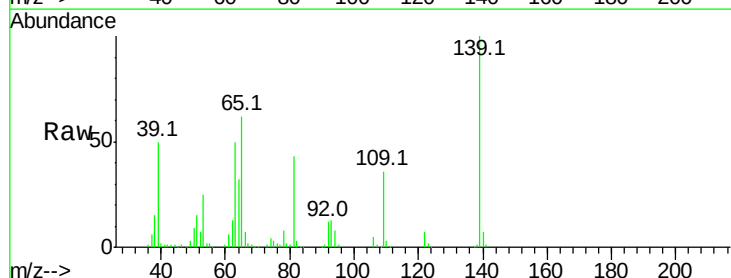
RT: 7.78 min Scan# 498

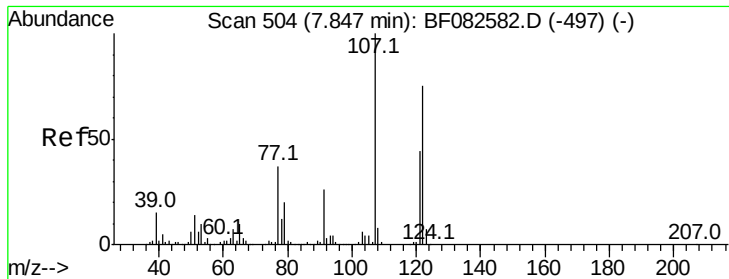
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	139	Resp:	230452
Ion Ratio	Lower	Upper	
139	100		
109	35.8	37.6	56.4#
65	62.2	70.6	105.8#





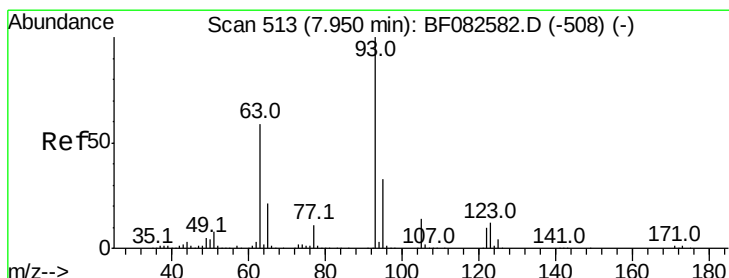
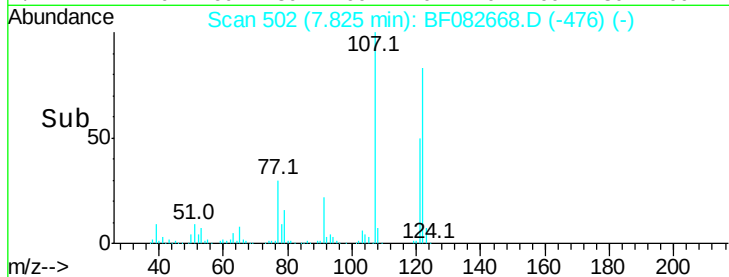
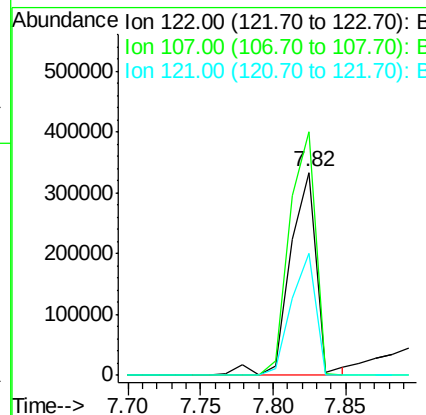
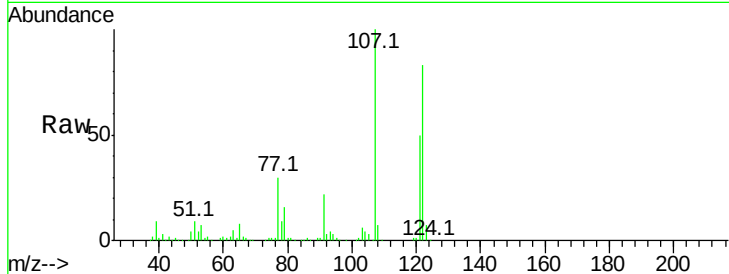
#27
 2,4-Dimethylphenol
 Concen: 35.59 ng
 RT: 7.82 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	119.8	106.0	159.0	
121	60.0	46.7	70.1	

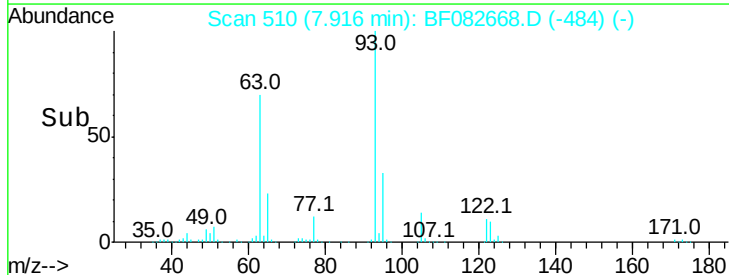
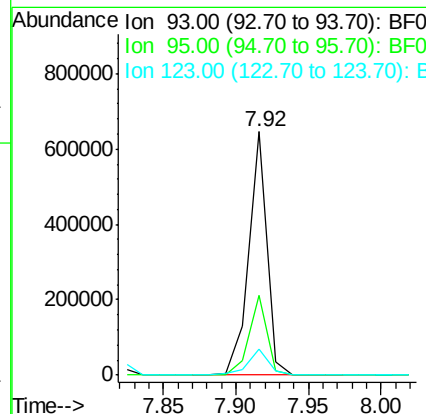
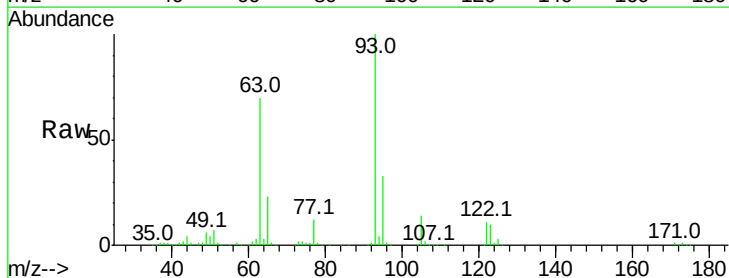
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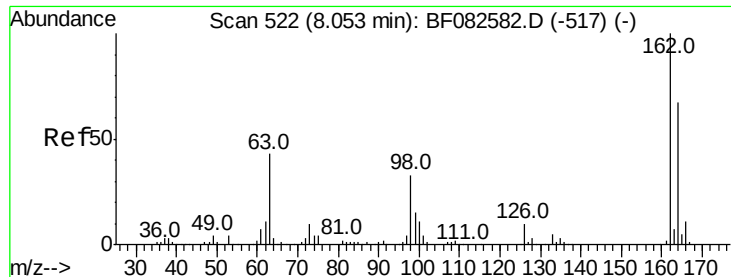
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#28
 bis(2-Chloroethoxy)methane
 Concen: 33.77 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.6	26.6	40.0	
123	10.5	9.7	14.5	





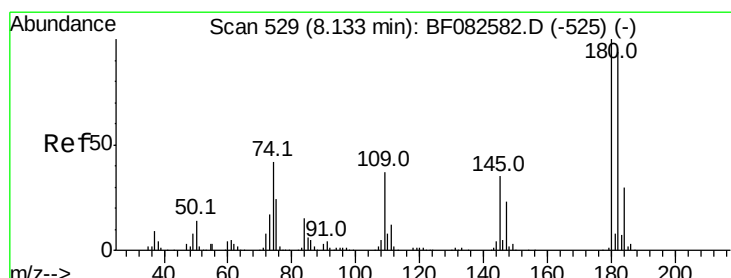
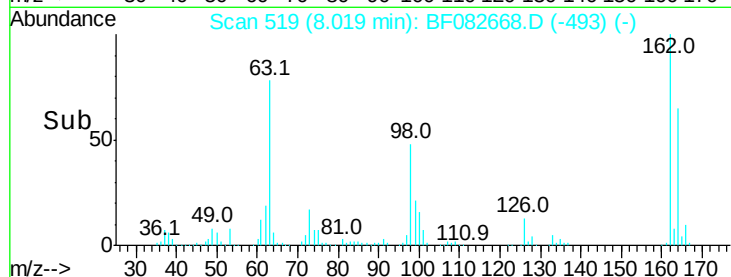
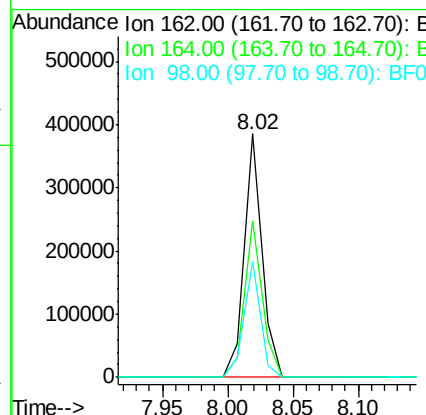
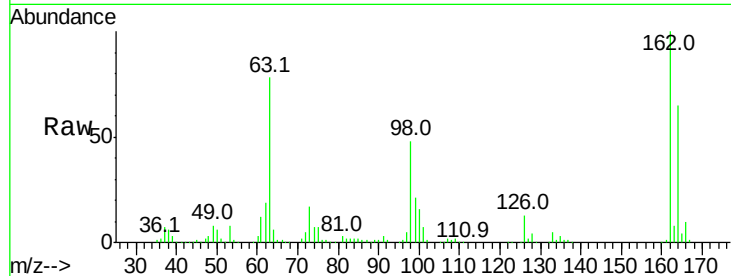
#29
 2,4-Dichlorophenol
 Concen: 33.51 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		362228		
164	64.5	46.8	86.8		
98	47.7	12.5	52.5		

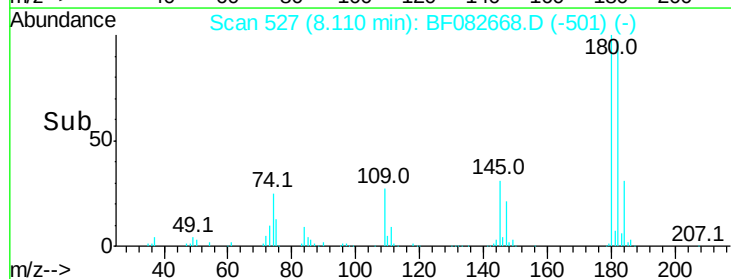
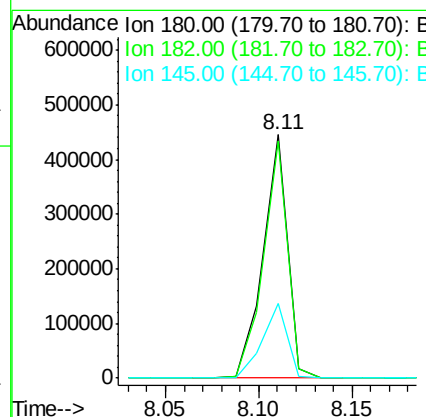
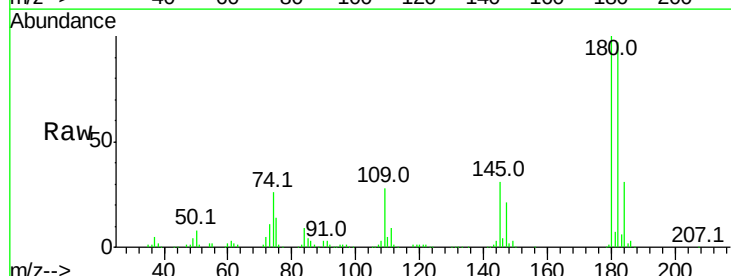
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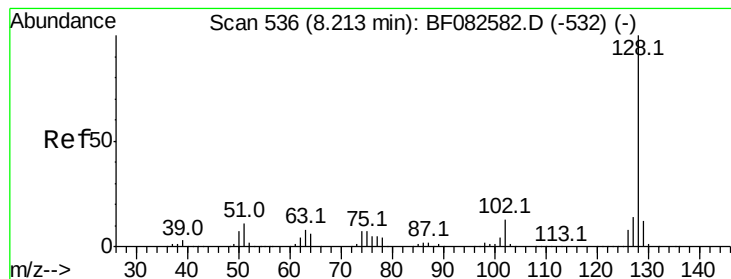
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.16 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		409788		
182	97.4	74.9	112.3		
145	30.6	27.8	41.8		





#31

Naphthalene

Concen: 35.01 ng

RT: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

Tot Ion:128 Resp: 1272737

Ion Ratio Lower Upper

128 100

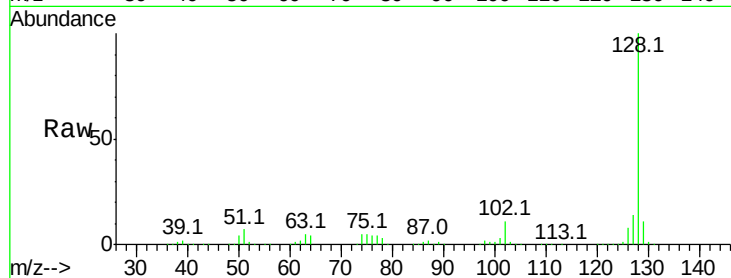
129 11.2 9.5 14.3

127 13.7 11.4 17.0

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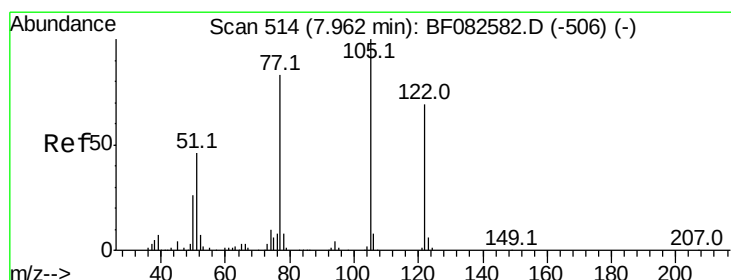
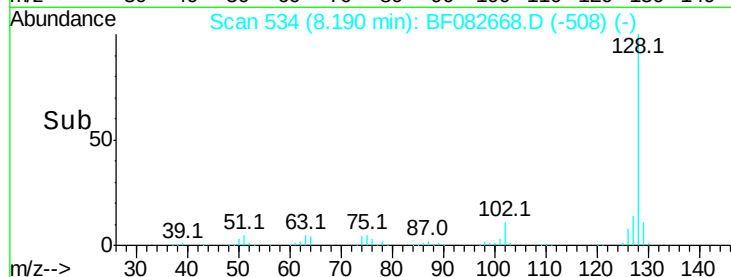
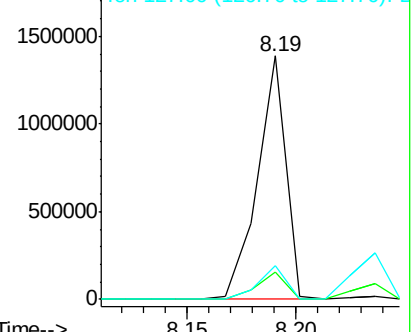
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.89 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

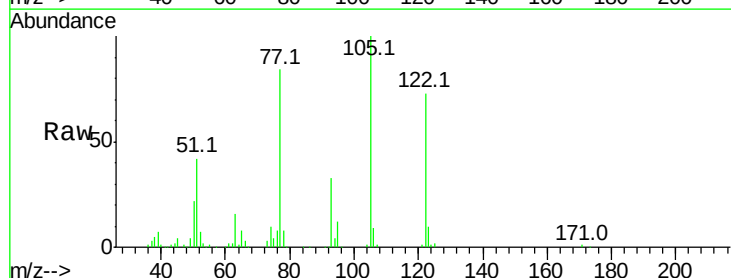
Tgt Ion:122 Resp: 257215

Ion Ratio Lower Upper

122 100

105 136.8 122.6 162.6

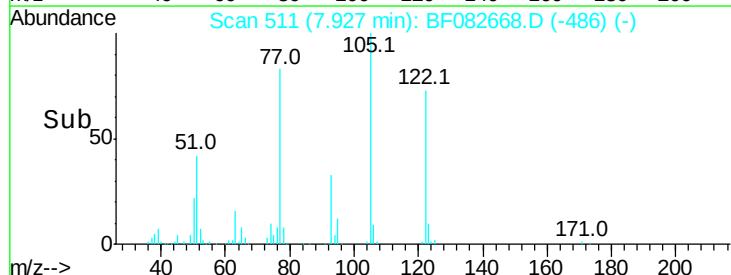
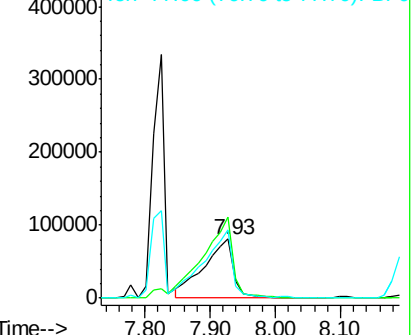
77 114.6 100.9 140.9

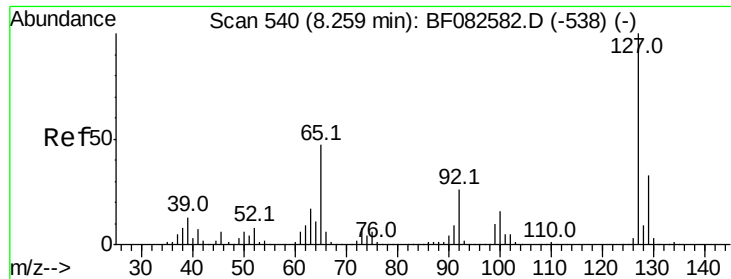


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





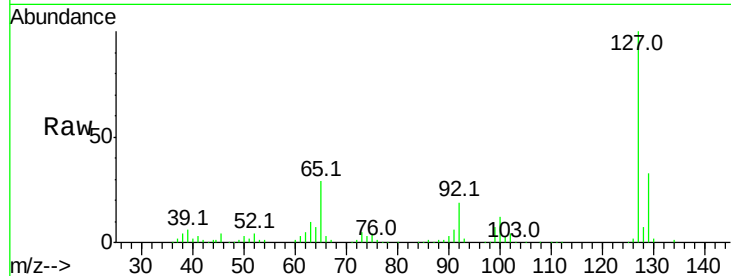
#33
4-Chloroaniline
Concen: 18.78 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

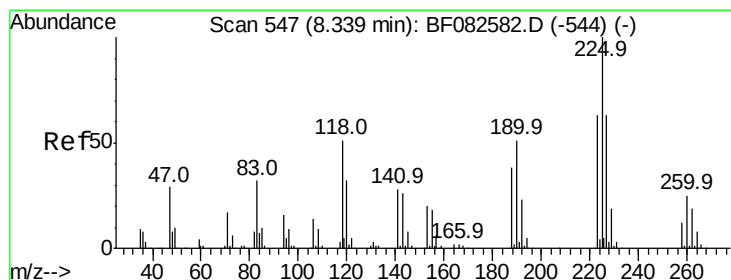
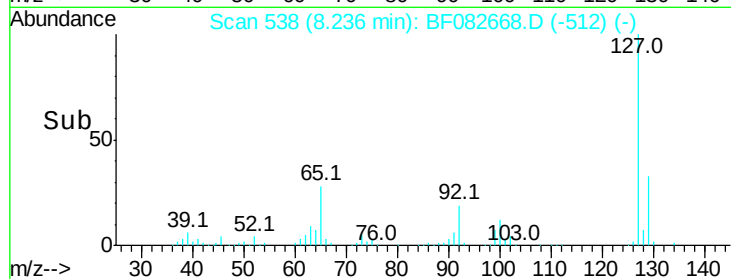
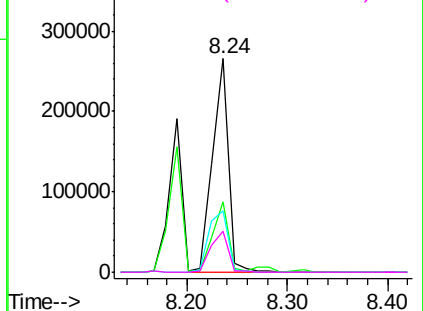
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		291454		
129	32.9	26.3	39.5		
65	28.7	37.8	56.8#		
92	19.0	20.6	31.0#		

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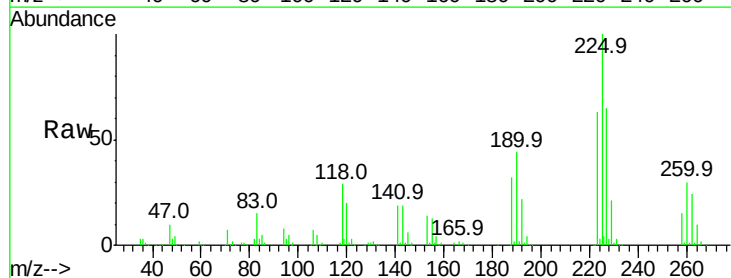


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

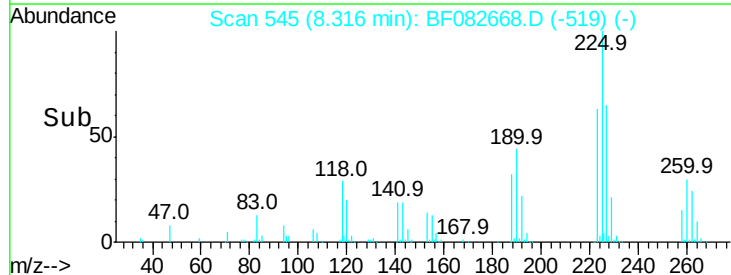
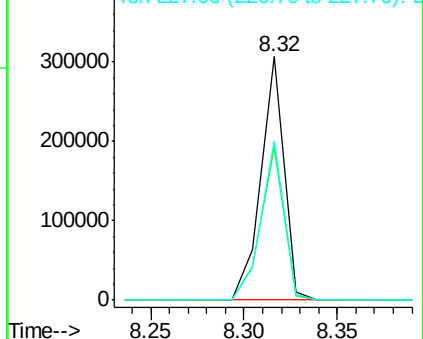


