

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083915.D
 Acq On : 18 Dec 2015 16:17
 Operator : UM/SJ
 Sample : PB87315BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Manual Integrations
 APPROVED

apatel
 12/22/2015 11:50:54 AM

Quant Time: Dec 19 04:29:29 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 18 14:23:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	53613	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	215000	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	102112	20.00	ng	-0.01
63) Phenanthrene-d10	11.39	188	199034	20.00	ng	0.00
75) Chrysene-d12	14.03	240	172160	20.00	ng	0.00
86) Perylene-d12	15.47	264	127685	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	384824	112.33	ng	0.01
7) Phenol-d6	6.51	99	495836	118.24	ng	0.00
23) Nitrobenzene-d5	7.44	82	321793	85.42	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	150318	133.62	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	610259	83.72	ng	-0.01
78) Terphenyl-d14	12.98	244	670570	91.55	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	42282	28.45	ng	97
3) Pyridine	3.28	79	129975	35.37	ng	98
4) n-Nitrosodimethylamine	3.22	42	55775	39.79	ng	94
6) Aniline	6.53	93	127065	23.53	ng	# 58
8) 2-Chlorophenol	6.66	128	163953	40.21	ng	92
9) Benzaldehyde	6.41	77	50847	20.13	ng	99
10) Phenol	6.53	94	163738	34.99	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	127520	35.87	ng	95
12) 1,3-Dichlorobenzene	6.81	146	164700m	37.56	ng	
13) 1,4-Dichlorobenzene	6.89	146	164765m	36.81	ng	
14) 1,2-Dichlorobenzene	7.04	146	155112	42.82	ng	99
15) Benzyl Alcohol	7.01	79	134003	42.23	ng	90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	134460	36.68	ng	98
17) 2-Methylphenol	7.13	107	118517	37.06	ng	95
18) Hexachloroethane	7.38	117	60501	36.83	ng	97
19) n-Nitroso-di-n-propylamine	7.29	70	103352	42.28	ng	93
20) 3+4-Methylphenols	7.29	107	157307	41.86	ng	# 55
22) Acetophenone	7.28	105	206470	39.89	ng	95
24) Nitrobenzene	7.45	77	141317	36.27	ng	97
25) Isophorone	7.69	82	270355	38.14	ng	100
26) 2-Nitrophenol	7.77	139	81793	40.56	ng	# 87
27) 2,4-Dimethylphenol	7.81	122	149478	43.03	ng	97
28) bis(2-Chloroethoxy)methane	7.90	93	173103	41.29	ng	98
29) 2,4-Dichlorophenol	8.02	162	134688	42.74	ng	93
30) 1,2,4-Trichlorobenzene	8.10	180	130930	38.68	ng	95
31) Naphthalene	8.17	128	443388	40.73	ng	100
32) Benzoic acid	7.95	122	73050	54.30	ng	95
33) 4-Chloroaniline	8.22	127	81577	16.71	ng	# 91
34) Hexachlorobutadiene	8.29	225	73704	34.87	ng	99
35) Caprolactam	8.59	113	40858m	39.24	ng	
36) 4-Chloro-3-methylphenol	8.72	107	143440	40.13	ng	93
37) 2-Methylnaphthalene	8.86	142	301395	40.33	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	137038	42.56	ng	98
40) Hexachlorocyclopentadiene	9.02	237	74905	69.75	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	90541	42.59	nq	99
43) 2,4,5-Trichlorophenol	9.20	196	92976	44.20	nq	95
45) 1,1'-Biphenyl	9.33	154	396154	46.28	nq	97
46) 2-Chloronaphthalene	9.36	162	296629	44.18	nq	95
47) 2-Nitroaniline	9.45	65	75967	37.62	nq	91
48) Acenaphthylene	9.77	152	444891	37.37	nq	99
49) Dimethylphthalate	9.63	163	325863	38.03	nq	# 90
50) 2,6-Dinitrotoluene	9.70	165	74761	40.00	nq	# 85
51) Acenaphthene	9.94	154	306045	41.81	nq	99
52) 3-Nitroaniline	9.86	138	45342	23.02	nq	90
53) 2,4-Dinitrophenol	9.97	184	63638	92.92	nq	# 84
54) Dibenzofuran	10.11	168	394583	41.51	nq	91
55) 4-Nitrophenol	10.04	139	112043	91.09	nq	89
56) 2,4-Dinitrotoluene	10.10	165	101419	42.33	nq	99
57) Fluorene	10.45	166	304496	41.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	77399	49.73	nq	95
59) Diethylphthalate	10.33	149	346444	39.11	nq	96
60) 4-Chlorophenyl-phenylether	10.44	204	136511	37.47	nq	# 78
61) 4-Nitroaniline	10.48	138	70524	34.60	nq	98
62) Azobenzene	10.60	77	323705	43.60	nq	88
64) 4,6-Dinitro-2-methylphenol	10.51	198	50795	42.06	nq	88
65) n-Nitrosodiphenylamine	10.57	169	297591	41.09	nq	99
66) 4-Bromophenyl-phenylether	10.93	248	86847	35.69	nq	# 70
67) Hexachlorobenzene	11.01	284	100037	39.04	nq	# 89
68) Atrazine	11.09	200	82452	35.94	nq	99
69) Pentachlorophenol	11.21	266	92589	84.86	nq	98
70) Phenanthrene	11.41	178	440916	36.67	nq	99
71) Anthracene	11.47	178	491740	42.30	nq	100
72) Carbazole	11.62	167	403464	35.13	nq	99
73) Di-n-butylphthalate	11.95	149	534383	39.60	nq	# 98
74) Fluoranthene	12.60	202	465644	38.80	nq	99
76) Benzidine	12.72	184	164850	23.91	nq	98
77) Pyrene	12.83	202	464866	42.66	nq	99
79) Butylbenzylphthalate	13.45	149	250501	43.71	nq	97
80) Benzo(a)anthracene	14.02	228	408413	38.59	nq	100
81) 3,3'-Dichlorobenzidine	13.97	252	92038	23.26	nq	# 93
82) Chrysene	14.05	228	356646	34.88	nq	100
83) Bis(2-ethylhexyl)phthalate	14.01	149	320504	41.89	nq	100
84) Di-n-octyl phthalate	14.63	149	559393	46.72	nq	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	306178	40.04	nq	100
87) Benzo(b)fluoranthene	15.06	252	384490m	41.30	nq	
88) Benzo(k)fluoranthene	15.08	252	320034m	41.67	nq	
89) Benzo(a)pyrene	15.41	252	329266	42.83	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	254792	42.61	nq	97
91) Benzo(g,h,i)perylene	17.33	276	247421	42.22	nq	99

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

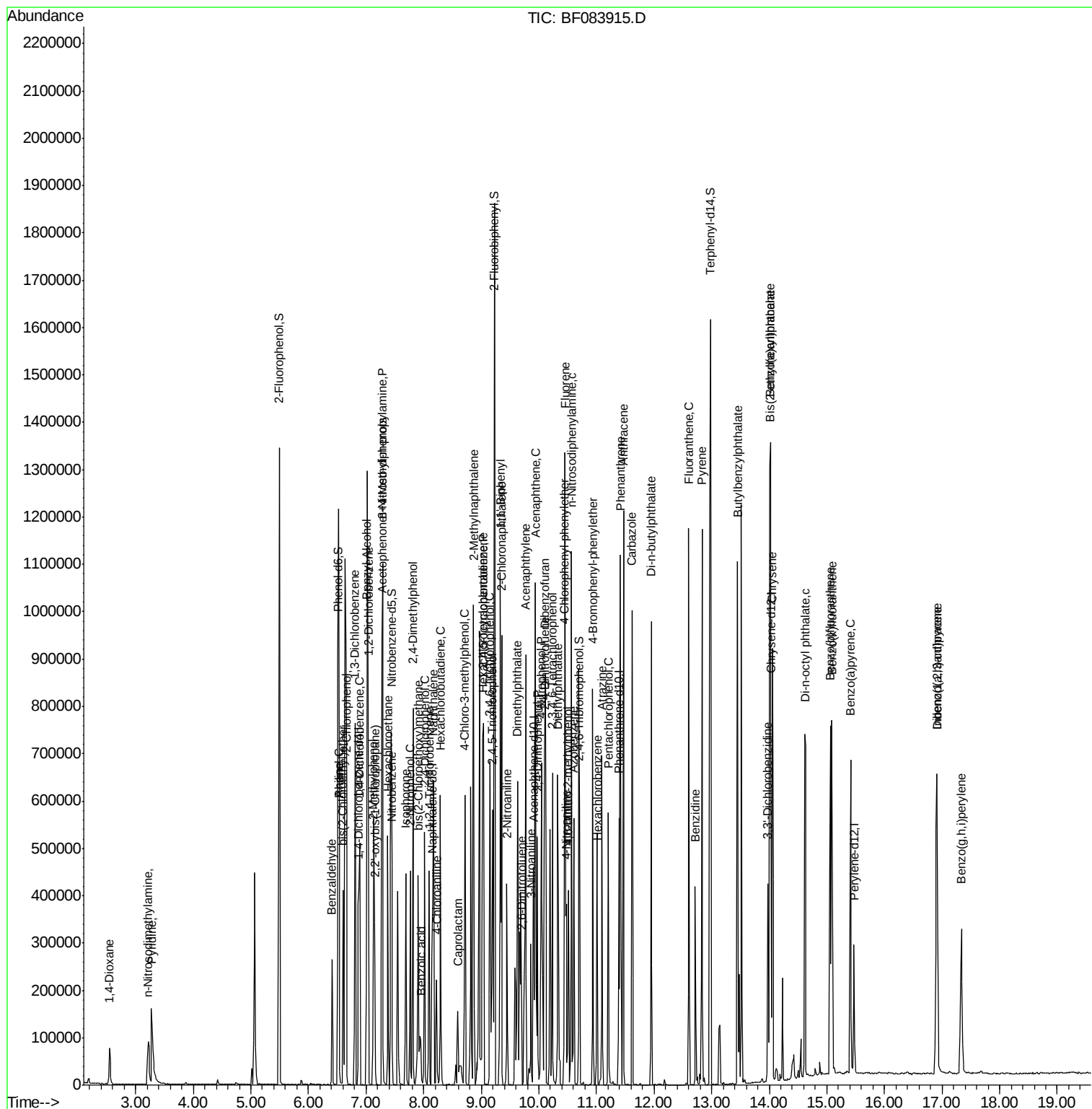
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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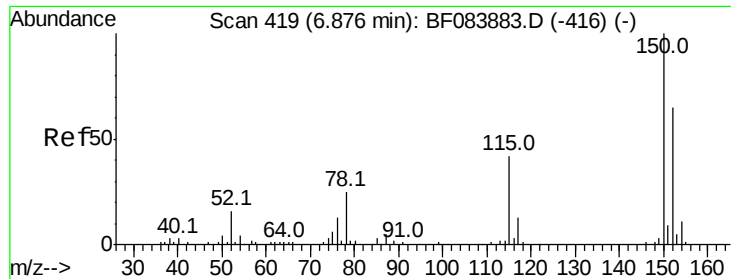
Instrument :
BNA_F
ClientSampleID :
PB87315BS

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#1

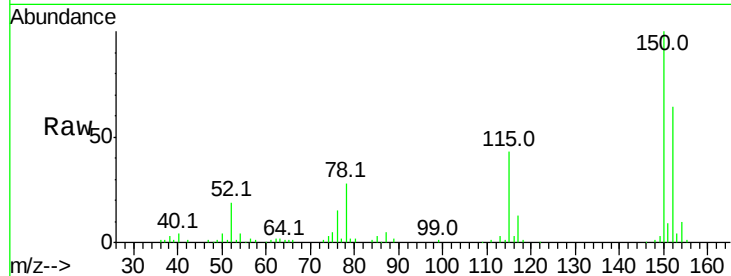
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

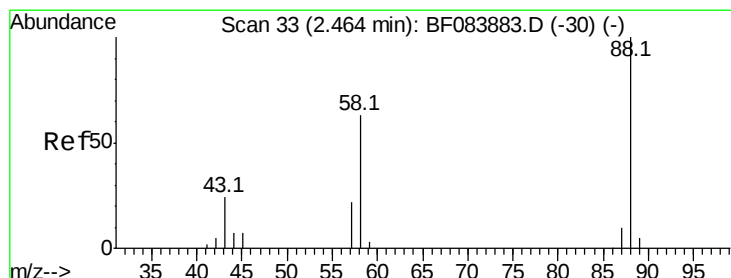
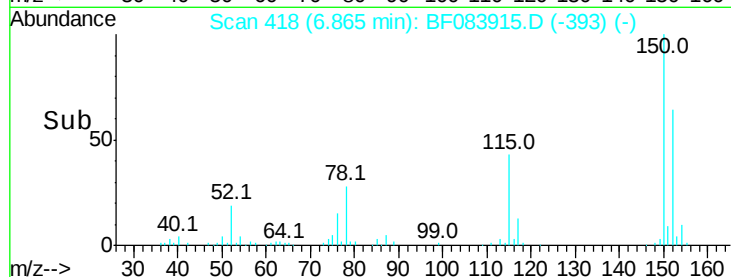
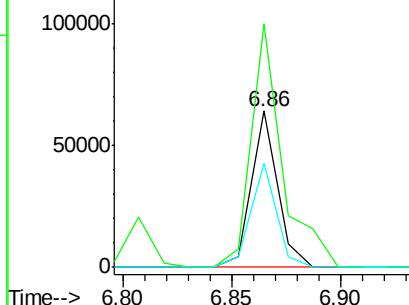
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	123.0	184.4
115	66.8	51.4	77.2

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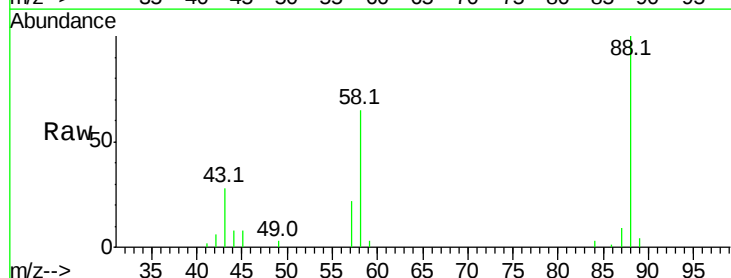
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



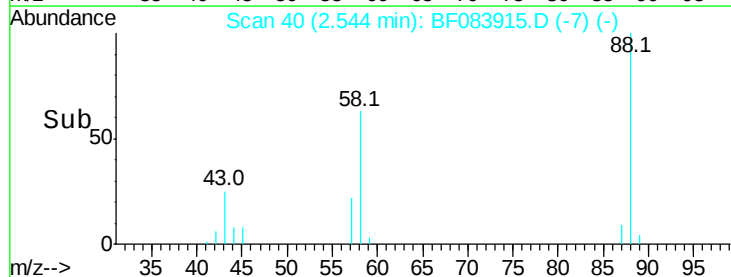
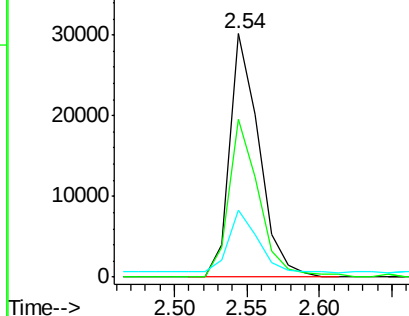
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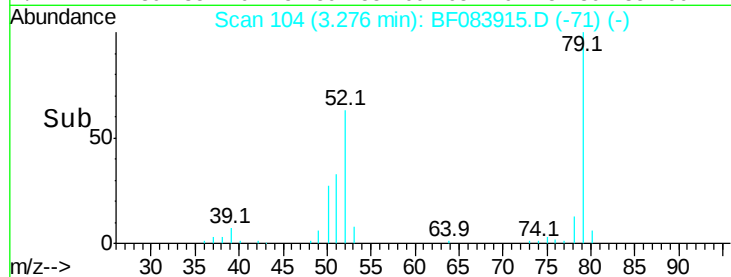
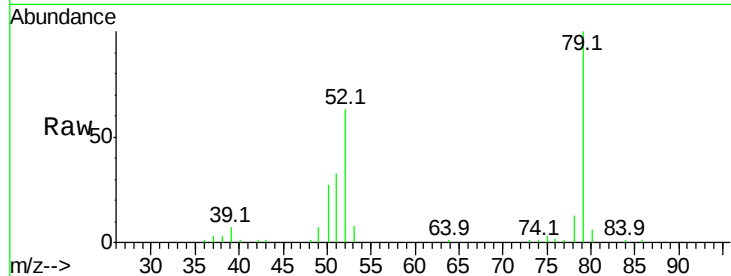
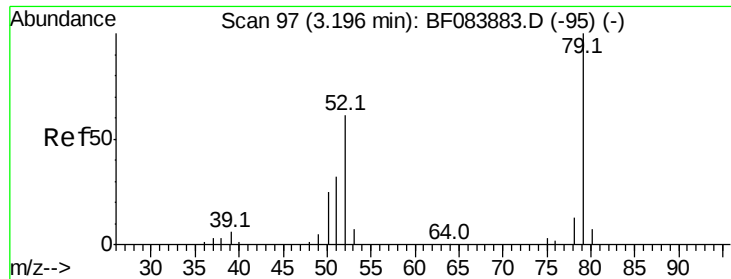
1,4-Dioxane
Concen: 28.45 ng
RT: 2.54 min Scan# 40
Delta R.T. 0.08 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	51.2	76.8
43	25.6	19.5	29.3



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





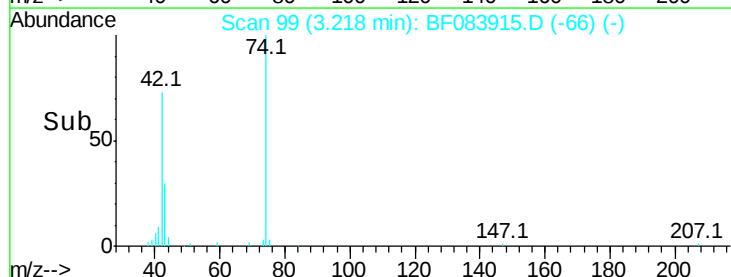
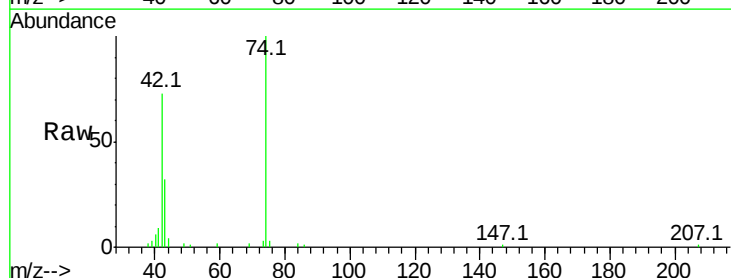
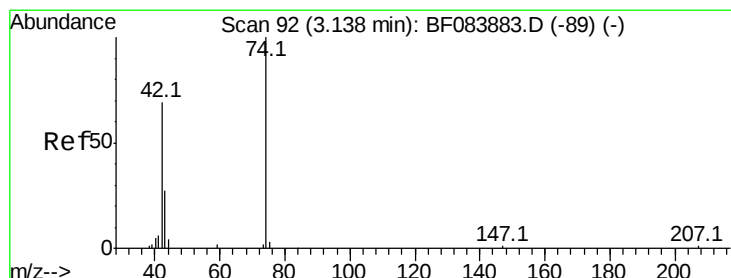
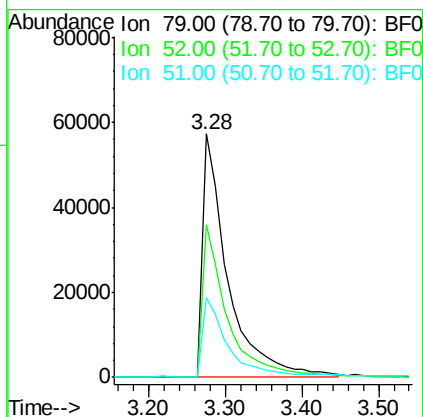
#3
 Pvridine
 Concen: 35.37 ng
 RT: 3.28 min Scan# 104
 Delta R.T. 0.08 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		129975		
52	62.7	49.0		73.4	
51	32.6	25.2		37.8	

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 BNA_F
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 PB87315BS

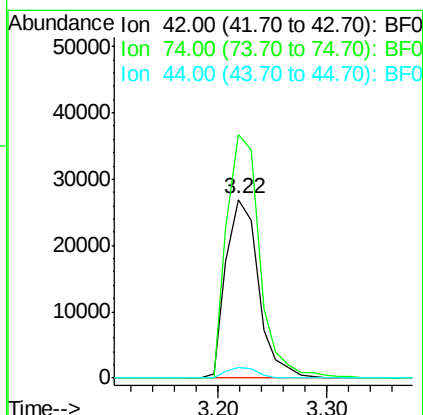
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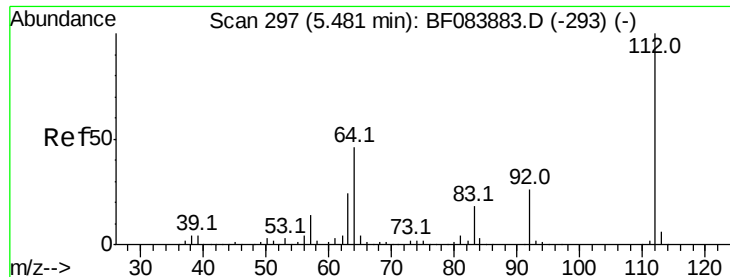
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#4
 n-Nitrosodimethylamine
 Concen: 39.79 ng
 RT: 3.22 min Scan# 99
 Delta R.T. 0.08 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		55775		
74	136.4	115.7		173.5	
44	5.9	5.1		7.7	





#5

2-Fluorophenol

Concen: 112.33 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

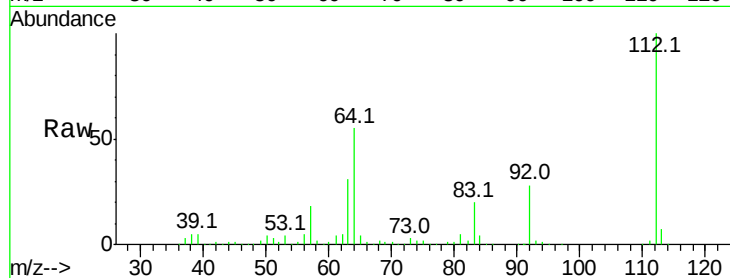
ClientSampleId :

PB87315BS

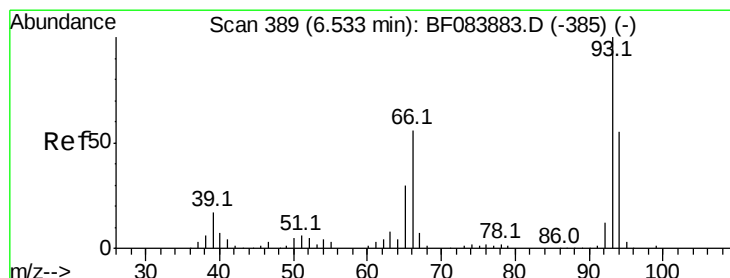
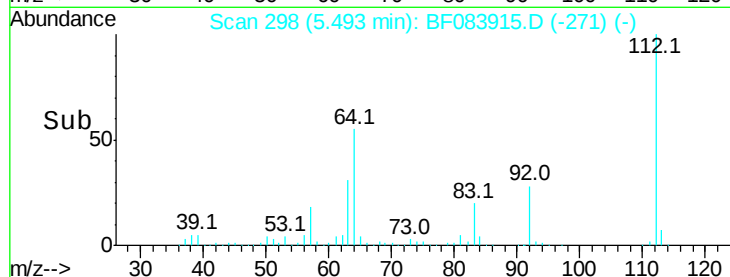
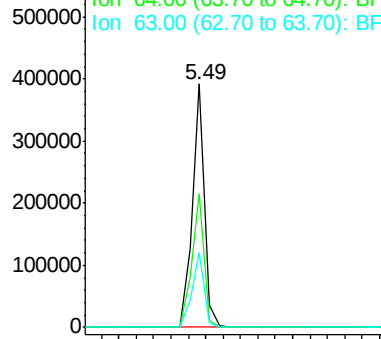
Tot Ion:	112	Resp:	384824
Ion Ratio	Lower	Upper	
112	100		
64	54.9	36.6	55.0
63	30.5	19.4	29.0#

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Abundance Ion 112.00 (111.70 to 112.70): BF083883.D (-293) (-)



#6

Aniline

Concen: 23.53 ng

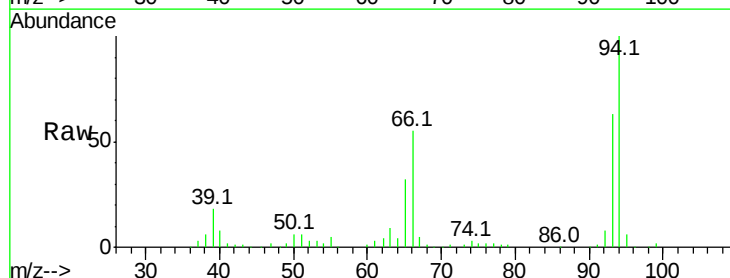
RT: 6.53 min Scan# 389

Delta R.T. 0.00 min

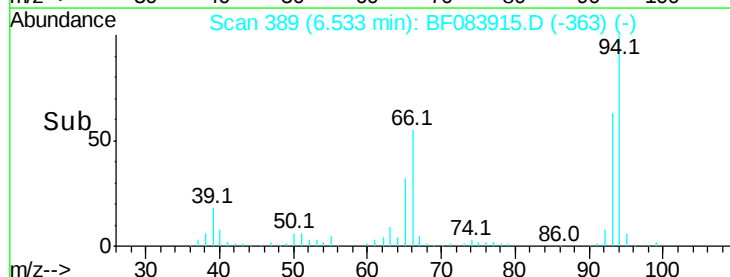
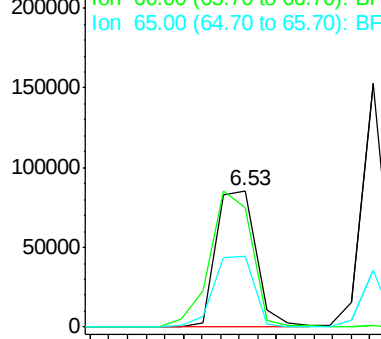
Lab File: BF083915.D

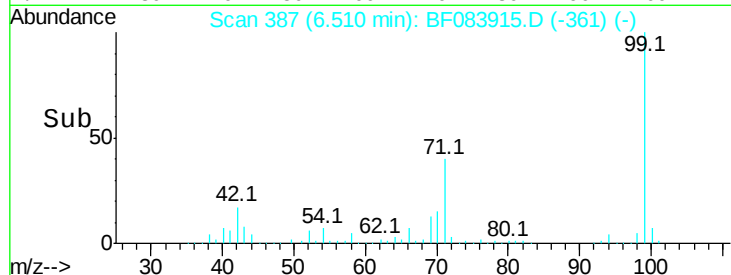
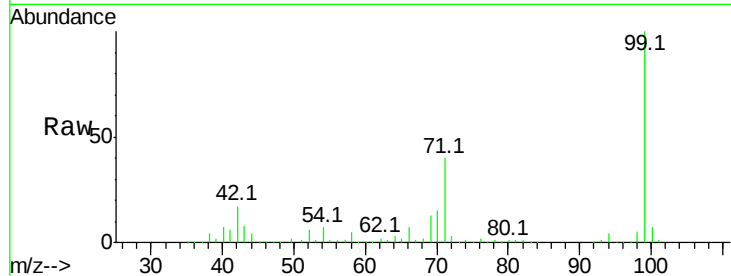
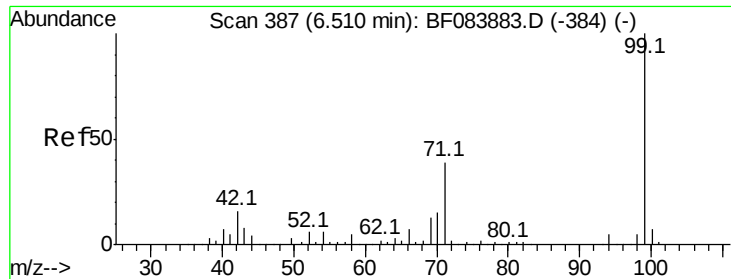
Acq: 18 Dec 2015 16:17

Tgt Ion:	93	Resp:	127065
Ion Ratio	Lower	Upper	
93	100		
66	87.3	44.9	67.3#
65	51.5	23.7	35.5#



Abundance Ion 93.00 (92.70 to 93.70): BF083883.D (-385) (-)





#7

Phenol-d6

Concen: 118.24 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		495836		
42	16.8	12.8	19.2		
71	40.1	30.9	46.3		

Instrument :

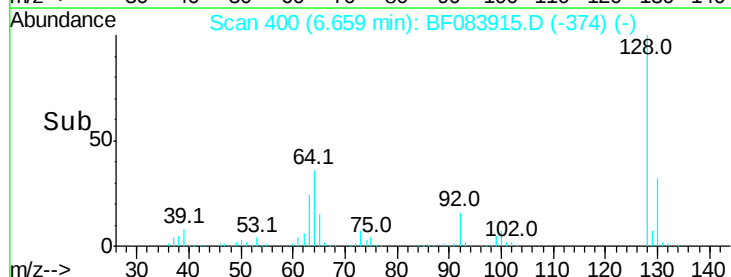
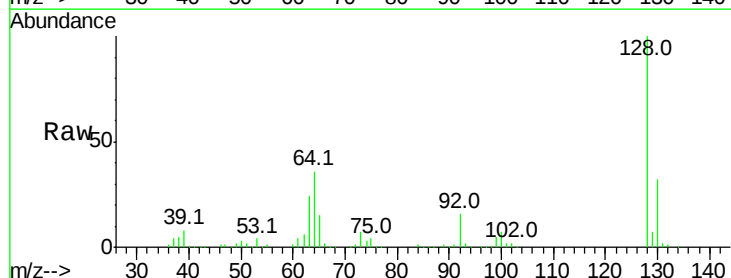
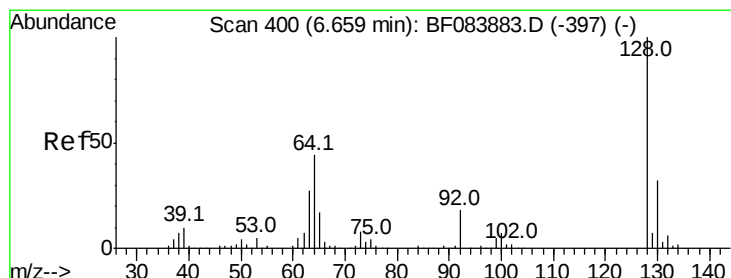
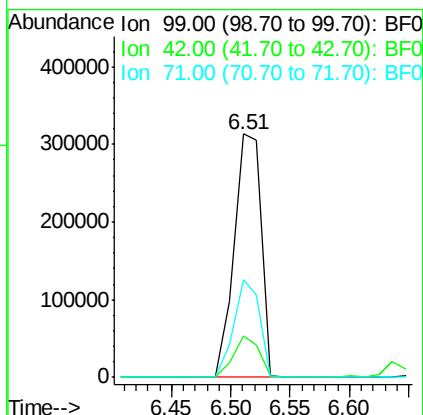
BNA_F

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#8

2-Chlorophenol

Concen: 40.21 ng

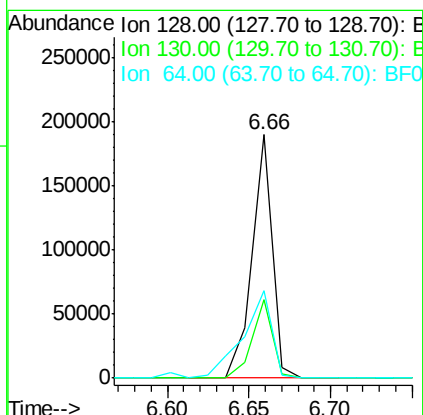
RT: 6.66 min Scan# 400

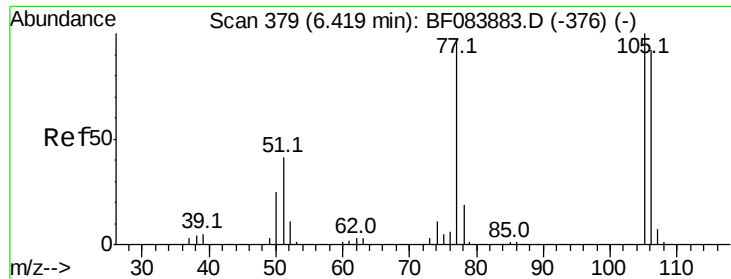
Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		163953		
130	32.3	11.6	51.6		
64	35.9	23.8	63.8		





