

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\
 Data File : BF083709.D
 Acq On : 11 Dec 2015 21:56
 Operator : UM/IZ
 Sample : PB87192BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:22:35 PM

Quant Time: Dec 11 23:15:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 11 19:24:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	143210	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	584965	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	262478	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	499649	20.00	ng	0.00
75) Chrysene-d12	14.08	240	329332	20.00	ng	0.00
86) Perylene-d12	15.51	264	277273	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.54	112	970042	104.32	ng	0.01
7) Phenol-d6	6.56	99	1303472	113.50	ng	0.01
23) Nitrobenzene-d5	7.48	82	732801	84.96	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	329019	129.50	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1362807	76.48	ng	0.00
78) Terphenyl-d14	13.03	244	1252251	85.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	145608	32.02	ng	# 86
3) Pyridine	3.39	79	419641	35.52	ng	89
4) n-Nitrosodimethylamine	3.33	42	180146	37.50	ng	# 74
6) Aniline	6.58	93	341540	21.72	ng	# 87
8) 2-Chlorophenol	6.72	128	378179	37.22	ng	# 76
9) Benzaldehyde	6.46	77	200572	31.71	ng	96
10) Phenol	6.57	94	526112	39.44	ng	# 69
11) bis(2-Chloroethyl)ether	6.66	93	374936	38.50	ng	94
12) 1,3-Dichlorobenzene	6.86	146	410188	36.57	ng	98
13) 1,4-Dichlorobenzene	6.94	146	429502	37.91	ng	96
14) 1,2-Dichlorobenzene	7.09	146	375235	36.02	ng	96
15) Benzyl Alcohol	7.06	79	319716	39.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	470844	34.92	ng	68
17) 2-Methylphenol	7.17	107	315234	38.43	ng	# 86
18) Hexachloroethane	7.45	117	150955	39.37	ng	98
19) n-Nitroso-di-n-propylamine	7.33	70	256159	38.27	ng	95
20) 3+4-Methylphenols	7.33	107	395872	39.20	ng	# 48
22) Acetophenone	7.33	105	499797	35.74	ng	# 99
24) Nitrobenzene	7.50	77	418139	43.33	ng	# 86
25) Isophorone	7.74	82	715287	37.10	ng	96
26) 2-Nitrophenol	7.82	139	190276	47.88	ng	# 79
27) 2,4-Dimethylphenol	7.86	122	354643m	36.69	ng	
28) bis(2-Chloroethoxy)methane	7.96	93	457914	41.54	ng	# 97
29) 2,4-Dichlorophenol	8.06	162	334573	41.86	ng	98
30) 1,2,4-Trichlorobenzene	8.16	180	344514	38.88	ng	98
31) Naphthalene	8.24	128	1138357	39.42	ng	99
32) Benzoic acid	7.96	122	213833m	40.91	ng	
33) 4-Chloroaniline	8.27	127	121783	10.14	ng	# 90
34) Hexachlorobutadiene	8.36	225	189593	38.50	ng	96
35) Caprolactam	8.64	113	106989m	41.64	ng	
36) 4-Chloro-3-methylphenol	8.75	107	344571	39.38	ng	95
37) 2-Methylnaphthalene	8.92	142	710604	39.00	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	322216	39.35	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	338131	87.28	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	225215	40.13	nq	97
43) 2,4,5-Trichlorophenol	9.23	196	206748	38.19	nq #	89
45) 1,1'-Biphenyl	9.39	154	887288	38.76	nq	95
46) 2-Chloronaphthalene	9.41	162	684036	39.64	nq	99
47) 2-Nitroaniline	9.49	65	165631	39.13	nq	88
48) Acenaphthylene	9.82	152	1058462	37.23	nq	99
49) Dimethylphthalate	9.69	163	809539	40.09	nq	99
50) 2,6-Dinitrotoluene	9.74	165	174383	44.47	nq #	61
51) Acenaphthene	10.00	154	676243	40.17	nq	99
52) 3-Nitroaniline	9.90	138	92755	21.09	nq #	75
53) 2,4-Dinitrophenol	10.01	184	114200	87.52	nq #	47
54) Dibenzofuran	10.17	168	894173	39.89	nq	91
55) 4-Nitrophenol	10.06	139	338832	90.65	nq #	79
56) 2,4-Dinitrotoluene	10.14	165	247382	49.61	nq #	67
57) Fluorene	10.51	166	690928	38.84	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.28	232	179510	44.77	nq #	100
59) Diethylphthalate	10.38	149	736010	38.89	nq	100
60) 4-Chlorophenyl-phenylether	10.50	204	315777	37.20	nq	89
61) 4-Nitroaniline	10.52	138	180494	44.28	nq	92
62) Azobenzene	10.66	77	687715	38.17	nq	97
64) 4,6-Dinitro-2-methylphenol	10.54	198	84655	42.65	nq	92
65) n-Nitrosodiphenylamine	10.62	169	639683	38.57	nq	99
66) 4-Bromophenyl-phenylether	10.99	248	203839	38.17	nq #	90
67) Hexachlorobenzene	11.06	284	226496	38.94	nq	98
68) Atrazine	11.14	200	191363	40.46	nq	97
69) Pentachlorophenol	11.25	266	269922	83.15	nq	96
70) Phenanthrene	11.47	178	1114536	40.87	nq	98
71) Anthracene	11.52	178	997949	35.44	nq	99
72) Carbazole	11.66	167	907878	35.13	nq #	96
73) Di-n-butylphthalate	12.01	149	1111223	39.45	nq	100
74) Fluoranthene	12.65	202	1028949	36.05	nq	96
76) Benzidine	12.76	184	266887	21.02	nq	99
77) Pyrene	12.88	202	1049091	40.40	nq	98
79) Butylbenzylphthalate	13.49	149	400757	48.14	nq #	86
80) Benzo(a)anthracene	14.07	228	814699	42.22	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	138130	22.52	nq	99
82) Chrysene	14.10	228	786497	42.39	nq	99
83) Bis(2-ethylhexyl)phthalate	14.07	149	431343	47.90	nq	100
84) Di-n-octyl phthalate	14.67	149	663429	48.75	nq #	100
85) Indeno(1,2,3-cd)pyrene	16.95	276	797901	39.99	nq #	100
87) Benzo(b)fluoranthene	15.09	252	649259m	37.68	nq	
88) Benzo(k)fluoranthene	15.13	252	655524m	39.89	nq	
89) Benzo(a)pyrene	15.45	252	629955	40.20	nq	98
90) Dibenzo(a,h)anthracene	16.96	278	663424	42.73	nq #	95
91) Benzo(g,h,i)perylene	17.37	276	684534	41.82	nq	97

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

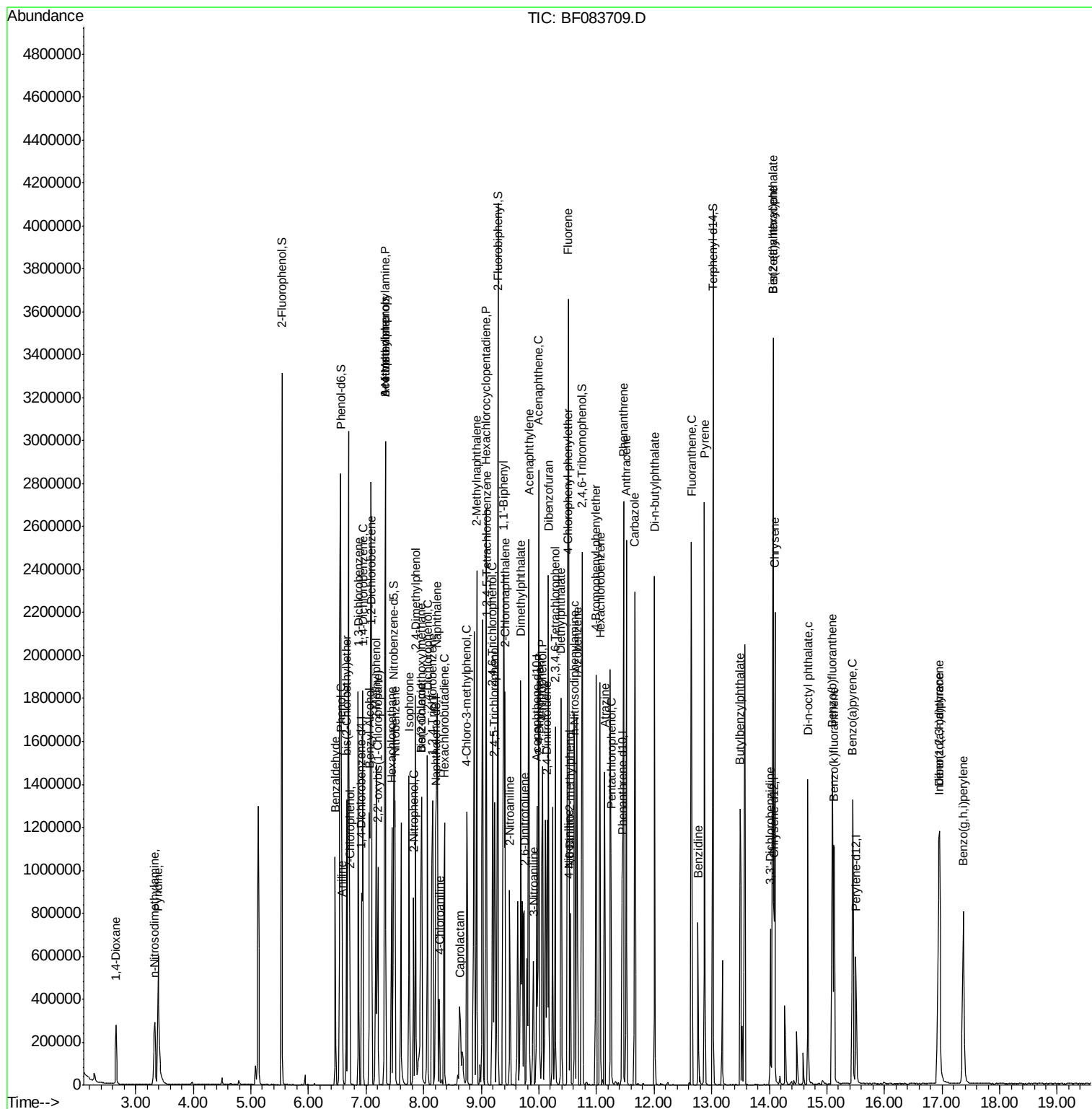
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121115\  
Data File : BF083709.D  
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Operator  : UM/IZ  
Sample    : PB87192BS  
Misc      :  
ALS Vial  : 12      Sample Multiplier: 1
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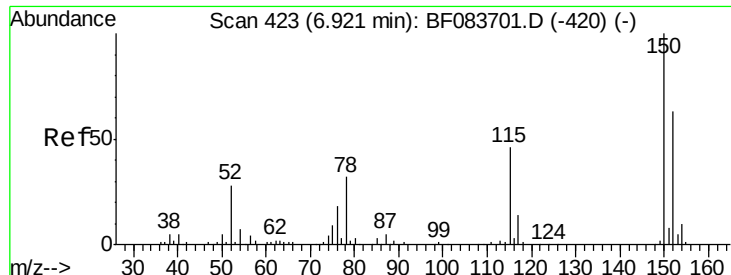
Instrument :
BNA_F
ClientSampleId :
PB87192BS

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.92 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

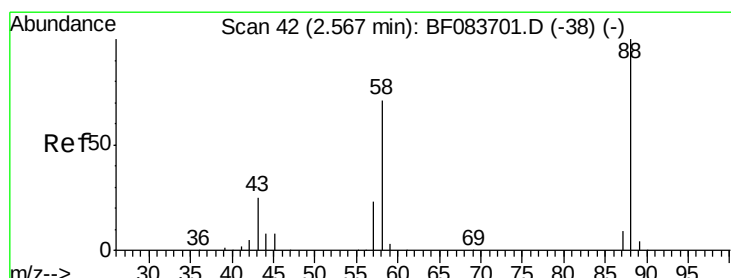
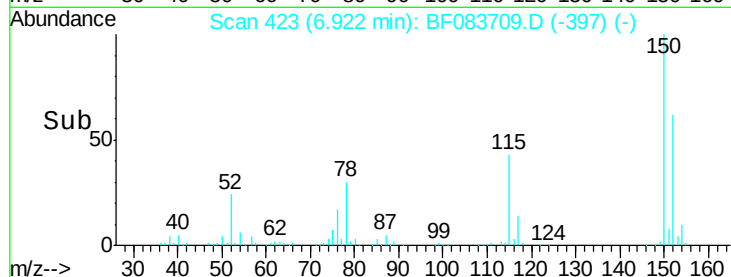
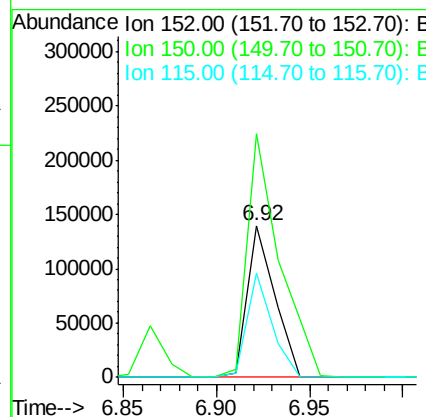
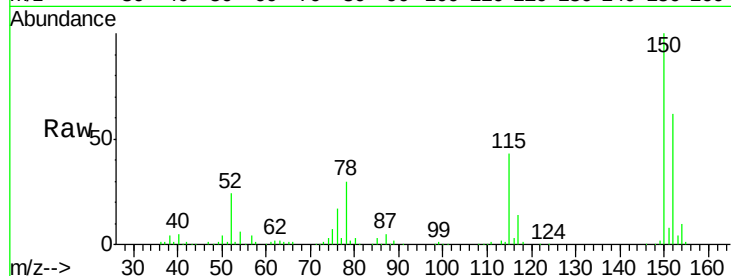
ClientSampleId :

PB87192BS

Tot Ion:	152	Resp:	143210
Ion Ratio	Lower	Upper	
152	100		
150	160.1	126.5	189.7
115	68.6	52.3	78.5

Manual Integrations
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#2

1,4-Dioxane

Concen: 32.02 ng

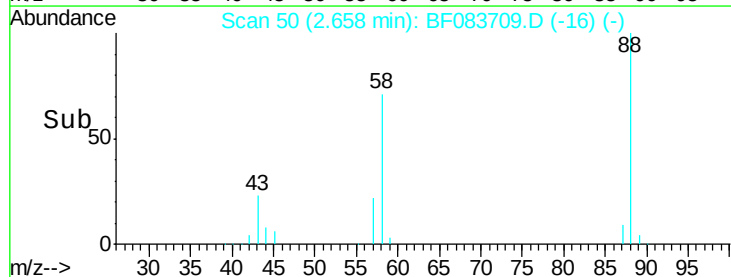
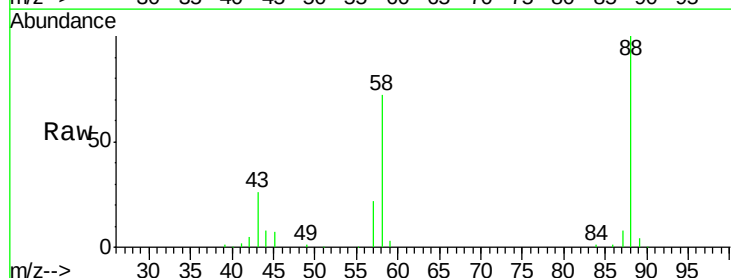
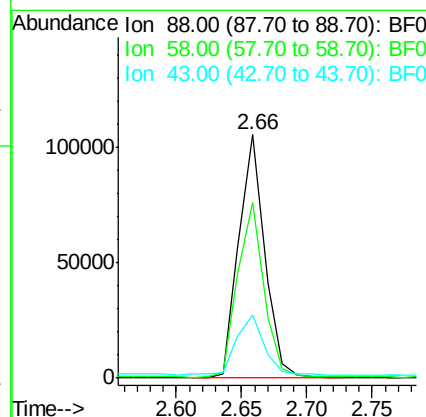
RT: 2.66 min Scan# 50

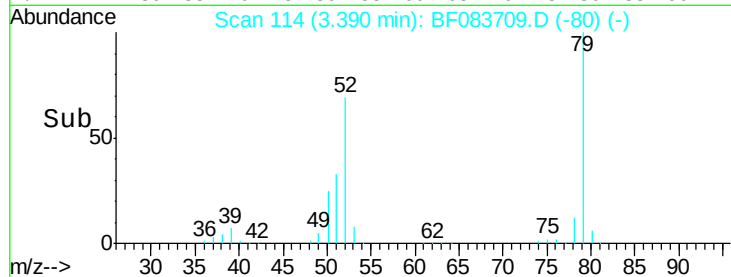
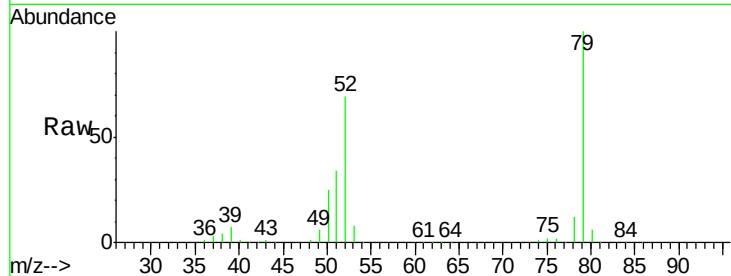
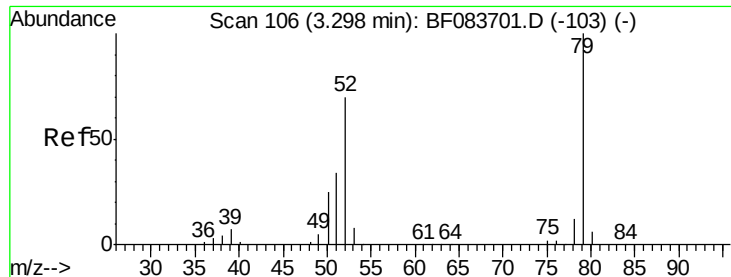
Delta R.T. 0.09 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	88	Resp:	145608
Ion Ratio	Lower	Upper	
88	100		
58	73.0	68.0	102.0
43	26.3	27.9	41.9#





#3

Pvridine

Concen: 35.52 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.09 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tot Ion:	79	Resp:	419641
Ion Ratio	Lower	Upper	
79	100		
52	69.1	63.7	95.5
51	33.5	30.6	45.8

Instrument :

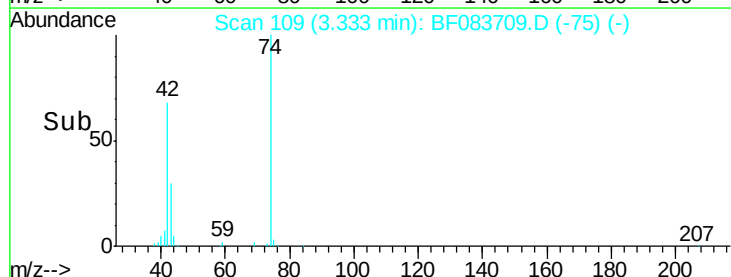
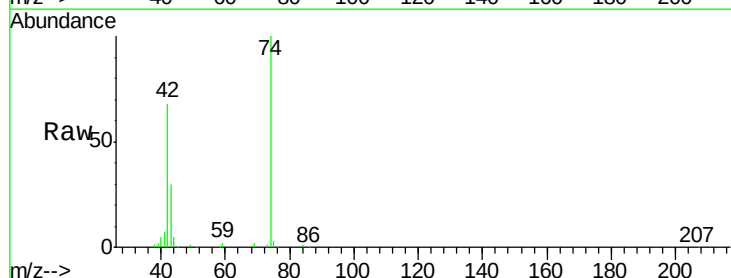
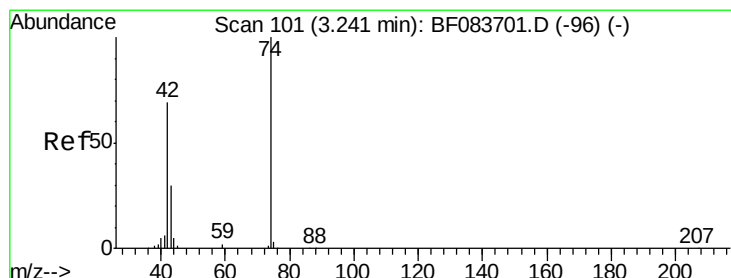
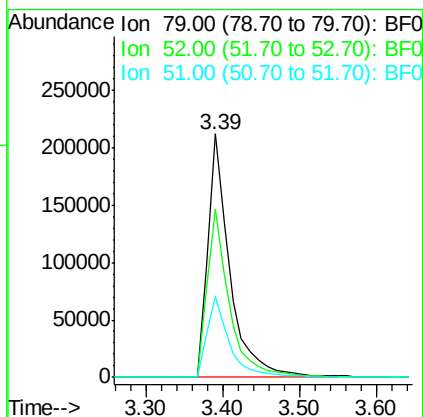
BNA_F

ClientSampleId :

PB87192BS

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 37.50 ng

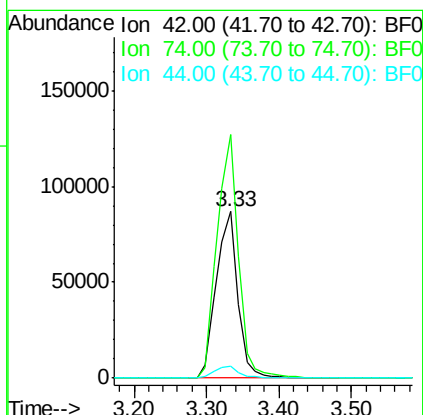
RT: 3.33 min Scan# 109

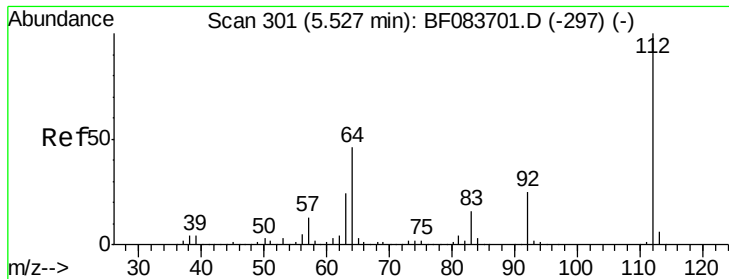
Delta R.T. 0.09 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	42	Resp:	180146
Ion Ratio	Lower	Upper	
42	100		
74	146.5	92.9	139.3#
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 104.32 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF083709.D

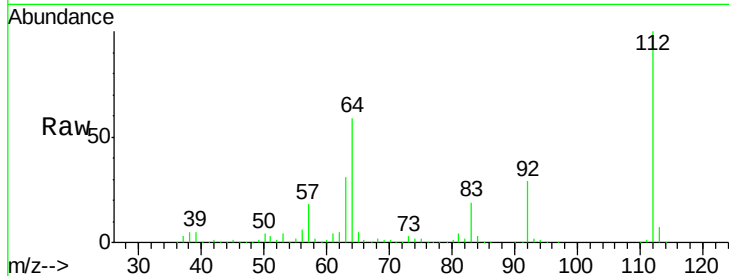
Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

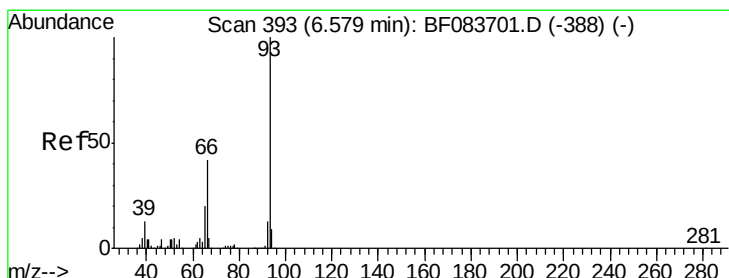
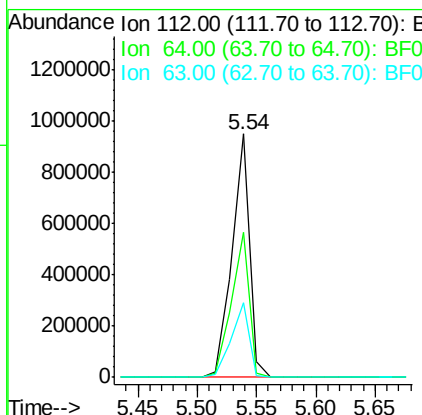
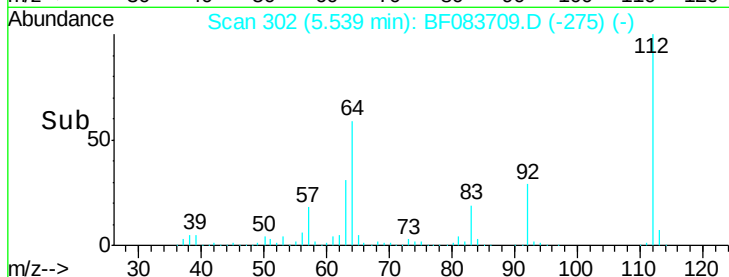
PB87192BS



Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		970042		
64	59.4	50.5	75.7		
63	30.8	25.8	38.6		

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#6

Aniline

Concen: 21.72 ng

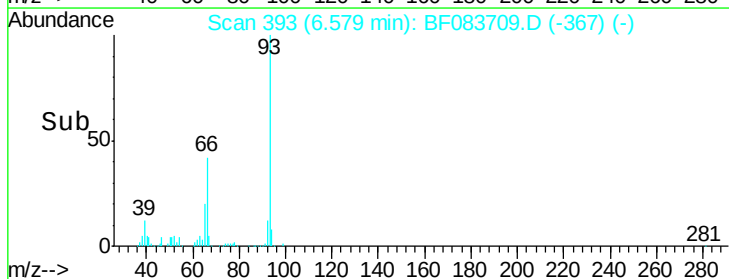
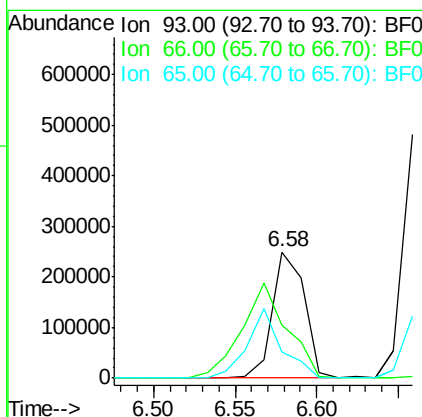
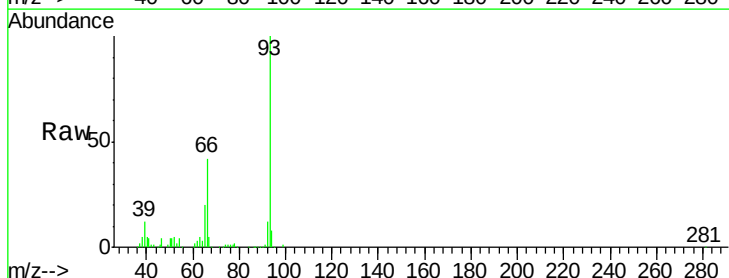
RT: 6.58 min Scan# 393

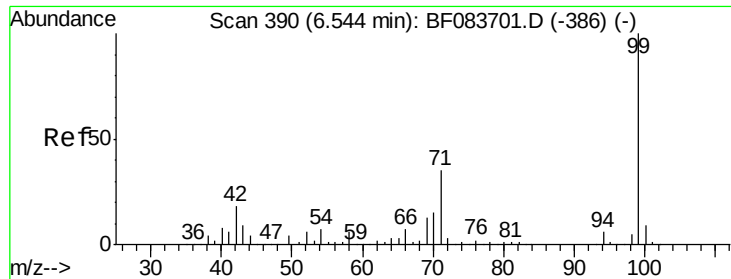
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		341540		
66	41.8	41.3	61.9		
65	20.2	20.8	31.2#		





#7

Phenol-d6

Concen: 113.50 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

Tot Ion: 99 Resp: 1303472

Ion Ratio Lower Upper

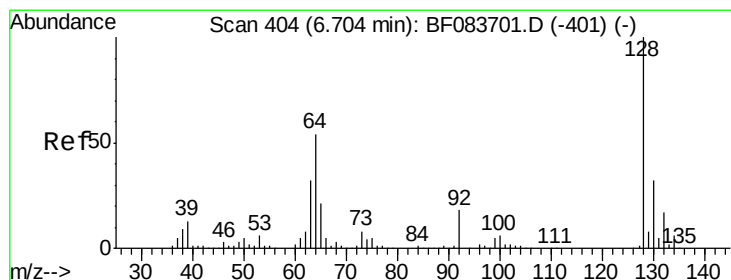
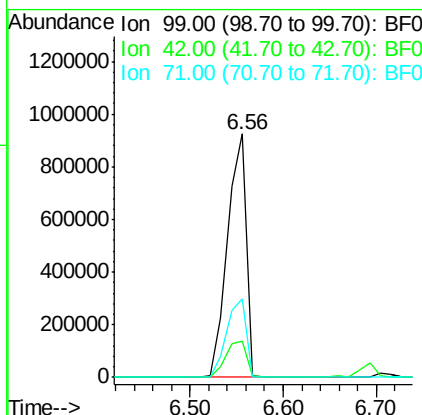
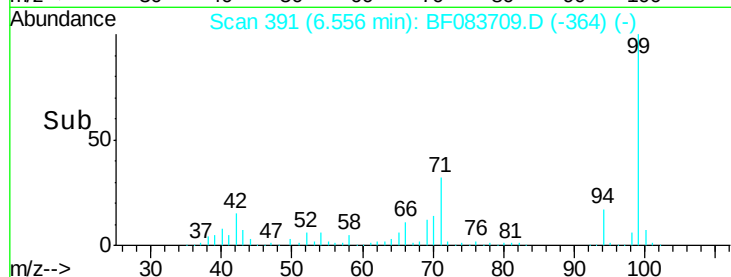
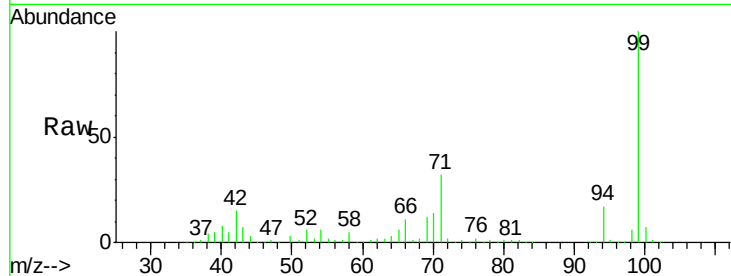
99 100

42 14.6 17.3 25.9#

71 32.4 26.6 40.0

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#8

2-Chlorophenol

Concen: 37.22 ng

RT: 6.72 min Scan# 405

Delta R.T. 0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

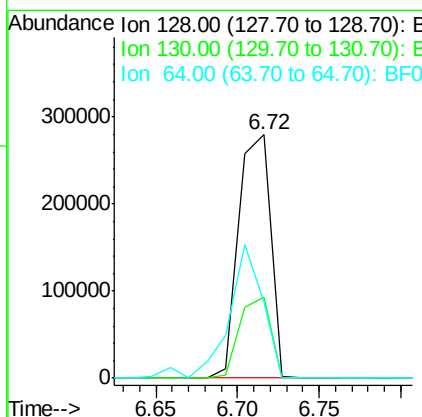
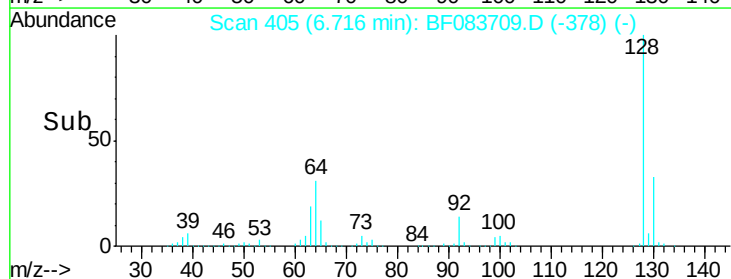
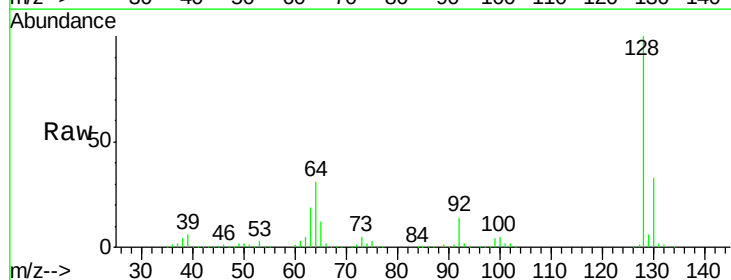
Tgt Ion: 128 Resp: 378179

