

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083733.D
 Acq On : 13 Dec 2015 17:05
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Manual Integrations
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MMdadoda
 12/14/2015 6:23:39 PM

Quant Time: Dec 14 02:29:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126758	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	486946	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	231063	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	425614	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	291798	20.00	ng	-0.01
86) Perylene-d12	15.49	264	222355	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	612787	77.99	ng	-0.01
7) Phenol-d6	6.54	99	775605	77.95	ng	0.00
23) Nitrobenzene-d5	7.48	82	711861	81.79	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	186168	79.07	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1243201	76.48	ng	-0.01
78) Terphenyl-d14	13.01	244	1028047	75.78	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	150558	39.63	ng	# 81
3) Pyridine	3.29	79	392759	41.09	ng	84
4) n-Nitrosodimethylamine	3.23	42	144734	40.02	ng	# 64
6) Aniline	6.58	93	543373	40.20	ng	# 84
8) 2-Chlorophenol	6.70	128	387078	41.92	ng	# 81
9) Benzaldehyde	6.46	77	219817	41.13	ng	83
10) Phenol	6.56	94	456790	39.88	ng	# 75
11) bis(2-Chloroethyl)ether	6.65	93	315995	38.10	ng	96
12) 1,3-Dichlorobenzene	6.86	146	402215m	41.05	ng	
13) 1,4-Dichlorobenzene	6.93	146	386598	39.04	ng	97
14) 1,2-Dichlorobenzene	7.09	146	380556	42.77	ng	99
15) Benzyl Alcohol	7.06	79	315174	43.11	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	437487	40.62	ng	68
17) 2-Methylphenol	7.17	107	306910	41.34	ng	# 83
18) Hexachloroethane	7.44	117	142904	40.64	ng	# 84
19) n-Nitroso-di-n-propylamine	7.33	70	226232	37.13	ng	89
20) 3+4-Methylphenols	7.32	107	336282	38.37	ng	# 75
22) Acetophenone	7.33	105	501111	41.95	ng	# 87
24) Nitrobenzene	7.50	77	379281	41.87	ng	# 69
25) Isophorone	7.74	82	704108	41.23	ng	# 93
26) 2-Nitrophenol	7.81	139	174595	40.12	ng	90
27) 2,4-Dimethylphenol	7.86	122	352886	41.27	ng	94
28) bis(2-Chloroethoxy)methane	7.95	93	377612	38.75	ng	# 96
29) 2,4-Dichlorophenol	8.05	162	275518	39.25	ng	94
30) 1,2,4-Trichlorobenzene	8.14	180	294074	40.40	ng	97
31) Naphthalene	8.22	128	998347	39.33	ng	98
32) Benzoic acid	7.96	122	215924	40.52	ng	93
33) 4-Chloroaniline	8.27	127	452358	43.63	ng	# 88
34) Hexachlorobutadiene	8.35	225	170010	42.56	ng	98
35) Caprolactam	8.64	113	88683	39.34	ng	# 71
36) 4-Chloro-3-methylphenol	8.75	107	354269	43.14	ng	88
37) 2-Methylnaphthalene	8.91	142	643778	40.40	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	266262	39.06	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	152974	44.29	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.20	196	201207	40.33	nq	97
43) 2,4,5-Trichlorophenol	9.23	196	208159	43.98	nq	95
45) 1,1'-Biphenyl	9.38	154	802353	39.18	nq	97
46) 2-Chloronaphthalene	9.40	162	601045	39.76	nq	# 91
47) 2-Nitroaniline	9.49	65	203092	47.37	nq	# 68
48) Acenaphthylene	9.81	152	988041	38.85	nq	99
49) Dimethylphthalate	9.68	163	698990	38.80	nq	100
50) 2,6-Dinitrotoluene	9.73	165	155204	40.59	nq	91
51) Acenaphthene	10.00	154	615614	40.04	nq	93
52) 3-Nitroaniline	9.90	138	198631	45.06	nq	# 64
53) 2,4-Dinitrophenol	10.00	184	57440	38.45	nq	# 1
54) Dibenzofuran	10.16	168	780141	38.30	nq	# 90
55) 4-Nitrophenol	10.05	139	158978	48.71	nq	# 78
56) 2,4-Dinitrotoluene	10.13	165	203051	40.66	nq	# 82
57) Fluorene	10.50	166	597452	37.24	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	142441	40.12	nq	# 100
59) Diethylphthalate	10.37	149	738045	40.47	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	312653	42.74	nq	95
61) 4-Nitroaniline	10.51	138	159453	41.04	nq	93
62) Azobenzene	10.65	77	701514	42.20	nq	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	114037	47.09	nq	# 57
65) n-Nitrosodiphenylamine	10.61	169	621254	42.68	nq	98
66) 4-Bromophenyl-phenylether	10.98	248	189020	39.72	nq	# 77
67) Hexachlorobenzene	11.05	284	200265	38.89	nq	# 88
68) Atrazine	11.14	200	196068	47.34	nq	99
69) Pentachlorophenol	11.24	266	130427	44.91	nq	98
70) Phenanthrene	11.46	178	899872	39.80	nq	99
71) Anthracene	11.52	178	988108	42.08	nq	100
72) Carbazole	11.66	167	931562	42.58	nq	98
73) Di-n-butylphthalate	12.00	149	1056229	39.75	nq	99
74) Fluoranthene	12.65	202	938593	40.18	nq	96
76) Benzidine	12.76	184	398666	44.84	nq	99
77) Pyrene	12.87	202	938309	40.68	nq	98
79) Butylbenzylphthalate	13.49	149	425891	43.03	nq	# 82
80) Benzo(a)anthracene	14.05	228	662629	39.94	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	240511	40.18	nq	# 95
82) Chrysene	14.09	228	642464	39.70	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	462750	41.08	nq	99
84) Di-n-octyl phthalate	14.66	149	745681	41.65	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.92	276	657781	41.38	nq	# 100
87) Benzo(b)fluoranthene	15.08	252	545619	38.46	nq	# 98
88) Benzo(k)fluoranthene	15.12	252	570148m	44.36	nq	
89) Benzo(a)pyrene	15.44	252	526574	41.60	nq	100
90) Dibenzo(a,h)anthracene	16.95	278	546431	43.41	nq	97
91) Benzo(g,h,i)perylene	17.36	276	561924	43.43	nq	100

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

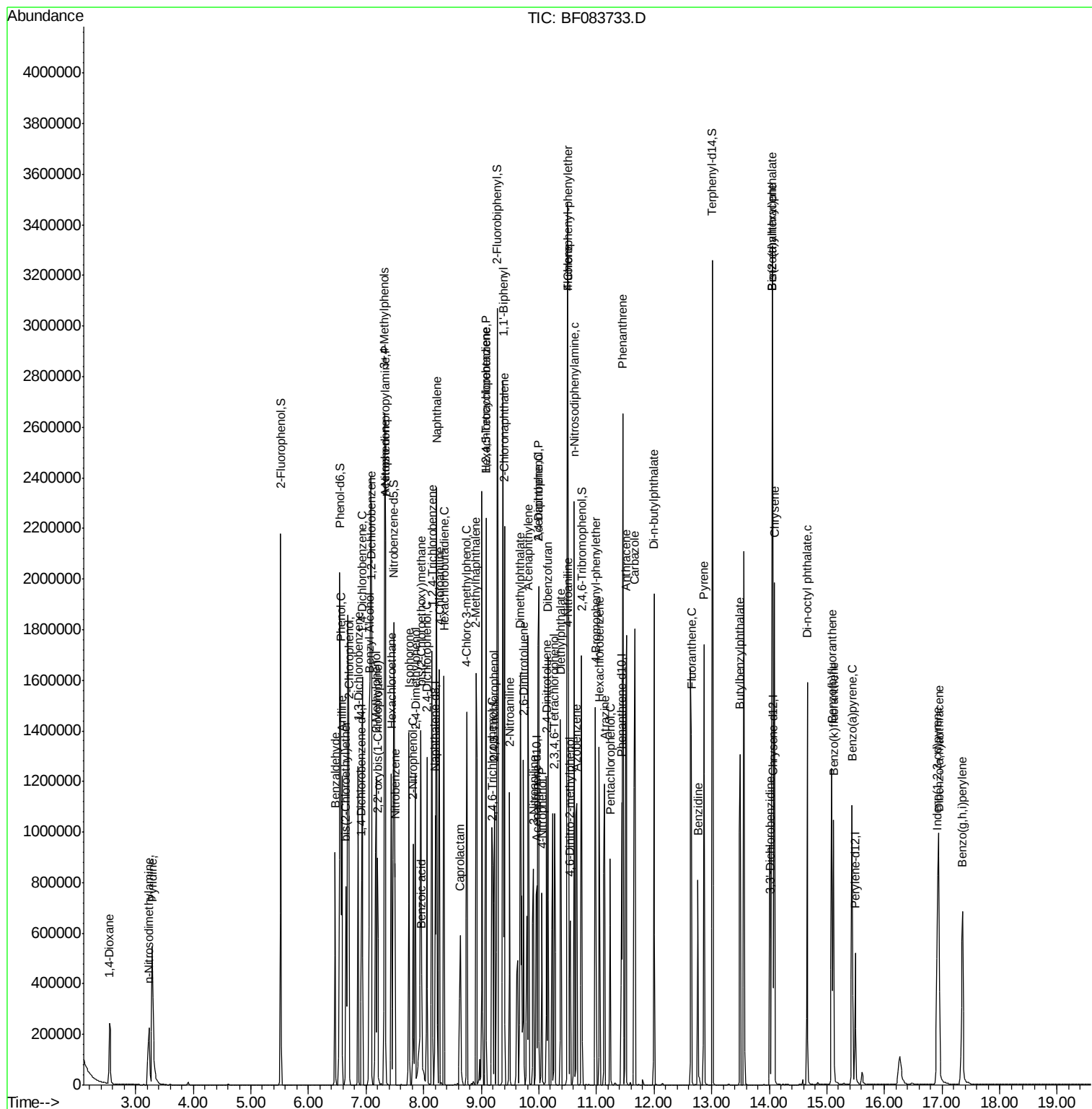
Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
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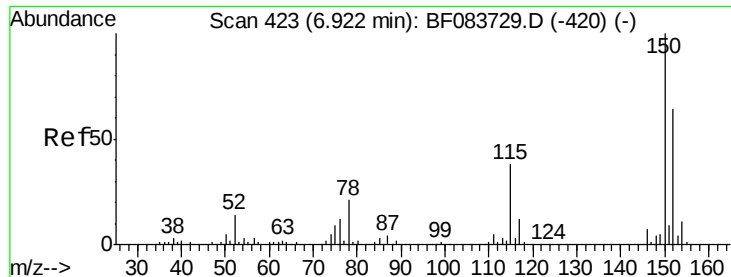
Instrument :
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#1

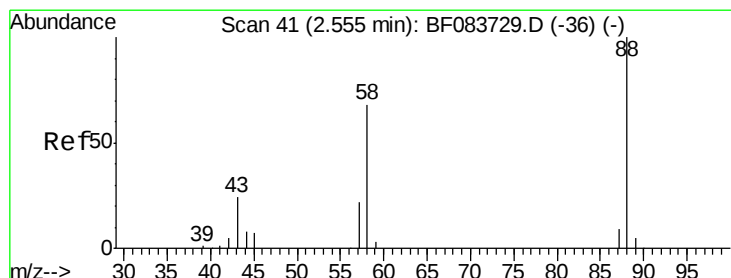
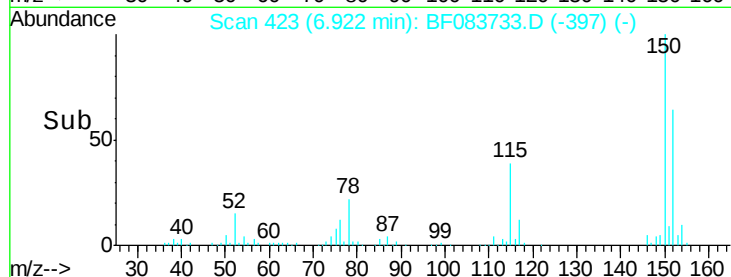
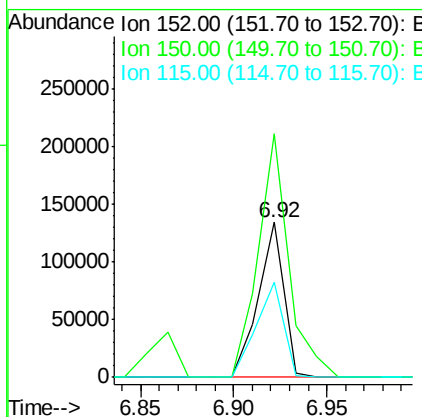
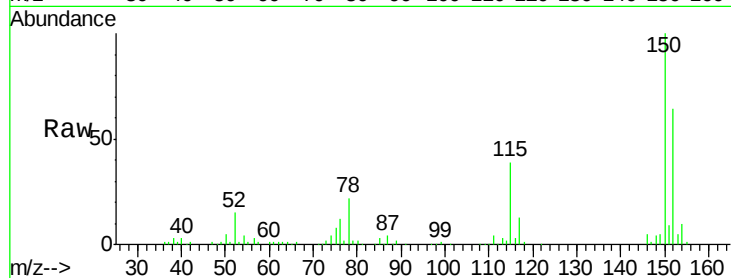
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	126.5	189.7
115	61.0	52.3	78.5

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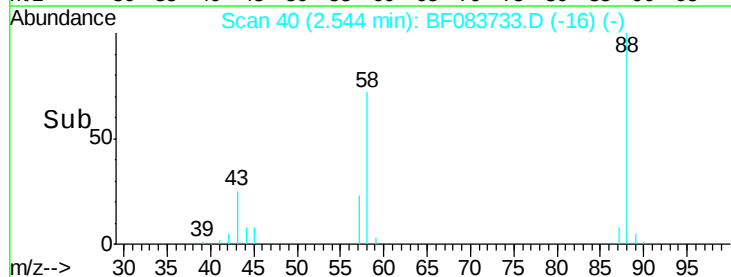
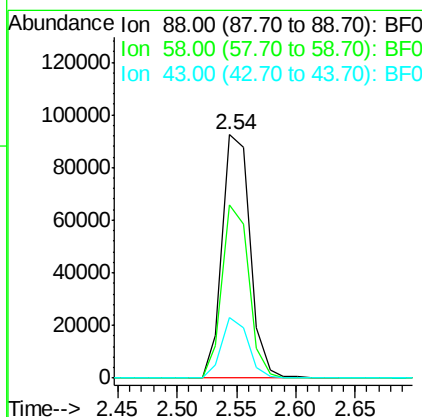
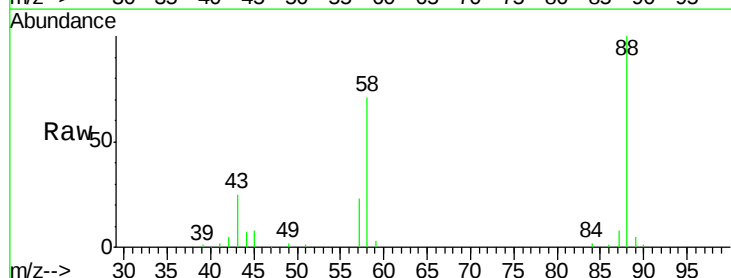
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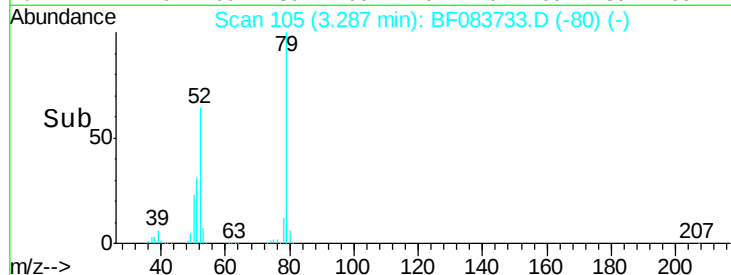
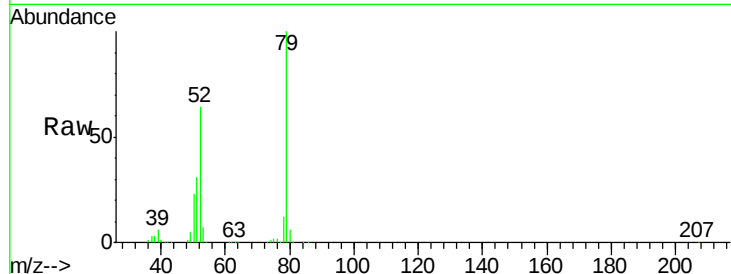
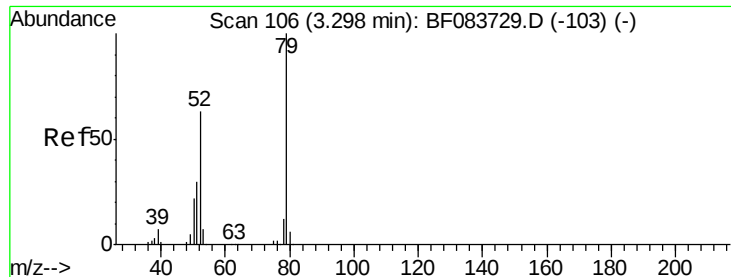


#2

1,4-Dioxane
Concen: 39.63 ng
RT: 2.54 min Scan# 40
Delta R.T. -0.02 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.3	68.0	102.0
43	23.5	27.9	41.9#





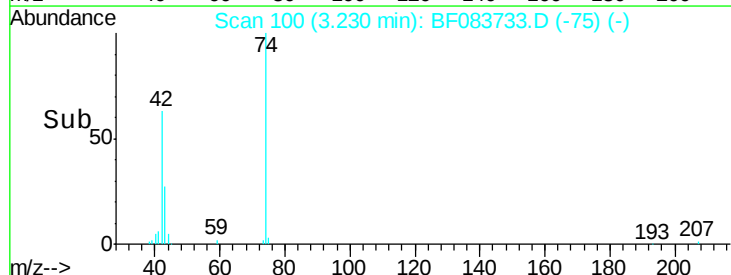
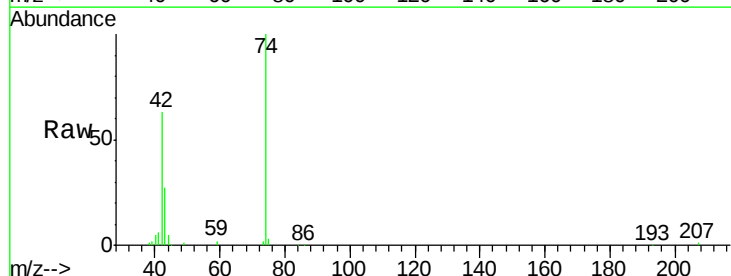
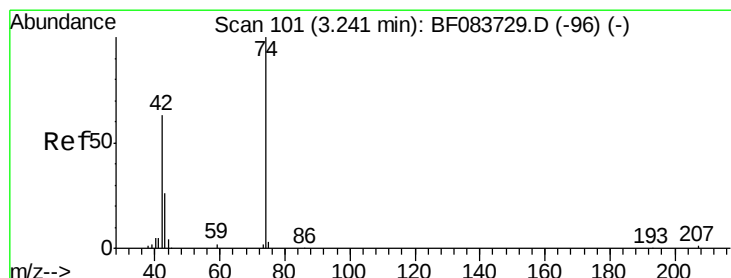
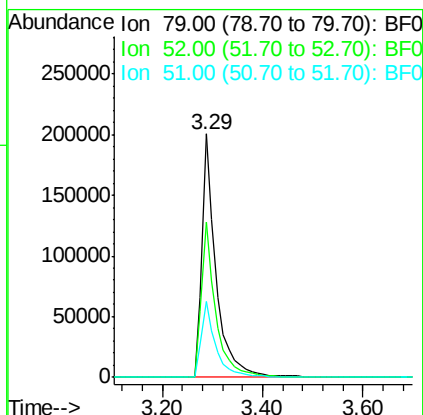
#3
 Pvridine
 Concen: 41.09 ng
 RT: 3.29 min Scan# 105
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tot Ion:	79	Resp:	392759
Ion Ratio	Lower	Upper	
79	100		
52	63.9	63.7	95.5
51	31.0	30.6	45.8

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

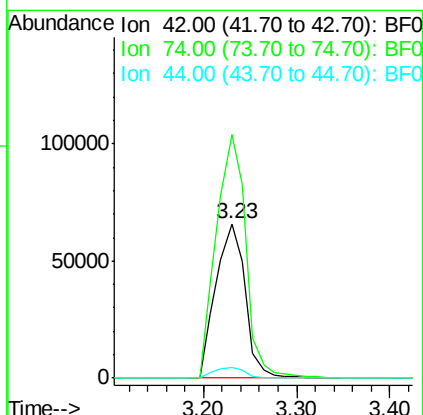
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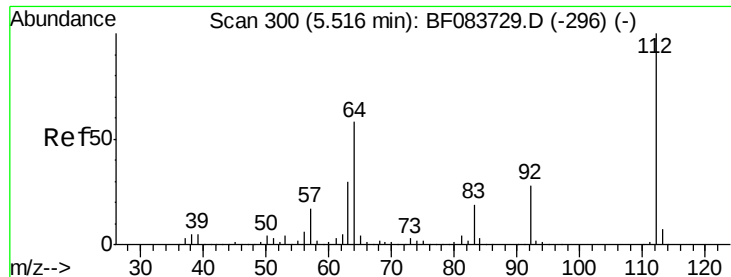
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#4
 n-Nitrosodimethylamine
 Concen: 40.02 ng
 RT: 3.23 min Scan# 100
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:	42	Resp:	144734
Ion Ratio	Lower	Upper	
42	100		
74	157.5	92.9	139.3#
44	7.3	5.7	8.5





#5

2-Fluorophenol

Concen: 77.99 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

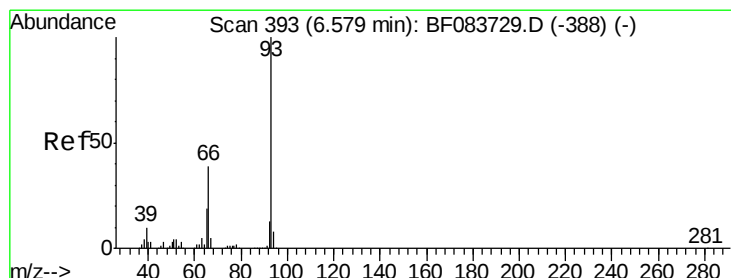
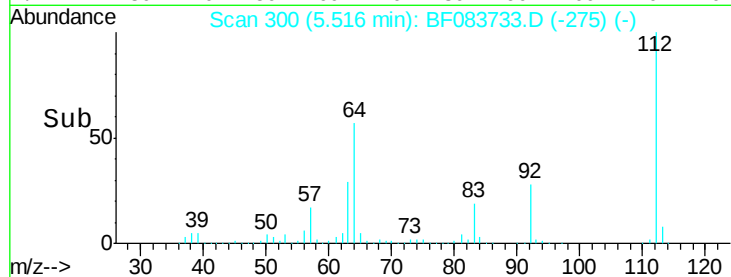
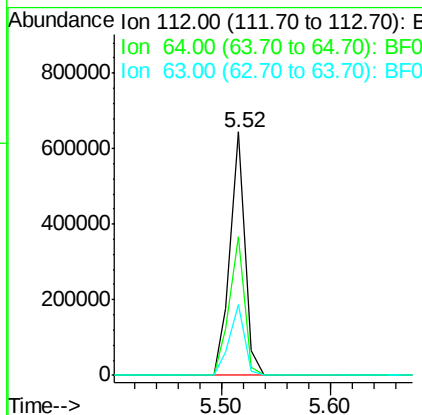
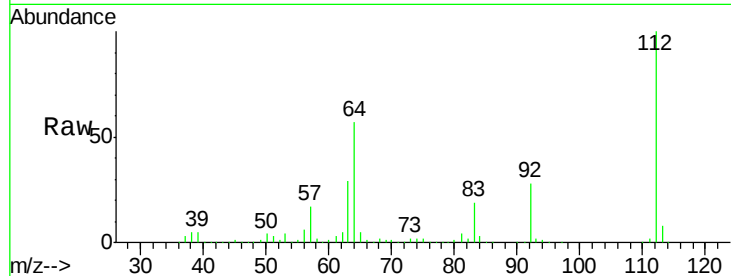
ClientSampleId :