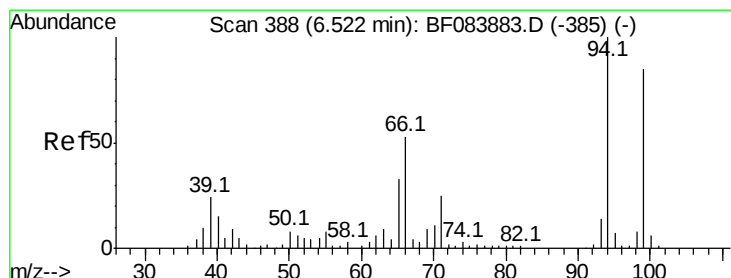
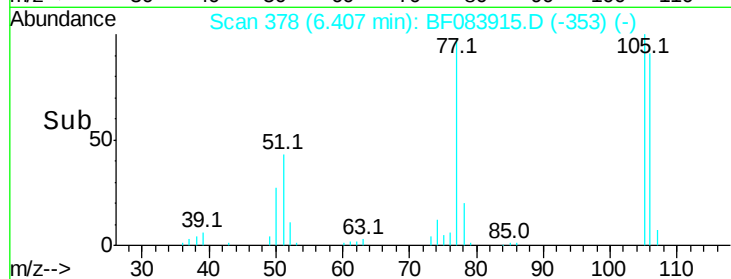
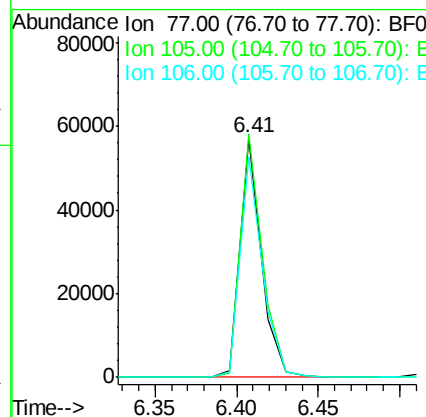
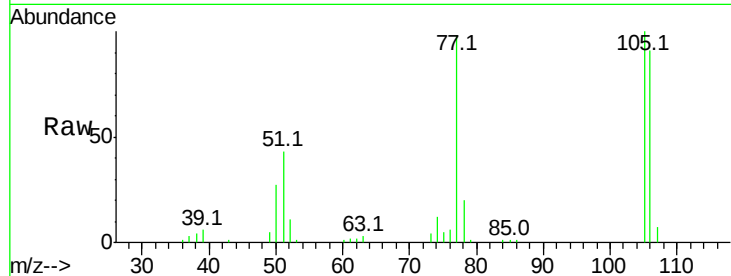
#9
Benzaldehyde
Concen: 20.13 ng
RT: 6.41 min Scan# 378
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
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Tot Ion: 77 Resp: 50847
Ion Ratio Lower Upper
77 100
105 102.0 83.0 123.0
106 92.6 74.6 114.6

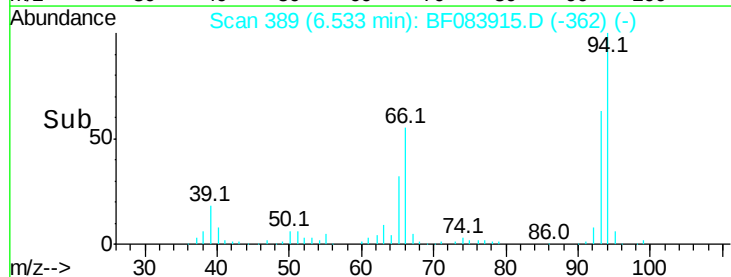
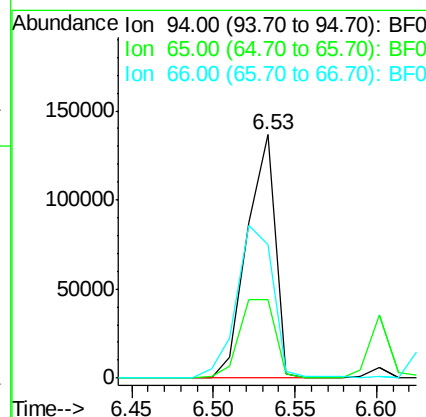
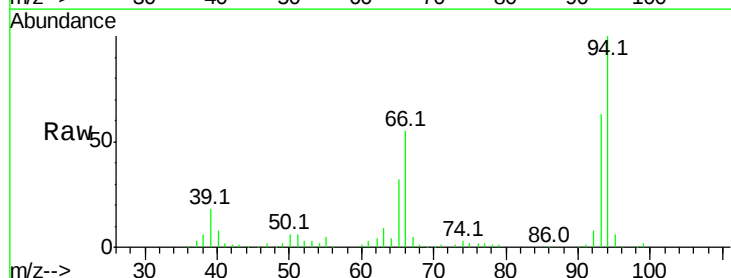
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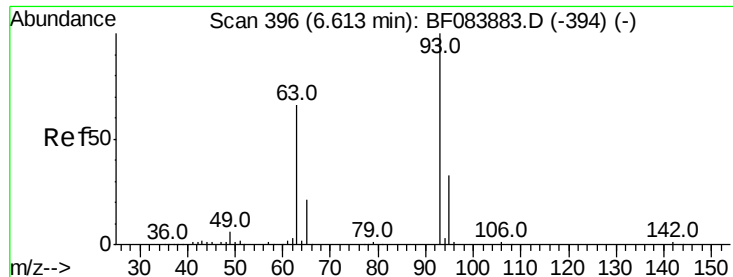
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#10
Phenol
Concen: 34.99 ng
RT: 6.53 min Scan# 389
Delta R.T. 0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion: 94 Resp: 163738
Ion Ratio Lower Upper
94 100
65 32.2 12.9 52.9
66 54.6 32.7 72.7





#11

bis(2-Chloroethyl)ether

Concen: 35.87 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

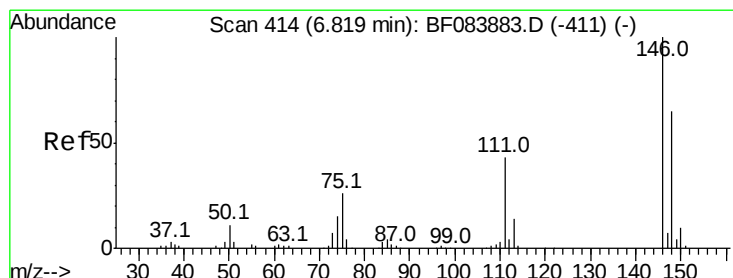
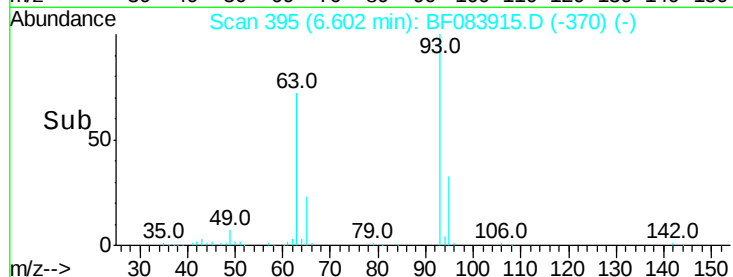
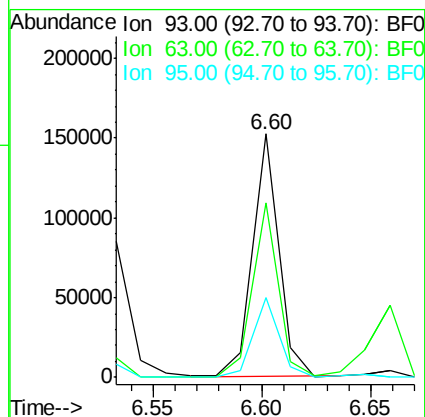
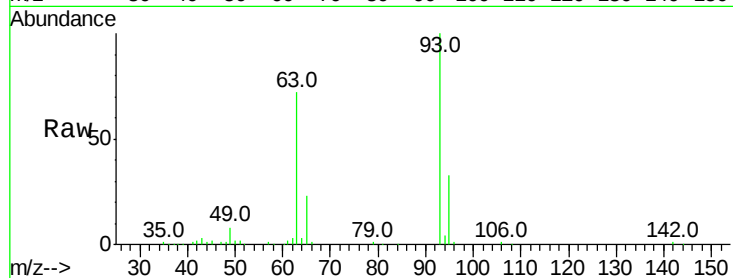
ClientSampleId :

PB87315BS

Tot Ion	93	Resp	127520
Ion Ratio	Lower	Upper	
93	100		
63	71.6	45.9	85.9
95	32.9	12.3	52.3

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#12

1,3-Dichlorobenzene

Concen: 37.56 ng m

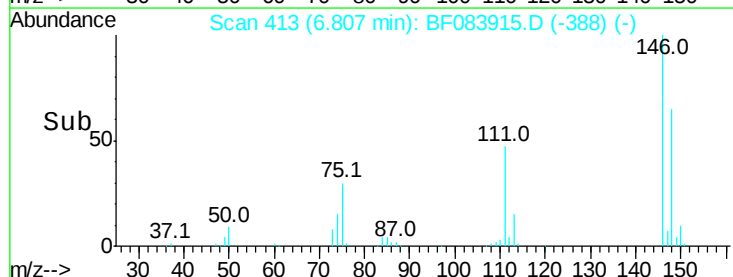
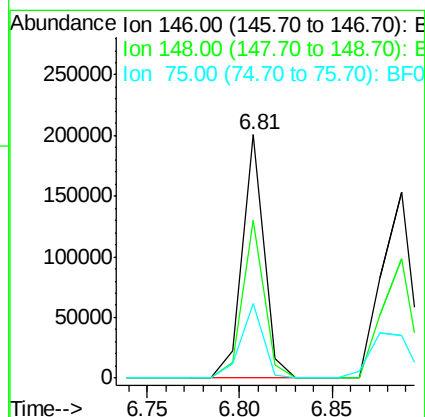
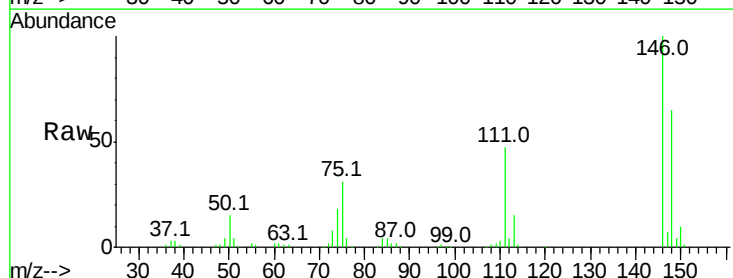
RT: 6.81 min Scan# 413

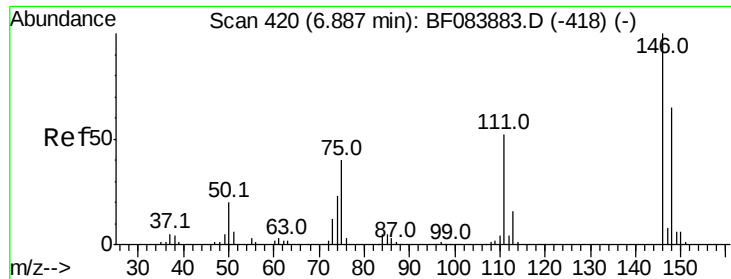
Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion	146	Resp	164700
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.9	77.9
75	30.9	20.5	30.7#





#13

1,4-Dichlorobenzene

Concen: 36.81 ng/mL

RT: 6.89 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

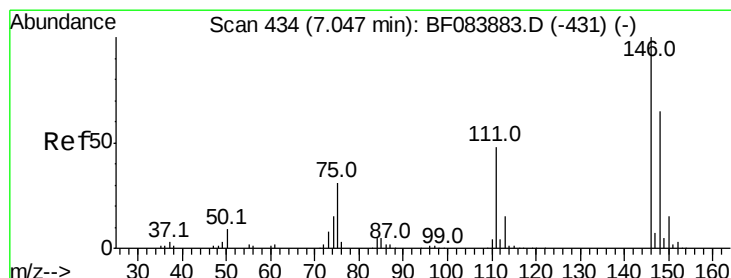
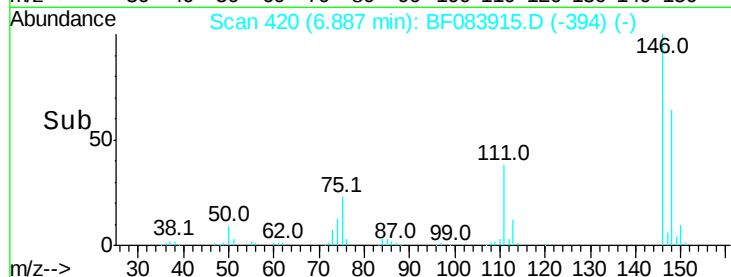
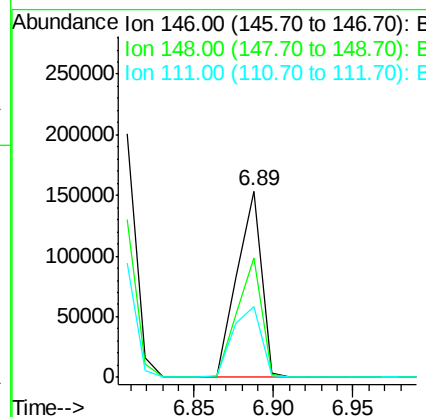
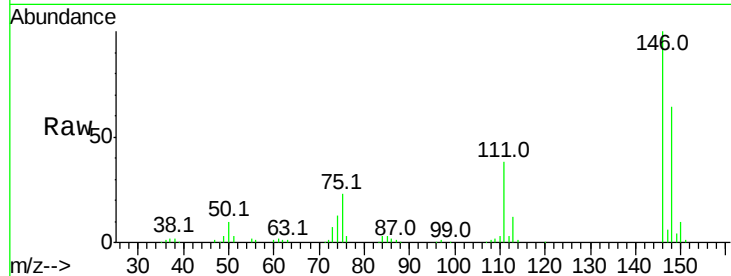
ClientSampleId :

PB87315BS

Tot Ion:	146	Resp:	164765
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.9	77.9
111	37.7	41.6	62.4

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#14

1,2-Dichlorobenzene

Concen: 42.82 ng/mL

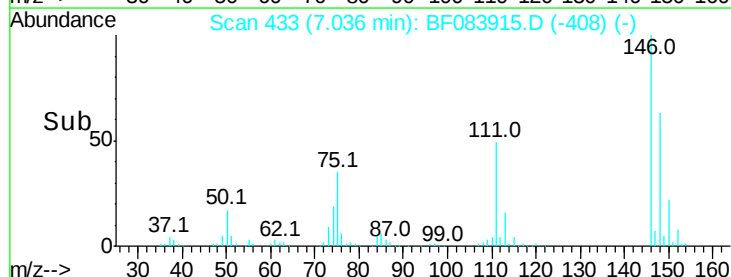
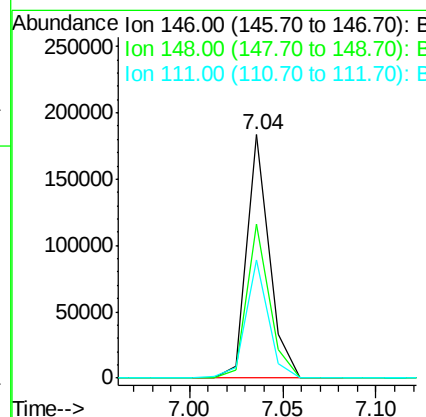
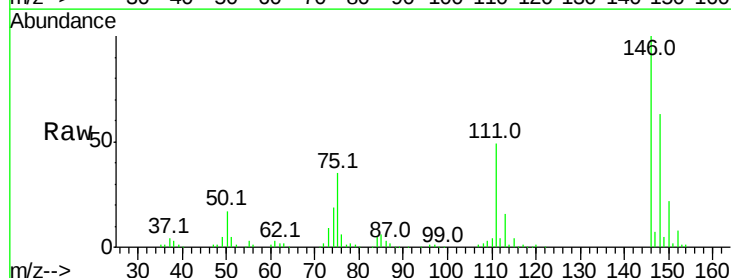
RT: 7.04 min Scan# 433

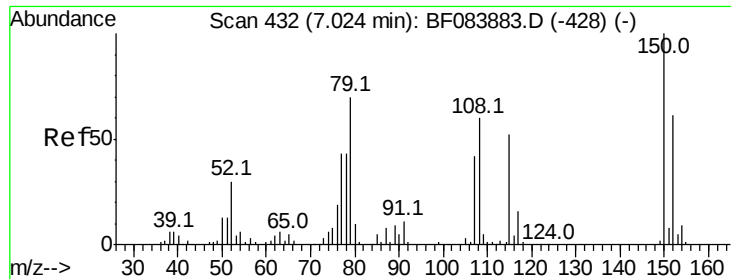
Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion:	146	Resp:	155112
Ion Ratio	Lower	Upper	
146	100		
148	63.4	51.6	77.4
111	48.6	38.0	57.0





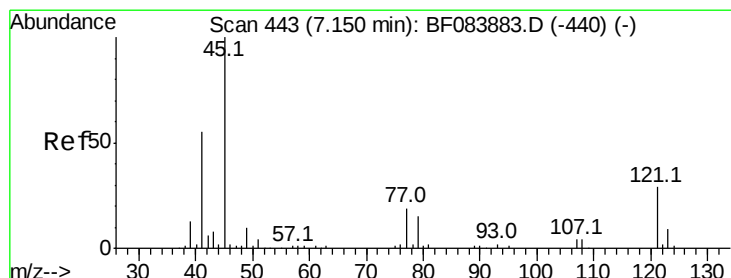
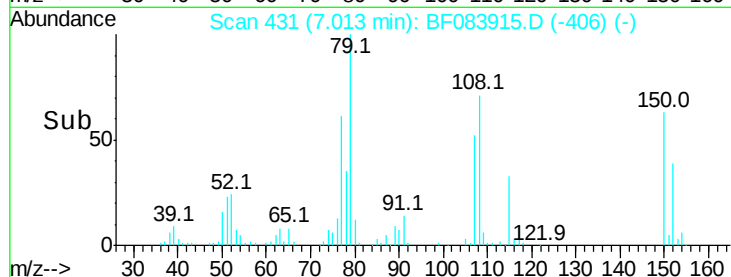
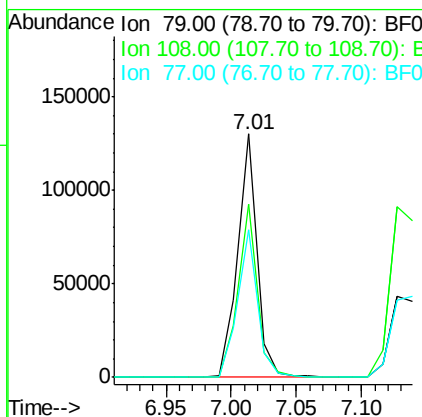
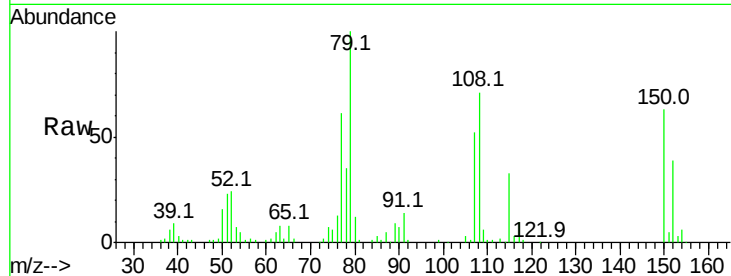
#15
Benzyl Alcohol
Concen: 42.23 ng
RT: 7.01 min Scan# 431
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion: 79 Resp: 134003
Ion Ratio Lower Upper
79 100
108 71.3 69.0 103.4
77 60.8 50.0 75.0

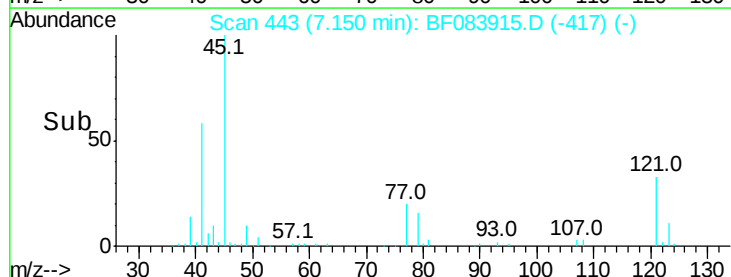
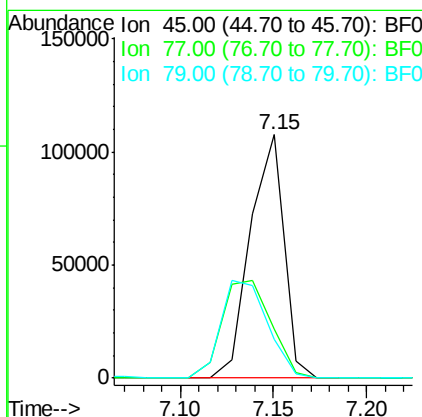
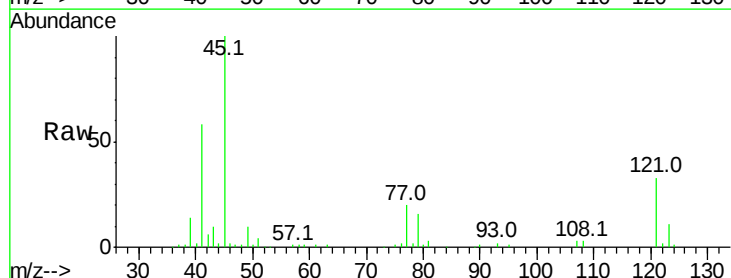
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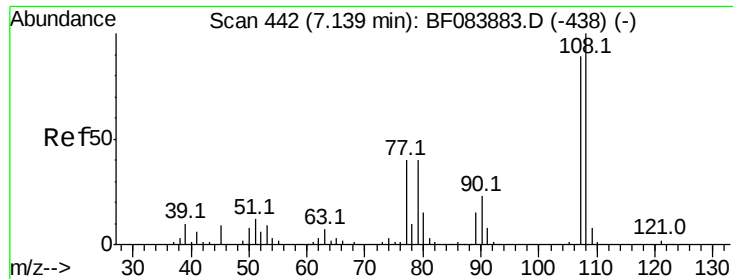
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#16
2,2'-oxybis(1-chloropropane)
Concen: 36.68 ng
RT: 7.15 min Scan# 443
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion: 45 Resp: 134460
Ion Ratio Lower Upper
45 100
77 20.1 0.0 39.6
79 15.9 0.0 35.0





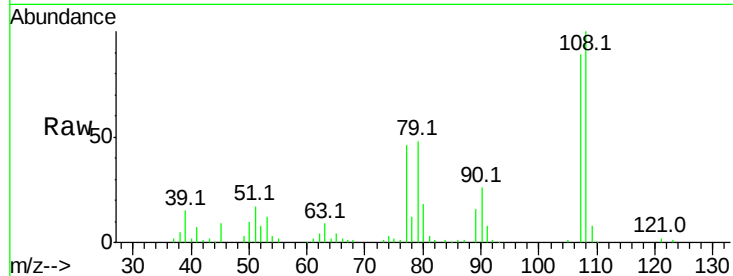
#17
2-Methylphenol
Concen: 37.06 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

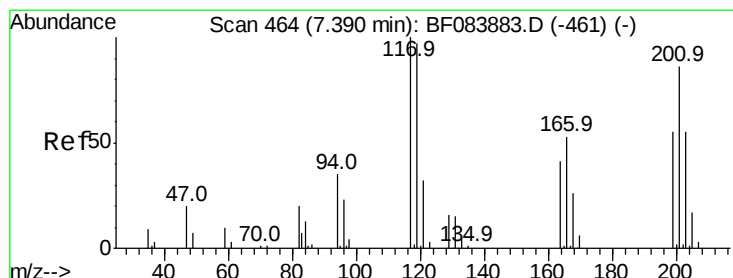
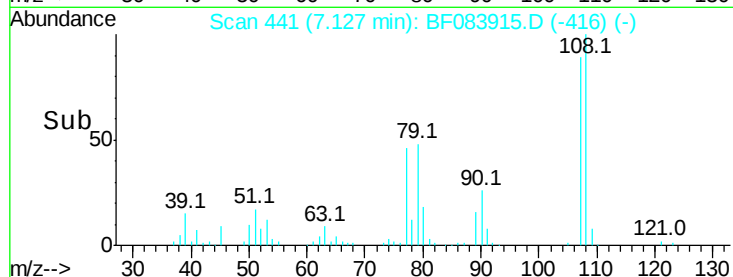
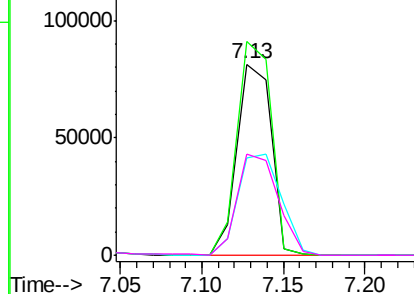
Tot Ion	Ratio	Resp	Lower	Upper
107	100	118517		
108	111.9	89.8	134.6	
77	51.0	35.7	53.5	
79	53.3	35.7	53.5	

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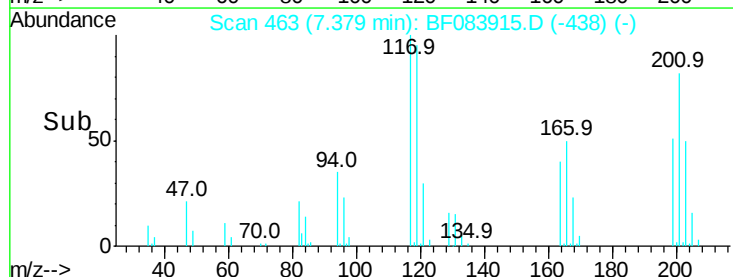
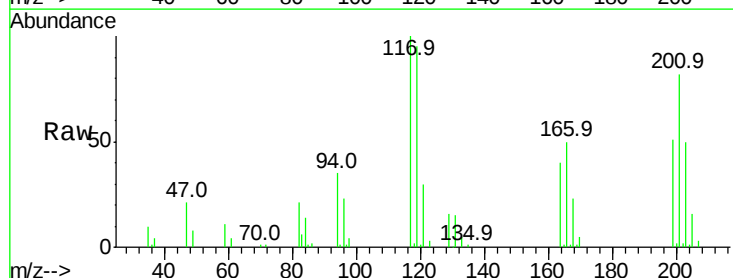
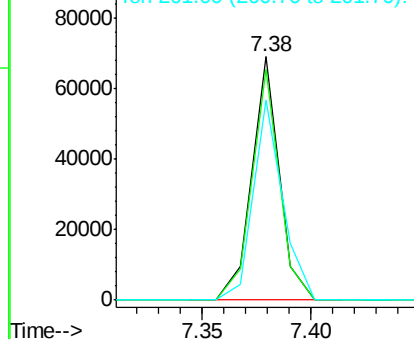
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

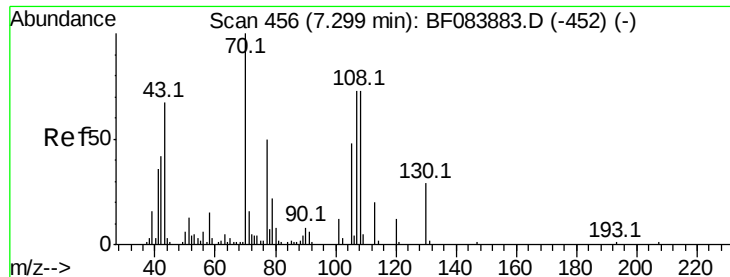


#18
Hexachloroethane
Concen: 36.83 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	60501		
119	95.0	77.4	116.0	
201	82.2	68.6	103.0	

Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





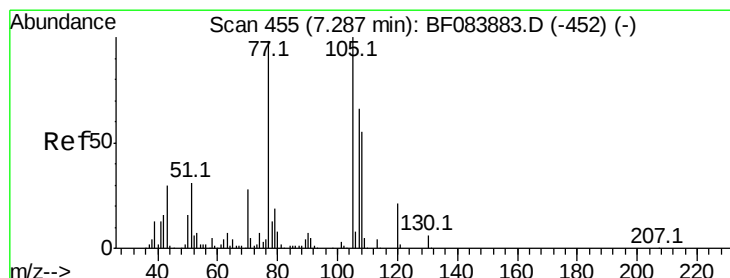
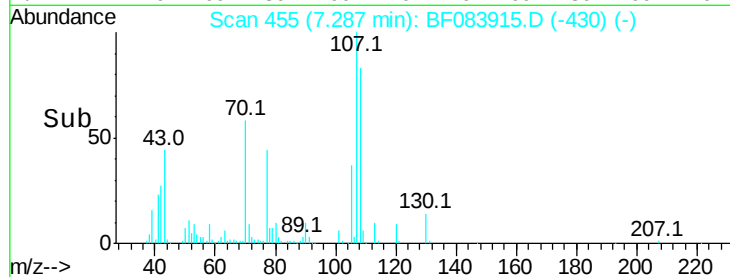
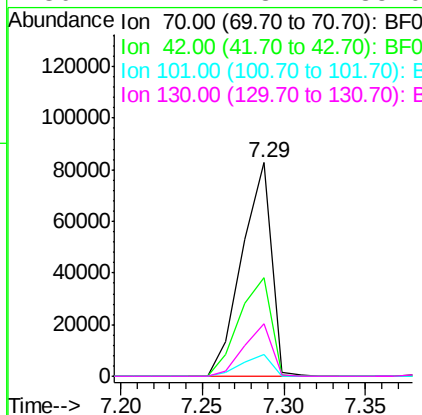
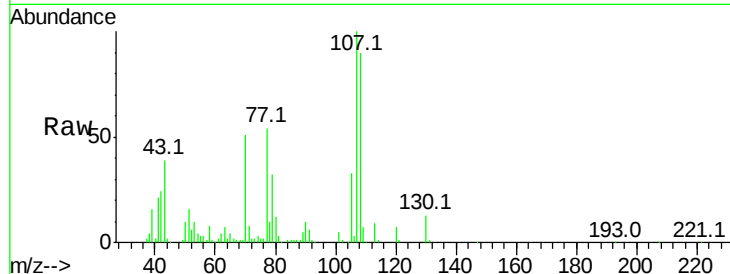
#19
n-Nitroso-di-n-propylamine
Concen: 42.28 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	46.4	33.3	49.9		
101	10.2	9.3	13.9		
130	24.7	23.4	35.0		