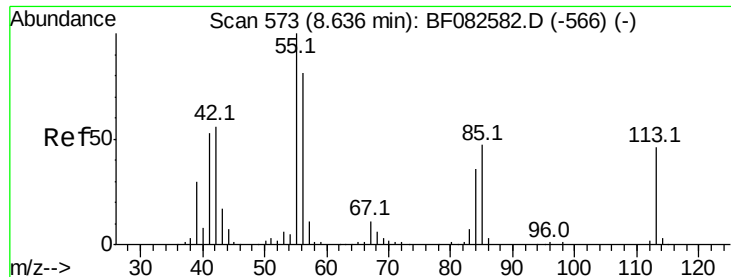
#34
Hexachlorobutadiene
Concen: 34.25 ng
RT: 8.32 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		261312		
223	63.0	50.5	75.7		
227	65.4	50.2	75.2		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 36.74 ng

RT: 8.59 min Scan# 569

Delta R.T. -0.02 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

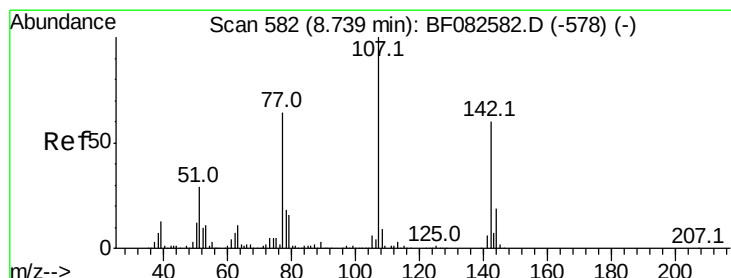
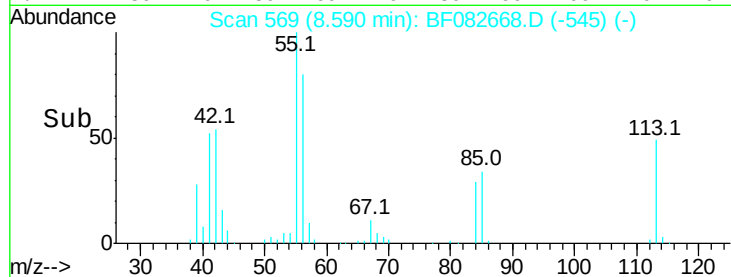
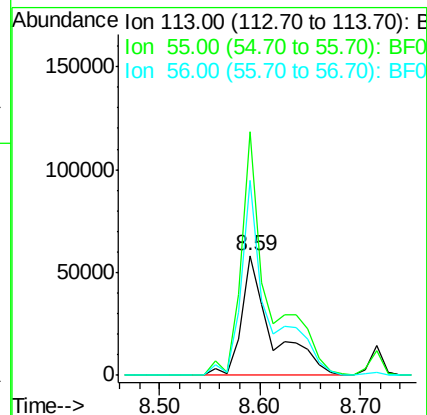
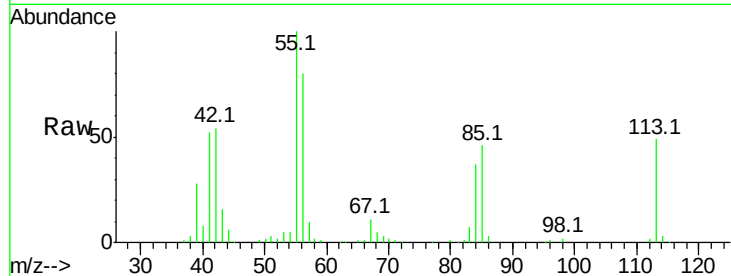
ClientSampleId :

PB86401BS

Tot Ion:	113	Resp:	121850
Ion Ratio	Lower	Upper	
113	100		
55	203.6	195.5	235.5
56	163.3	153.5	193.5

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#36

4-Chloro-3-methylphenol

Concen: 33.26 ng

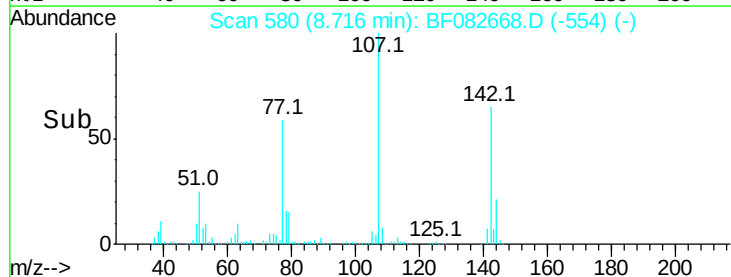
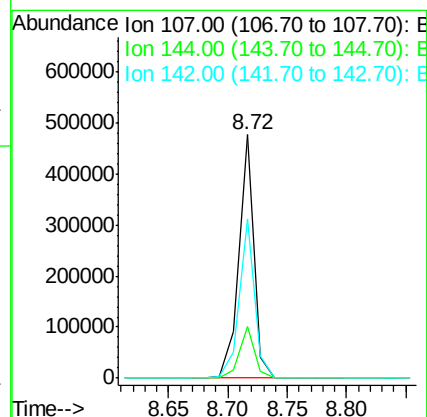
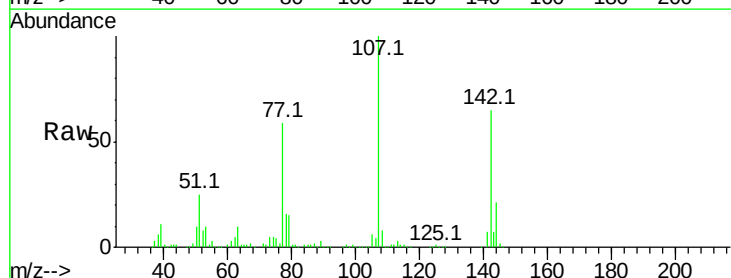
RT: 8.72 min Scan# 580

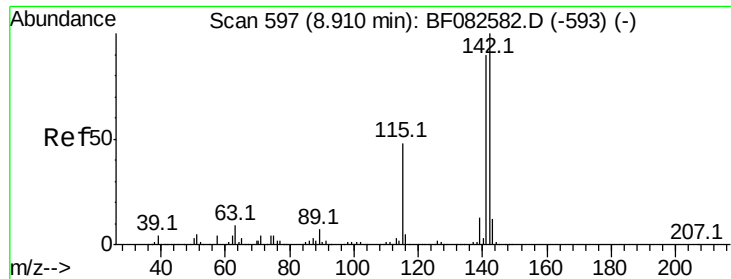
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	107	Resp:	423364
Ion Ratio	Lower	Upper	
107	100		
144	21.0	15.4	23.0
142	65.2	47.8	71.8





#37

2-Methylnaphthalene

Concen: 31.96 ng

RT: 8.88 min Scan# 594

Delta R.T. -0.01 min

Lab File: BF082668.D

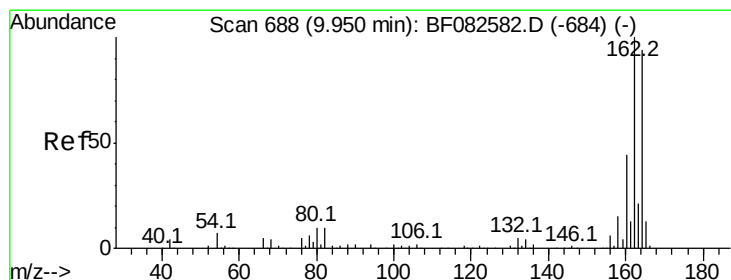
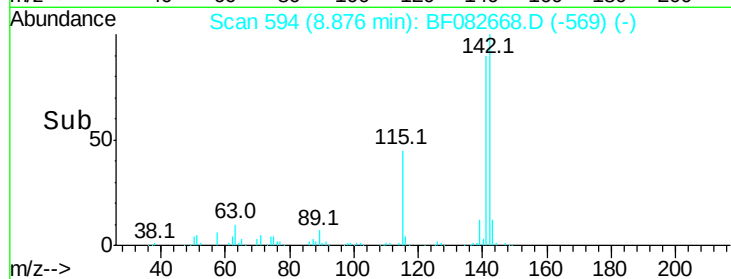
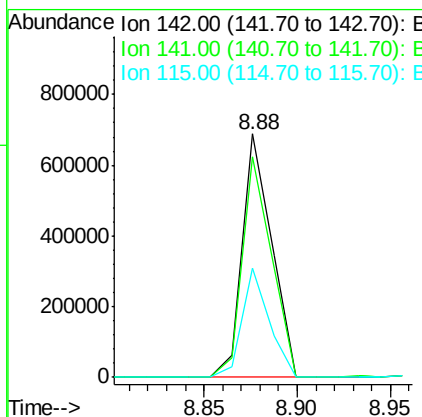
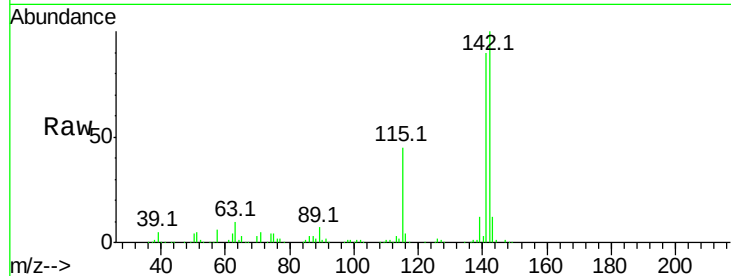
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.3	108.5
115	45.1	38.1	57.1

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#38

Acenaphthene-d10

Concen: 20.00 ng

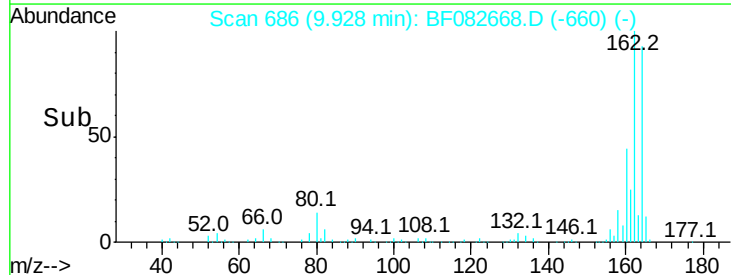
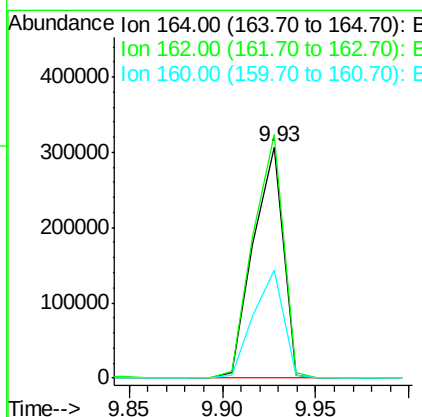
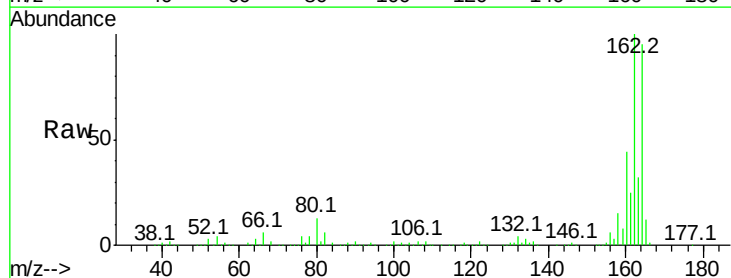
RT: 9.93 min Scan# 686

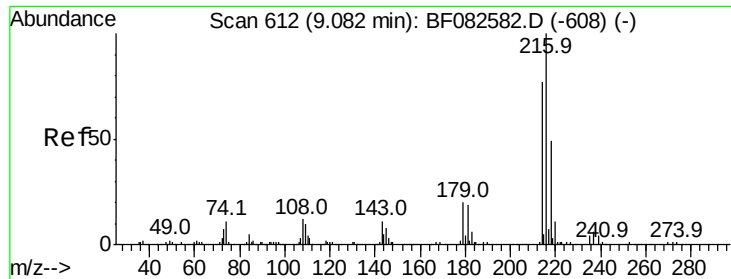
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	84.9	127.3
160	46.7	37.5	56.3





#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.96 ng

RT: 9.05 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

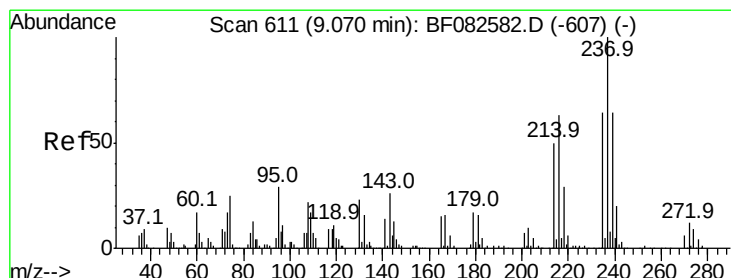
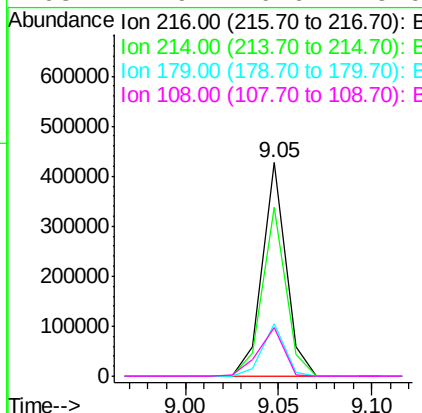
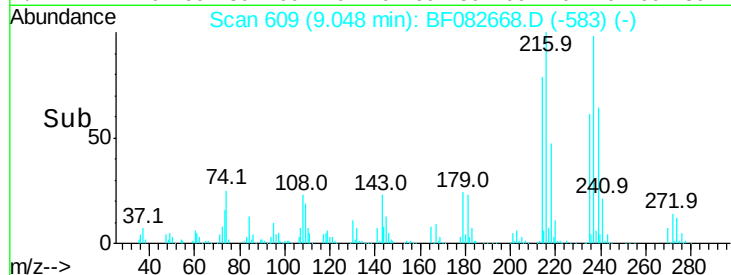
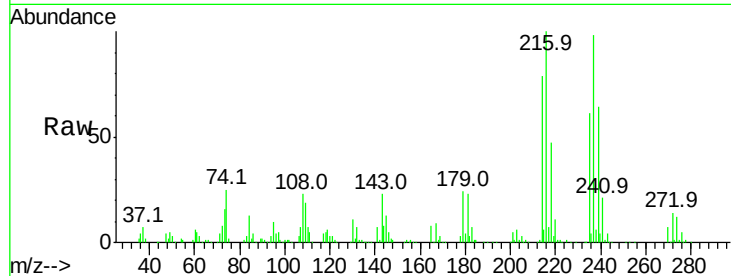
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Tot Ion	Ratio	Resp	Lower	Upper
216	100	374312		
214	78.9	62.2	93.2	
179	23.2	18.1	27.1	
108	24.9	16.6	25.0	



#40

Hexachlorocyclopentadiene

Concen: 71.41 ng

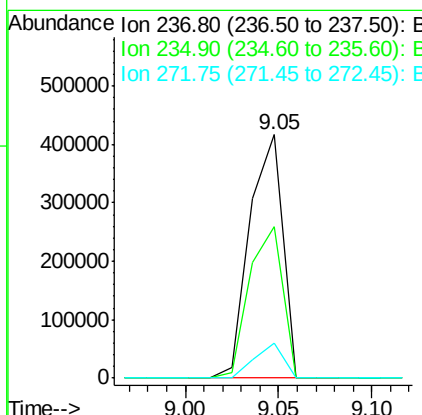
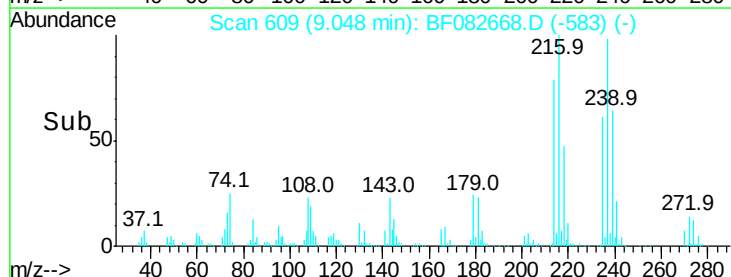
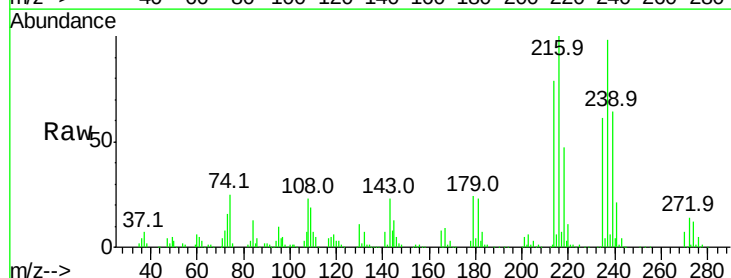
RT: 9.05 min Scan# 609

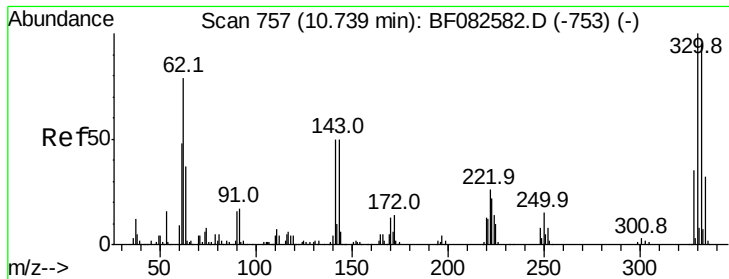
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	509863		
235	62.3	44.3	84.3	
272	14.5	0.0	31.9	





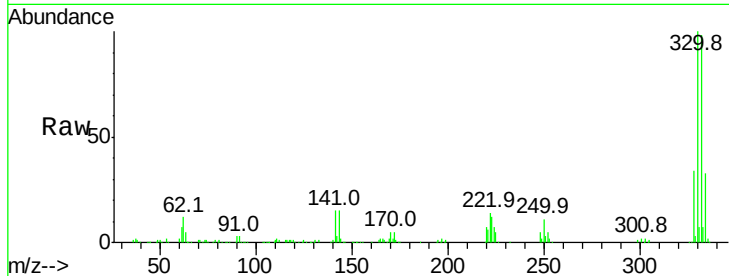
#41
 2,4,6-Tribromophenol
 Concen: 129.16 ng
 RT: 10.72 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

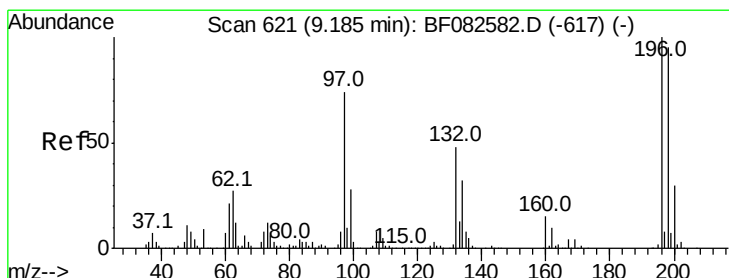
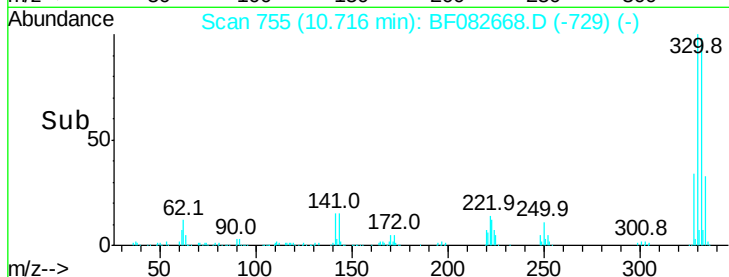
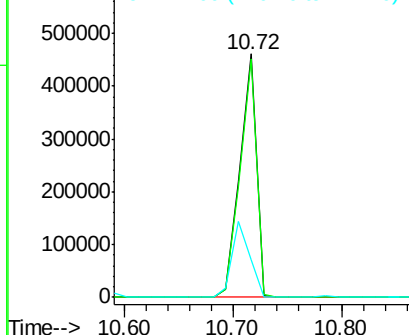
Tot Ion	Ratio	Resp	Lower	Upper
330	100	481109		
332	97.1	76.6	114.8	
141	33.4	41.2	61.8#	

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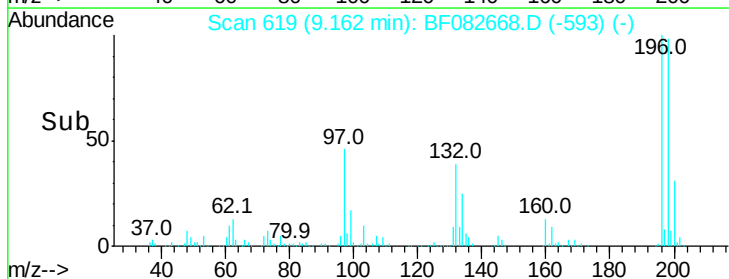
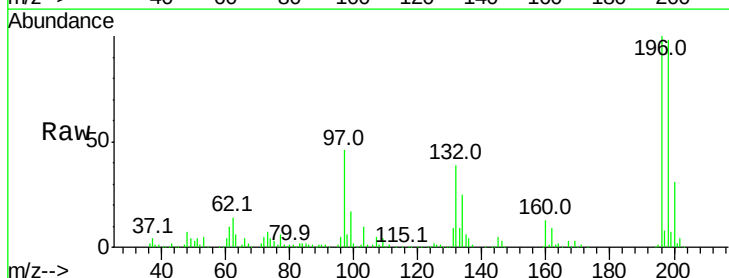
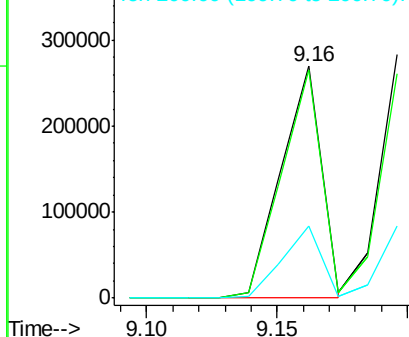
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