ICVBF121315

Tot Ion:	112	Resp:	612787
Ion Ratio	Lower	Upper	
112	100		
64	57.1	50.5	75.7
63	29.3	25.8	38.6

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#6

Aniline

Concen: 40.20 ng

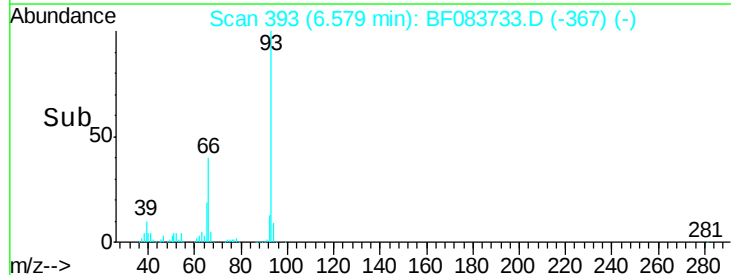
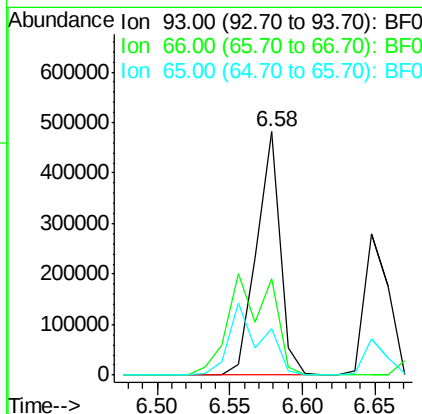
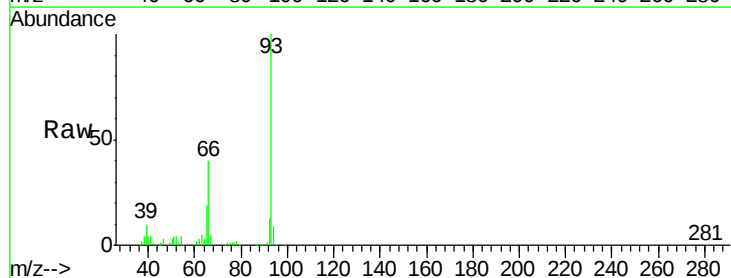
RT: 6.58 min Scan# 393

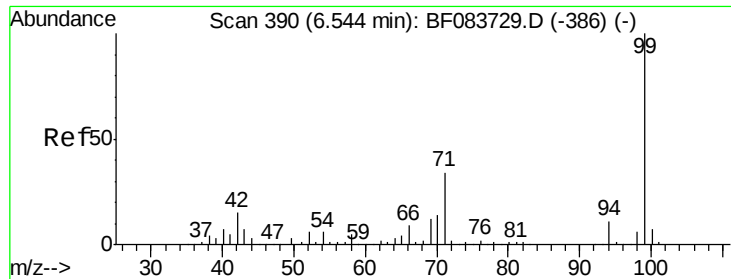
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	93	Resp:	543373
Ion Ratio	Lower	Upper	
93	100		
66	39.6	41.3	61.9#
65	19.0	20.8	31.2#





#7

Phenol-d6

Concen: 77.95 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

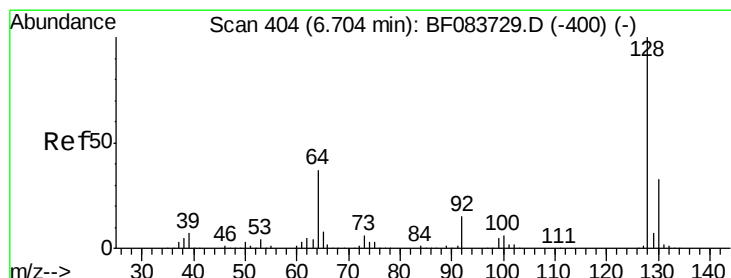
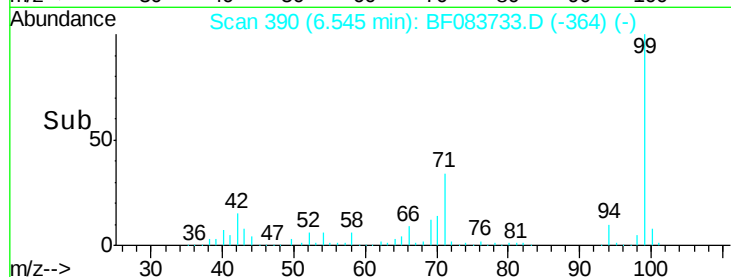
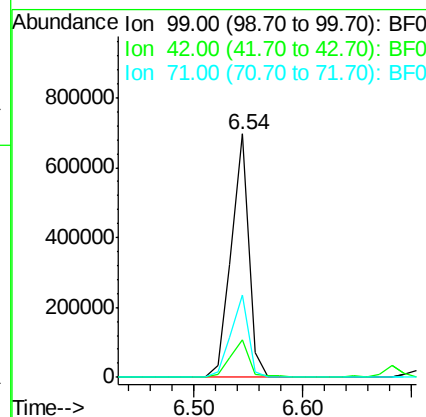
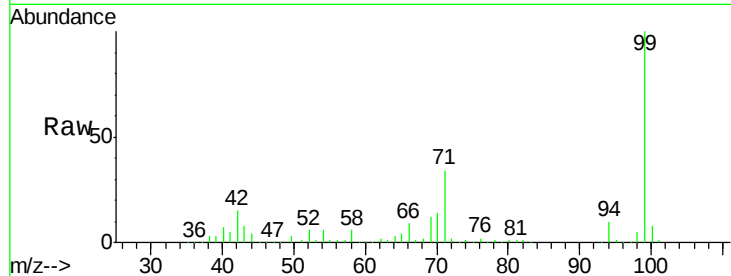
ICVBF121315

Tot Ion: 99 Resp: 775605

Ion	Ratio	Lower	Upper
99	100		
42	15.3	17.3	25.9#
71	33.9	26.6	40.0

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#8

2-Chlorophenol

Concen: 41.92 ng

RT: 6.70 min Scan# 404

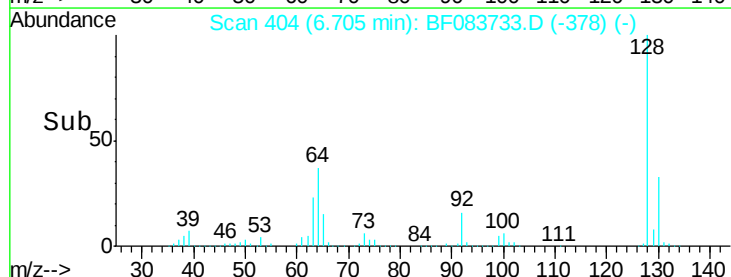
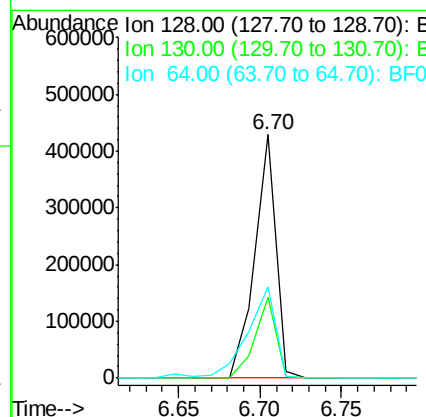
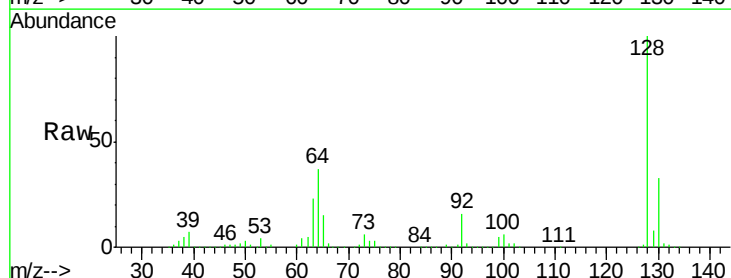
Delta R.T. 0.00 min

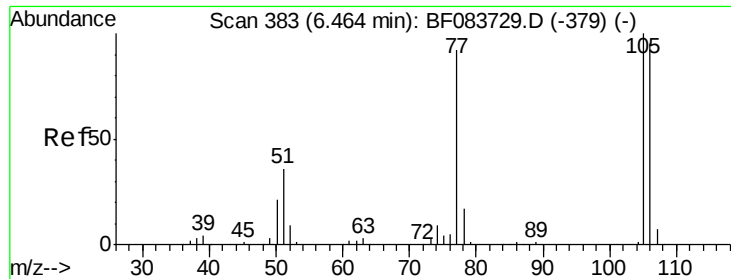
Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion: 128 Resp: 387078

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.6	52.6
64	37.4	38.6	78.6#





#9

Benzaldehyde

Concen: 41.13 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

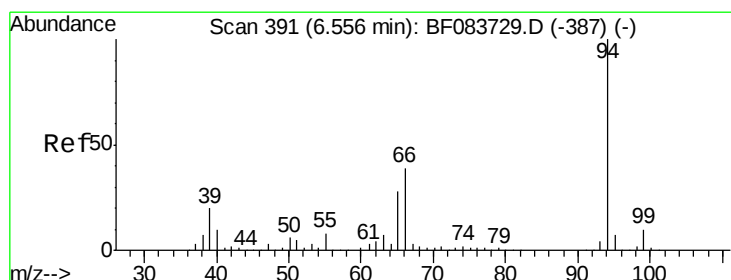
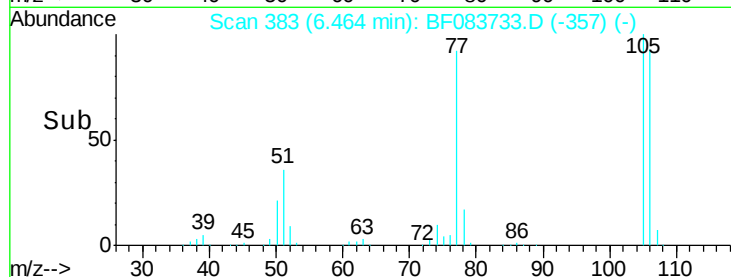
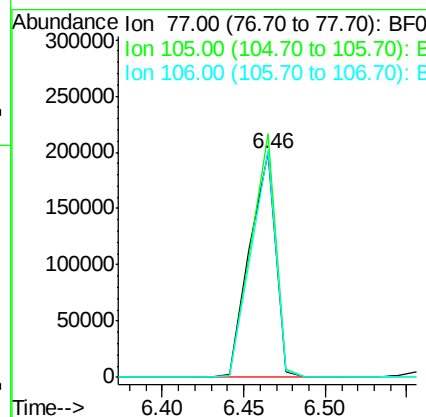
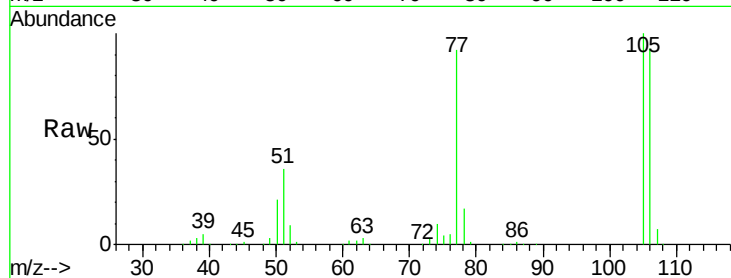
ClientSampleId :

ICVBF121315

Tot Ion:	77	Resp:	219817
Ion Ratio	Lower	Upper	
77	100		
105	108.5	71.8	111.8
106	101.4	66.8	106.8

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#10

Phenol

Concen: 39.88 ng

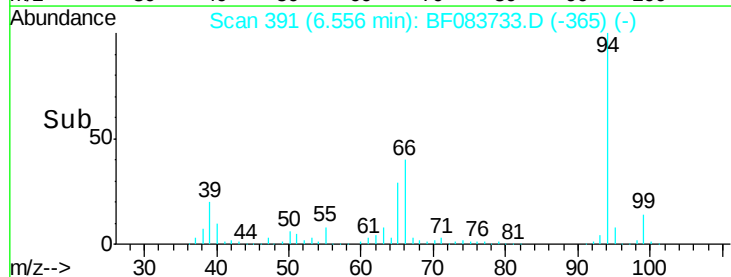
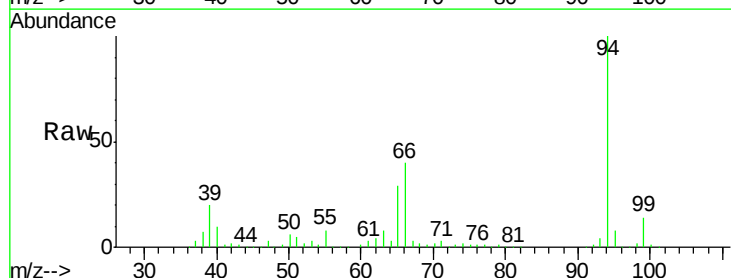
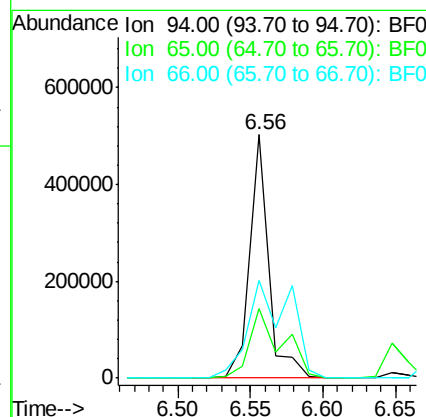
RT: 6.56 min Scan# 391

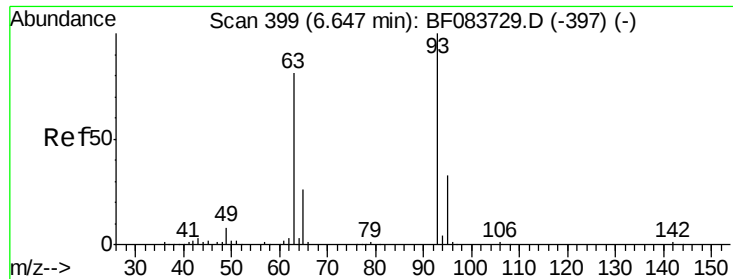
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	94	Resp:	456790
Ion Ratio	Lower	Upper	
94	100		
65	28.6	20.9	60.9
66	39.9	41.6	81.6#





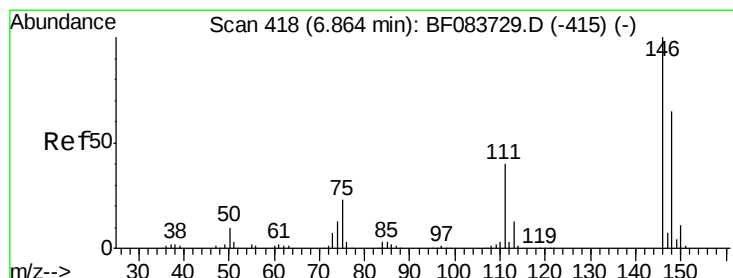
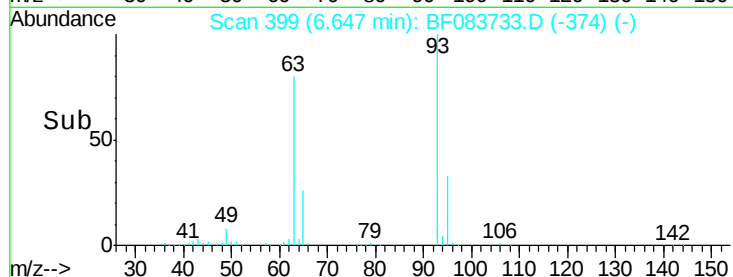
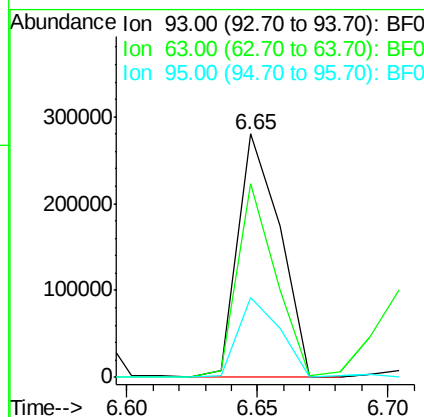
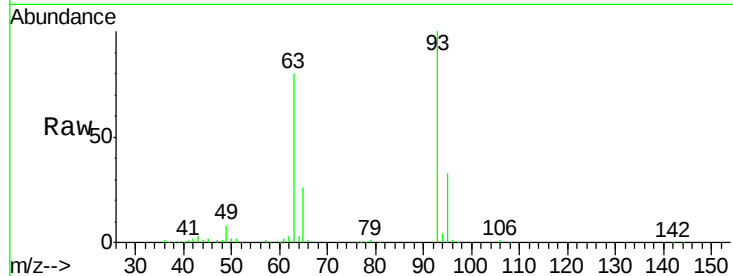
#11
bis(2-Chloroethyl)ether
Concen: 38.10 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
93	100		
63	79.8	64.7	104.7
95	32.6	12.7	52.7

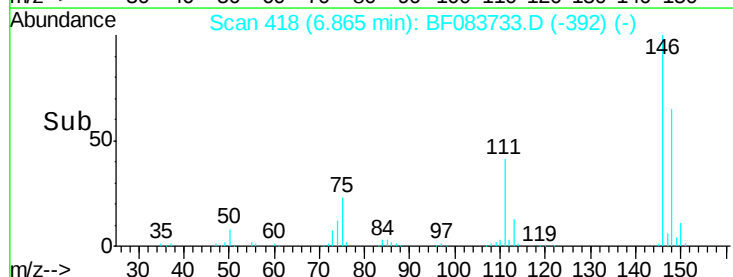
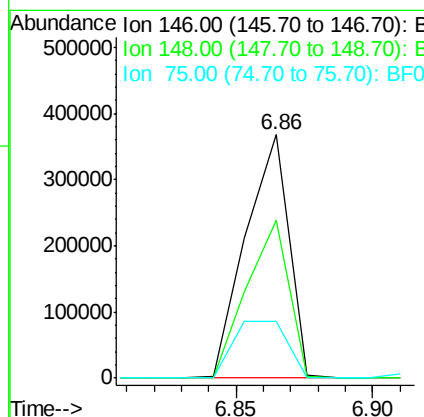
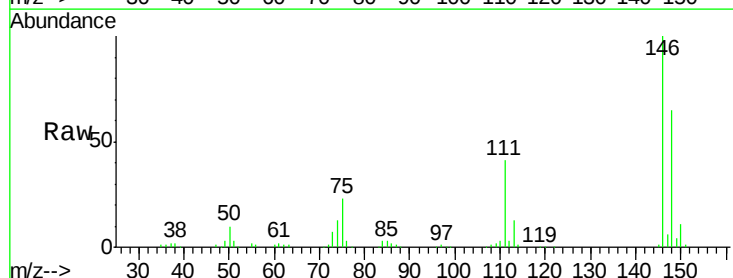
Manual Integrations
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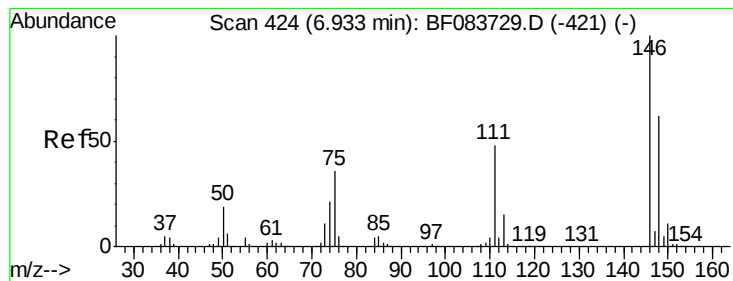
MMdadoda
12/14/2015 6:23:39 PM



#12
1,3-Dichlorobenzene
Concen: 41.05 ng m
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.3	76.9
75	23.2	24.1	36.1





#13

1,4-Dichlorobenzene

Concen: 39.04 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

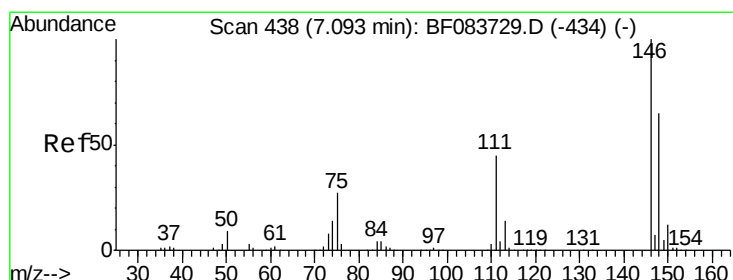
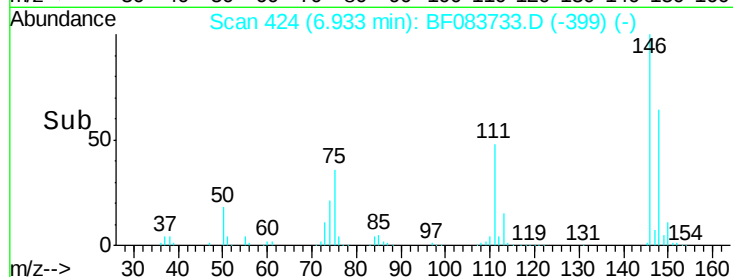
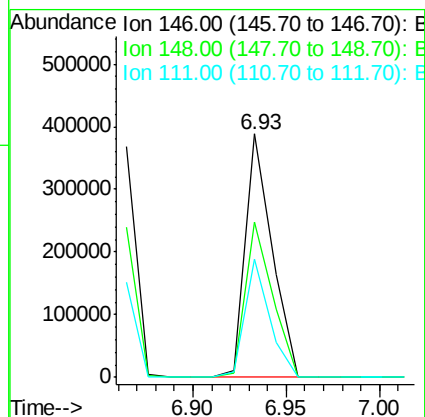
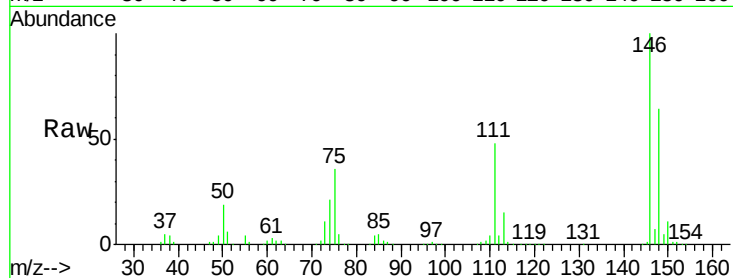
ClientSampleId :

ICVBF121315

Tot Ion:	146	Resp:	386598
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	76.0
111	48.5	36.1	54.1

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#14

1,2-Dichlorobenzene

Concen: 42.77 ng

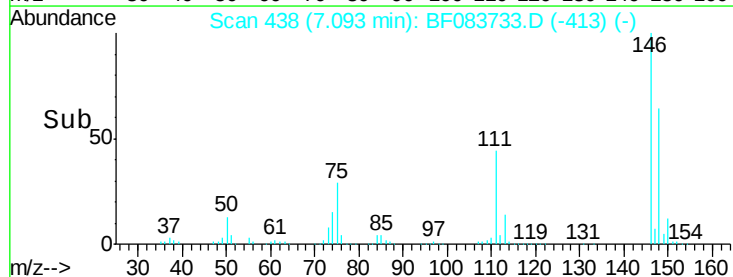
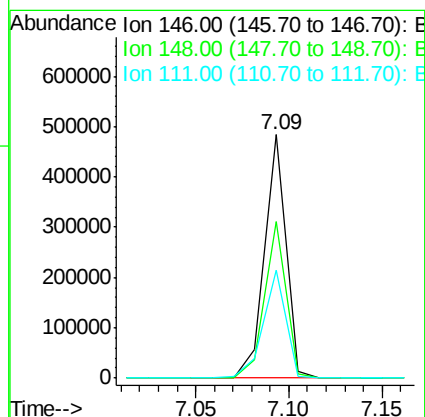
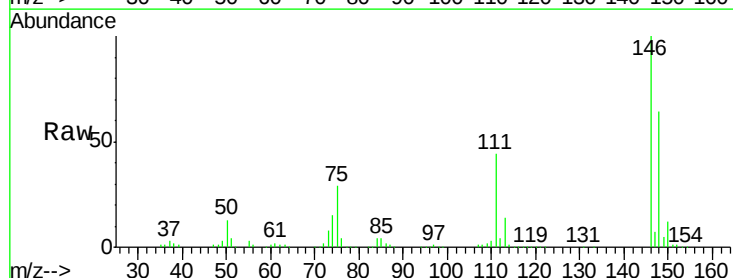
RT: 7.09 min Scan# 438