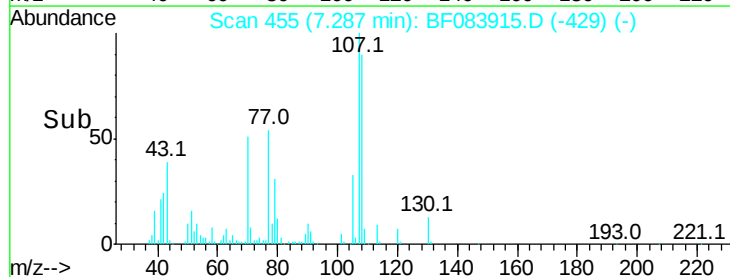
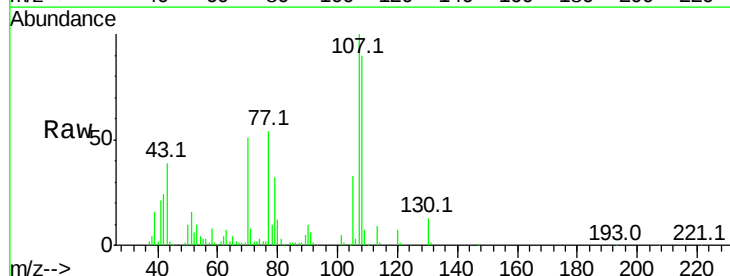
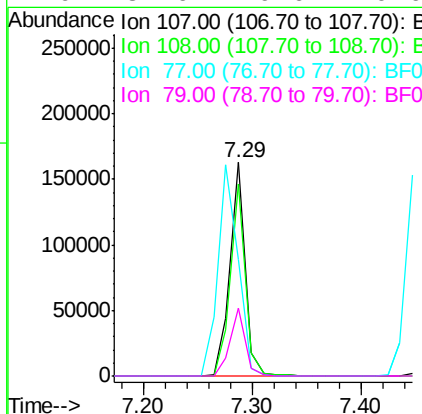
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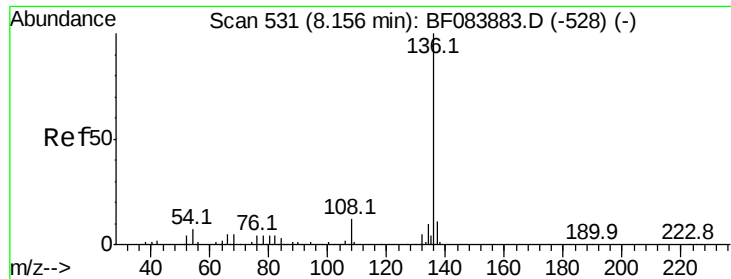
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#20
3+4-Methylphenols
Concen: 41.86 ng
RT: 7.29 min Scan# 455
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	90.1	64.1	104.1		
77	54.4	128.9	168.9#		
79	31.6	9.6	49.6		





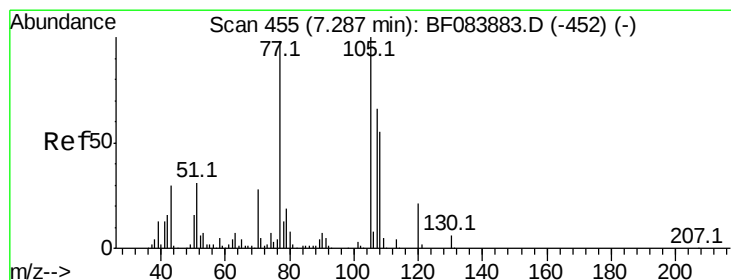
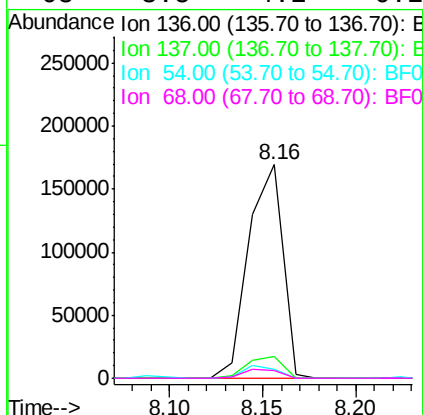
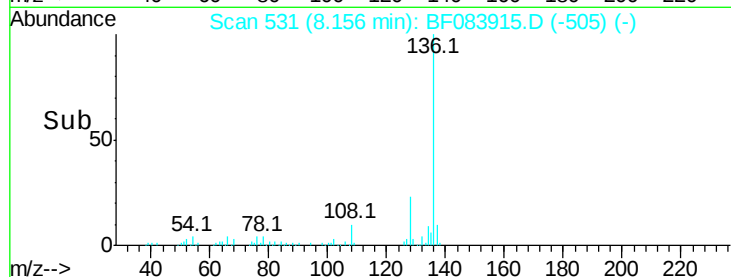
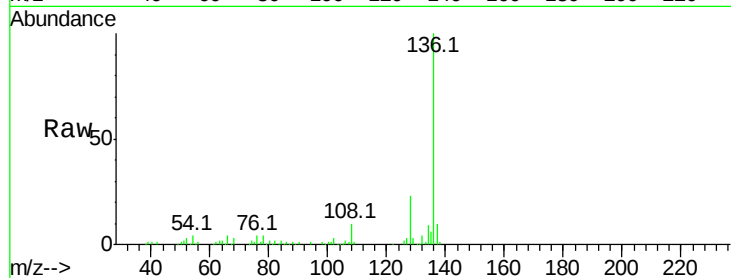
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	215000		
137	10.2		8.7	13.1
54	4.3		5.8	8.8#
68	3.5		4.2	6.2#

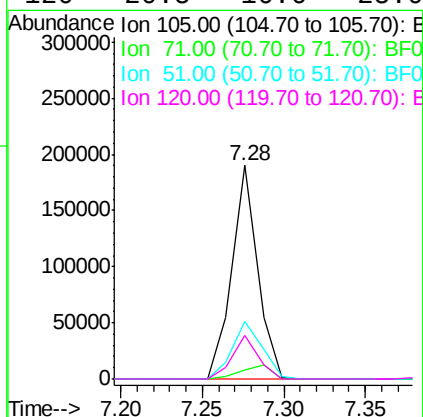
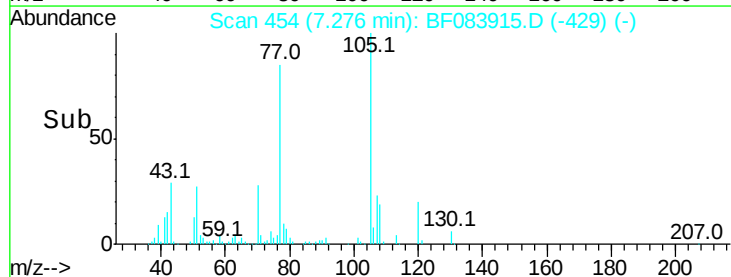
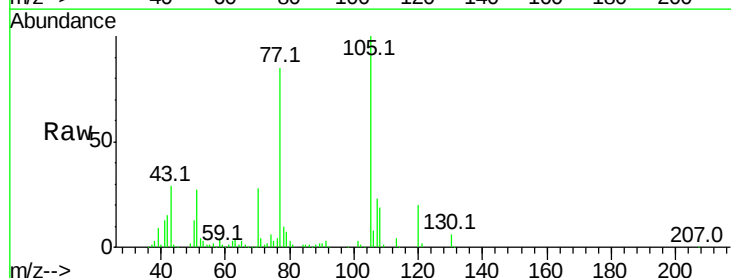
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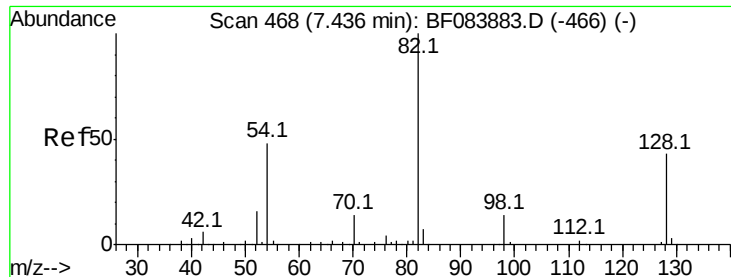
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#22
Acetophenone
Concen: 39.89 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	206470		
71	4.4		3.7	5.5
51	27.0		25.1	37.7
120	20.5		16.6	25.0





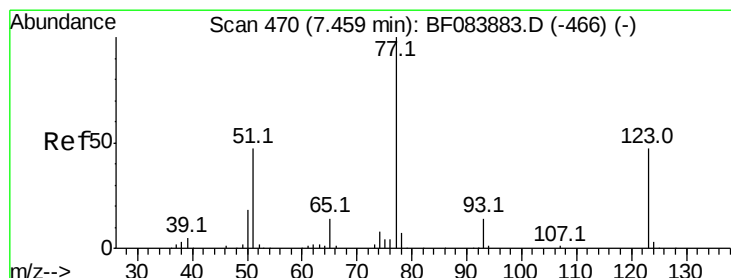
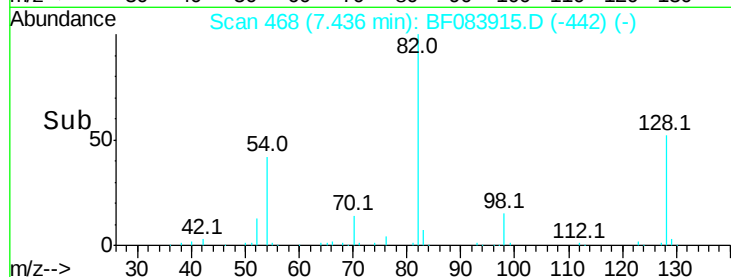
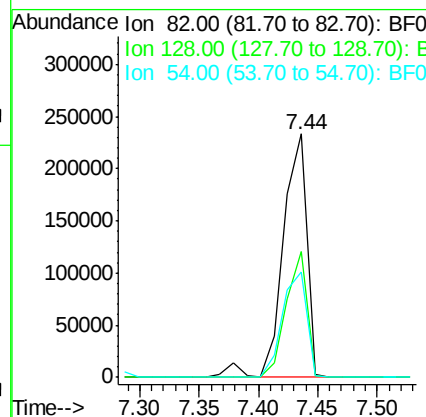
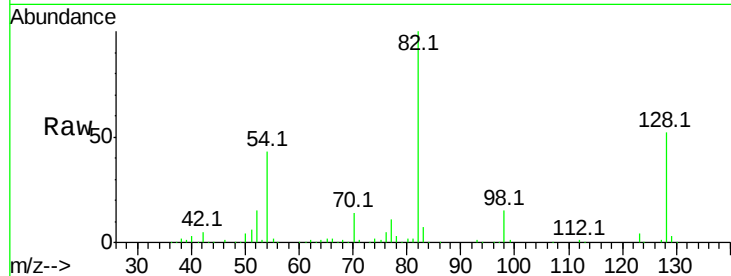
#23
 Nitrobenzene-d5
 Concen: 85.42 ng
 RT: 7.44 min Scan# 468
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	34.6	51.8#
54	43.2	38.4	57.6

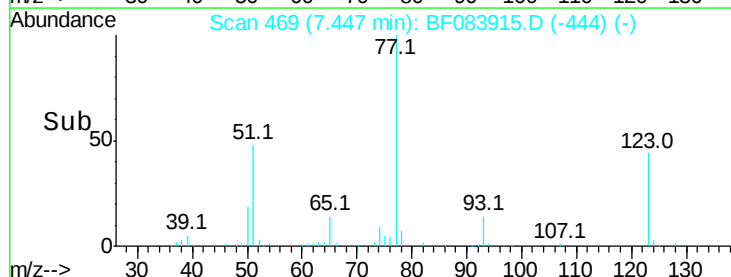
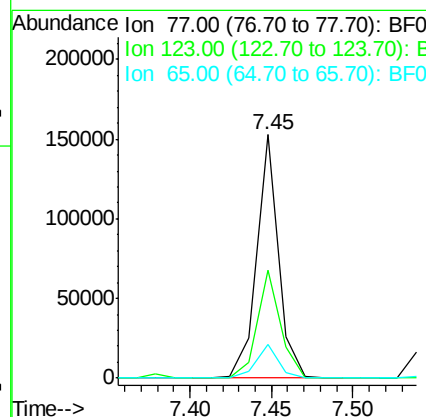
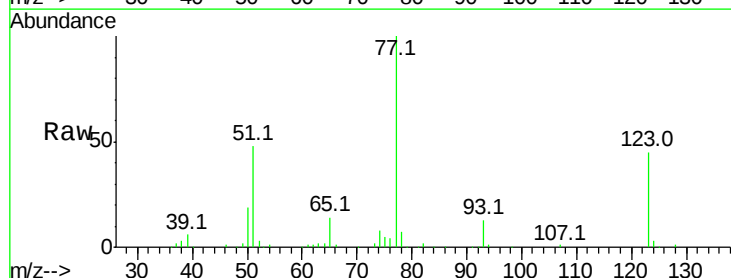
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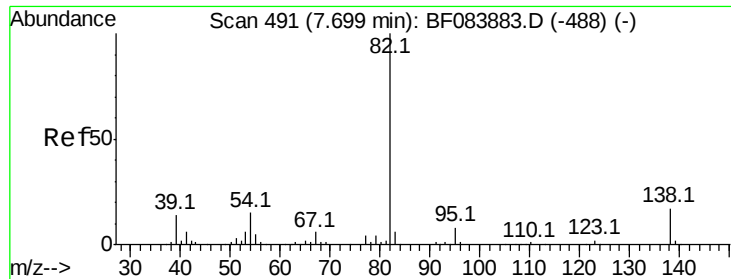
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#24
 Nitrobenzene
 Concen: 36.27 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.5	37.4	56.2
65	14.0	10.9	16.3





#25

Isophorone

Concen: 38.14 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

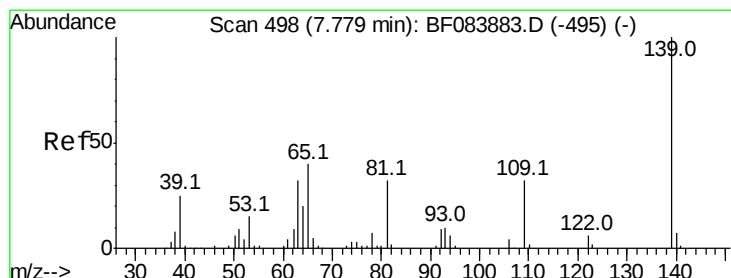
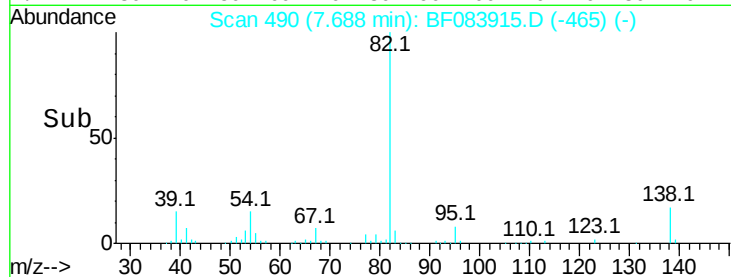
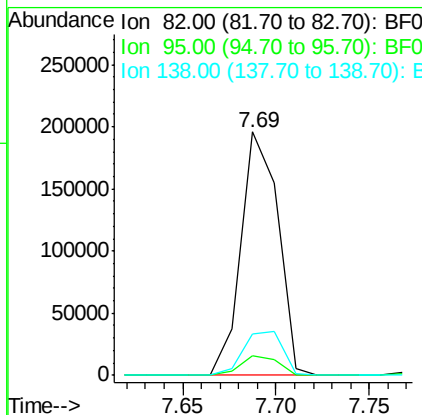
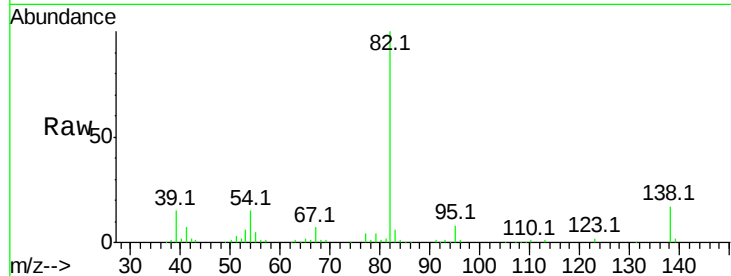
ClientSampleId :

PB87315BS

Tot Ion:	82	Resp:	270355
Ion Ratio		Lower	Upper
82	100		
95	8.2	6.6	10.0
138	16.9	13.6	20.4

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#26

2-Nitrophenol

Concen: 40.56 ng

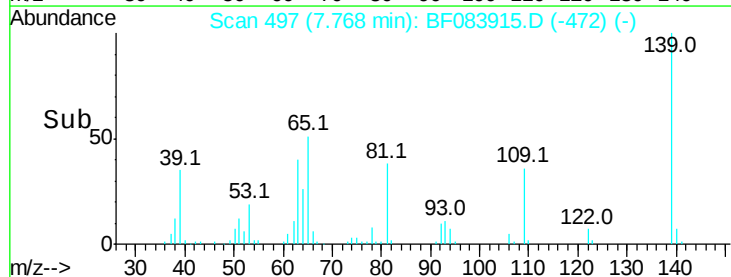
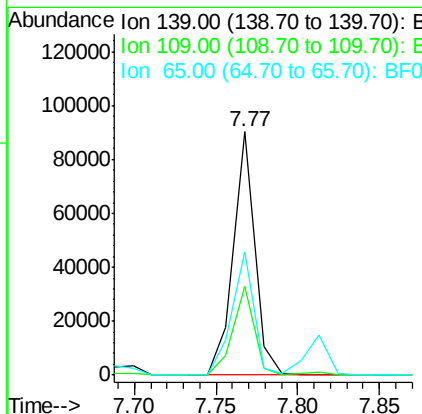
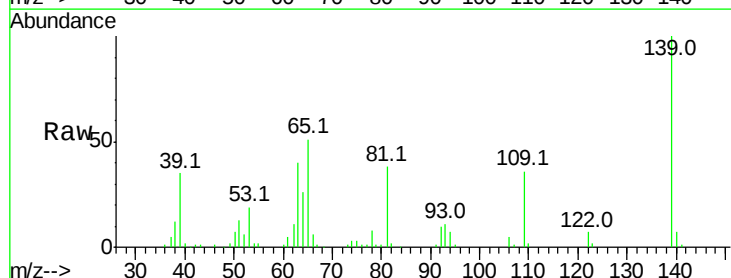
RT: 7.77 min Scan# 497

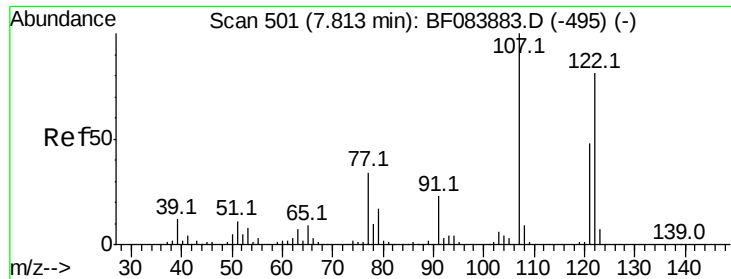
Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion:	139	Resp:	81793
Ion Ratio		Lower	Upper
139	100		
109	36.4	25.4	38.2
65	50.6	32.3	48.5#





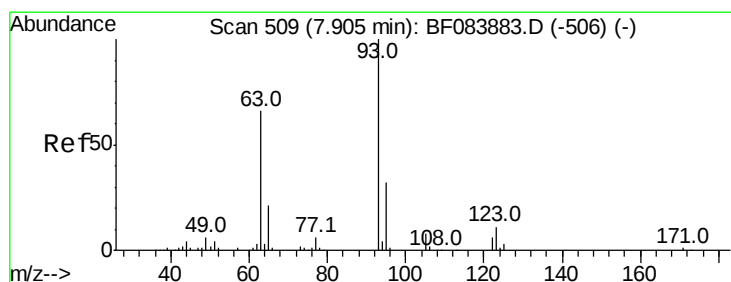
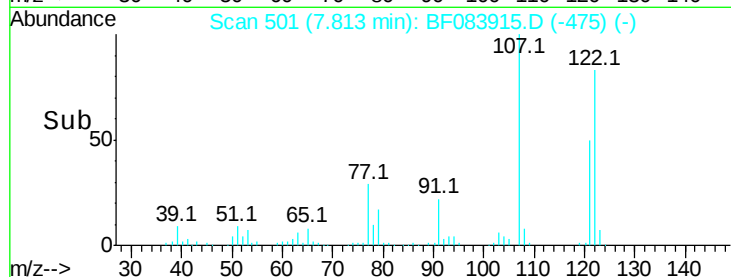
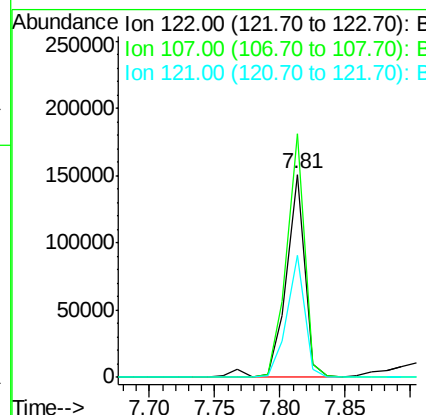
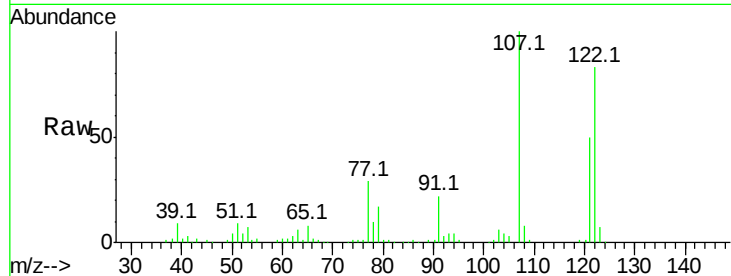
#27
2,4-Dimethylphenol
Concen: 43.03 ng
RT: 7.81 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	149478		
107	120.1	99.1	148.7	
121	60.5	47.9	71.9	

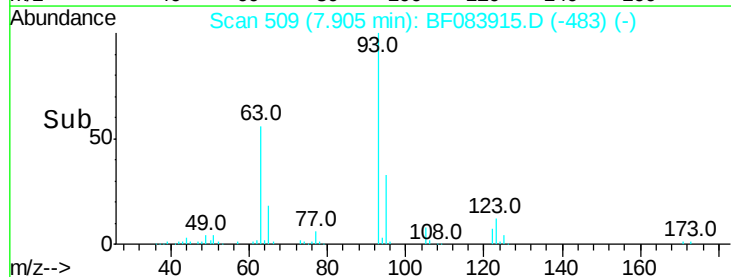
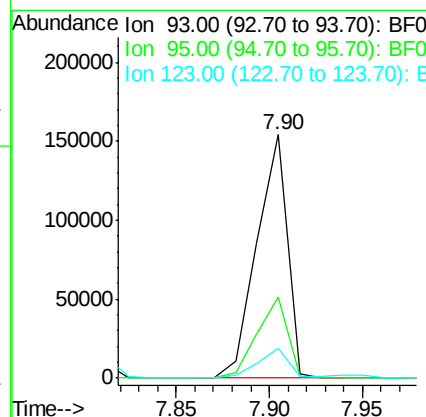
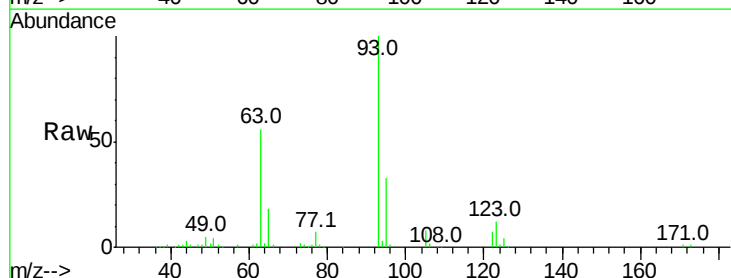
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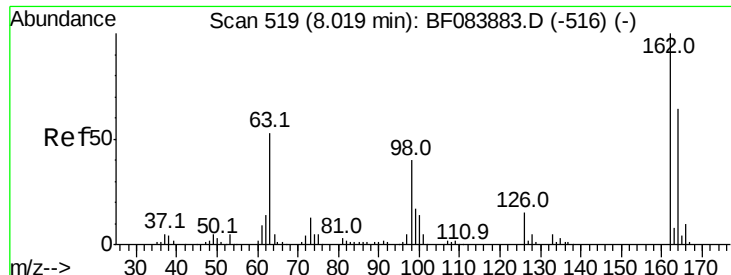
apatel
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#28
bis(2-Chloroethoxy)methane
Concen: 41.29 ng
RT: 7.90 min Scan# 509
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173103		
95	33.1	25.8	38.6	
123	12.2	8.6	12.8	





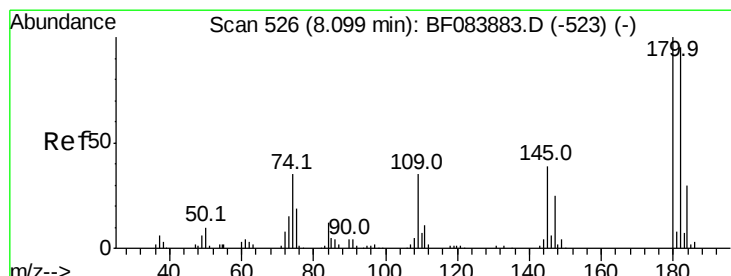
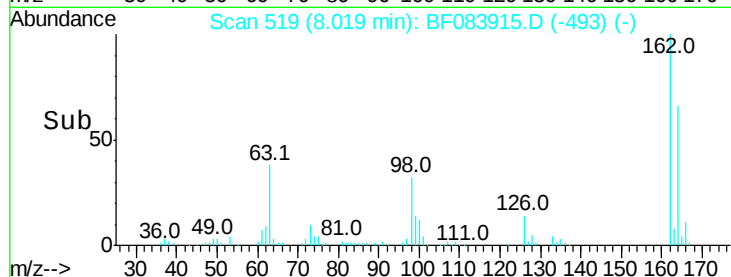
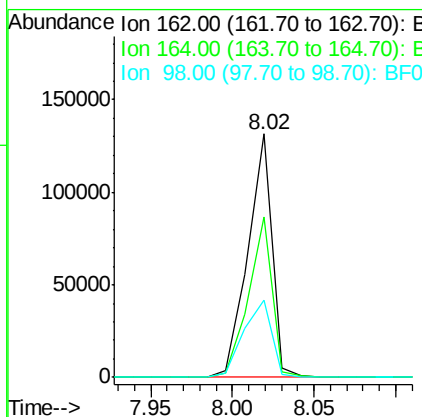
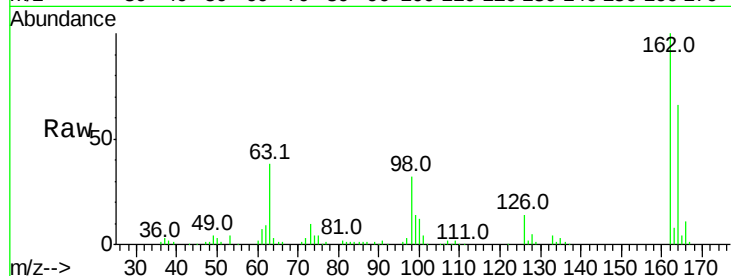
#29
 2,4-Dichlorophenol
 Concen: 42.74 ng
 RT: 8.02 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.8	44.1	84.1
98	31.7	20.2	60.2

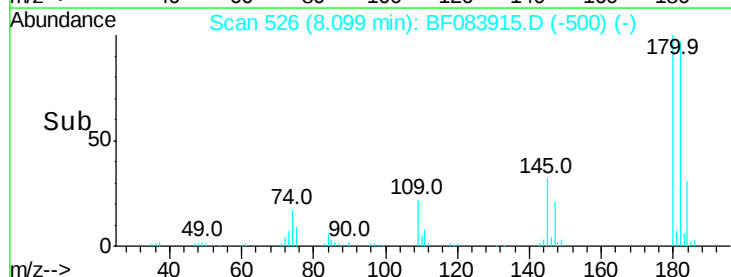
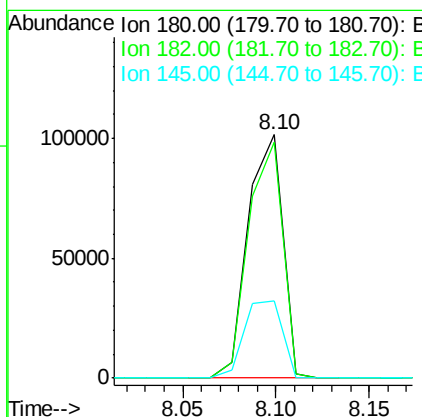
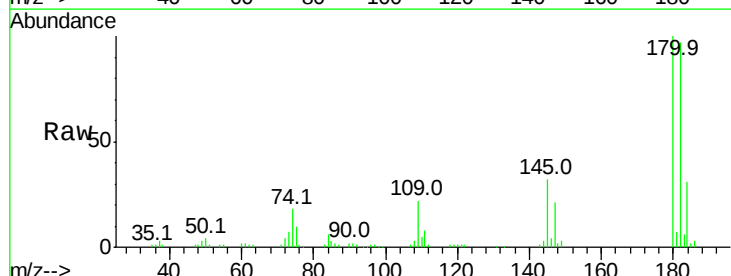
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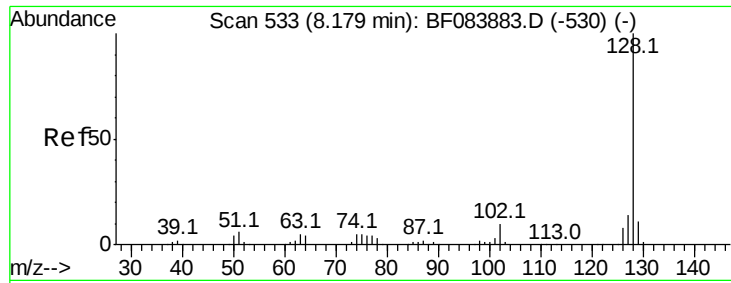
apatel
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#30
 1,2,4-Trichlorobenzene
 Concen: 38.68 ng
 RT: 8.10 min Scan# 526
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.9	76.4	114.6
145	31.8	31.6	47.4





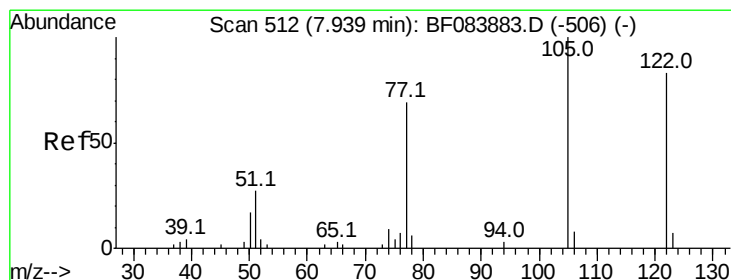
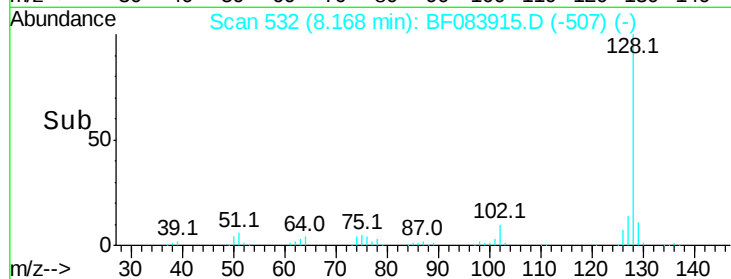
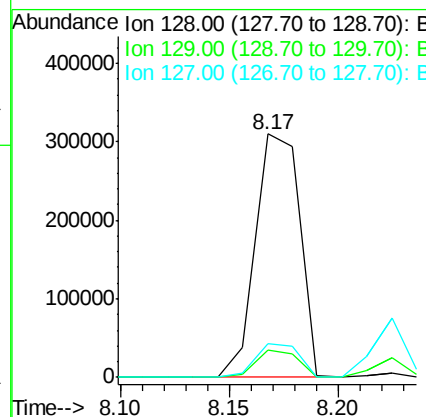
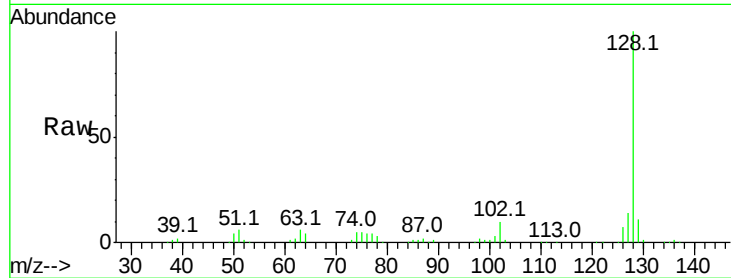
#31
Naphthalene
Concen: 40.73 ng
RT: 8.17 min Scan# 532
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.1	13.7
127	13.6	11.1	16.7