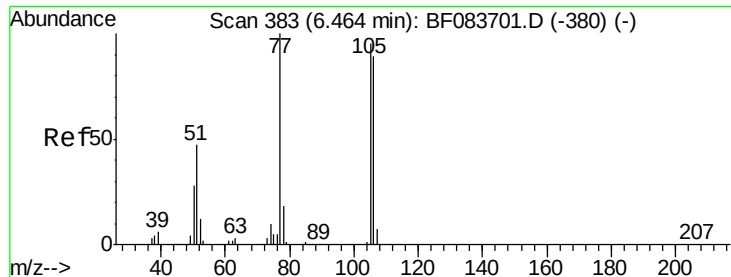
Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

64 31.1 38.6 78.6#





#9

Benzaldehyde

Concen: 31.71 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083709.D

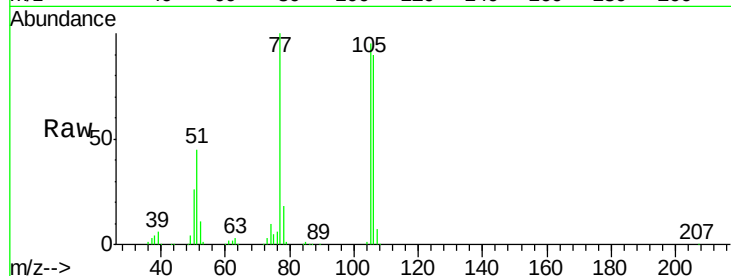
Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

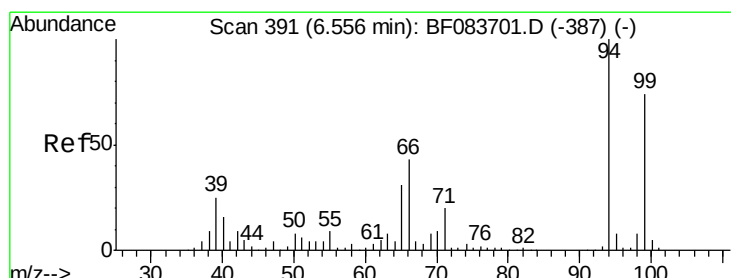
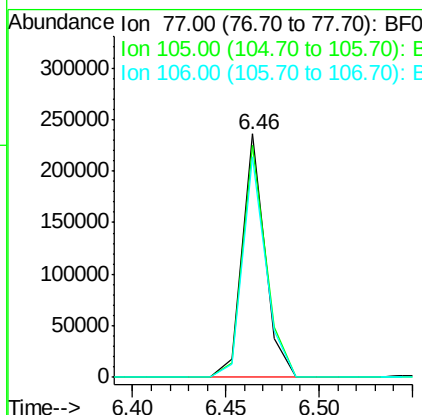
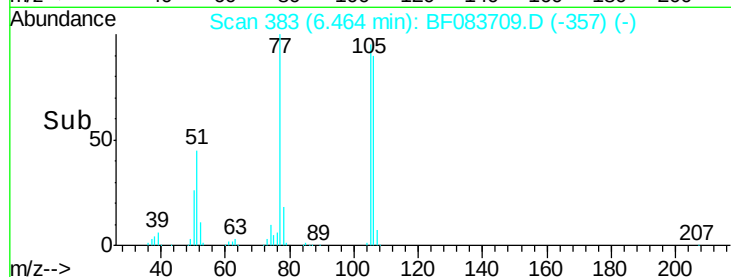
PB87192BS



Tot Ion:	77	Resp:	200572
Ion Ratio	Lower	Upper	
77	100		
105	95.2	71.8	111.8
106	90.4	66.8	106.8

Manual Integrations
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#10

Phenol

Concen: 39.44 ng

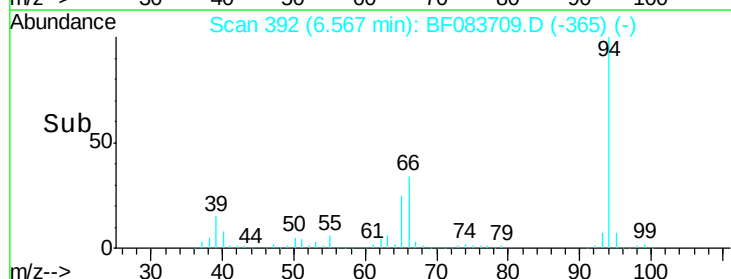
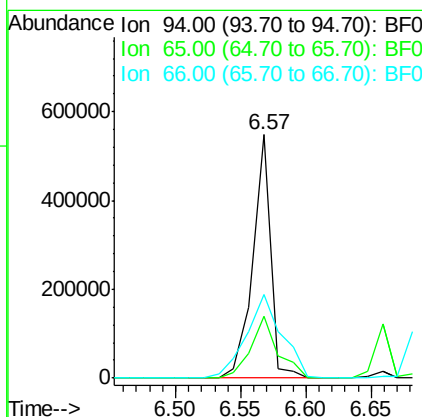
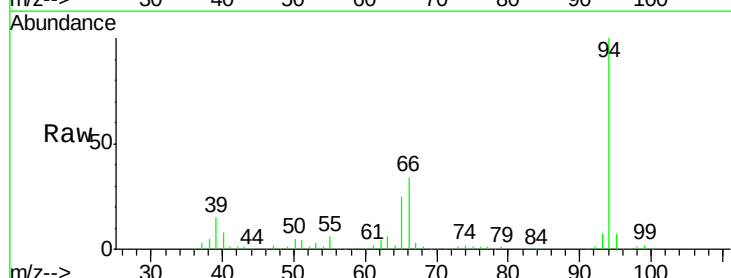
RT: 6.57 min Scan# 392

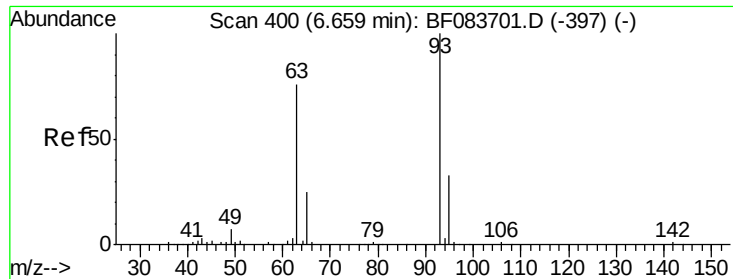
Delta R.T. 0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	94	Resp:	526112
Ion Ratio	Lower	Upper	
94	100		
65	25.3	20.9	60.9
66	34.4	41.6	81.6#





#11

bis(2-Chloroethyl)ether

Concen: 38.50 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

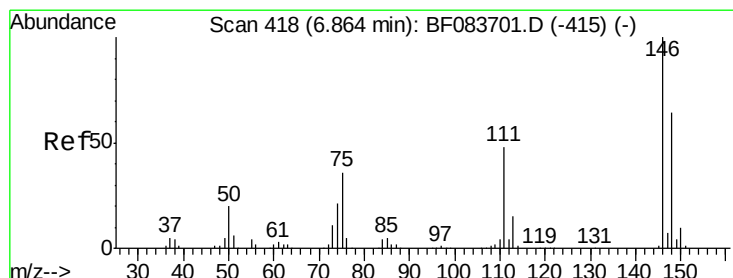
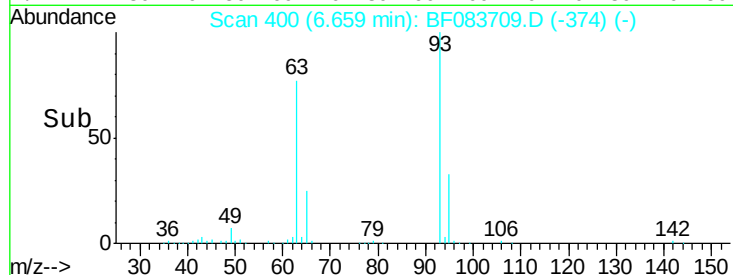
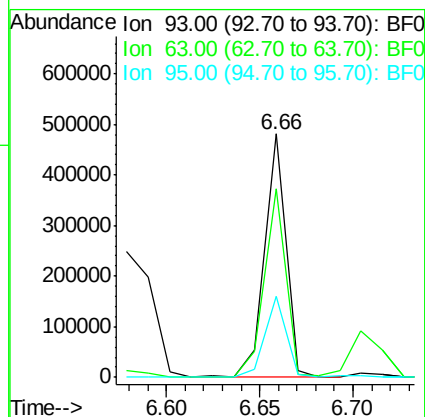
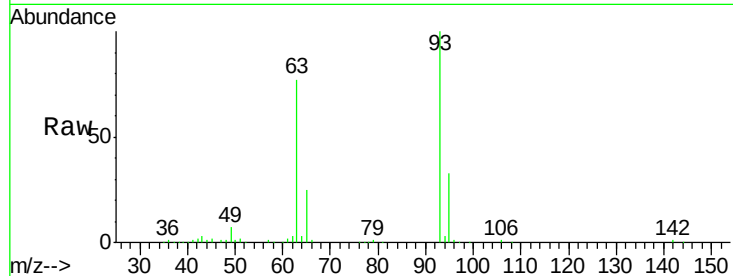
ClientSampleId :

PB87192BS

Tot Ion:	93	Resp:	374936
Ion Ratio	Lower	Upper	
93	100		
63	77.3	64.7	104.7
95	33.2	12.7	52.7

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#12

1,3-Dichlorobenzene

Concen: 36.57 ng

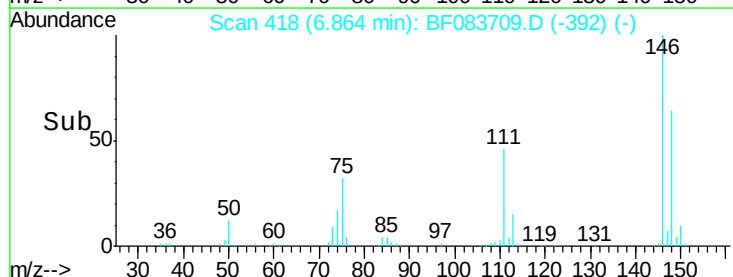
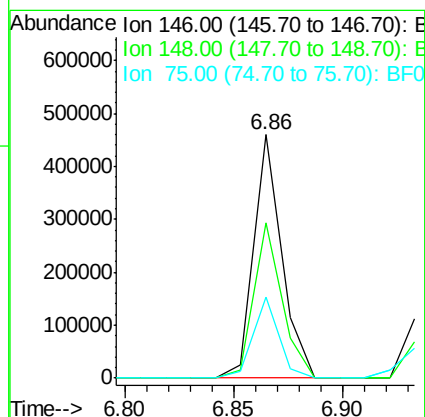
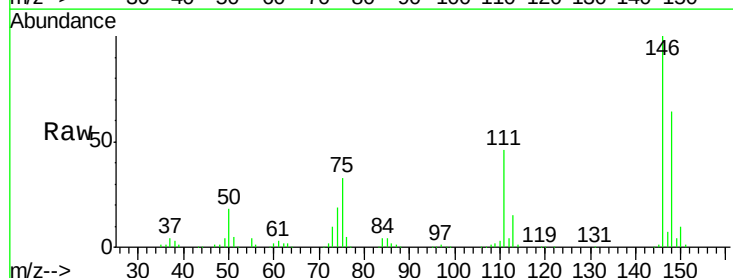
RT: 6.86 min Scan# 418

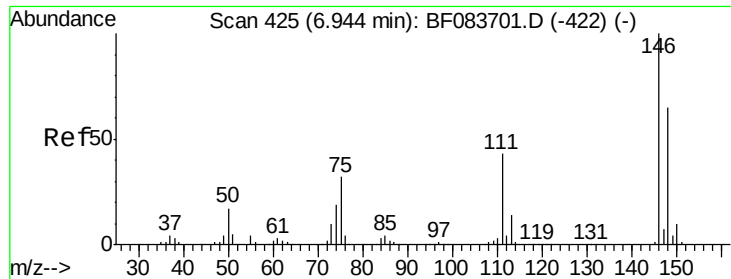
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	146	Resp:	410188
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.3	76.9
75	33.4	24.1	36.1





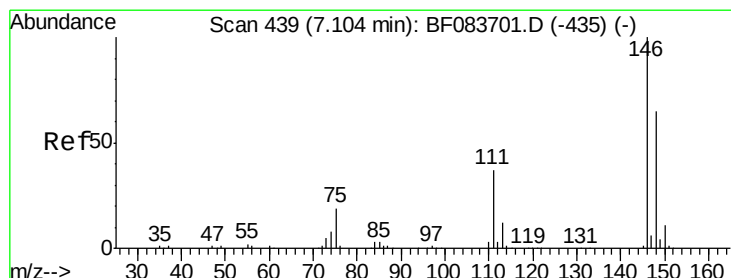
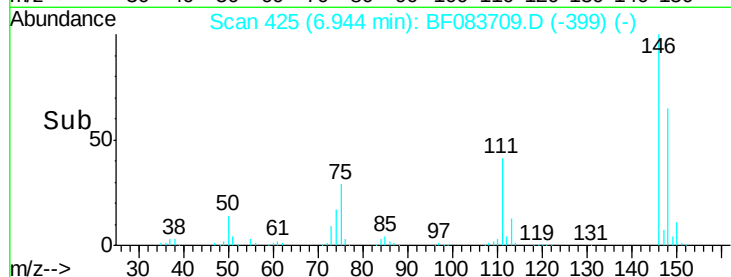
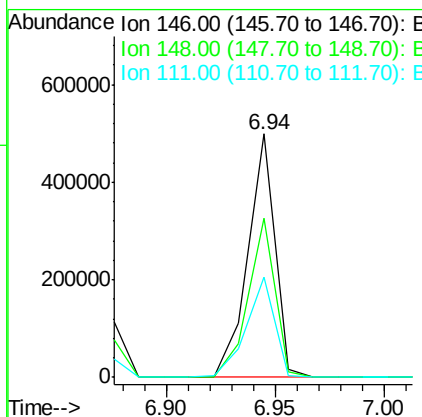
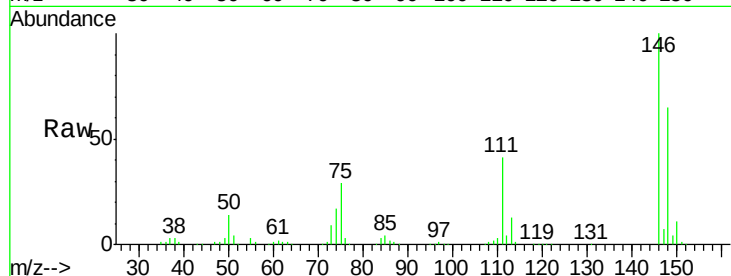
#13
 1,4-Dichlorobenzene
 Concen: 37.91 ng
 RT: 6.94 min Scan# 425
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	50.6	76.0
111	41.2	36.1	54.1

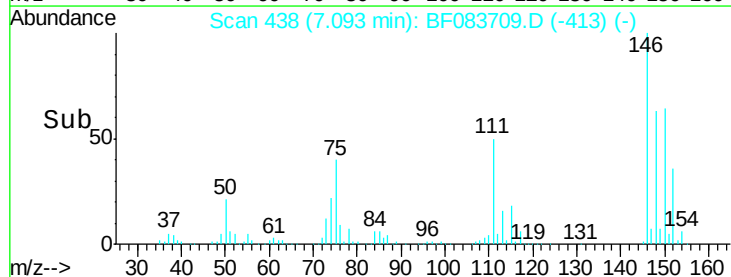
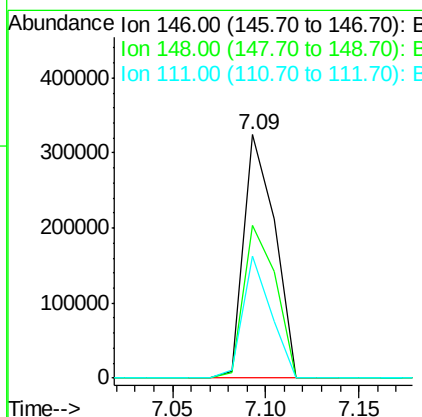
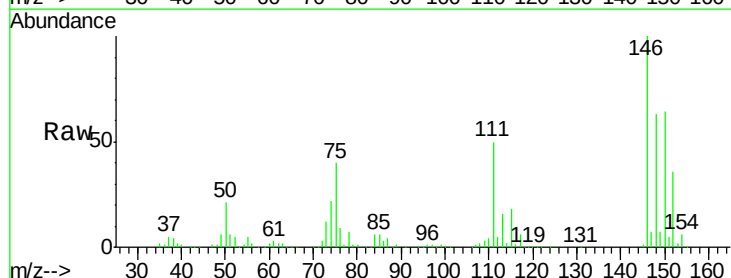
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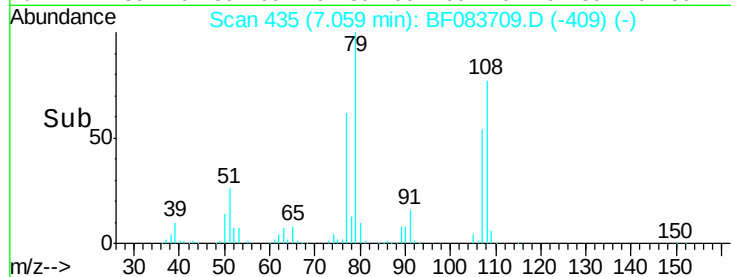
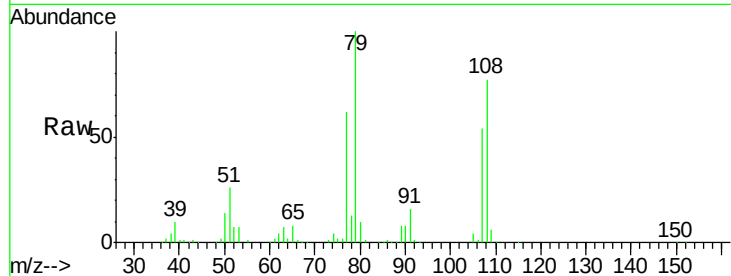
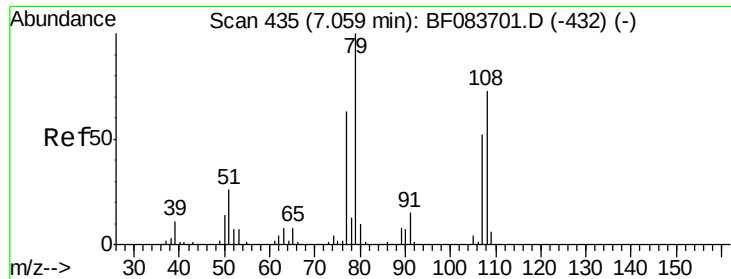
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 36.02 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
111	50.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 39.63 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tot Ion:	79	Resp:	319716
Ion Ratio	Lower	Upper	
79	100		
108	76.9	59.6	89.4
77	62.4	49.8	74.6

Instrument :

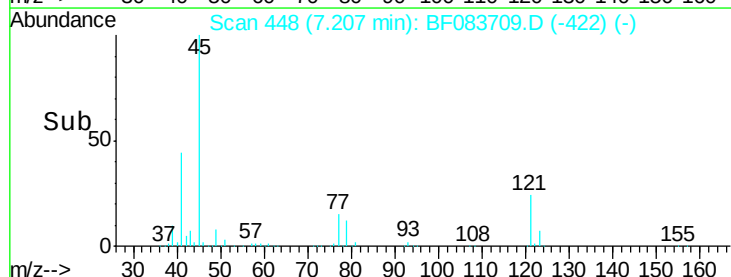
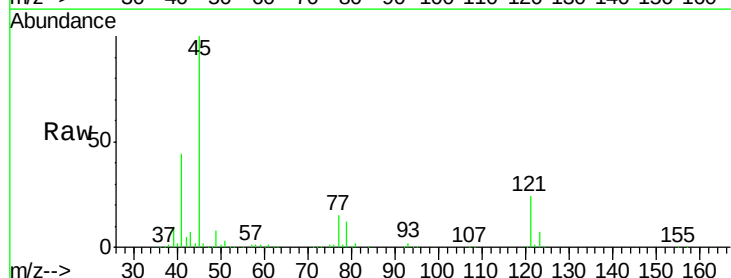
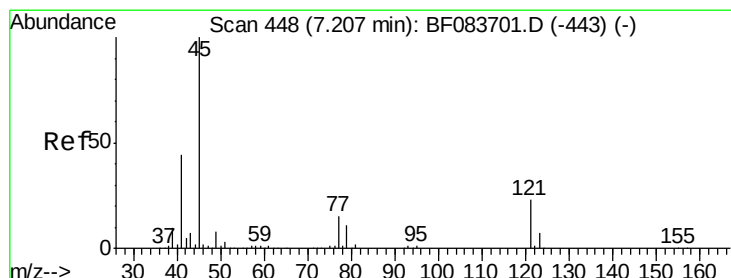
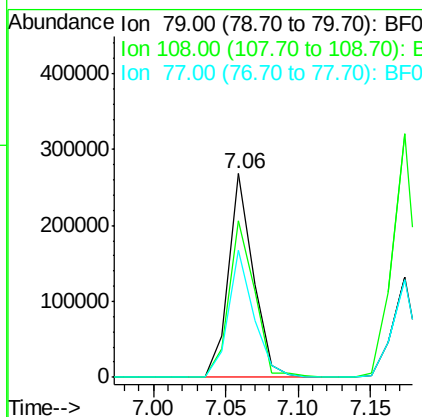
BNA_F

ClientSampleId :

PB87192BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.92 ng

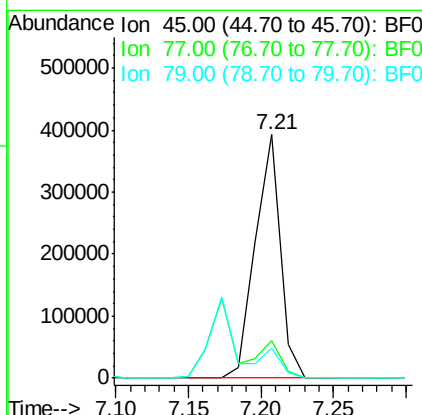
RT: 7.21 min Scan# 448

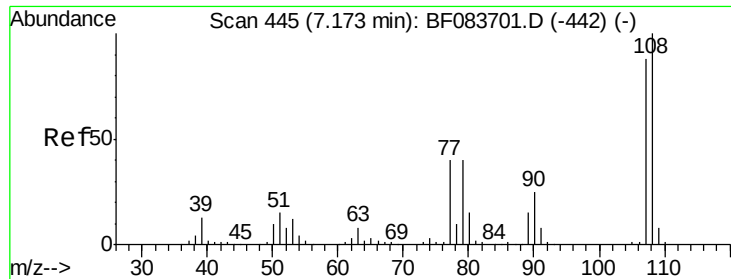
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	45	Resp:	470844
Ion Ratio	Lower	Upper	
45	100		
77	15.3	12.8	52.8
79	12.2	10.7	50.7





#17

2-Methylphenol

Concen: 38.43 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampled :

PB87192BS

Tot Ion:107 Resp: 315234
Ion Ratio Lower Upper

107 100

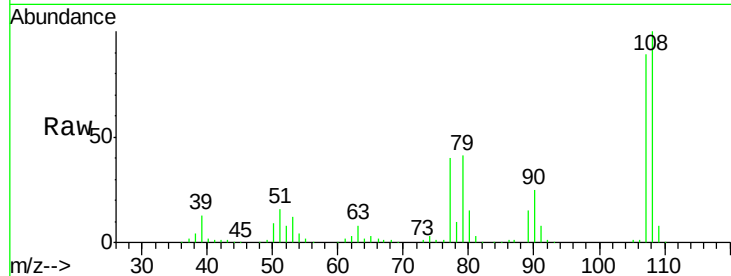
108 111.9 91.6 137.4

77 44.8 53.7 80.5#

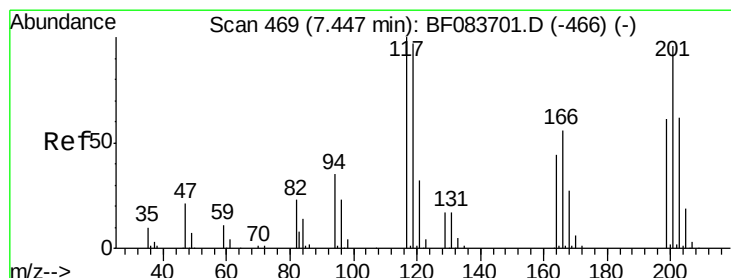
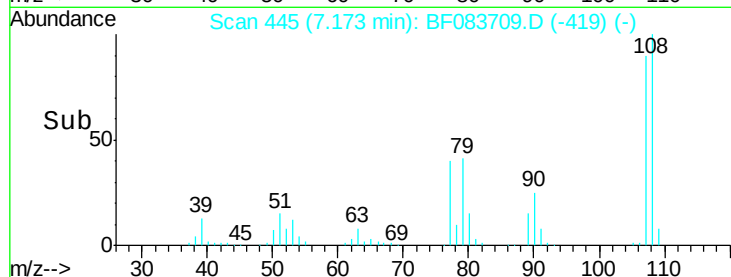
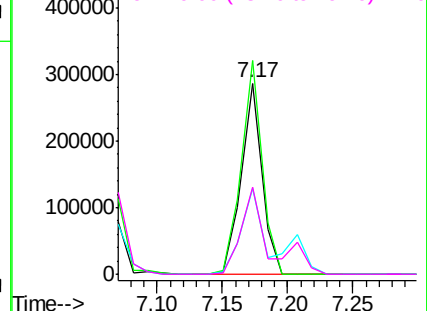
79 45.8 50.2 75.4#

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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: 39.37 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF083709.D

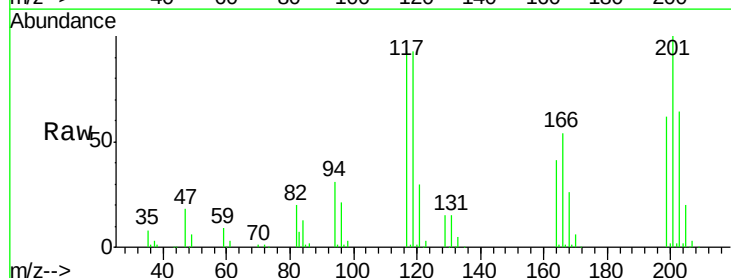
Acq: 11 Dec 2015 21:56

Tgt Ion:117 Resp: 150955
Ion Ratio Lower Upper

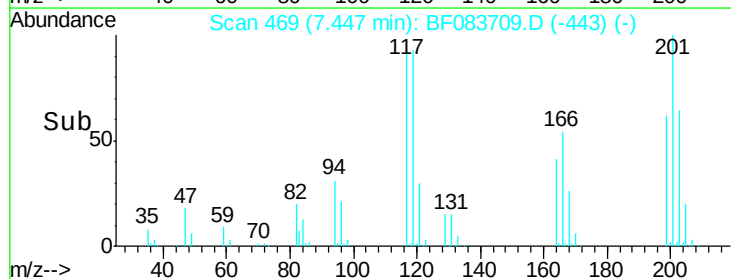
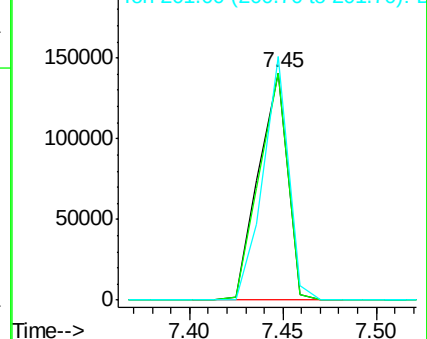
117 100

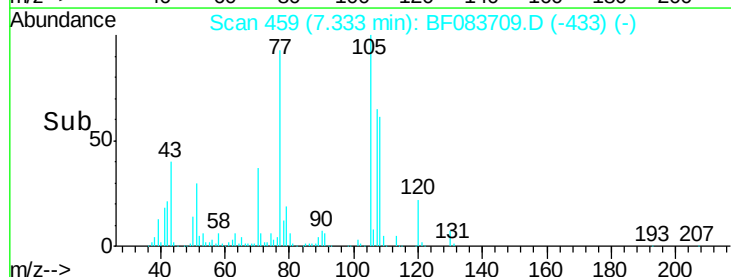
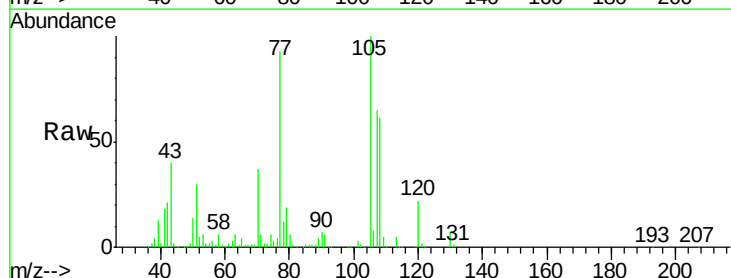
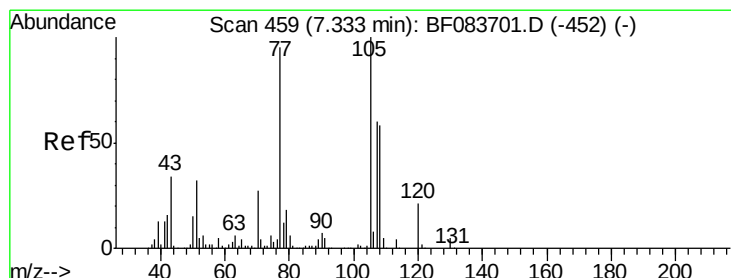
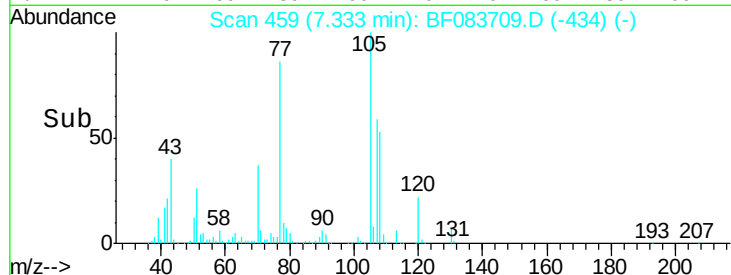
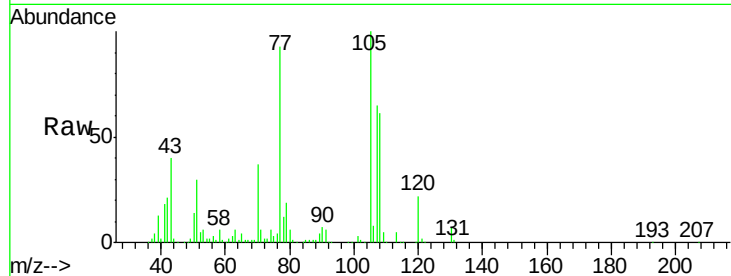
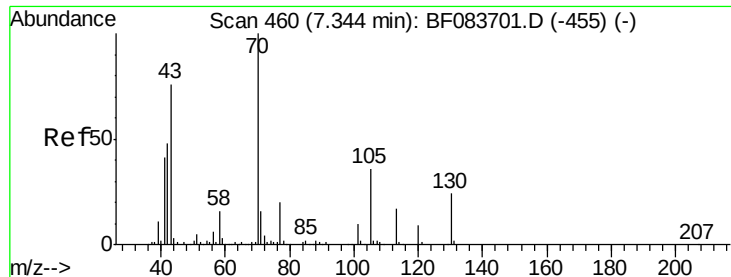
119 99.7 77.2 115.8