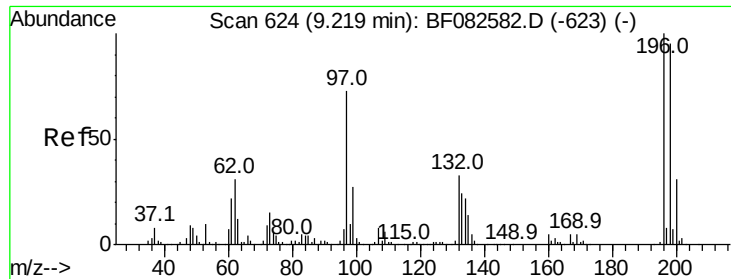


#42
 2,4,6-Trichlorophenol
 Concen: 35.17 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	288414		
198	98.4	76.3	114.5	
200	30.9	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





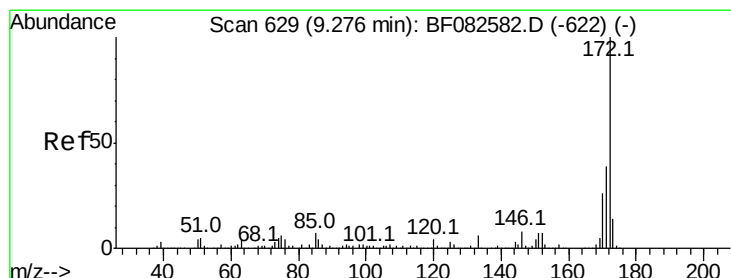
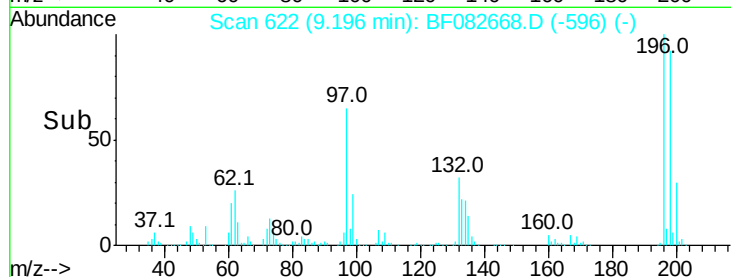
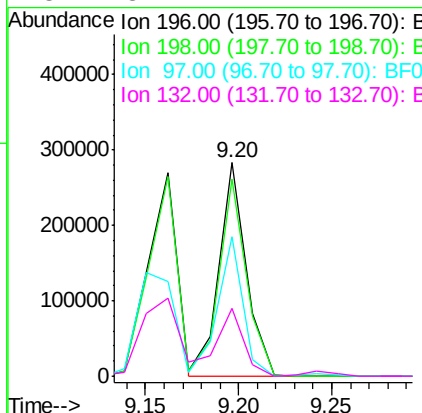
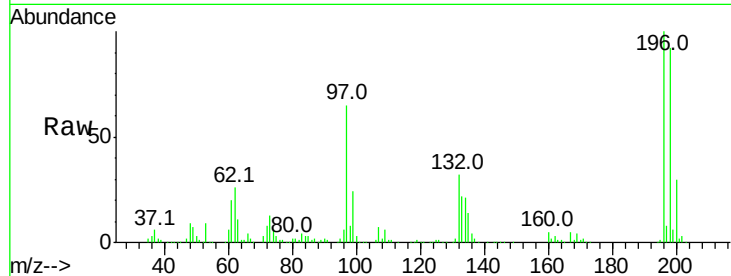
#43
 2,4,5-Trichlorophenol
 Concen: 35.39 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion:	196	Resp:	289181
Ion Ratio	Lower	Upper	
196	100		
198	92.4	75.8	113.8
97	65.2	62.3	93.5
132	31.7	27.4	41.2

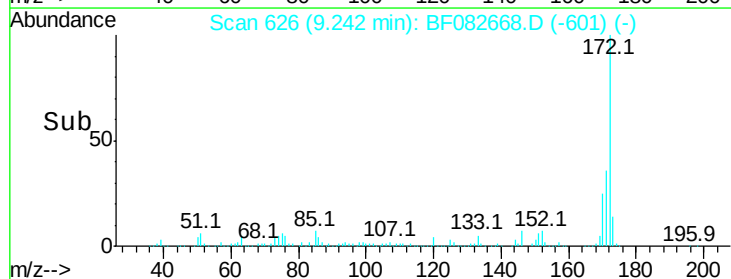
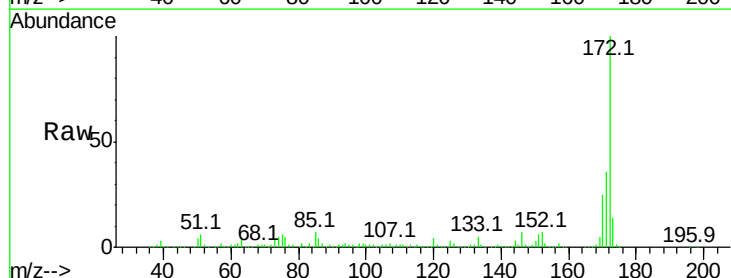
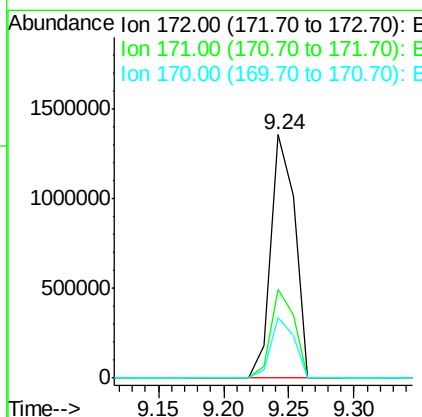
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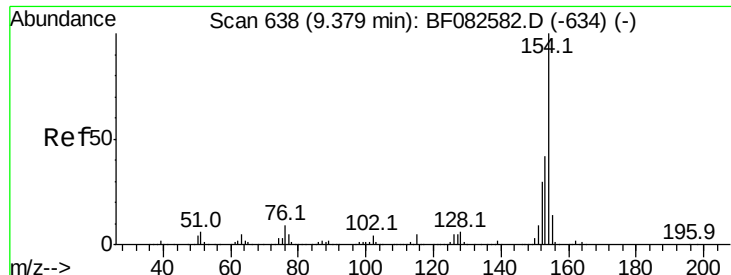
Mmdadoda
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#44
 2-Fluorobiphenyl
 Concen: 73.18 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:	172	Resp:	1754278
Ion Ratio	Lower	Upper	
172	100		
171	36.4	30.8	46.2
170	25.0	21.2	31.8





#45

1,1'-Biphenyl

Concen: 34.08 ng

RT: 9.34 min Scan# 635

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

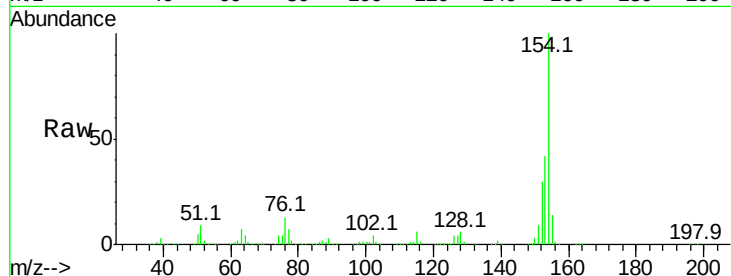
ClientSampleId :

PB86401BS

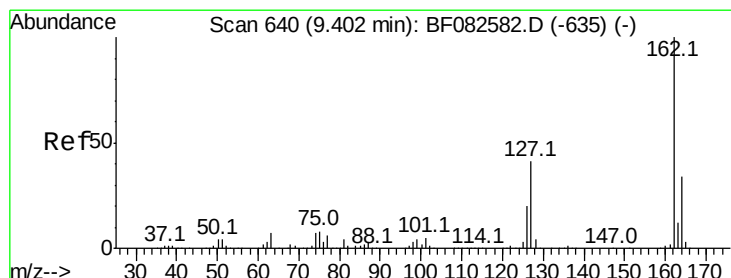
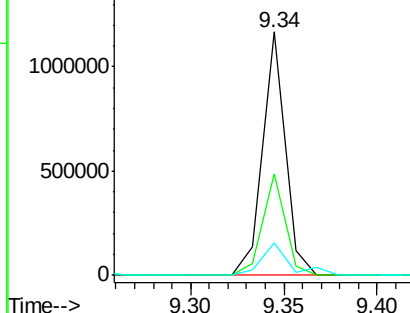
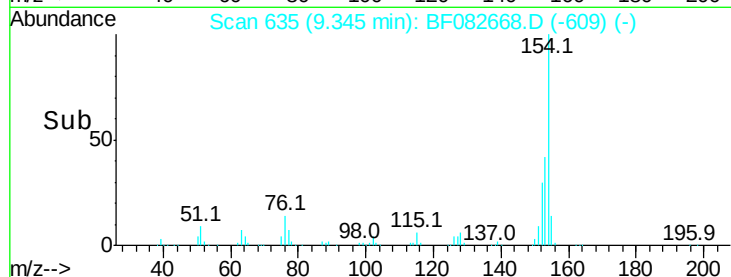
Tot Ion:	154	Resp:	979753
Ion Ratio	Lower	Upper	
154	100		
153	41.7	22.0	62.0
76	13.5	0.0	29.0

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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): BF0



#46

2-Chloronaphthalene

Concen: 34.14 ng

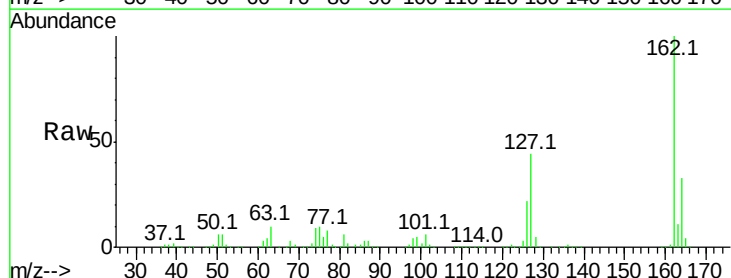
RT: 9.37 min Scan# 637

Delta R.T. 0.00 min

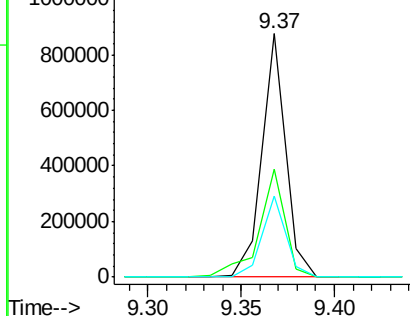
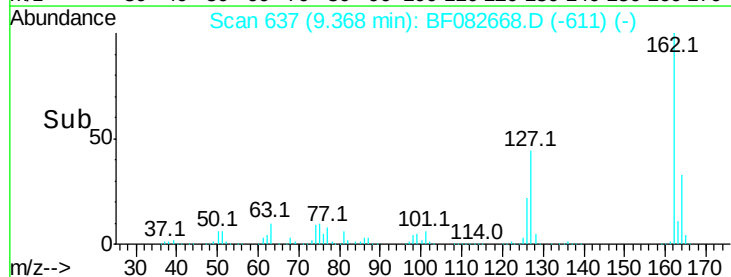
Lab File: BF082668.D

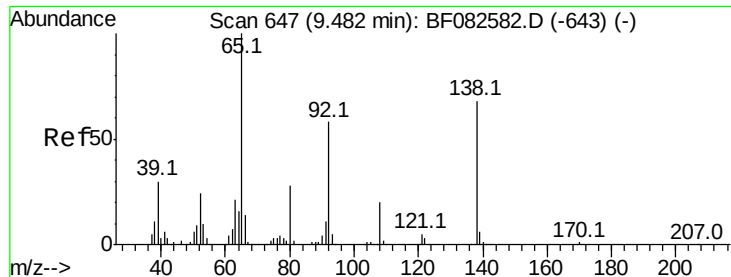
Acq: 3 Nov 2015 18:50

Tgt Ion:	162	Resp:	766463
Ion Ratio	Lower	Upper	
162	100		
127	44.2	32.7	49.1
164	33.3	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: 37.15 ng

RT: 9.46 min Scan# 645

Delta R.T. 0.00 min

Lab File: BF082668.D

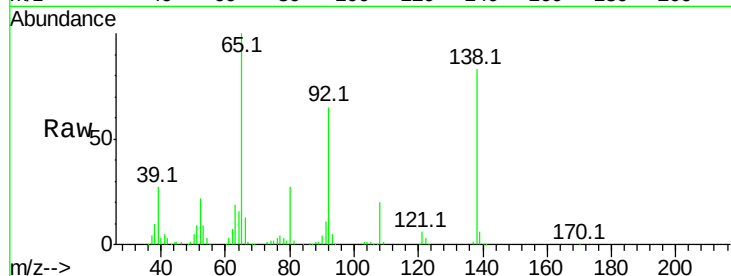
Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

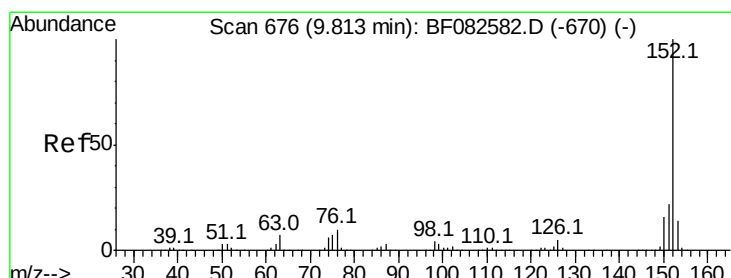
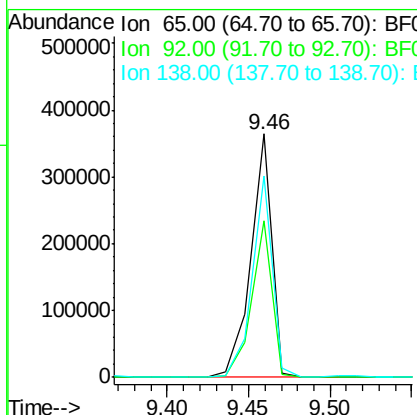
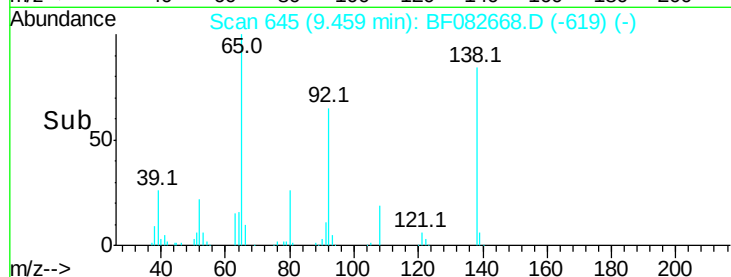


Tot Ion: 65 Resp: 324187

Ion	Ratio	Lower	Upper
65	100		
92	64.5	46.6	70.0
138	82.9	54.6	81.8

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#48

Acenaphthylene

Concen: 33.68 ng

RT: 9.78 min Scan# 673

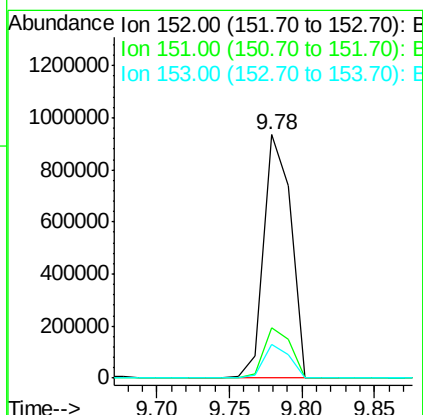
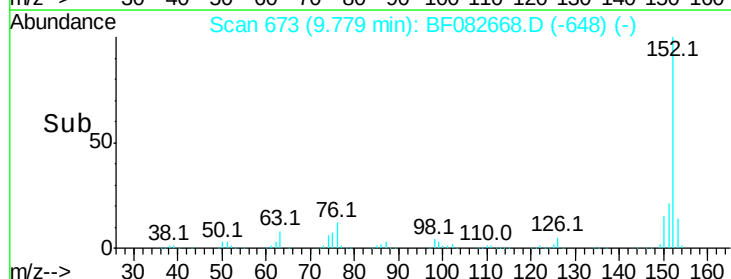
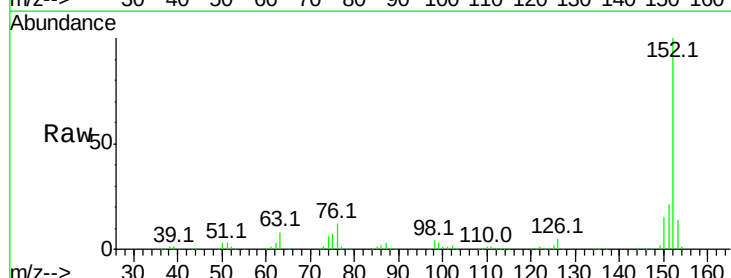
Delta R.T. -0.01 min

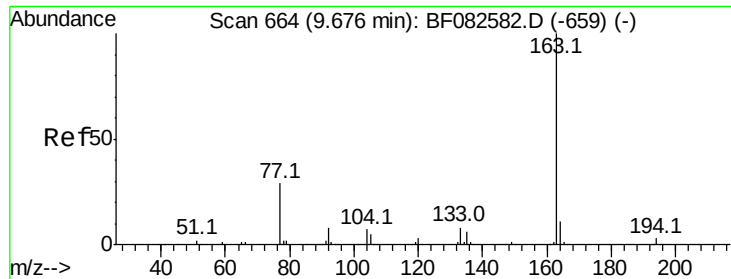
Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion: 152 Resp: 1209546

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.3	25.9
153	13.8	11.3	16.9





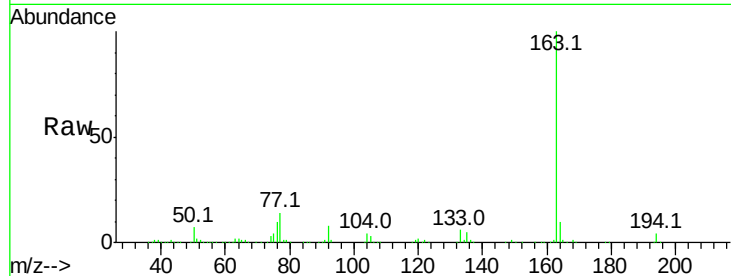
#49
Dimethylphthalate
Concen: 35.08 ng
RT: 9.65 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

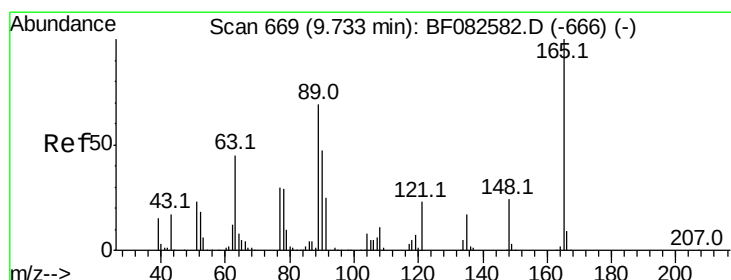
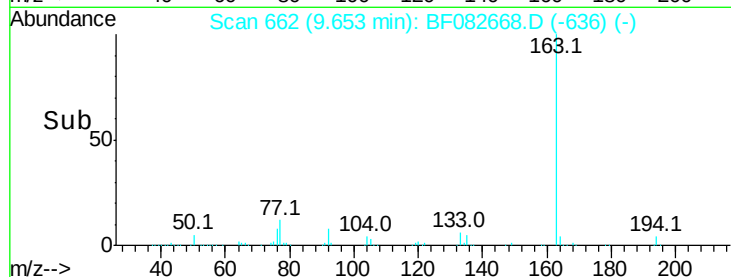
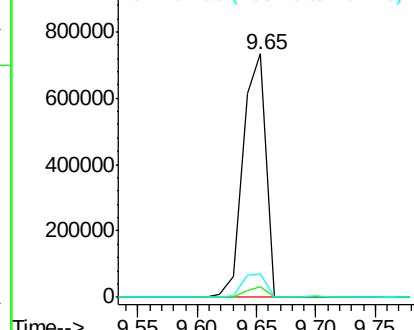
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.3	2.6	4.0	
164	9.6	8.7	13.1	

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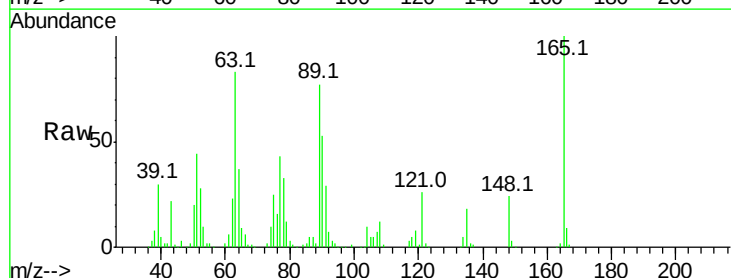


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

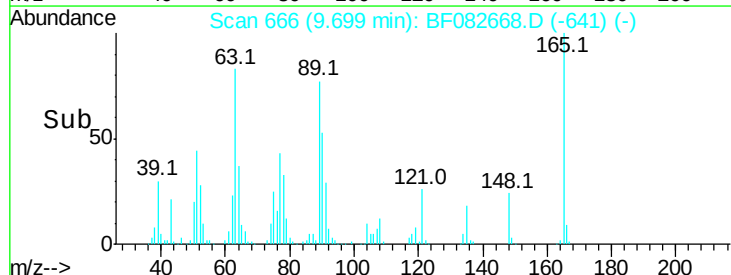
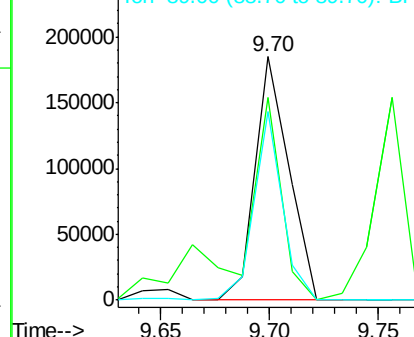


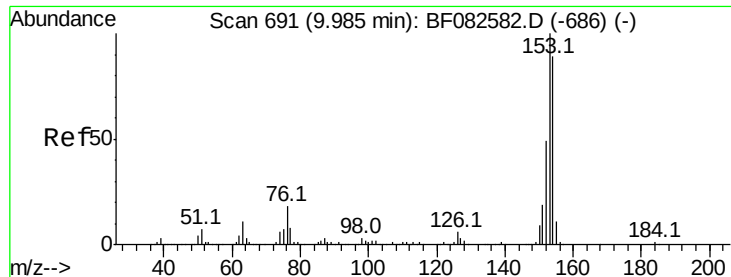
#50
2,6-Dinitrotoluene
Concen: 34.70 ng
RT: 9.70 min Scan# 666
Delta R.T. -0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	83.1	55.5	83.3	
89	77.3	55.0	82.6	