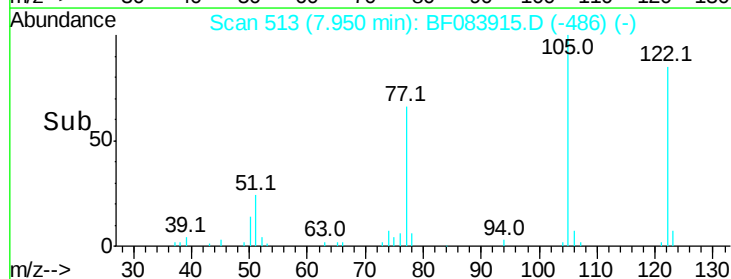
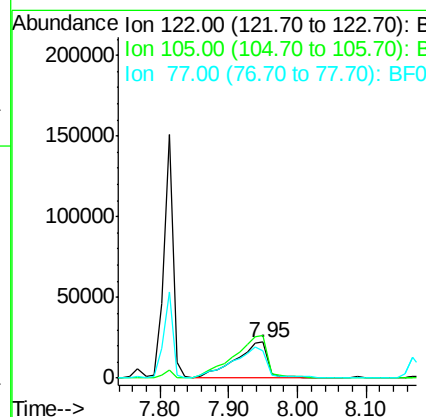
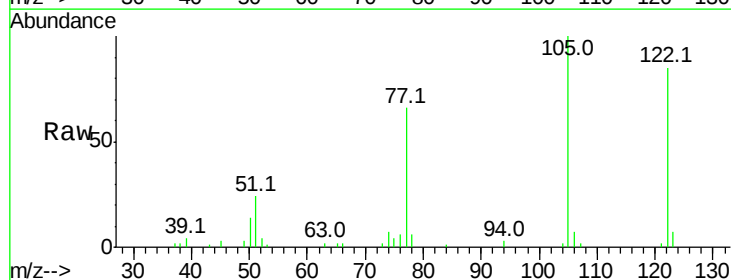
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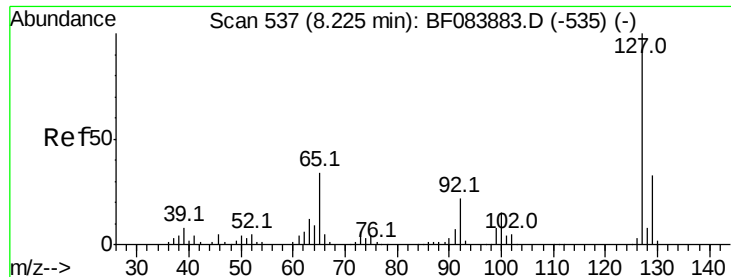
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#32
Benzoic acid
Concen: 54.30 ng
RT: 7.95 min Scan# 513
Delta R.T. 0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	117.2	100.3	140.3
77	76.9	63.5	103.5





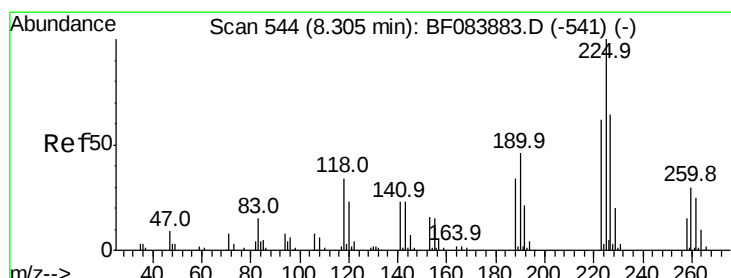
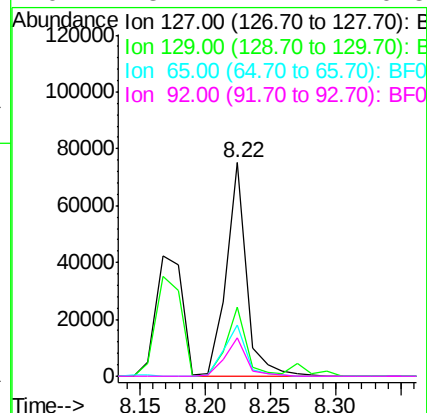
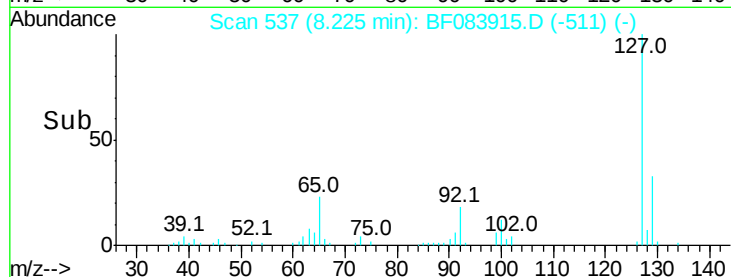
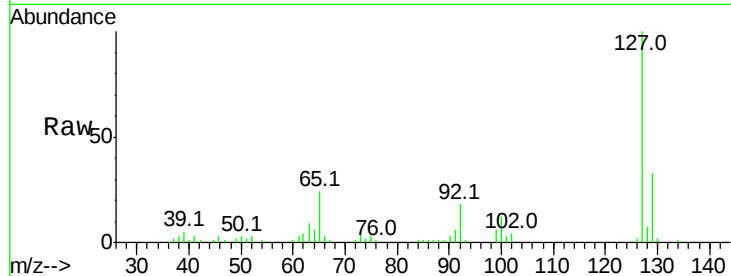
#33
4-Chloroaniline
Concen: 16.71 ng
RT: 8.22 min Scan# 537
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	24.0	27.2	40.8
92	18.1	17.7	26.5

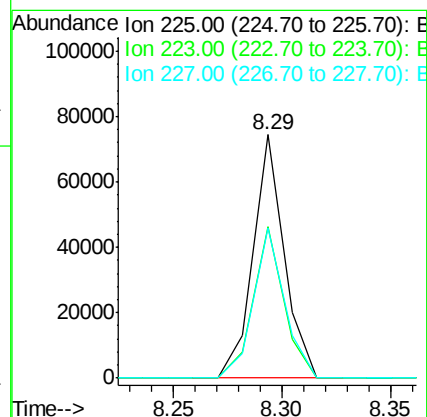
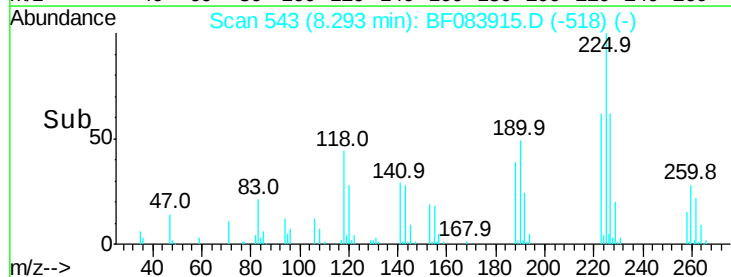
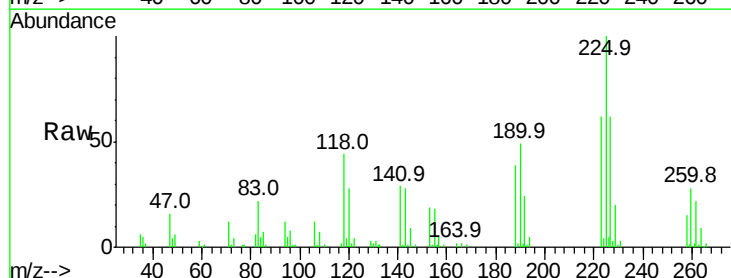
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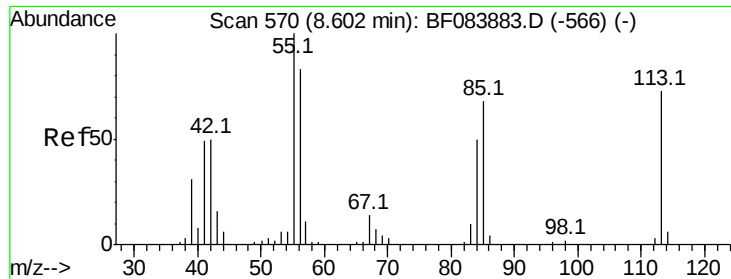
apatel
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#34
Hexachlorobutadiene
Concen: 34.87 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.4	74.0
227	61.7	50.8	76.2





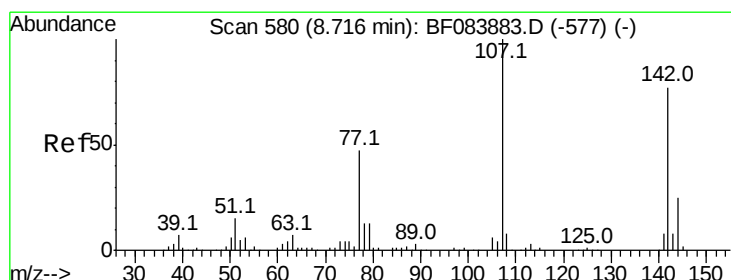
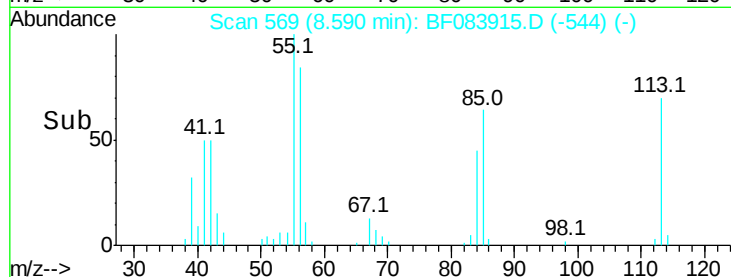
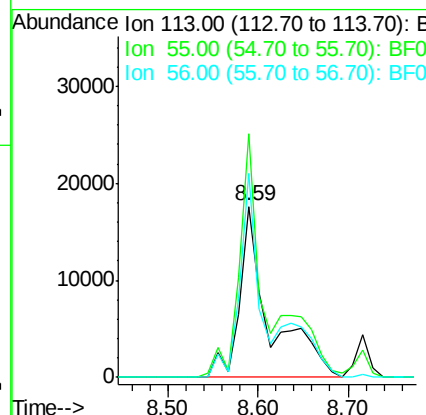
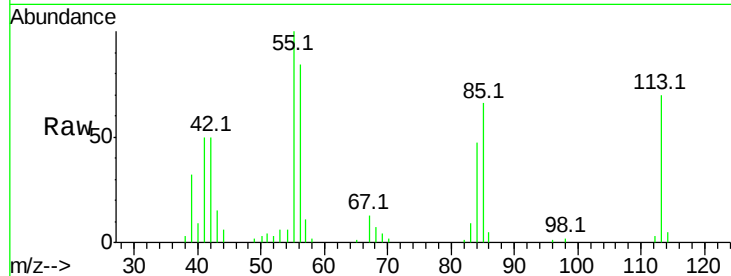
#35
 Caprolactam
 Concen: 39.24 ng/ml
 RT: 8.59 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion:	113	Resp:	40858
Ion Ratio	Lower	Upper	
113	100		
55	142.3	116.9	156.9
56	119.2	93.8	133.8

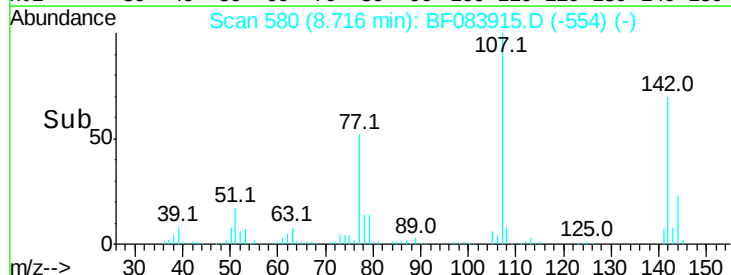
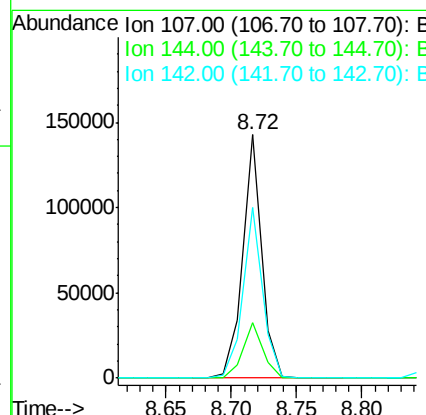
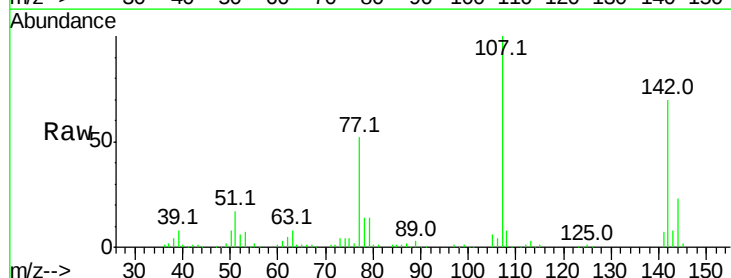
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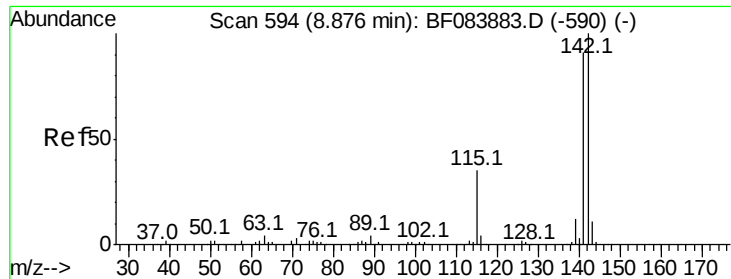
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#36
 4-Chloro-3-methylphenol
 Concen: 40.13 ng/ml
 RT: 8.72 min Scan# 580
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion:	107	Resp:	143440
Ion Ratio	Lower	Upper	
107	100		
144	22.9	19.7	29.5
142	70.2	61.8	92.6





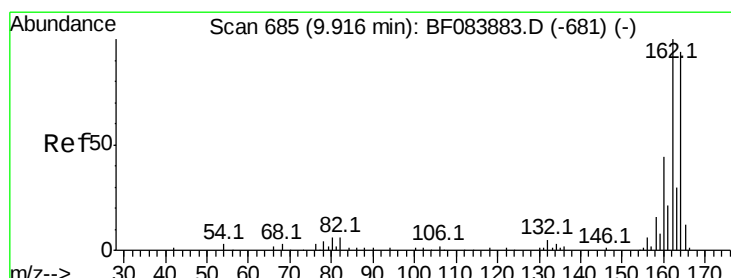
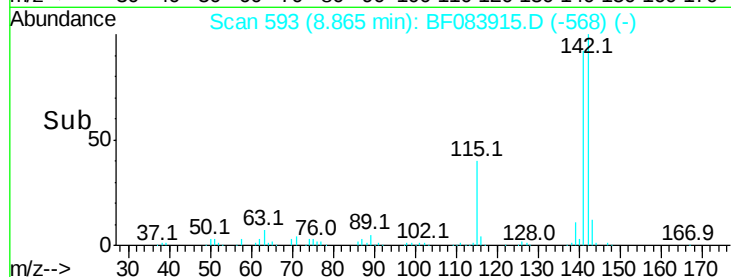
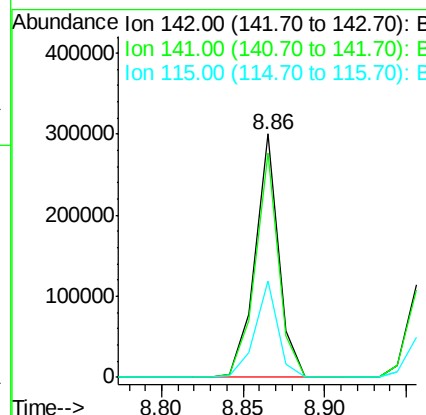
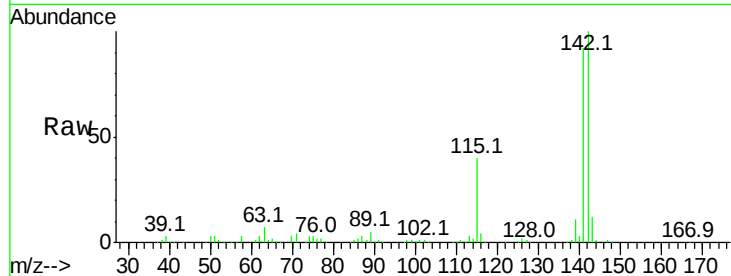
#37
2-Methylnaphthalene
Concen: 40.33 ng
RT: 8.86 min Scan# 593
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	301395		
141	91.9	72.4	108.6	
115	39.6	27.9	41.9	

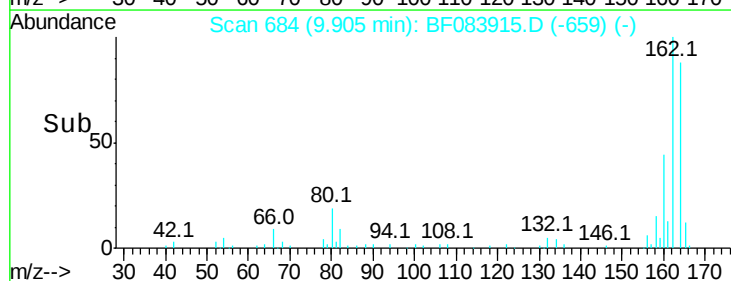
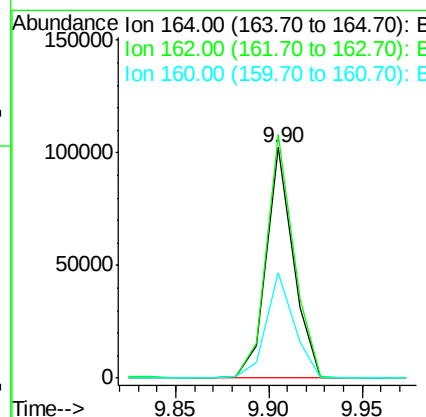
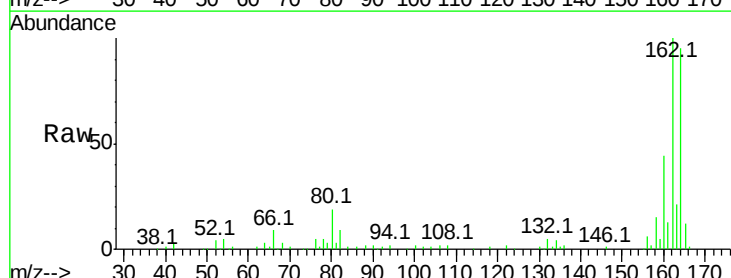
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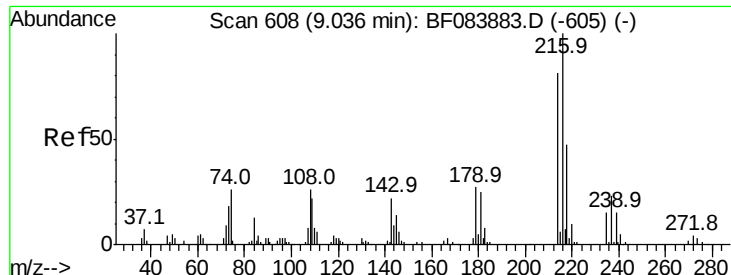
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	102112		
162	105.7	85.1	127.7	
160	46.0	37.5	56.3	





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.56 ng

RT: 9.04 min Scan# 608

Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

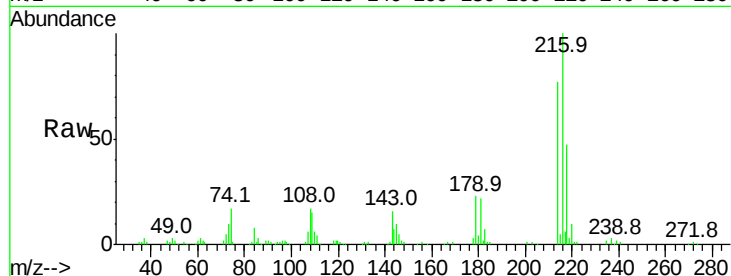
ClientSampleId :

PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
216	100	137038		
214	77.2	64.2	96.2	
179	23.3	18.7	28.1	
108	21.3	16.8	25.2	

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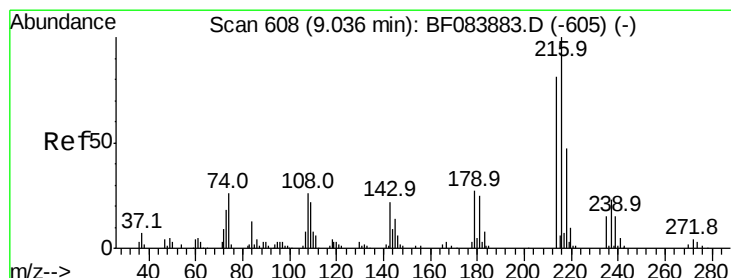
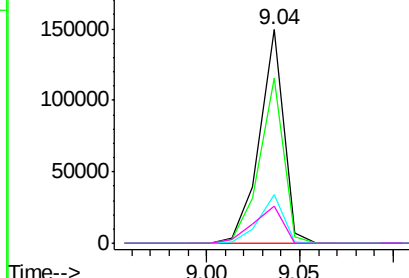
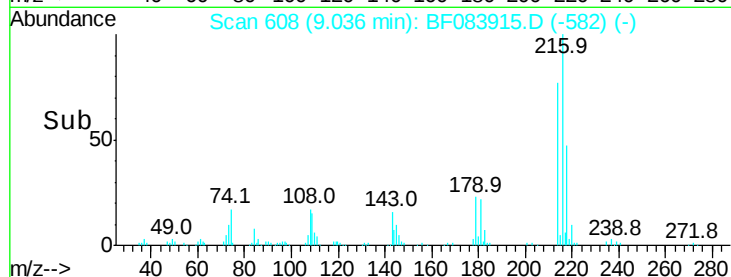


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 69.75 ng

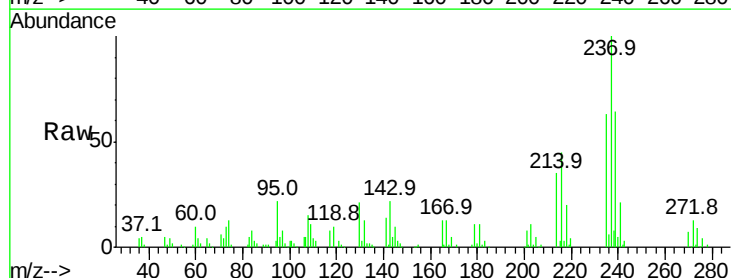
RT: 9.02 min Scan# 607

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

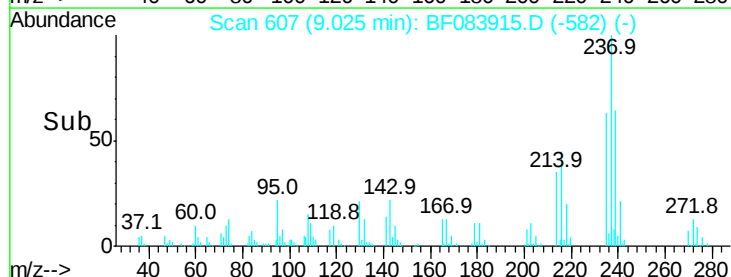
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	74905		
235	62.9	43.1	83.1	
272	12.8	0.0	35.1	



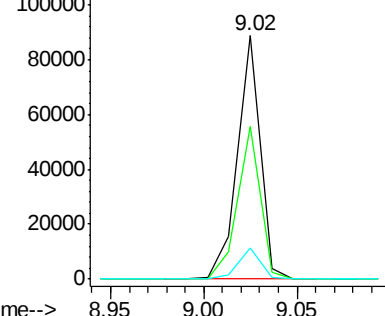
Abundance Ion 236.80 (236.50 to 237.50): E

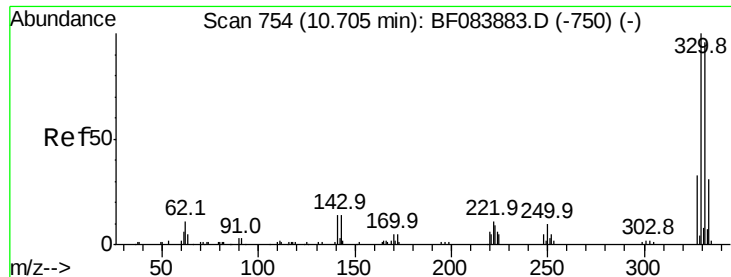
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time-->





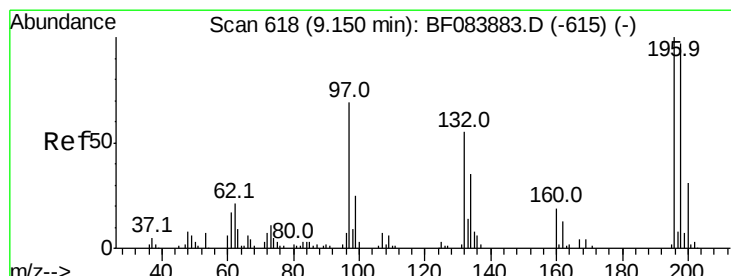
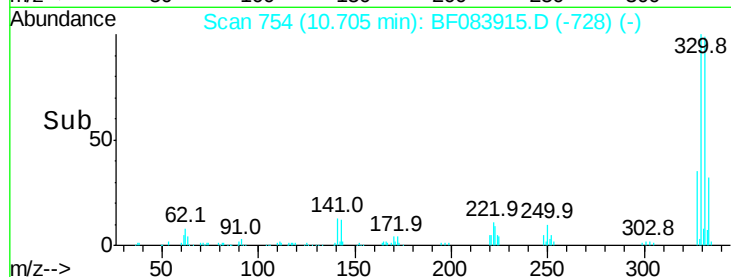
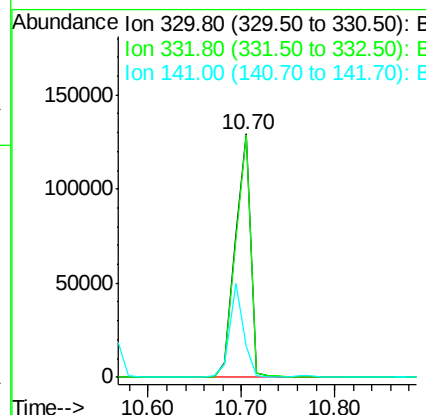
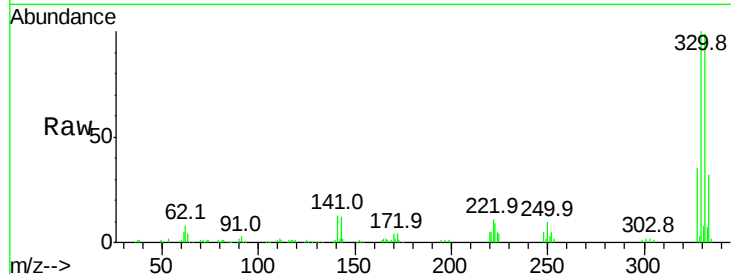
#41
 2,4,6-Tribromophenol
 Concen: 133.62 ng
 RT: 10.70 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100	150318		
332	98.0	76.6	114.8	
141	34.1	27.8	41.6	

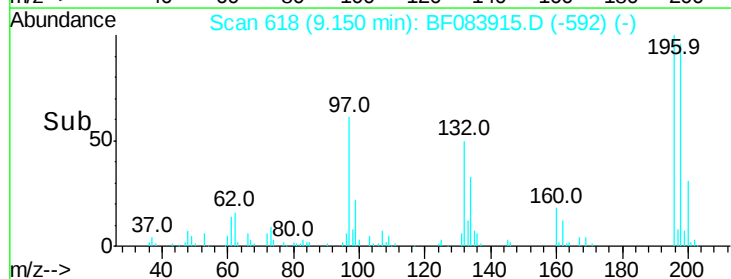
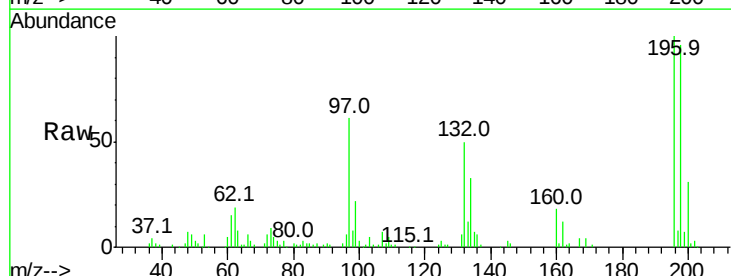
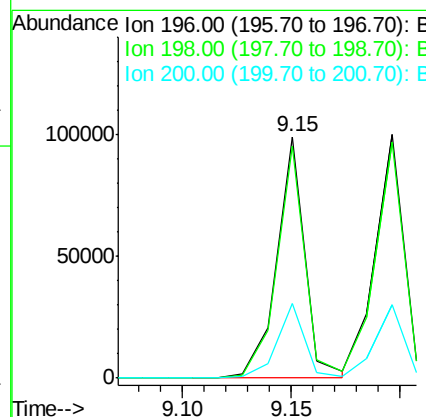
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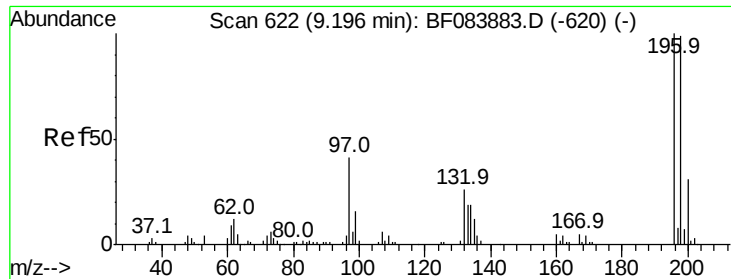
apatel
 12/22/2015 11:50:54 AM



#42
 2,4,6-Trichlorophenol
 Concen: 42.59 ng
 RT: 9.15 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	90541		
198	96.2	77.7	116.5	
200	31.1	24.6	37.0	





#43

2,4,5-Trichlorophenol

Concen: 44.20 ng

RT: 9.20 min Scan# 622

Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

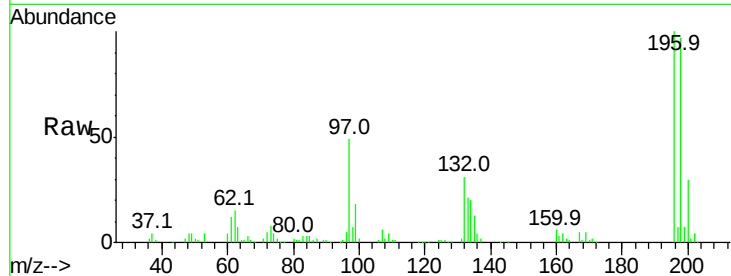
ClientSampleId :

PB87315BS

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Tot Ion	196	Resp	92976
Ion Ratio	Lower	Upper	
196	100		
198	97.0	79.0	118.6
97	48.8	33.0	49.6
132	30.6	21.1	31.7



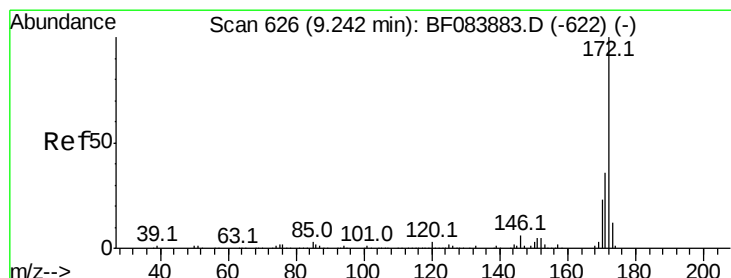
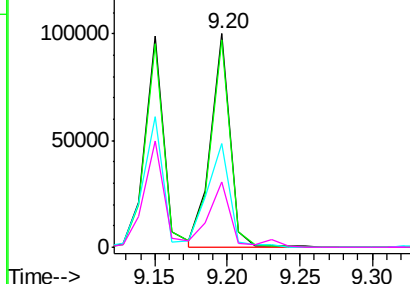
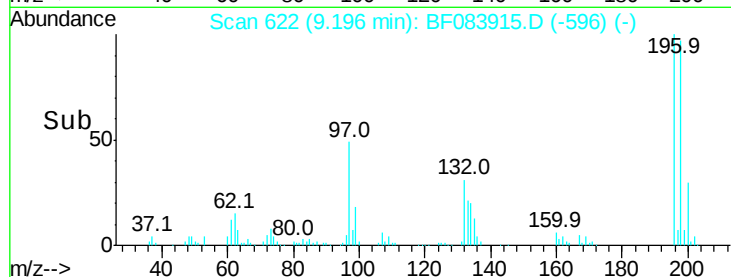
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 83.72 ng