201 107.2 86.8 130.2



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: 38.27 ng

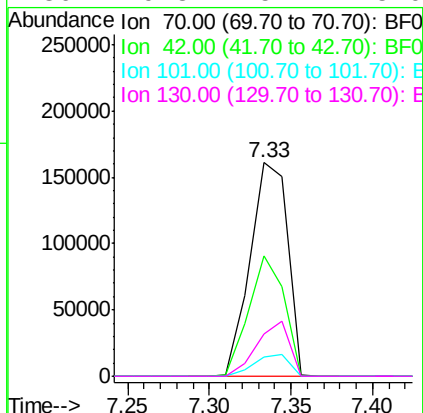
RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		256159		
42	56.5	49.2	73.8		
101	9.2	7.1	10.7		
130	19.8	15.4	23.0		



Instrument :

BNA_F

ClientSampleId :

PB87192BS

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#20

3+4-Methylphenols

Concen: 39.20 ng

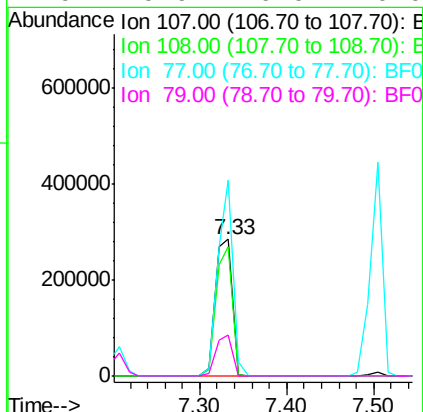
RT: 7.33 min Scan# 459

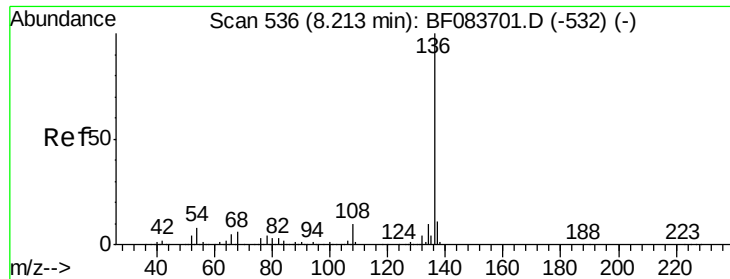
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		395872		
108	94.1	65.2	105.2		
77	143.0	15.2	55.2#		
79	29.9	6.0	46.0		





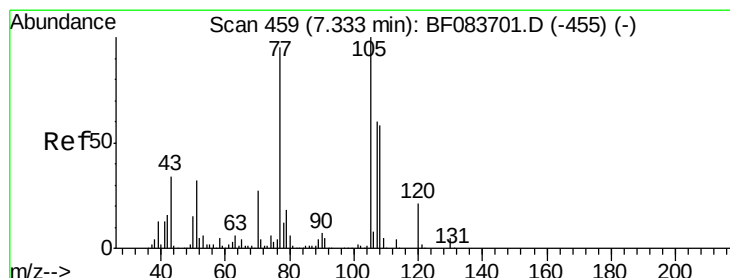
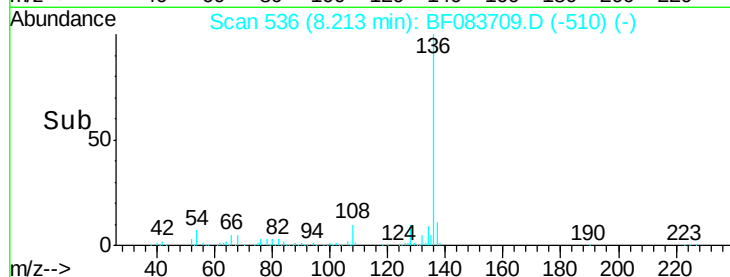
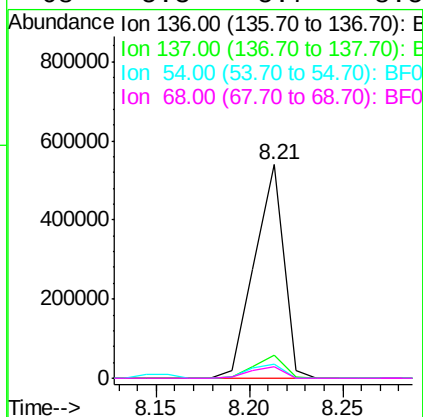
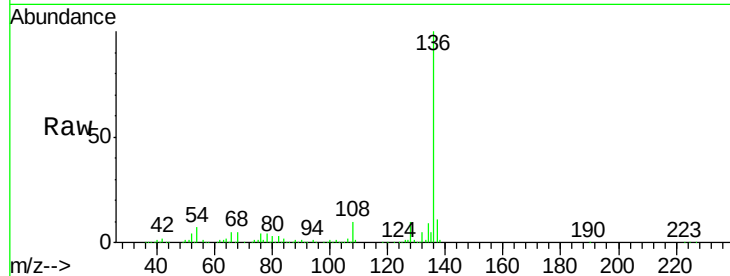
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.21 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	7.8	11.6#
68	5.3	5.7	8.5#

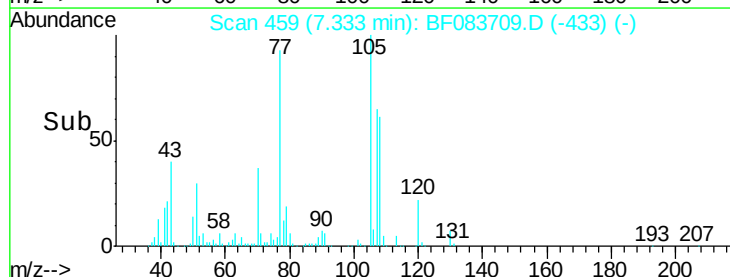
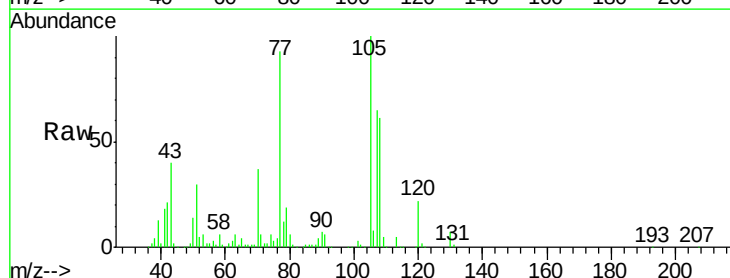
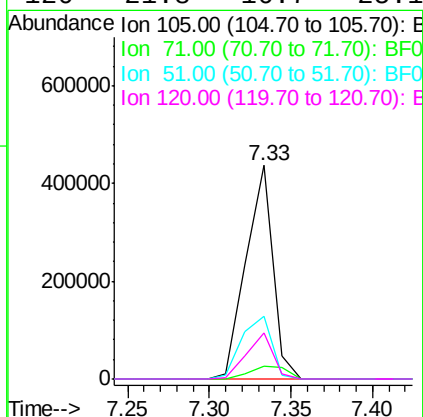
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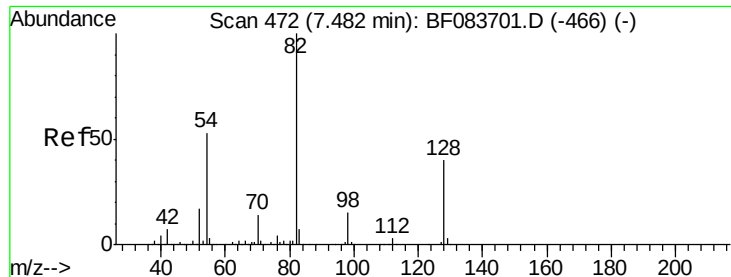
MMdadoda
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#22
Acetophenone
Concen: 35.74 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp Lower	Upper
105	100		
71	6.1	1.3	1.9#
51	29.5	23.8	35.8
120	21.8	16.7	25.1





#23

Nitrobenzene-d5

Concen: 84.96 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

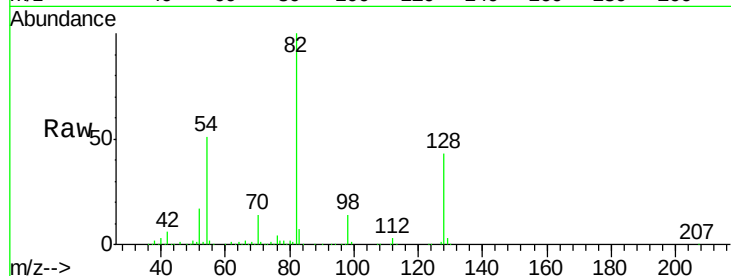
ClientSampleId :

PB87192BS

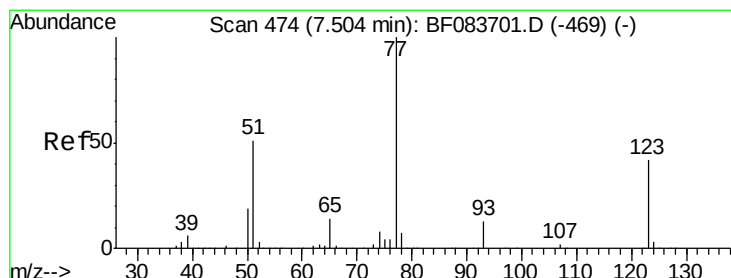
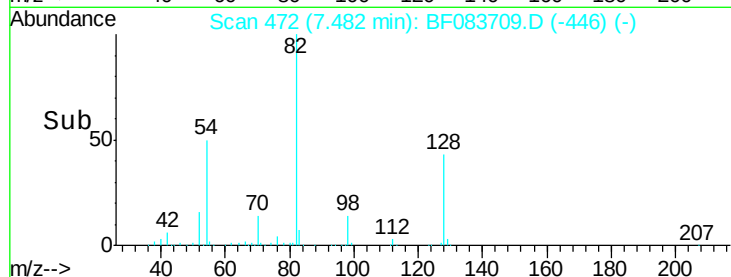
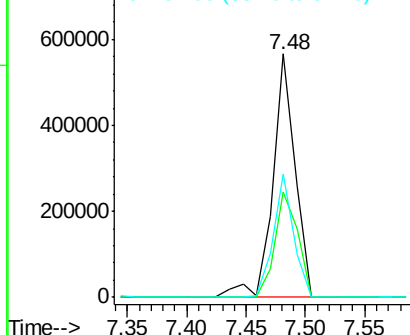
Tot Ion	82	Resp	732801
Ion Ratio	Lower	Upper	
82	100		
128	43.2	30.7	46.1
54	50.7	42.5	63.7

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



#24

Nitrobenzene

Concen: 43.33 ng

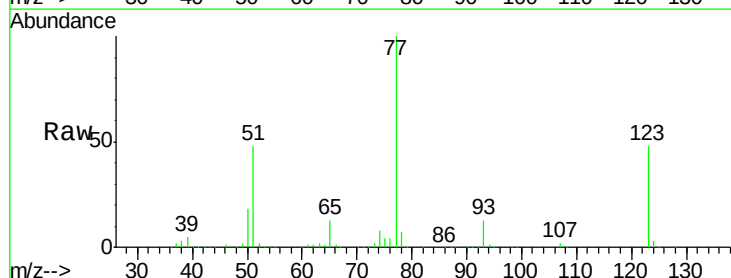
RT: 7.50 min Scan# 474

Delta R.T. 0.00 min

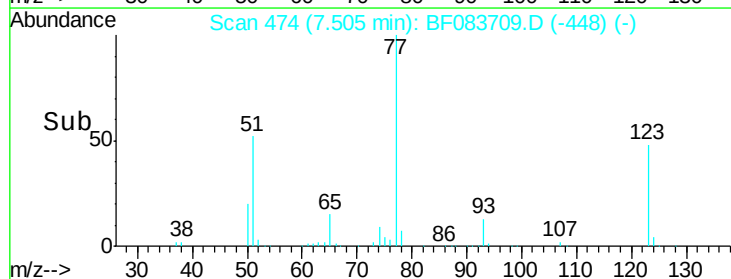
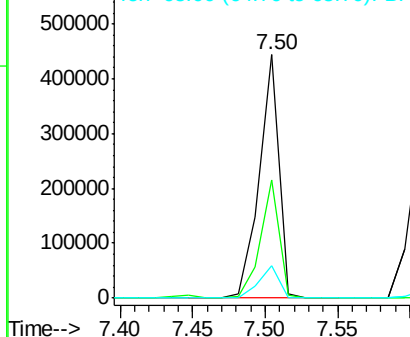
Lab File: BF083709.D

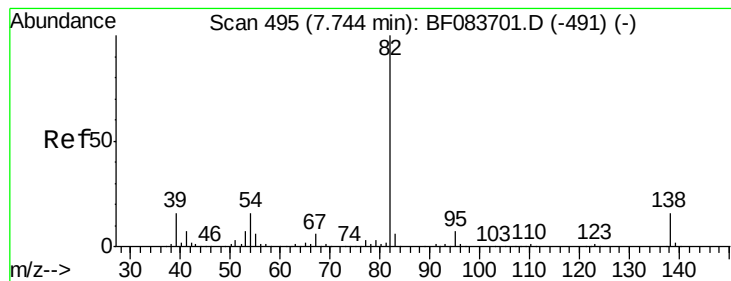
Acq: 11 Dec 2015 21:56

Tgt Ion	77	Resp	418139
Ion Ratio	Lower	Upper	
77	100		
123	48.3	29.8	44.6#
65	13.4	11.1	16.7



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 37.10 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

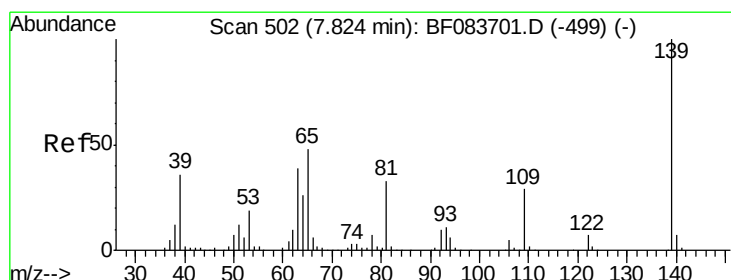
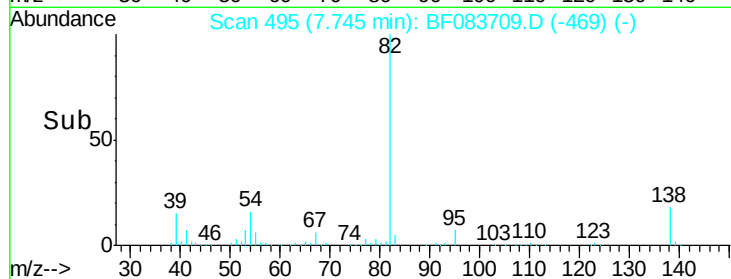
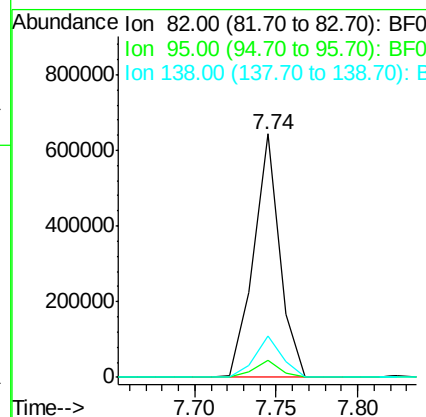
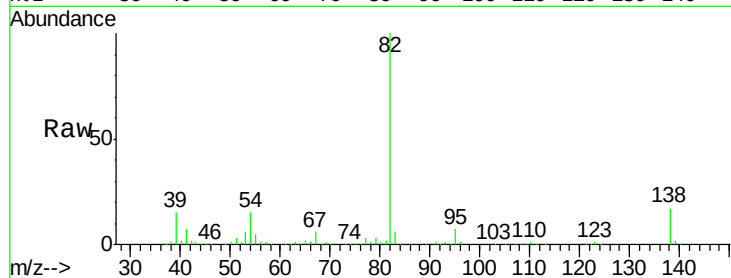
ClientSampleId :

PB87192BS

Tot Ion:	82	Resp:	715287
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.0	7.4
138	17.2	12.1	18.1

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.88 ng

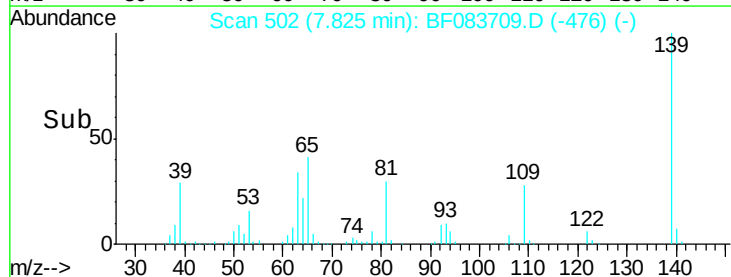
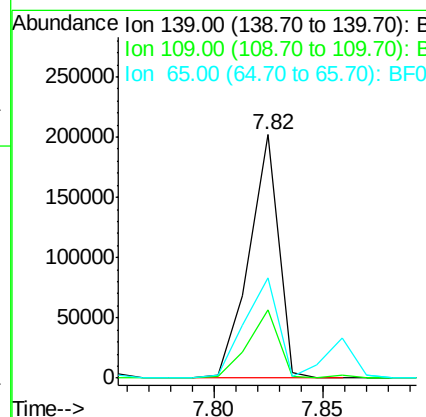
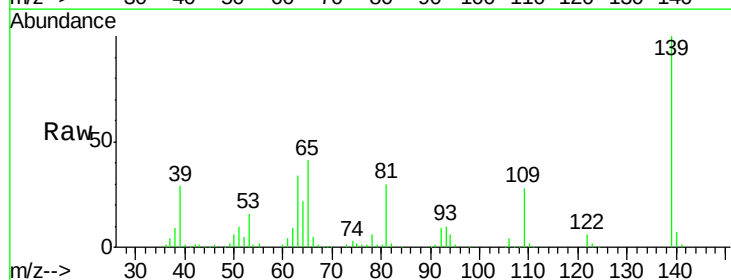
RT: 7.82 min Scan# 502

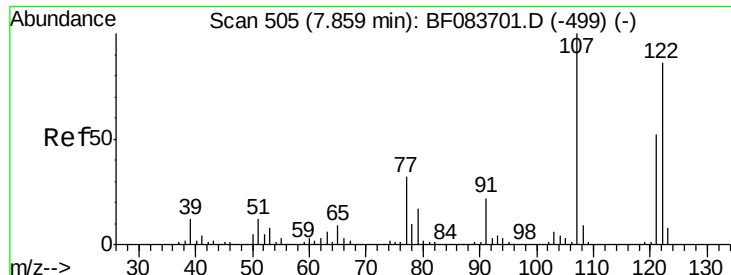
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	139	Resp:	190276
Ion Ratio	Lower	Upper	
139	100		
109	27.9	22.7	34.1
65	41.4	51.8	77.8#





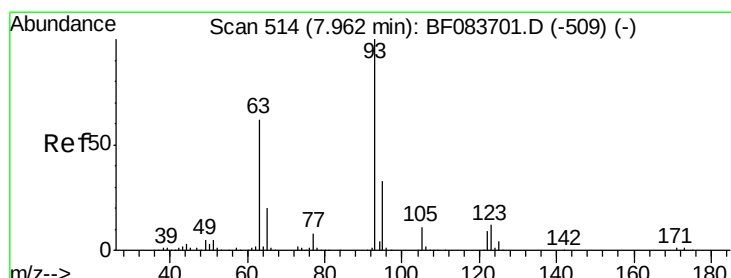
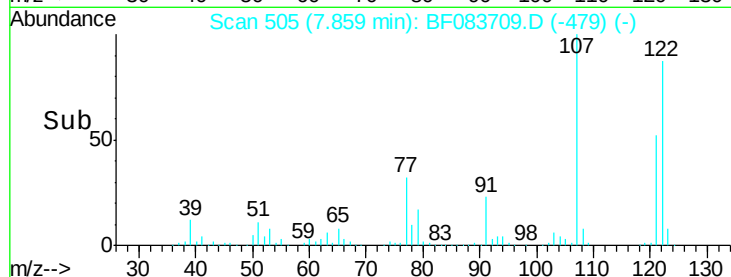
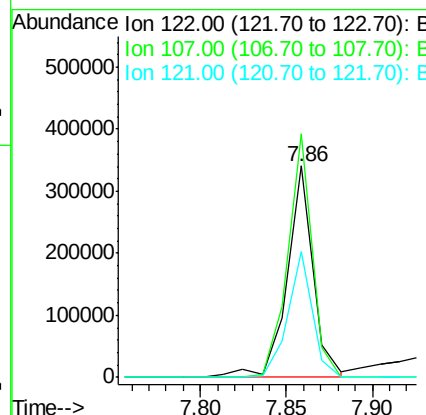
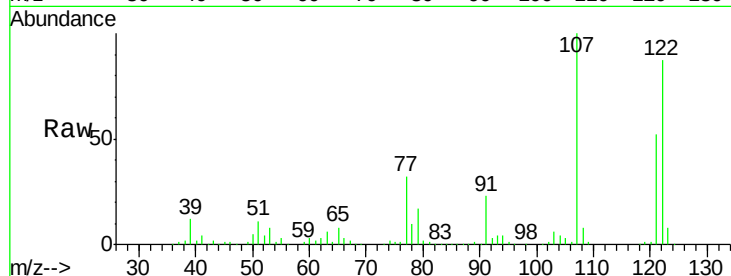
#27
 2,4-Dimethylphenol
 Concen: 36.69 ng/mL
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleID :
 PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	354643		
107	115.2	92.4	138.6	
121	59.7	45.8	68.6	

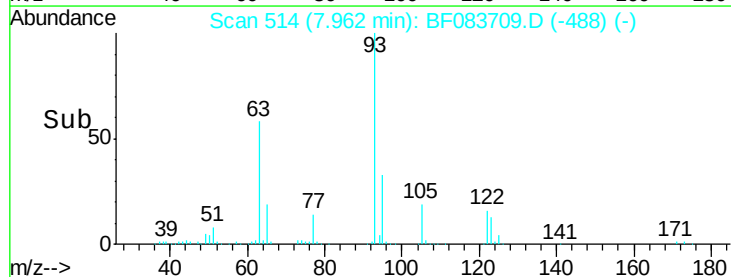
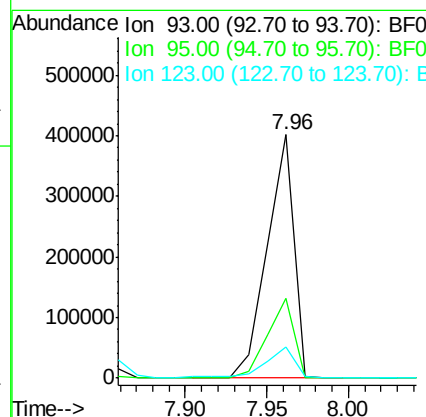
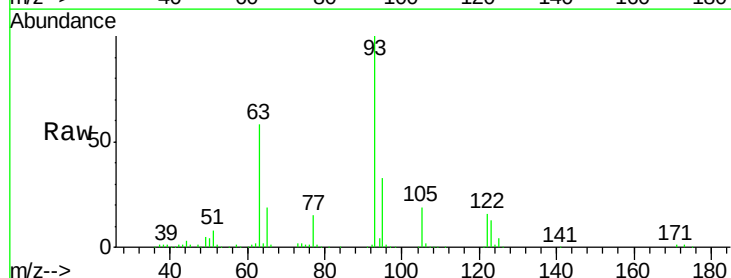
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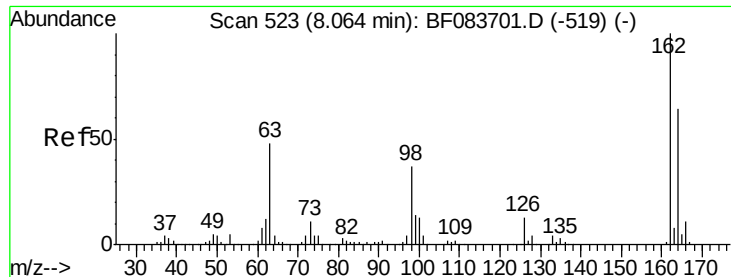
MMdadoda
 12/14/2015 6:22:35 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.54 ng/mL
 RT: 7.96 min Scan# 514
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	457914		
95	32.8	25.6	38.4	
123	13.0	7.3	10.9	





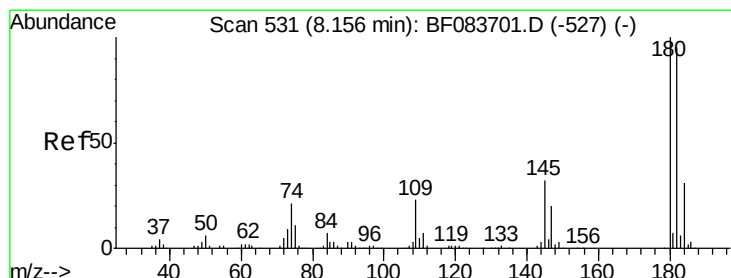
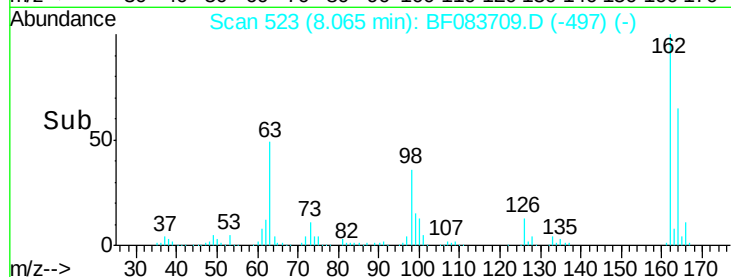
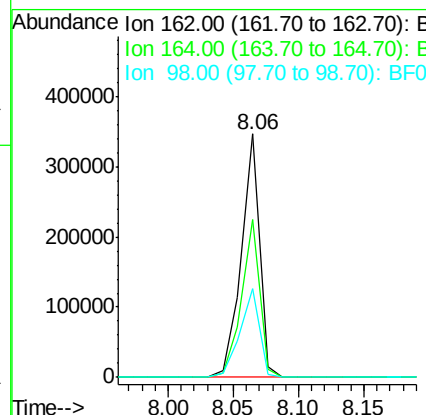
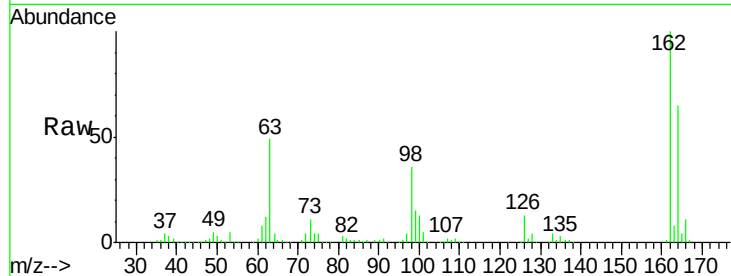
#29
 2,4-Dichlorophenol
 Concen: 41.86 ng
 RT: 8.06 min Scan# 523
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	65.0	43.4	83.4
98	36.4	17.5	57.5

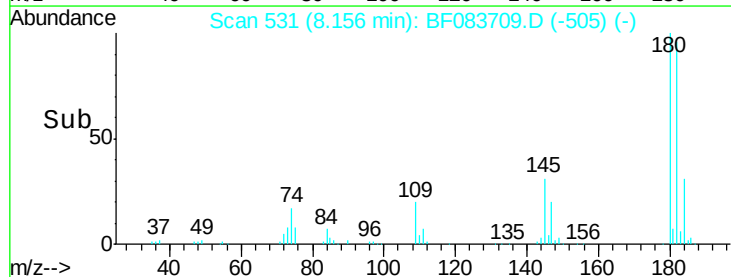
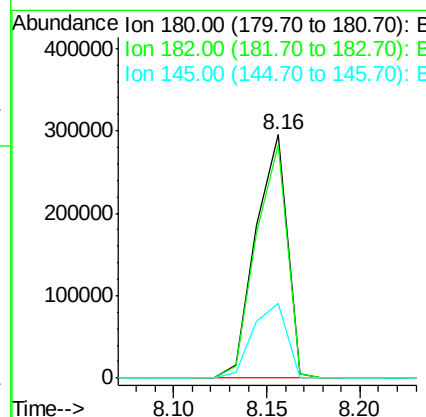
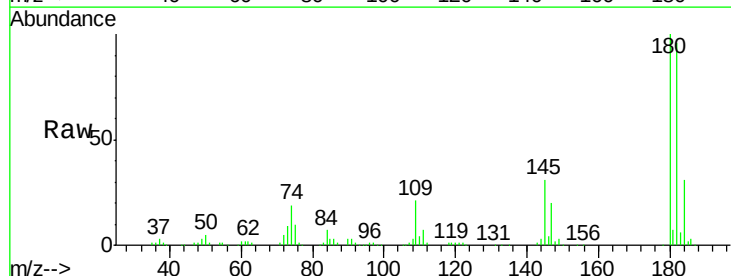
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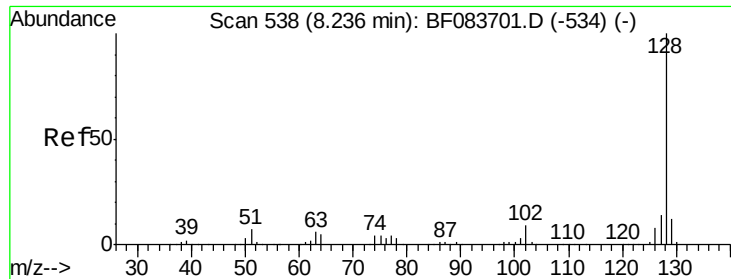
MMdadoda
 12/14/2015 6:22:35 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.88 ng
 RT: 8.16 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.8	74.9	112.3
145	30.8	24.7	37.1





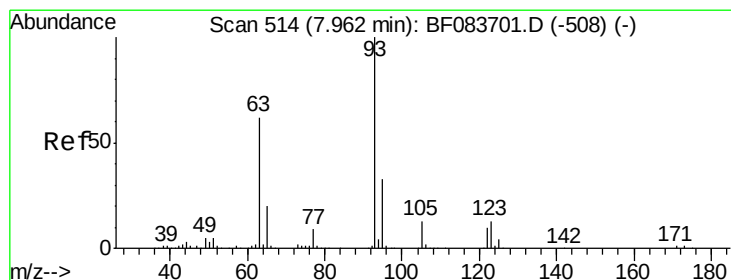
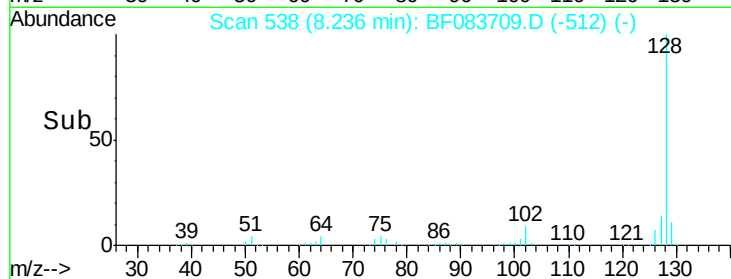
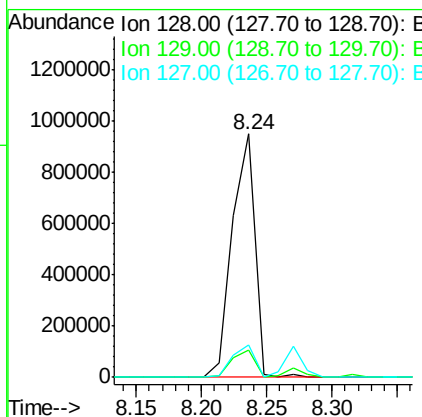
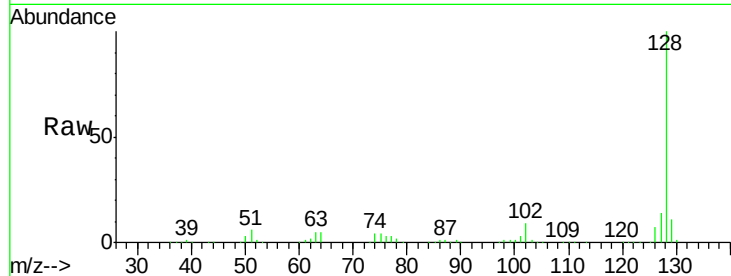
#31
Naphthalene
Concen: 39.42 ng
RT: 8.24 min Scan# 538
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	13.0
127	13.6	10.6	16.0