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.66 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

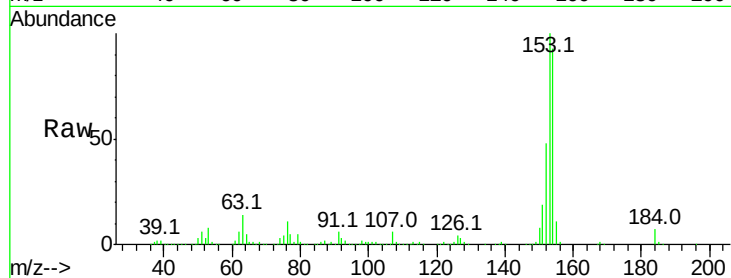
ClientSampleId :

PB86401BS

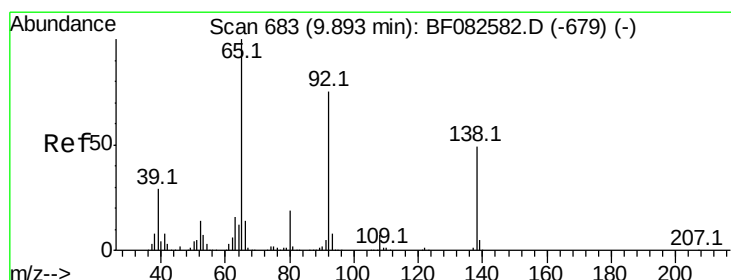
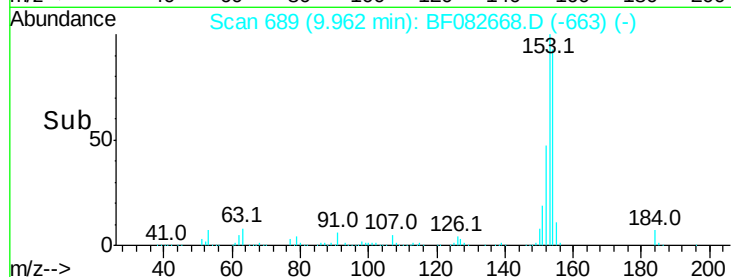
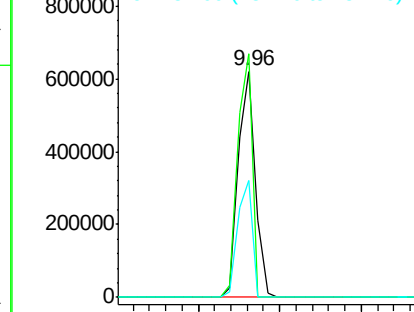
Tot Ion:	154	Resp:	903956
Ion Ratio	Lower	Upper	
154	100		
153	107.9	90.1	135.1
152	51.7	44.3	66.5

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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: 23.97 ng

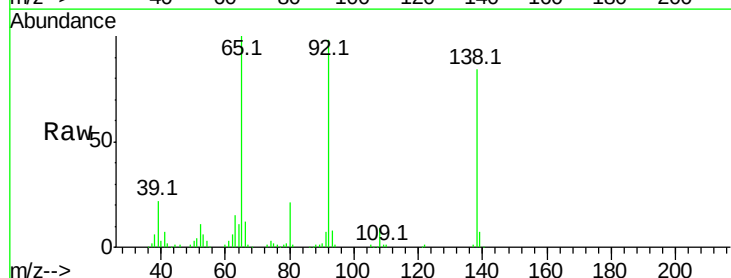
RT: 9.87 min Scan# 681

Delta R.T. 0.00 min

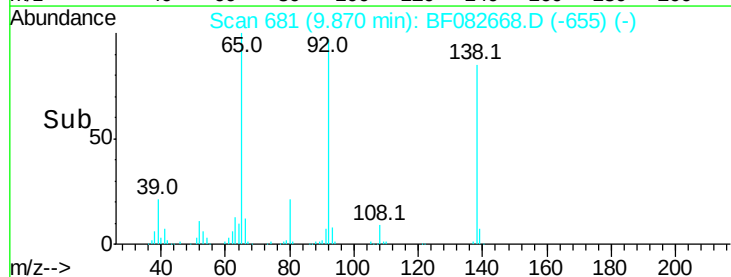
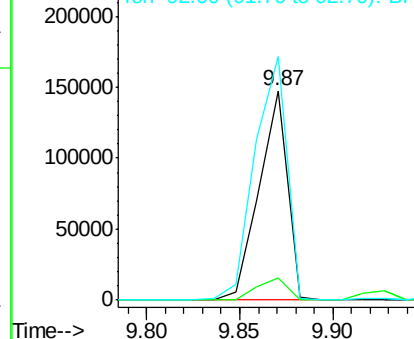
Lab File: BF082668.D

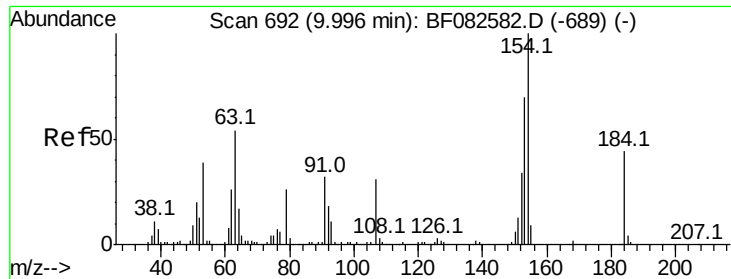
Acq: 3 Nov 2015 18:50

Tgt Ion:	138	Resp:	153624
Ion Ratio	Lower	Upper	
138	100		
108	10.4	11.3	16.9#
92	116.4	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: 77.78 ng

RT: 9.97 min Scan# 690

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

ClientSampleId :

PB86401BS

Tot Ion:184 Resp: 238118
Ion Ratio Lower Upper

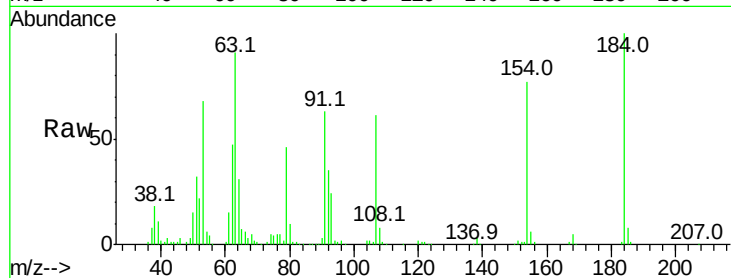
184 100

63 91.0 98.6 148.0#

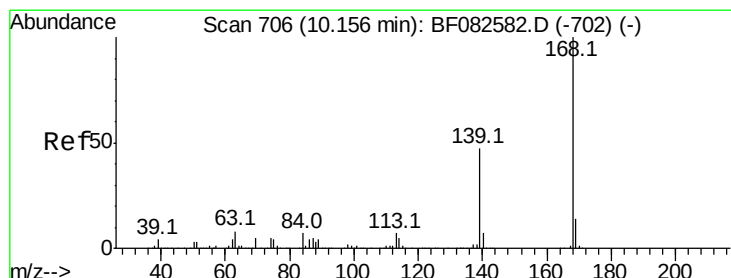
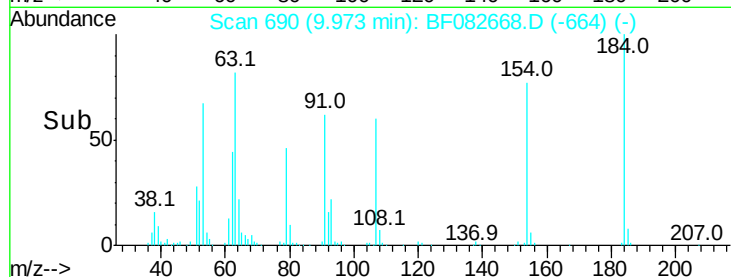
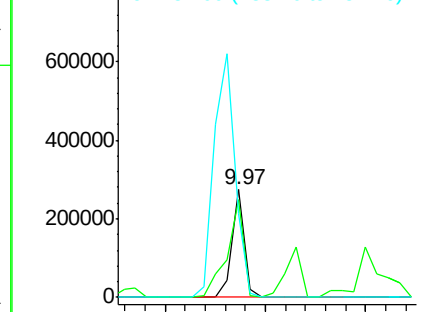
154 77.5 183.9 275.9#

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



#54

Dibenzofuran

Concen: 37.32 ng

RT: 10.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF082668.D

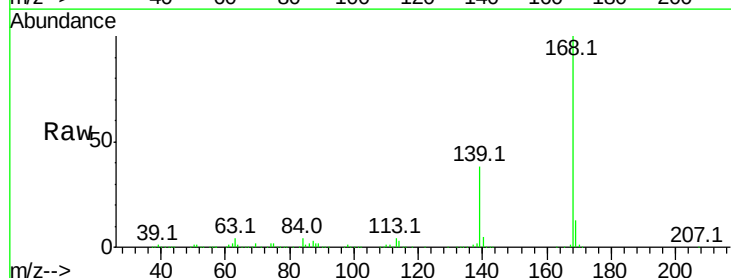
Acq: 3 Nov 2015 18:50

Tgt Ion:168 Resp: 1154257
Ion Ratio Lower Upper

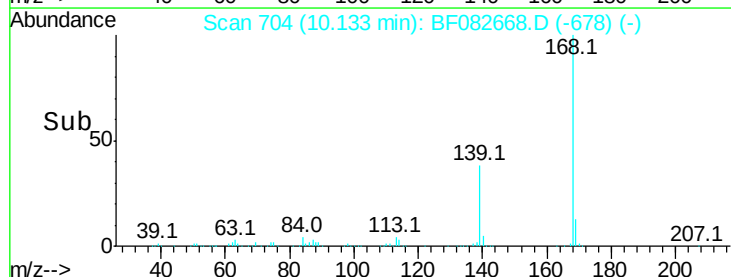
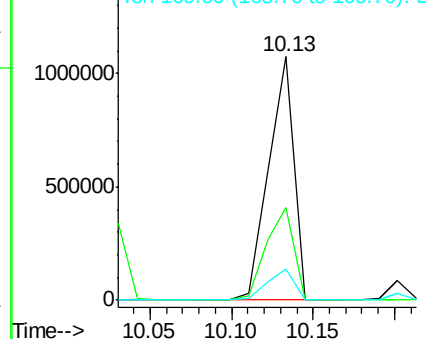
168 100

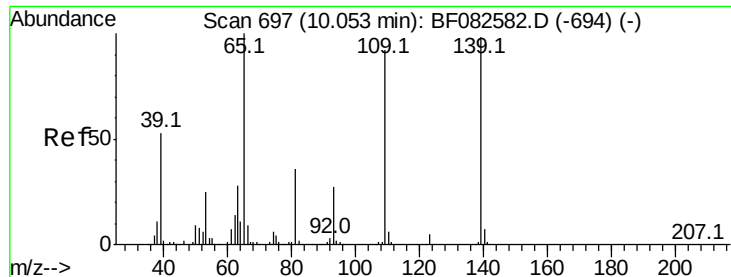
139 37.9 37.8 56.6

169 13.0 11.3 16.9



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





#55

4-Nitrophenol

Concen: 72.26 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

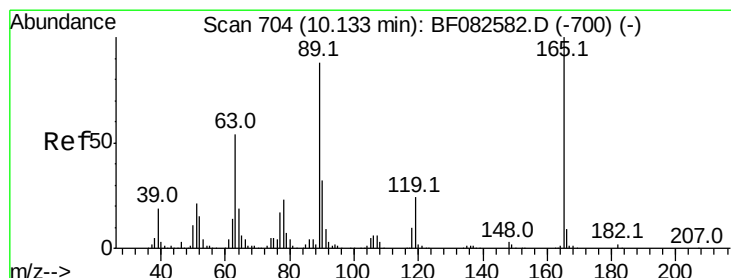
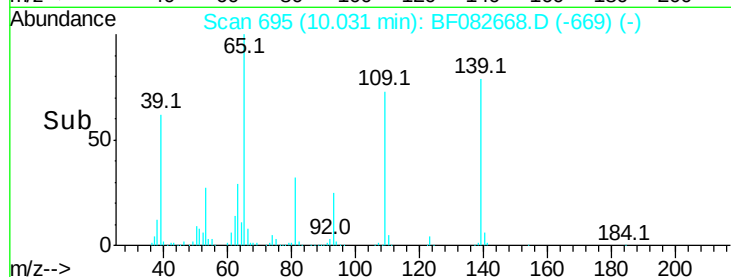
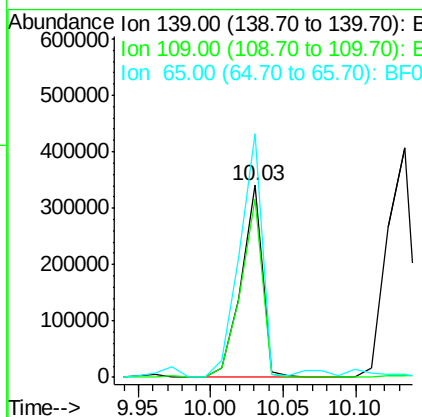
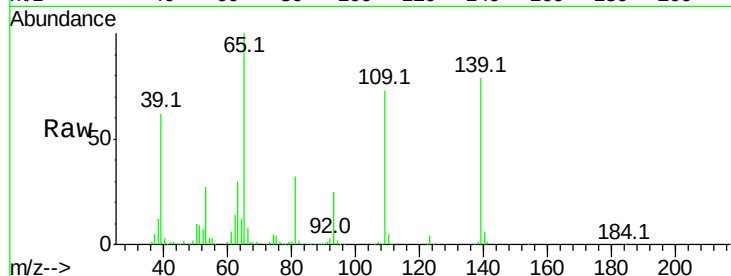
ClientSampleId :

PB86401BS

Tot Ion:	139	Resp:	348502
Ion Ratio	Lower	Upper	
139	100		
109	92.6	73.7	113.7
65	126.8	82.9	122.9#

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#56

2,4-Dinitrotoluene

Concen: 38.53 ng

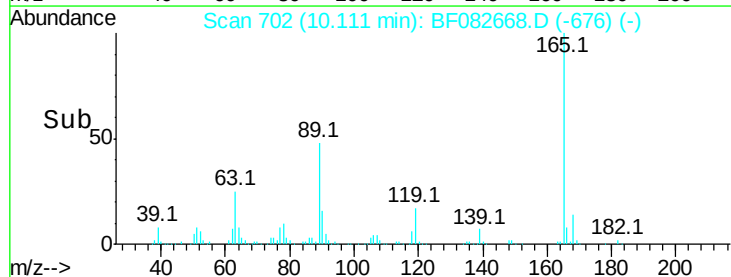
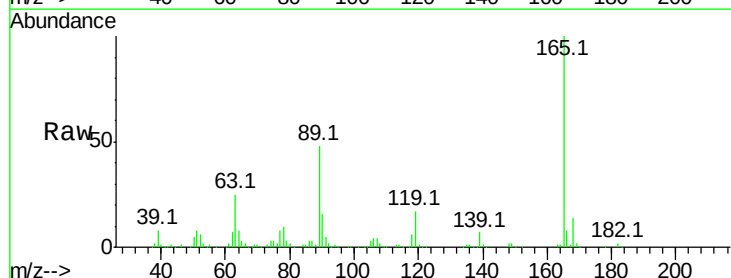
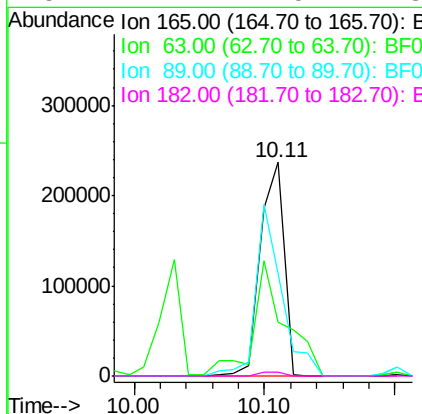
RT: 10.11 min Scan# 702

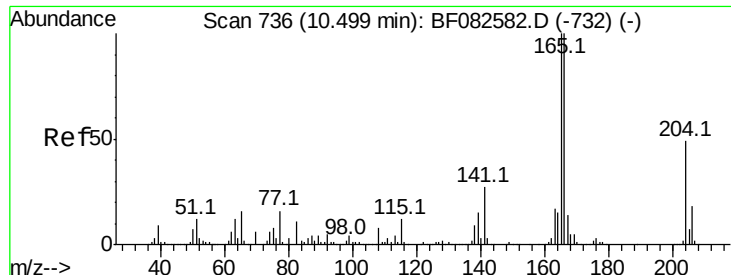
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	165	Resp:	300231
Ion Ratio	Lower	Upper	
165	100		
63	24.9	43.4	65.0#
89	47.8	70.6	106.0#
182	2.1	1.5	2.3





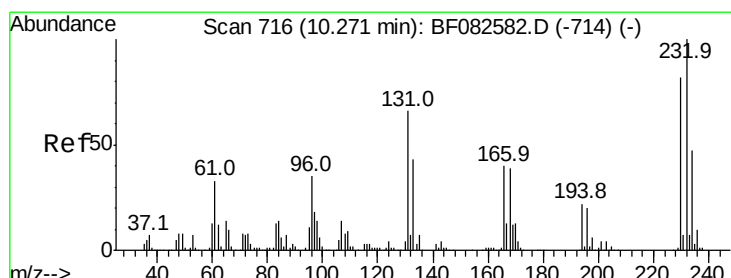
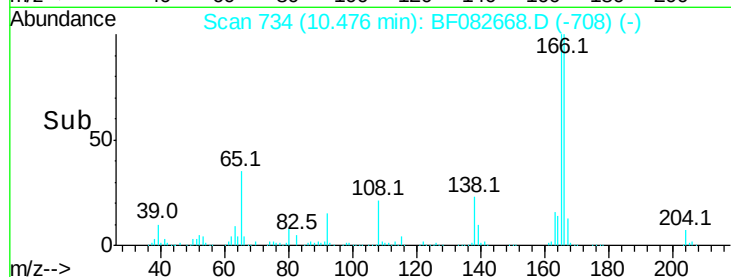
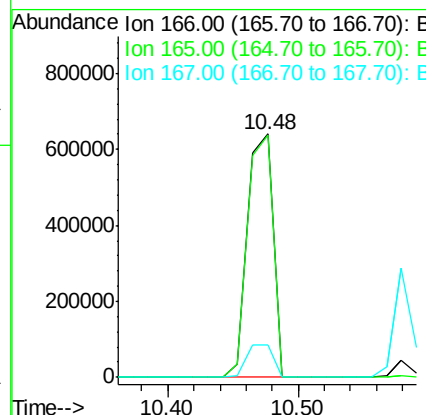
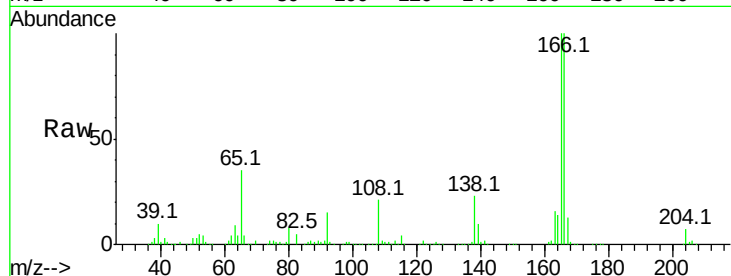
#57
Fluorene
Concen: 34.97 ng
RT: 10.48 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	872421		
165	99.6	80.2	120.4	
167	13.1	11.2	16.8	

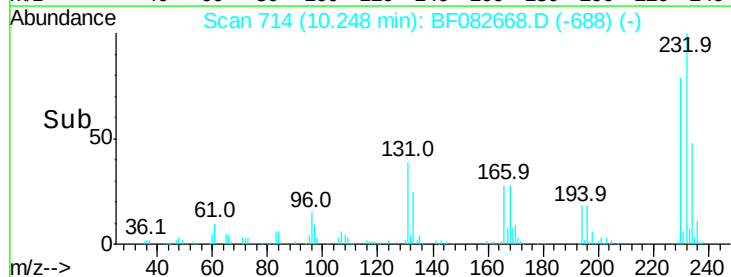
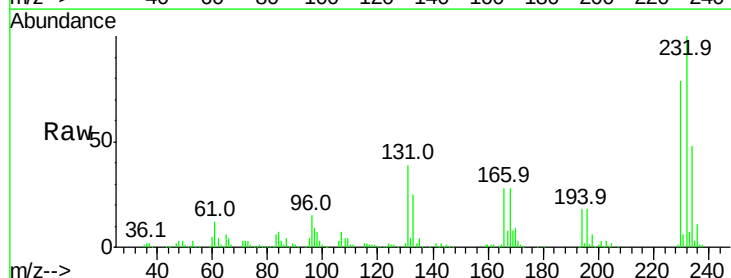
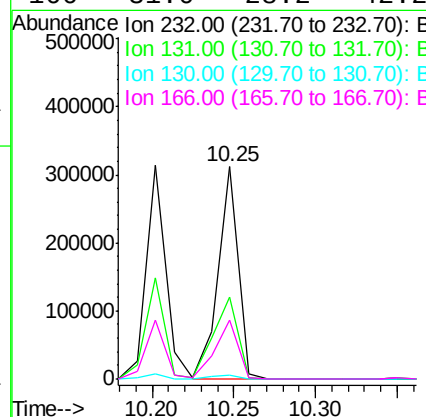
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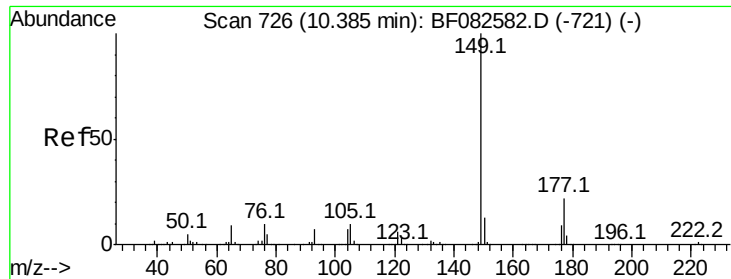
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#58
2,3,4,6-Tetrachlorophenol
Concen: 38.98 ng
RT: 10.25 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	269196		
131	47.0	46.2	69.2	
130	2.4	2.4	3.6#	
166	31.0	28.2	42.2	