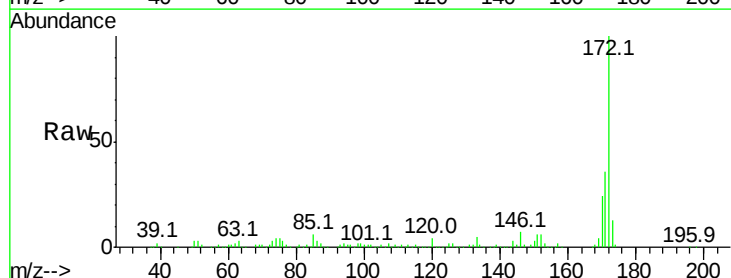
RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion	172	Resp	610259
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.9	43.3
170	23.8	18.6	27.8

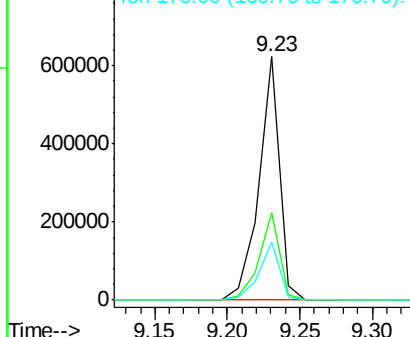
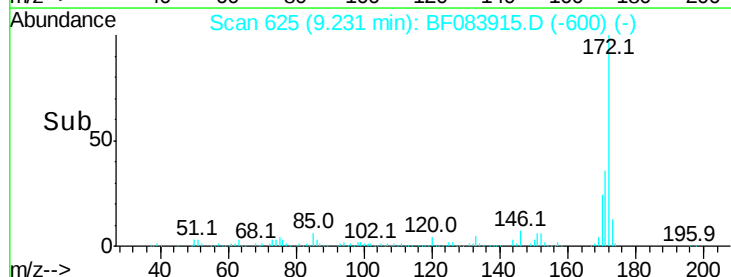


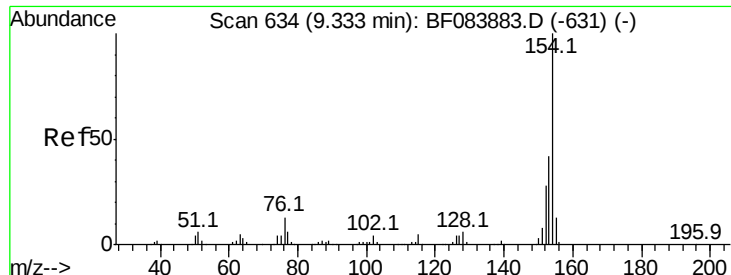
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





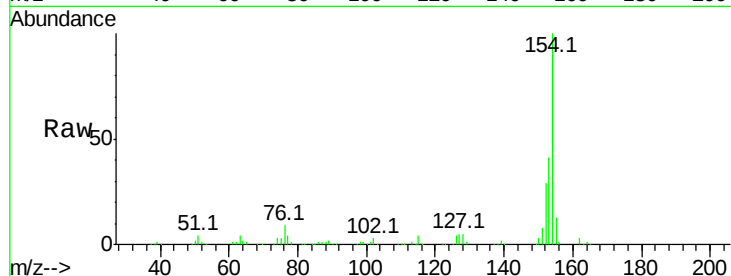
#45
 1,1'-Biphenyl
 Concen: 46.28 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

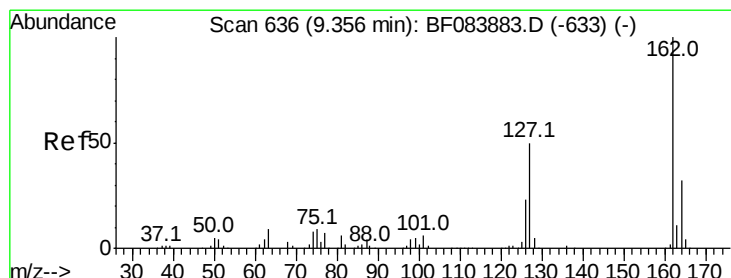
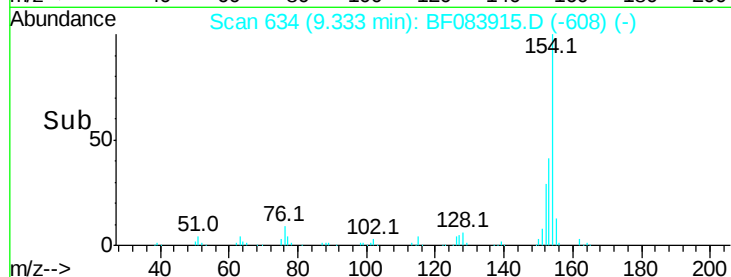
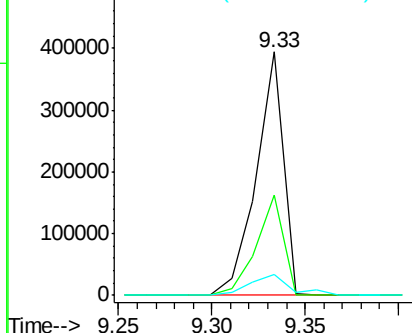
Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	40.9	21.6	61.6
76	8.6	0.0	32.7

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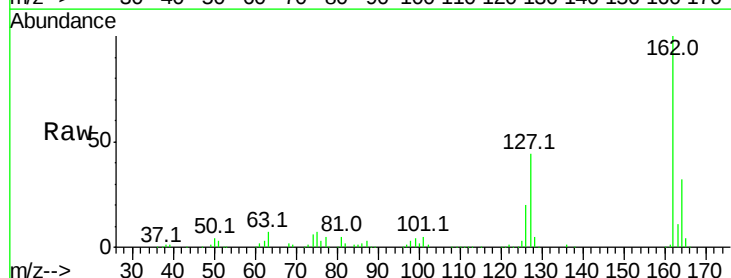


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

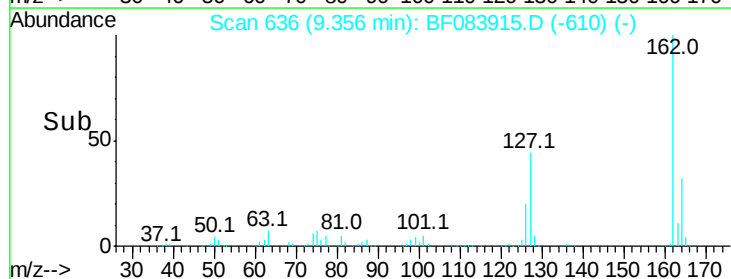
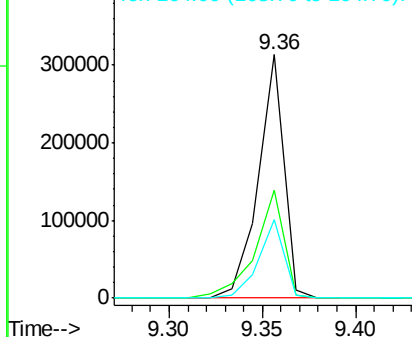


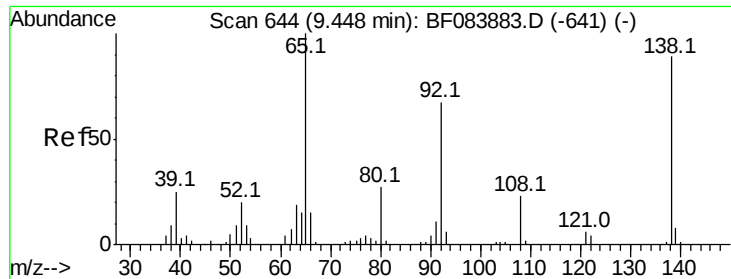
#46
 2-Chloronaphthalene
 Concen: 44.18 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	44.4	40.2	60.4
164	32.2	25.7	38.5



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





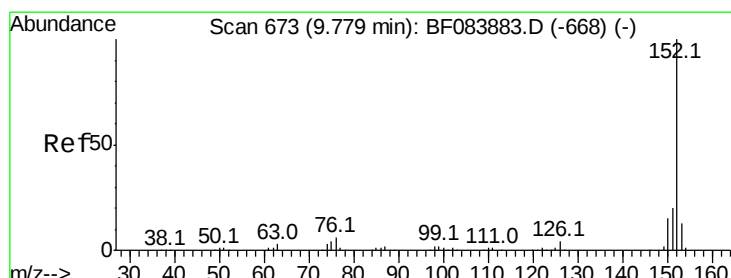
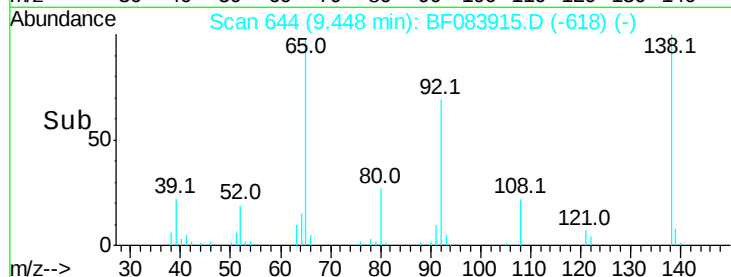
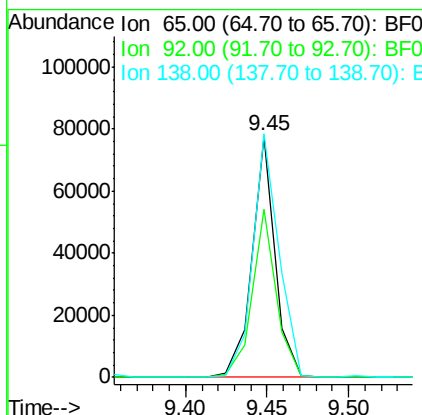
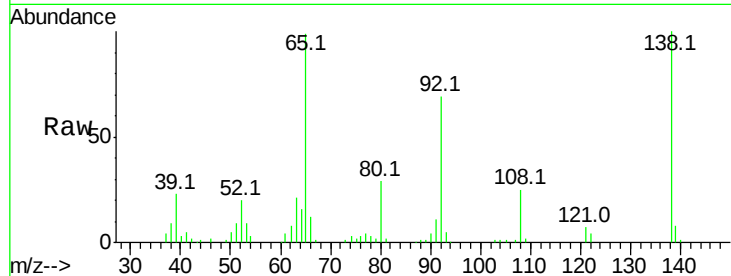
#47
2-Nitroaniline
Concen: 37.62 ng
RT: 9.45 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.8	53.4	80.2
138	101.0	71.1	106.7

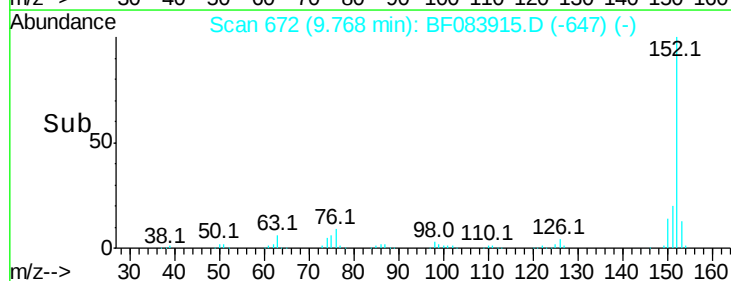
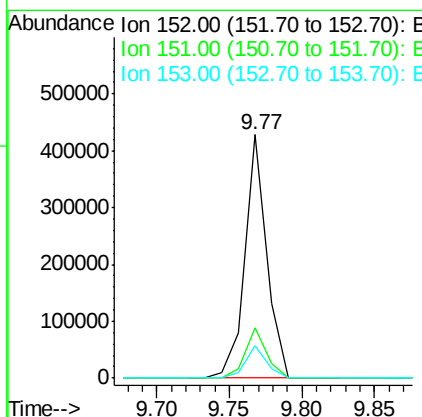
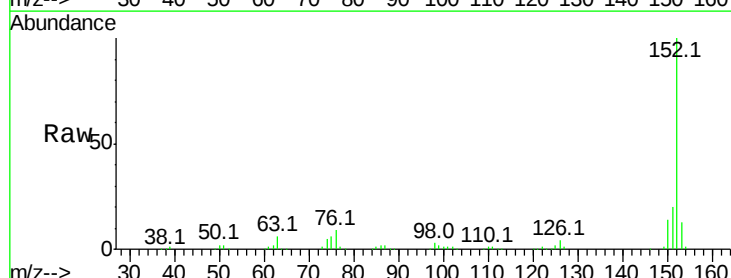
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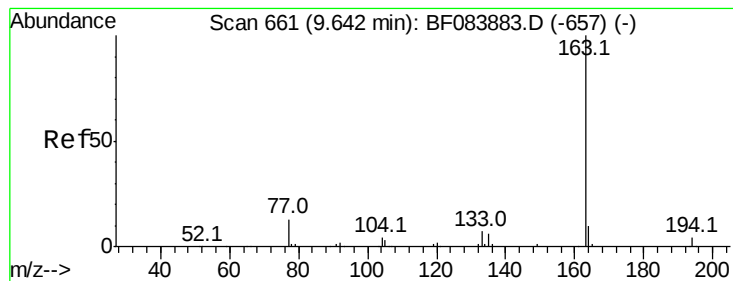
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#48
Acenaphthylene
Concen: 37.37 ng
RT: 9.77 min Scan# 672
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	13.4	10.4	15.6





#49

Dimethylphthalate

Concen: 38.03 ng

RT: 9.63 min Scan# 660

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

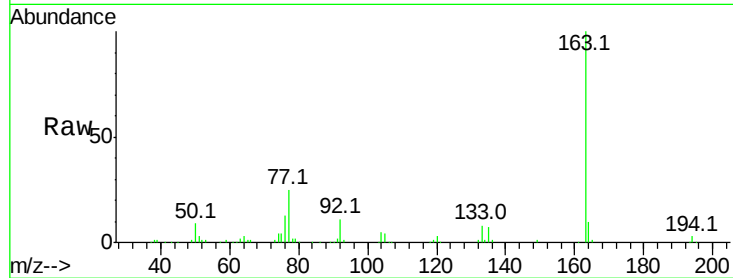
ClientSampleId :

PB87315BS

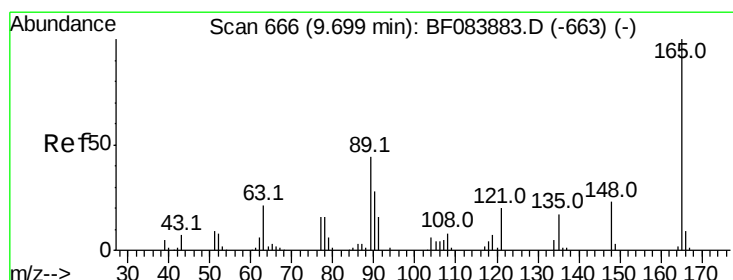
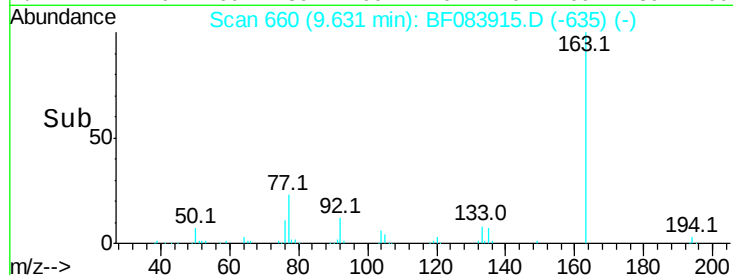
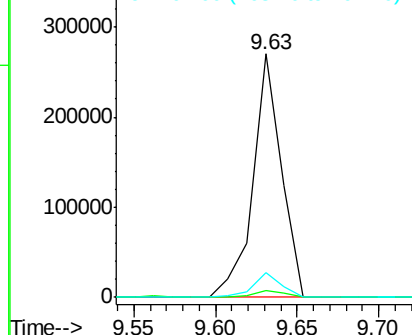
Tot Ion:	163	Resp:	325863
Ion Ratio	Lower	Upper	
163	100		
194	3.0	8.0	12.0#
164	10.4	8.0	12.0

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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: 40.00 ng

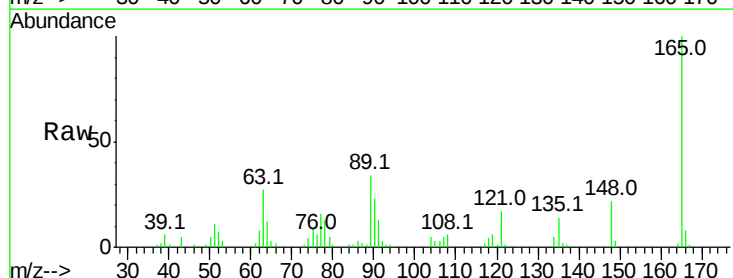
RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

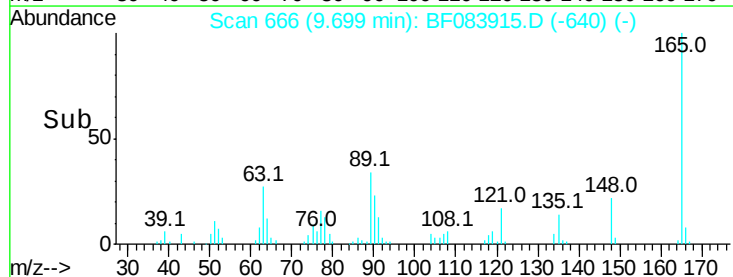
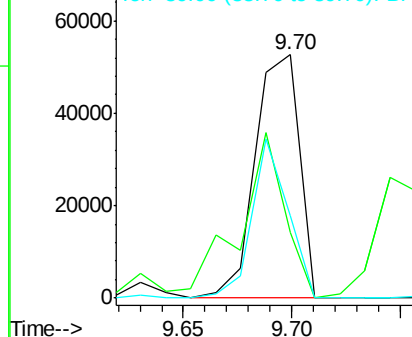
Lab File: BF083915.D

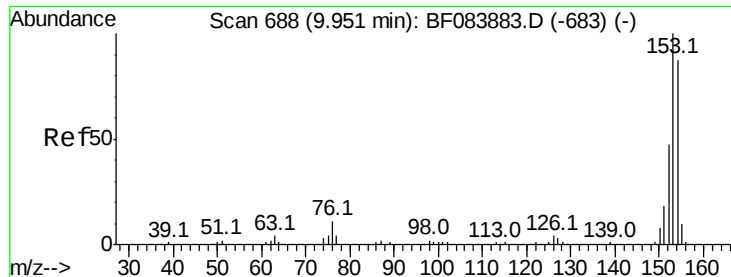
Acq: 18 Dec 2015 16:17

Tgt Ion:	165	Resp:	74761
Ion Ratio	Lower	Upper	
165	100		
63	27.1	28.8	43.2#
89	33.8	35.1	52.7#



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: 41.81 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

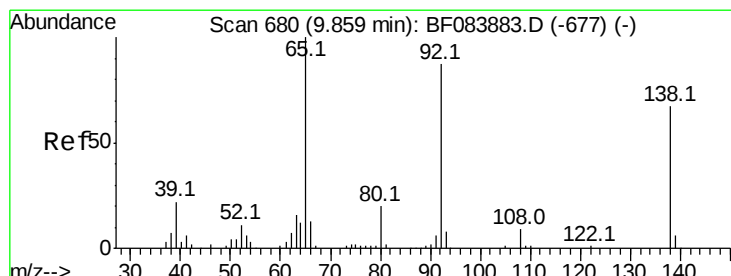
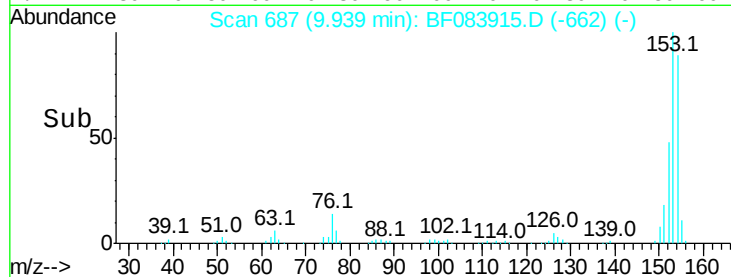
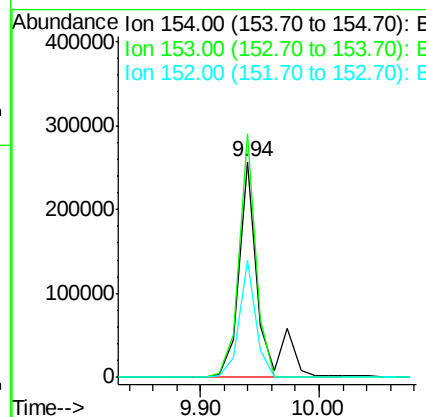
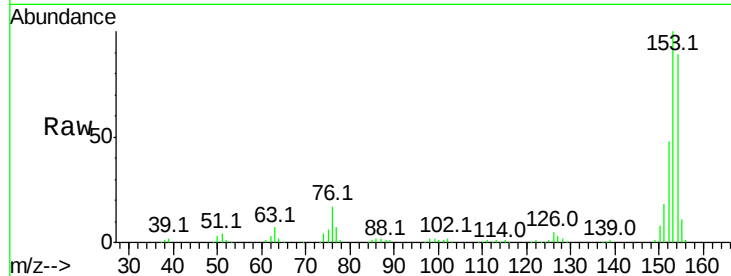
ClientSampleId :

PB87315BS

Tot Ion:	154	Resp:	306045
Ion Ratio	Lower	Upper	
154	100		
153	113.0	91.5	137.3
152	54.1	43.0	64.6

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#52

3-Nitroaniline

Concen: 23.02 ng

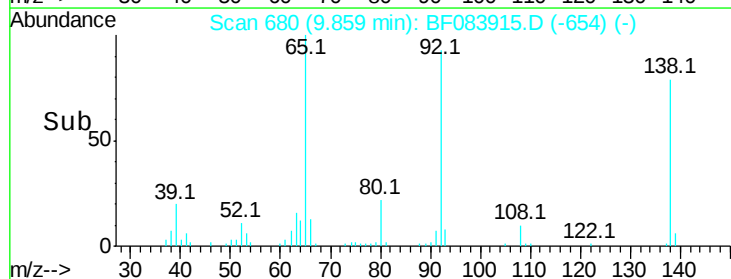
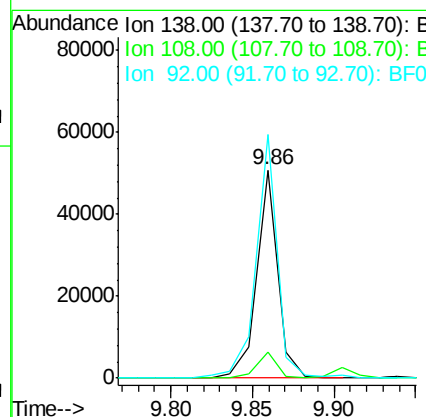
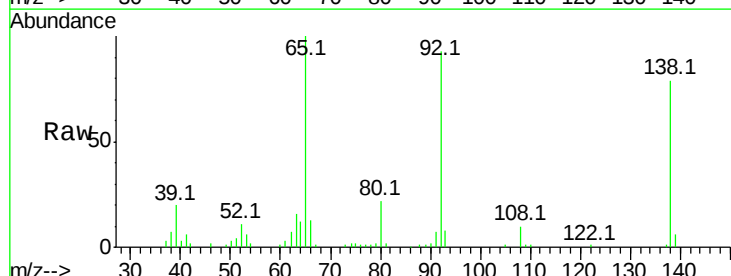
RT: 9.86 min Scan# 680

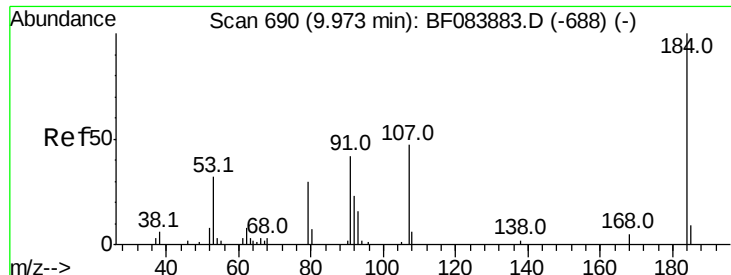
Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion:	138	Resp:	45342
Ion Ratio	Lower	Upper	
138	100		
108	12.3	10.5	15.7
92	117.1	103.9	155.9





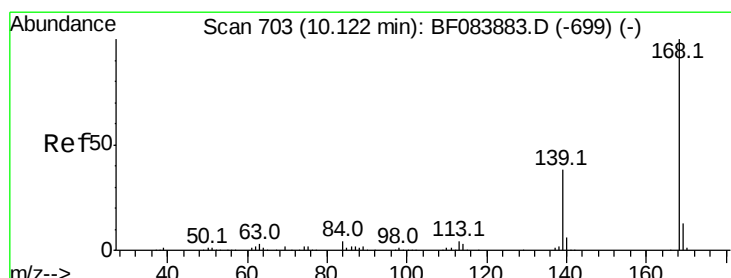
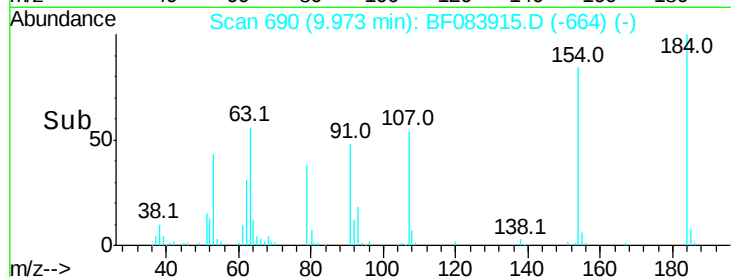
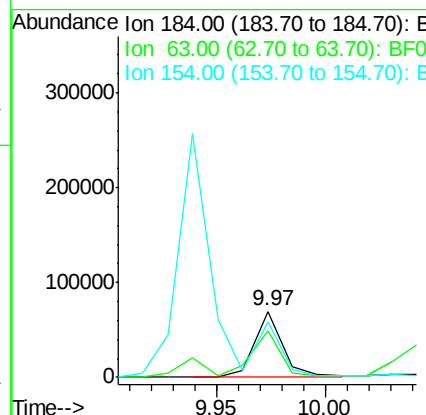
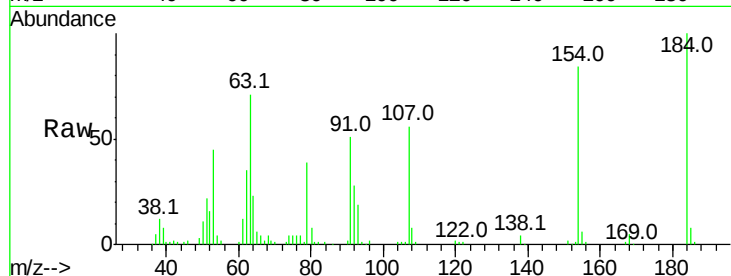
#53
 2,4-Dinitrophenol
 Concen: 92.92 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleID :
 PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	63638		
63	70.8	43.1	64.7#	
154	84.2	60.5	90.7	

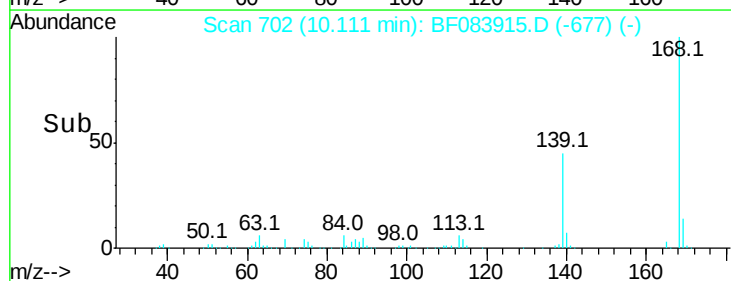
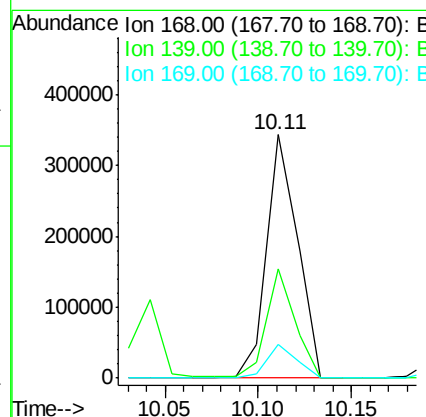
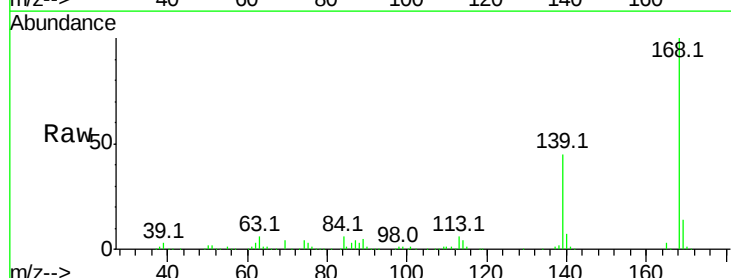
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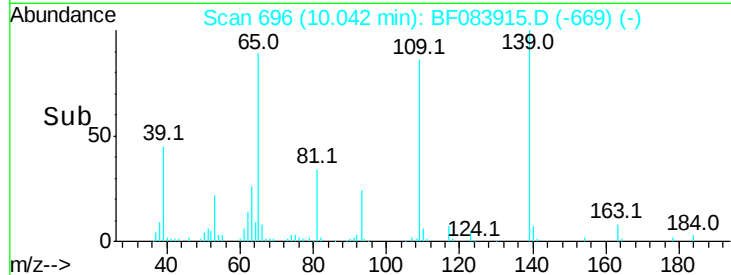
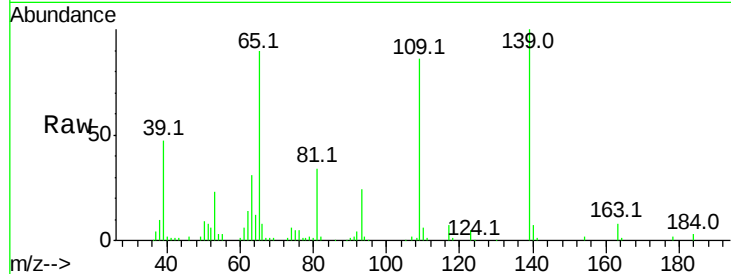
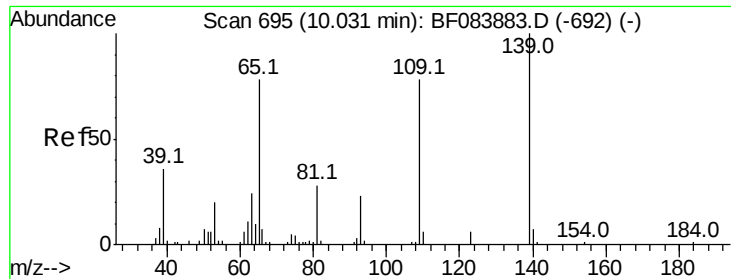
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#54
 Dibenzofuran
 Concen: 41.51 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	394583		
139	44.9	30.5	45.7	
169	13.9	10.4	15.6	