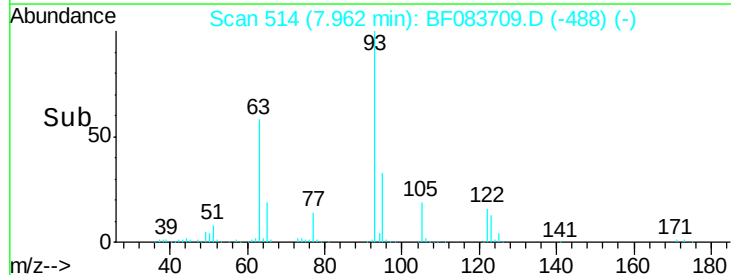
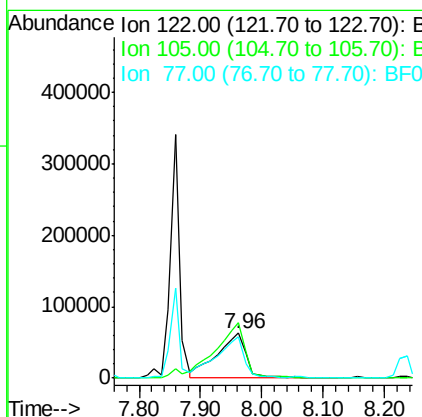
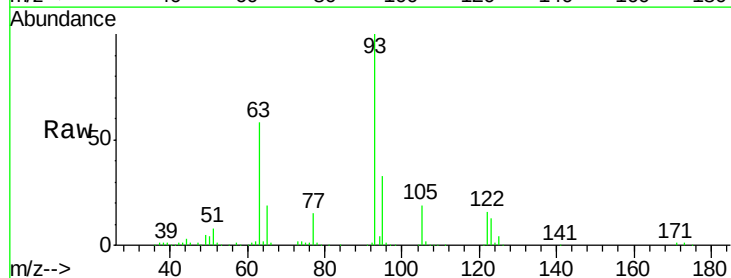
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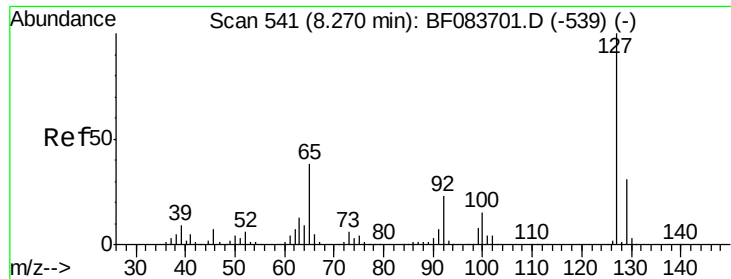
MMdadoda
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#32
Benzoic acid
Concen: 40.91 ng m
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	123.2	105.6	145.6
77	93.3	86.8	126.8





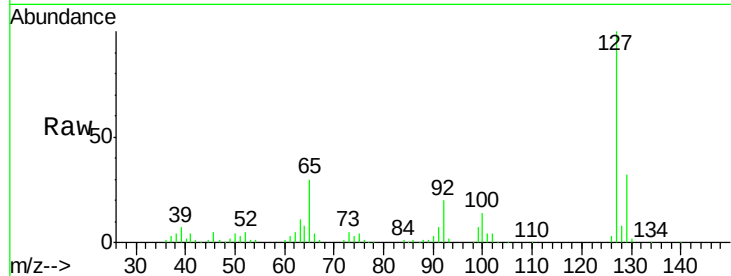
#33
4-Chloroaniline
Concen: 10.14 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

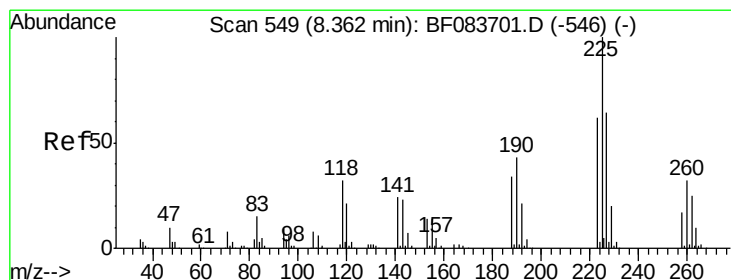
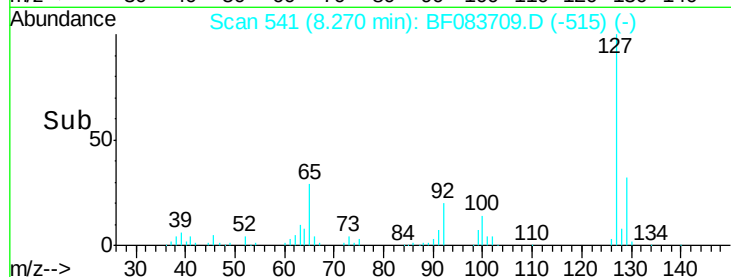
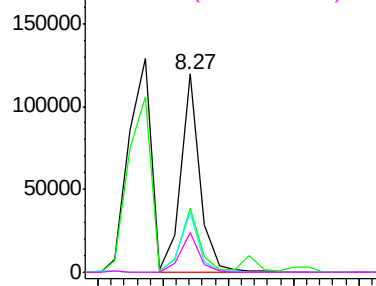
Tot Ion	Ratio	Resp	Lower	Upper
127	100	121783		
129	32.0	26.1	39.1	
65	30.2	33.5	50.3	
92	20.3	18.6	28.0	

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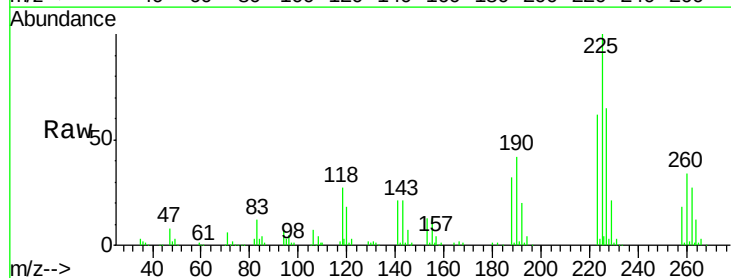


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

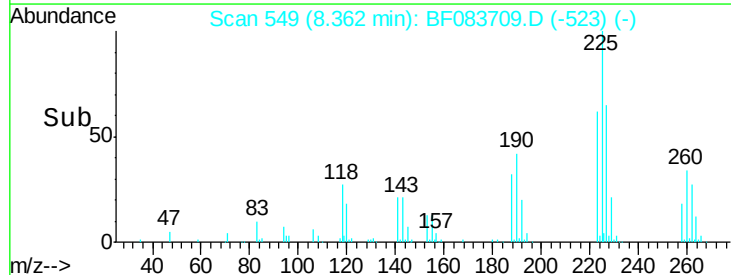
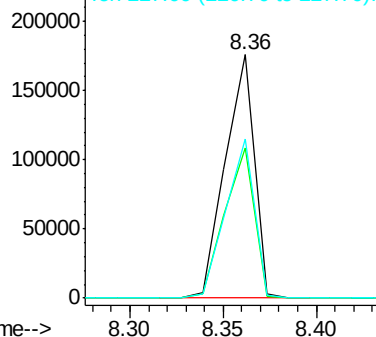


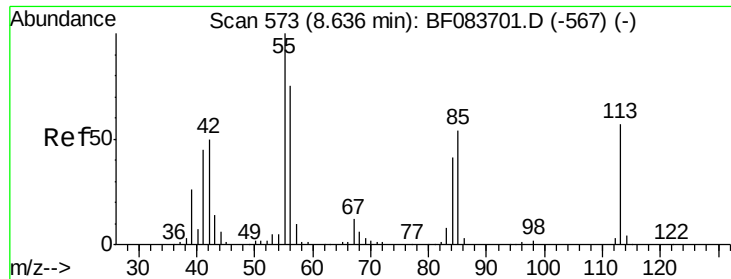
#34
Hexachlorobutadiene
Concen: 38.50 ng
RT: 8.36 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	189593		
223	61.7	52.3	78.5	
227	65.2	50.4	75.6	



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





#35

Caprolactam

Concen: 41.64 ng/ml

RT: 8.64 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

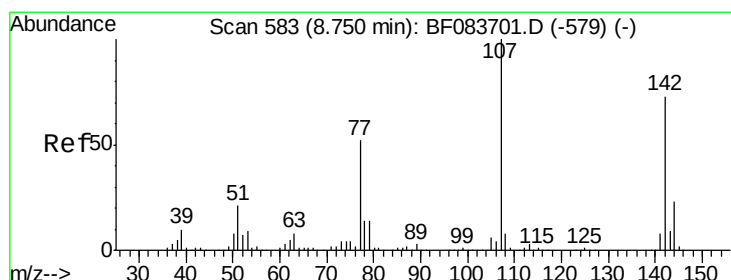
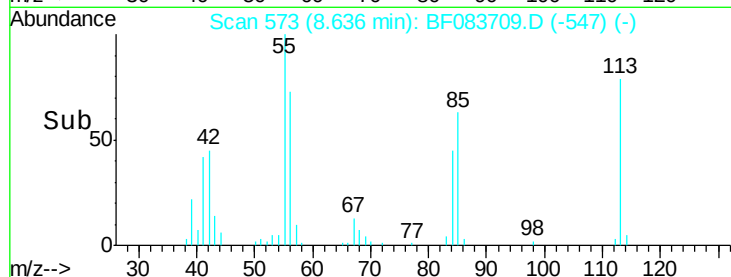
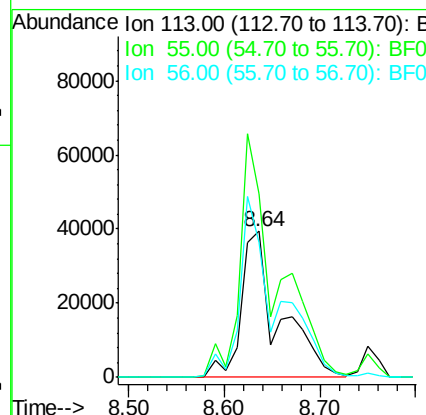
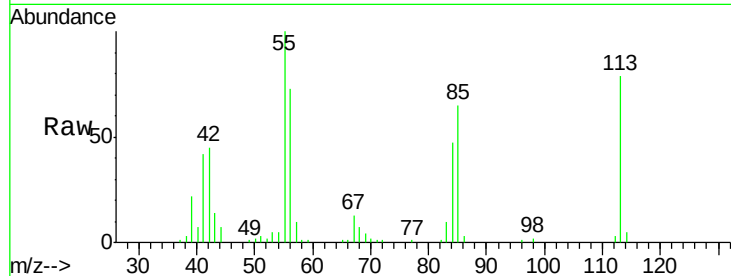
ClientSampleId :

PB87192BS

Tot Ion:	113	Resp:	106989
Ion Ratio	Lower	Upper	
113	100		
55	126.3	189.7	229.7#
56	92.3	130.7	170.7#

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#36

4-Chloro-3-methylphenol

Concen: 39.38 ng/ml

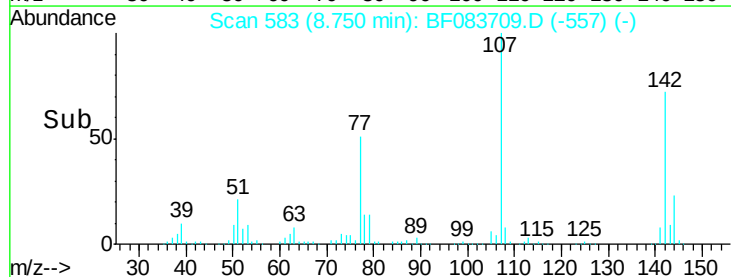
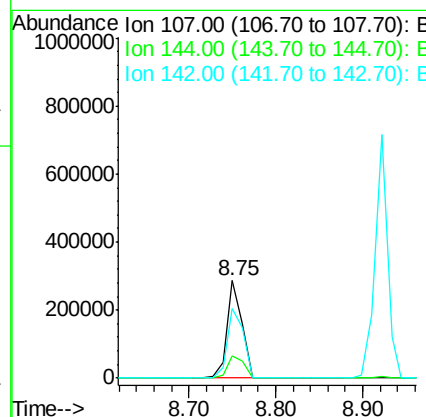
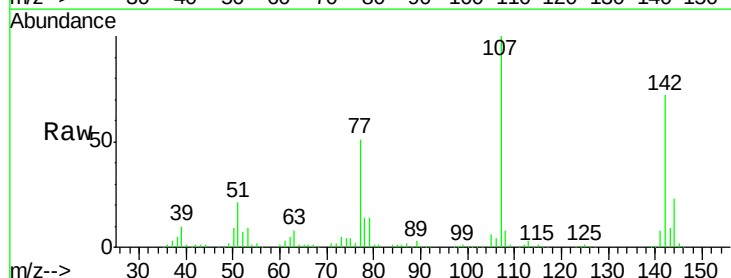
RT: 8.75 min Scan# 583

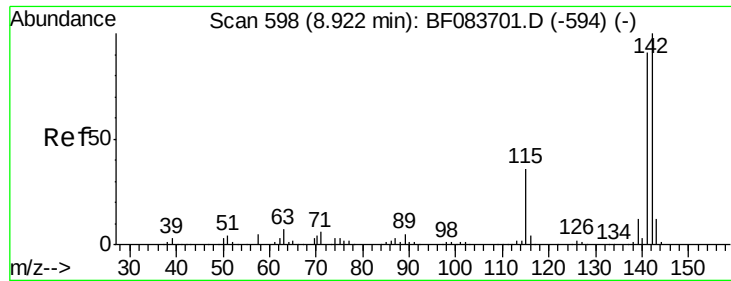
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	107	Resp:	344571
Ion Ratio	Lower	Upper	
107	100		
144	23.1	17.5	26.3
142	72.2	53.6	80.4





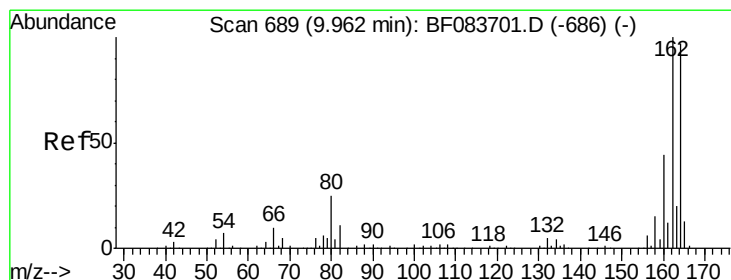
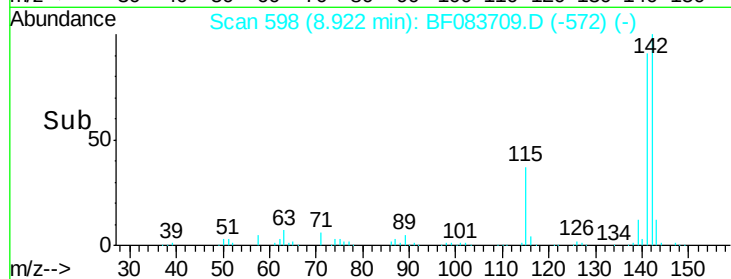
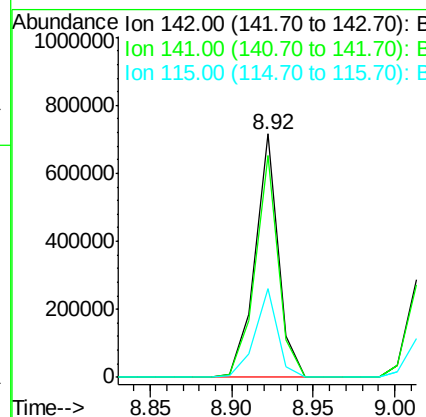
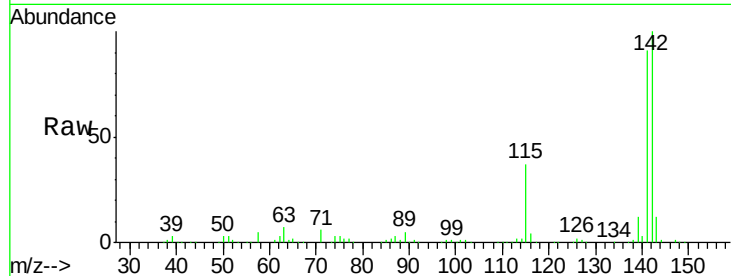
#37
2-Methylnaphthalene
Concen: 39.00 ng
RT: 8.92 min Scan# 598
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.0	70.3	105.5
115	36.6	29.2	43.8

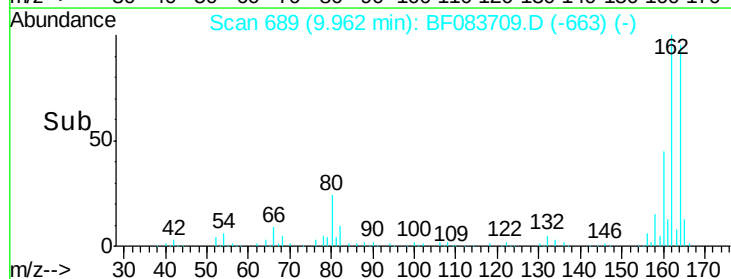
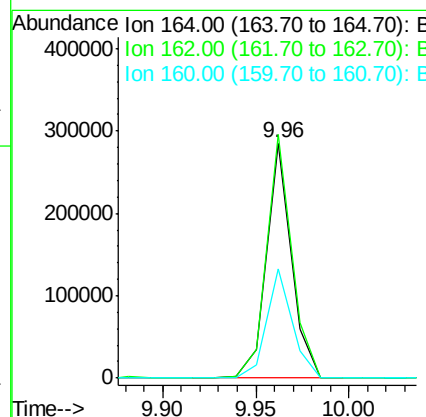
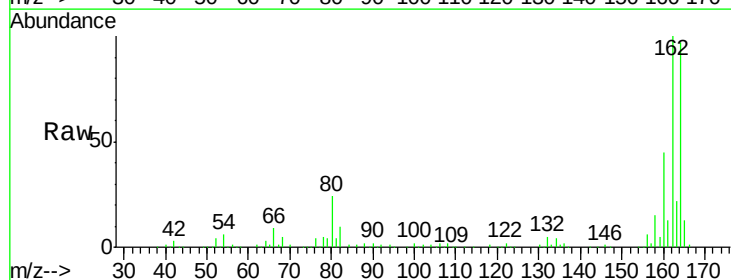
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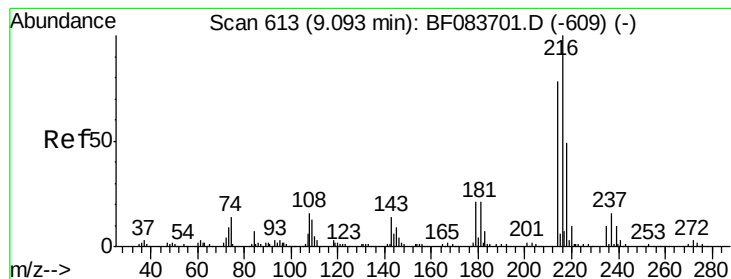
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	78.8	118.2
160	46.3	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.35 ng

RT: 9.09 min Scan# 613

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

ClientSampleId :

PB87192BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		

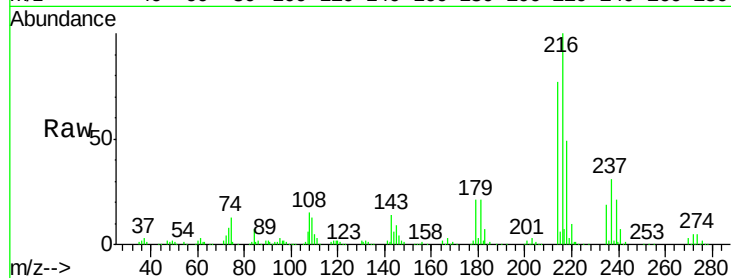
214	77.7	0.0	0.0#
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179	22.1	0.0	0.0#
-----	------	-----	------

108	21.2	0.0	0.0#
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MMdadoda
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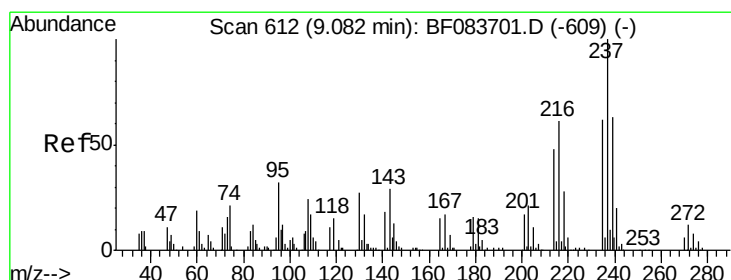
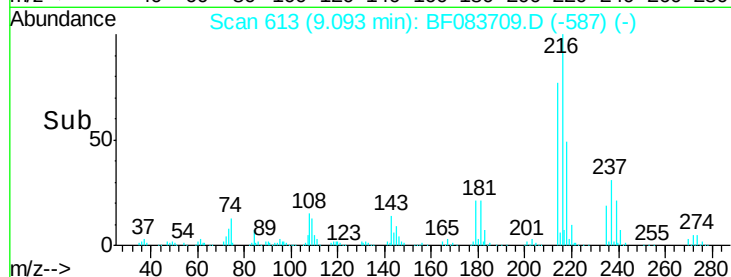
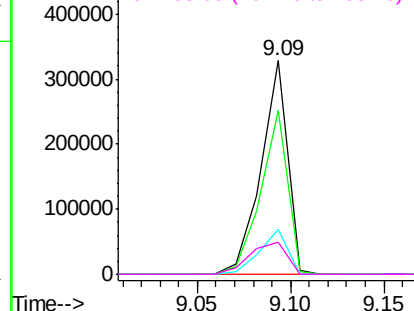
Abundance

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: 87.28 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

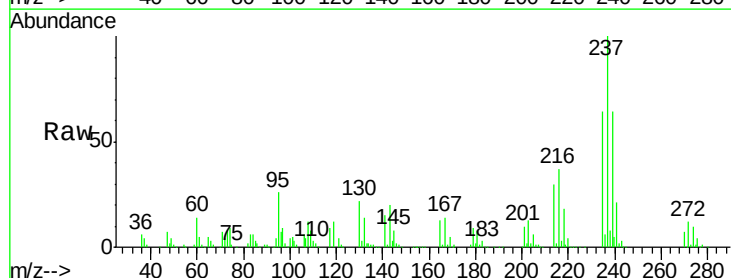
Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp Lower	Upper
237	100		

235	64.1	43.9	83.9
-----	------	------	------

272	12.3	0.0	31.8
-----	------	-----	------

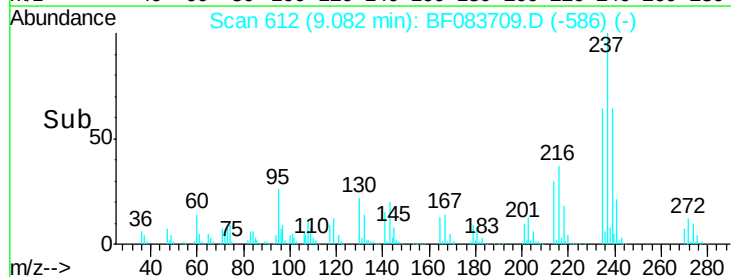
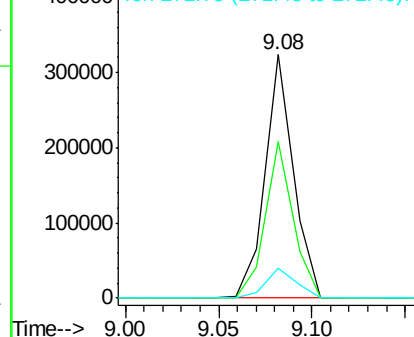


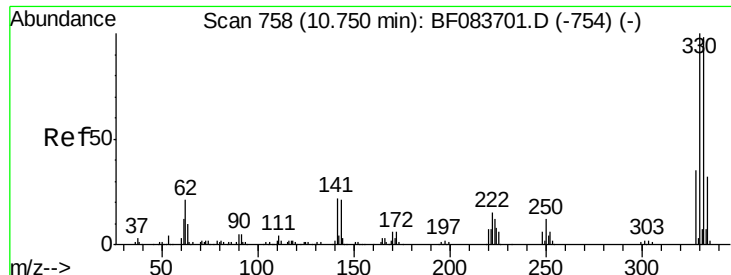
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





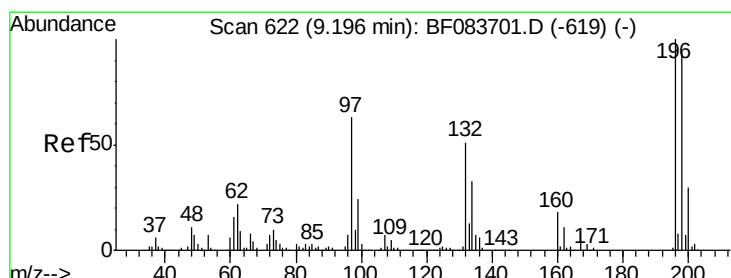
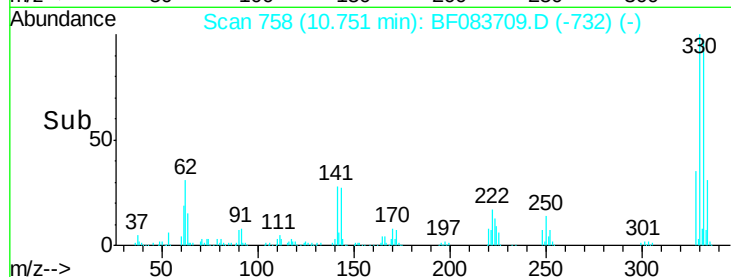
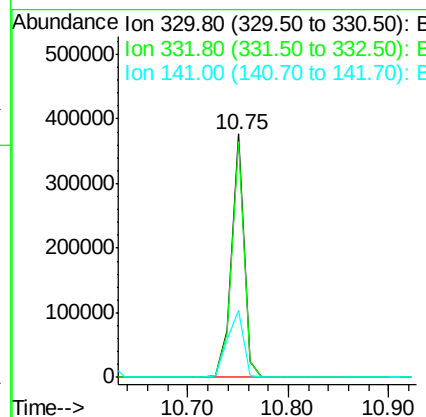
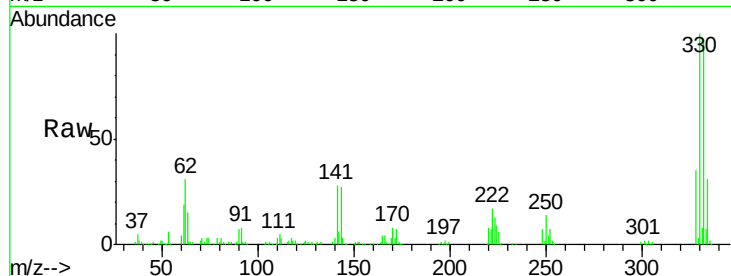
#41
 2,4,6-Tribromophenol
 Concen: 129.50 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleID :
 PB87192BS

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	35.2	0.0	0.0#

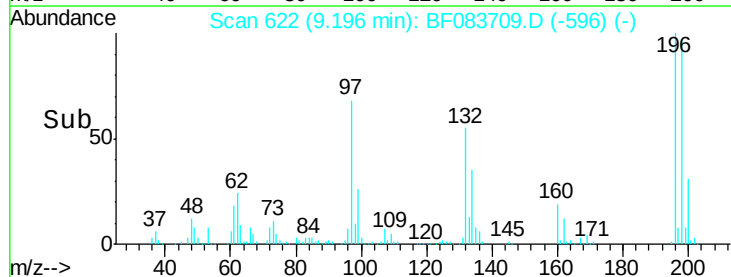
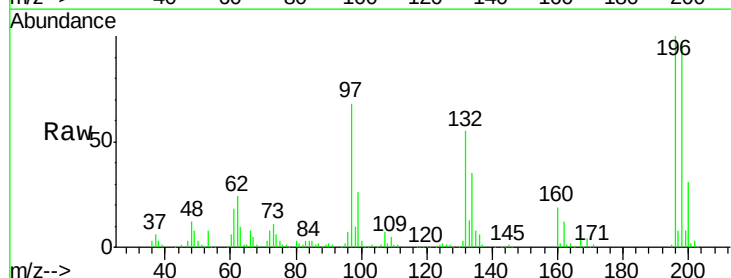
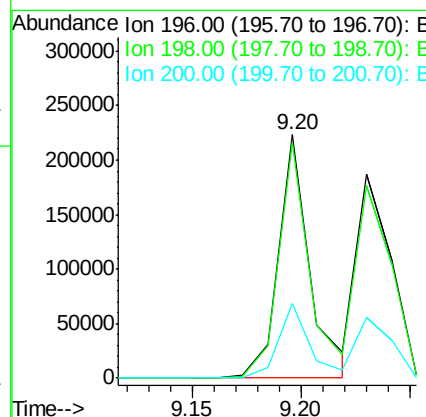
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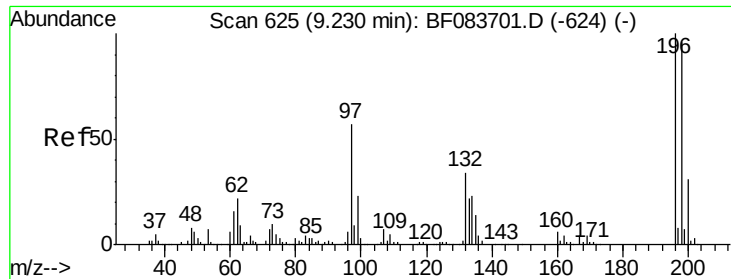
MMdadoda
 12/14/2015 6:22:35 PM



#42
 2,4,6-Trichlorophenol
 Concen: 40.13 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.6	75.2	112.8
200	30.9	23.0	34.6





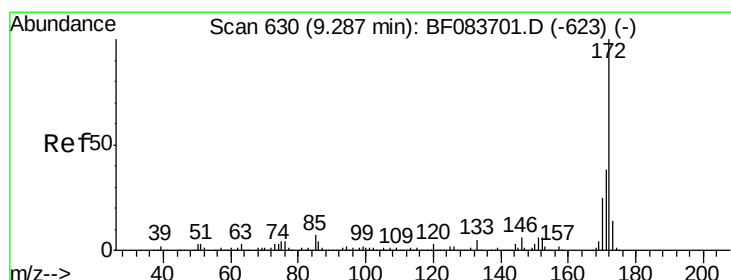
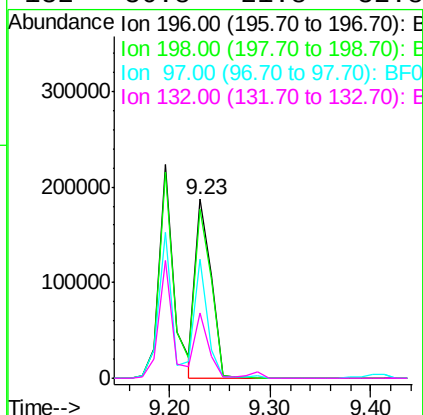
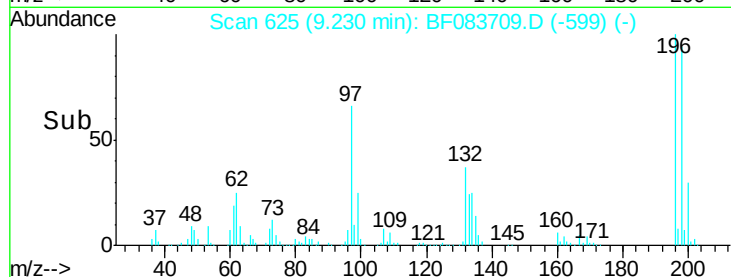
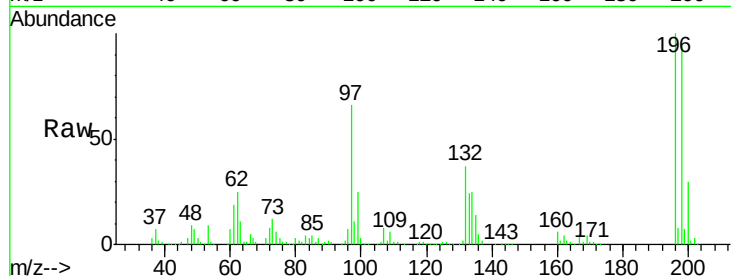
#43
 2,4,5-Trichlorophenol
 Concen: 38.19 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		206748		
198	94.1	77.7	116.5		
97	66.5	41.2	61.8#		
132	36.8	21.8	32.8#		