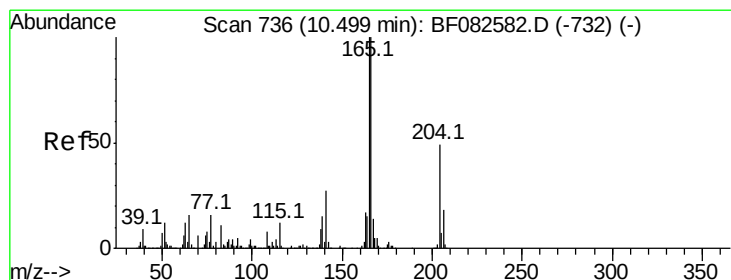
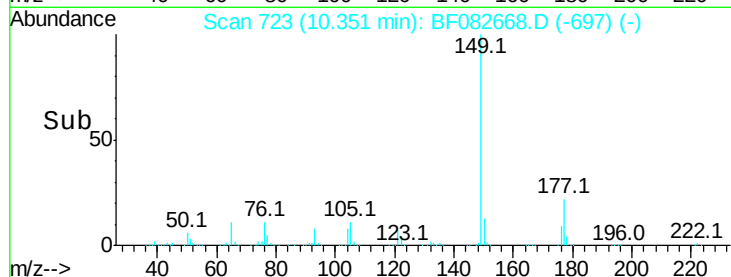
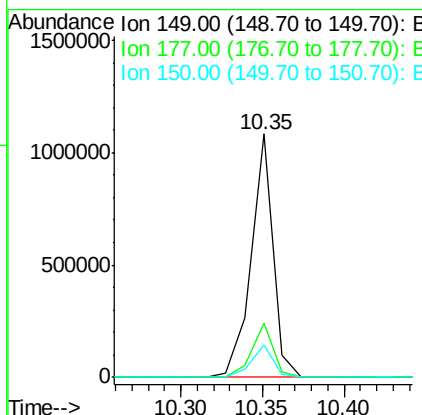
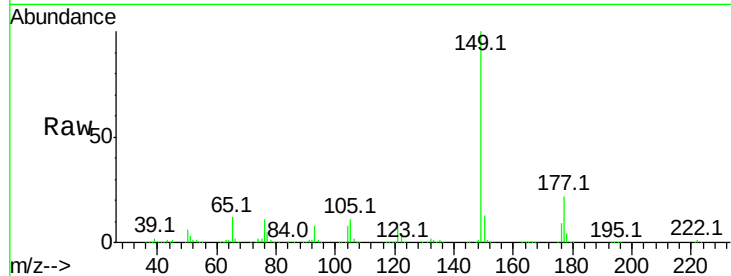
#59
Diethylphthalate
Concen: 35.40 ng
RT: 10.35 min Scan# 723
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	1001762		
177	22.3		17.9	26.9
150	13.4		10.1	15.1

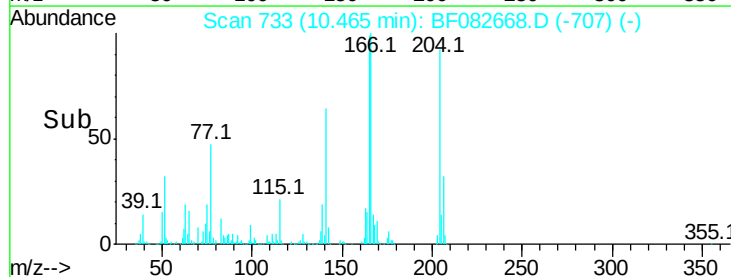
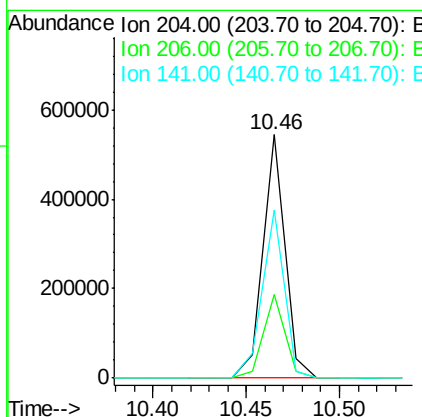
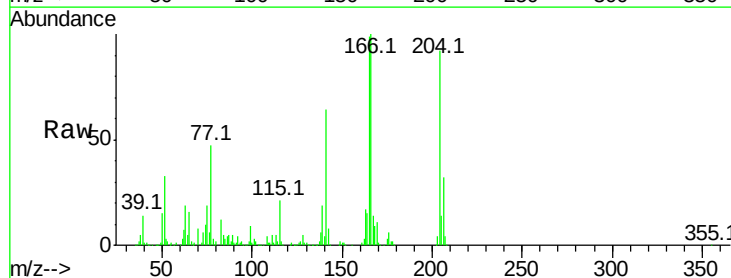
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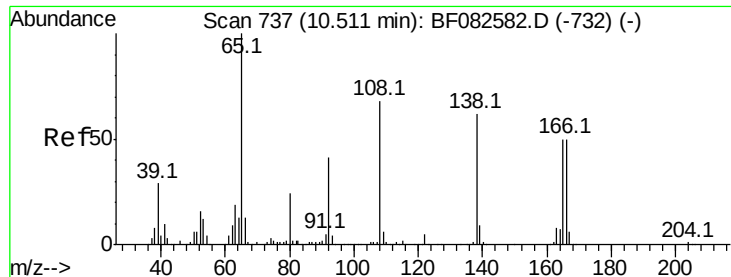
Mmdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 36.15 ng
RT: 10.46 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	438423		
206	34.5		28.5	42.7
141	69.3		44.6	66.8#





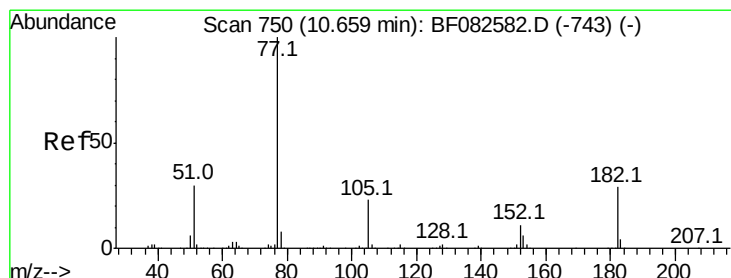
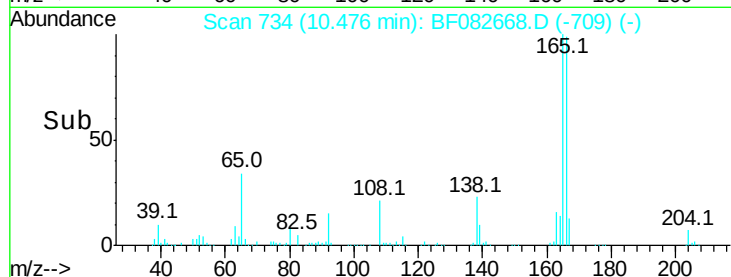
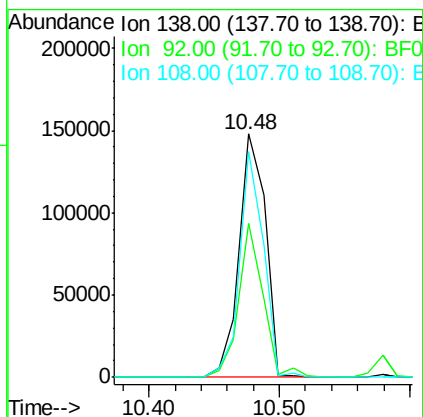
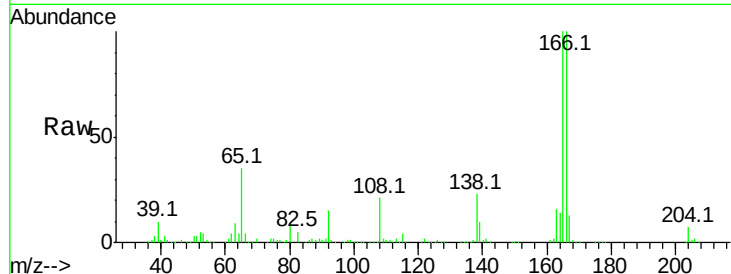
#61
4-Nitroaniline
Concen: 33.94 ng
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	207596		
92	63.3	45.8	85.8	
108	92.9	89.4	129.4	

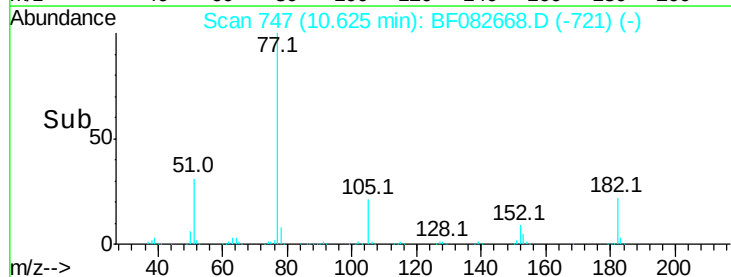
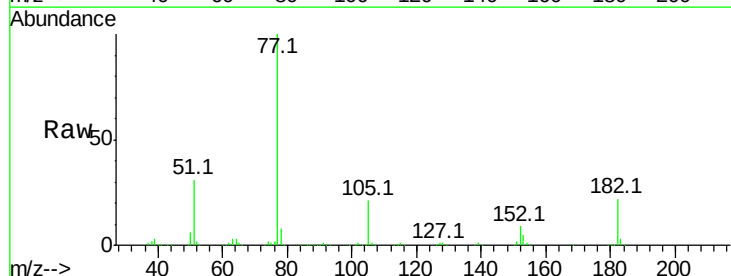
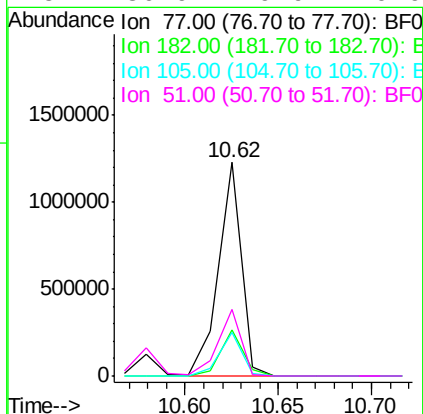
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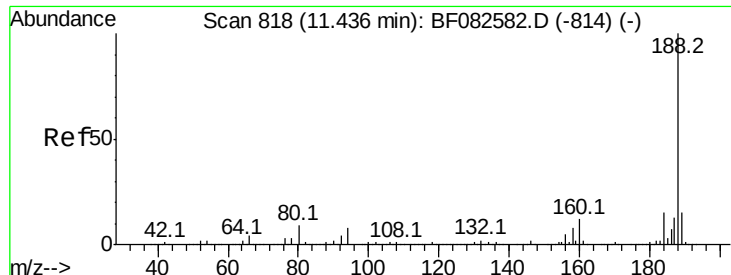
Mmdadoda
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#62
Azobenzene
Concen: 33.01 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.00 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	1053363		
182	21.7	9.3	49.3	
105	20.7	2.6	42.6	
51	30.9	9.9	49.9	





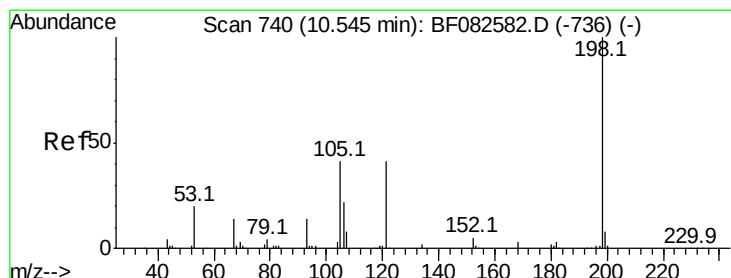
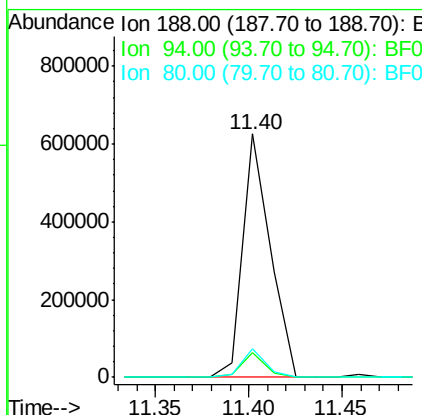
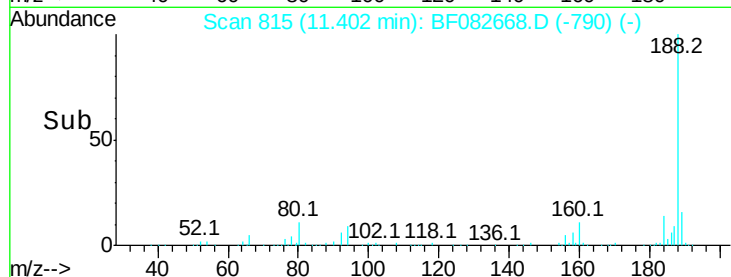
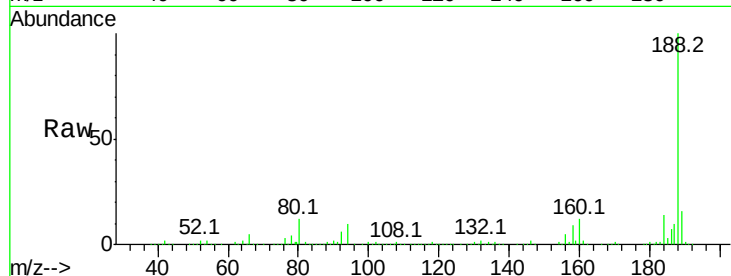
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.1	6.1	9.1#	
80	11.6	7.0	10.6#	

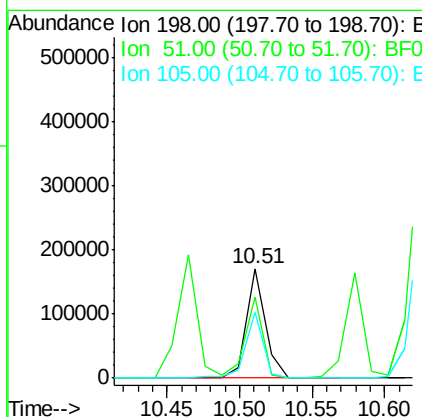
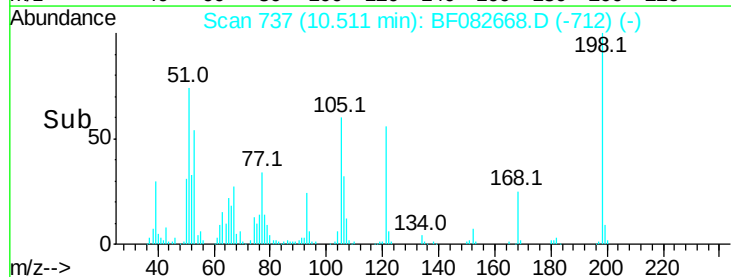
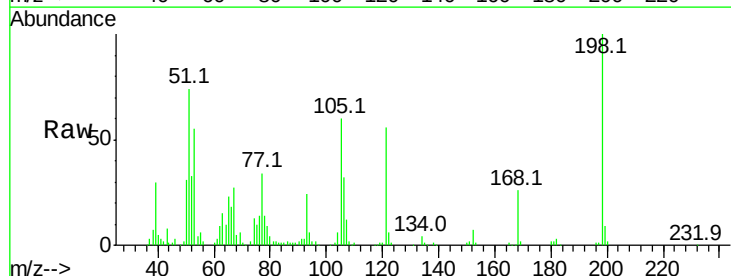
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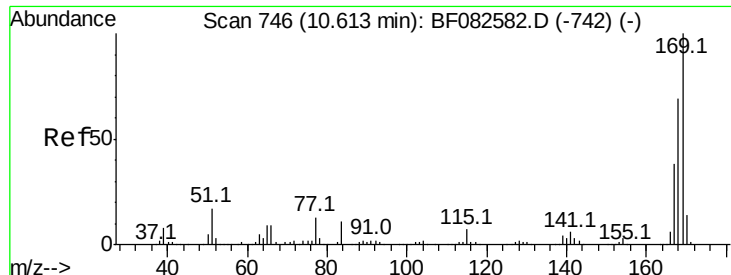
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#64
4,6-Dinitro-2-methylphenol
Concen: 39.89 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	73.8	17.3	57.3#	
105	59.5	21.7	61.7	





#65

n-Nitrosodiphenylamine

Concen: 32.63 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

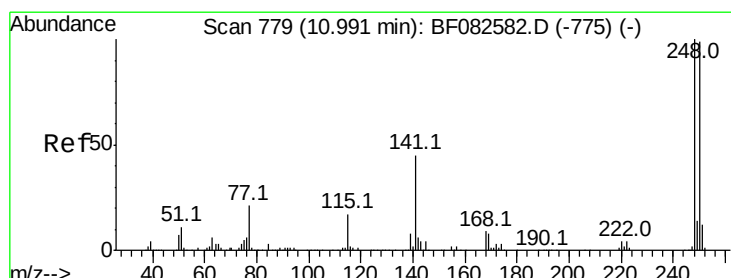
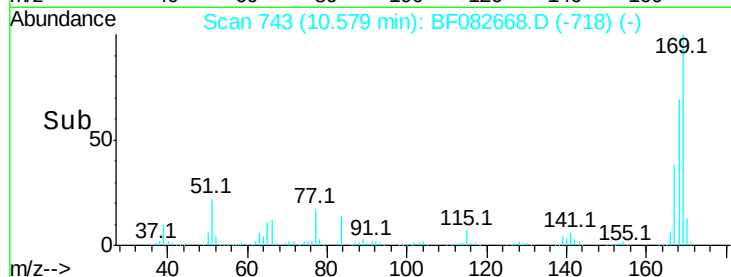
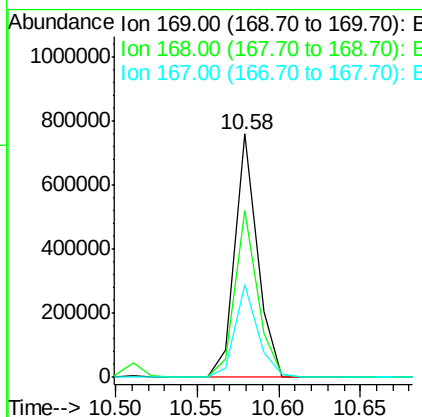
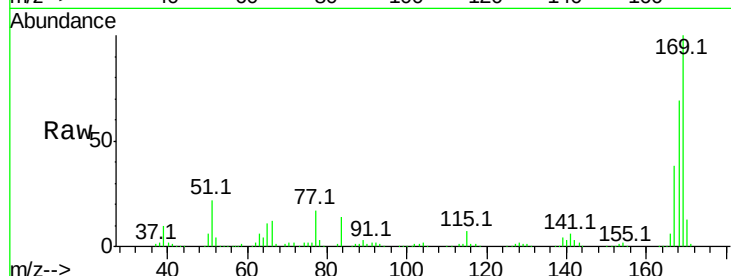
ClientSampleId :

PB86401BS

Tot Ion:	169	Resp:	721667
Ion Ratio	Lower	Upper	
169	100		
168	68.5	55.0	82.6
167	38.0	30.5	45.7

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#66

4-Bromophenyl-phenylether

Concen: 39.52 ng

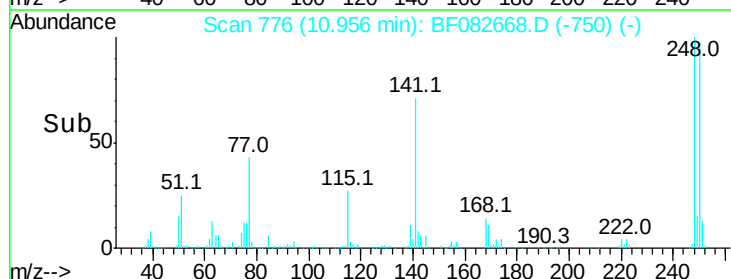
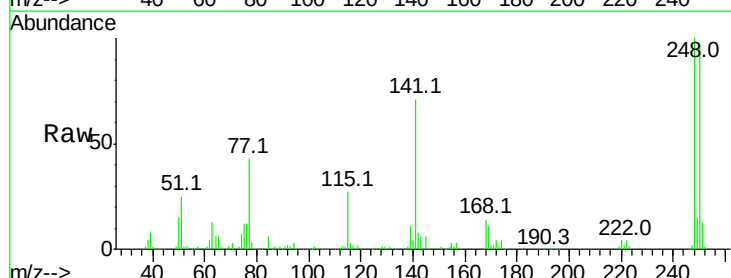
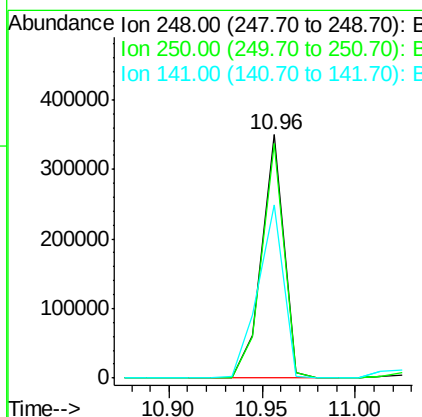
RT: 10.96 min Scan# 776

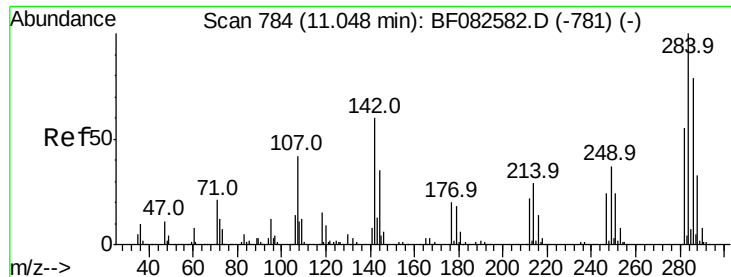
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	248	Resp:	288168
Ion Ratio	Lower	Upper	
248	100		
250	96.6	79.4	119.2
141	70.9	36.3	54.5#