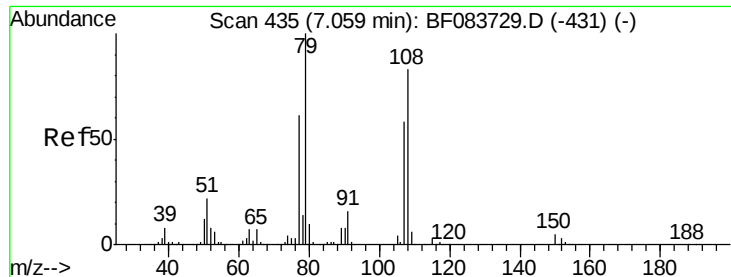
Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	146	Resp:	380556
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.4	77.0
111	44.4	36.7	55.1





#15

Benzyl Alcohol

Concen: 43.11 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

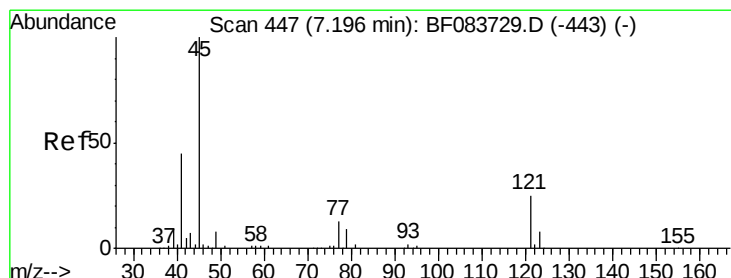
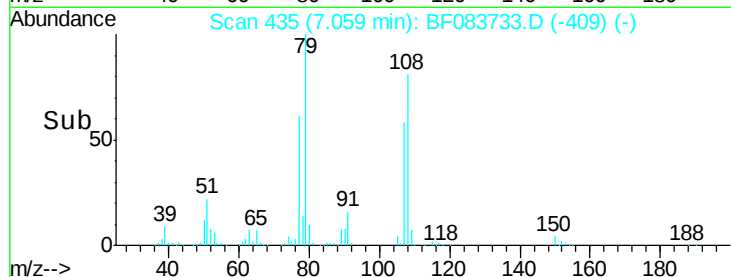
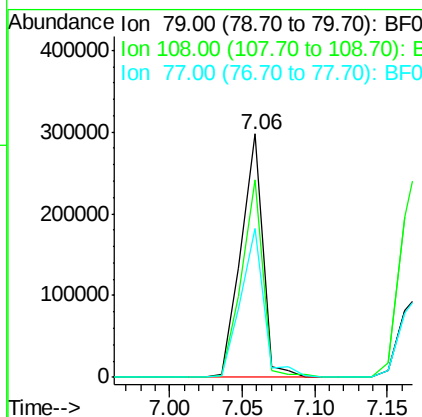
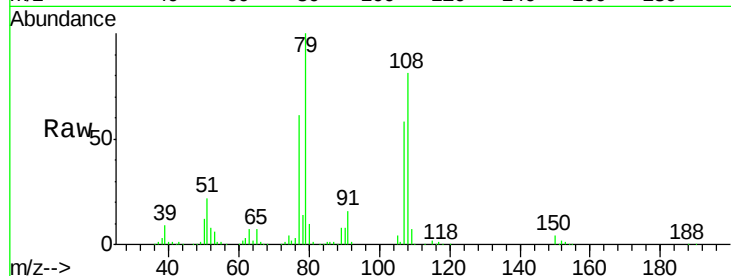
ClientSampleId :

ICVBF121315

Tot Ion:	79	Resp:	315174
Ion Ratio	Lower	Upper	
79	100		
108	81.0	59.6	89.4
77	61.3	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.62 ng

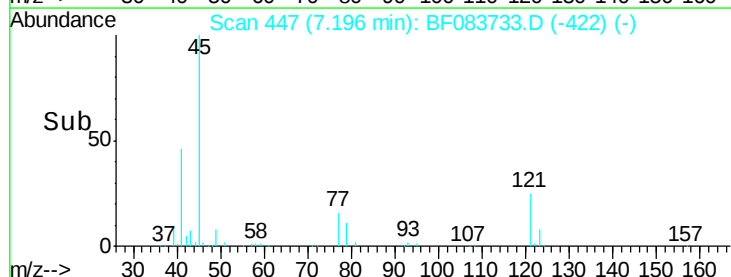
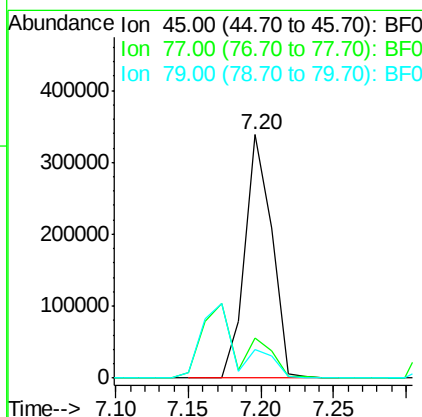
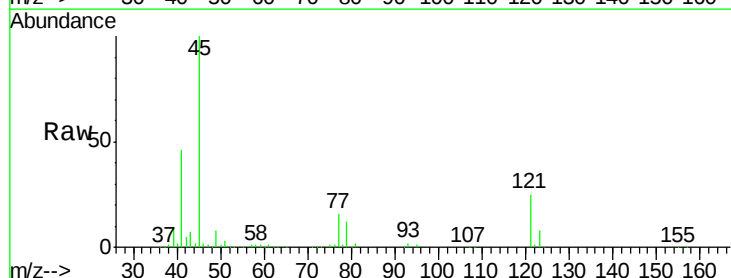
RT: 7.20 min Scan# 447

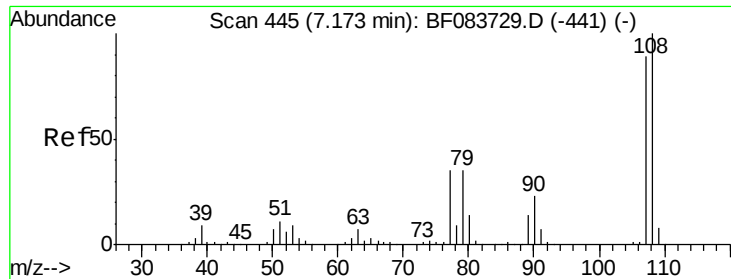
Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	45	Resp:	437487
Ion Ratio	Lower	Upper	
45	100		
77	16.4	12.8	52.8
79	11.6	10.7	50.7





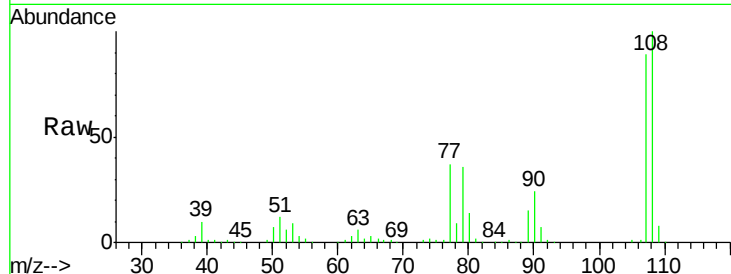
#17
2-Methylphenol
Concen: 41.34 ng
RT: 7.17 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	91.6	137.4	
77	41.2	53.7	80.5#	
79	40.7	50.2	75.4#	

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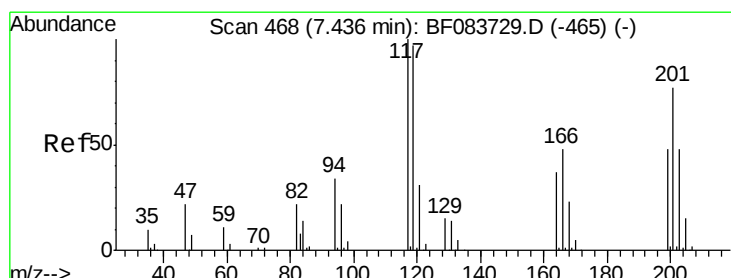
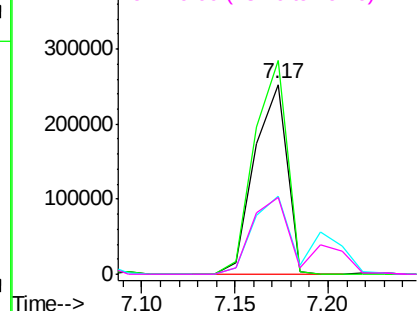
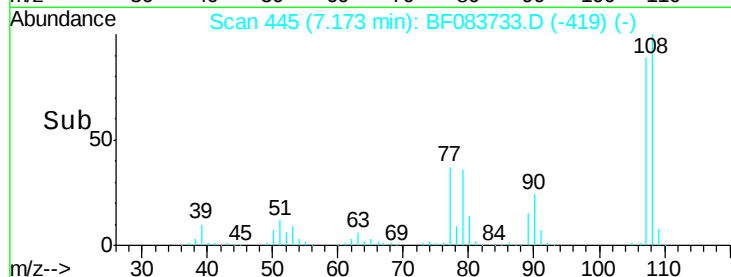
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

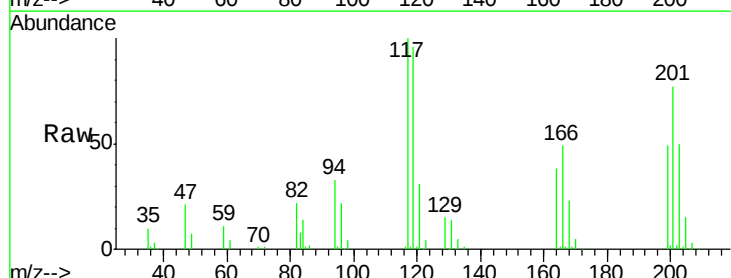
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 40.64 ng
RT: 7.44 min Scan# 468
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	77.2	115.8	
201	77.3	86.8	130.2#	

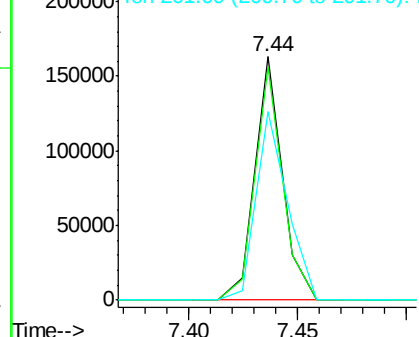
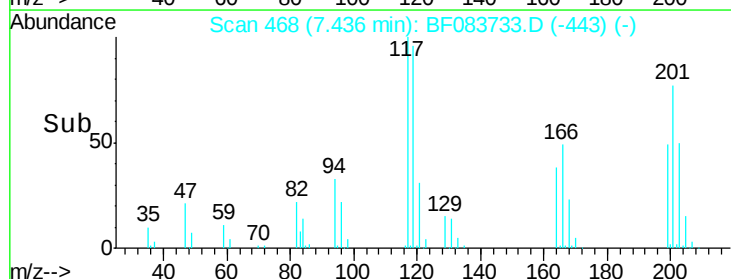


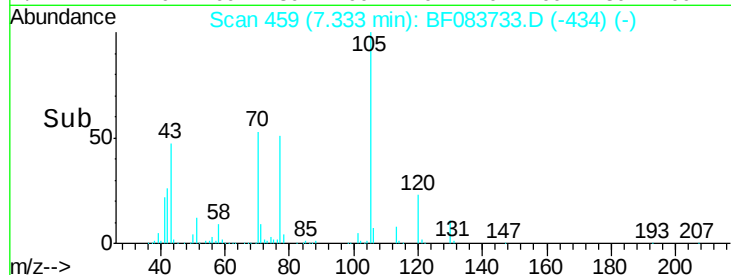
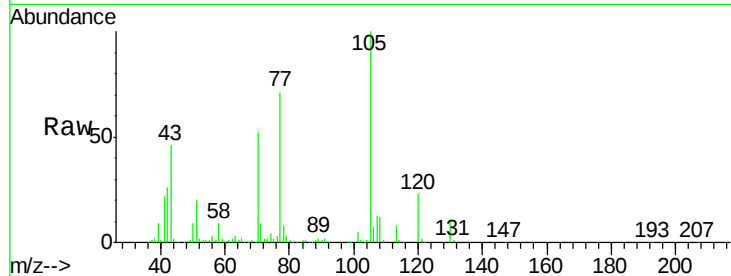
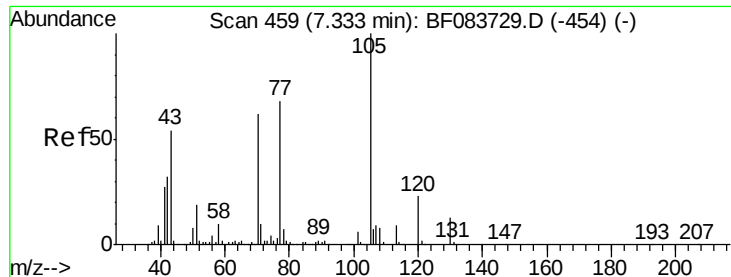
Abundance

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





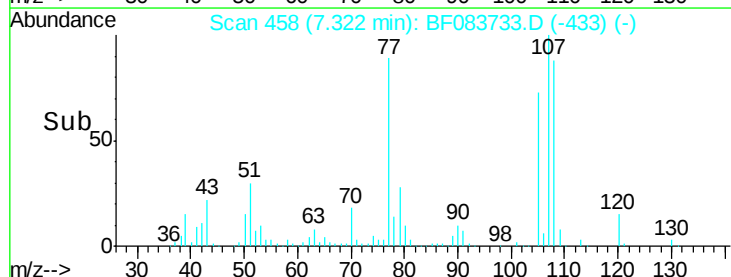
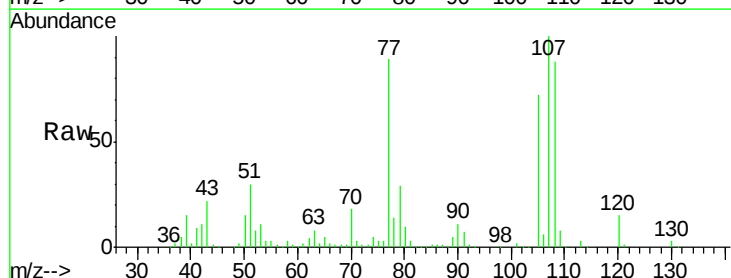
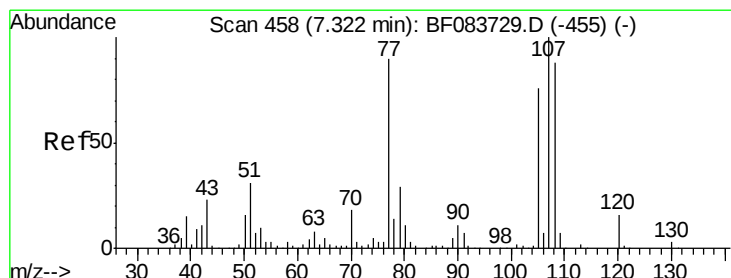
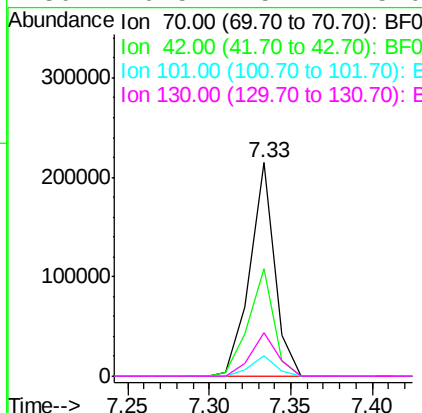
#19
n-Nitroso-di-n-propylamine
Concen: 37.13 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	70	Resp	226232
Ion Ratio	Lower	Upper	
70	100		
42	50.2	49.2	73.8
101	9.5	7.1	10.7
130	20.5	15.4	23.0

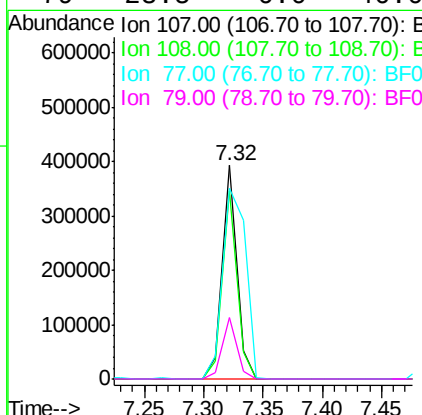
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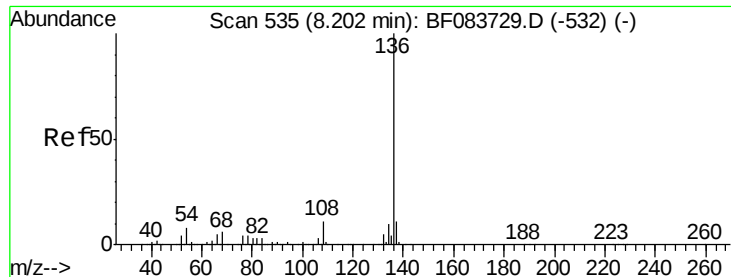
MMdadoda
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#20
3+4-Methylphenols
Concen: 38.37 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	107	Resp	336282
Ion Ratio	Lower	Upper	
107	100		
108	87.9	65.2	105.2
77	89.3	15.2	55.2#
79	28.5	6.0	46.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF083733.D

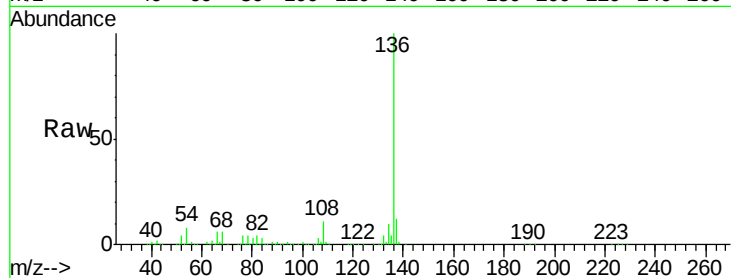
Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

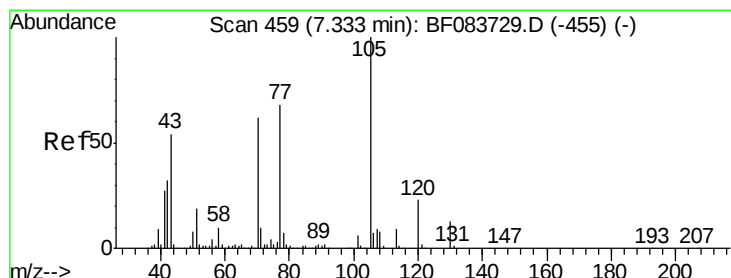
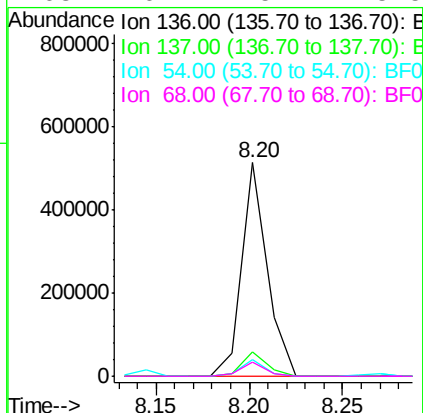
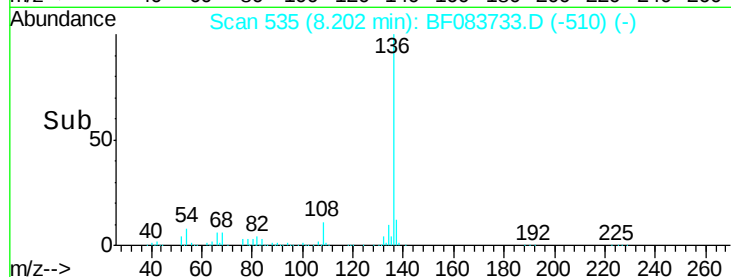
ICVBF121315



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.5	8.7	13.1	
54	7.7	7.8	11.6	
68	6.4	5.7	8.5	

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#22

Acetophenone

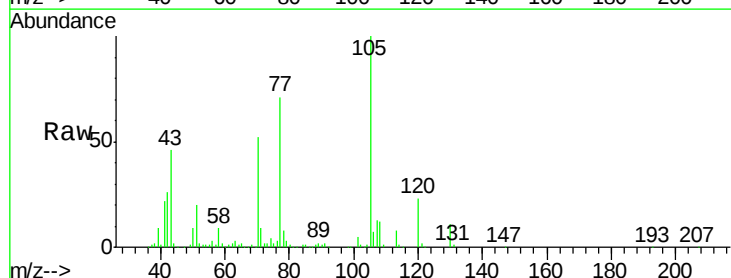
Concen: 41.95 ng

RT: 7.33 min Scan# 459

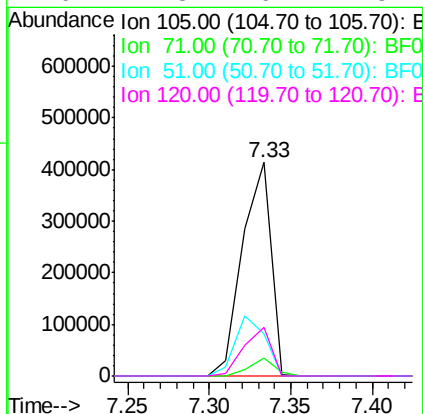
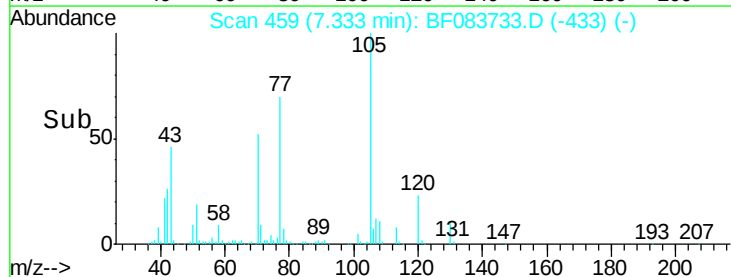
Delta R.T. 0.00 min

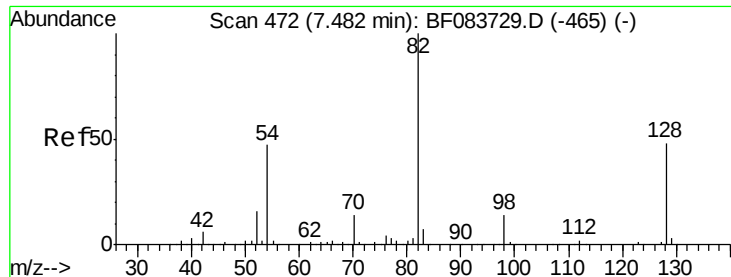
Lab File: BF083733.D

Acq: 13 Dec 2015 17:05



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.7	1.3	1.9	
51	19.5	23.8	35.8	
120	22.8	16.7	25.1	