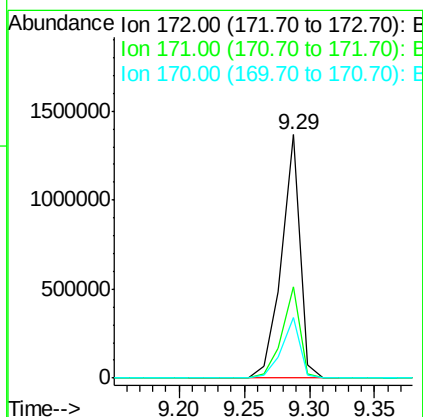
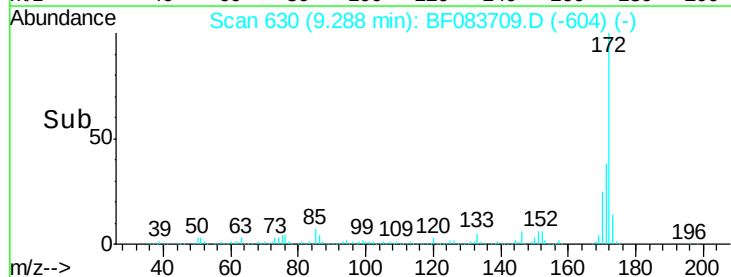
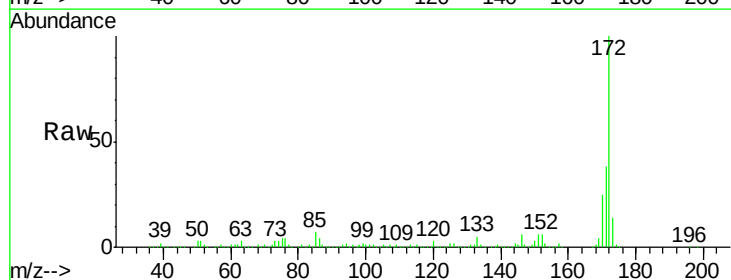
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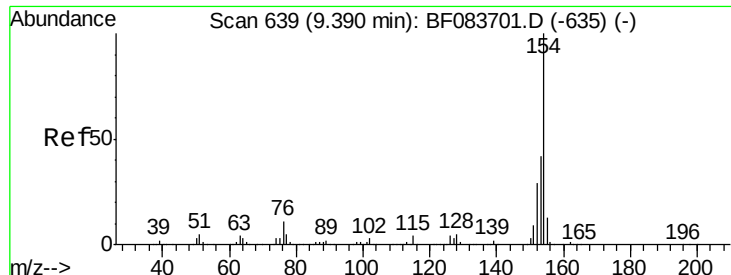
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 76.48 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1362807		
171	37.7	28.6	42.8		
170	25.0	19.4	29.0		





#45

1,1'-Biphenyl

Concen: 38.76 ng

RT: 9.39 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

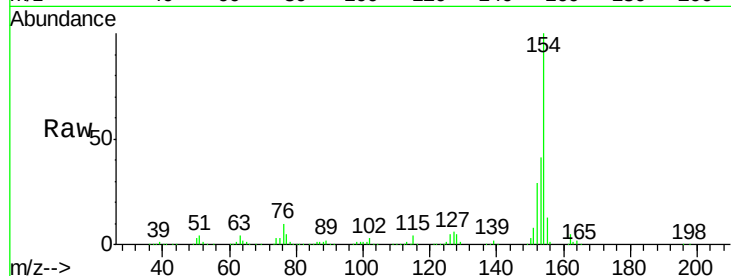
ClientSampleId :

PB87192BS

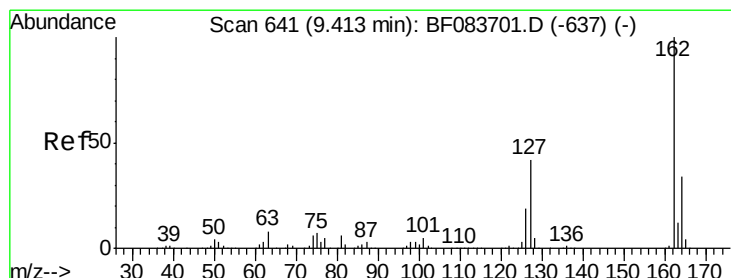
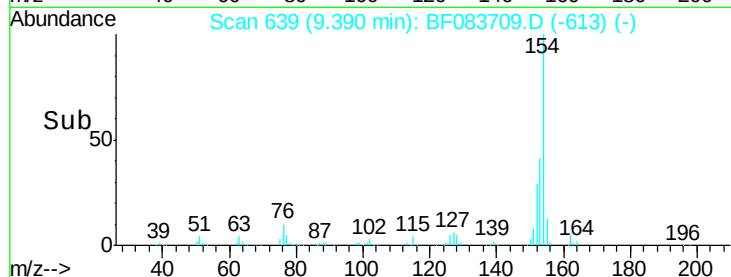
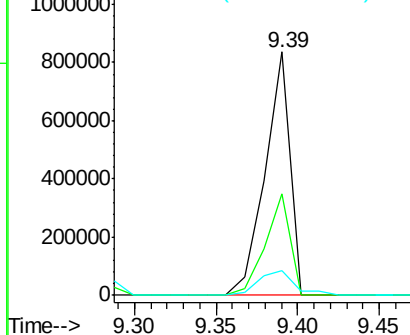
Tot Ion:	154	Resp:	887288
Ion Ratio	Lower	Upper	
154	100		
153	41.5	20.2	60.2
76	10.1	0.0	34.8

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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: 39.64 ng

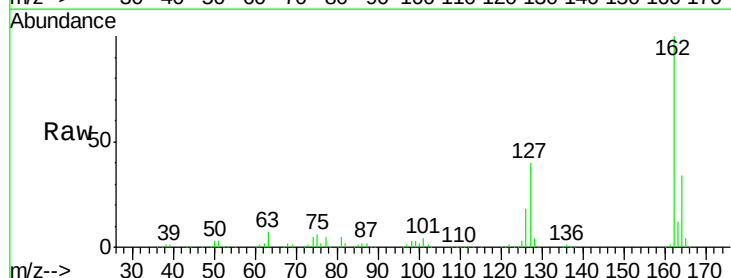
RT: 9.41 min Scan# 641

Delta R.T. 0.00 min

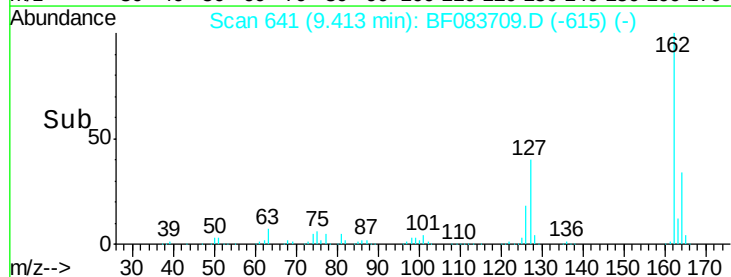
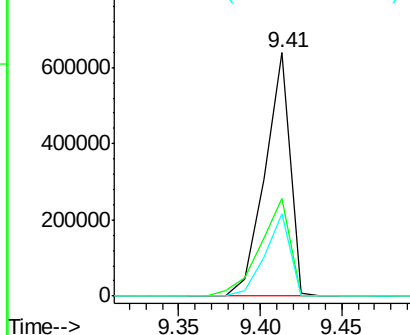
Lab File: BF083709.D

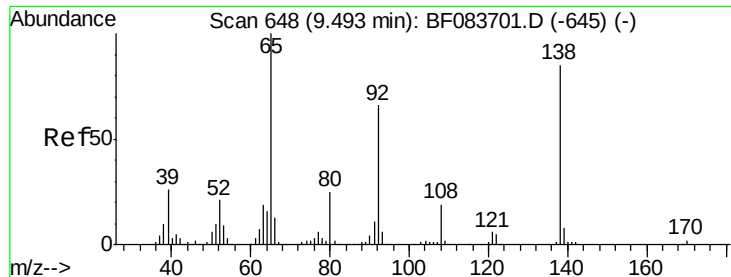
Acq: 11 Dec 2015 21:56

Tgt Ion:	162	Resp:	684036
Ion Ratio	Lower	Upper	
162	100		
127	39.9	31.0	46.4
164	33.7	27.4	41.0



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





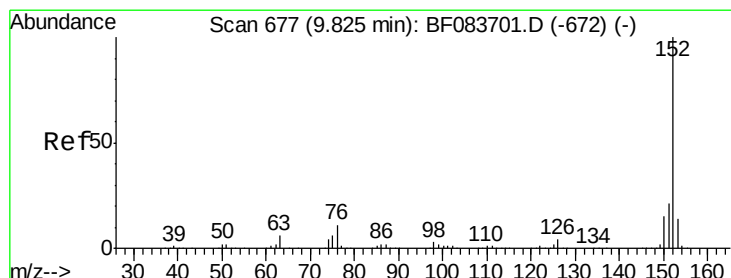
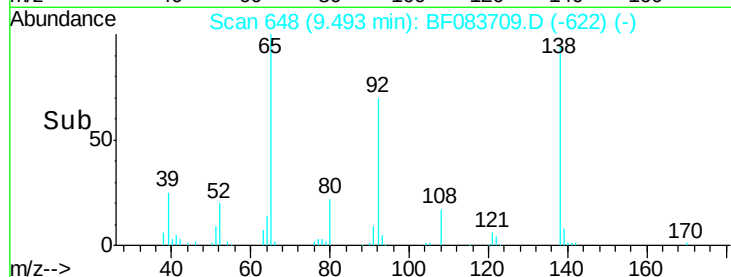
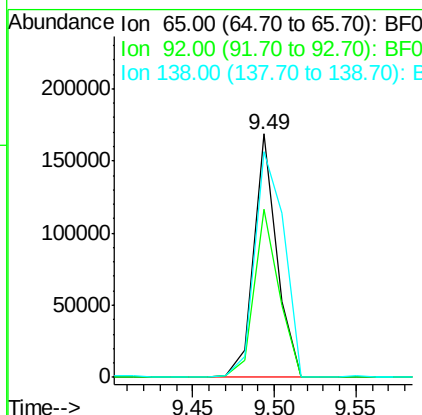
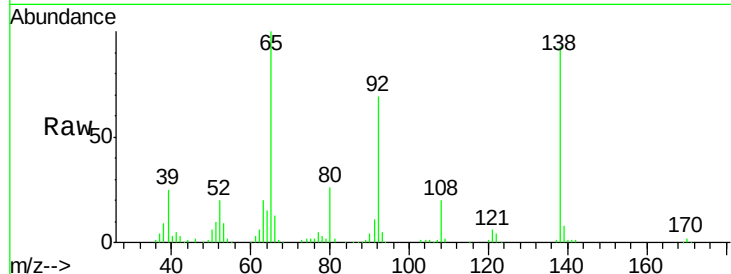
#47
2-Nitroaniline
Concen: 39.13 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	49.6	74.4
138	92.6	64.1	96.1

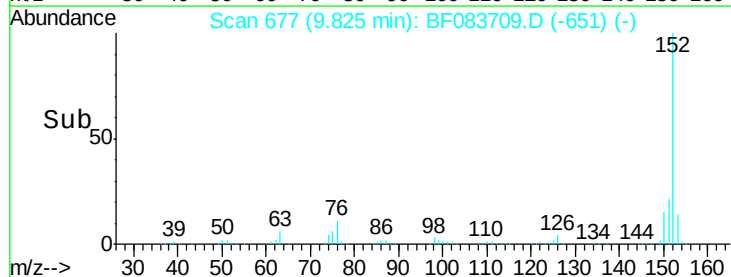
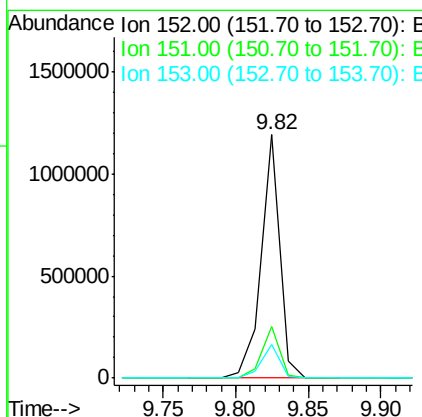
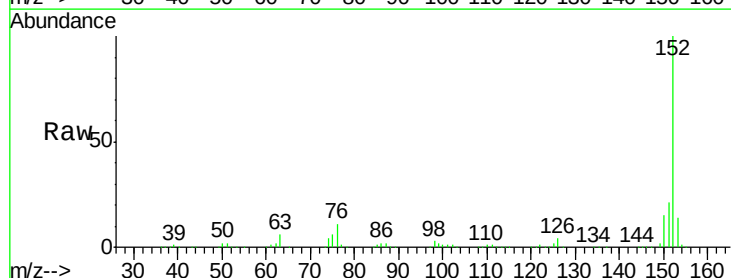
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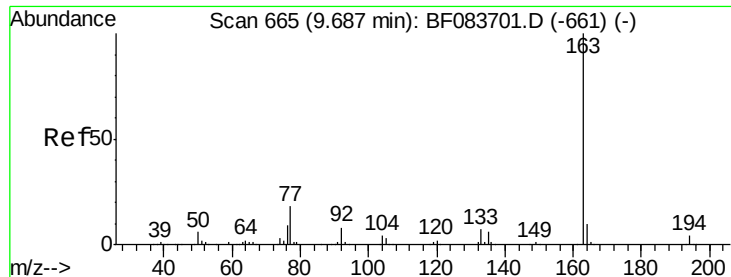
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#48
Acenaphthylene
Concen: 37.23 ng
RT: 9.82 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.3	24.5
153	13.9	10.8	16.2





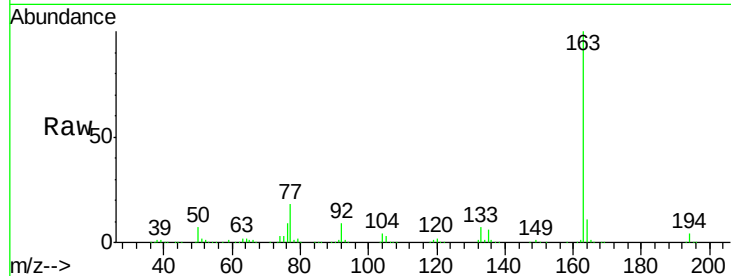
#49
Dimethylphthalate
Concen: 40.09 ng
RT: 9.69 min Scan# 665
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

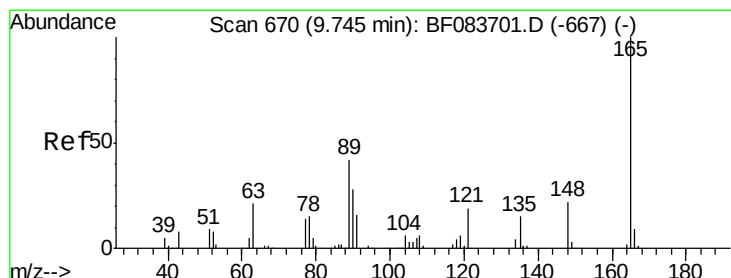
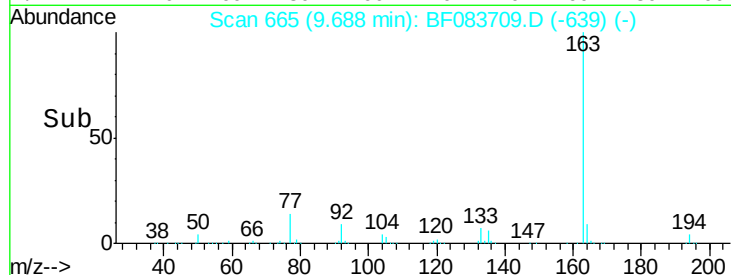
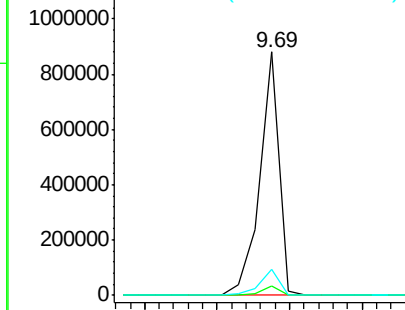
Tot Ion	Ratio	Resp	Lower	Upper
163	100	809539		
194	3.7		2.8	4.2
164	10.5		8.6	13.0

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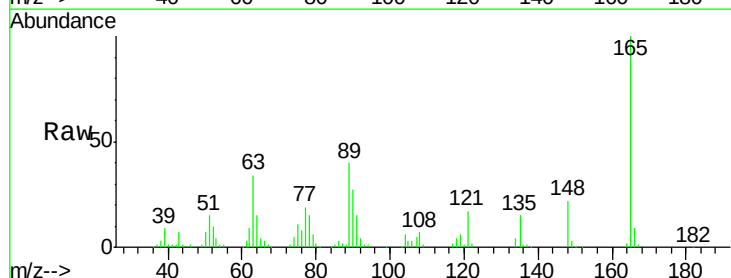


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

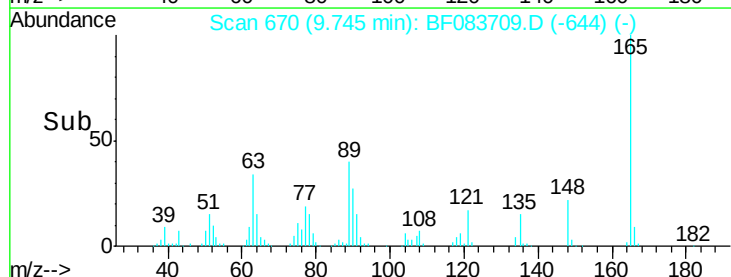
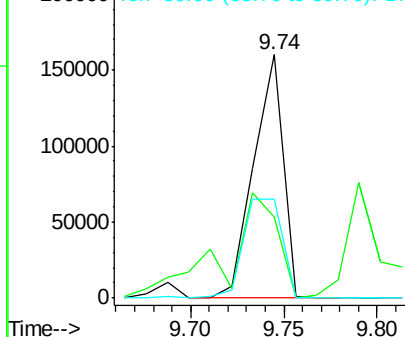


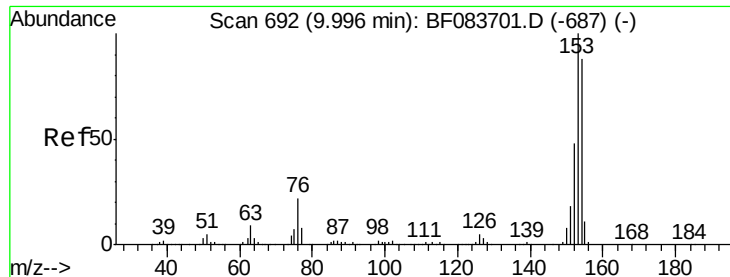
#50
2,6-Dinitrotoluene
Concen: 44.47 ng
RT: 9.74 min Scan# 670
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	174383		
63	33.5		56.9	85.3#
89	40.5		52.1	78.1#



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





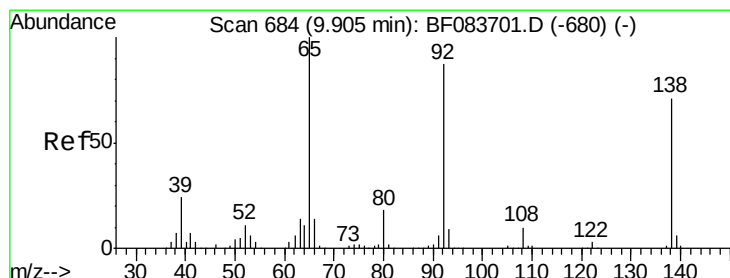
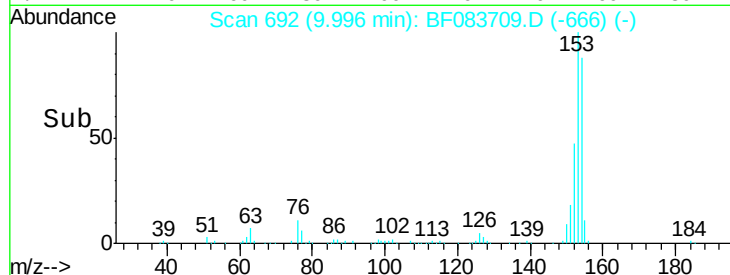
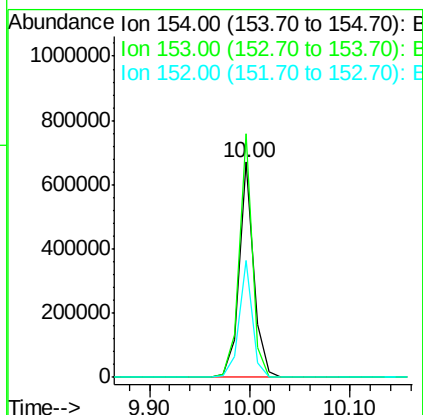
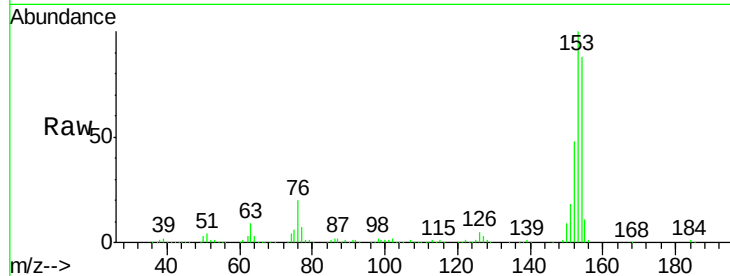
#51
Acenaphthene
Concen: 40.17 ng
RT: 10.00 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.2	91.4	137.0
152	54.2	43.4	65.2

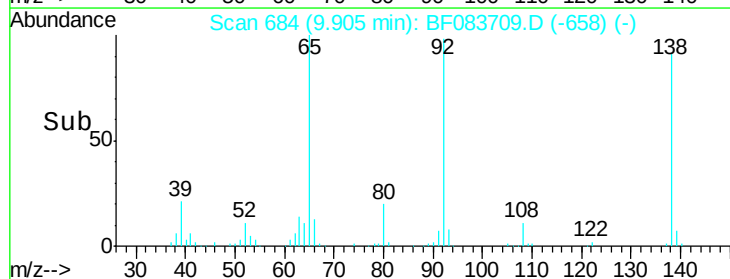
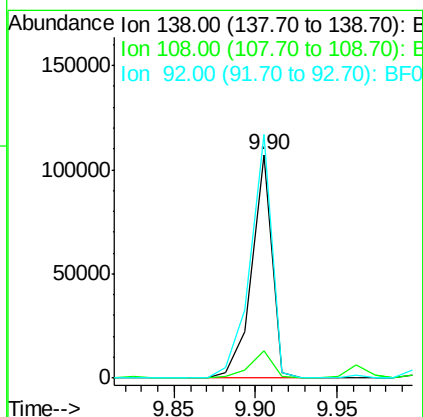
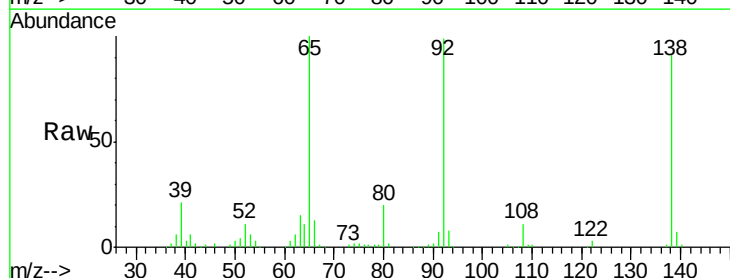
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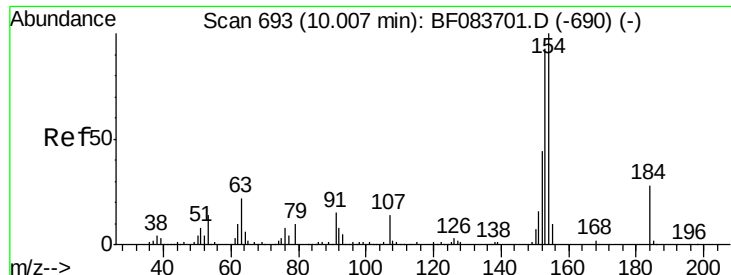
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#52
3-Nitroaniline
Concen: 21.09 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.9	9.9	14.9
92	108.9	113.8	170.8#





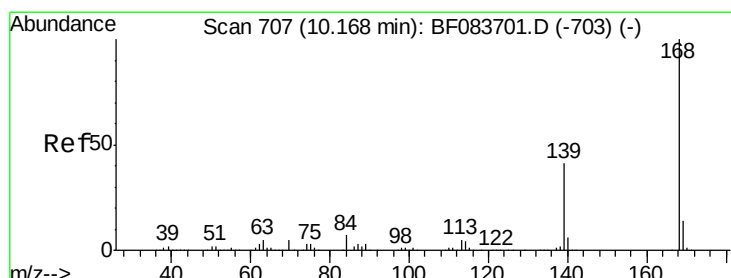
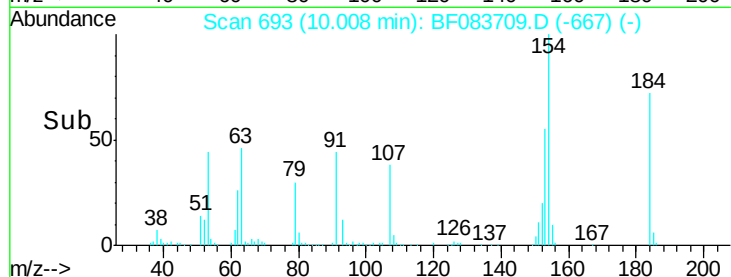
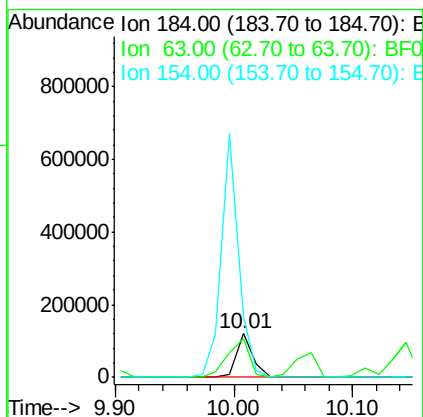
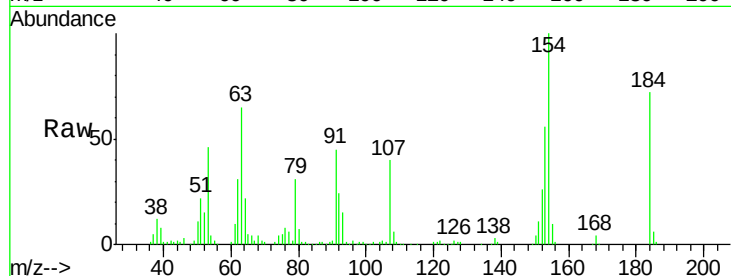
#53
2,4-Dinitrophenol
Concen: 87.52 ng
RT: 10.01 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	114200		
63	89.5	62.4	93.6	
154	138.0	46.6	69.8	

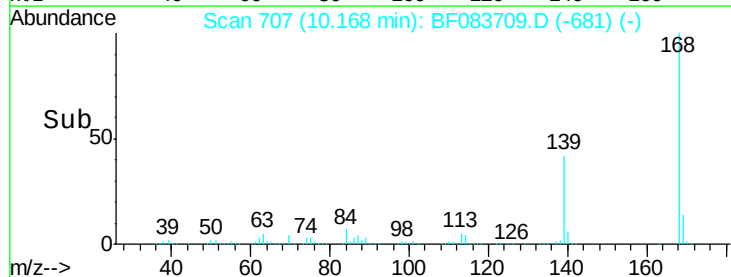
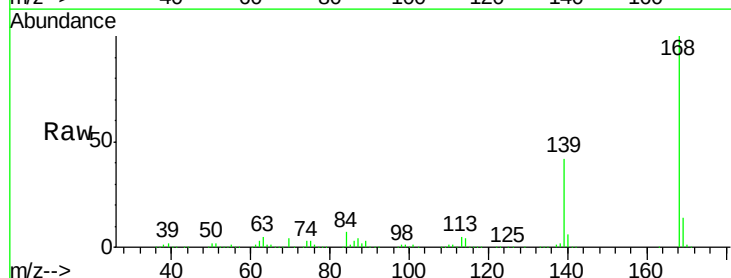
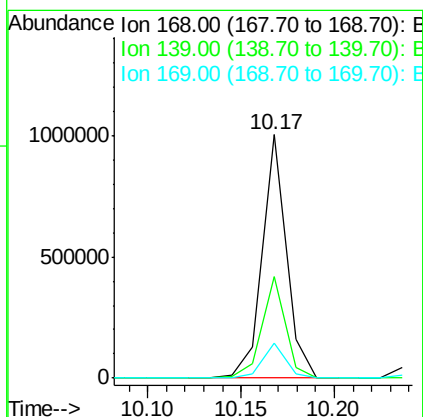
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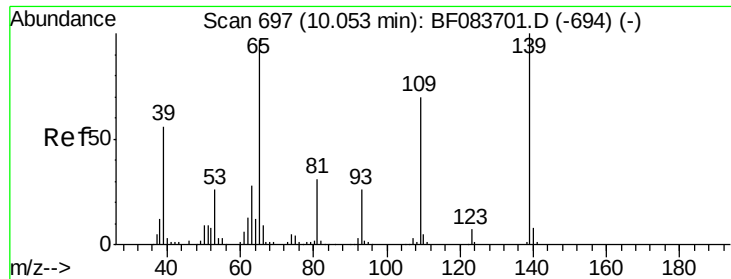
MMdadoda
12/14/2015 6:22:35 PM



#54
Dibenzofuran
Concen: 39.89 ng
RT: 10.17 min Scan# 707
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	894173		
139	41.6	28.0	42.0	
169	14.3	10.8	16.2	





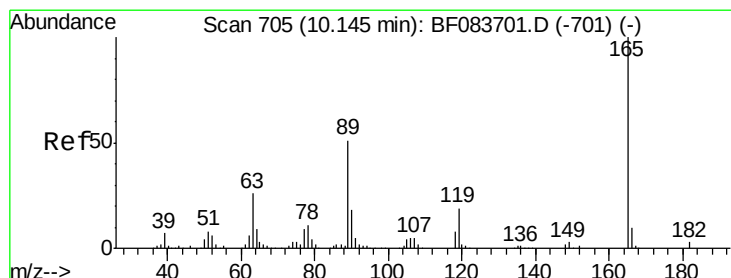
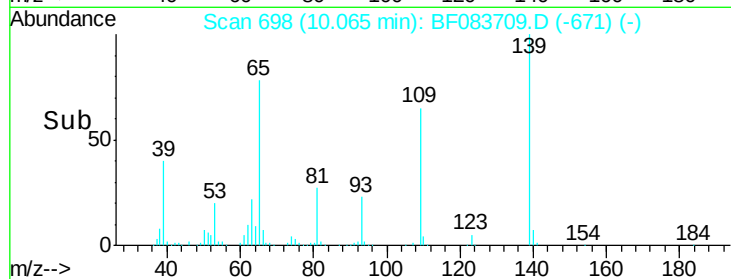
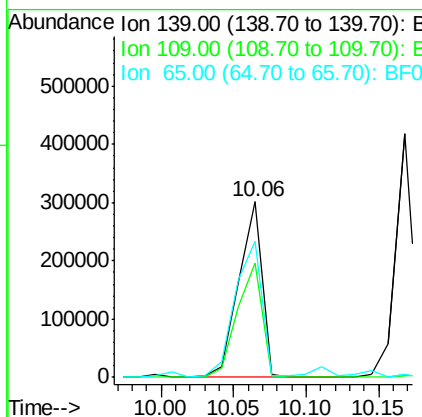
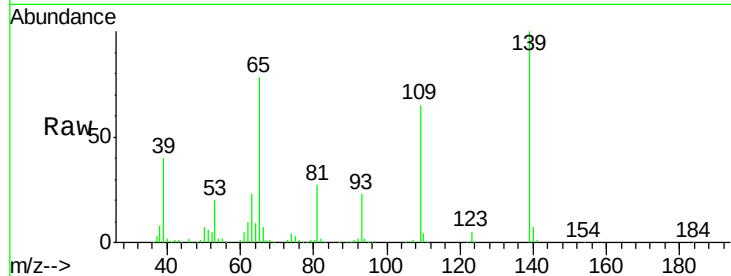
#55
4-Nitrophenol
Concen: 90.65 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.01 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	65.5	42.0	82.0	
65	77.9	89.2	129.2	