#67

Hexachlorobenzene

Concen: 39.61 ng

RT: 11.02 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

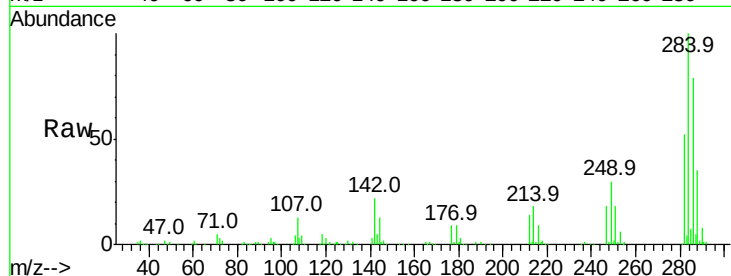
ClientSampleId :

PB86401BS

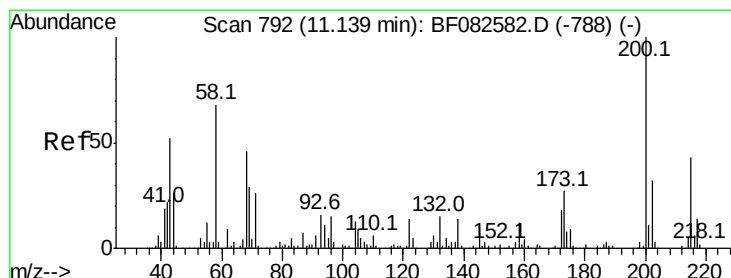
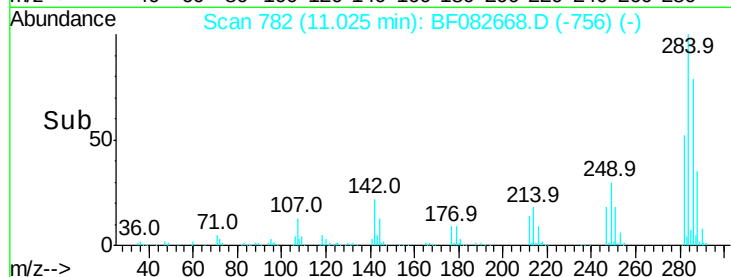
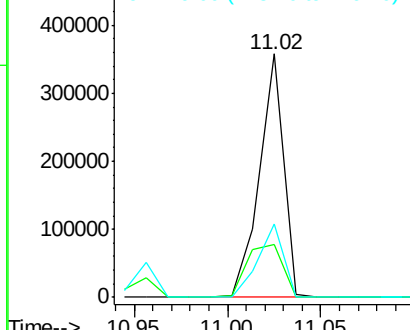
Tot Ion:	284	Resp:	320289
Ion Ratio		Lower	Upper
284	100		
142	21.7	47.9	71.9#
249	30.3	29.7	44.5

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



#68

Atrazine

Concen: 38.15 ng

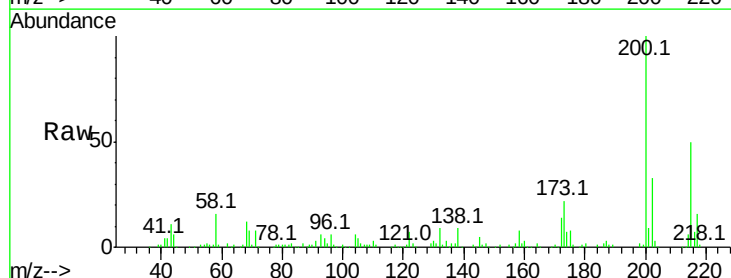
RT: 11.12 min Scan# 790

Delta R.T. 0.00 min

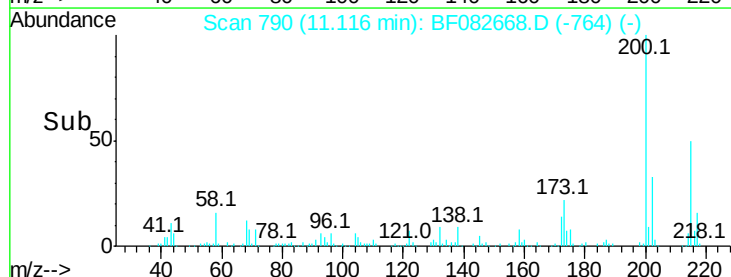
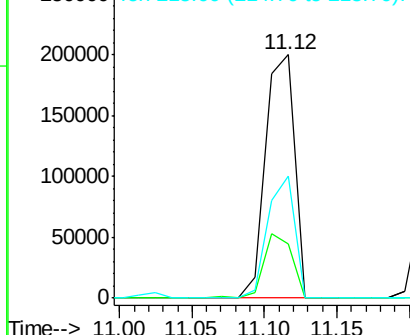
Lab File: BF082668.D

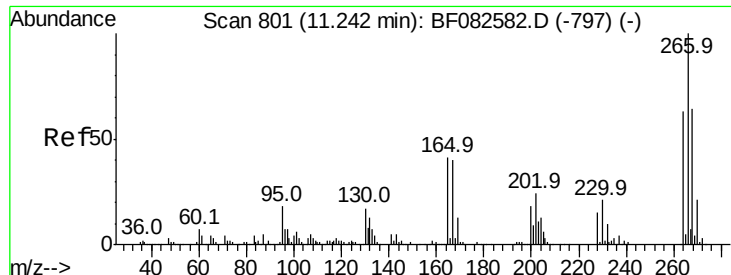
Acq: 3 Nov 2015 18:50

Tgt Ion:	200	Resp:	276131
Ion Ratio		Lower	Upper
200	100		
173	22.3	6.9	46.9
215	50.3	22.9	62.9



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





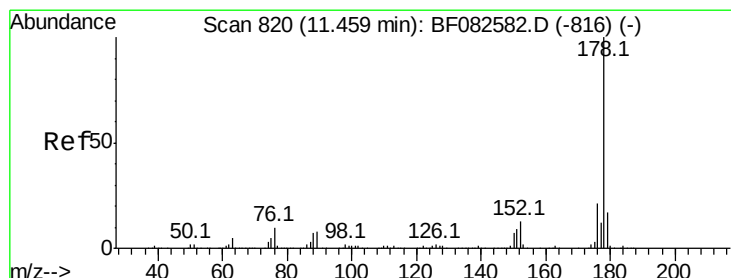
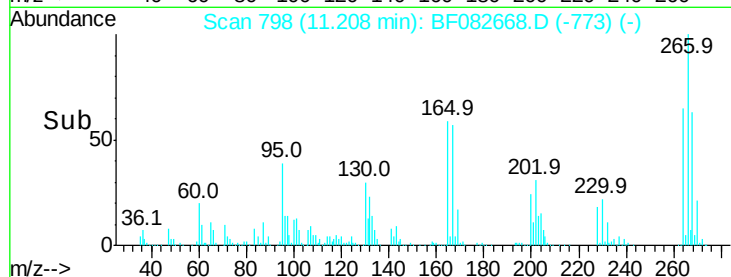
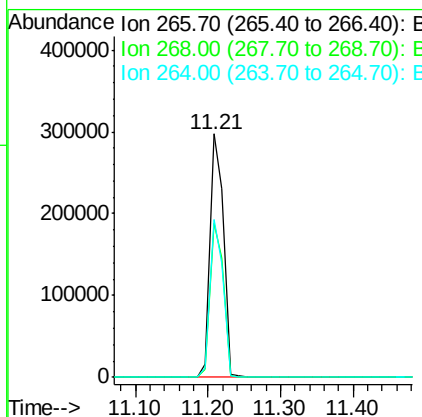
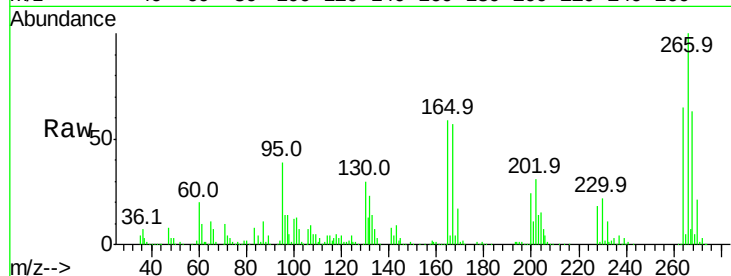
#69
 Pentachlorophenol
 Concen: 71.34 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	380369		
268	63.5		51.0	76.6
264	64.7		50.6	75.8

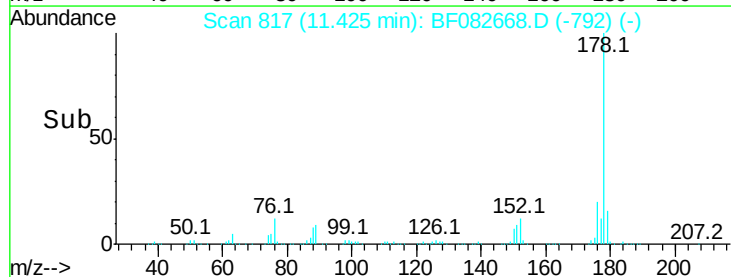
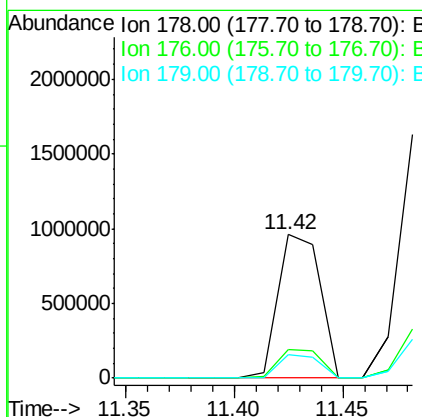
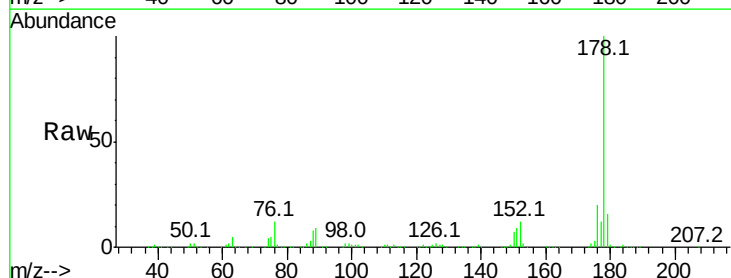
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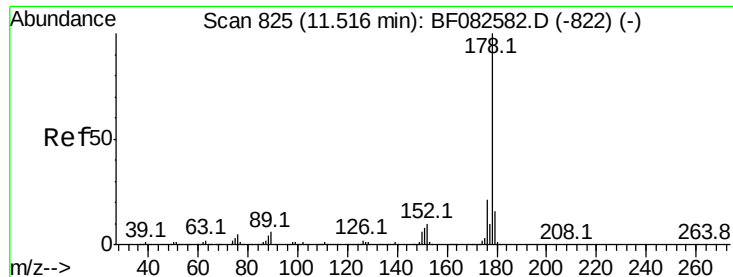
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#70
 Phenanthrene
 Concen: 35.79 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1298896		
176	20.3		17.0	25.4
179	16.2		13.4	20.0





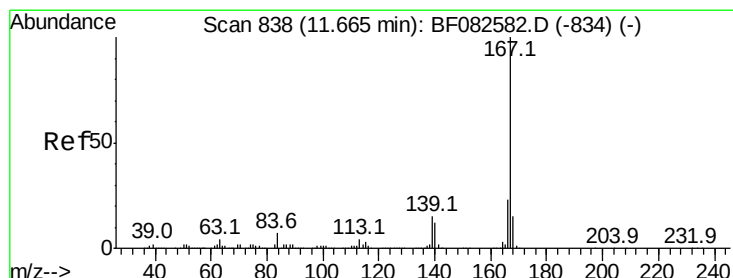
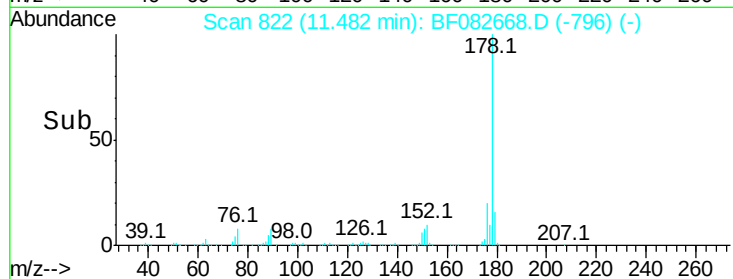
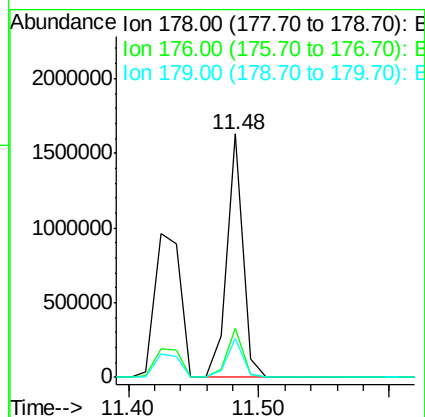
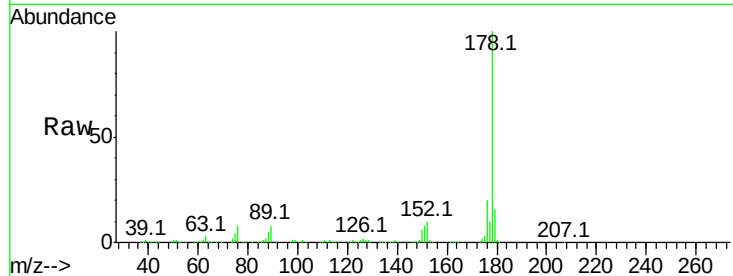
#71
 Anthracene
 Concen: 38.20 ng
 RT: 11.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.1	16.5	24.7
179	16.1	13.2	19.8

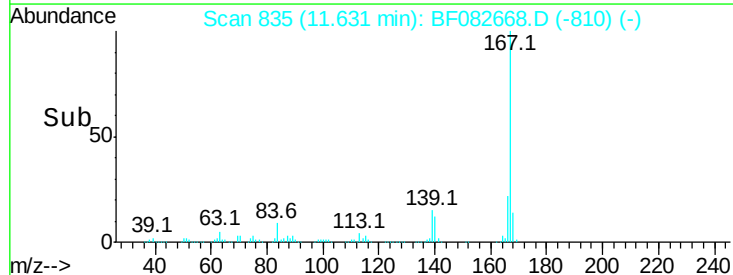
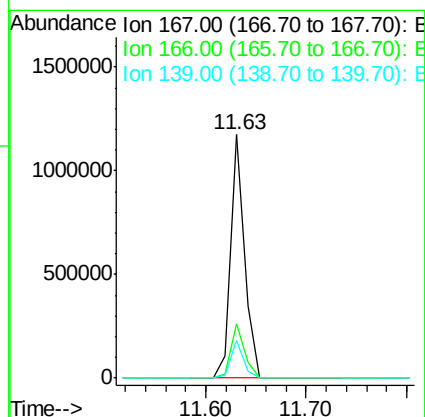
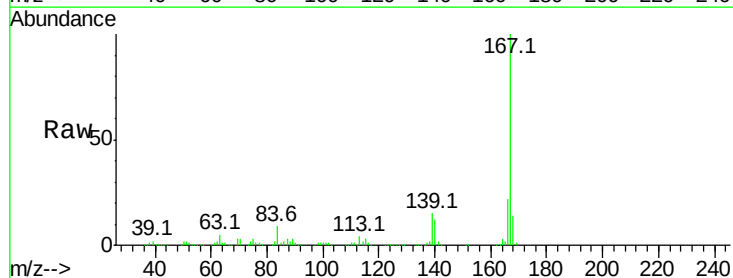
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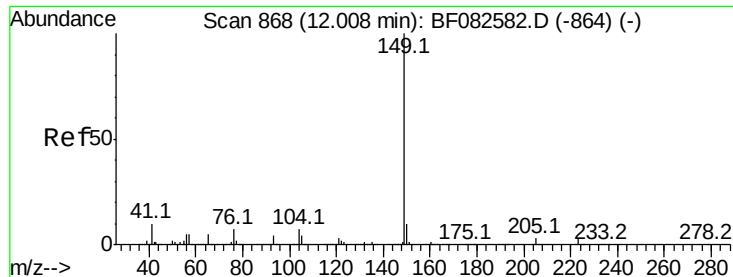
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#72
 Carbazole
 Concen: 35.43 ng
 RT: 11.63 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	18.7	28.1
139	15.4	11.8	17.6





#73

Di-n-butylphthalate

Concen: 36.24 ng

RT: 11.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

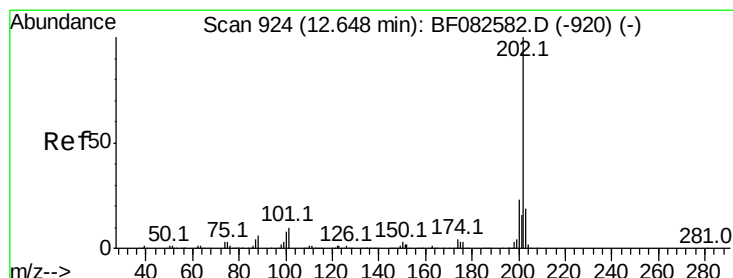
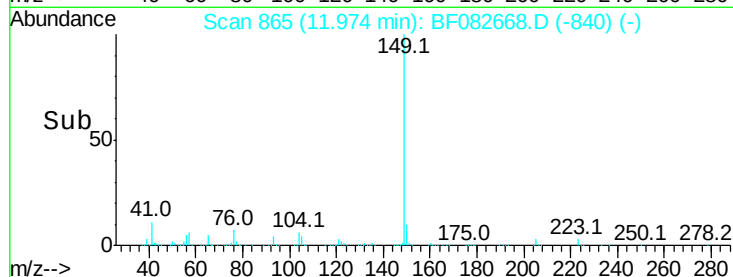
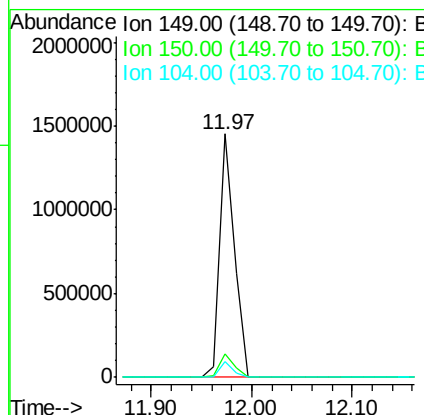
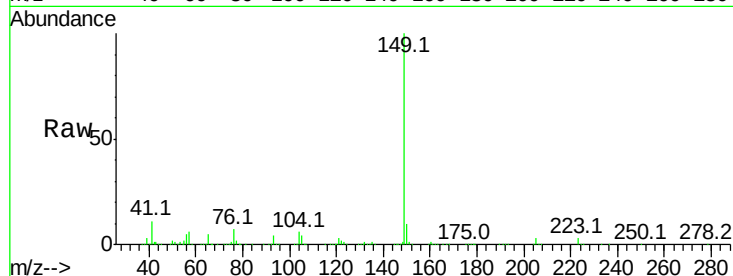
ClientSampleId :

PB86401BS

Tot Ion:	149	Resp:	1468318
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.1	12.1
104	6.4	5.2	7.8

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#74

Fluoranthene

Concen: 37.80 ng

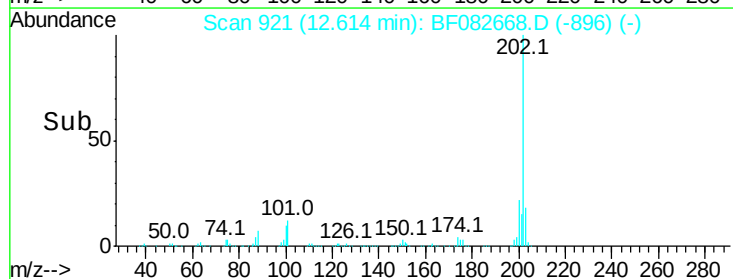
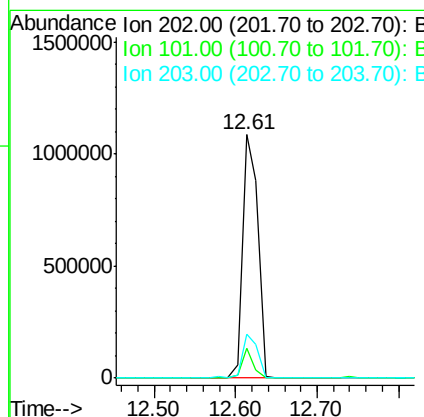
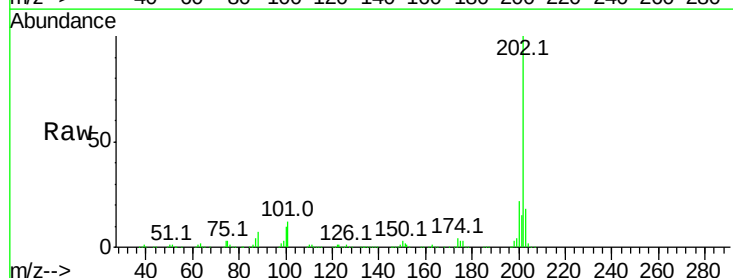
RT: 12.61 min Scan# 921

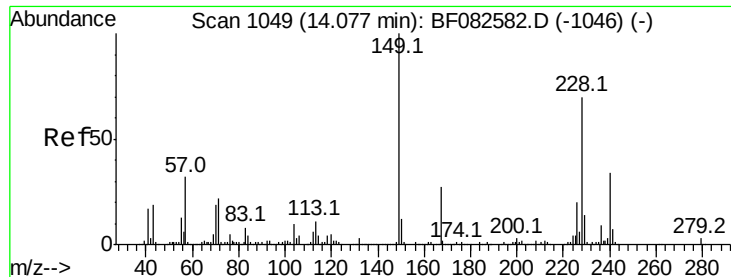
Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	202	Resp:	1402275
Ion Ratio	Lower	Upper	
202	100		
101	12.3	0.0	30.5
203	18.2	0.0	38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.05 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