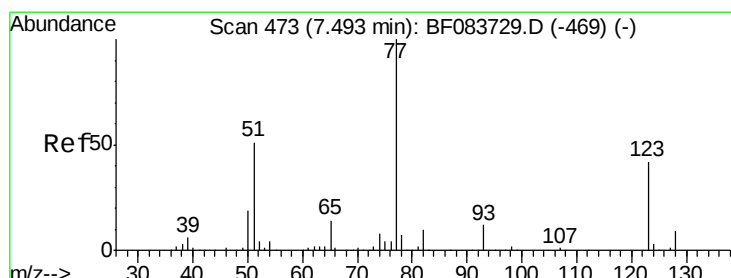
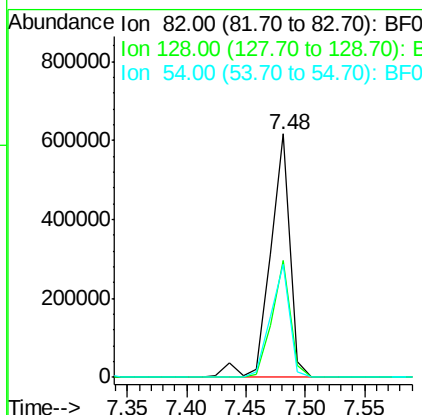
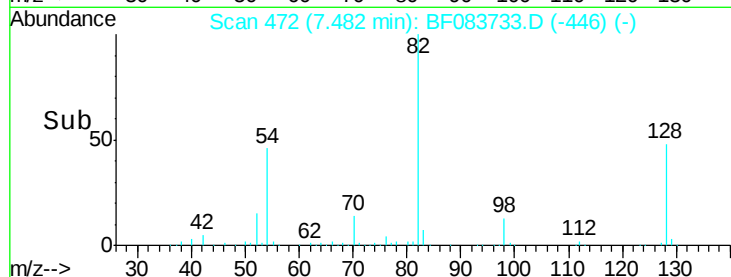
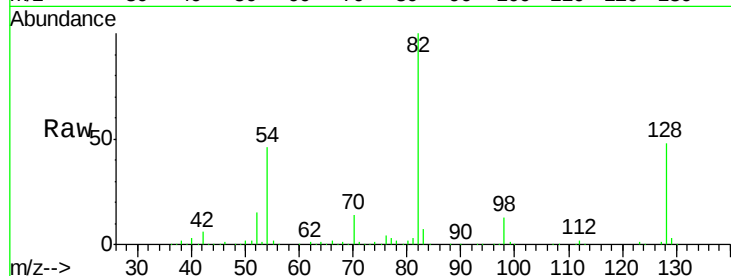
#23
Nitrobenzene-d5
Concen: 81.79 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.9	30.7	46.1#
54	46.3	42.5	63.7

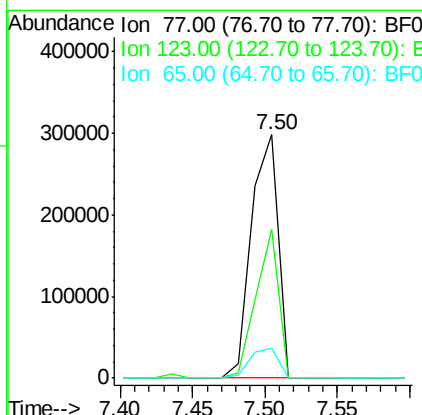
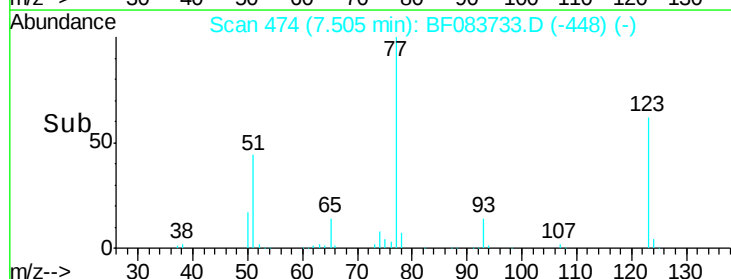
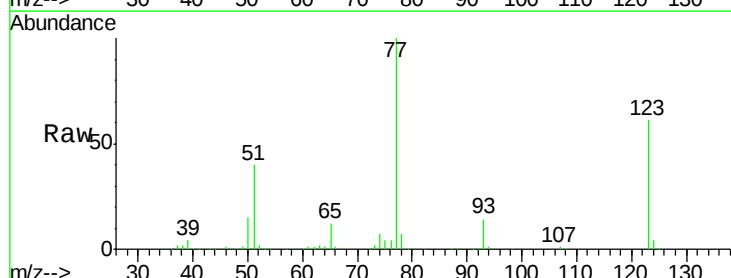
Manual Integrations
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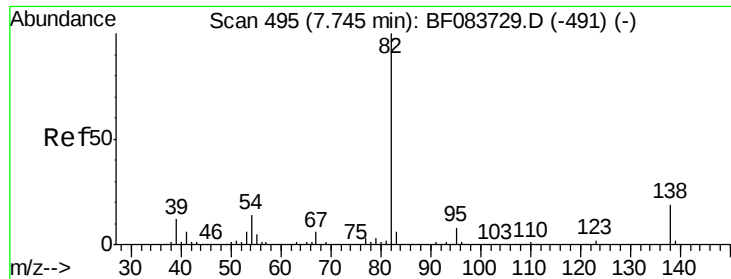
MMdadoda
12/14/2015 6:23:39 PM



#24
Nitrobenzene
Concen: 41.87 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
77	100		
123	61.4	29.8	44.6#
65	12.2	11.1	16.7





#25

Isophorone

Concen: 41.23 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

ICVBF121315

Tot Ion: 82 Resp: 704108

Ion Ratio Lower Upper

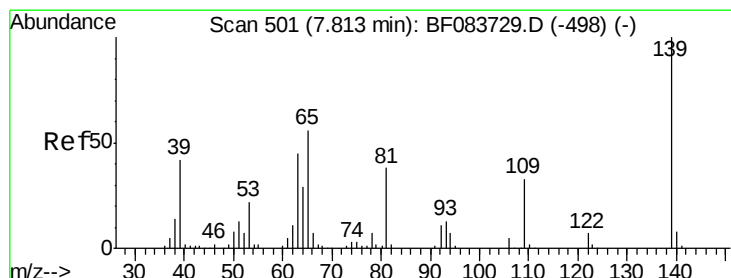
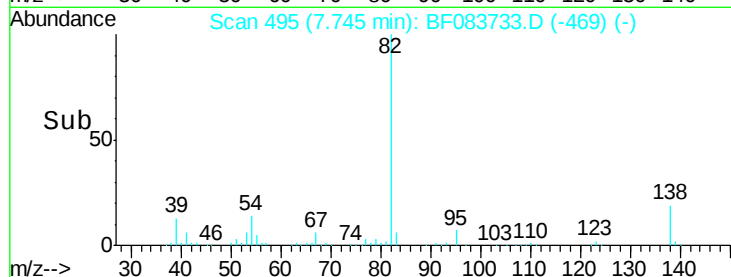
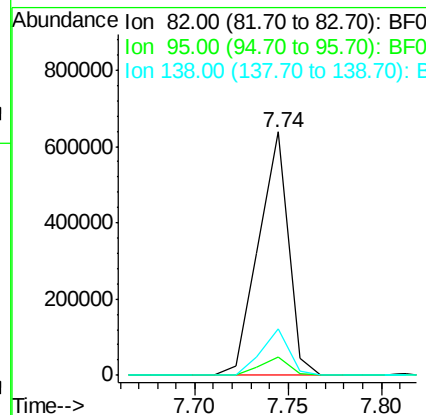
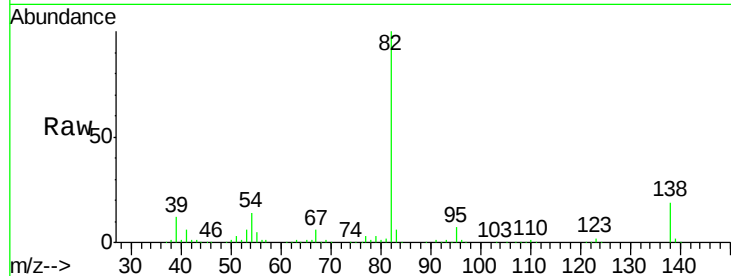
82 100

95 7.3 5.0 7.4

138 18.9 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.12 ng

RT: 7.81 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

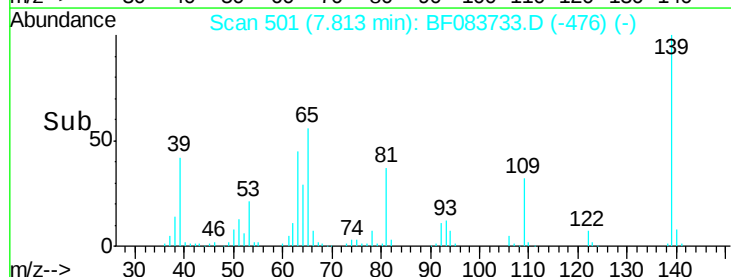
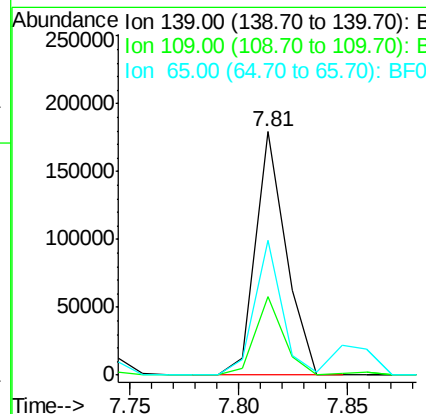
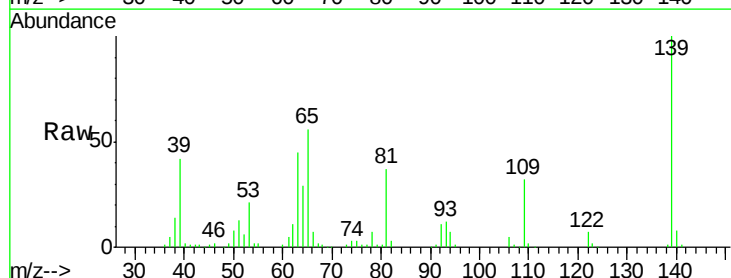
Tgt Ion: 139 Resp: 174595

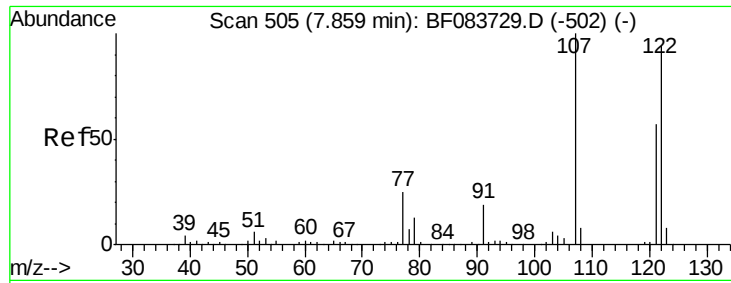
Ion Ratio Lower Upper

139 100

109 32.1 22.7 34.1

65 55.6 51.8 77.8





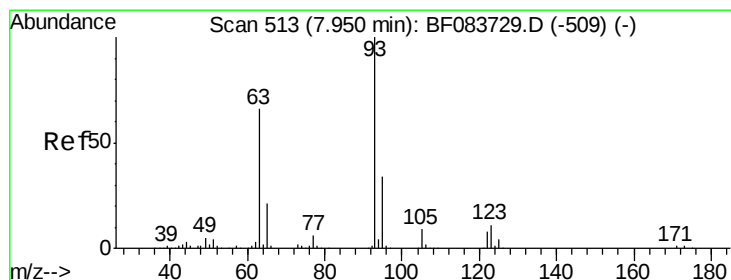
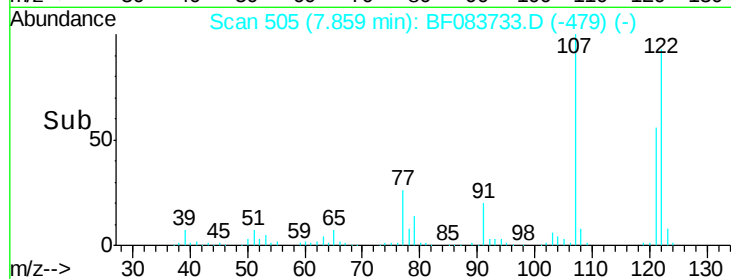
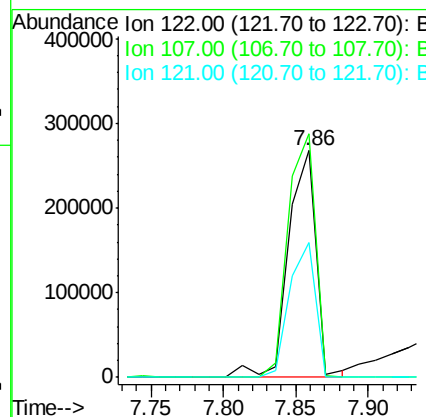
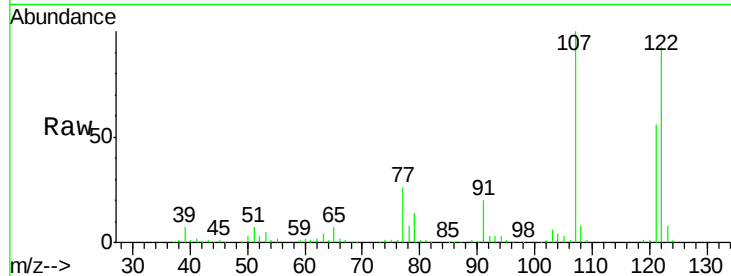
#27
 2,4-Dimethylphenol
 Concen: 41.27 ng
 RT: 7.86 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
122	100	352886		
107	107.3	92.4	138.6	
121	59.6	45.8	68.6	

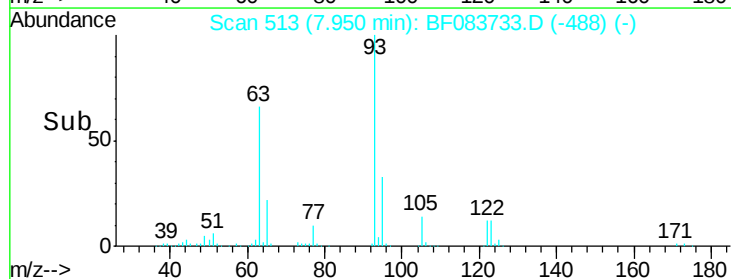
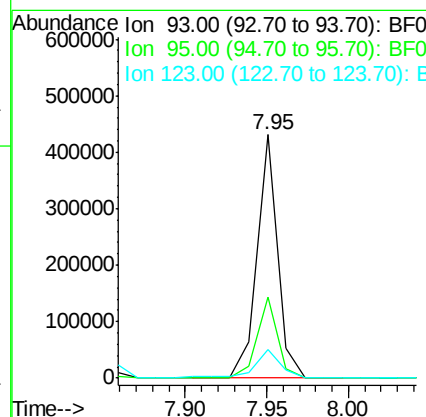
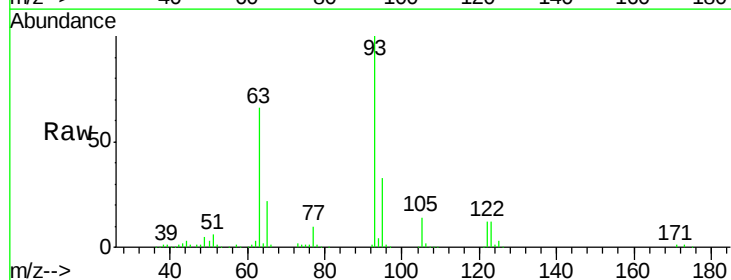
Manual Integrations
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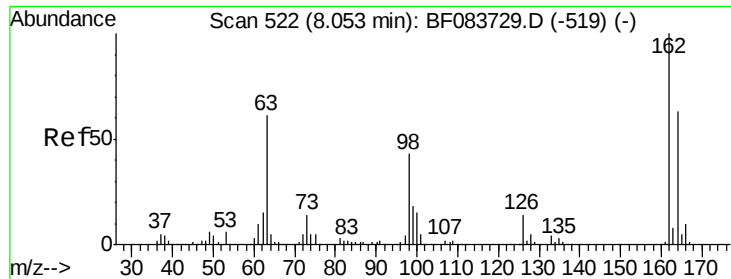
MMdadoda
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#28
 bis(2-Chloroethoxy)methane
 Concen: 38.75 ng
 RT: 7.95 min Scan# 513
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	377612		
95	33.4	25.6	38.4	
123	11.7	7.3	10.9	





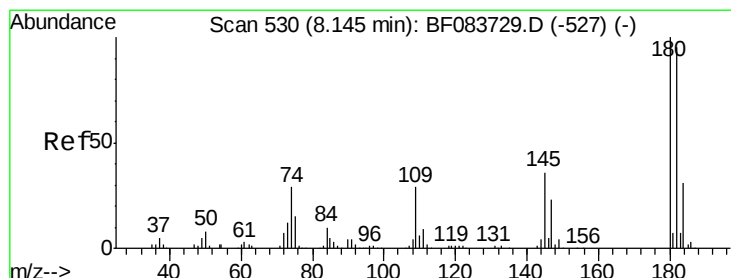
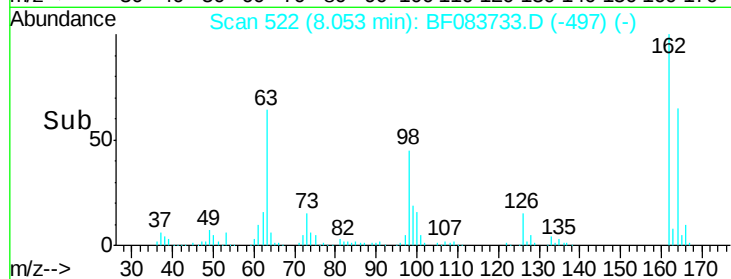
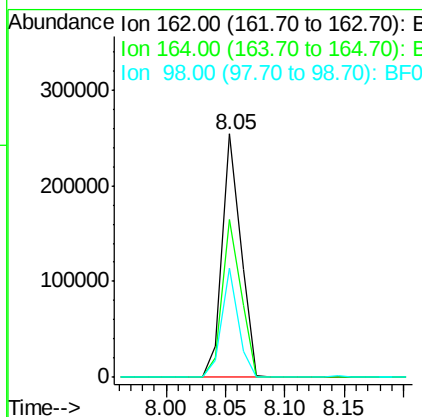
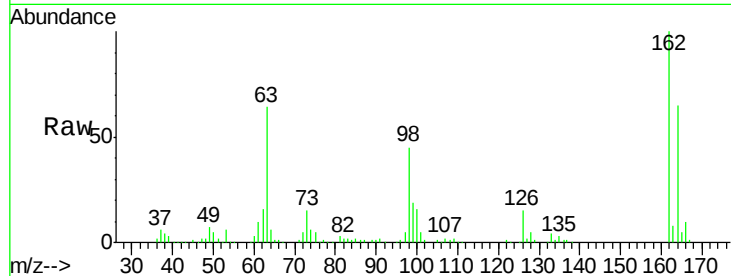
#29
 2,4-Dichlorophenol
 Concen: 39.25 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion:	162	Resp:	275518
Ion Ratio		Lower	Upper
162	100		
164	64.7	43.4	83.4
98	44.9	17.5	57.5

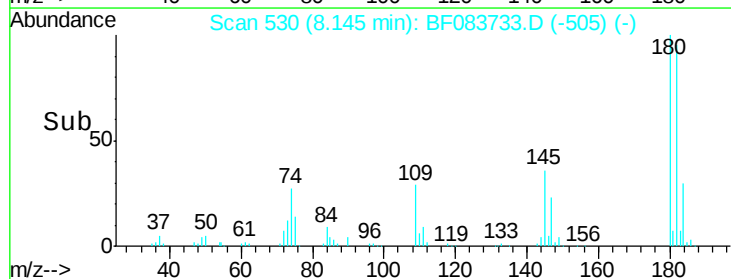
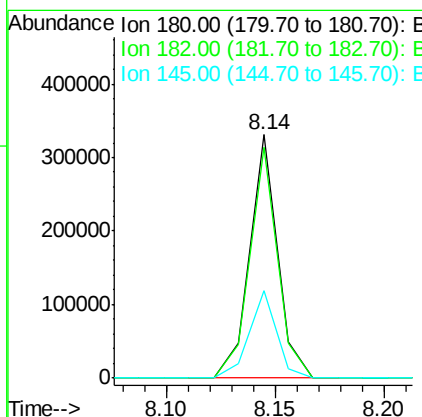
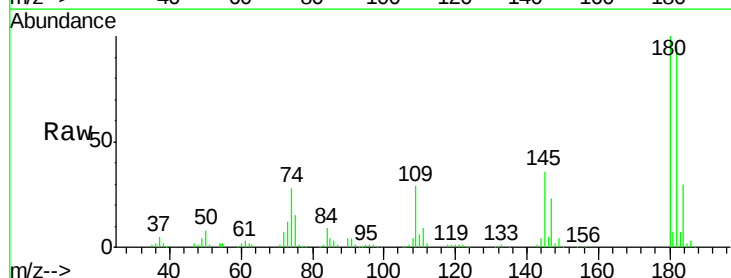
Manual Integrations
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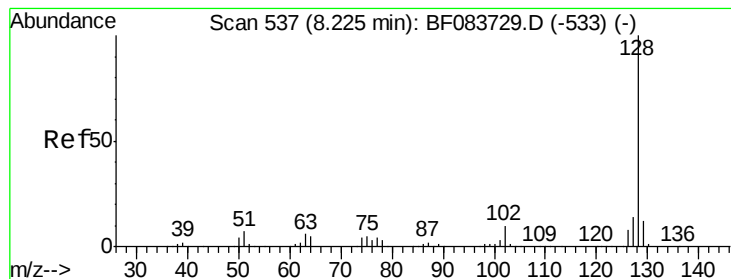
MMdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.40 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:	180	Resp:	294074
Ion Ratio		Lower	Upper
180	100		
182	95.1	74.9	112.3
145	35.7	24.7	37.1





#31

Naphthalene

Concen: 39.33 ng

RT: 8.22 min Scan# 537

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

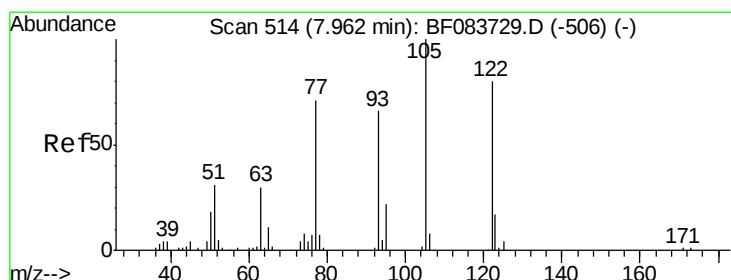
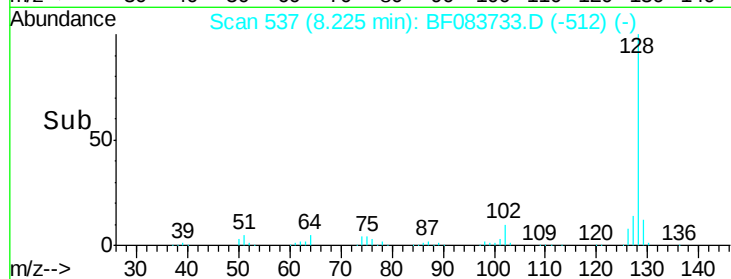
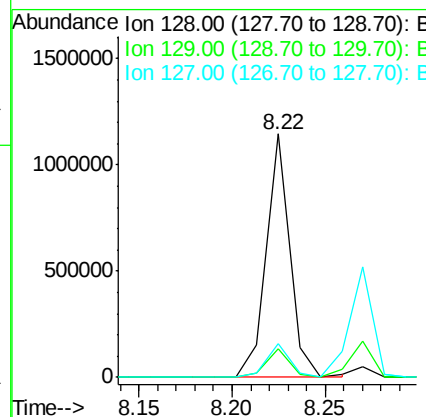
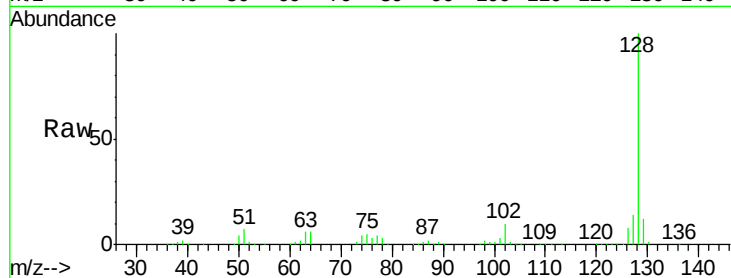
ClientSampleId :