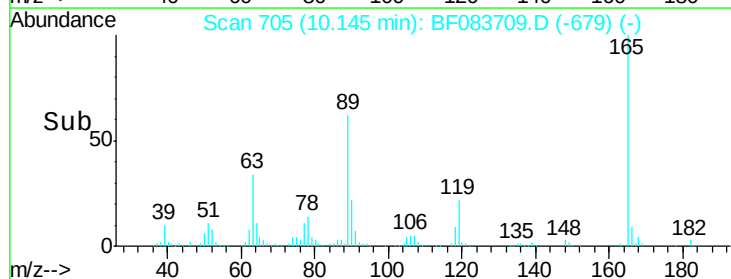
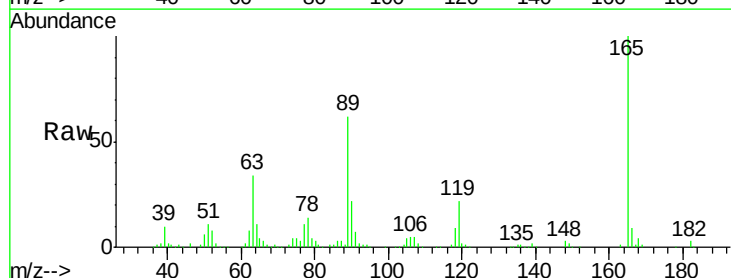
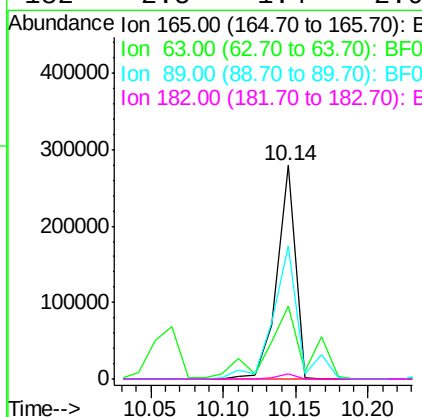
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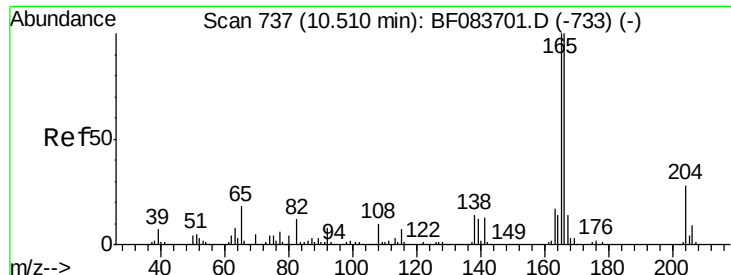
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 49.61 ng
RT: 10.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	34.3	51.4	77.2	
89	62.1	72.6	108.8	
182	2.5	1.4	2.0	





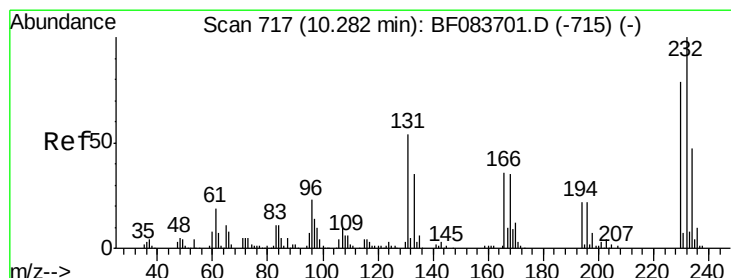
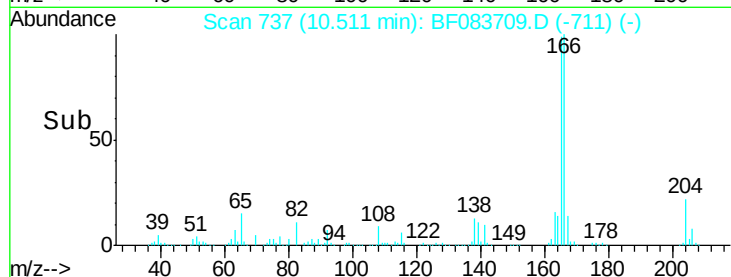
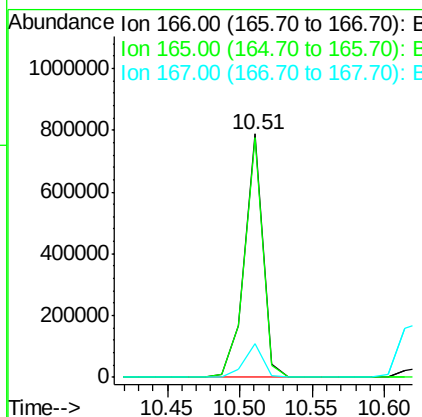
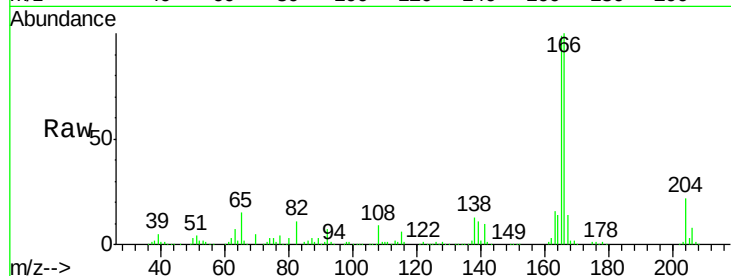
#57
 Fluorene
 Concen: 38.84 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	690928		
165	98.7	80.0	120.0	
167	13.7	10.6	16.0	

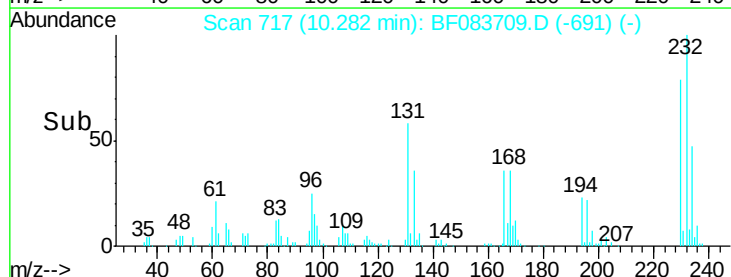
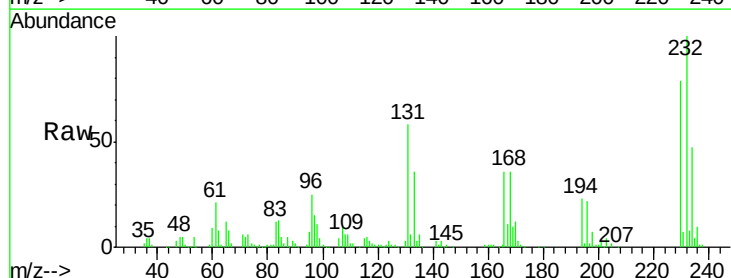
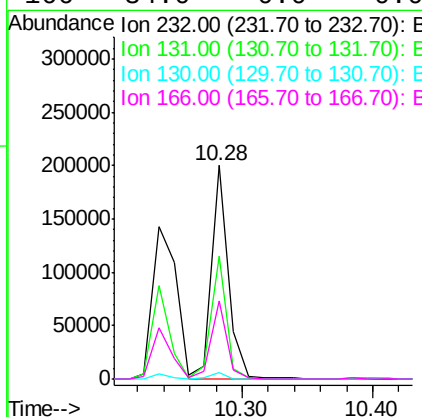
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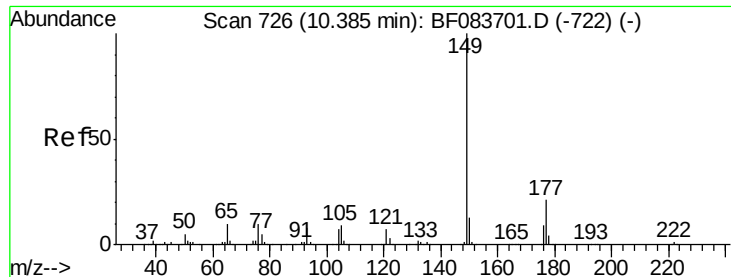
MMdadoda
 12/14/2015 6:22:35 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 44.77 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	179510		
131	52.7	0.0	0.0#	
130	2.6	0.0	0.0#	
166	34.0	0.0	0.0#	





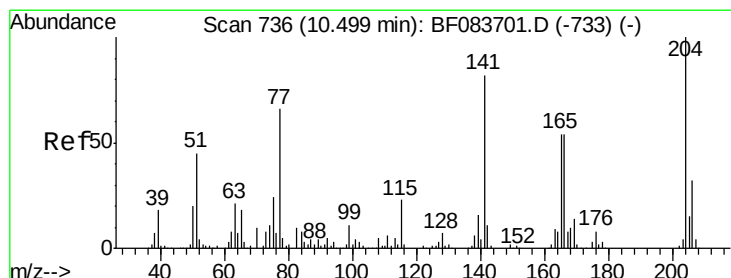
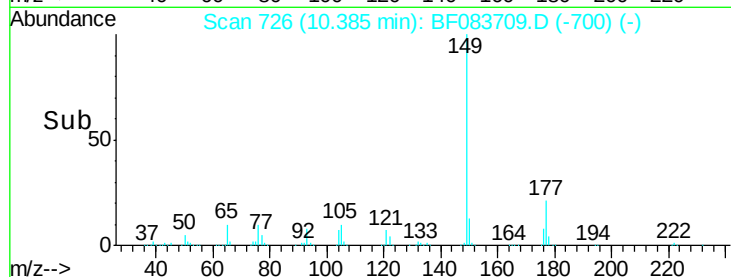
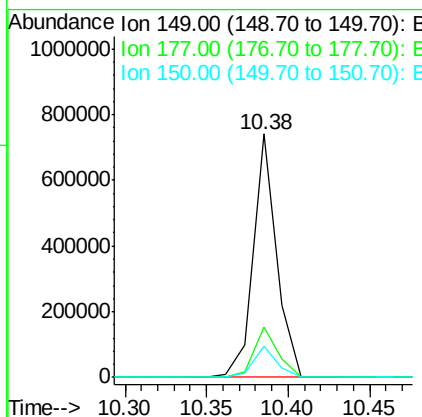
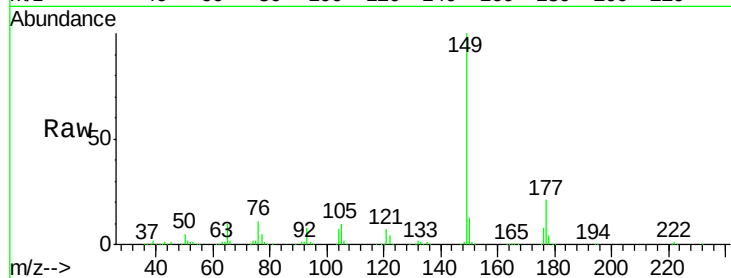
#59
Diethylphthalate
Concen: 38.89 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	736010		
177	20.9		16.9	25.3
150	12.9		10.2	15.4

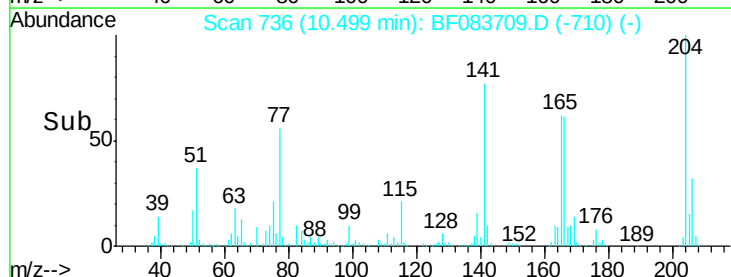
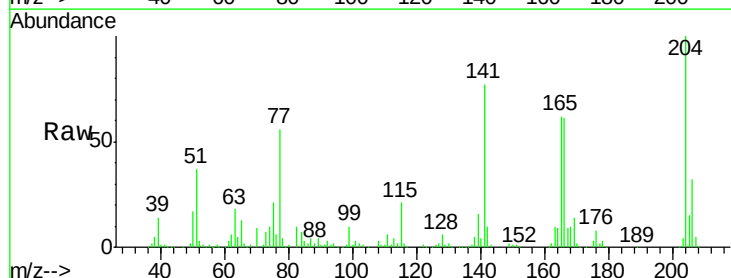
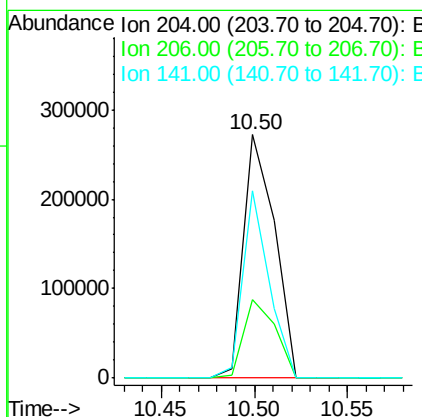
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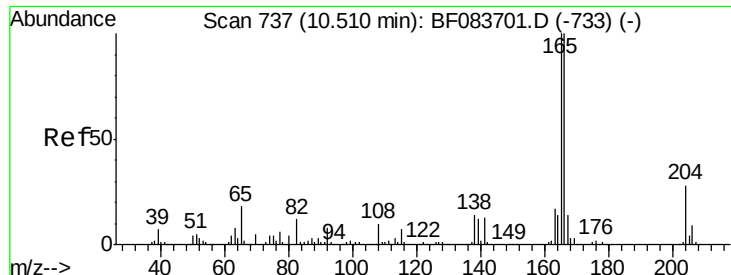
MMdadoda
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#60
4-Chlorophenyl-phenylether
Concen: 37.20 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	315777		
206	32.0		27.3	40.9
141	77.1		51.9	77.9





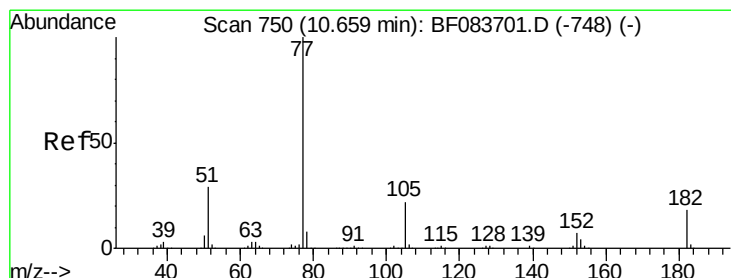
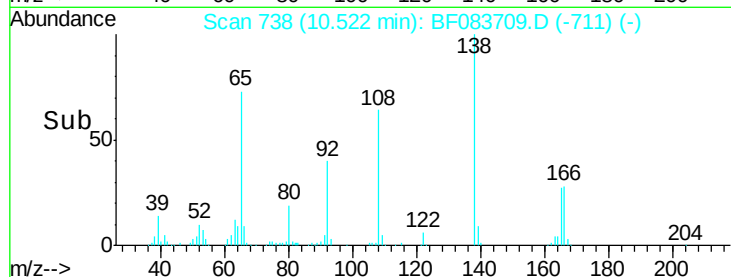
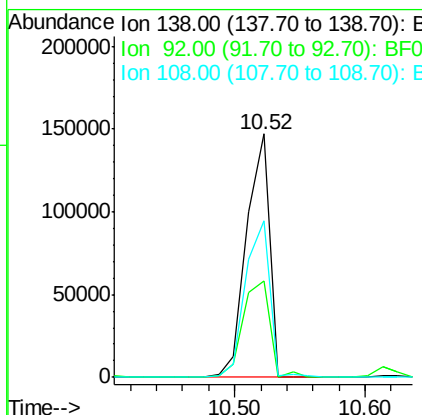
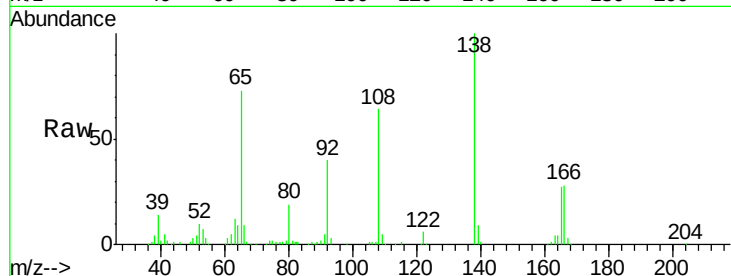
#61
4-Nitroaniline
Concen: 44.28 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.01 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	180494		
92	39.5	29.0	69.0	
108	64.2	47.4	87.4	

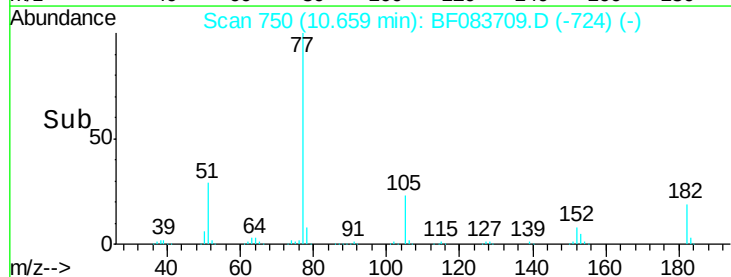
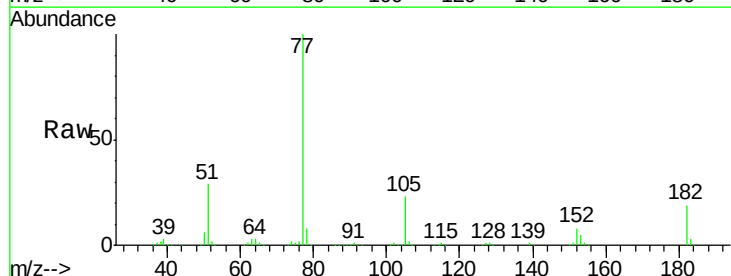
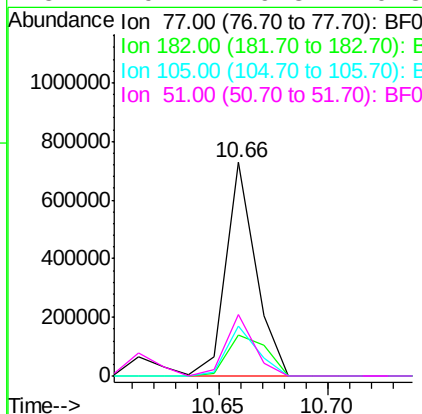
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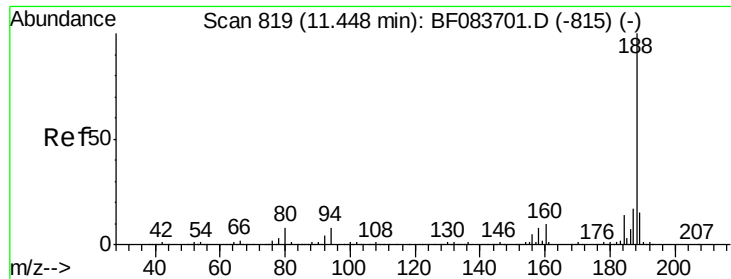
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#62
Azobenzene
Concen: 38.17 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	687715		
182	19.4	2.5	42.5	
105	23.1	2.1	42.1	
51	29.1	9.3	49.3	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.45 min Scan# 819

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

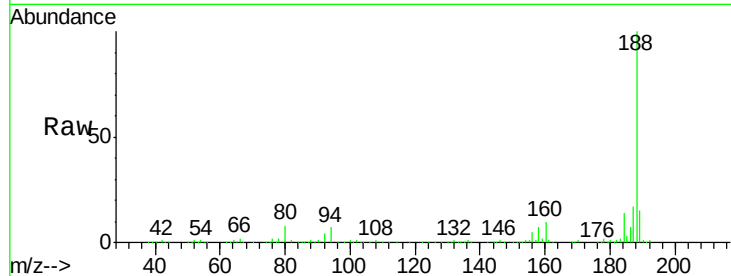
ClientSampleId :

PB87192BS

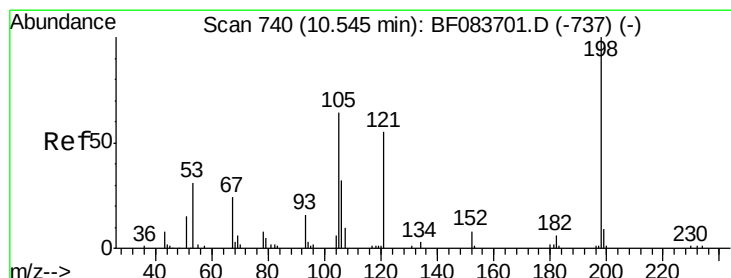
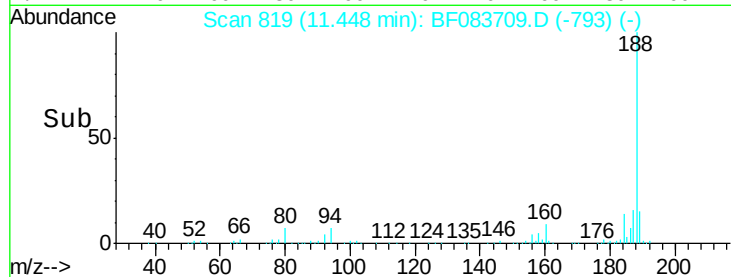
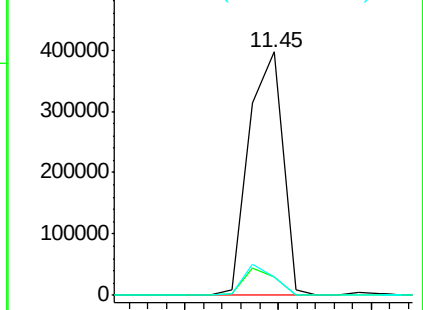
Tot Ion:188	Resp:	499649
Ion Ratio	Lower	Upper
188 100		
94 7.4	9.4	14.2#
80 7.5	10.6	16.0#

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Abundance Ion 188.00 (187.70 to 188.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 42.65 ng

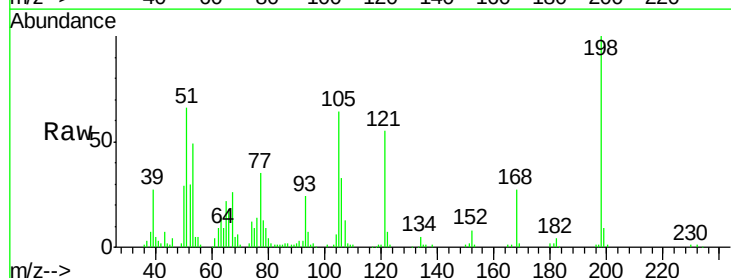
RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

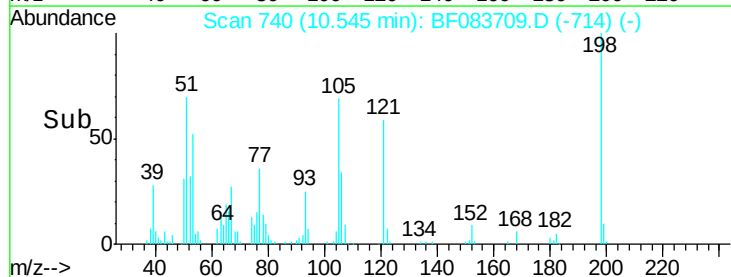
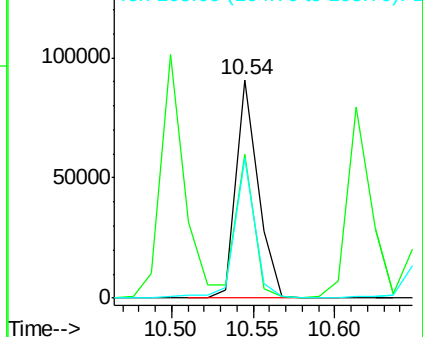
Lab File: BF083709.D

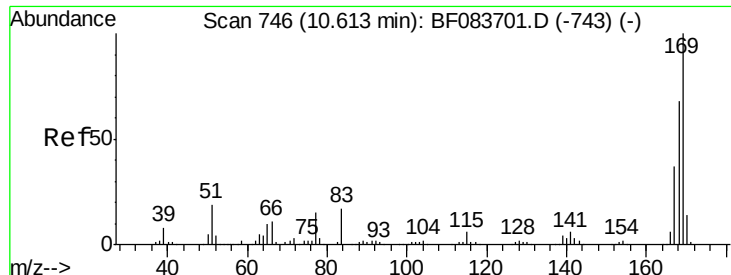
Acq: 11 Dec 2015 21:56

Tgt Ion:198	Resp:	84655
Ion Ratio	Lower	Upper
198 100		
51 66.1	53.8	93.8
105 64.3	38.6	78.6



Abundance Ion 198.00 (197.70 to 198.70): E





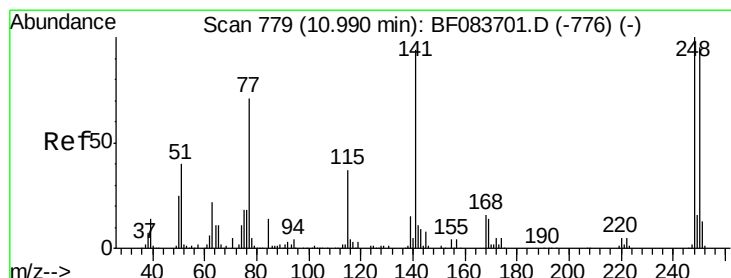
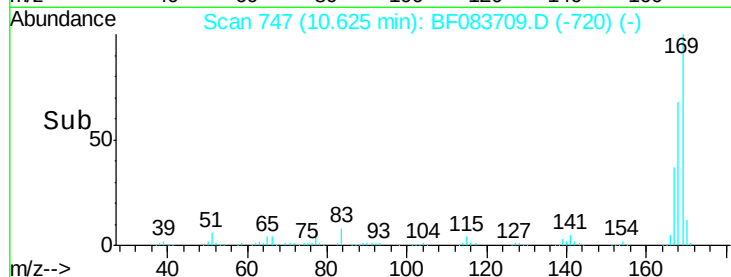
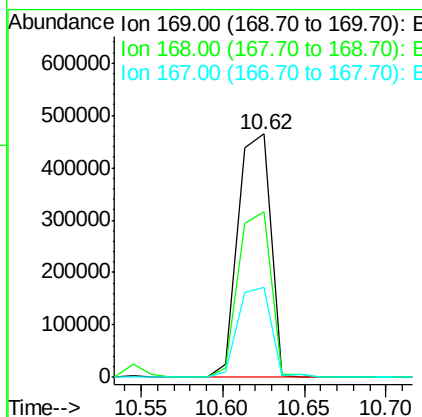
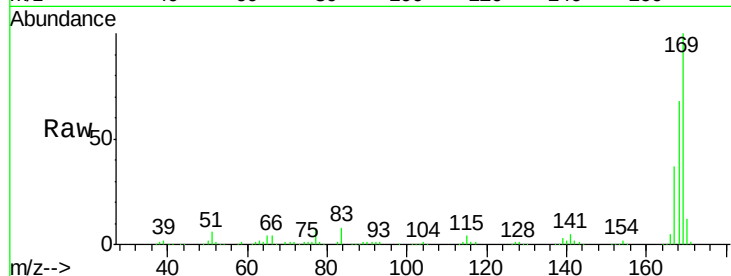
#65
n-Nitrosodiphenylamine
Concen: 38.57 ng
RT: 10.62 min Scan# 747
Delta R.T. 0.01 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	639683		
168	67.8	53.0	79.6	
167	36.7	29.3	43.9	

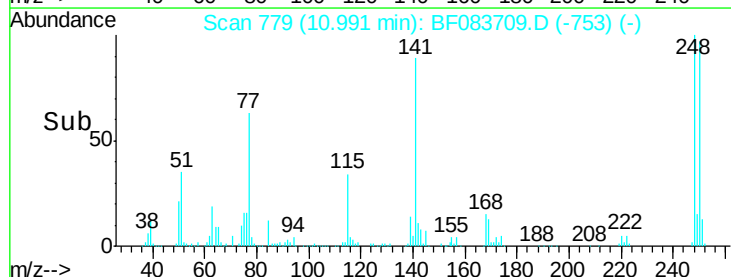
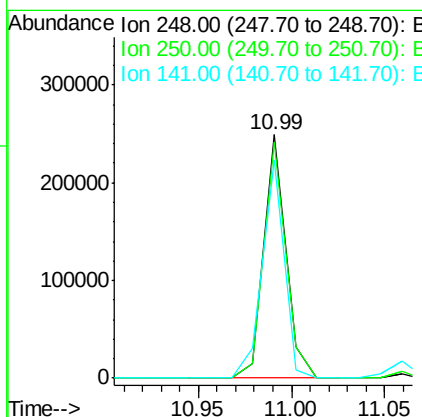
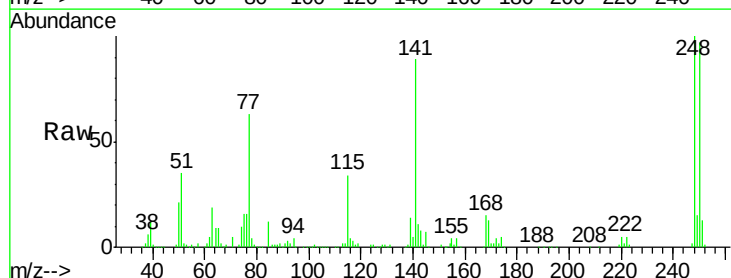
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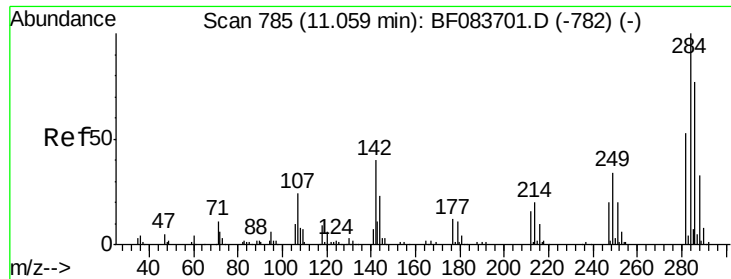
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#66
4-Bromophenyl-phenylether
Concen: 38.17 ng
RT: 10.99 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	203839		
250	96.7	79.2	118.8	
141	89.3	58.2	87.4#	





#67

Hexachlorobenzene

Concen: 38.94 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

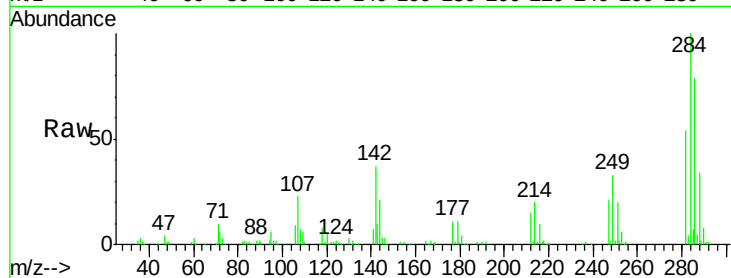
ClientSampleId :