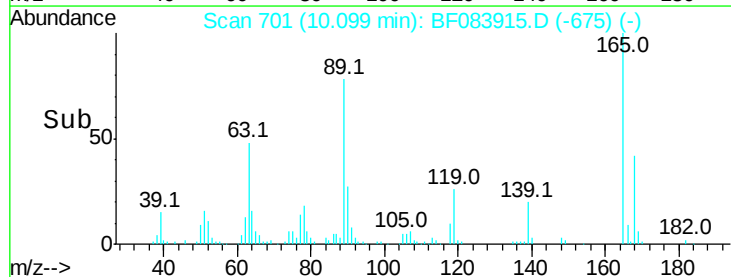
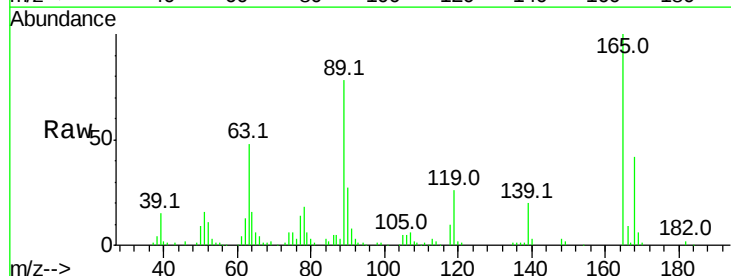
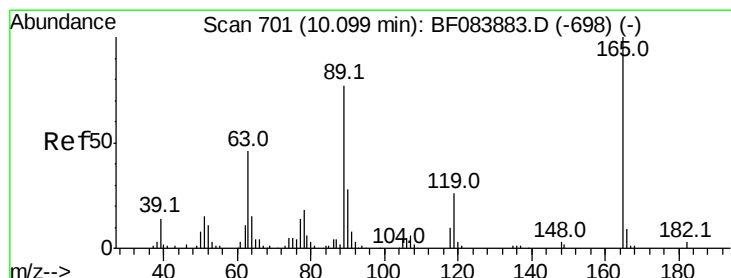
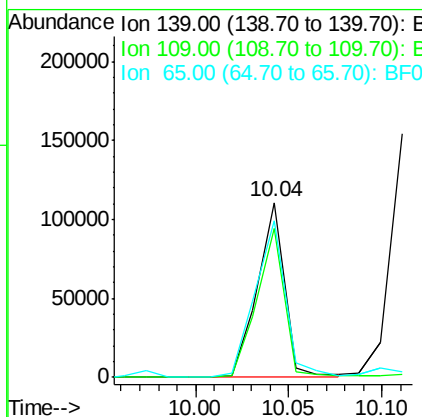
#55
4-Nitrophenol
Concen: 91.09 ng
RT: 10.04 min Scan# 696
Delta R.T. 0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tot Ion:	139	Resp:	112043
Ion Ratio	Lower	Upper	
139	100		
109	85.5	58.5	98.5
65	89.7	57.6	97.6

Instrument :
BNA_F
ClientSampleId :
PB87315BS

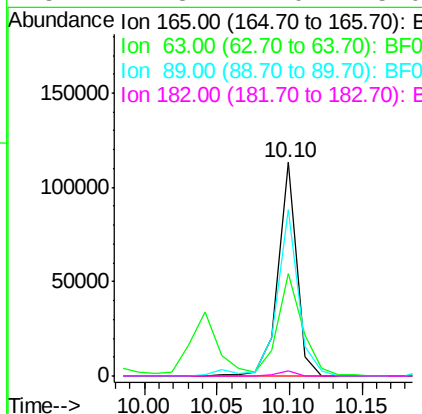
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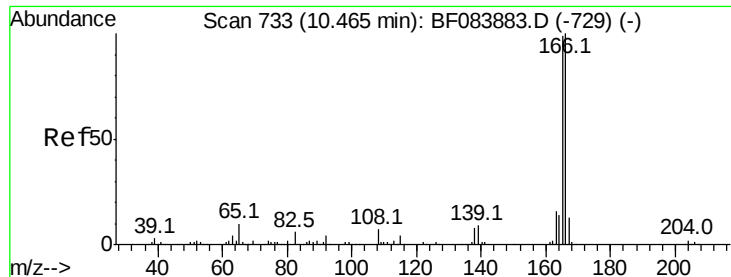
apatel
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#56
2,4-Dinitrotoluene
Concen: 42.33 ng
RT: 10.10 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion:	165	Resp:	101419
Ion Ratio	Lower	Upper	
165	100		
63	47.7	36.7	55.1
89	77.7	61.9	92.9
182	2.3	2.0	3.0





#57

Fluorene

Concen: 41.91 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

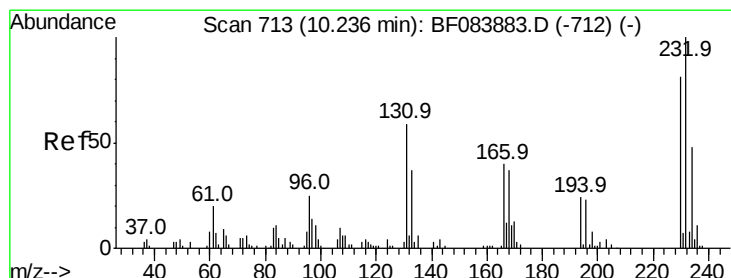
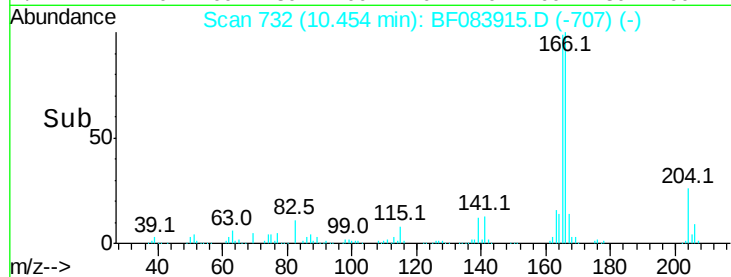
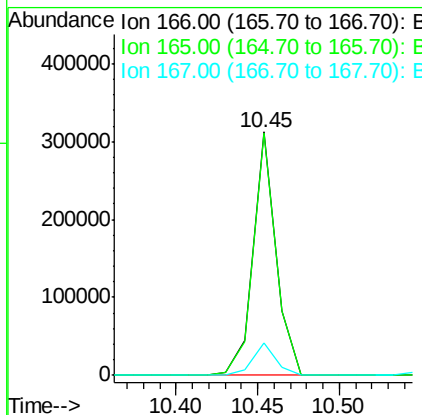
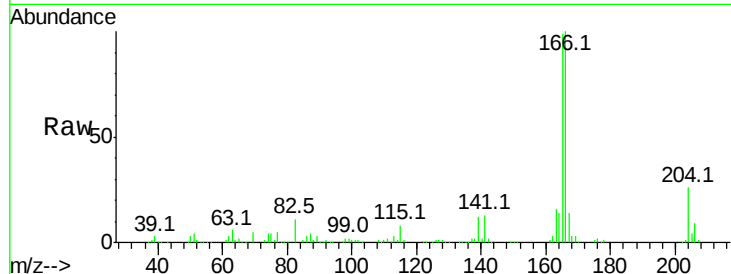
ClientSampleId :

PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	99.3	79.1	118.7	
167	13.6	10.4	15.6	

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#58

2,3,4,6-Tetrachlorophenol

Concen: 49.73 ng

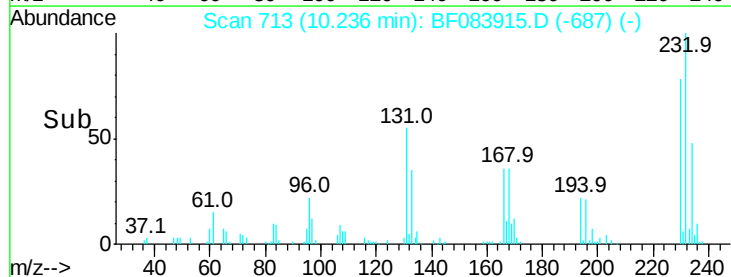
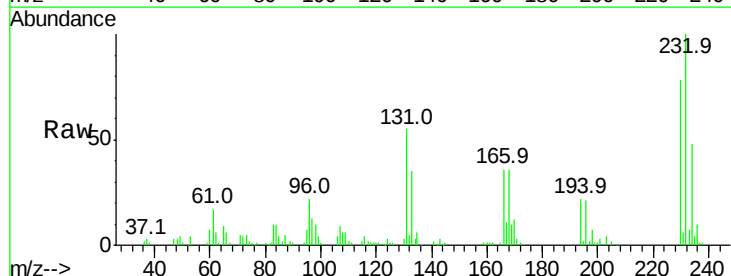
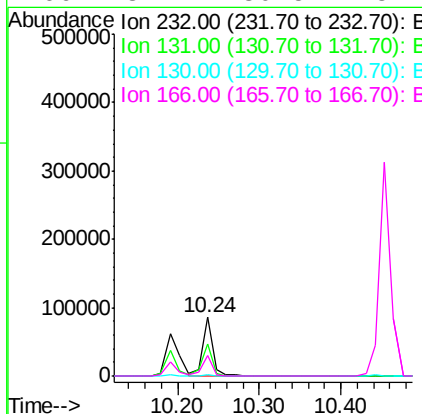
RT: 10.24 min Scan# 713

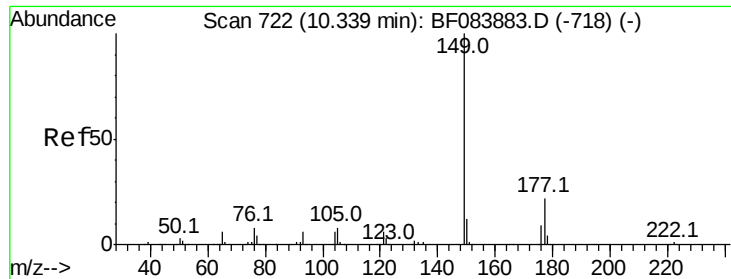
Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	55.0	47.0	70.6	
130	2.8	2.0	3.0	
166	34.4	30.5	45.7	





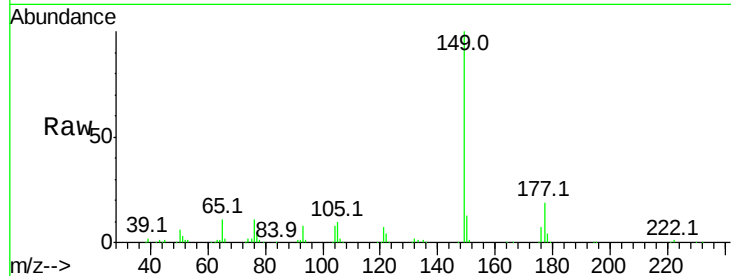
#59
Diethylphthalate
Concen: 39.11 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

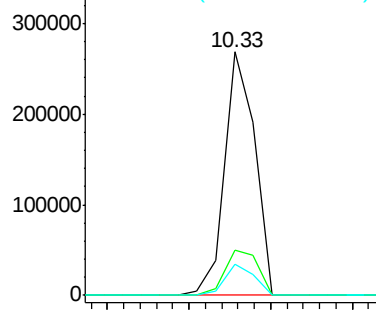
Tot Ion	Ratio	Resp	Lower	Upper
149	100	346444		
177	18.8	17.3	25.9	
150	12.7	9.8	14.8	

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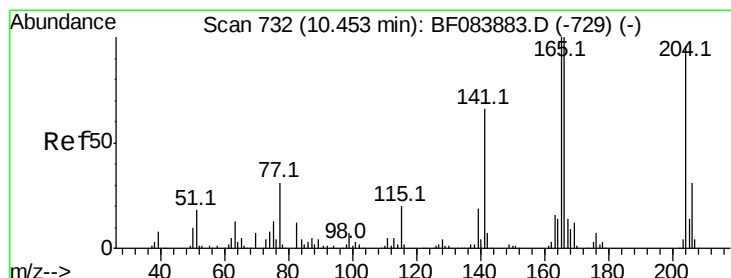
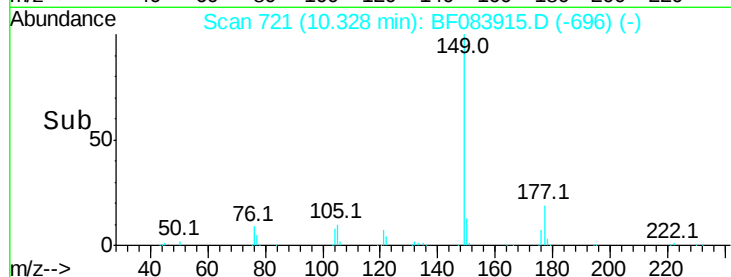
apatel
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

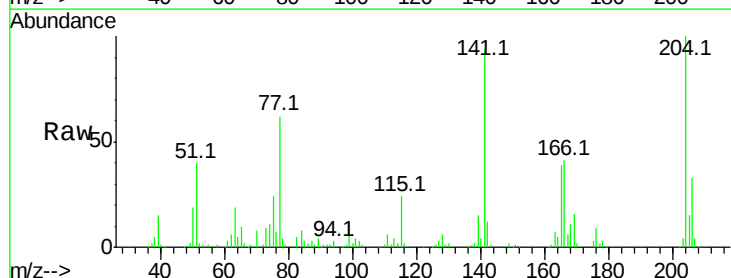


Time-->

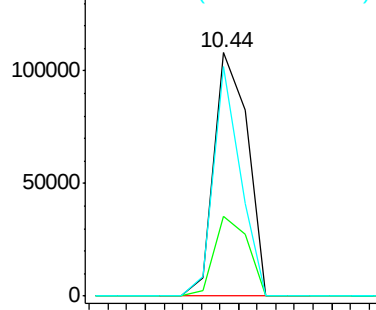


#60
4-Chlorophenyl-phenylether
Concen: 37.47 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

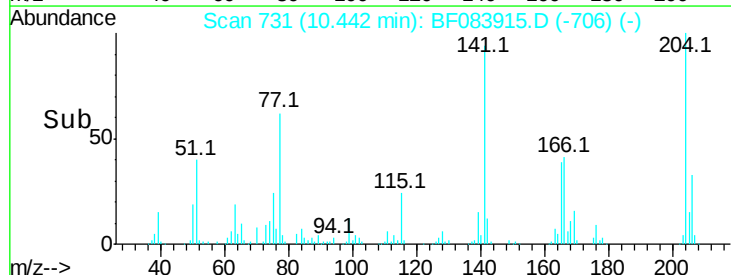
Tgt Ion	Ratio	Resp	Lower	Upper
204	100	136511		
206	32.9	25.7	38.5	
141	94.4	55.1	82.7	

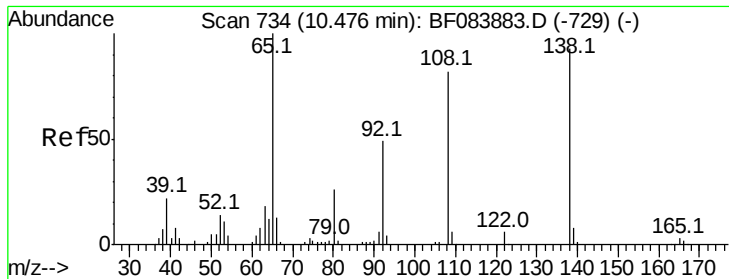


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





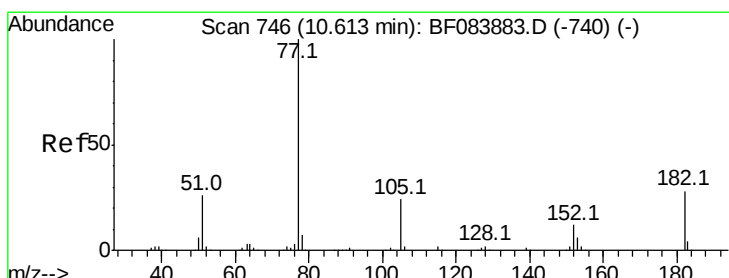
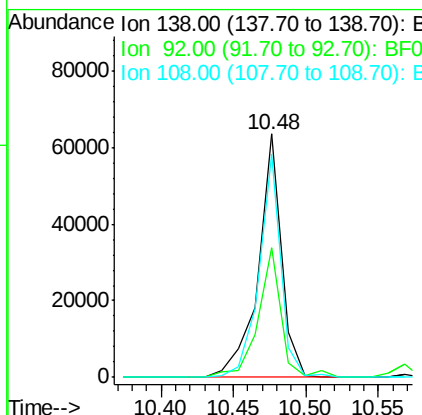
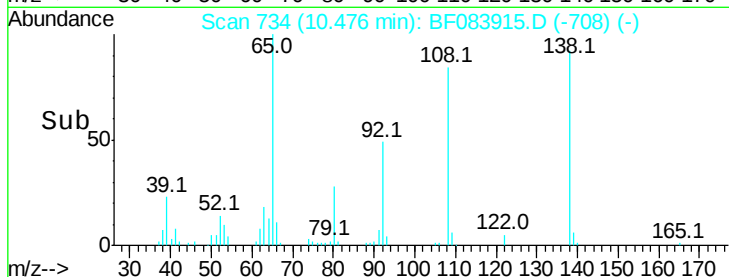
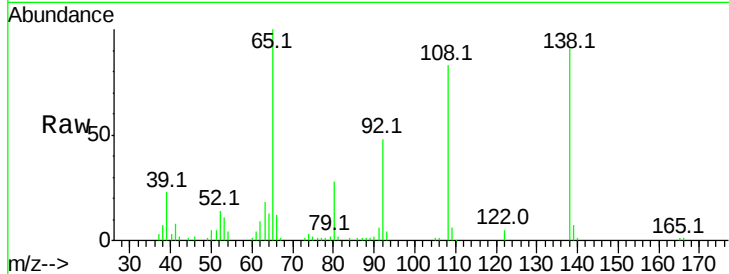
#61
 4-Nitroaniline
 Concen: 34.60 ng
 RT: 10.48 min Scan# 734
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion:	138	Resp:	70524
Ion Ratio	Lower	Upper	
138	100		
92	53.2	32.6	72.6
108	91.6	68.6	108.6

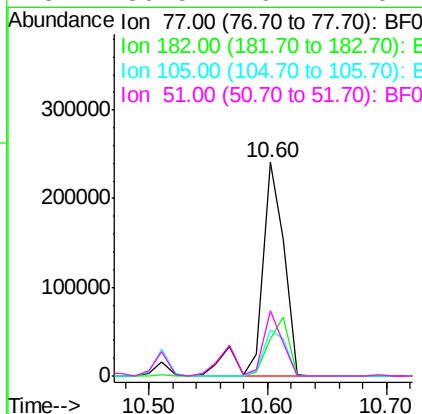
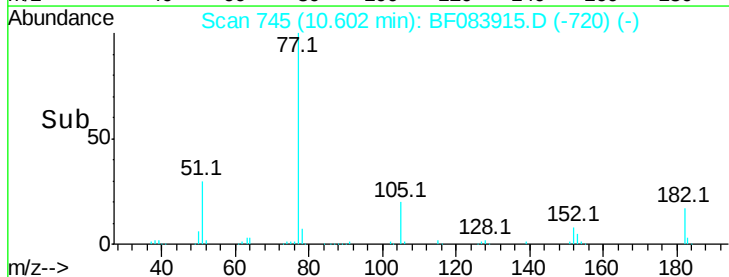
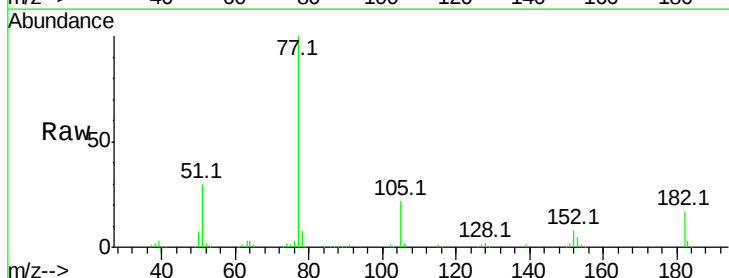
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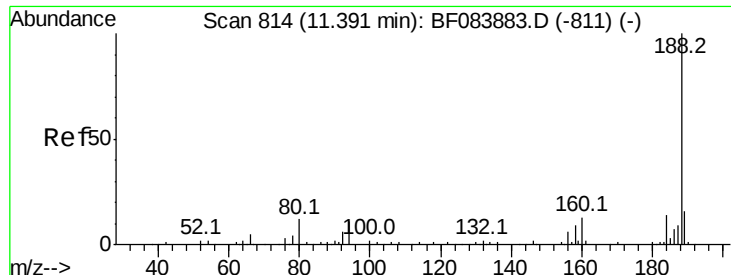
apatel
 12/22/2015 11:50:54 AM



#62
 Azobenzene
 Concen: 43.60 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion:	77	Resp:	323705
Ion Ratio	Lower	Upper	
77	100		
182	17.2	8.3	48.3
105	21.6	4.6	44.6
51	30.5	6.2	46.2





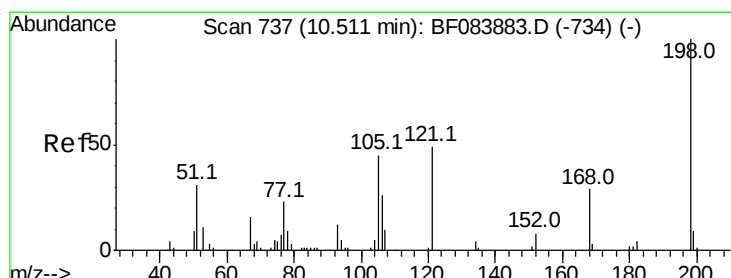
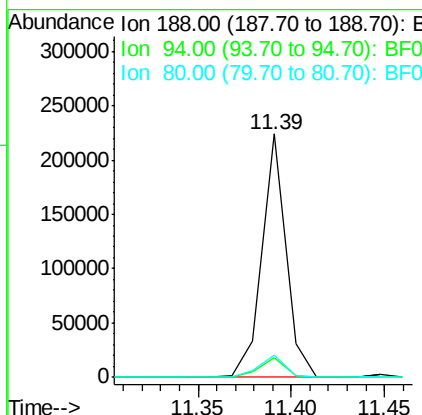
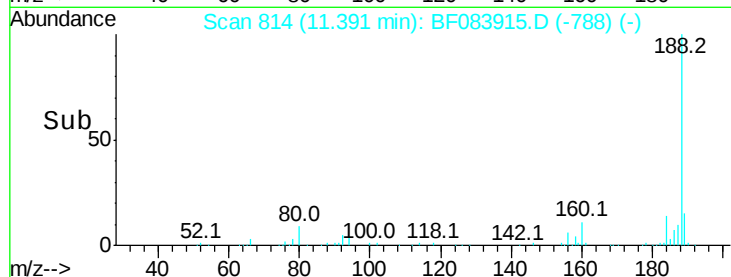
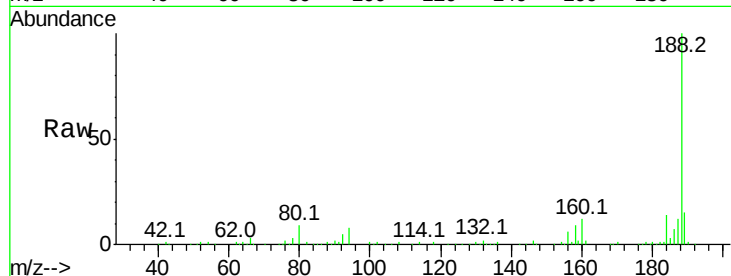
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.3	9.0	13.4#
80	9.0	9.6	14.4#

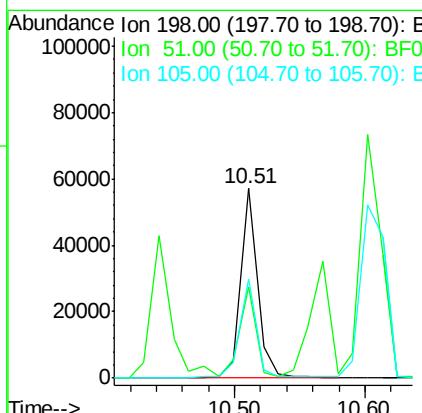
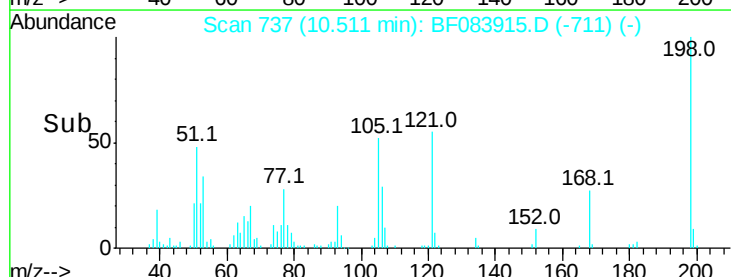
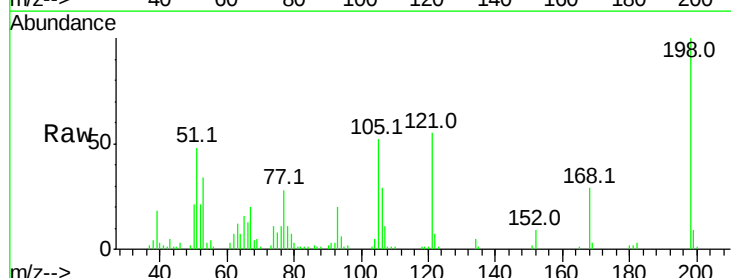
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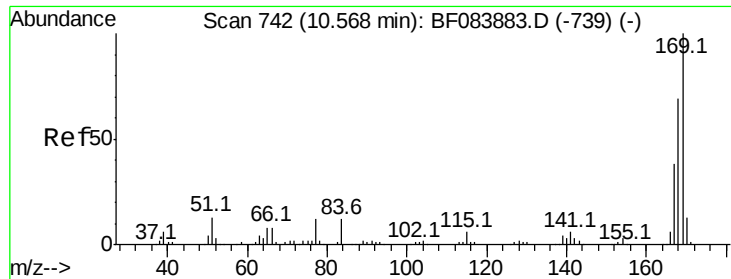
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.06 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	48.1	18.9	58.9
105	52.4	26.4	66.4





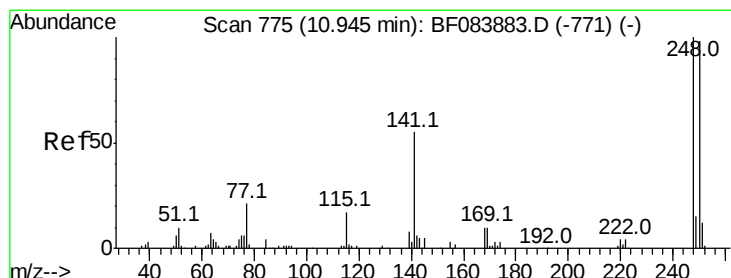
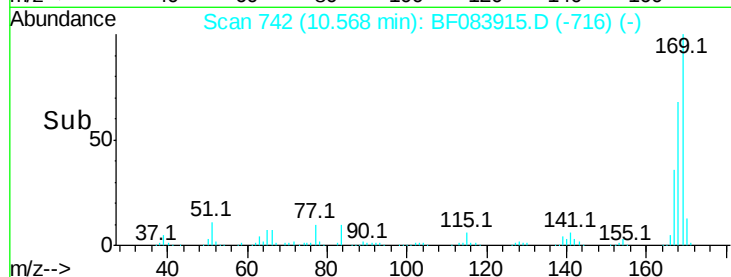
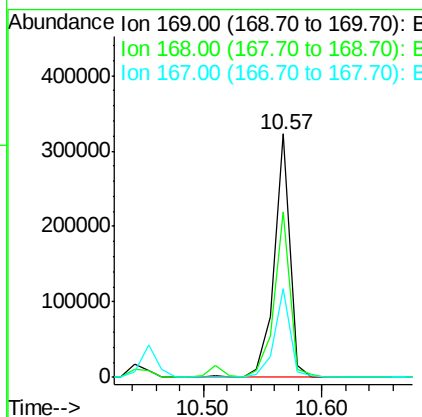
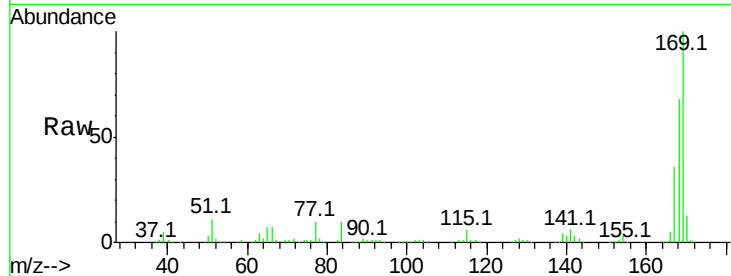
#65
 n-Nitrosodiphenylamine
 Concen: 41.09 ng
 RT: 10.57 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	297591		
168	68.1	55.1	82.7	
167	36.5	30.0	45.0	

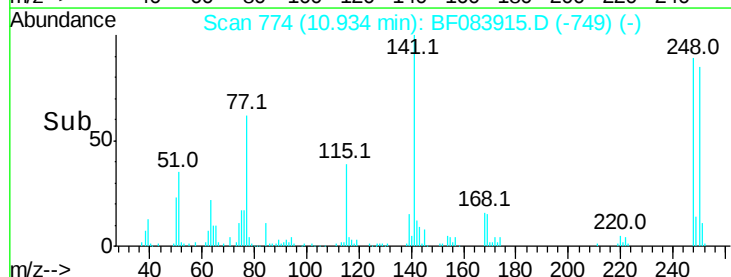
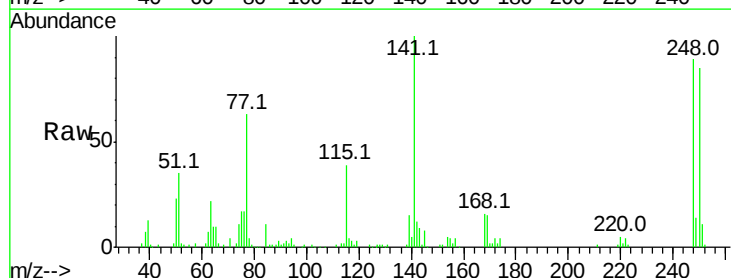
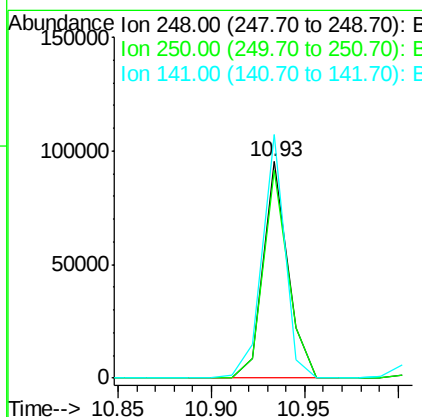
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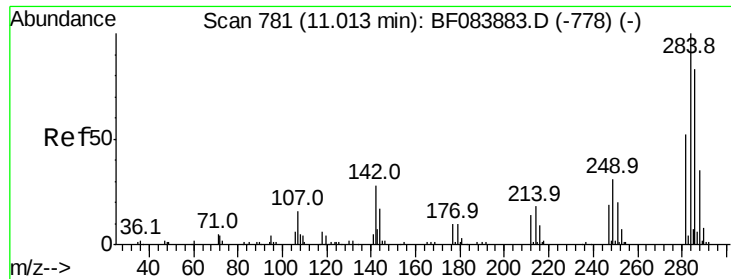
apatel
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#66
 4-Bromophenyl-phenylether
 Concen: 35.69 ng
 RT: 10.93 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	86847		
250	95.7	78.4	117.6	
141	112.5	44.0	66.0	