ICVBF121315

Tot Ion:	128	Resp:	998347
Ion Ratio	Lower	Upper	
128	100		
129	11.7	8.6	13.0
127	14.0	10.6	16.0

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#32

Benzoic acid

Concen: 40.52 ng

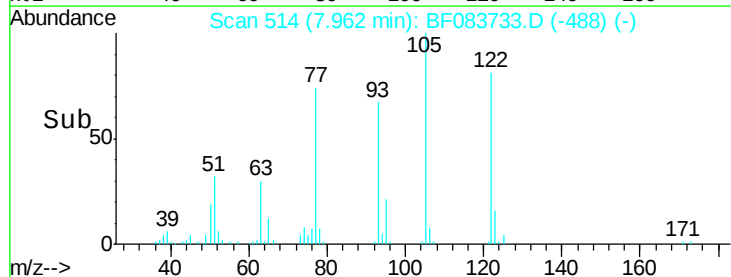
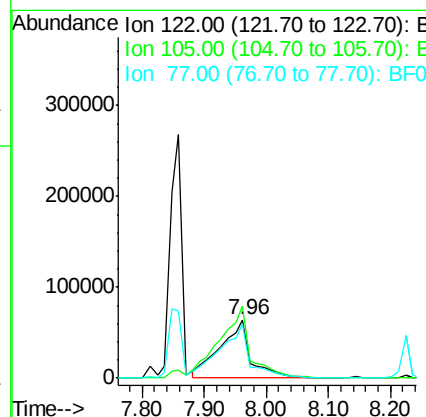
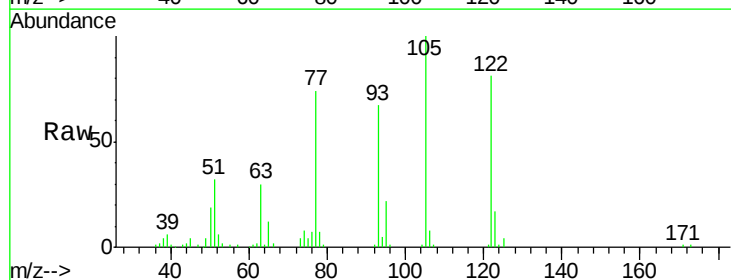
RT: 7.96 min Scan# 514

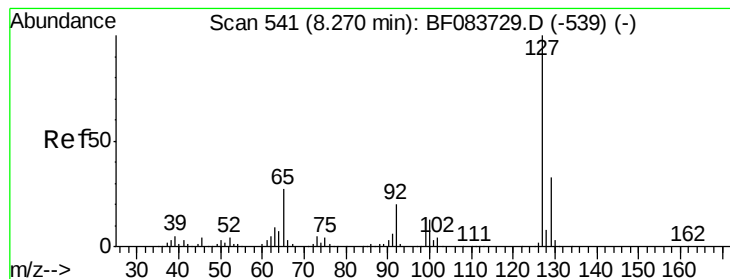
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	122	Resp:	215924
Ion Ratio	Lower	Upper	
122	100		
105	124.0	105.6	145.6
77	91.7	86.8	126.8





#33

4-Chloroaniline

Concen: 43.63 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF083733.D

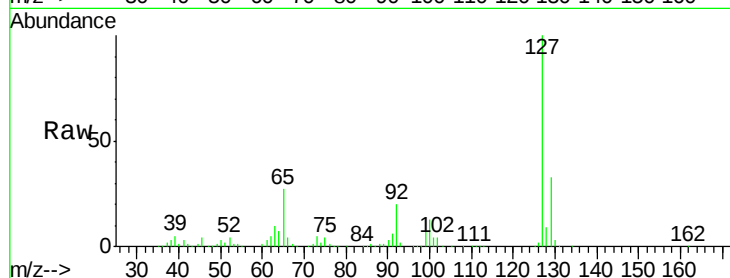
Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

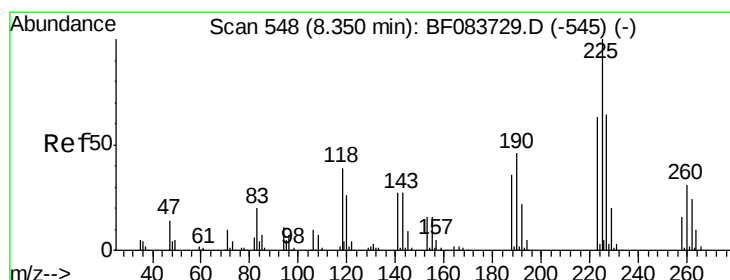
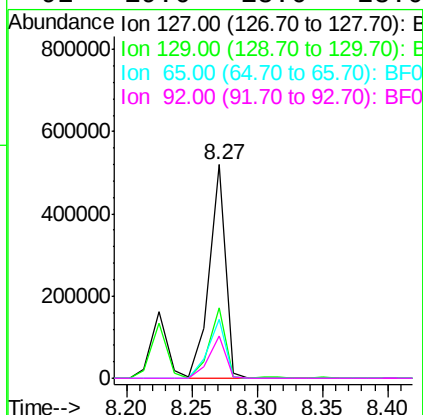
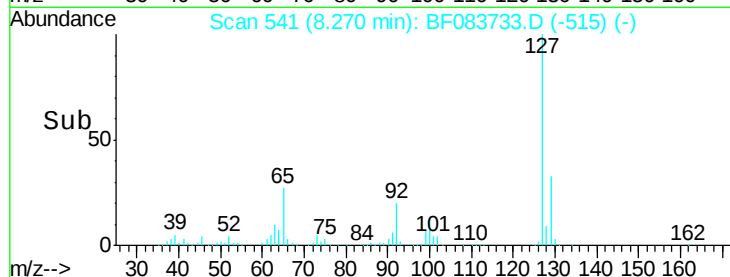
ICVBF121315



Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.1	39.1		
65	27.4	33.5	50.3		
92	19.6	18.6	28.0		

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#34

Hexachlorobutadiene

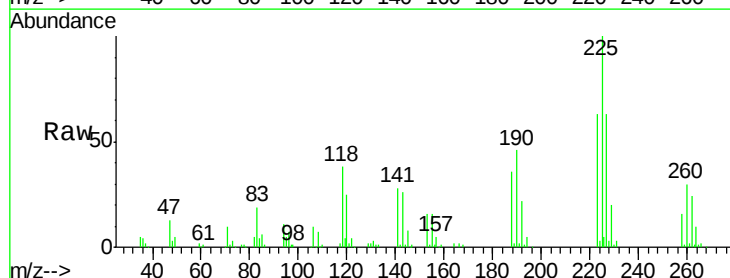
Concen: 42.56 ng

RT: 8.35 min Scan# 548

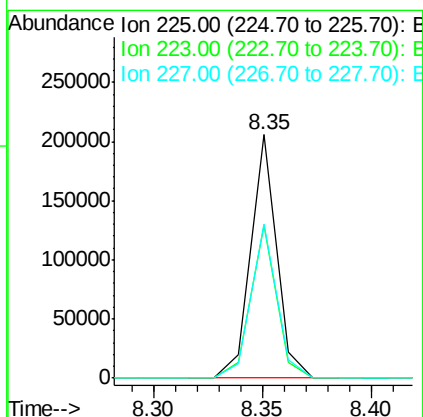
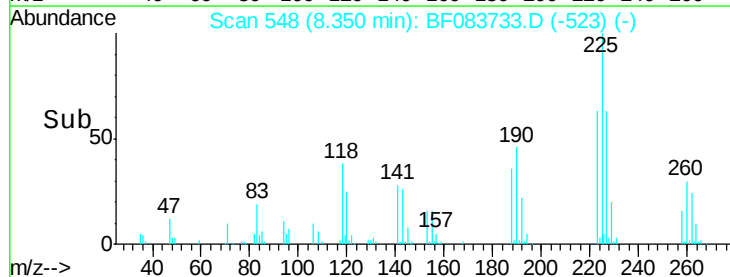
Delta R.T. -0.01 min

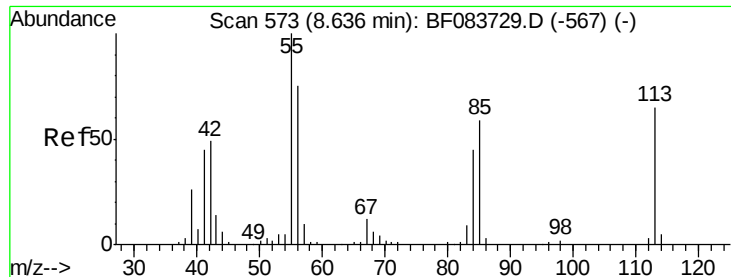
Lab File: BF083733.D

Acq: 13 Dec 2015 17:05



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.7	52.3	78.5		
227	63.2	50.4	75.6		





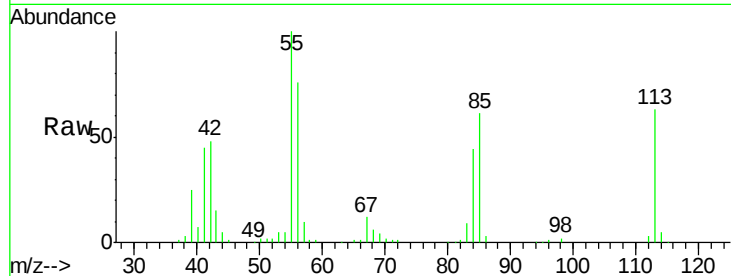
#35
Caprolactam
Concen: 39.34 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.2	189.7	229.7#
56	120.8	130.7	170.7#

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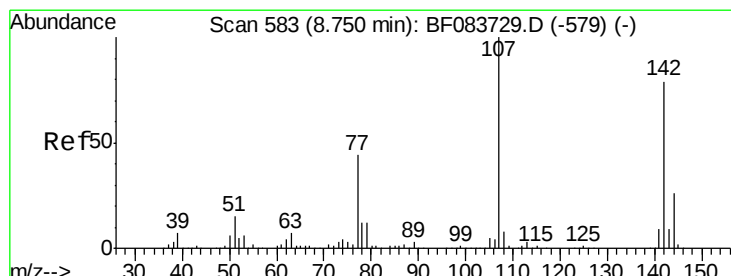
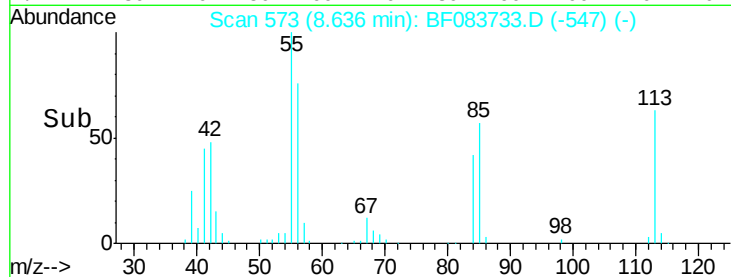
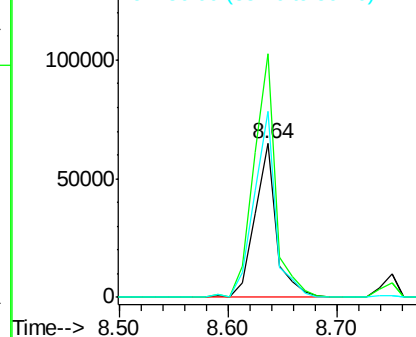
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Abundance Ion 113.00 (112.70 to 113.70): E

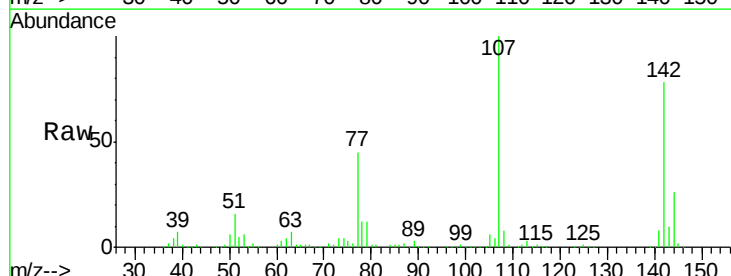
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36
4-Chloro-3-methylphenol
Concen: 43.14 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

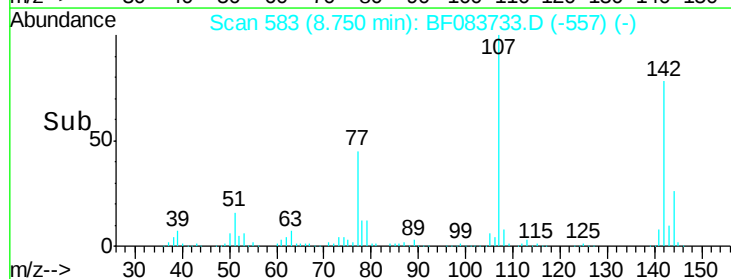
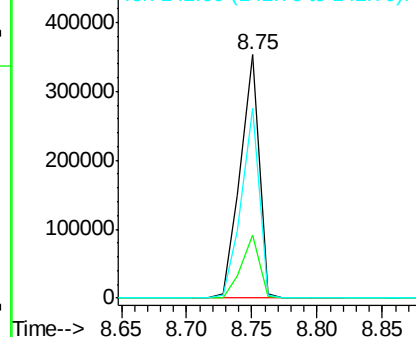
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.8	17.5	26.3
142	77.9	53.6	80.4

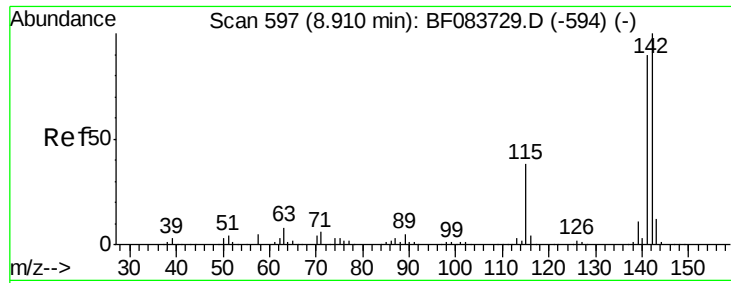


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





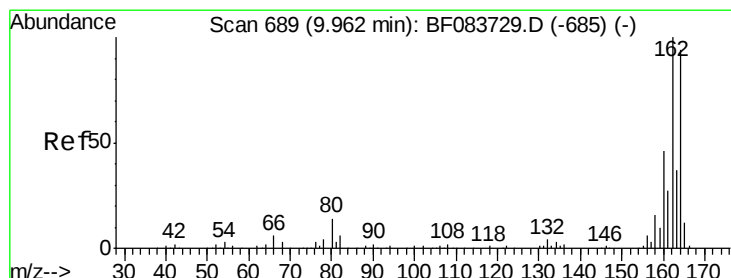
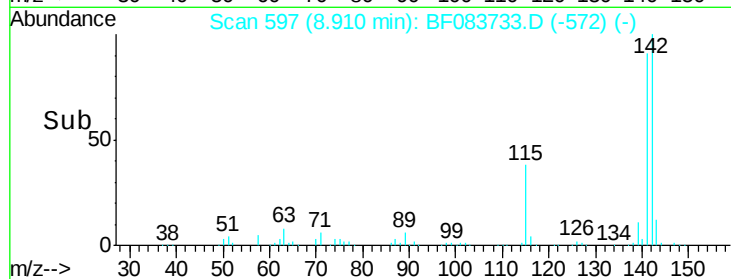
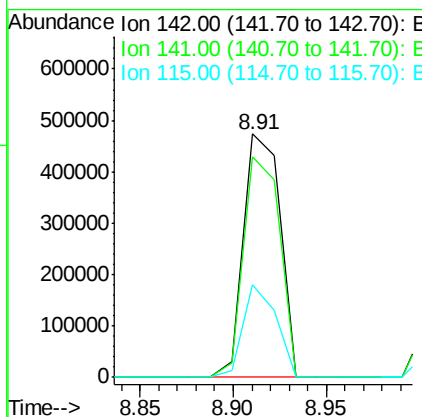
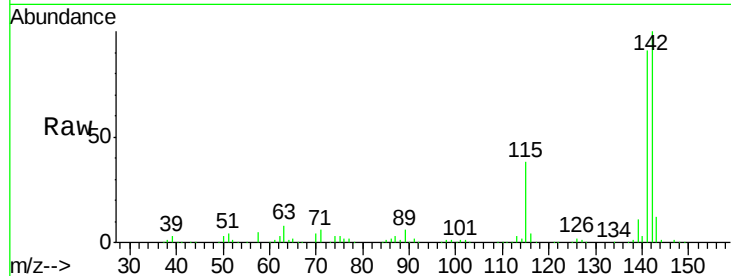
#37
2-Methylnaphthalene
Concen: 40.40 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	70.3	105.5
115	38.0	29.2	43.8

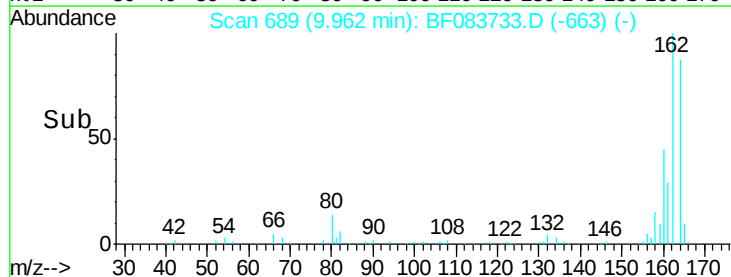
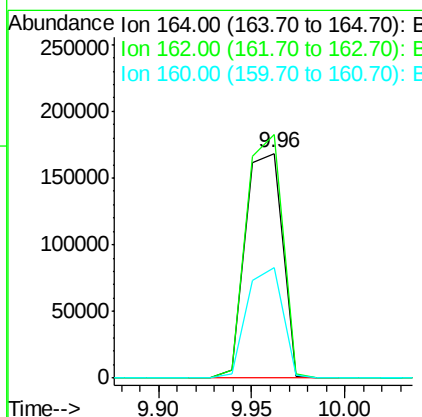
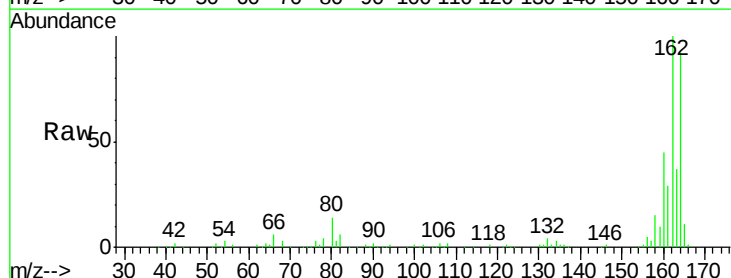
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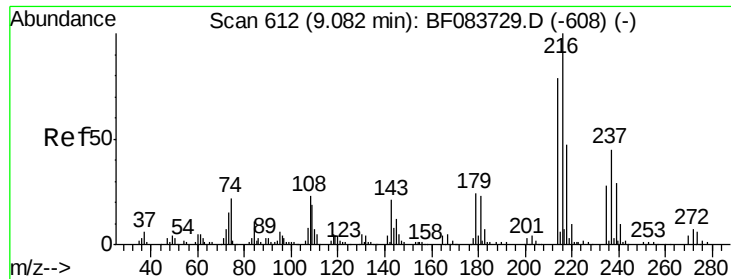
MMdadoda
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.4	78.8	118.2
160	49.3	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.06 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

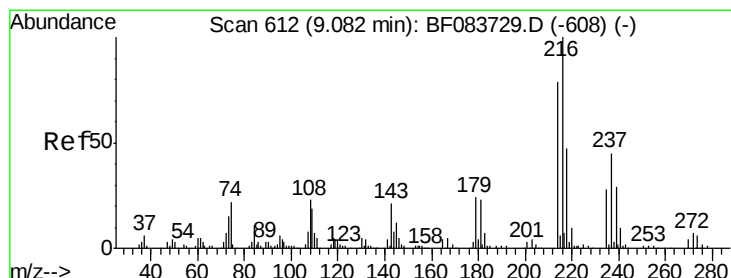
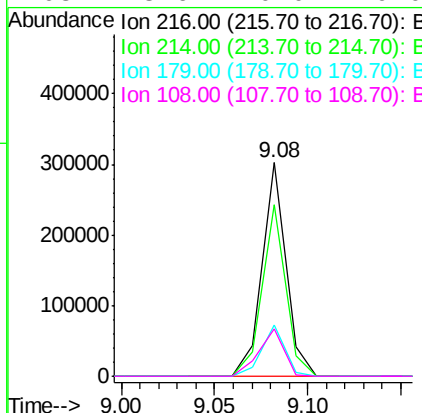
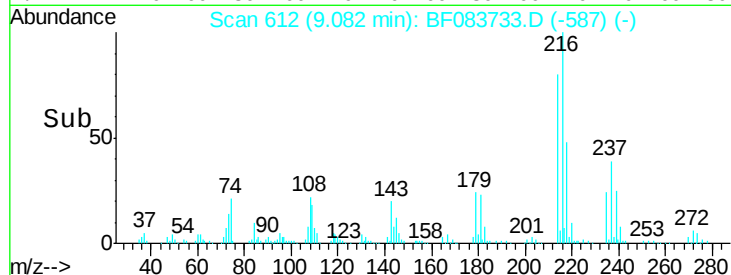
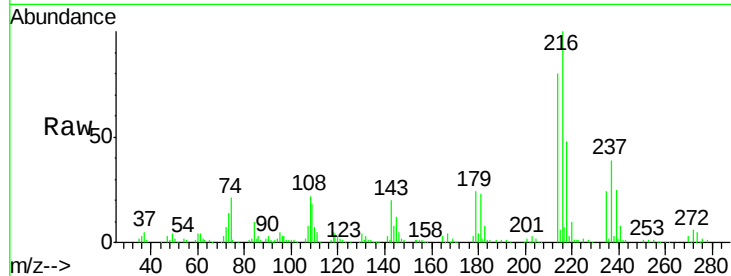
ClientSampleId :

ICVBF121315

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		266262		
214	79.3	0.0	0.0#		
179	23.3	0.0	0.0#		
108	23.6	0.0	0.0#		

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#40

Hexachlorocyclopentadiene

Concen: 44.29 ng

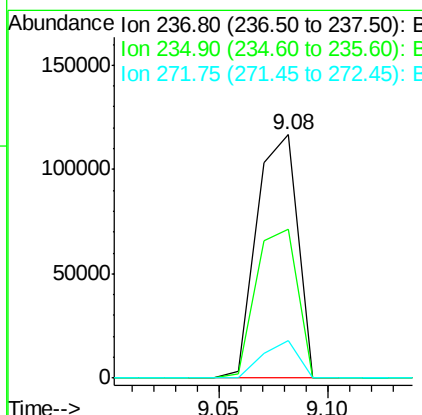
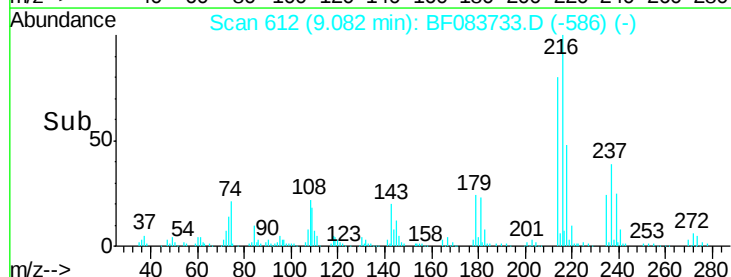
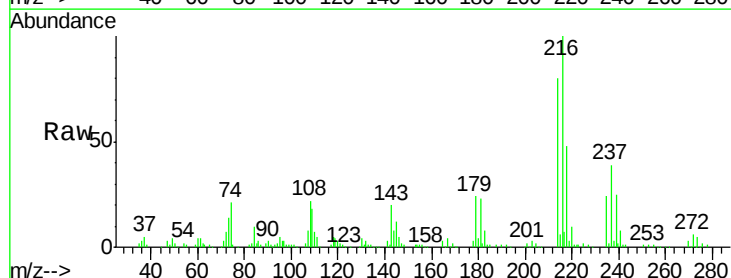
RT: 9.08 min Scan# 612