PB87192BS

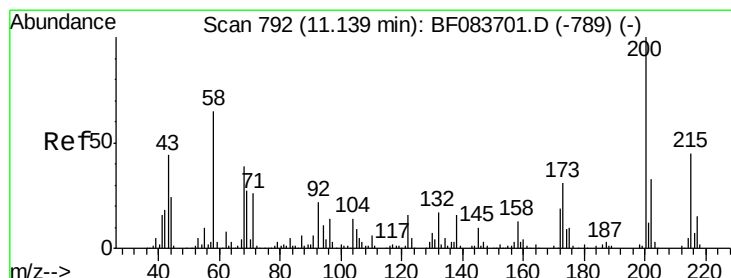
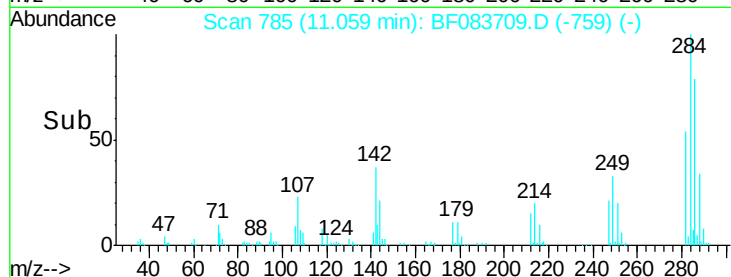
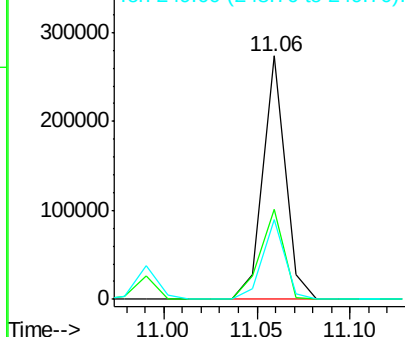
Tot Ion:	284	Resp:	226496
Ion Ratio	Lower	Upper	
284	100		
142	37.0	31.0	46.4
249	32.9	26.9	40.3

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



#68

Atrazine

Concen: 40.46 ng

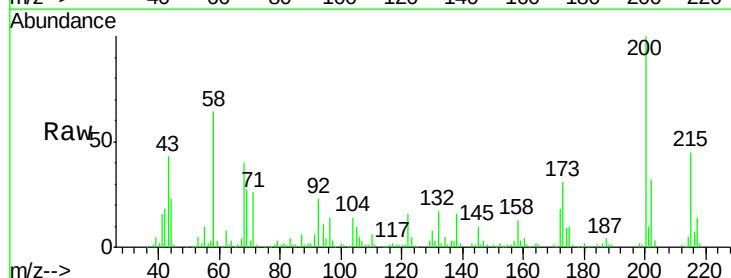
RT: 11.14 min Scan# 792

Delta R.T. 0.00 min

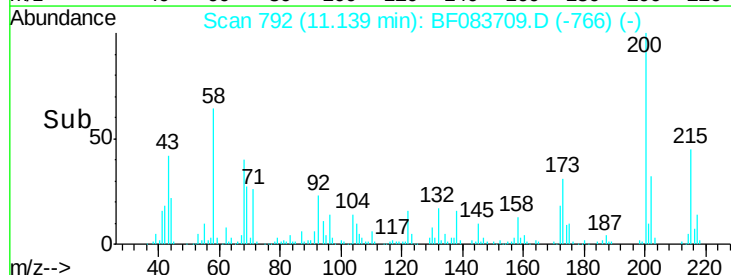
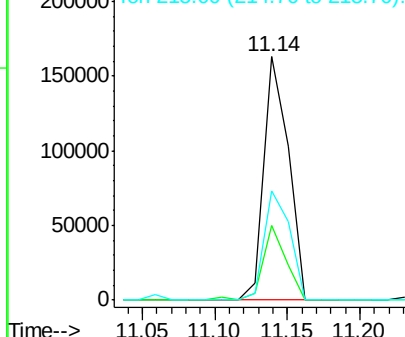
Lab File: BF083709.D

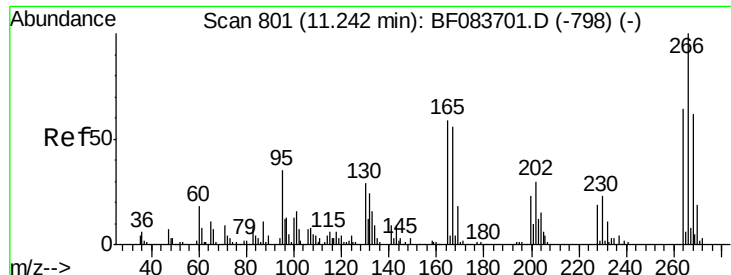
Acq: 11 Dec 2015 21:56

Tgt Ion:	200	Resp:	191363
Ion Ratio	Lower	Upper	
200	100		
173	30.5	7.8	47.8
215	44.9	25.7	65.7



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





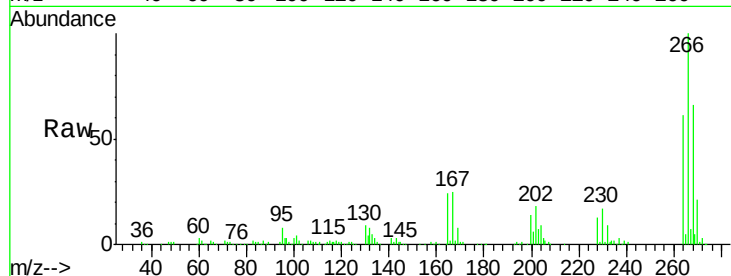
#69
 Pentachlorophenol
 Concen: 83.15 ng
 RT: 11.25 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	269922		
268	65.5		50.2	75.2
264	61.4		51.4	77.2

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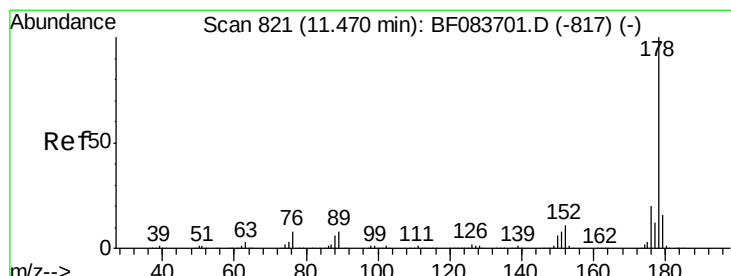
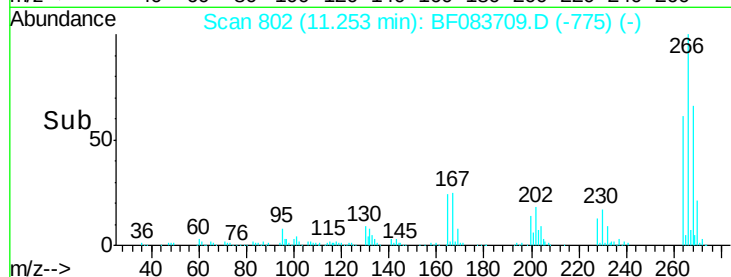
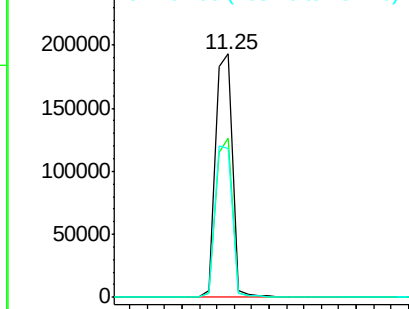


Abundance

Ion 265.70 (265.40 to 266.40): E

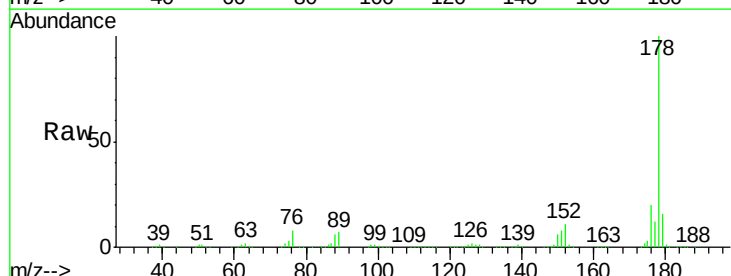
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70
 Phenanthrene
 Concen: 40.87 ng
 RT: 11.47 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1114536		
176	20.3		15.7	23.5
179	16.0		12.2	18.4

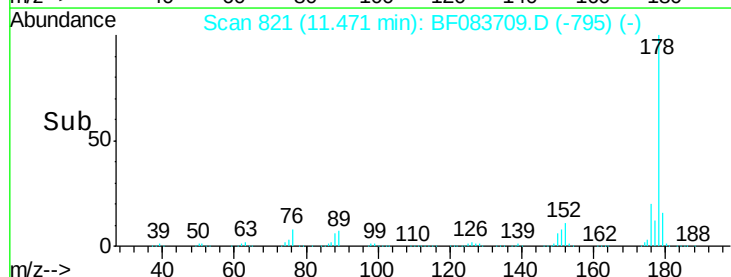
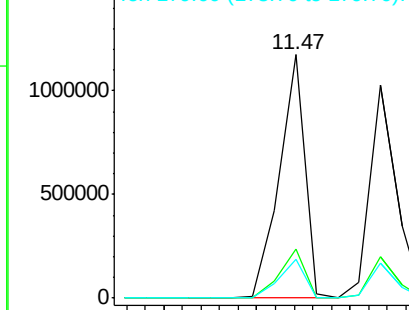


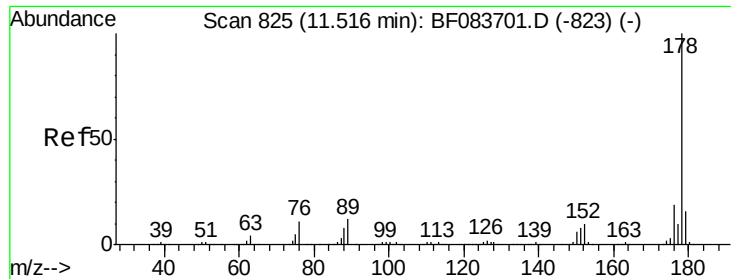
Abundance

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





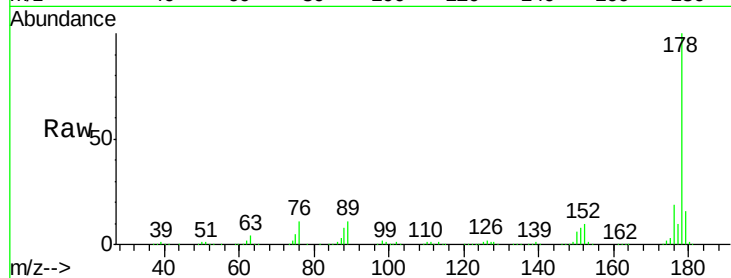
#71
 Anthracene
 Concen: 35.44 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.2	22.8
179	16.3	12.6	18.8

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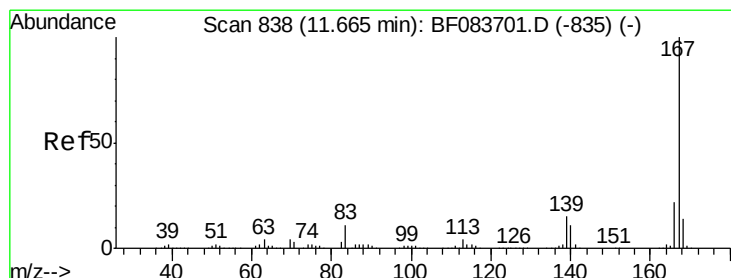
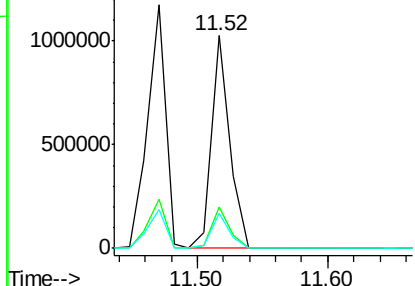
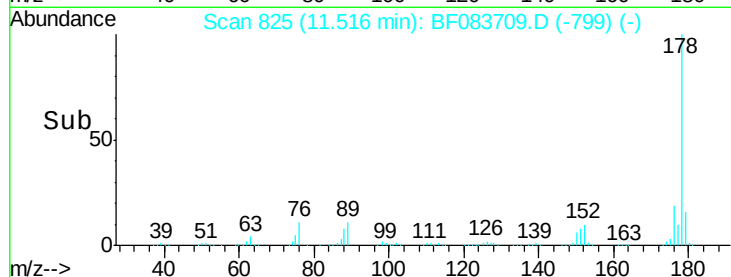


Abundance

Ion 178.00 (177.70 to 178.70): E

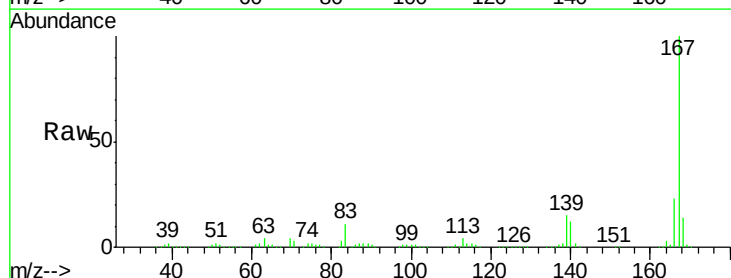
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
 Carbazole
 Concen: 35.13 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.2	25.8
139	14.8	9.3	13.9

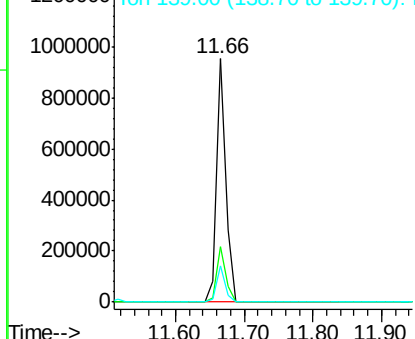
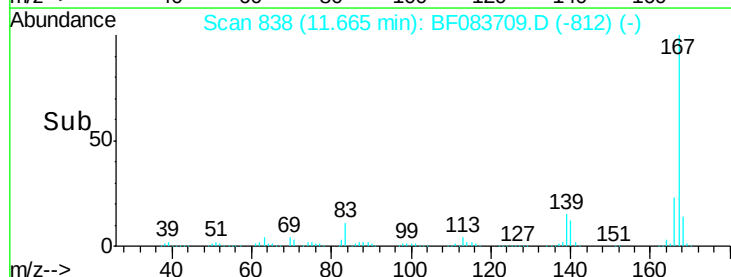


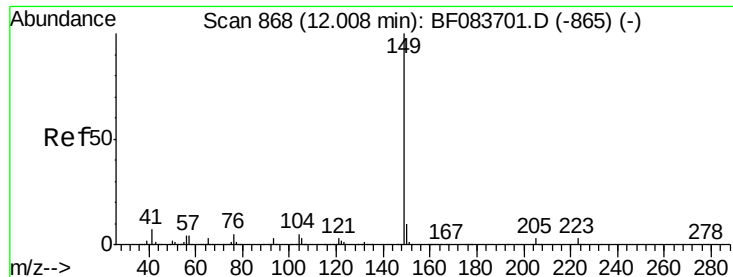
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.45 ng

RT: 12.01 min Scan# 868

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

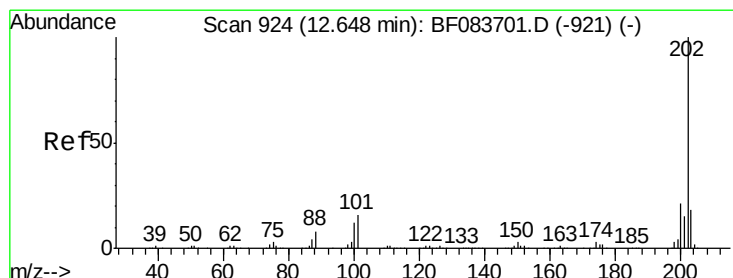
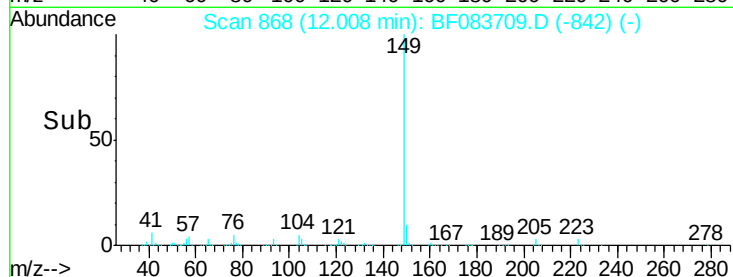
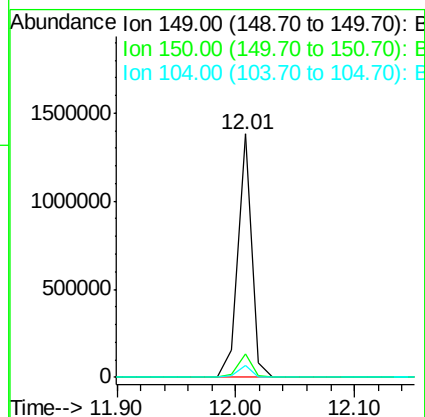
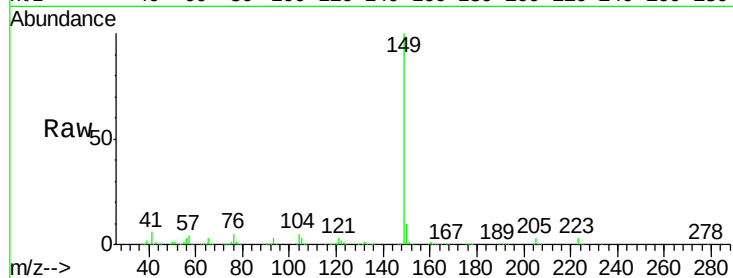
ClientSampleId :

PB87192BS

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Tot Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.1	3.9	5.9



#74

Fluoranthene

Concen: 36.05 ng

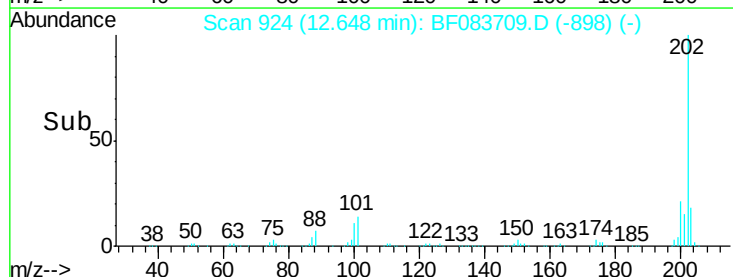
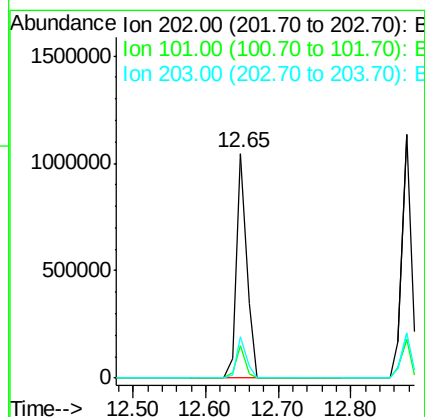
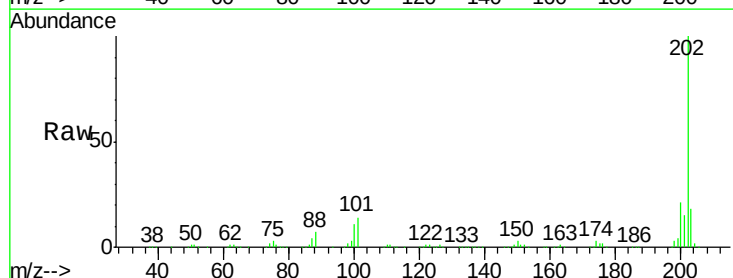
RT: 12.65 min Scan# 924

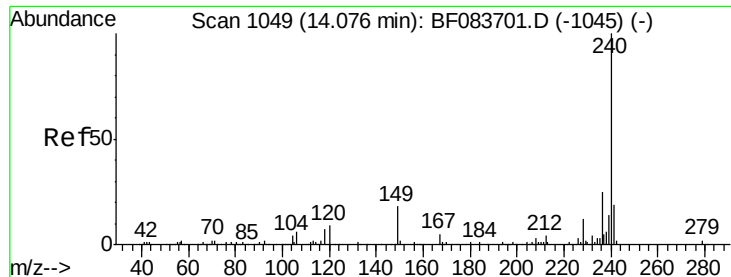
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	31.5
203	18.2	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.08 min Scan# 1049

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

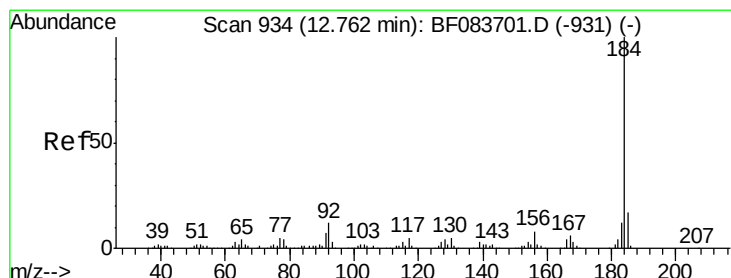
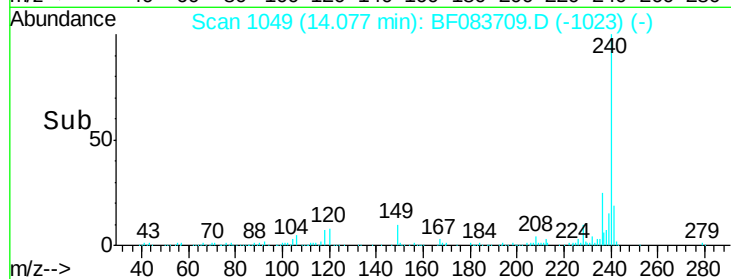
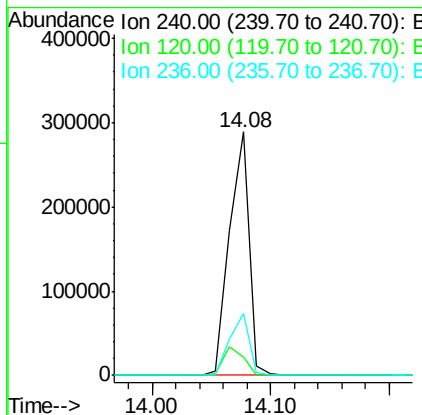
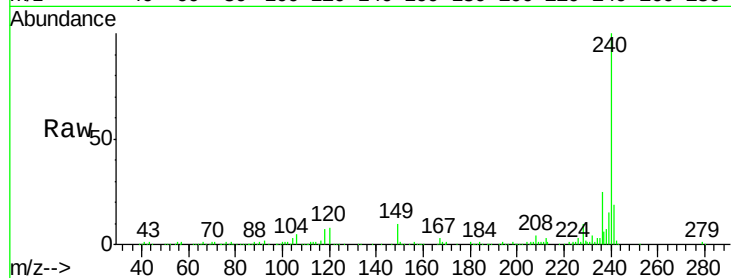
ClientSampleId :

PB87192BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	329332		
120	7.7	8.1	12.1	#
236	25.4	20.8	31.2	

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#76

Benzidine

Concen: 21.02 ng

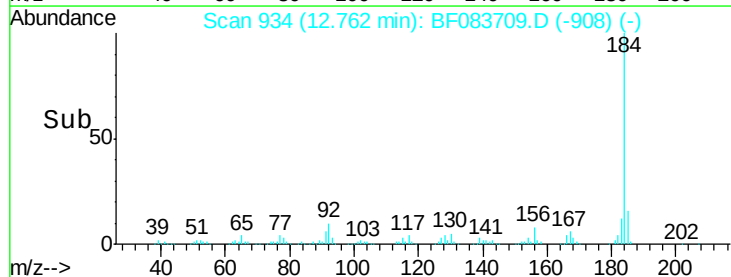
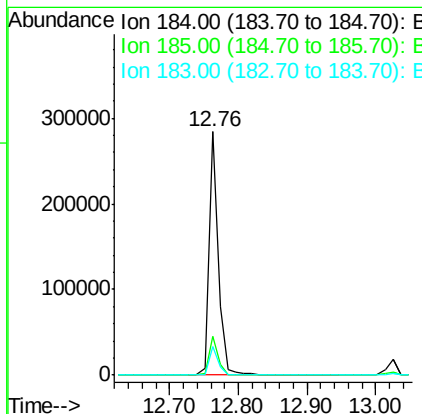
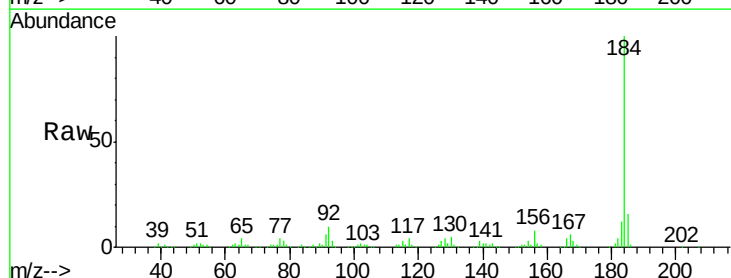
RT: 12.76 min Scan# 934

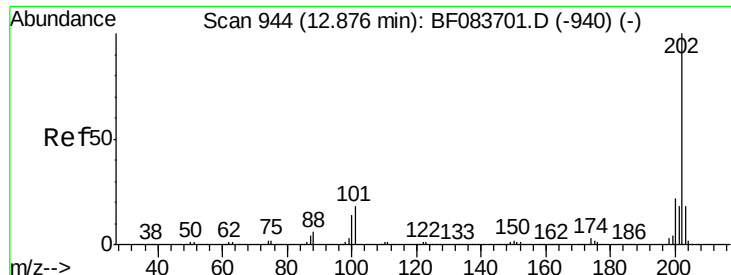
Delta R.T. 0.00 min

Lab File: BF083709.D

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Tgt Ion	Ratio	Resp	Lower	Upper
184	100	266887		
185	15.8	13.0	19.6	
183	11.8	9.0	13.4	





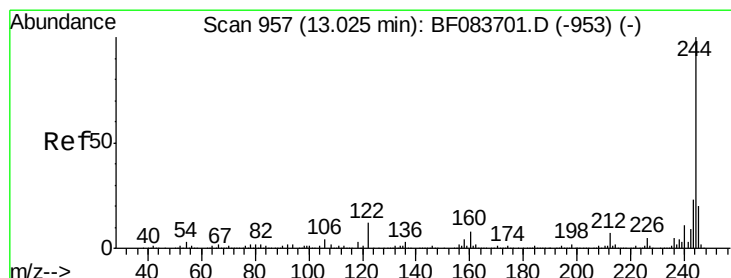
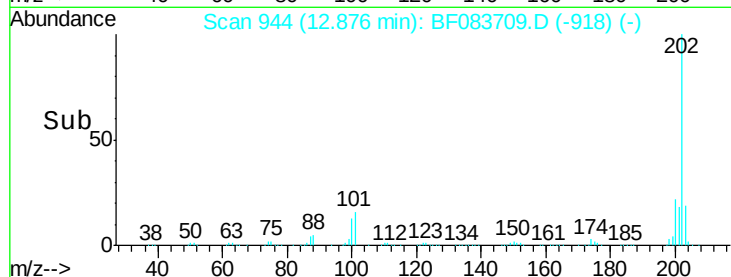
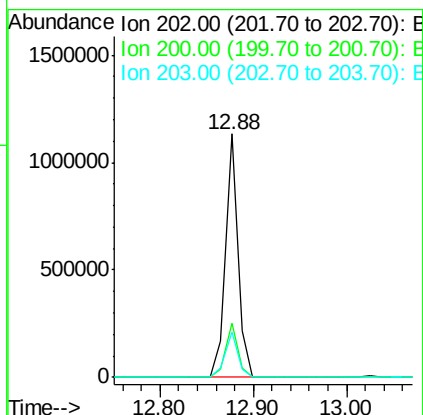
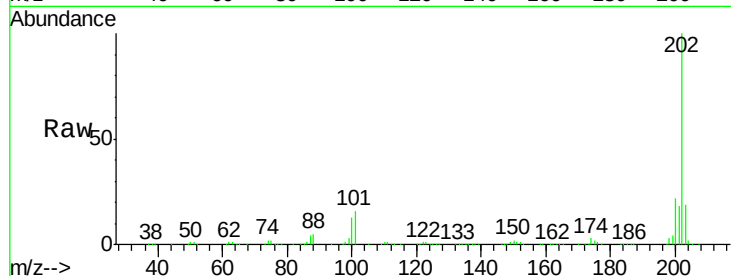
#77
Pvrene
Concen: 40.40 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.3	16.7	25.1
203	18.6	14.3	21.5

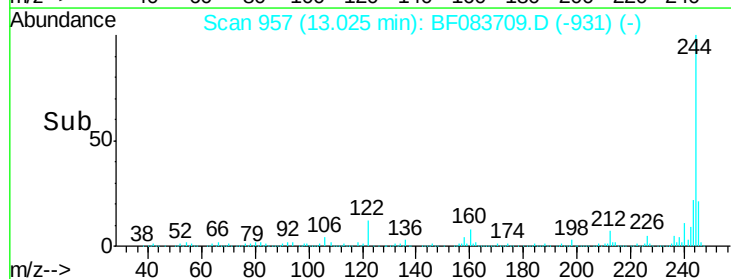
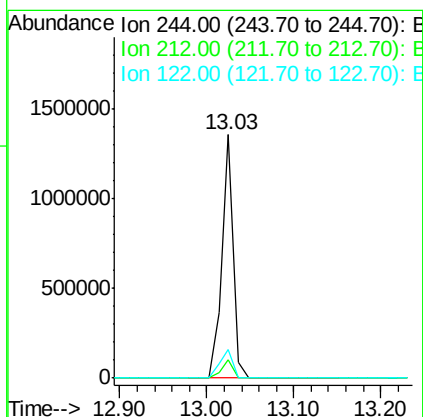
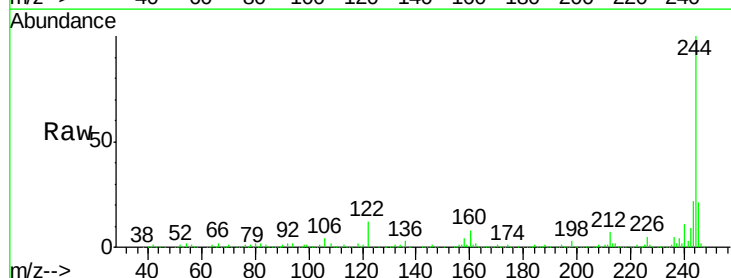
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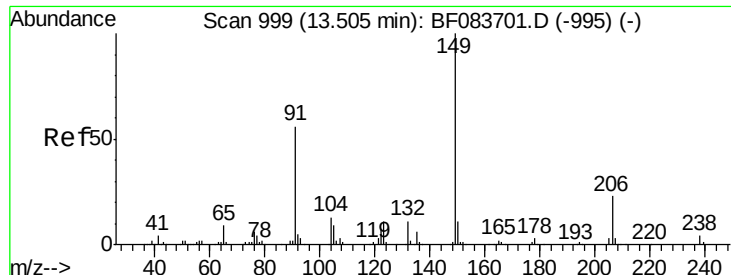
MMdadoda
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#78
Terphenyl-d14
Concen: 85.39 ng
RT: 13.03 min Scan# 957
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	11.8	11.0	16.6