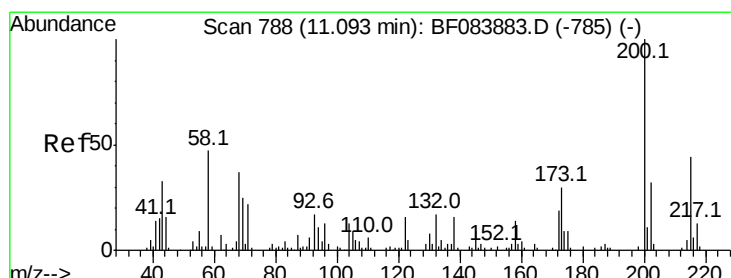
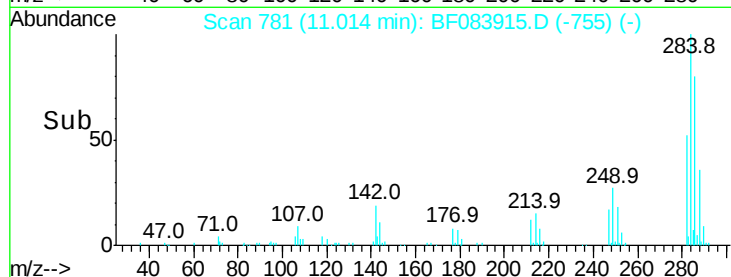
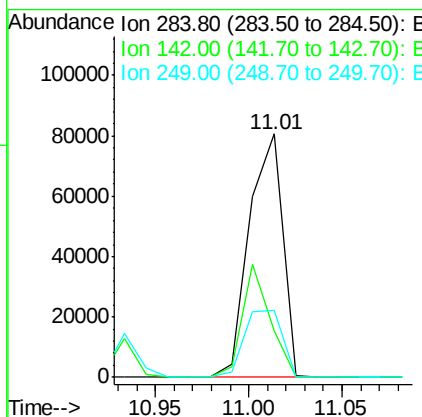
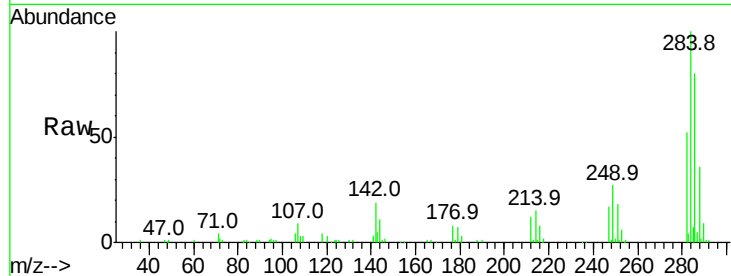
#67
Hexachlorobenzene
Concen: 39.04 ng
RT: 11.01 min Scan# 781
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	100037		
142	19.0	22.2	33.4#	
249	27.5	24.6	37.0	

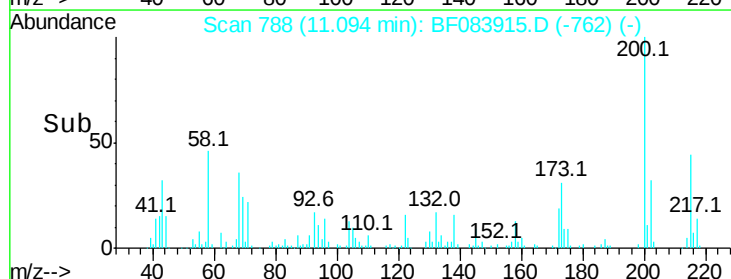
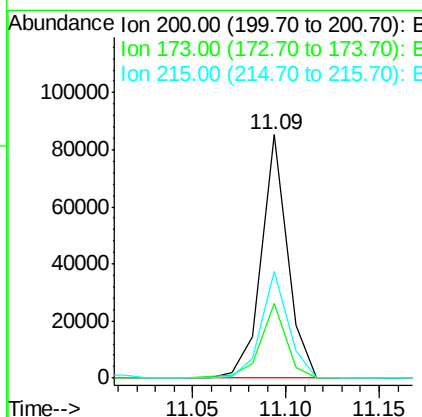
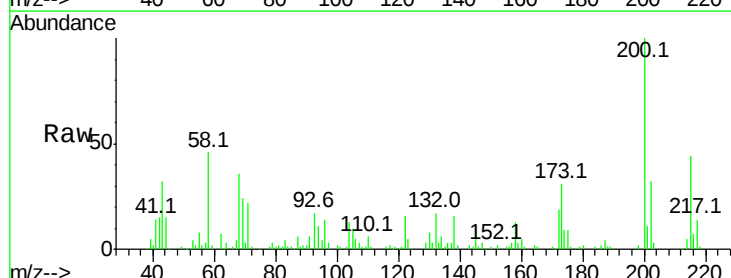
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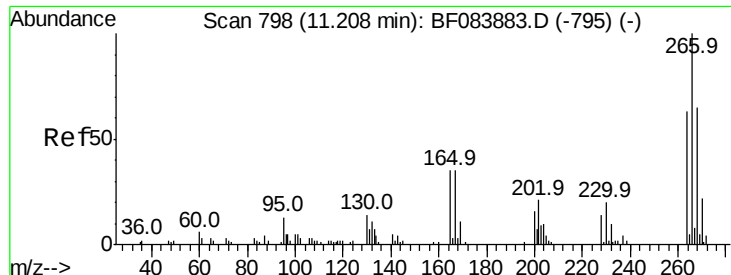
apatel
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#68
Atrazine
Concen: 35.94 ng
RT: 11.09 min Scan# 788
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	82452		
173	30.5	9.5	49.5	
215	43.8	23.8	63.8	





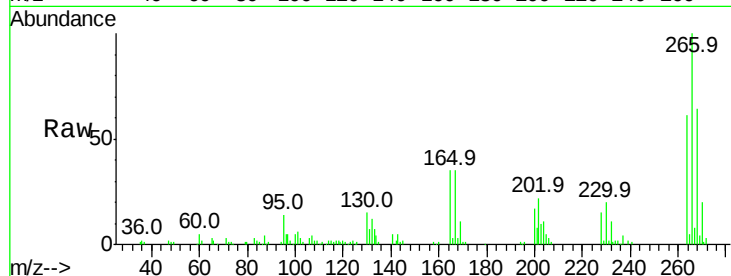
#69
 Pentachlorophenol
 Concen: 84.86 ng
 RT: 11.21 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

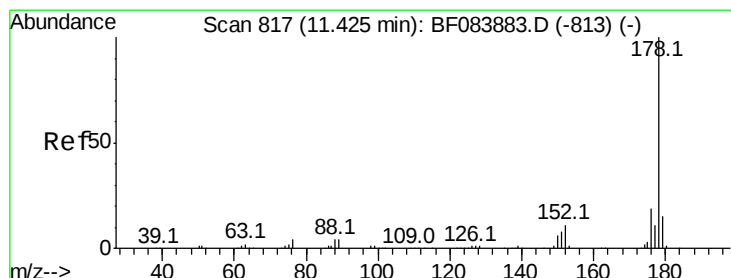
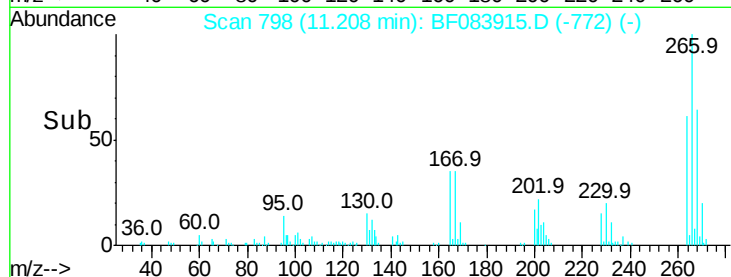
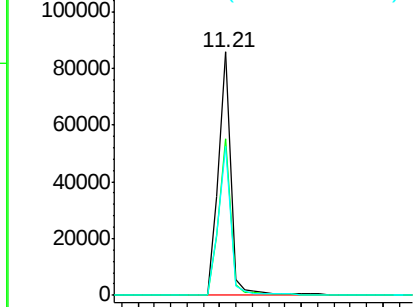
Tot Ion	Ratio	Resp	Lower	Upper
266	100	92589		
268	64.3		52.4	78.6
264	61.4		50.2	75.2

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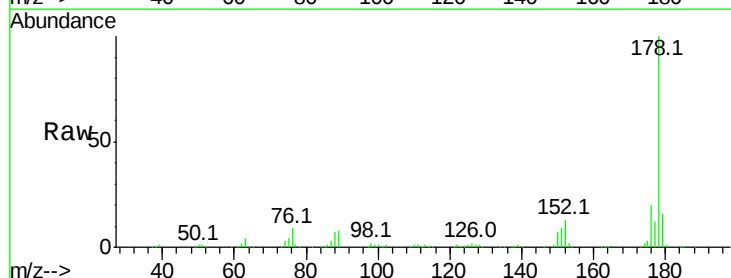


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

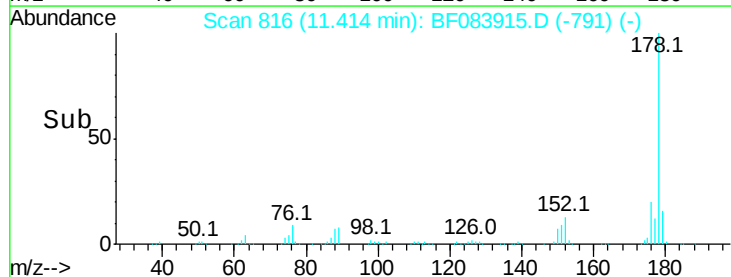
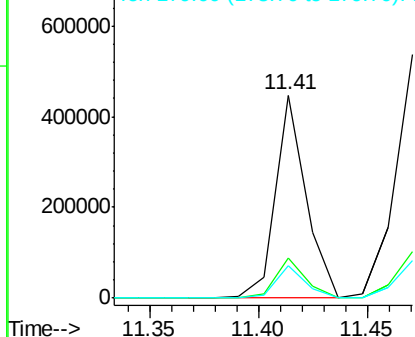


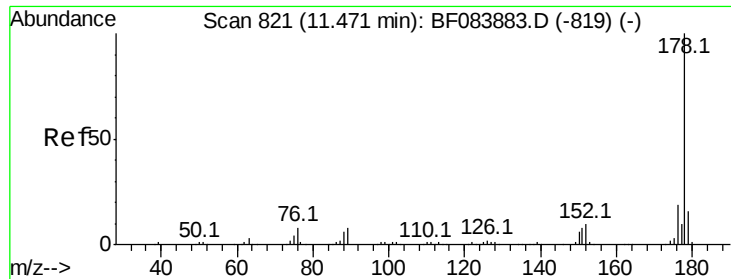
#70
 Phenanthrene
 Concen: 36.67 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	440916		
176	19.6		15.3	22.9
179	15.7		12.0	18.0



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





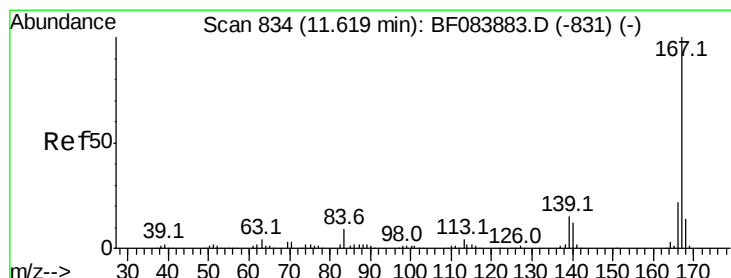
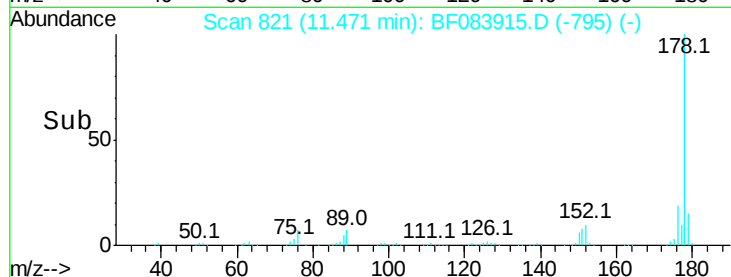
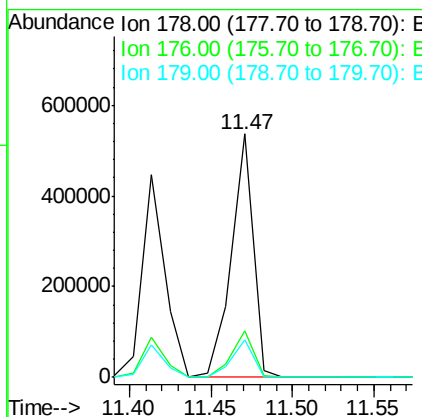
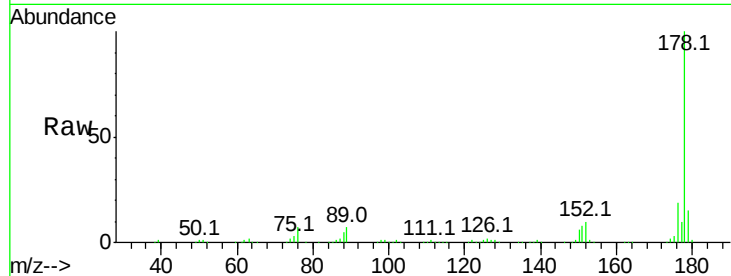
#71
 Anthracene
 Concen: 42.30 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
178	100	491740		
176	19.0	15.4	23.0	
179	15.5	12.5	18.7	

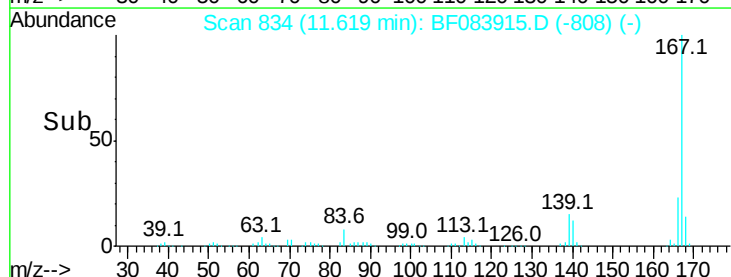
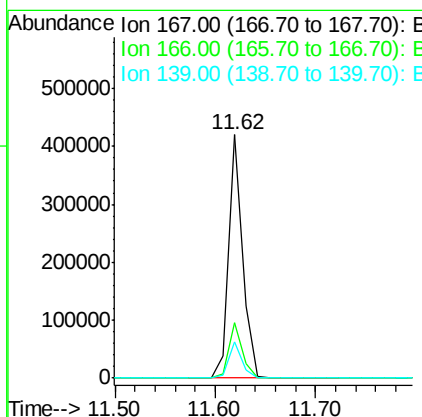
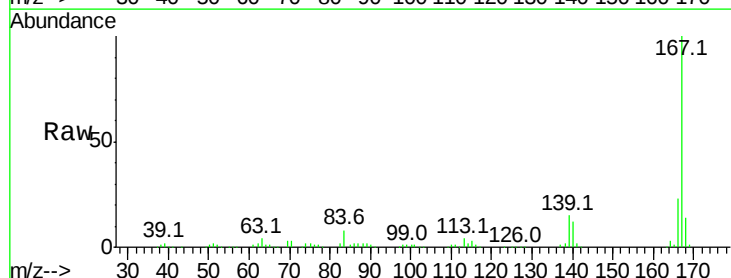
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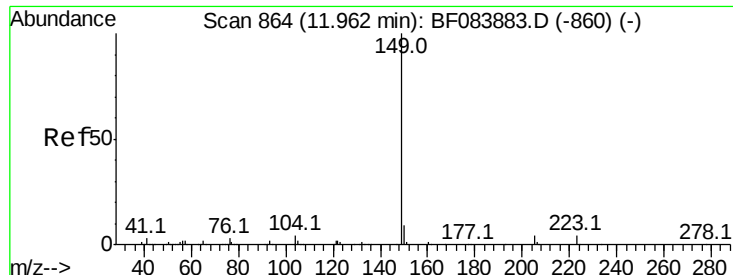
apatel
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#72
 Carbazole
 Concen: 35.13 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	403464		
166	22.8	17.6	26.4	
139	15.1	11.8	17.8	





#73

Di-n-butylphthalate

Concen: 39.60 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

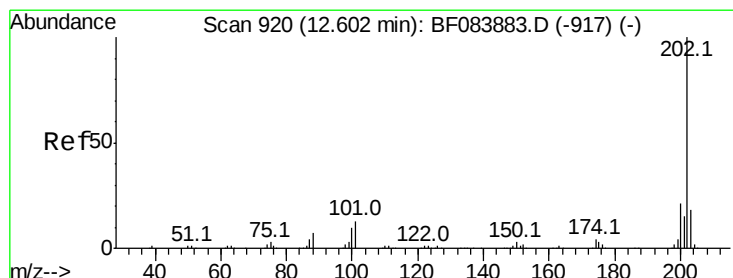
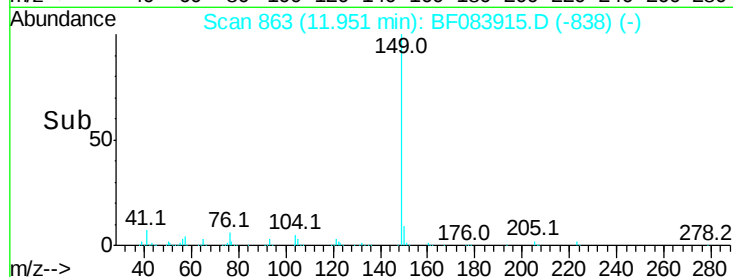
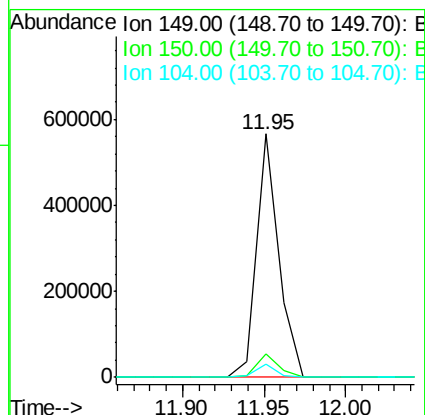
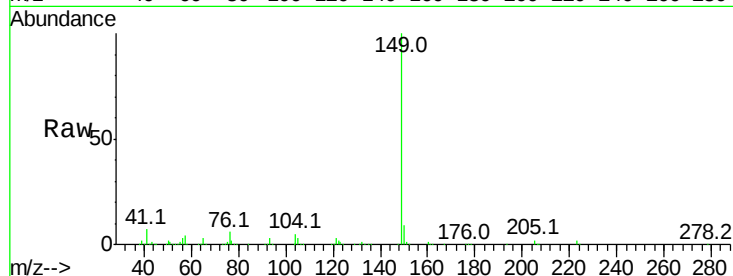
ClientSampleId :

PB87315BS

Tot Ion:	149	Resp:	534383
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.1	10.7
104	5.5	3.2	4.8

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#74

Fluoranthene

Concen: 38.80 ng

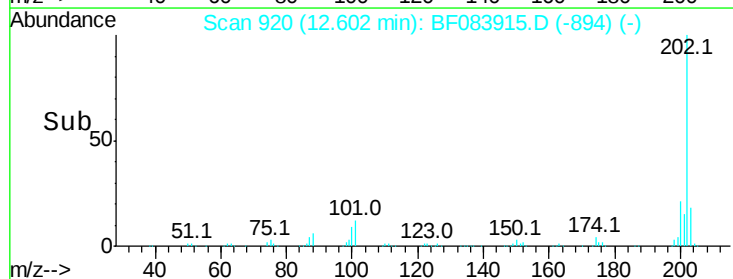
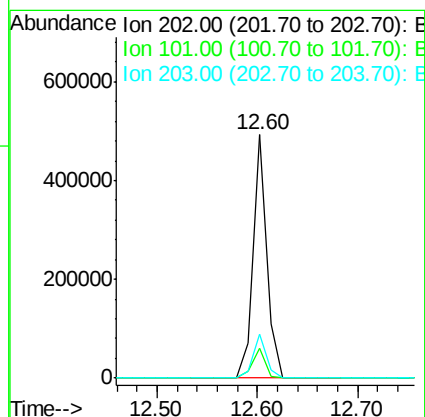
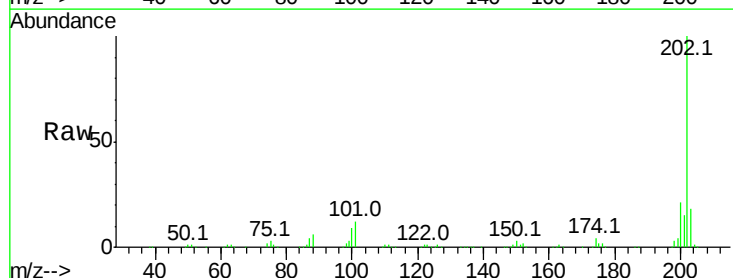
RT: 12.60 min Scan# 920

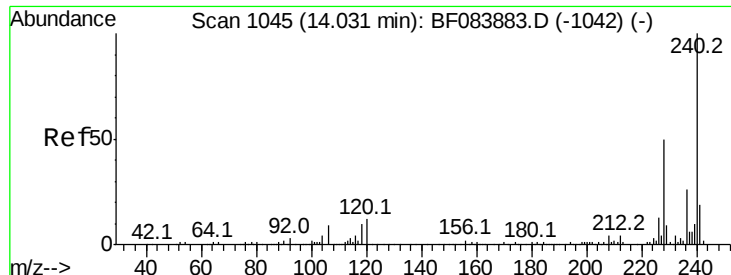
Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion:	202	Resp:	465644
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	32.8
203	17.9	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

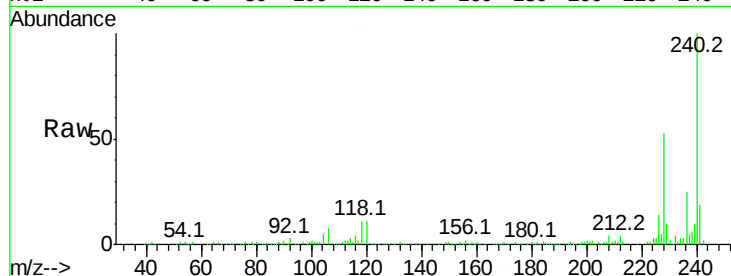
ClientSampleId :

PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	172160		
120	11.2	9.5	14.3	
236	25.4	20.6	31.0	

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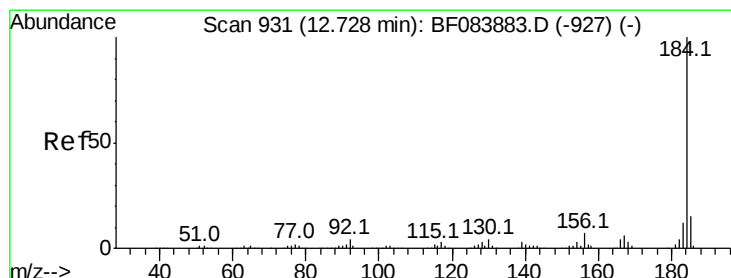
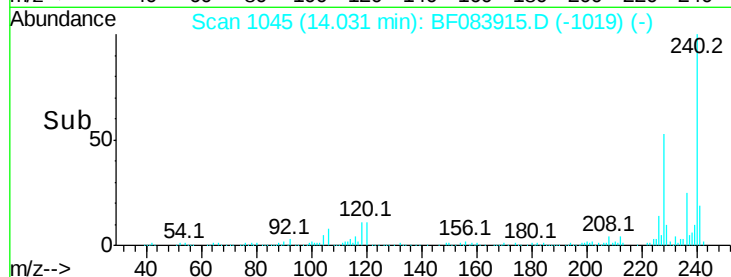
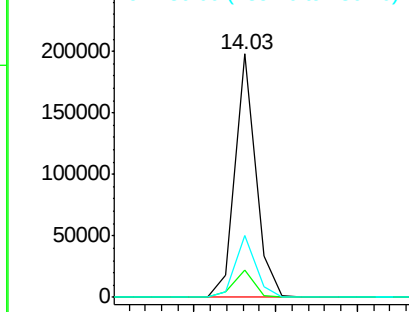
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 23.91 ng

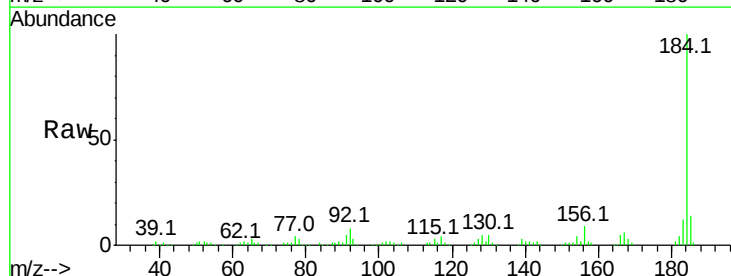
RT: 12.72 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

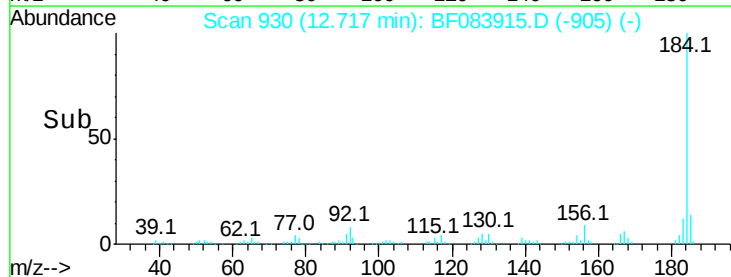
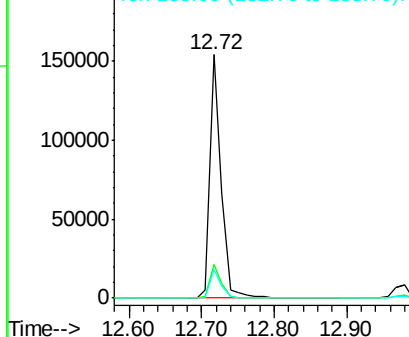
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	164850		
185	14.1	12.2	18.2	
183	11.8	9.8	14.8	

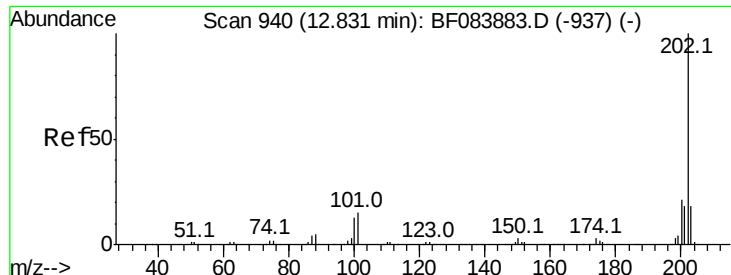


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 42.66 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

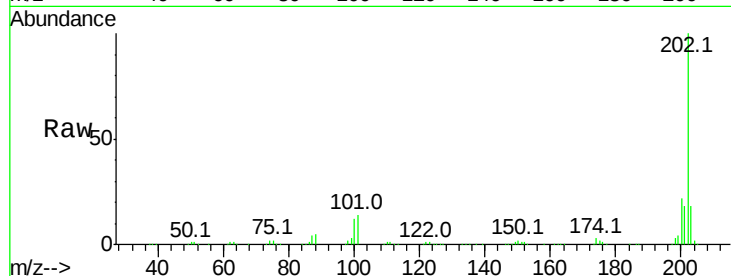
ClientSampleId :

PB87315BS

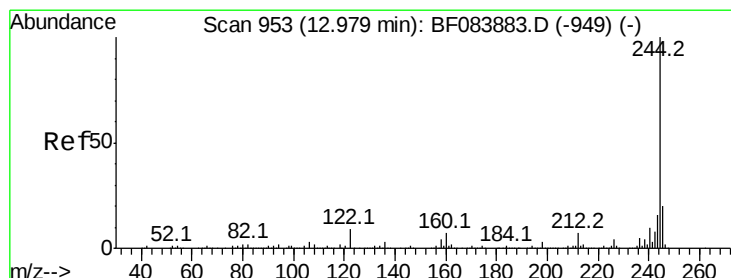
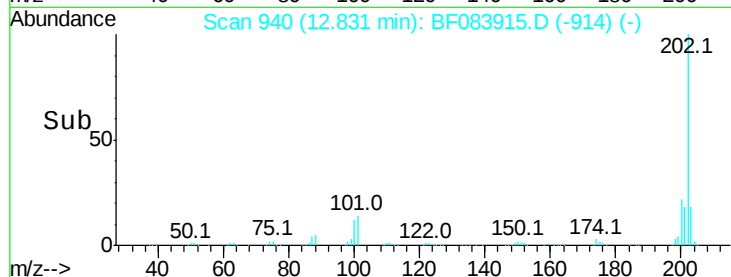
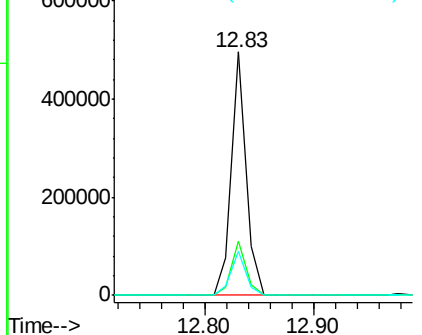
Tot Ion:	202	Resp:	464866
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.2	25.8
203	18.0	14.3	21.5

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



#78

Terphenyl-d14

Concen: 91.55 ng

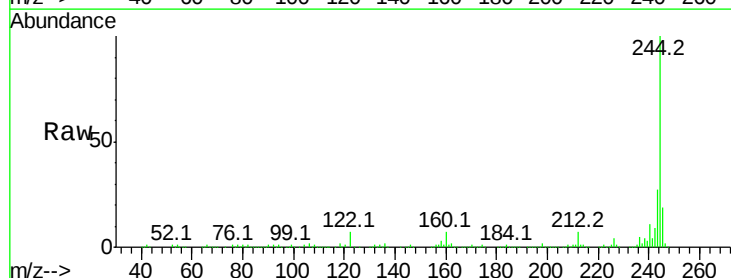
RT: 12.98 min Scan# 953

Delta R.T. 0.00 min

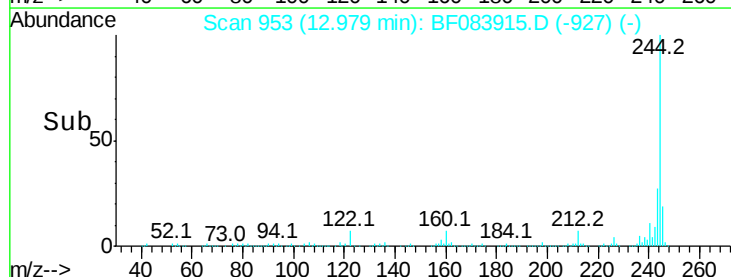
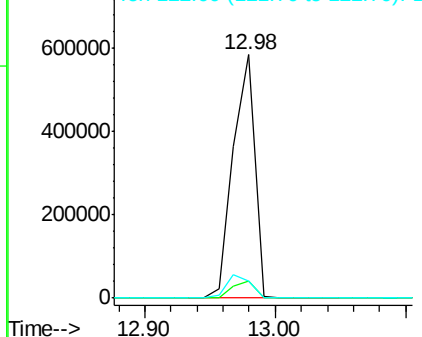
Lab File: BF083915.D

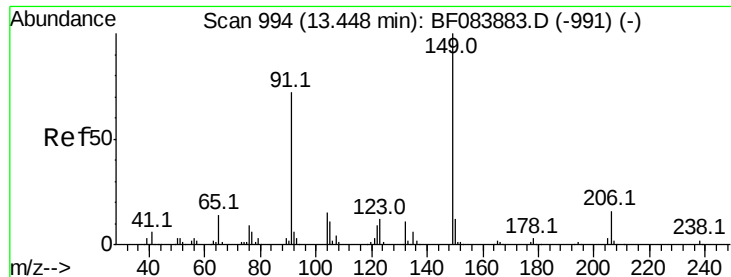
Acq: 18 Dec 2015 16:17

Tgt Ion:	244	Resp:	670570
Ion Ratio	Lower	Upper	
244	100		
212	7.0	5.7	8.5
122	7.2	7.4	11.0#