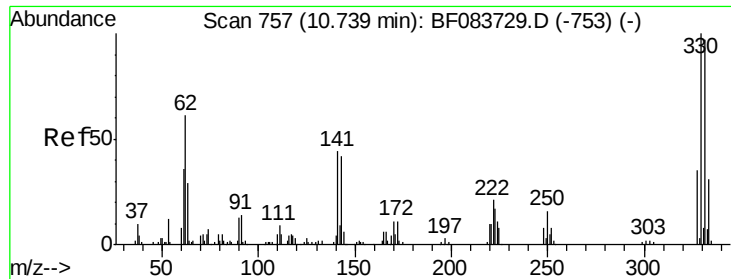
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		152974		
235	60.9	43.9	83.9		
272	15.6	0.0	31.8		





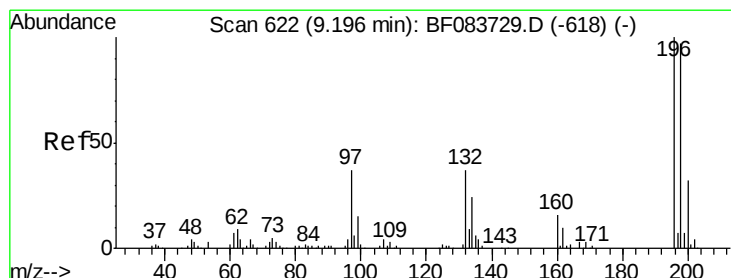
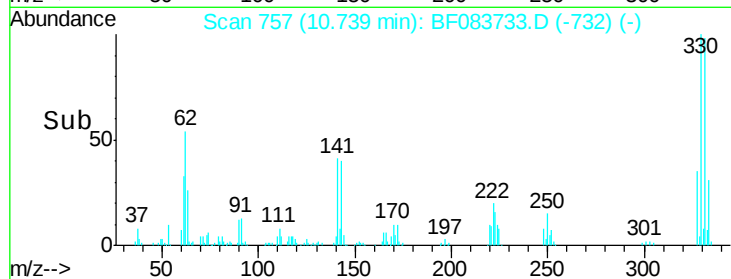
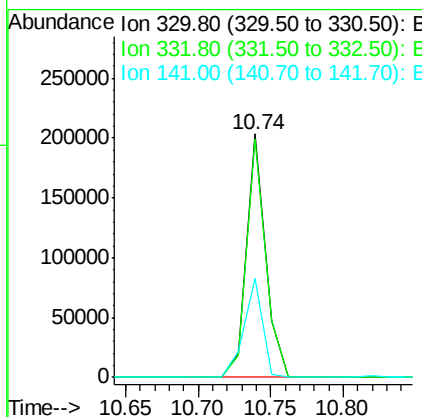
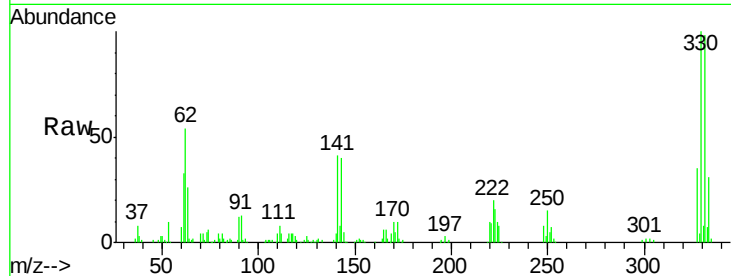
#41
 2,4,6-Tribromophenol
 Concen: 79.07 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	39.7	0.0	0.0#

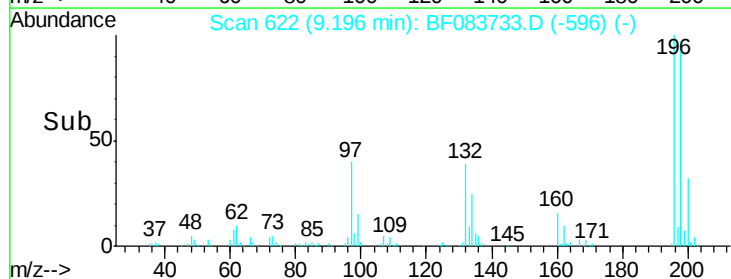
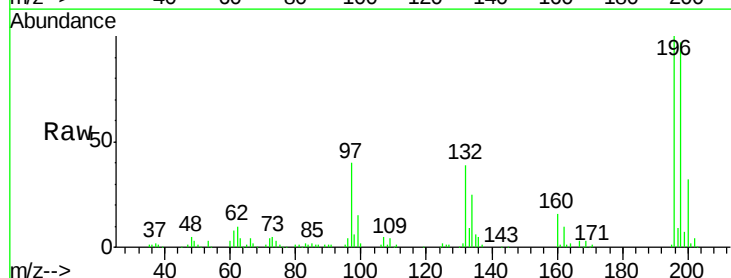
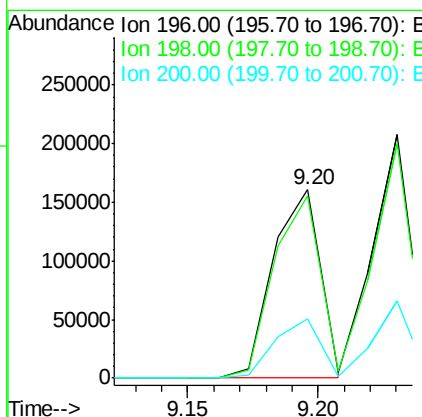
Manual Integrations
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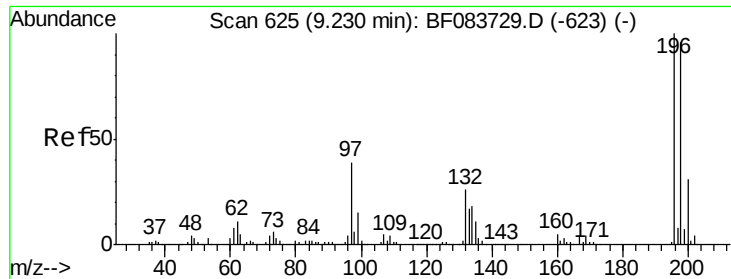
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#42
 2,4,6-Trichlorophenol
 Concen: 40.33 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	96.6	75.2	112.8
200	31.9	23.0	34.6





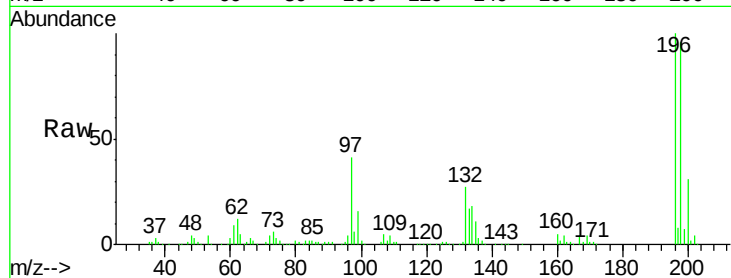
#43
 2,4,5-Trichlorophenol
 Concen: 43.98 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

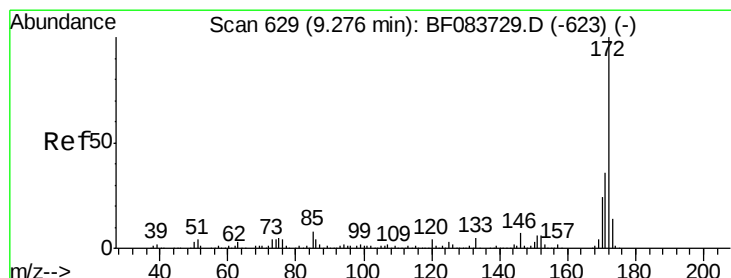
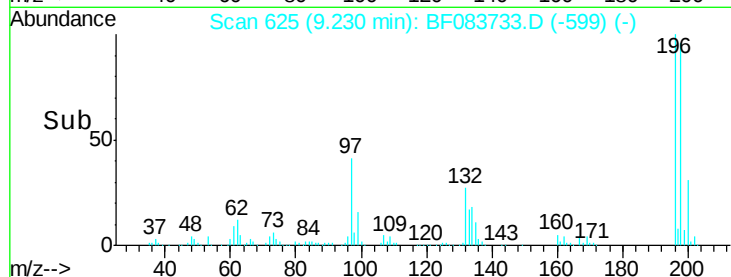
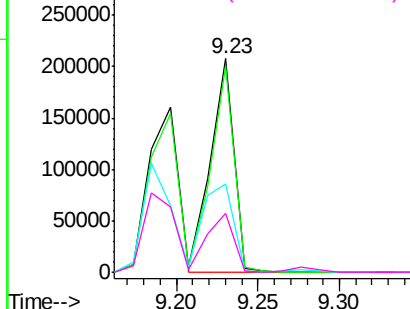
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		208159		
198	96.4	77.7	116.5		
97	41.3	41.2	61.8		
132	27.4	21.8	32.8		

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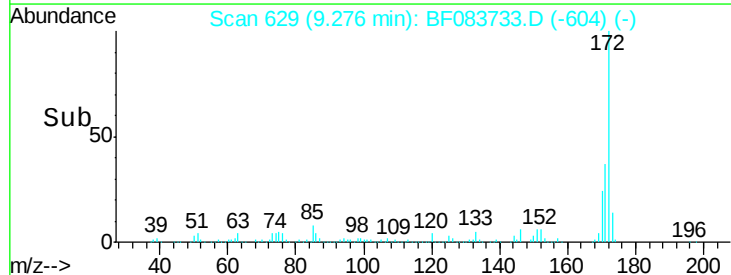
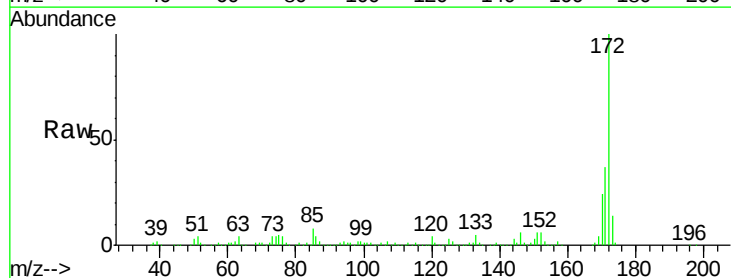
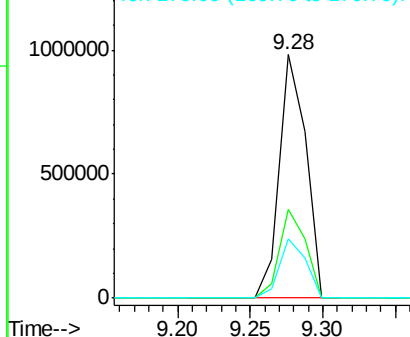
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

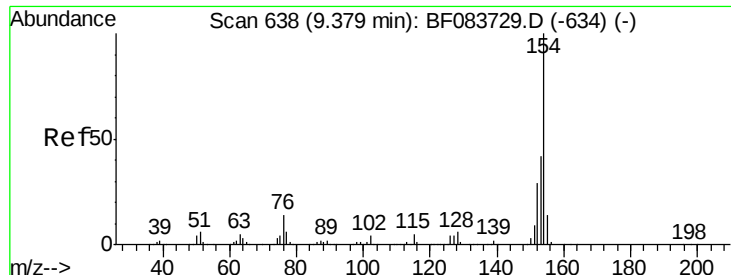


#44
 2-Fluorobiphenyl
 Concen: 76.48 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1243201		
171	36.7	28.6	42.8		
170	24.3	19.4	29.0		

Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





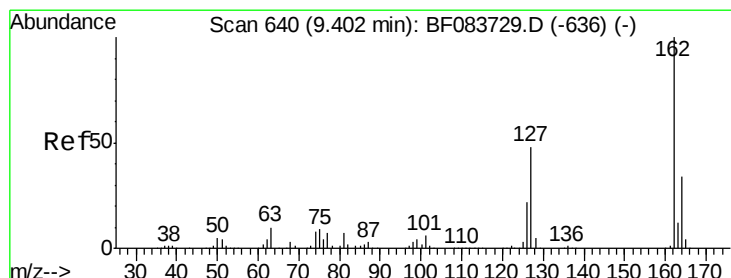
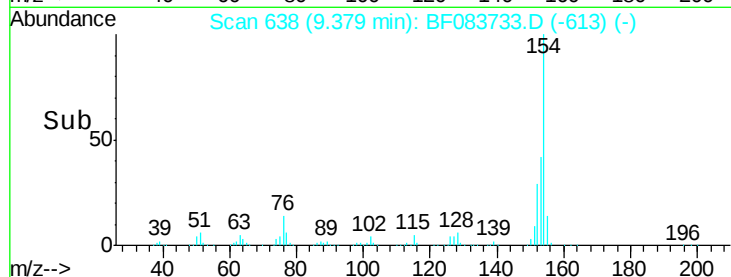
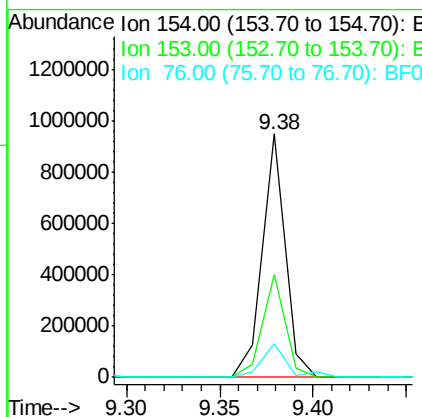
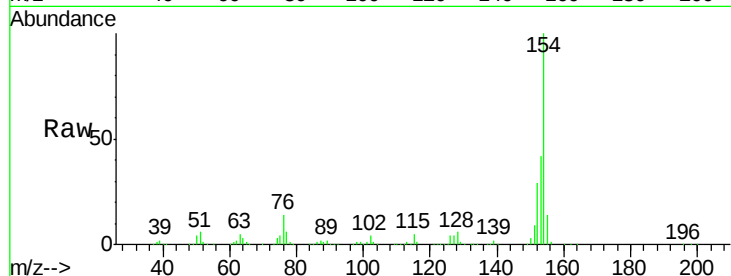
#45
1,1'-Biphenyl
Concen: 39.18 ng
RT: 9.38 min Scan# 638
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.2	60.2
76	13.7	0.0	34.8

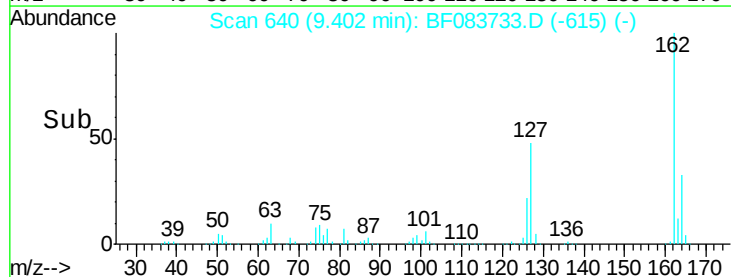
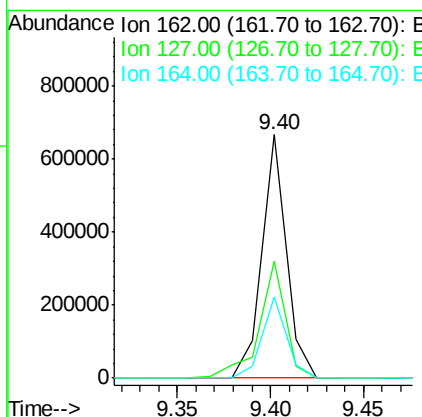
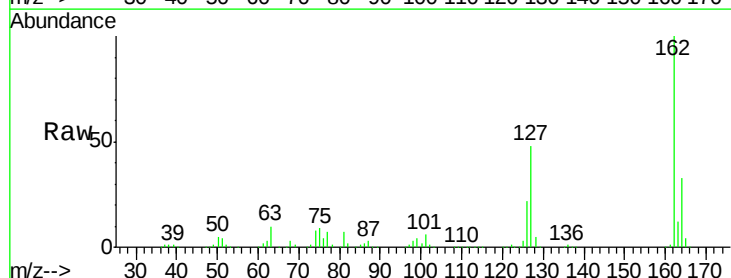
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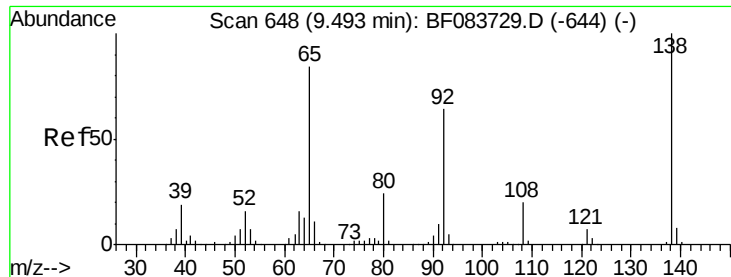
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#46
2-Chloronaphthalene
Concen: 39.76 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	48.1	31.0	46.4#
164	33.2	27.4	41.0





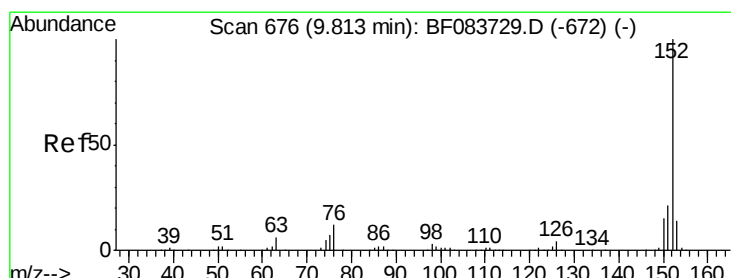
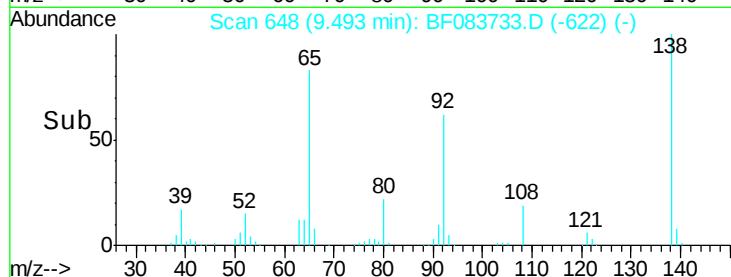
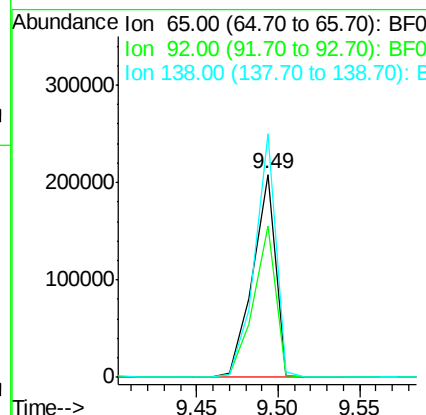
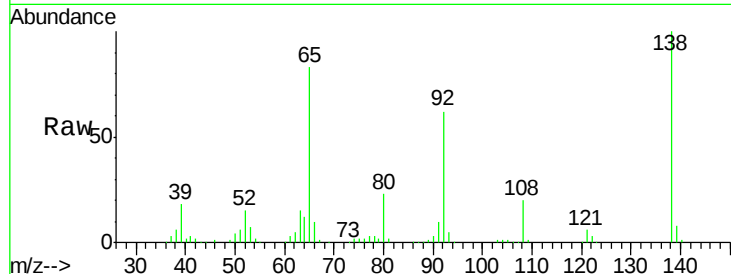
#47
2-Nitroaniline
Concen: 47.37 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203092		
92	74.6	49.6	74.4#	
138	119.8	64.1	96.1#	

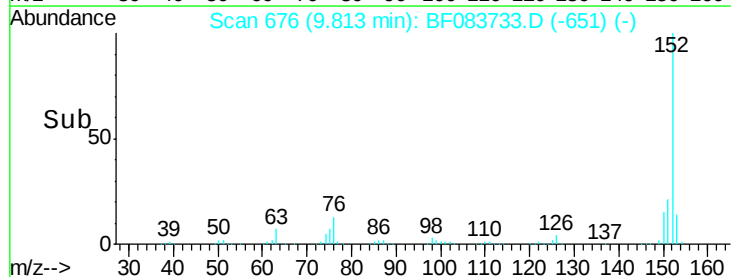
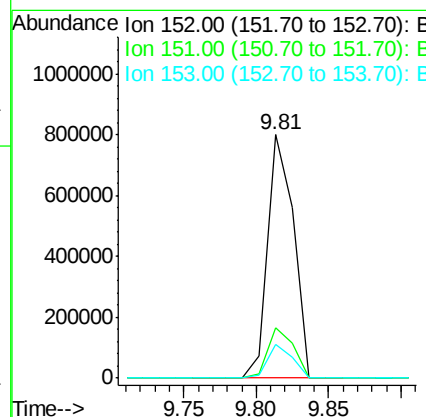
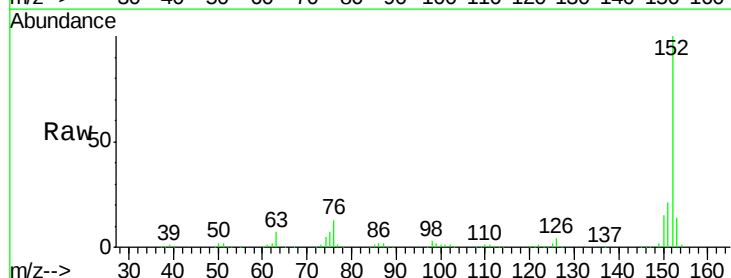
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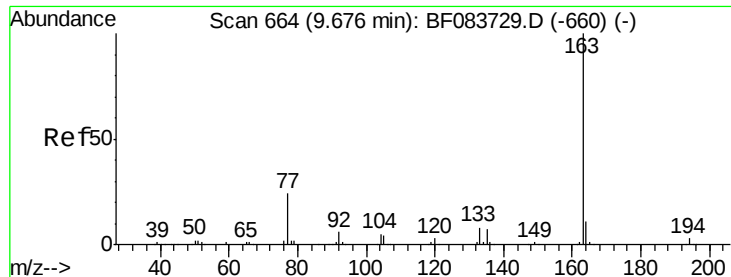
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#48
Acenaphthylene
Concen: 38.85 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	988041		
151	20.6	16.3	24.5	
153	14.0	10.8	16.2	





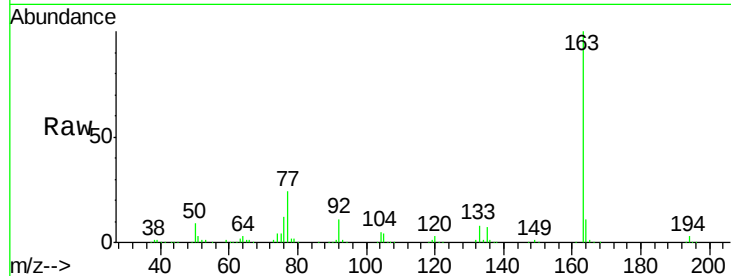
#49
Dimethylphthalate
Concen: 38.80 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