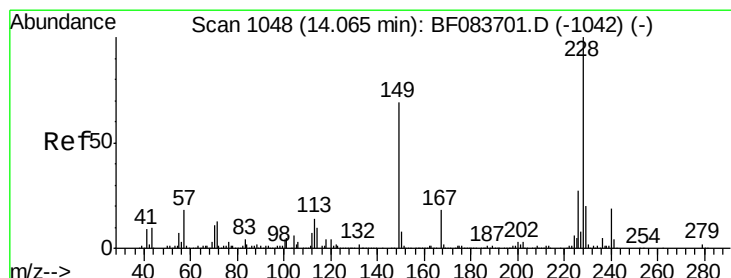
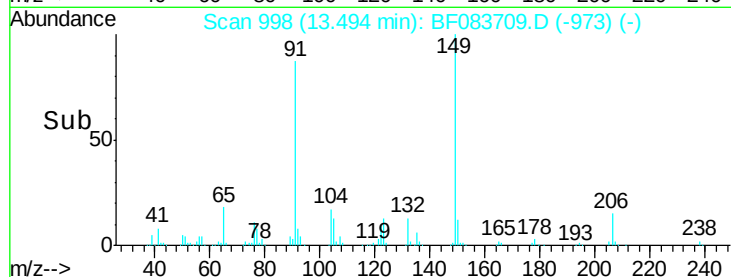
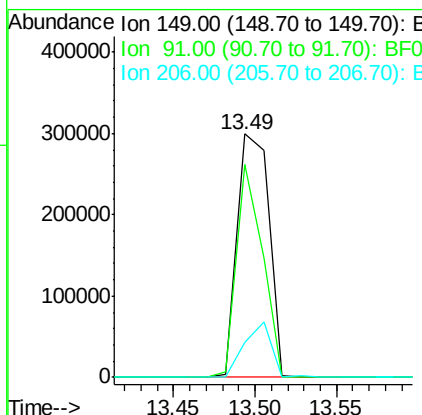
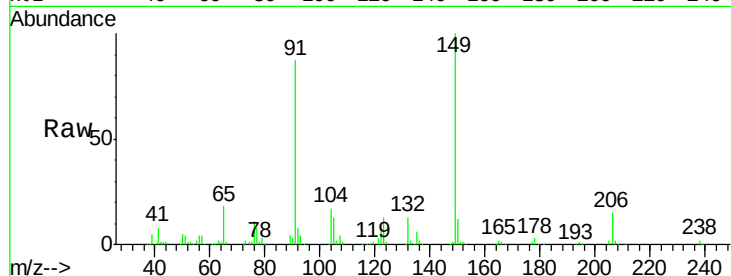
#79
Butylbenzylphthalate
Concen: 48.14 ng
RT: 13.49 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	87.2	60.0	90.0
206	14.6	16.2	24.4

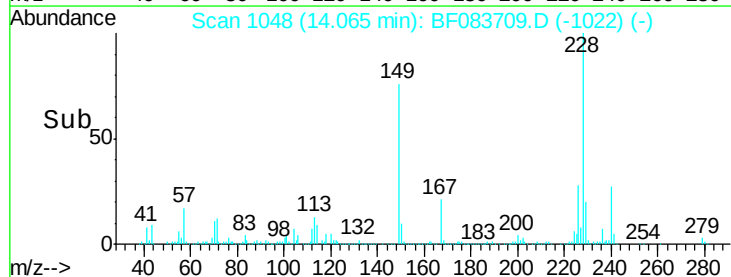
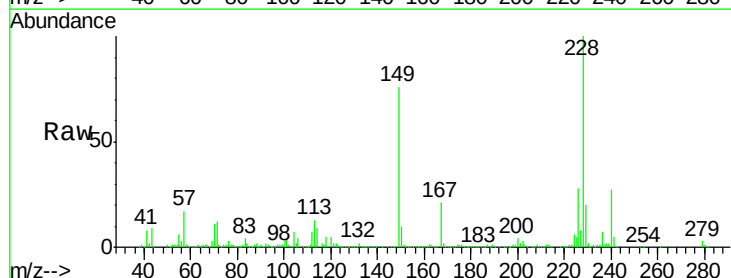
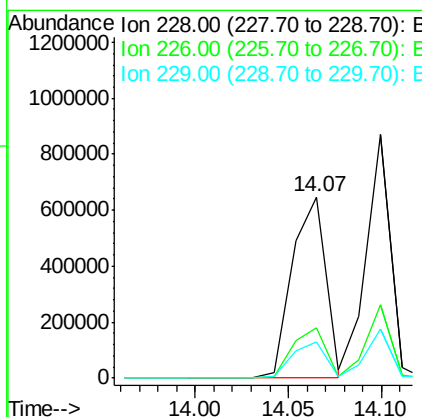
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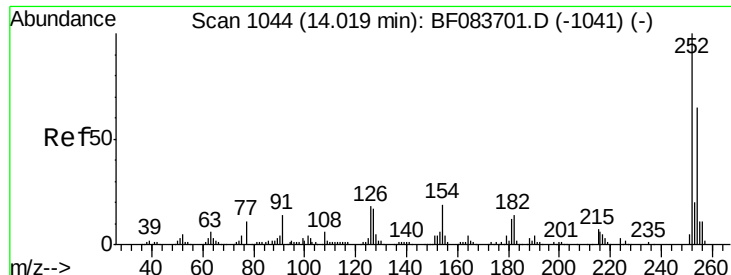
MMdadoda
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#80
Benzo(a)anthracene
Concen: 42.22 ng
RT: 14.07 min Scan# 1048
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	27.5	22.3	33.5
229	20.0	15.7	23.5





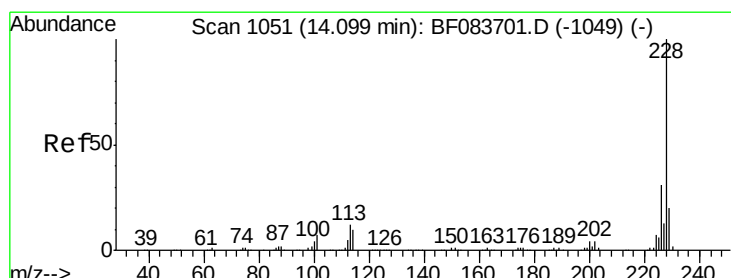
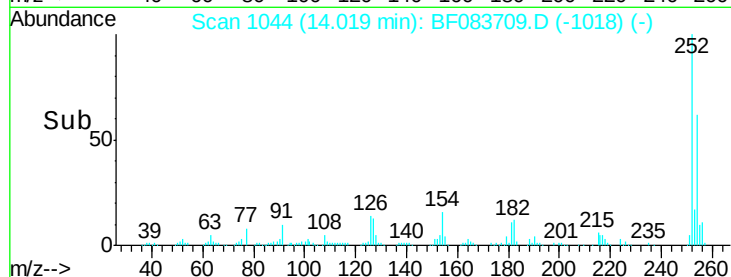
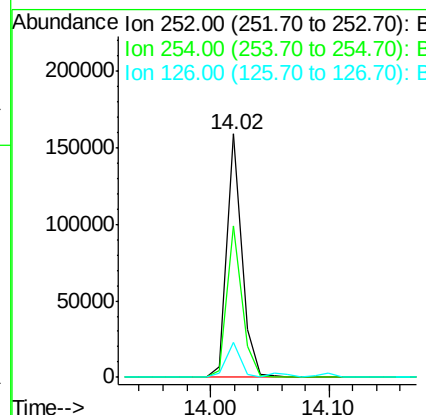
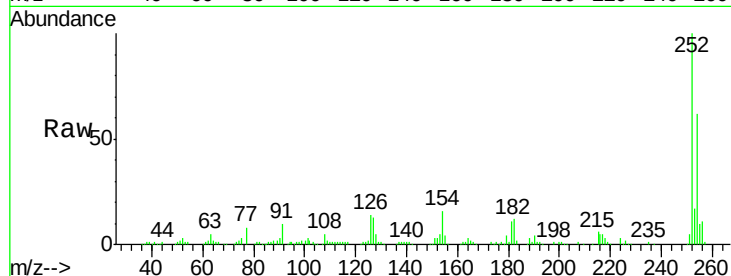
#81
 3,3'-Dichlorobenzidine
 Concen: 22.52 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	62.4	50.6	76.0
126	14.4	11.0	16.4

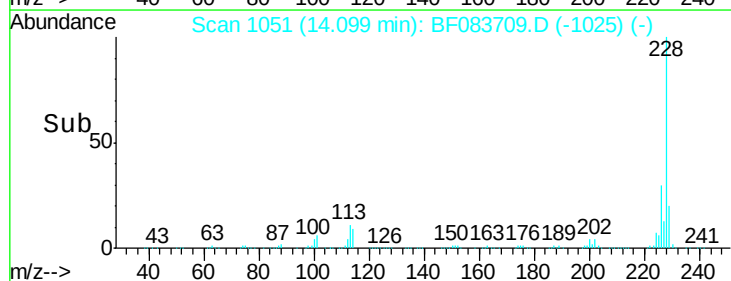
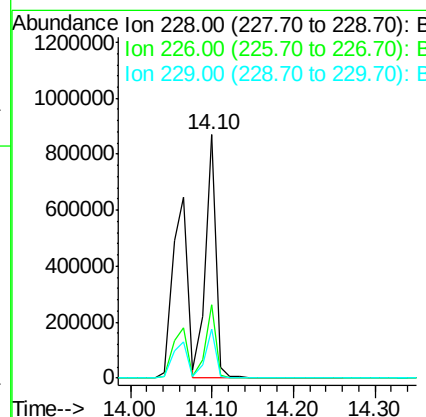
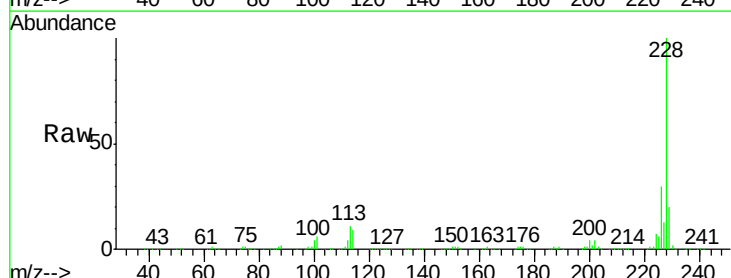
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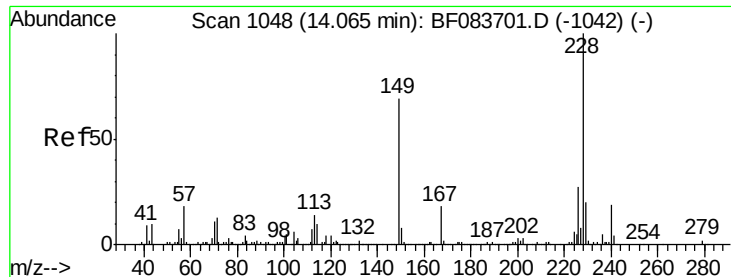
MMdadoda
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#82
 Chrysene
 Concen: 42.39 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.4	24.7	37.1
229	20.2	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 47.90 ng

RT: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Instrument :

BNA_F

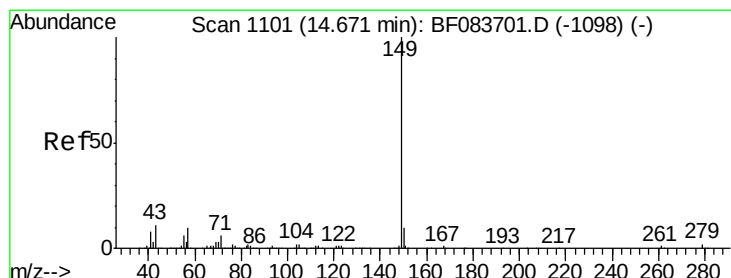
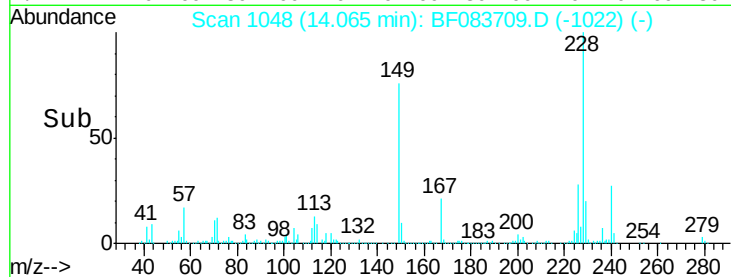
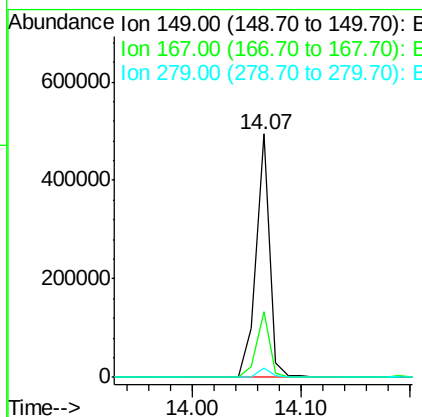
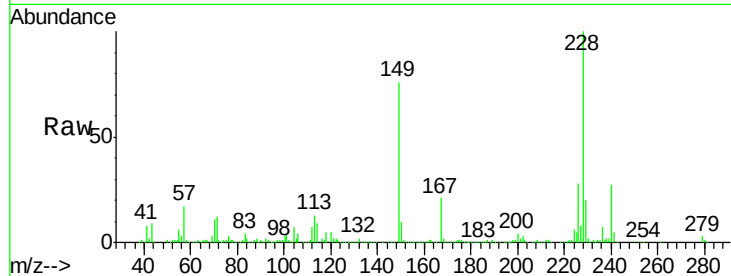
ClientSampleId :

PB87192BS

Tot Ion:	149	Resp:	431343
Ion Ratio	Lower	Upper	
149	100		
167	27.2	21.8	32.8
279	3.7	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 48.75 ng

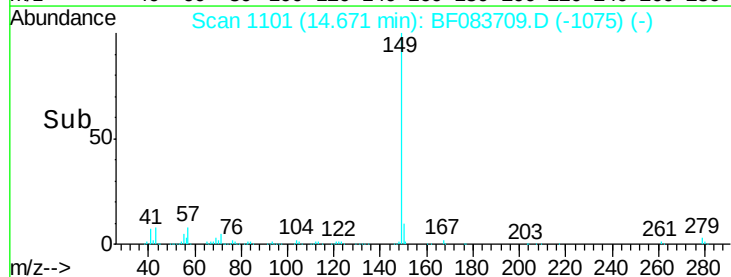
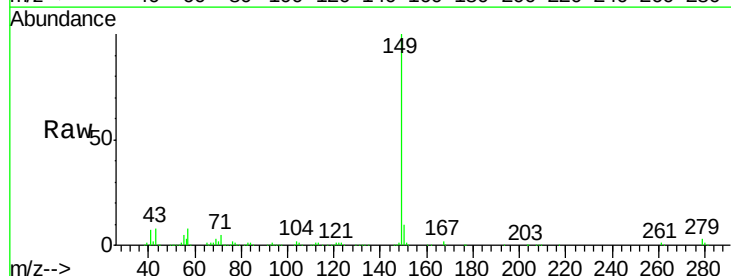
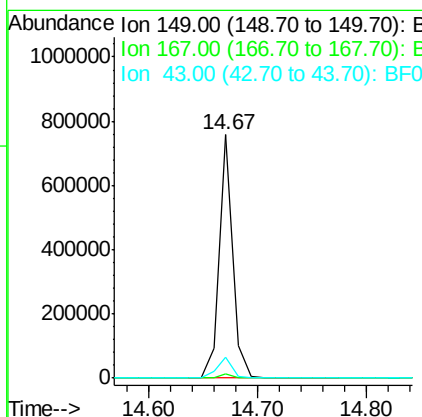
RT: 14.67 min Scan# 1101

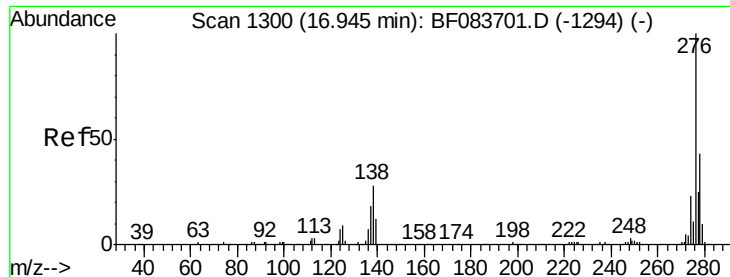
Delta R.T. 0.00 min

Lab File: BF083709.D

Acq: 11 Dec 2015 21:56

Tgt Ion:	149	Resp:	663429
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	9.6	0.0	0.0#





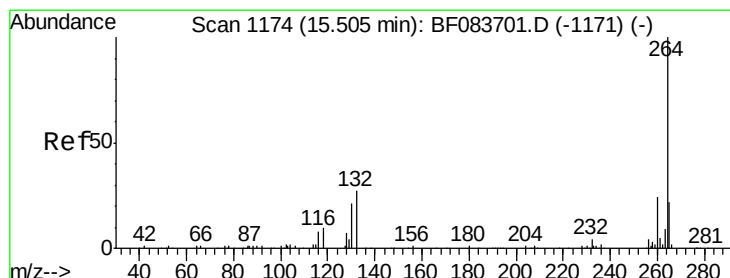
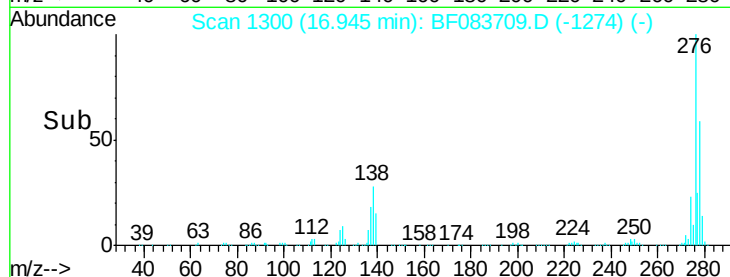
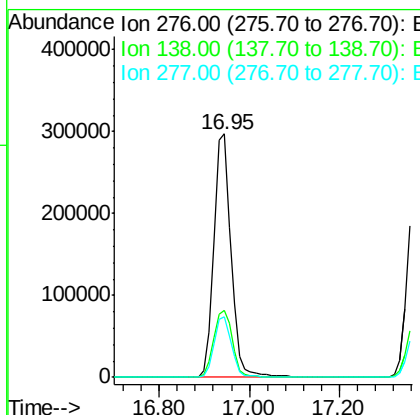
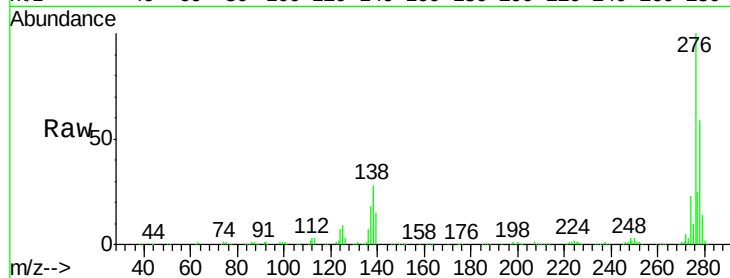
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.99 ng
 RT: 16.95 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.0	0.0	0.0#
277	25.3	0.0	0.0#

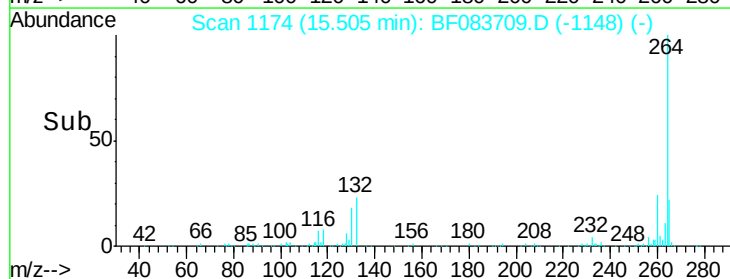
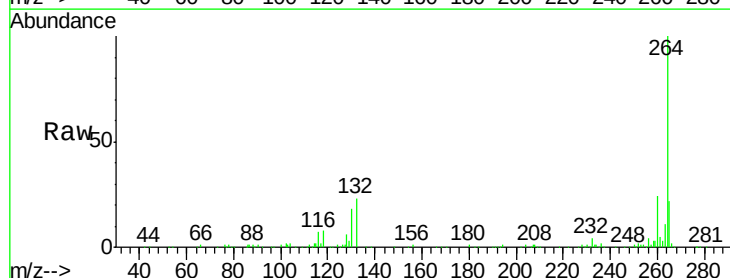
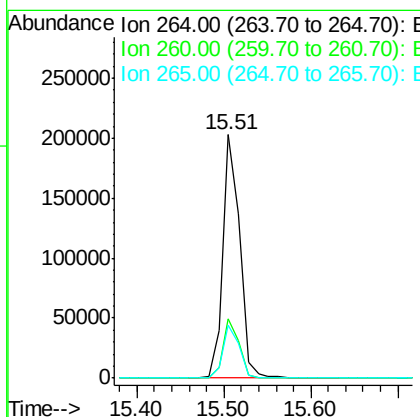
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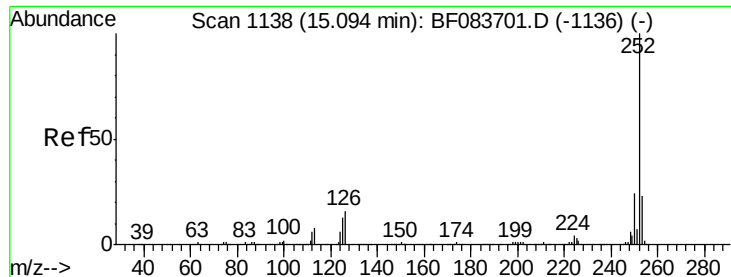
MMdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.9	17.8	26.6





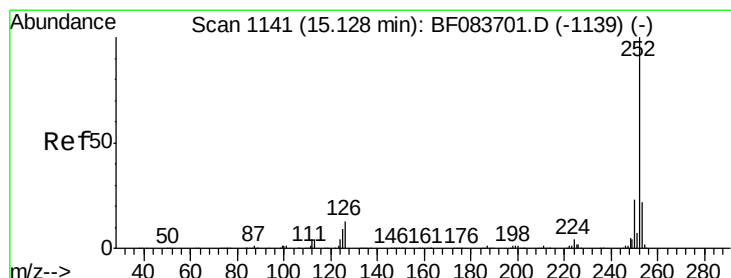
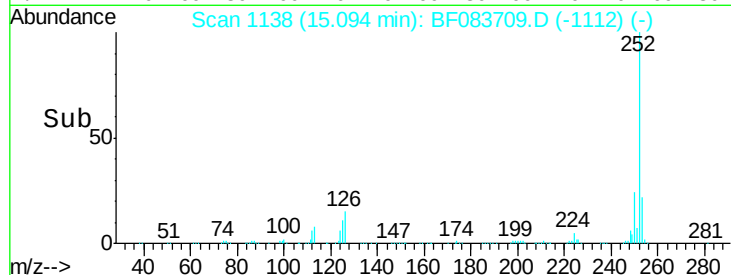
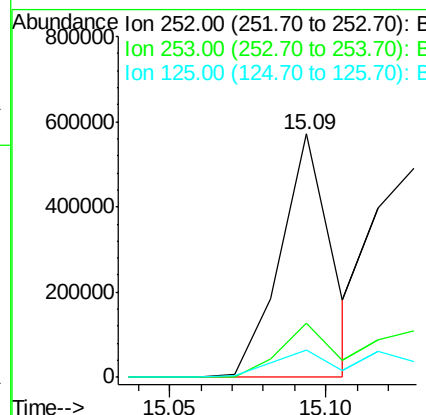
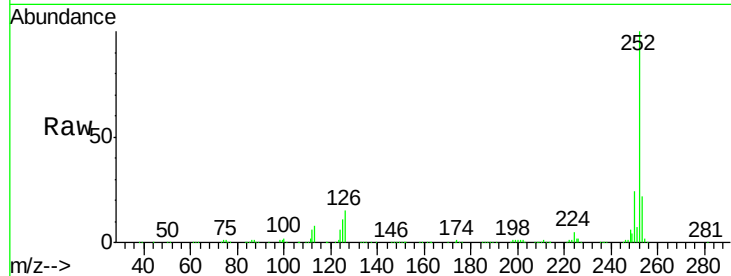
#87
Benzo(b)fluoranthene
Concen: 37.68 ng m
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	11.5	8.2	12.4

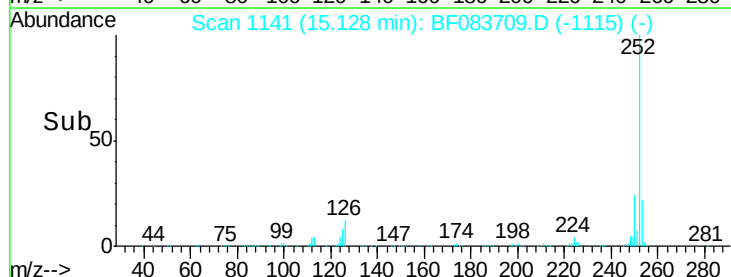
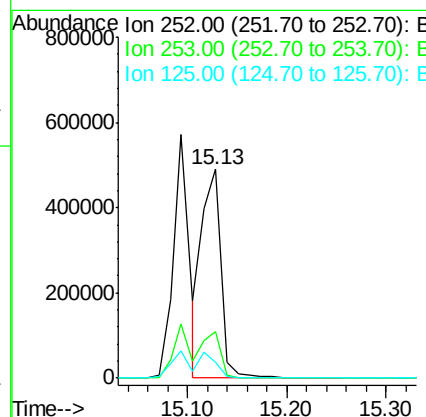
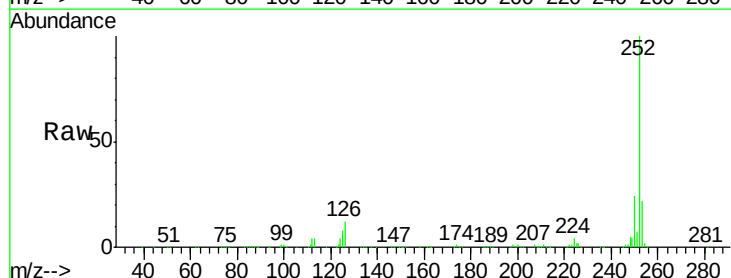
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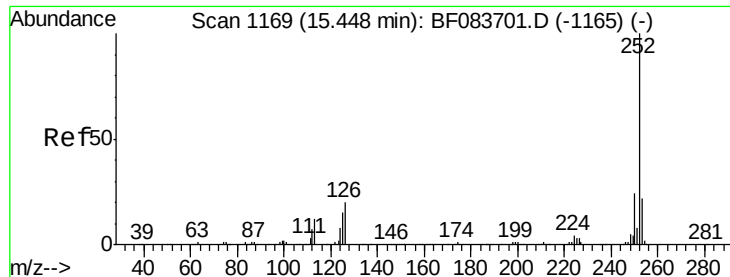
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#88
Benzo(k)fluoranthene
Concen: 39.89 ng m
RT: 15.13 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	7.6	11.5	17.3#





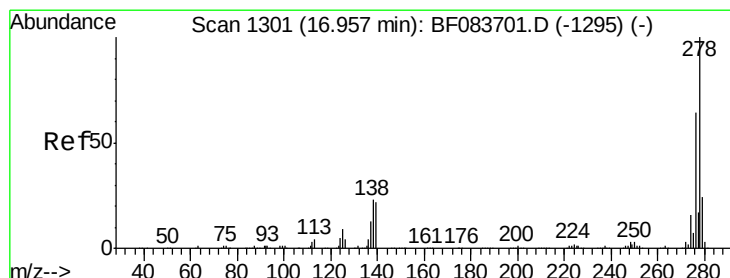
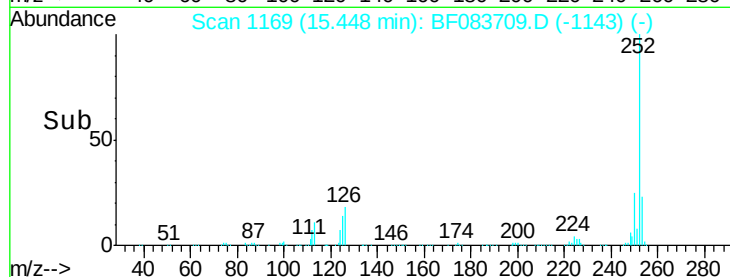
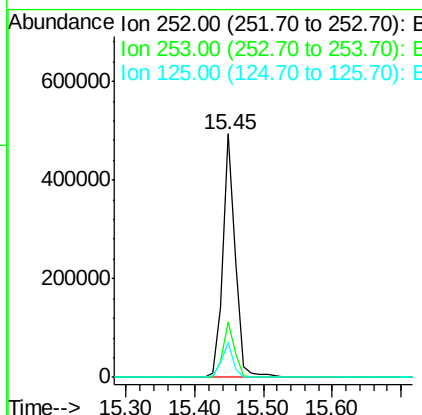
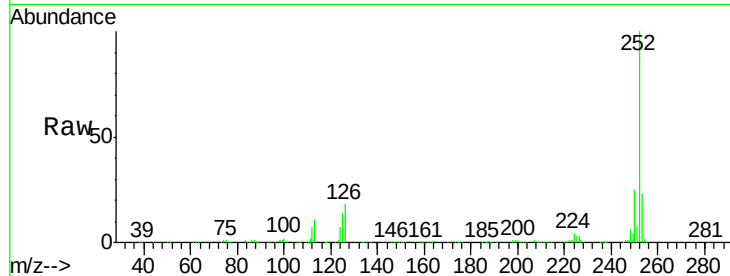
#89
Benzo(a)pyrene
Concen: 40.20 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Instrument :
BNA_F
ClientSampleId :
PB87192BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	14.4	11.0	16.6

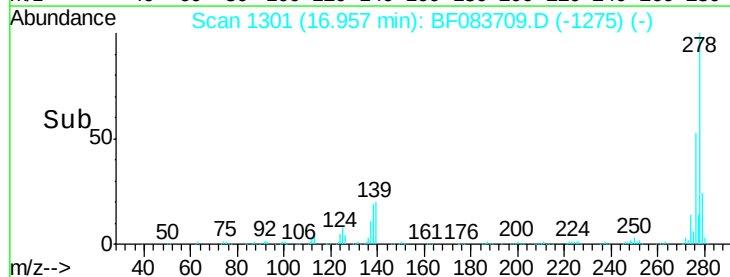
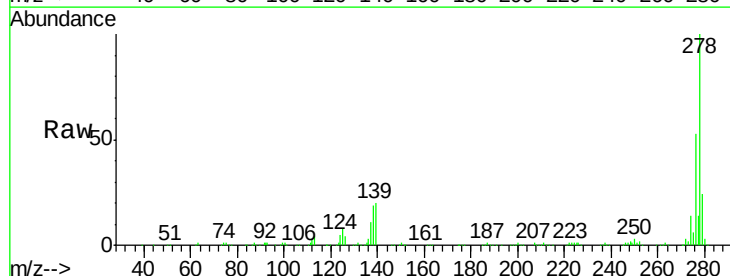
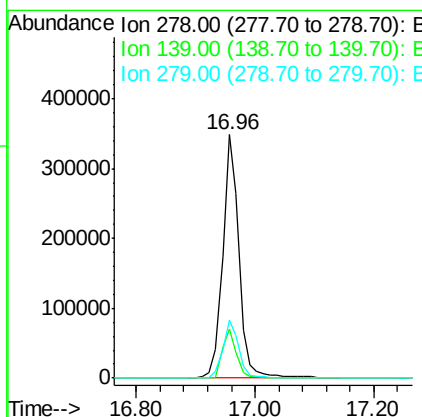
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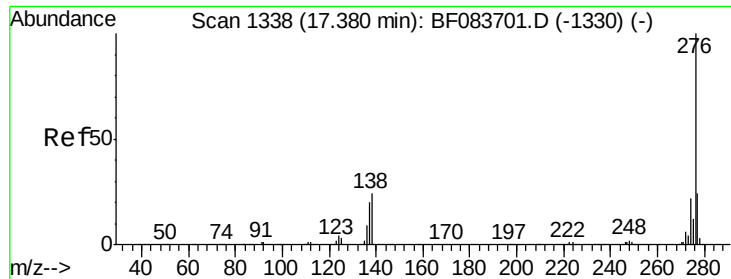
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#90
Dibenzo(a,h)anthracene
Concen: 42.73 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083709.D
Acq: 11 Dec 2015 21:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.4	12.8	19.2#
279	24.0	18.6	28.0





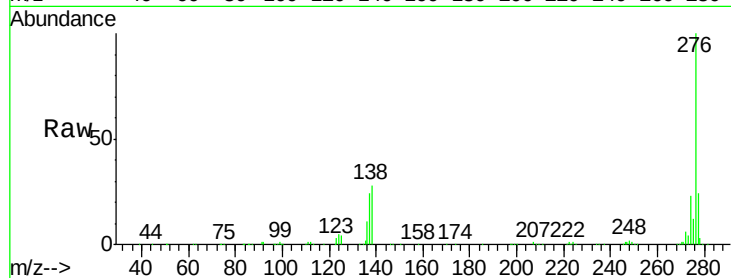
#91
 Benzo(a,h,i)perylene
 Concen: 41.82 ng
 RT: 17.37 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF083709.D
 Acq: 11 Dec 2015 21:56

Instrument :
 BNA_F
 ClientSampleId :
 PB87192BS

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	24.3	19.2	28.8
138	27.5	19.5	29.3

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