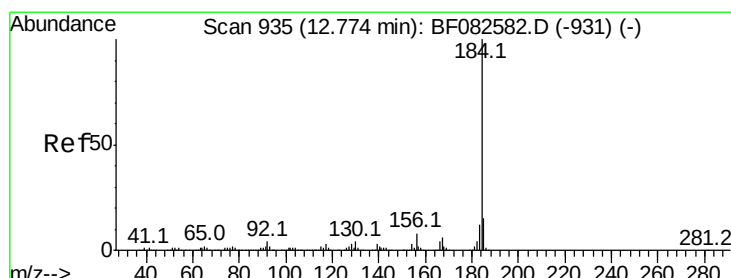
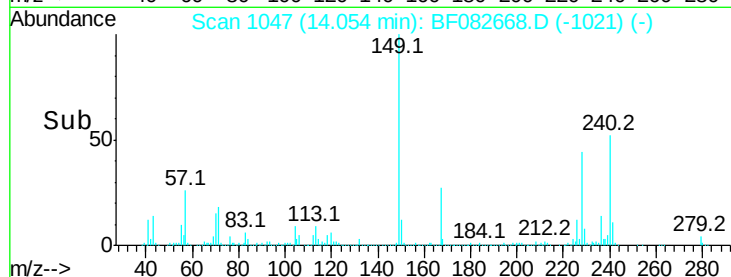
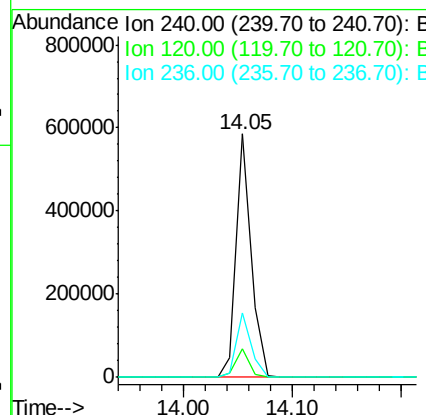
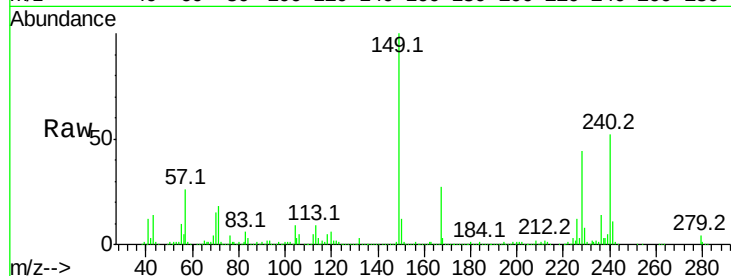
ClientSampleId :

PB86401BS

Tot Ion:	240	Resp:	556884
Ion Ratio	Lower	Upper	
240	100		
120	11.9	10.9	16.3
236	26.6	21.6	32.4

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#76

Benzidine

Concen: 30.79 ng

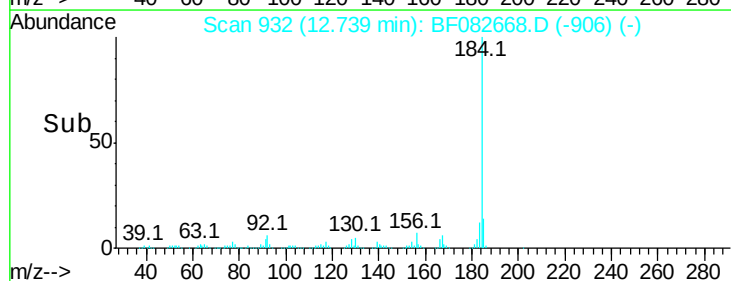
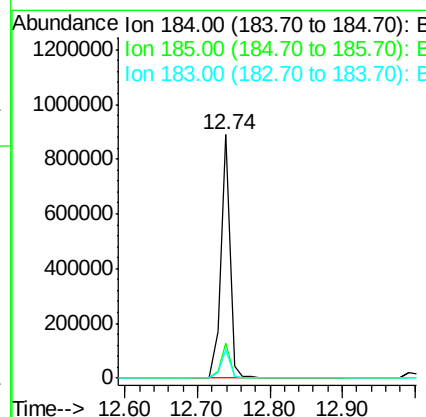
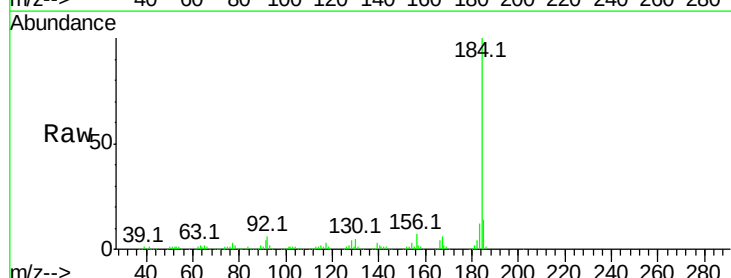
RT: 12.74 min Scan# 932

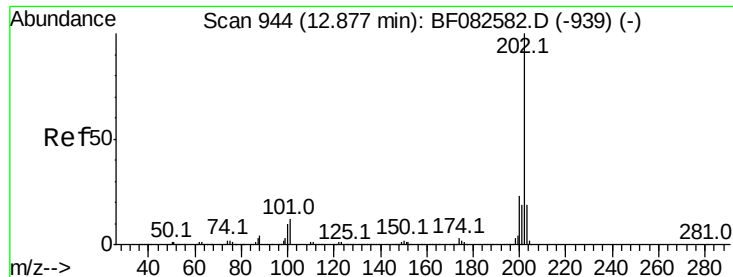
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	184	Resp:	773399
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.0	18.0
183	11.8	9.6	14.4





#77

Pvrene

Concen: 34.62 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

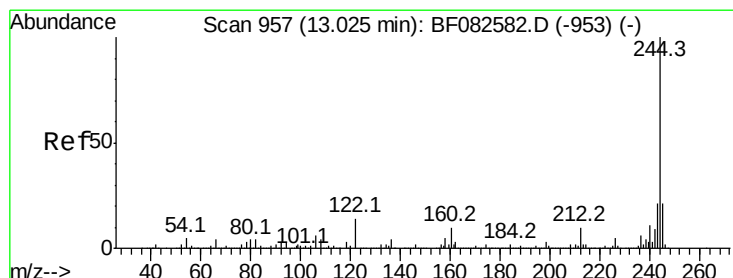
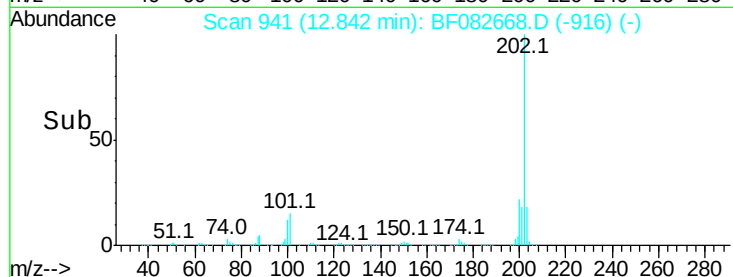
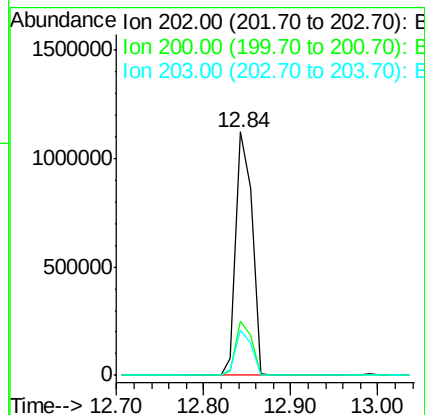
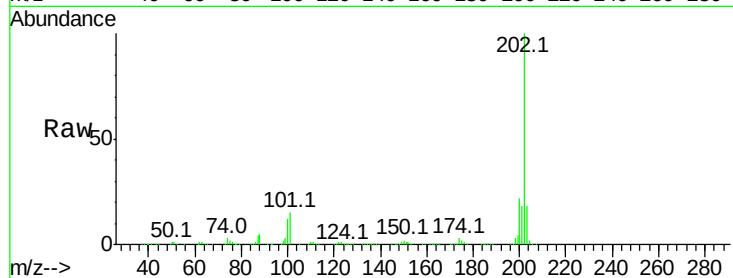
ClientSampleId :

PB86401BS

Tot	Ion:202	Resp: 1427726	
Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.7	28.1
203	18.4	14.8	22.2

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#78

Terphenyl-d14

Concen: 76.66 ng

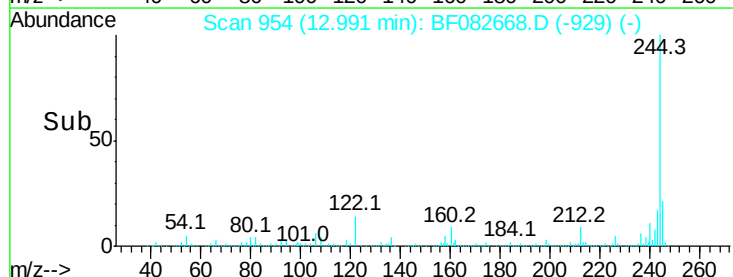
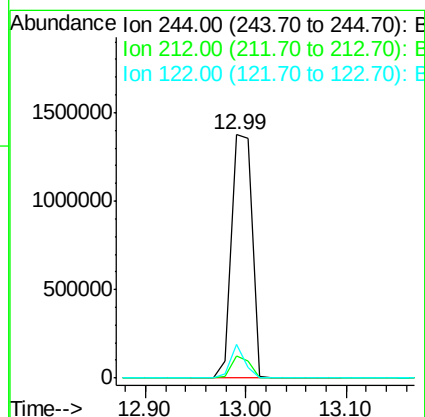
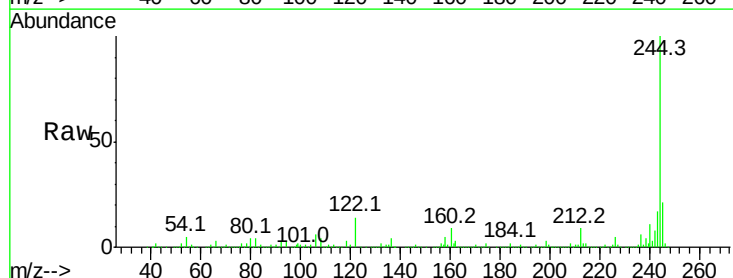
RT: 12.99 min Scan# 954

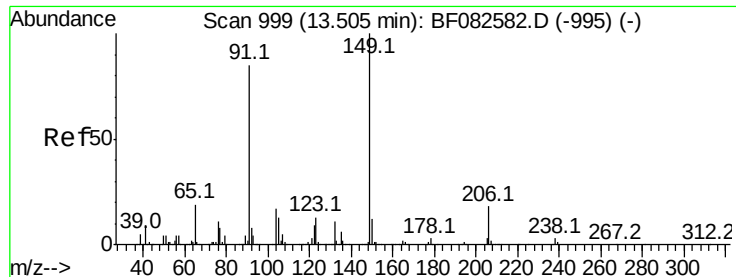
Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:244	Resp: 1950690
Ion Ratio	Lower Upper
244 100	
212 9.0	7.6 11.4
122 13.9	11.3 16.9





#79

Butylbenzylphthalate

Concen: 37.97 ng

RT: 13.47 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Instrument :

BNA_F

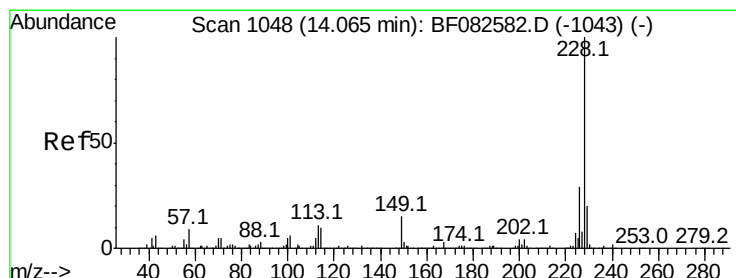
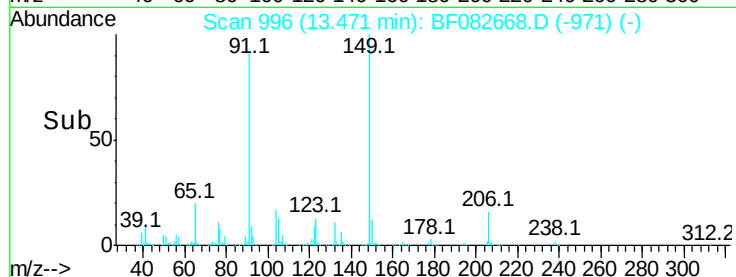
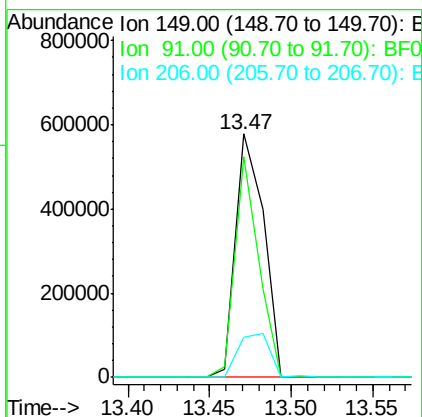
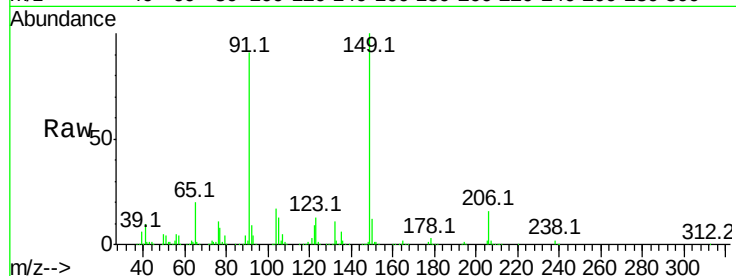
ClientSampleId :

PB86401BS

Tot Ion:	149	Resp:	685720
Ion Ratio	Lower	Upper	
149	100		
91	90.7	67.7	101.5
206	16.3	14.6	22.0

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#80

Benzo(a)anthracene

Concen: 36.79 ng

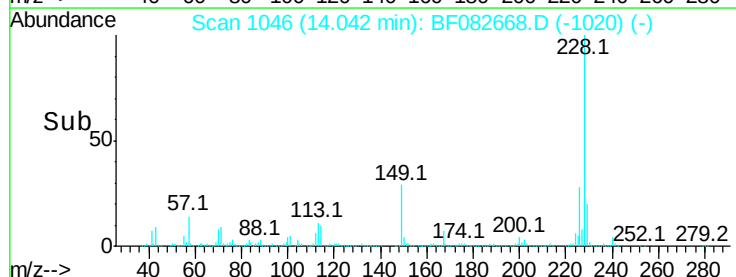
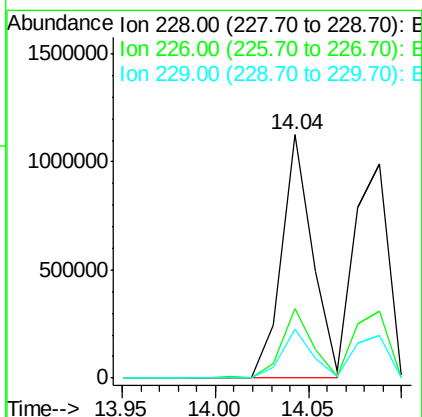
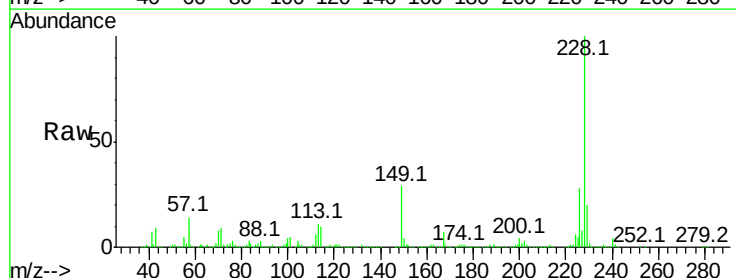
RT: 14.04 min Scan# 1046

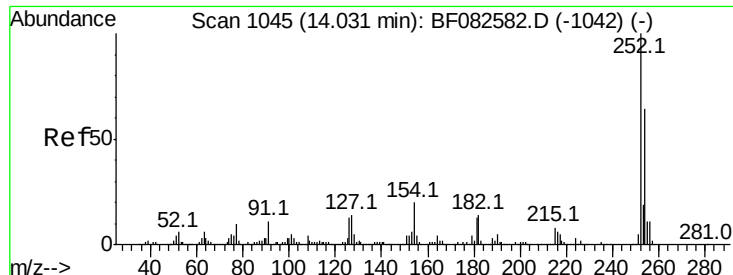
Delta R.T. 0.00 min

Lab File: BF082668.D

Acq: 3 Nov 2015 18:50

Tgt Ion:	228	Resp:	1301374
Ion Ratio	Lower	Upper	
228	100		
226	28.5	23.4	35.2
229	20.4	16.3	24.5





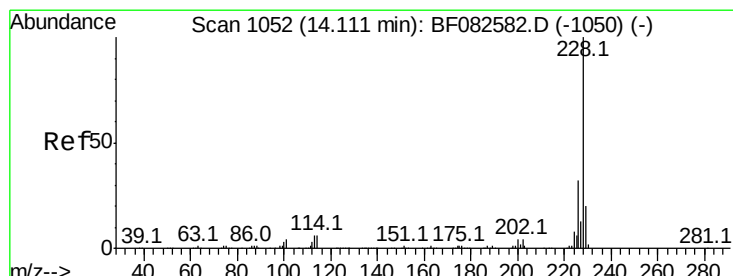
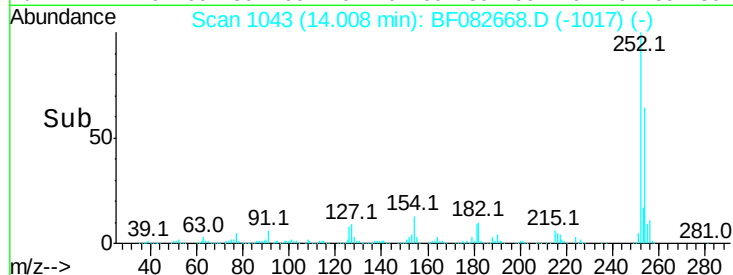
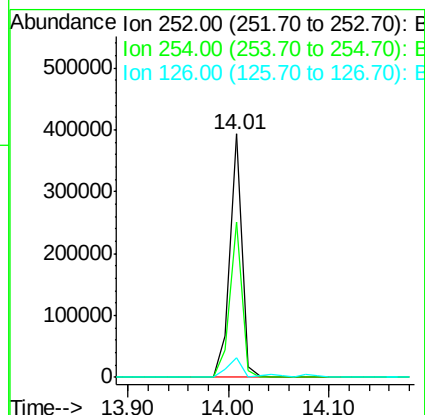
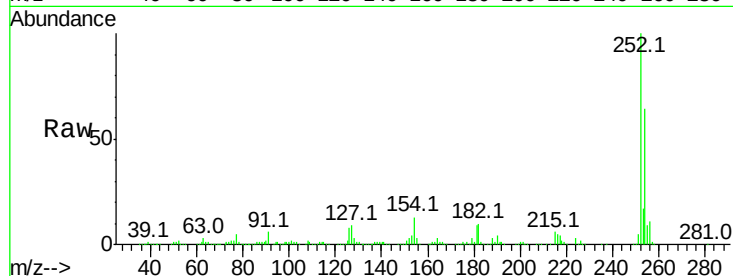
#81
 3,3'-Dichlorobenzidine
 Concen: 27.12 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
254	63.7	51.4	77.0	
126	8.1	10.7	16.1	

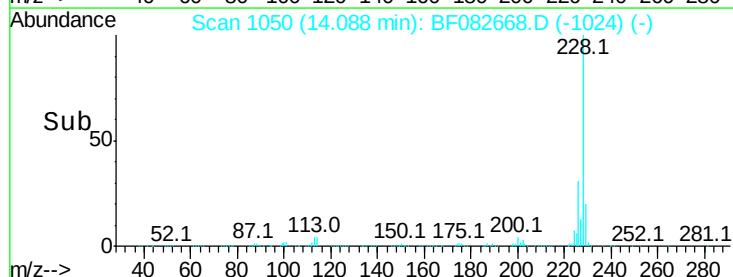
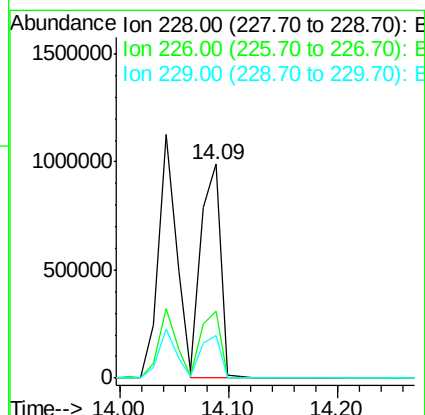
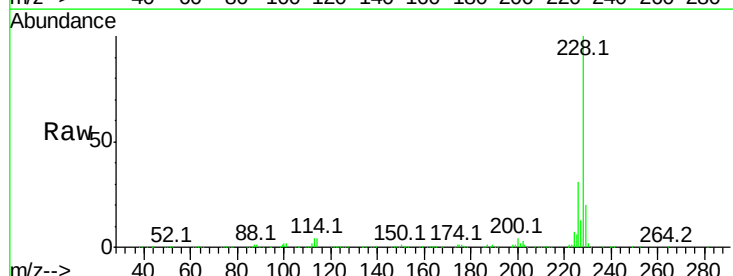
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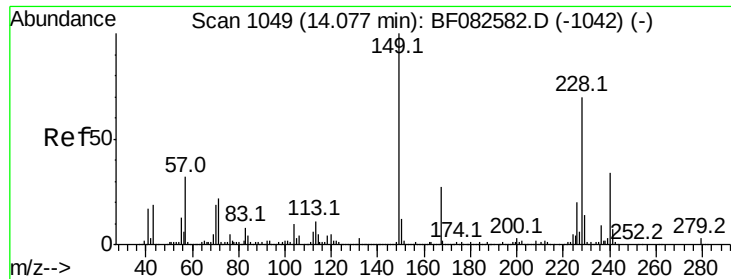
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#82
 Chrysene
 Concen: 38.76 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.0	25.5	38.3	
229	20.1	16.3	24.5	