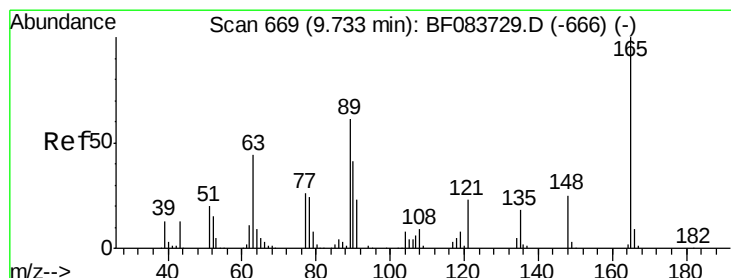
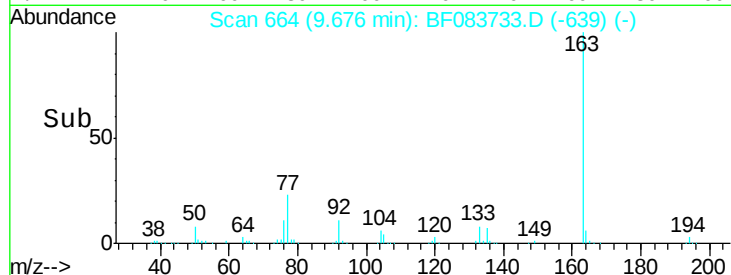
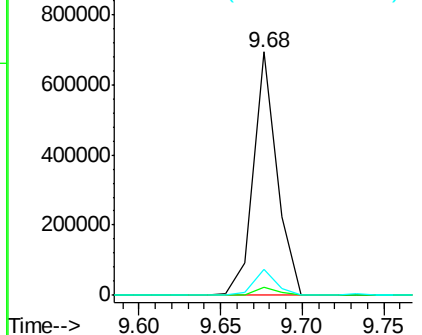
Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.8	4.2
164	10.8	8.6	13.0

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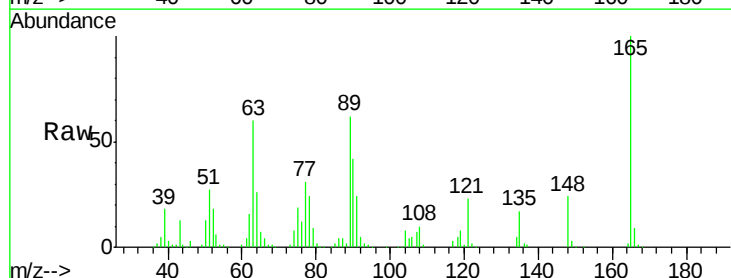


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

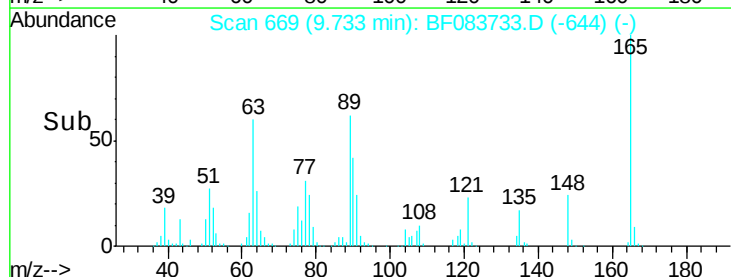
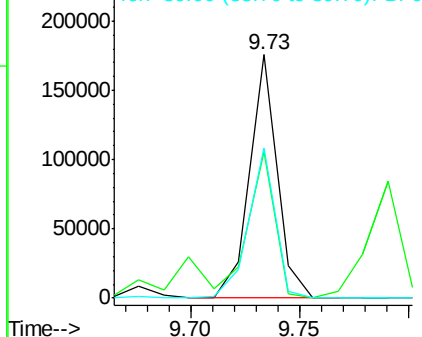


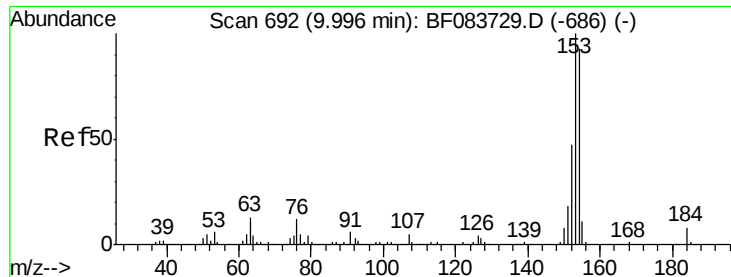
#50
2,6-Dinitrotoluene
Concen: 40.59 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	60.0	56.9	85.3
89	61.6	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: 40.04 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

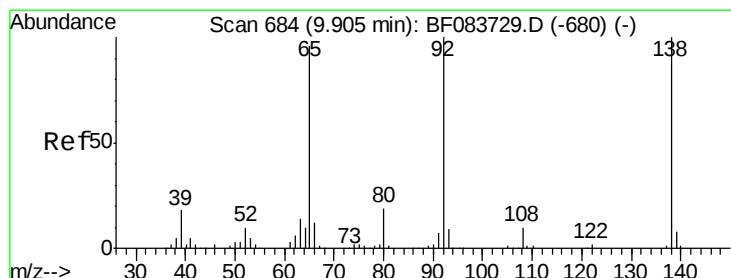
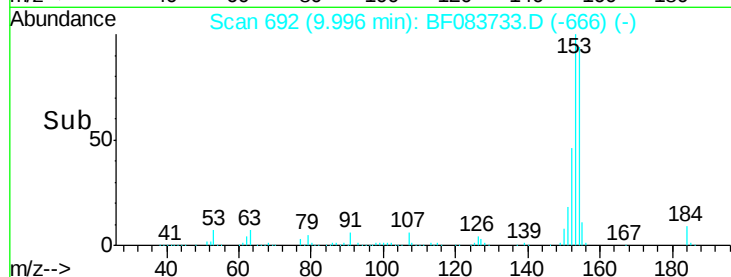
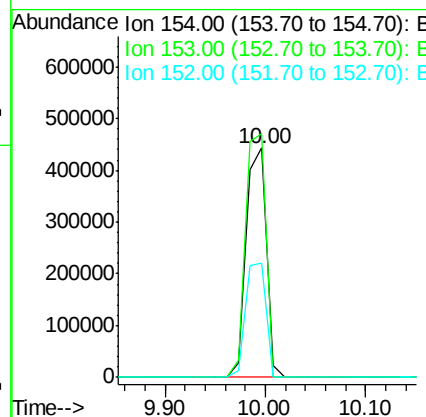
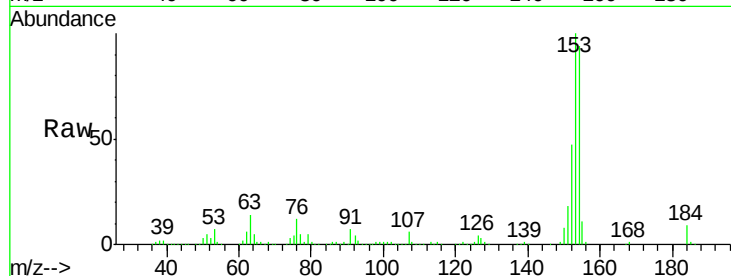
ClientSampleId :

ICVBF121315

Tot Ion:	154	Resp:	615614
Ion Ratio	Lower	Upper	
154	100		
153	106.2	91.4	137.0
152	50.2	43.4	65.2

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#52

3-Nitroaniline

Concen: 45.06 ng

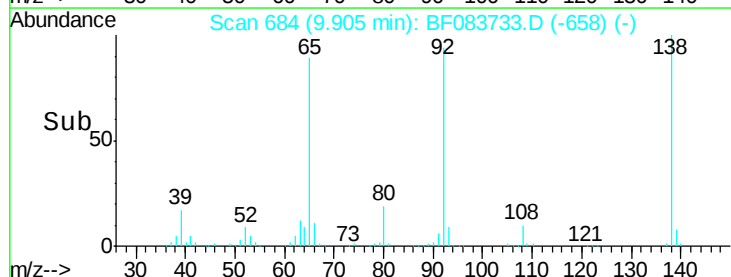
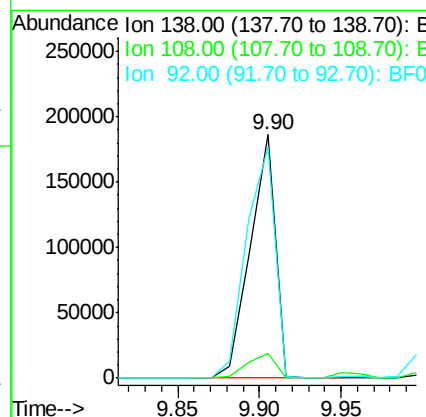
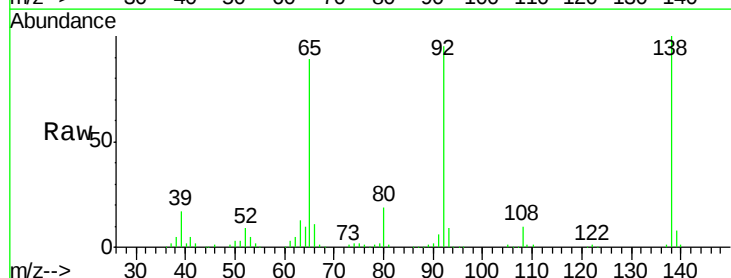
RT: 9.90 min Scan# 684

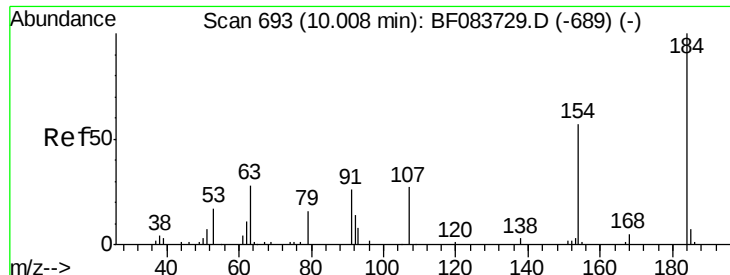
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	138	Resp:	198631
Ion Ratio	Lower	Upper	
138	100		
108	10.4	9.9	14.9
92	95.0	113.8	170.8#





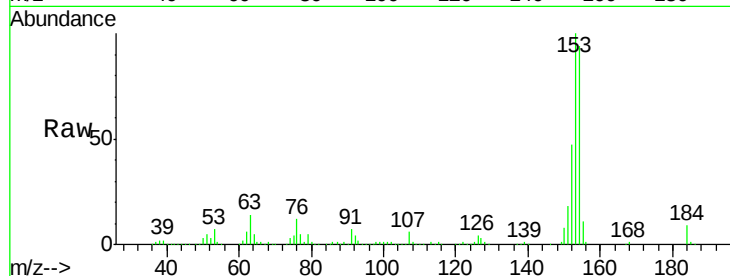
#53
2,4-Dinitrophenol
Concen: 38.45 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

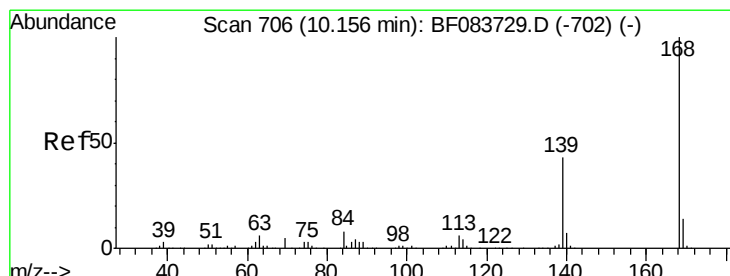
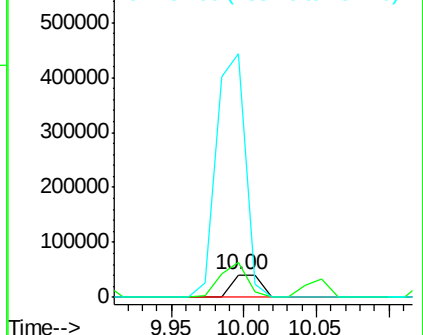
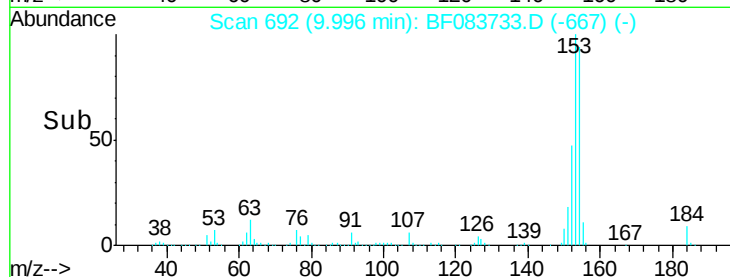
Tot Ion:184 Resp: 57440
Ion Ratio Lower Upper
184 100
63 157.5 62.4 93.6#
154 1087.7 46.6 69.8

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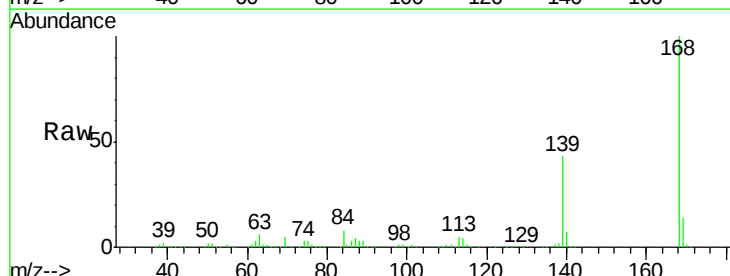


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

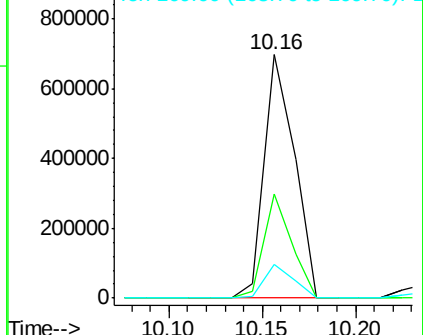
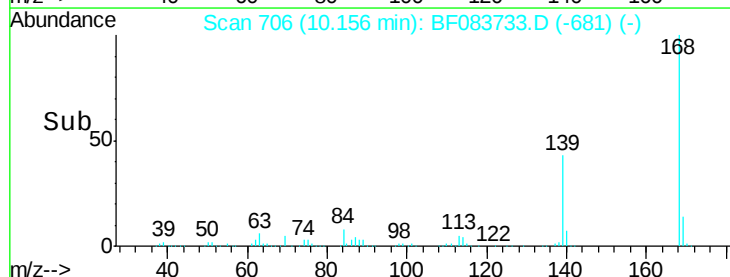


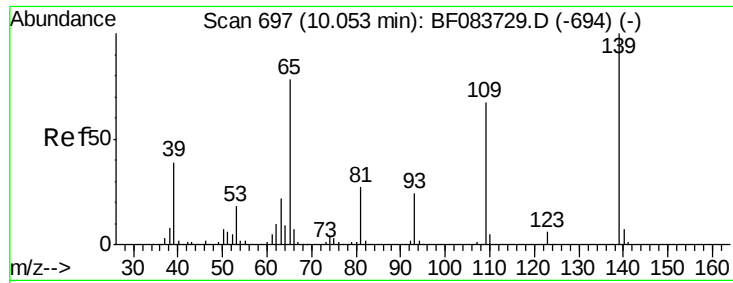
#54
Dibenzofuran
Concen: 38.30 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion:168 Resp: 780141
Ion Ratio Lower Upper
168 100
139 42.7 28.0 42.0#
169 14.0 10.8 16.2



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





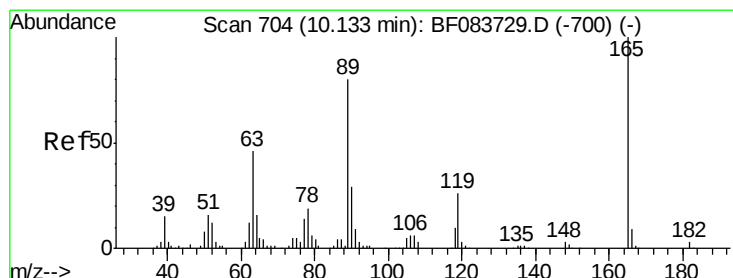
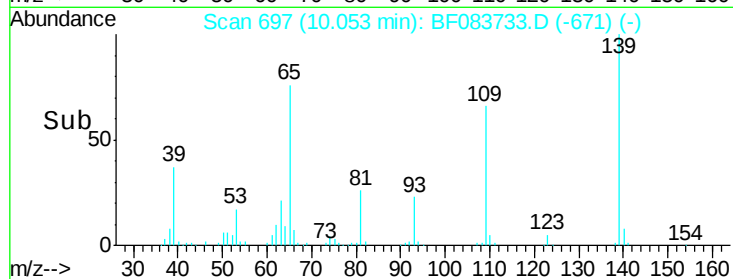
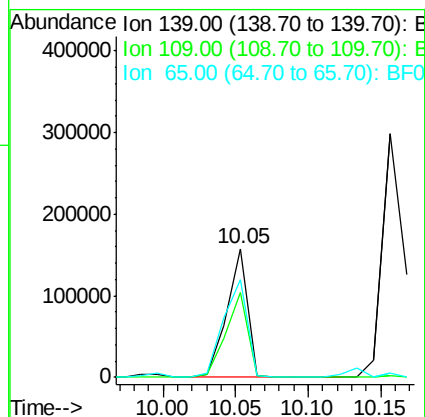
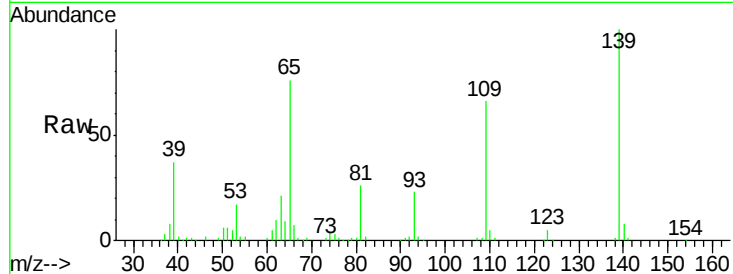
#55
4-Nitrophenol
Concen: 48.71 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
139	100	158978		
109	66.2	42.0	82.0	
65	75.5	89.2	129.2	

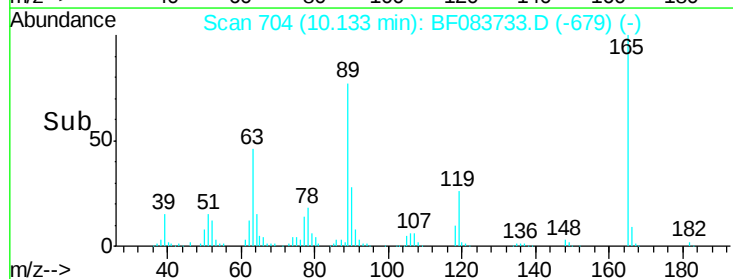
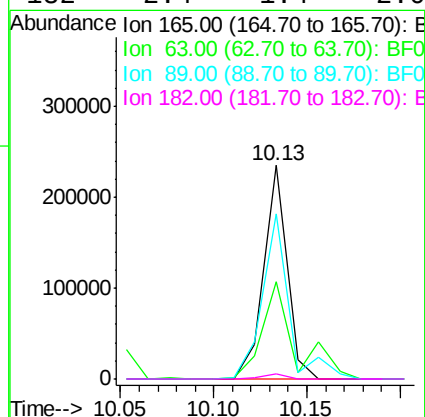
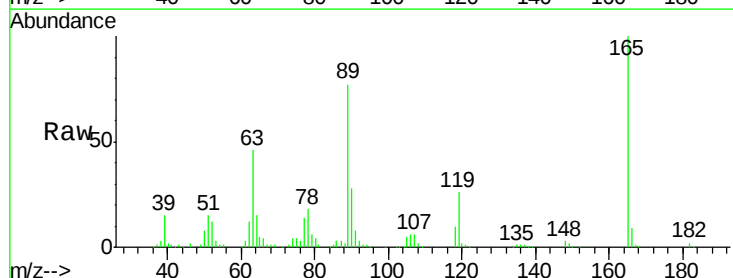
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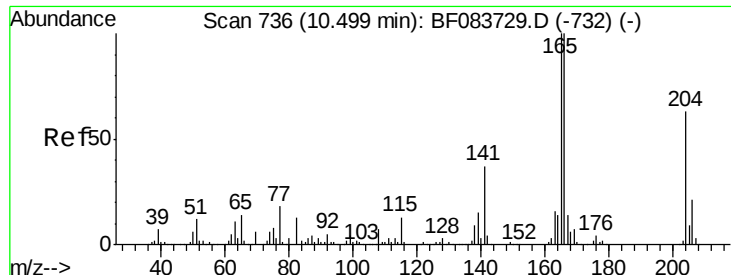
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12/14/2015 6:23:39 PM



#56
2,4-Dinitrotoluene
Concen: 40.66 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	203051		
63	45.7	51.4	77.2	
89	77.5	72.6	108.8	
182	2.4	1.4	2.0	





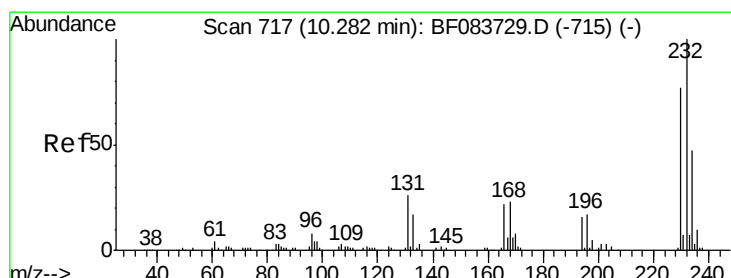
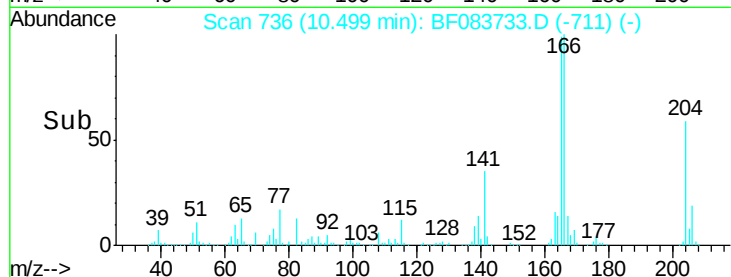
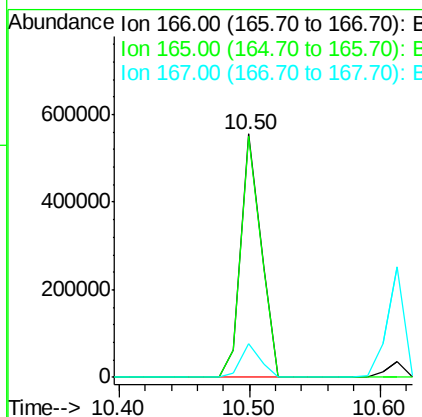
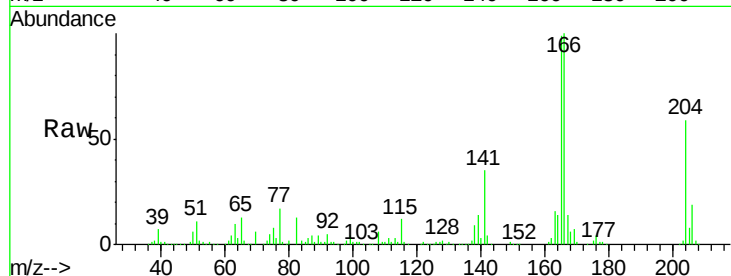
#57
Fluorene
 Concen: 37.24 ng
 RT: 10.50 min Scan# 736
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
166	100	597452		
165	99.1	80.0	120.0	
167	13.9	10.6	16.0	