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





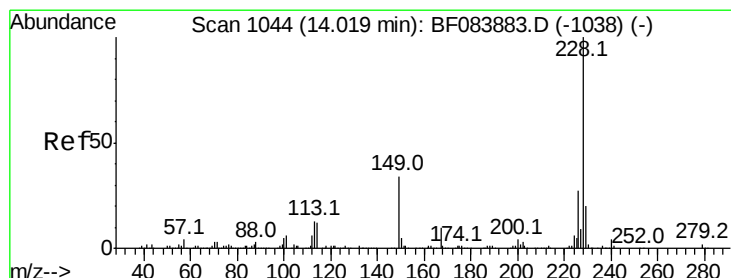
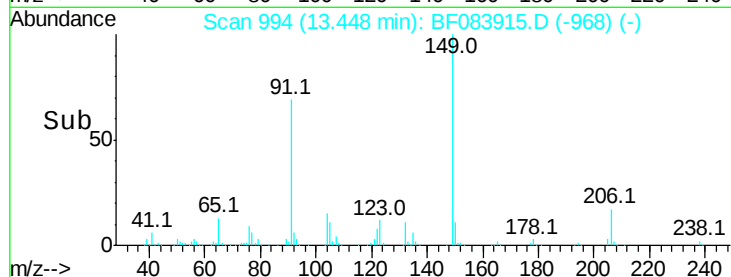
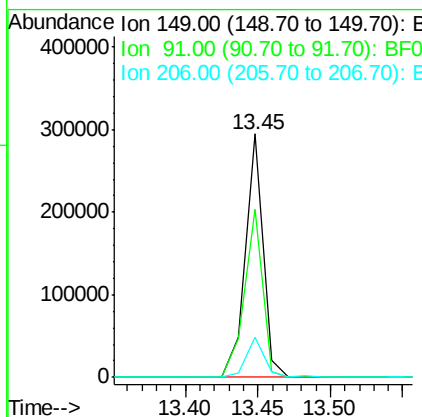
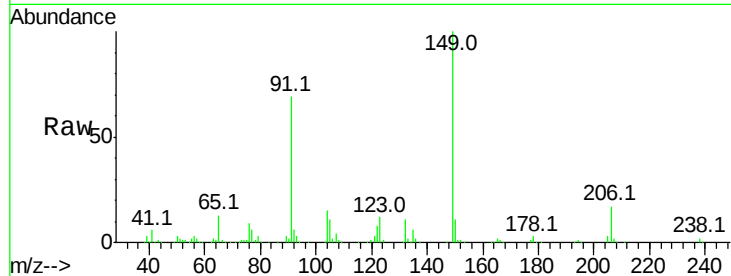
#79
Butylbenzylphthalate
Concen: 43.71 ng
RT: 13.45 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	250501		
91	69.1	57.6	86.4	
206	16.6	13.2	19.8	

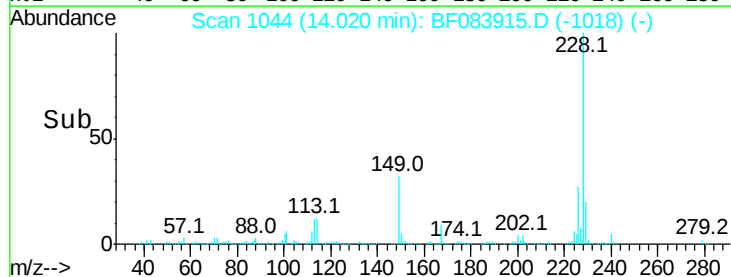
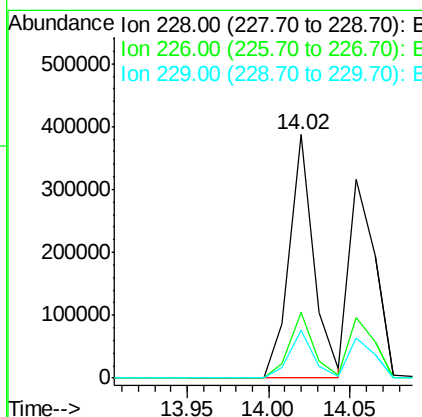
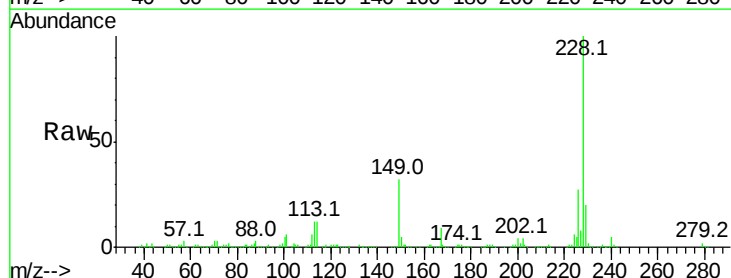
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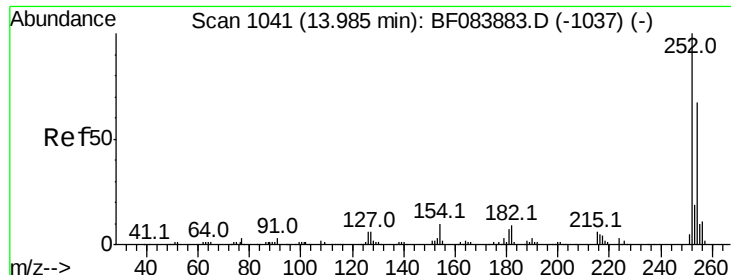
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#80
Benzo(a)anthracene
Concen: 38.59 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	408413		
226	27.1	21.8	32.6	
229	19.7	15.8	23.8	





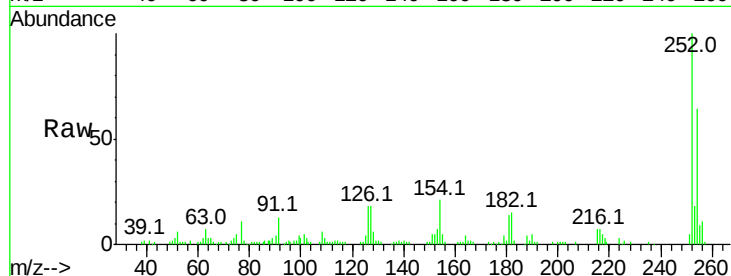
#81
 3,3'-Dichlorobenzidine
 Concen: 23.26 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

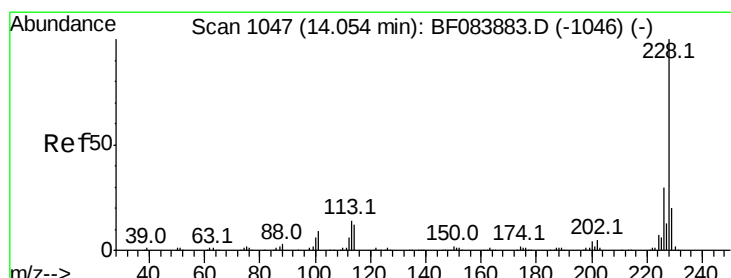
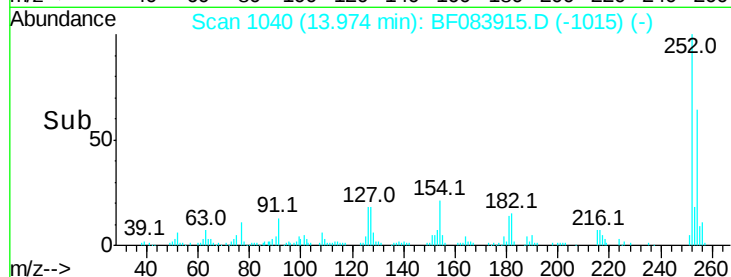
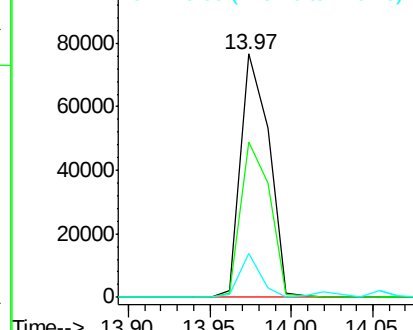
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.7	53.5	80.3
126	18.0	4.9	7.3

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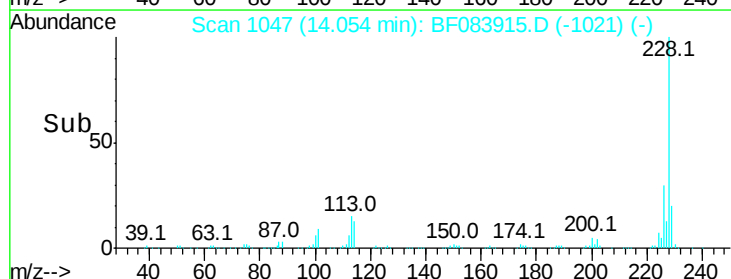
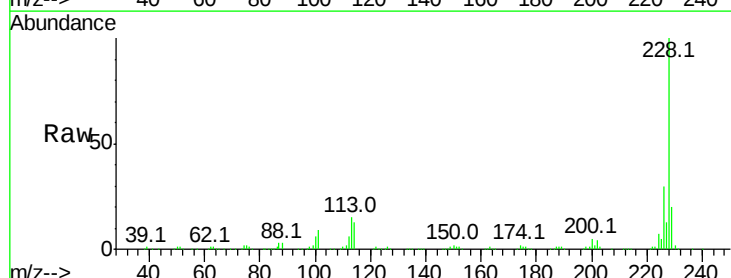
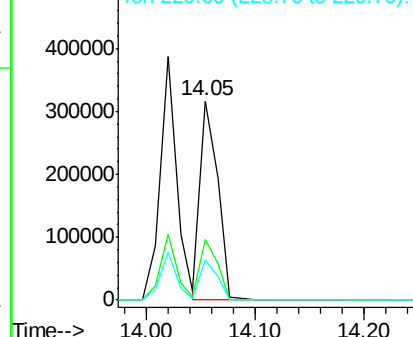
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

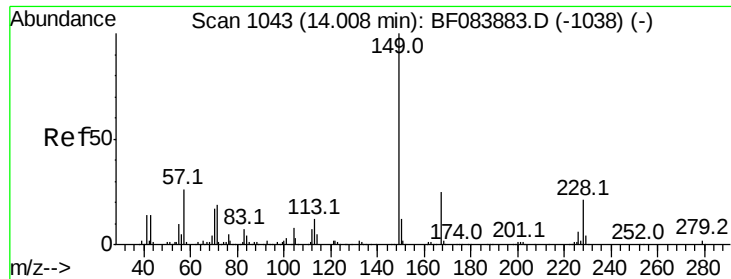


#82
 Chrysene
 Concen: 34.88 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.3	36.5
229	19.9	16.1	24.1

Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 41.89 ng

RT: 14.01 min Scan# 1043

Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Instrument :

BNA_F

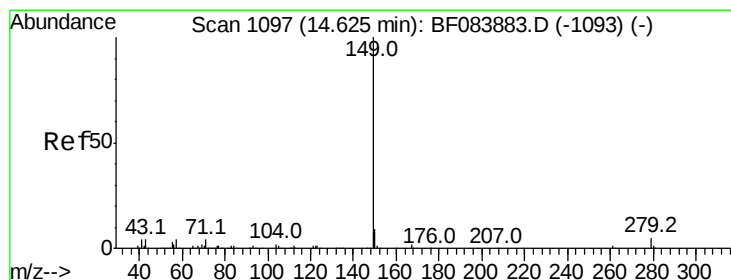
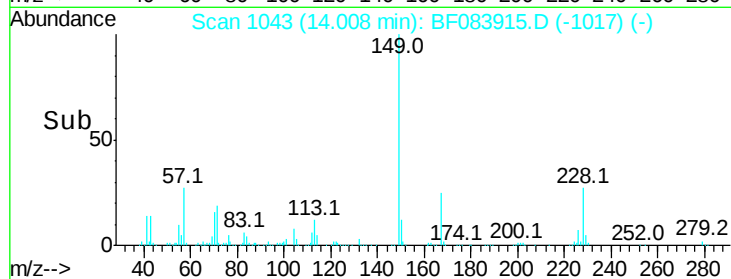
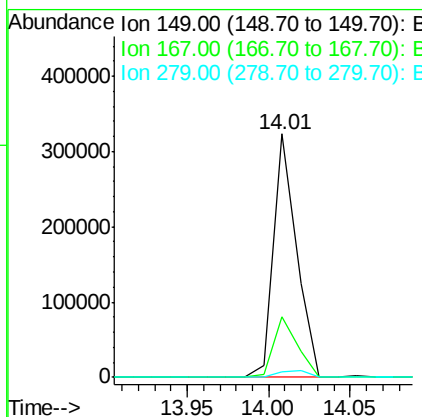
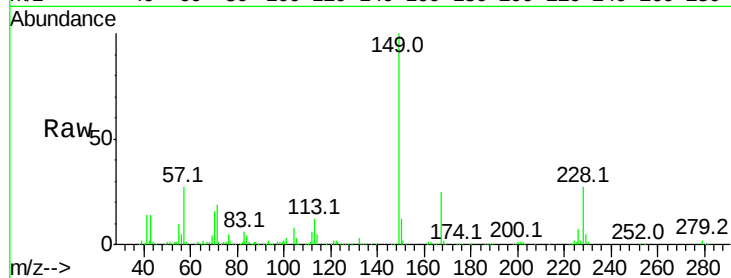
ClientSampleId :

PB87315BS

Tot Ion:	149	Resp:	320504
Ion Ratio	Lower	Upper	
149	100		
167	24.7	19.7	29.5
279	2.3	1.8	2.6

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#84

Di-n-octyl phthalate

Concen: 46.72 ng

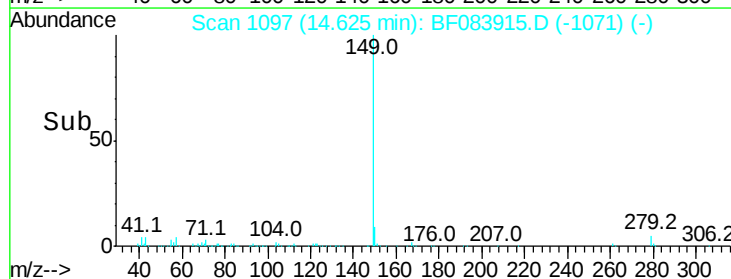
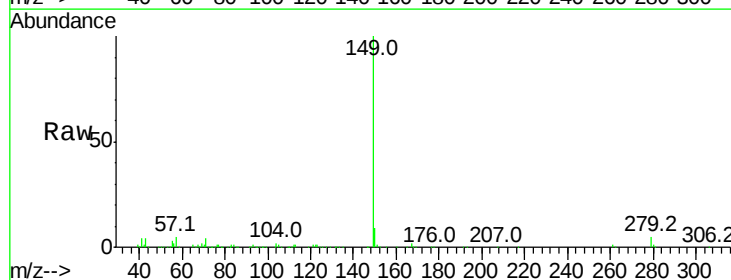
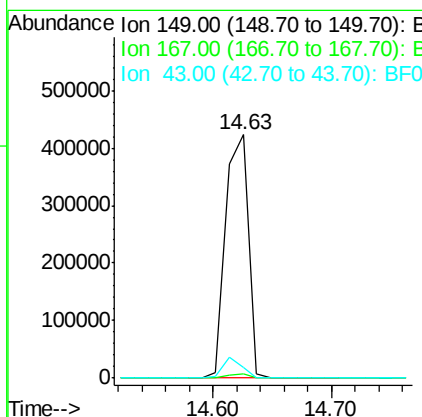
RT: 14.63 min Scan# 1097

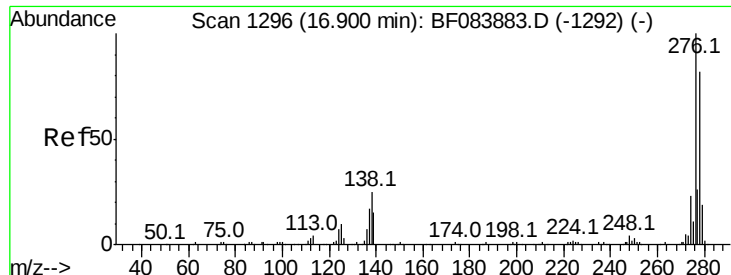
Delta R.T. 0.00 min

Lab File: BF083915.D

Acq: 18 Dec 2015 16:17

Tgt Ion:	149	Resp:	559393
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	7.0	5.6	8.4





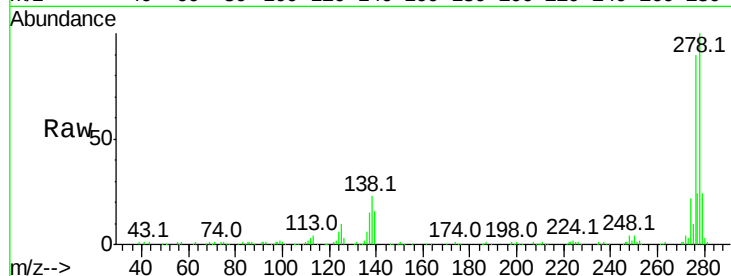
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.04 ng
 RT: 16.91 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

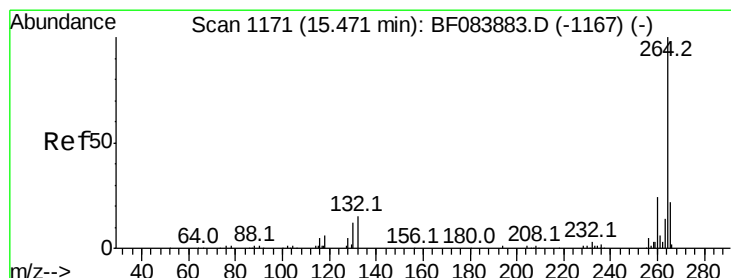
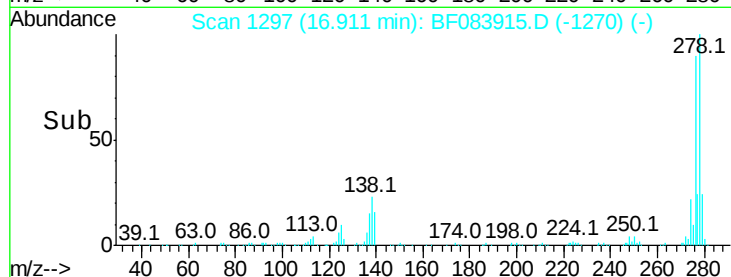
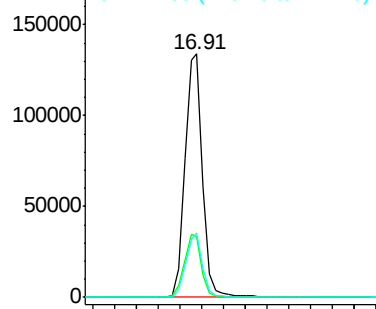
Tot Ion	Ratio	Resp	Lower	Upper
276	100	306178		
138	25.4		20.6	30.8
277	25.2		20.1	30.1

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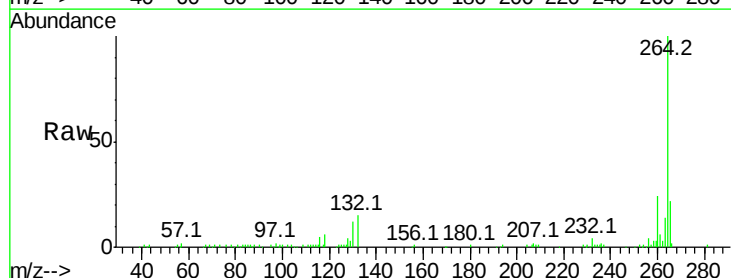


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

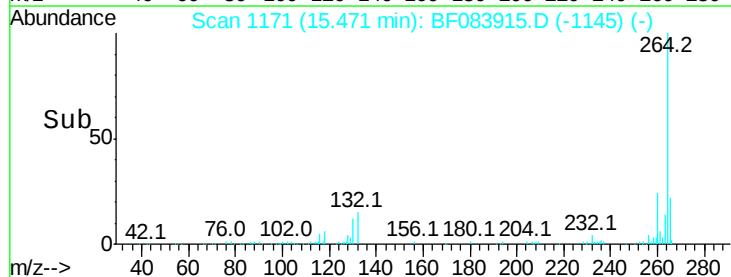
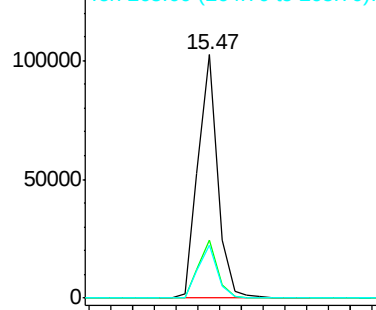


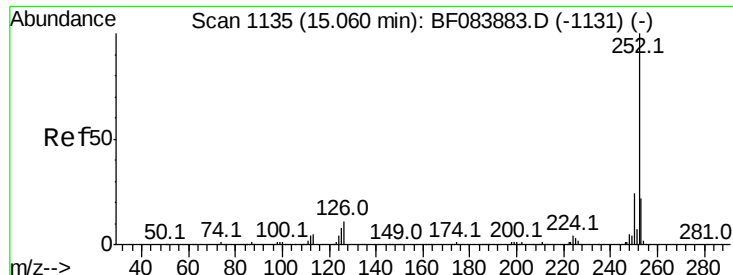
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	127685		
260	23.8		19.4	29.2
265	21.9		17.8	26.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





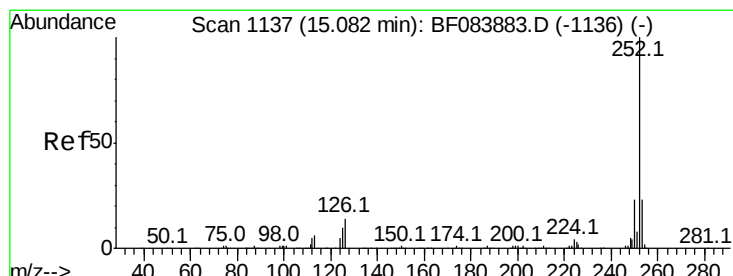
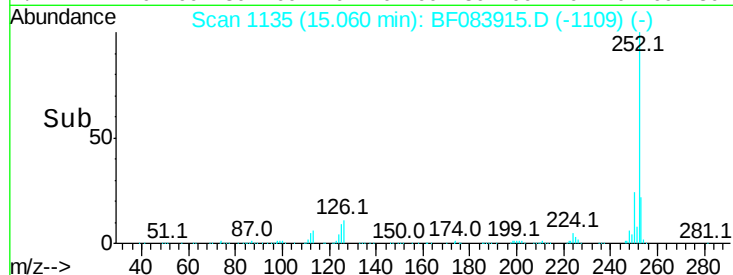
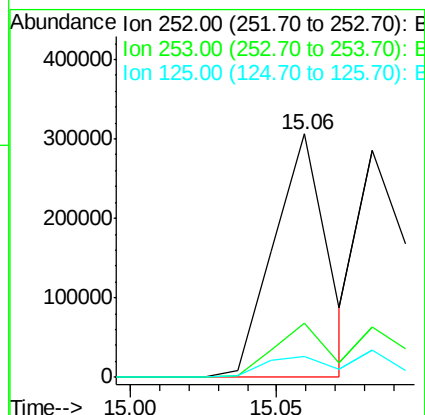
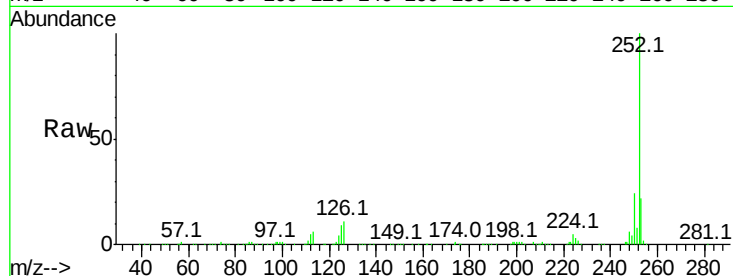
#87
Benzo(b)fluoranthene
Concen: 41.30 ng m
RT: 15.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	384490		
253	22.0	17.3	25.9	
125	8.8	6.5	9.7	

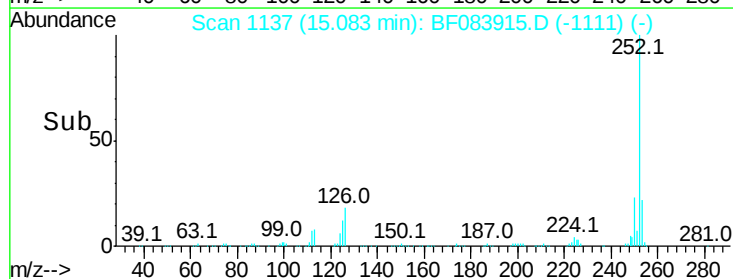
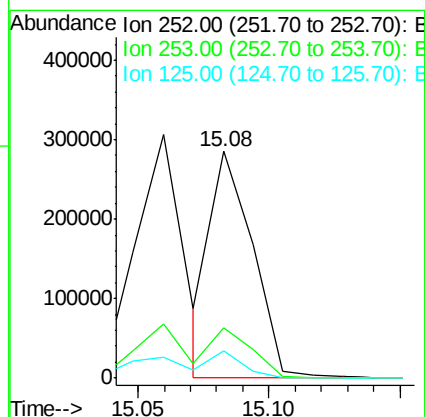
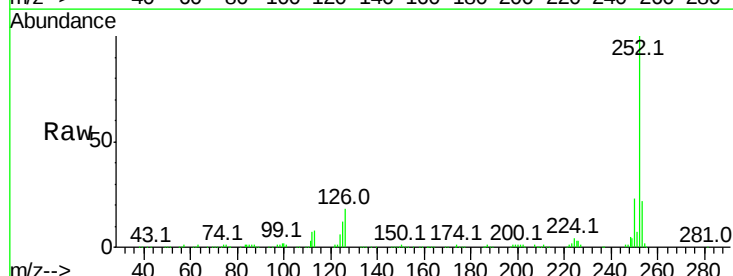
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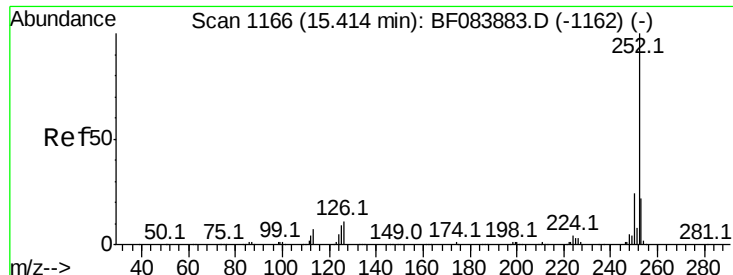
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#88
Benzo(k)fluoranthene
Concen: 41.67 ng m
RT: 15.08 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	320034		
253	22.0	18.1	27.1	
125	12.1	9.0	13.6	





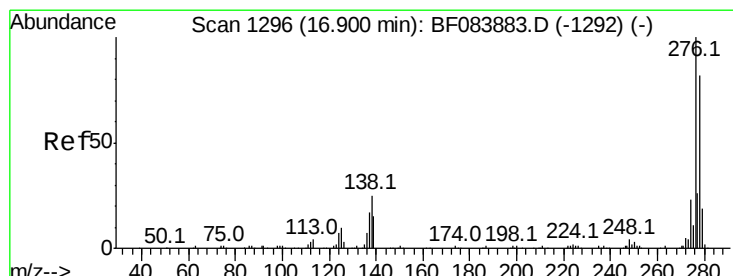
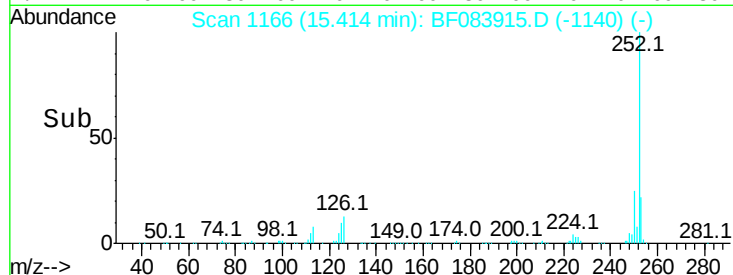
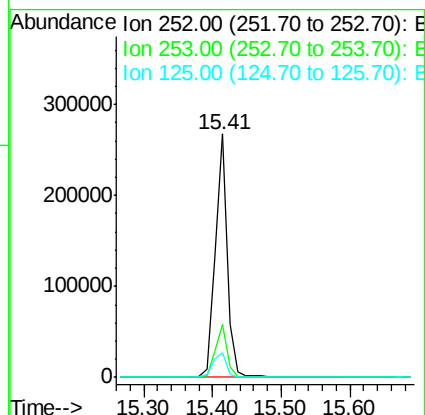
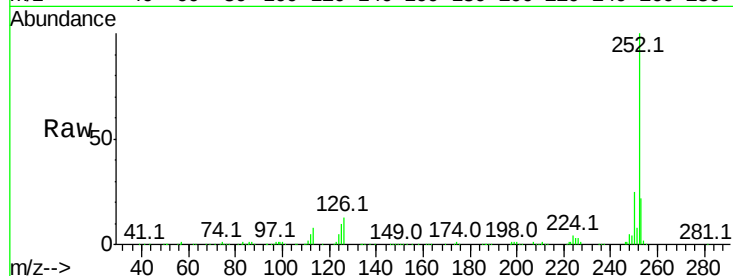
#89
Benzo(a)pyrene
Concen: 42.83 ng
RT: 15.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PB87315BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	329266		
253	21.7		17.3	25.9
125	10.2		7.0	10.4

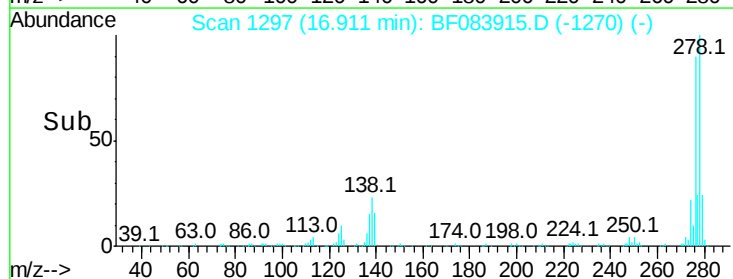
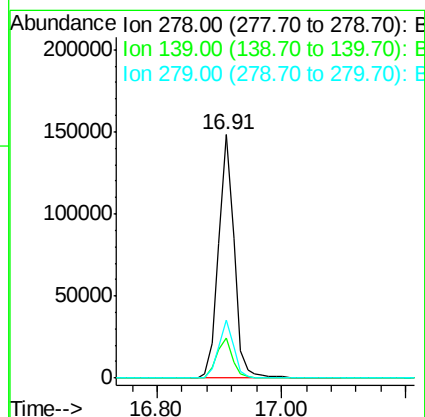
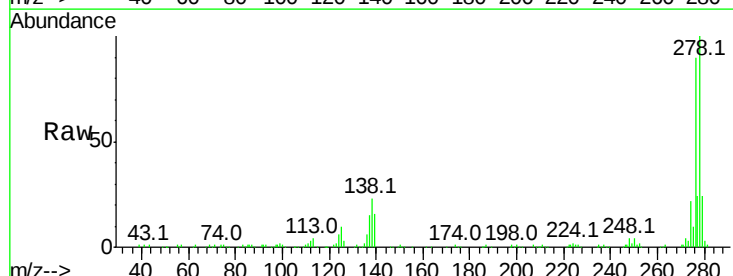
Manual Integrations
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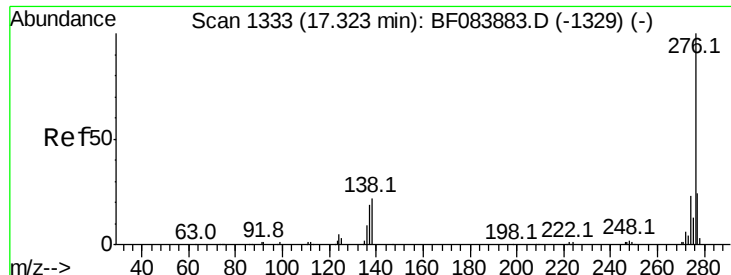
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#90
Dibenzo(a,h)anthracene
Concen: 42.61 ng
RT: 16.91 min Scan# 1297
Delta R.T. 0.01 min
Lab File: BF083915.D
Acq: 18 Dec 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	254792		
139	16.4		15.0	22.4
279	24.1		18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 42.22 ng
 RT: 17.33 min Scan# 1334
 Delta R.T. 0.01 min
 Lab File: BF083915.D
 Acq: 18 Dec 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PB87315BS

Tot Ion:	276	Resp:	247421
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	21.7	17.8	26.6

Manual Integrations
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