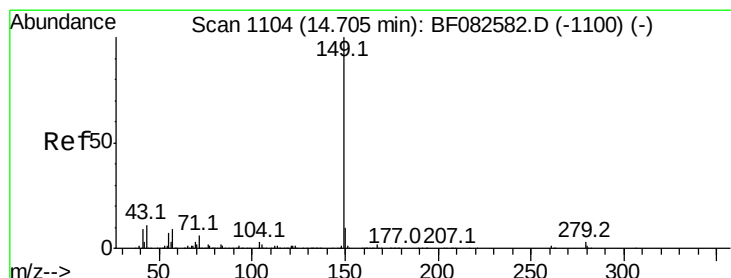
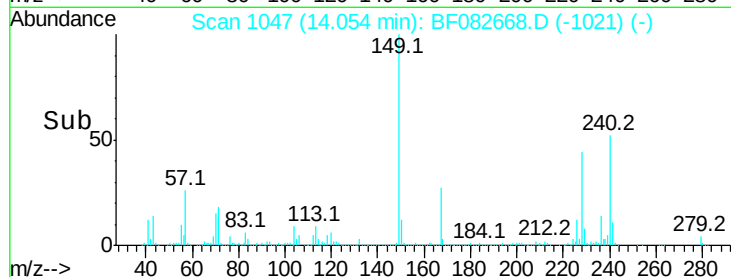
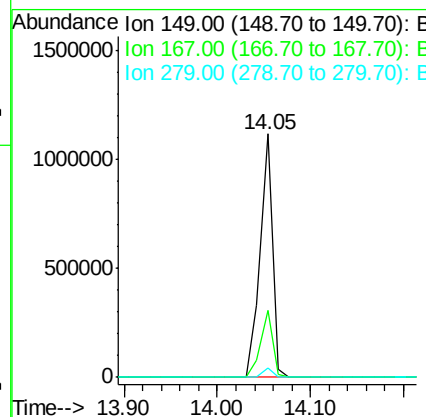
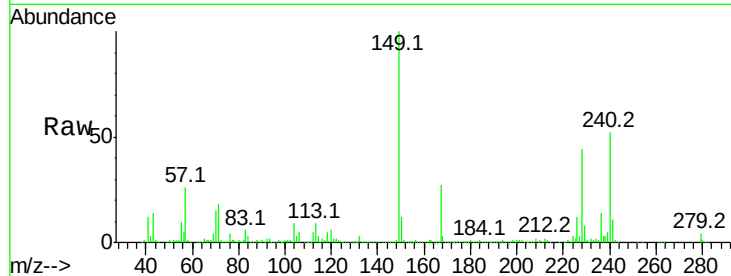
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 43.83 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion:149 Resp: 1026352
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.2 31.8
 279 3.6 2.2 3.2#

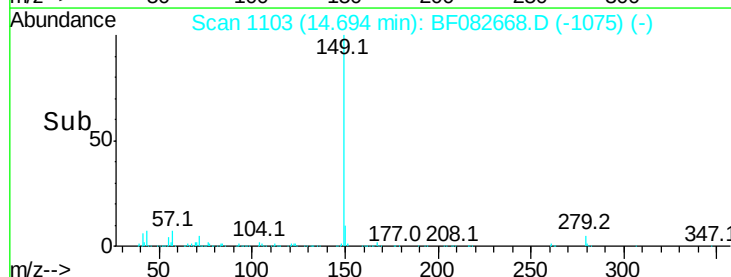
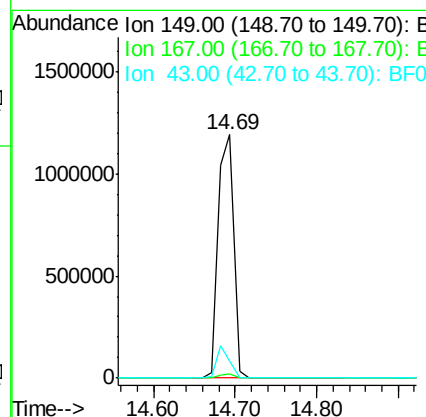
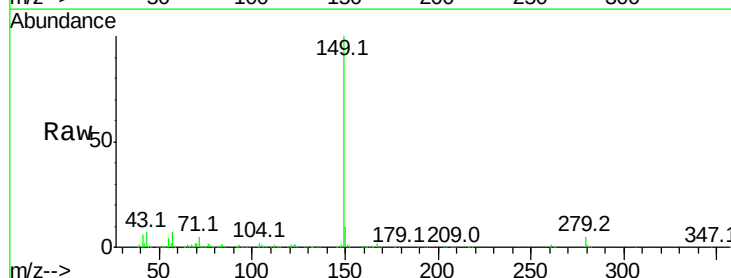
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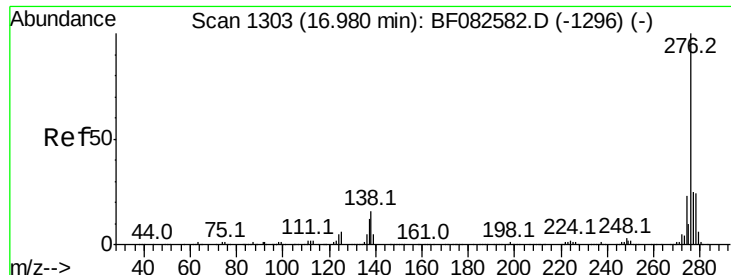
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#84
 Di-n-octyl phthalate
 Concen: 43.24 ng
 RT: 14.69 min Scan# 1103
 Delta R.T. 0.02 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion:149 Resp: 1579133
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.1 10.1 15.1





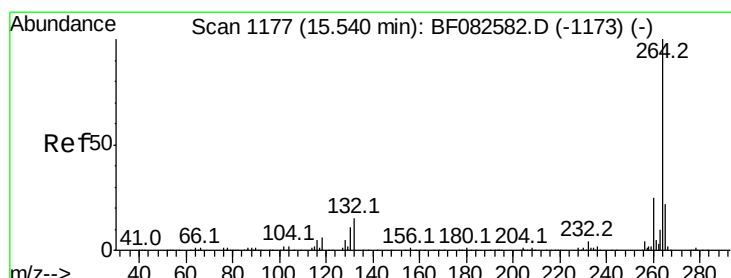
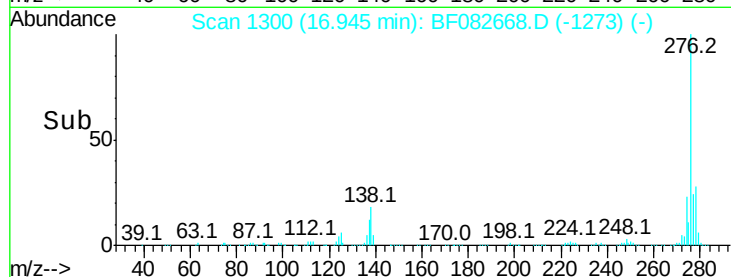
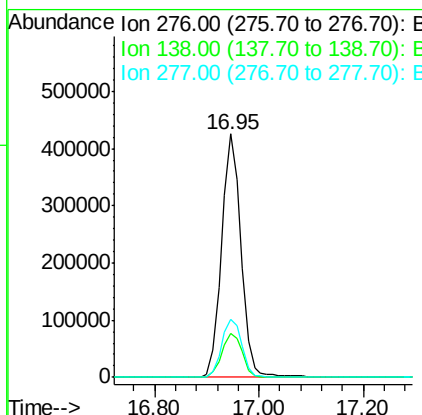
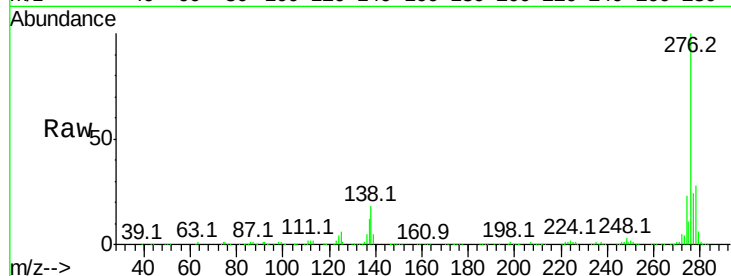
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.64 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.3	22.9
277	25.1	20.2	30.4

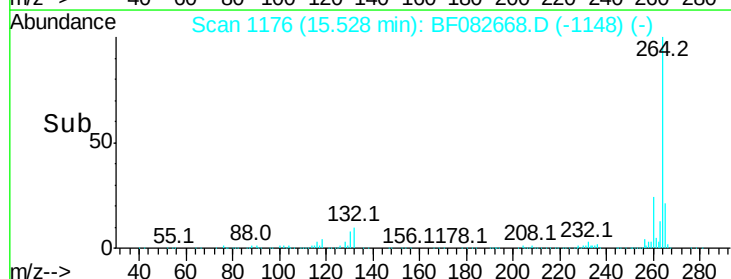
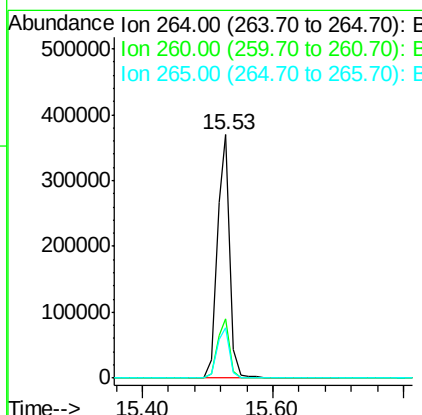
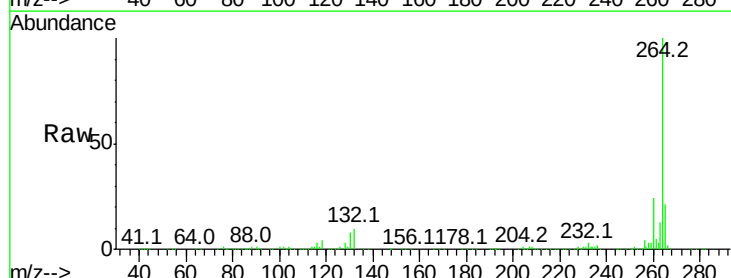
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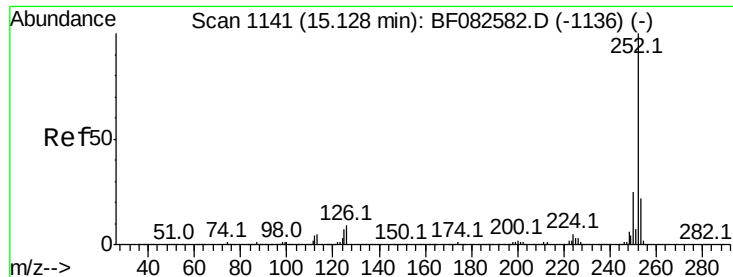
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. 0.02 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.6
265	20.8	17.4	26.0





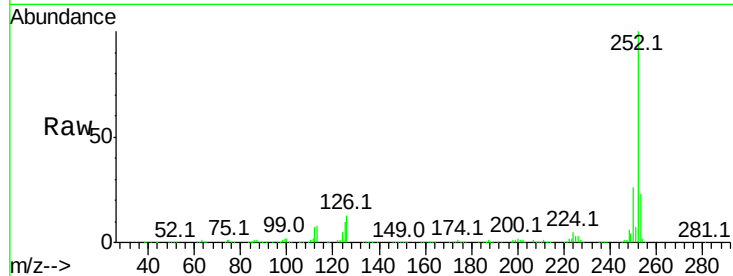
#87
Benzo(b)fluoranthene
Concen: 36.46 ng
RT: 15.11 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

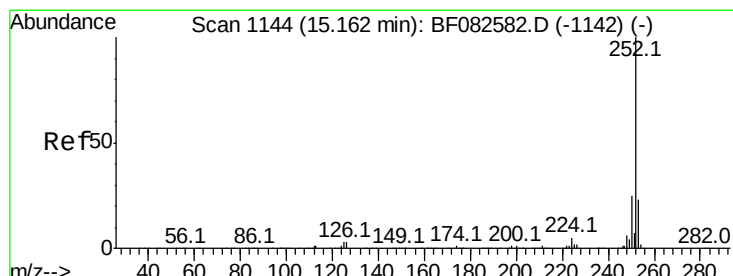
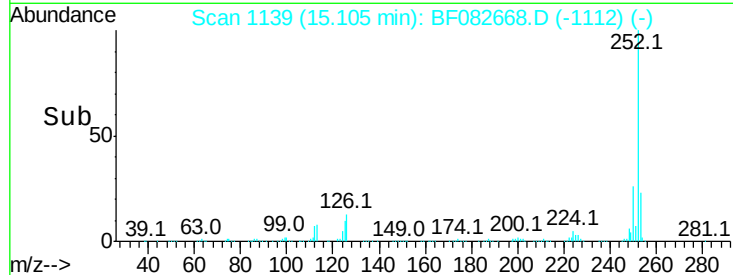
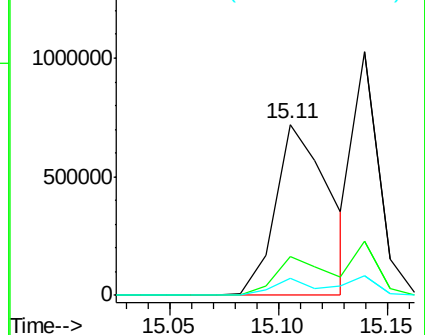
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.8
125	10.0	5.4	8.2#

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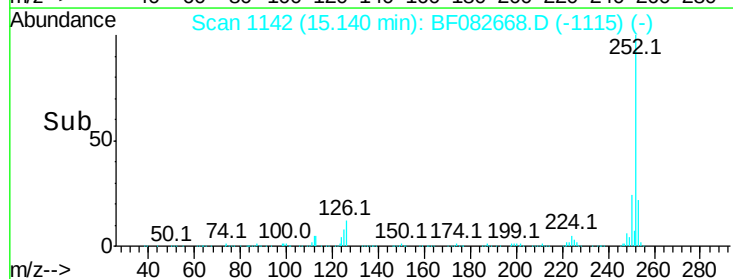
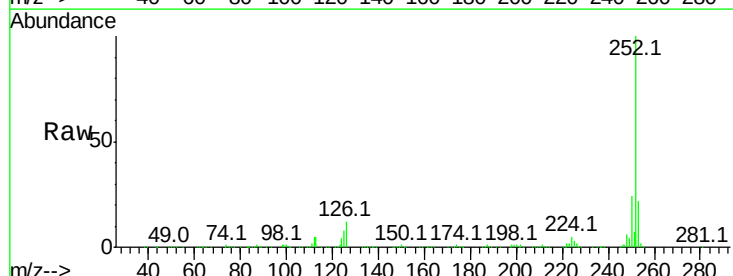
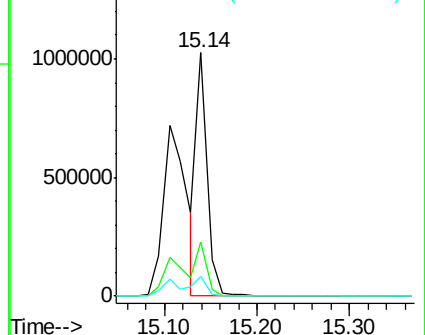
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

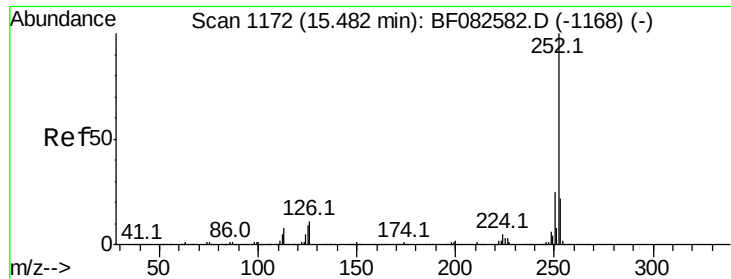


#88
Benzo(k)fluoranthene
Concen: 32.32 ng m
RT: 15.14 min Scan# 1142
Delta R.T. 0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	7.9	3.5	5.3#

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





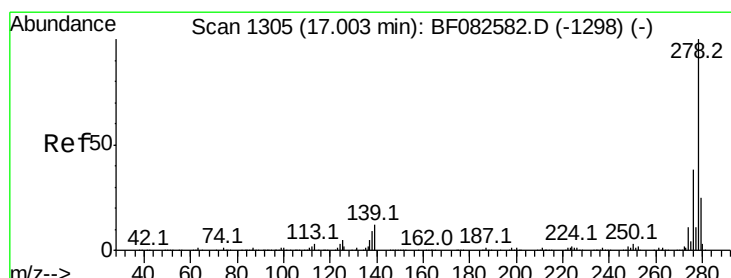
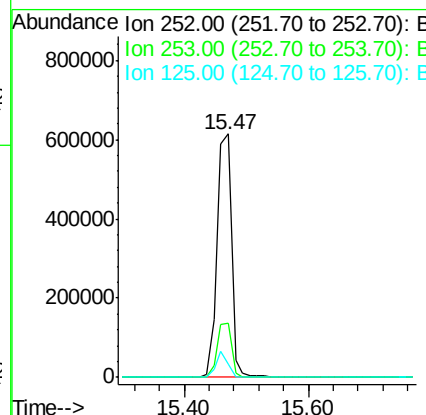
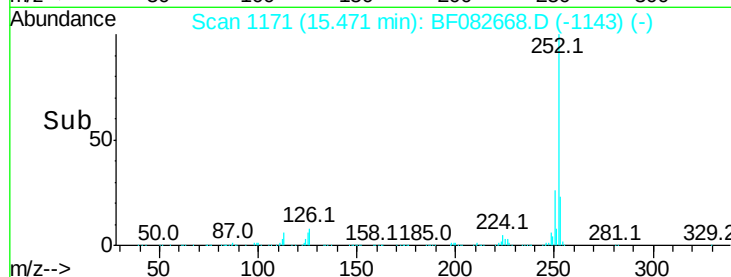
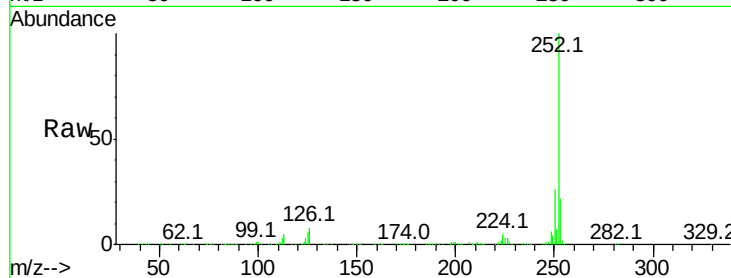
#89
Benzo(a)pyrene
Concen: 36.73 ng
RT: 15.47 min Scan# 1171
Delta R.T. 0.02 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Instrument :
BNA_F
ClientSampleId :
PB86401BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.3	25.9
125	5.6	7.1	10.7

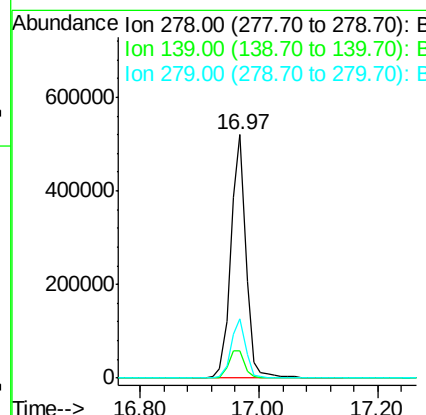
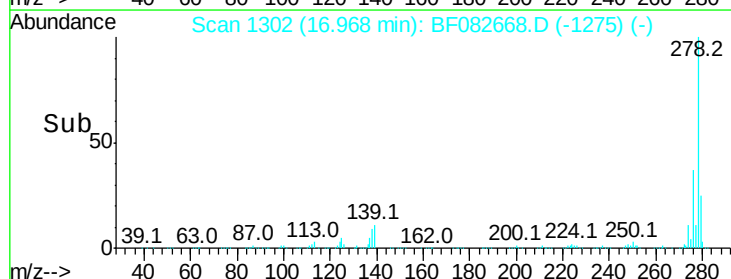
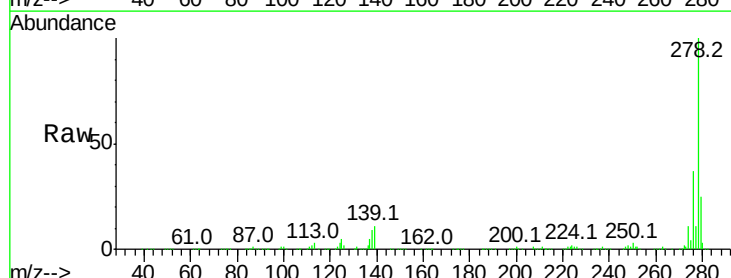
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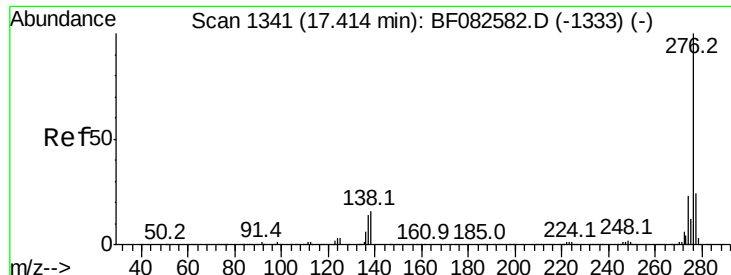
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#90
Dibenzo(a,h)anthracene
Concen: 36.68 ng
RT: 16.97 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF082668.D
Acq: 3 Nov 2015 18:50

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.2	9.9	14.9
279	24.6	19.6	29.4





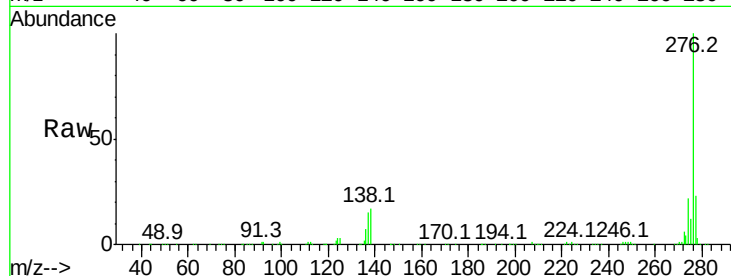
#91
 Benzo(a,h,i)perylene
 Concen: 37.88 ng
 RT: 17.37 min Scan# 1337
 Delta R.T. 0.01 min
 Lab File: BF082668.D
 Acq: 3 Nov 2015 18:50

Instrument :
 BNA_F
 ClientSampleId :
 PB86401BS

Tot Ion:	276	Resp:	918951
Ion Ratio	Lower	Upper	
276	100		
277	23.3	19.2	28.8
138	17.5	13.1	19.7

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