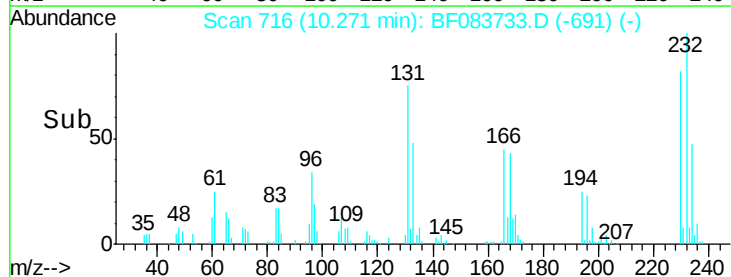
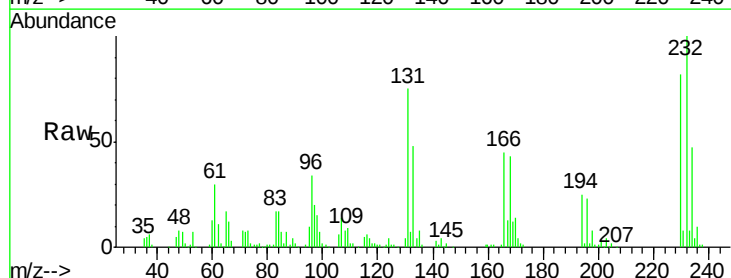
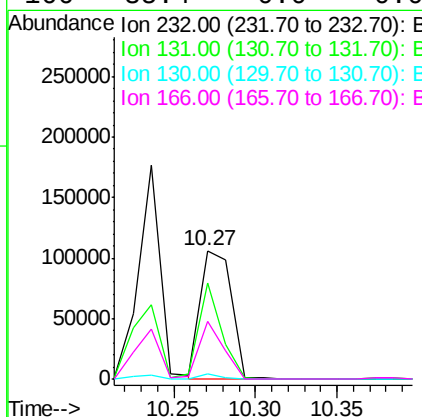
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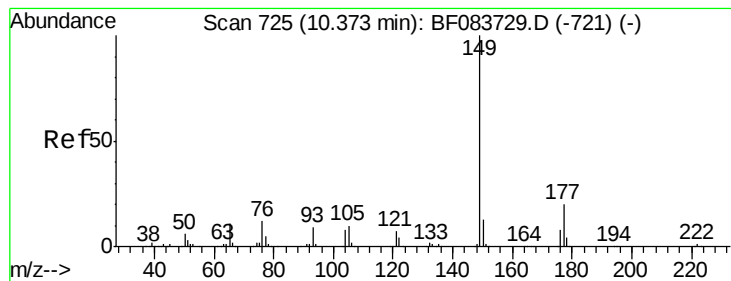
MMdadoda
 12/14/2015 6:23:39 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 40.12 ng
 RT: 10.27 min Scan# 716
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	142441		
131	54.7	0.0	0.0#	
130	2.7	0.0	0.0#	
166	35.4	0.0	0.0#	





#59

Diethylphthalate

Concen: 40.47 ng

RT: 10.37 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

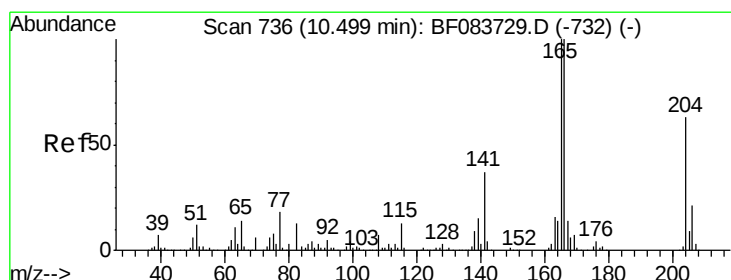
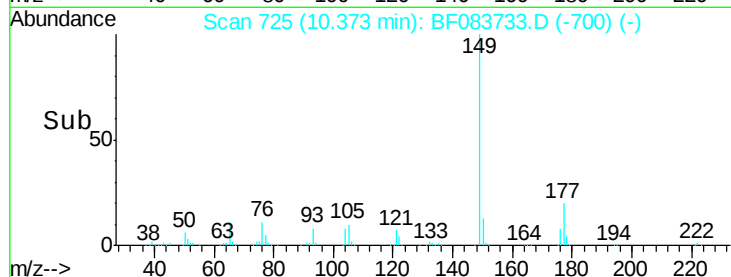
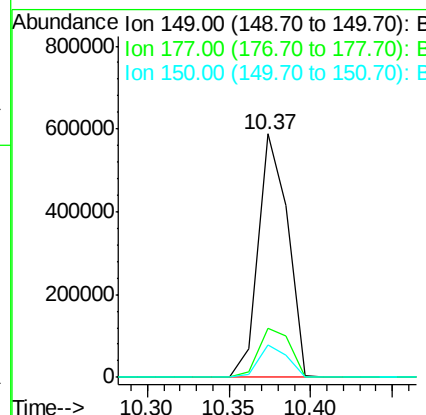
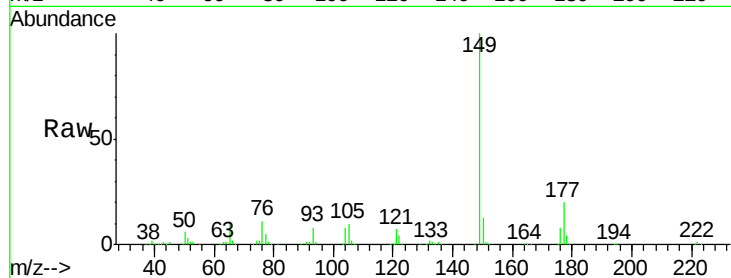
ClientSampleId :

ICVBF121315

Tot Ion:	149	Resp:	738045
Ion Ratio	Lower	Upper	
149	100		
177	19.9	16.9	25.3
150	13.2	10.2	15.4

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#60

4-Chlorophenyl-phenylether

Concen: 42.74 ng

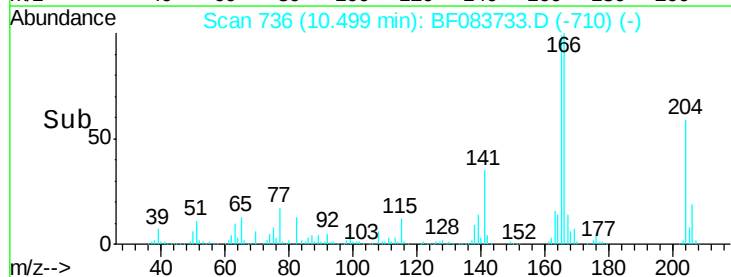
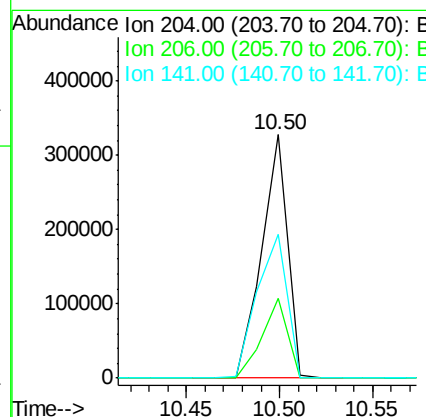
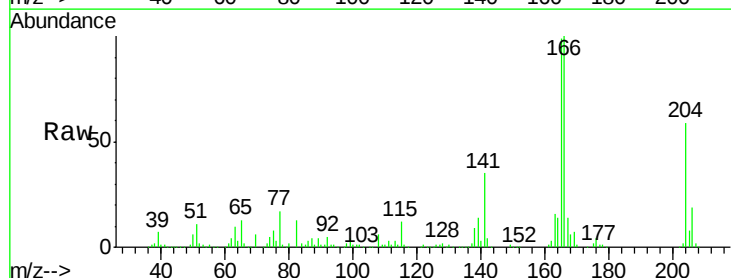
RT: 10.50 min Scan# 736

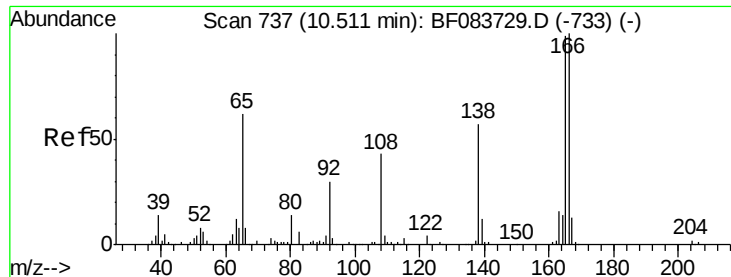
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	204	Resp:	312653
Ion Ratio	Lower	Upper	
204	100		
206	33.0	27.3	40.9
141	59.3	51.9	77.9





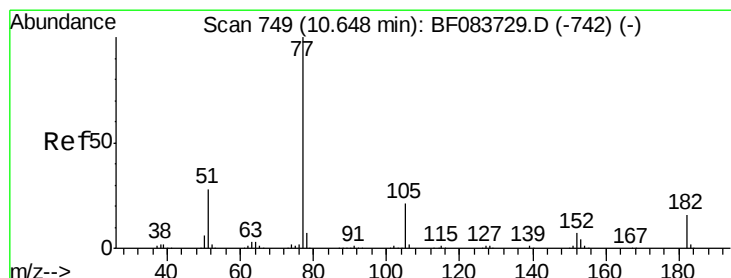
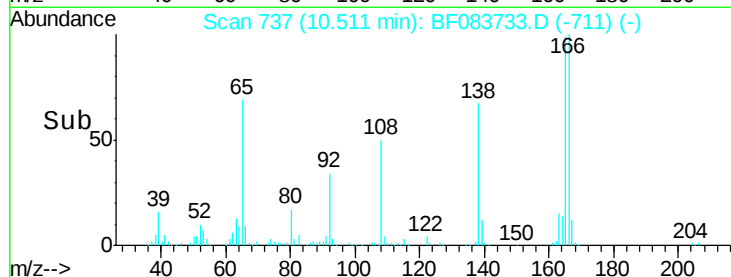
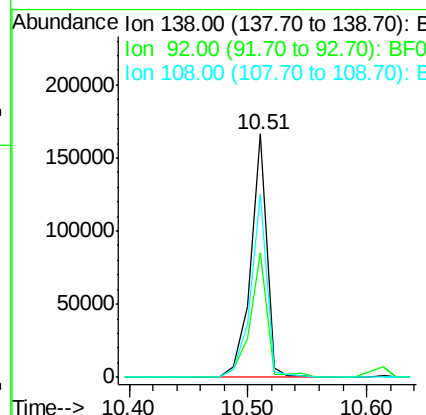
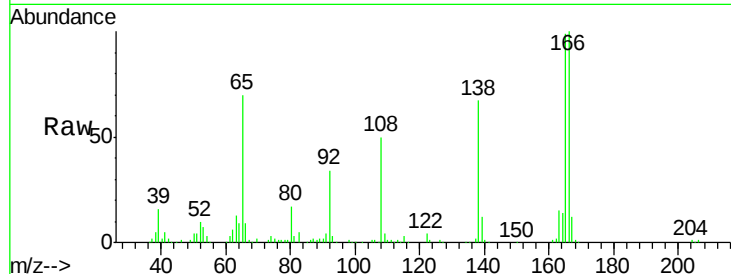
#61
4-Nitroaniline
Concen: 41.04 ng
RT: 10.51 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
138	100	159453		
92	50.9	29.0	69.0	
108	75.1	47.4	87.4	

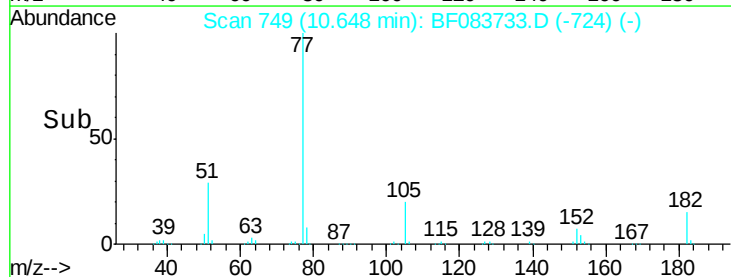
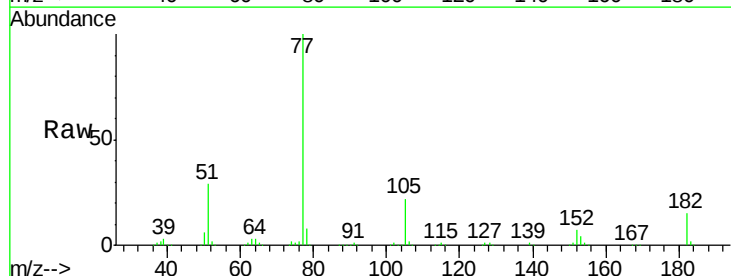
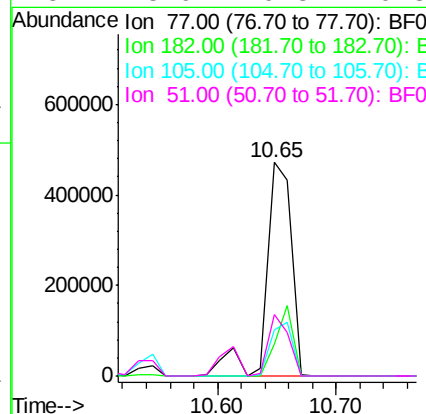
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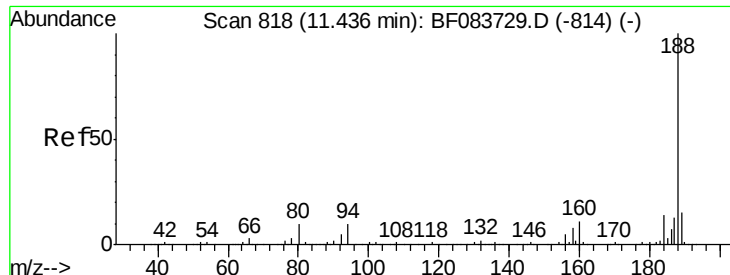
MMdadoda
12/14/2015 6:23:39 PM



#62
Azobenzene
Concen: 42.20 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	701514		
182	15.0	2.5	42.5	
105	21.8	2.1	42.1	
51	28.9	9.3	49.3	





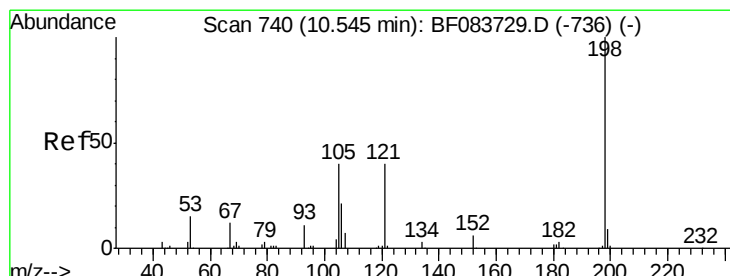
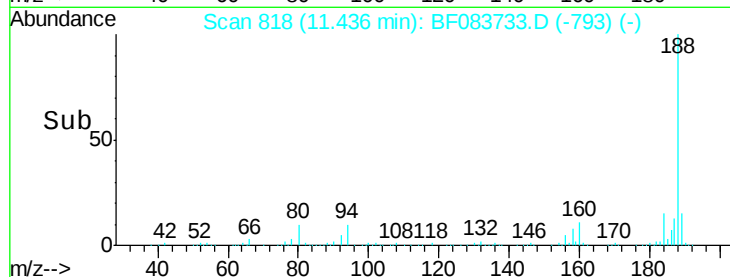
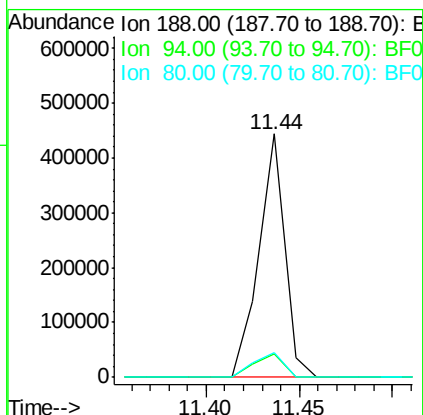
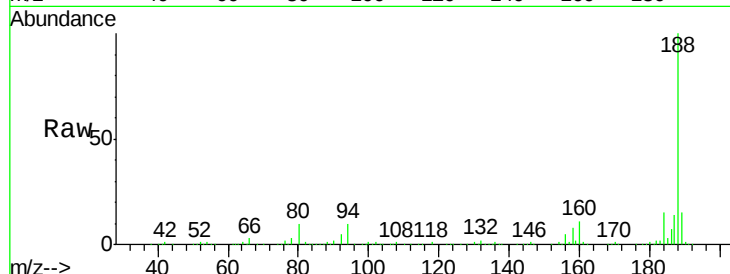
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.7	9.4	14.2
80	10.3	10.6	16.0

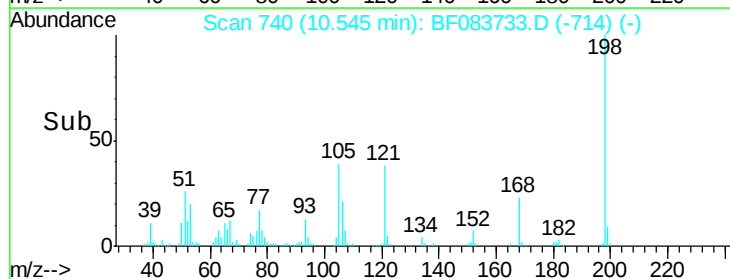
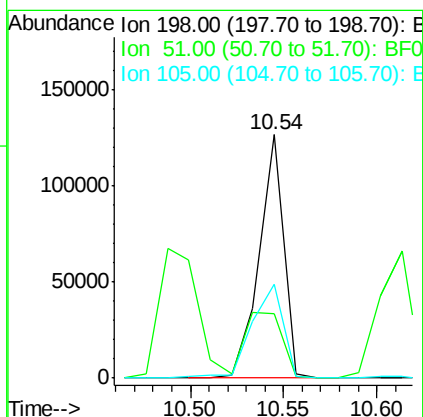
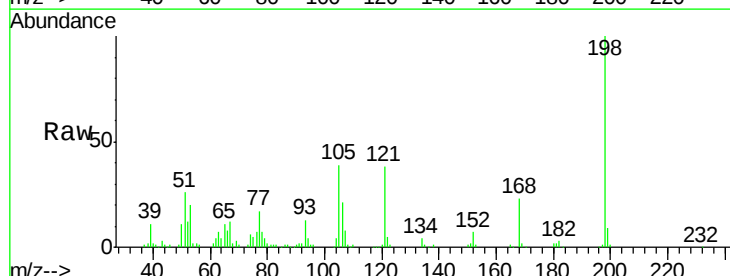
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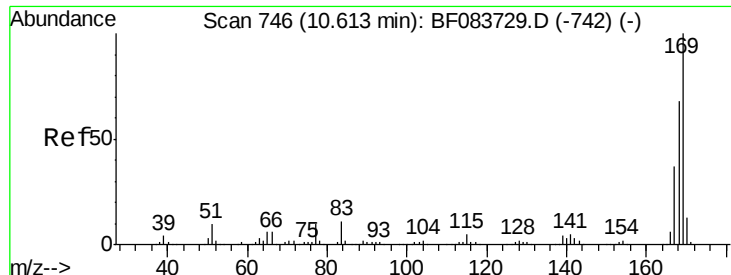
MMdadoda
12/14/2015 6:23:39 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 47.09 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	26.5	53.8	93.8
105	38.8	38.6	78.6





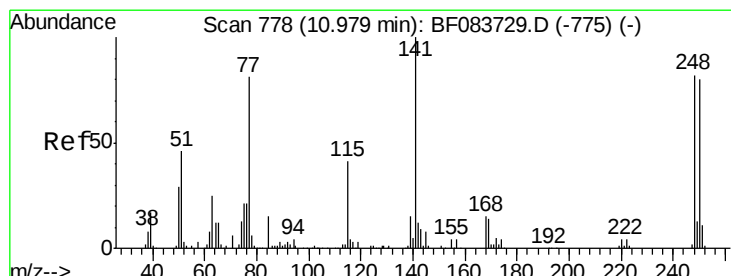
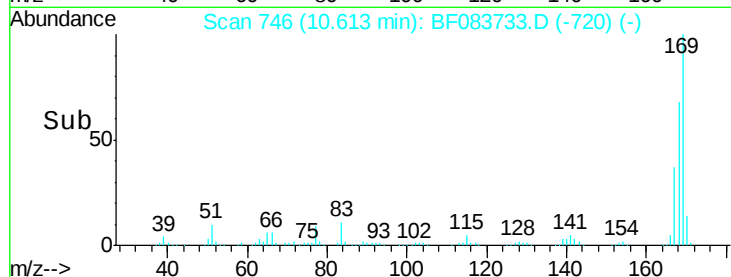
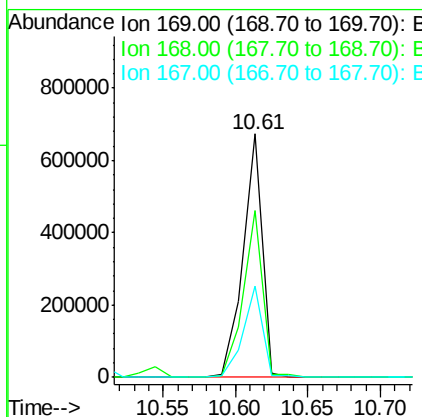
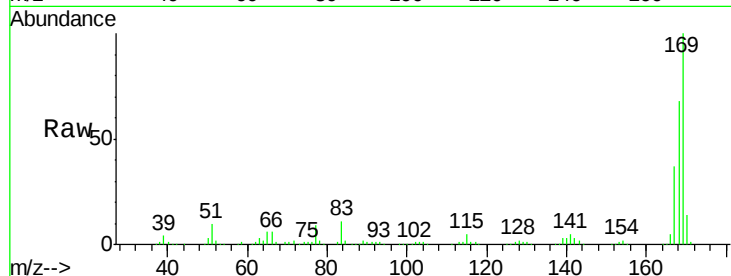
#65
 n-Nitrosodiphenylamine
 Concen: 42.68 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
169	100	621254		
168	68.3	53.0	79.6	
167	37.4	29.3	43.9	

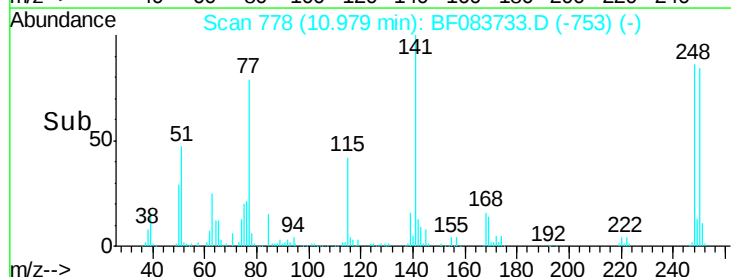
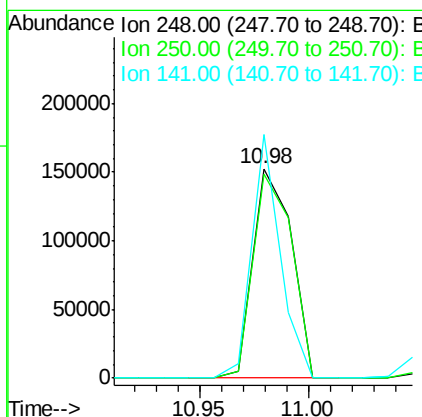
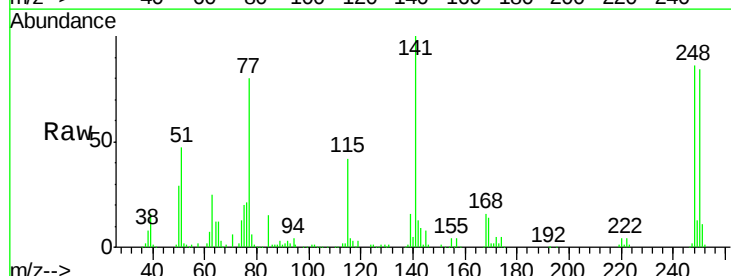
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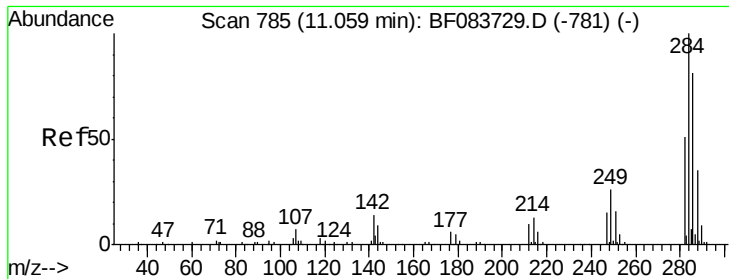
MMdadoda
 12/14/2015 6:23:39 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.72 ng
 RT: 10.98 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	189020		
250	97.7	79.2	118.8	
141	116.2	58.2	87.4	





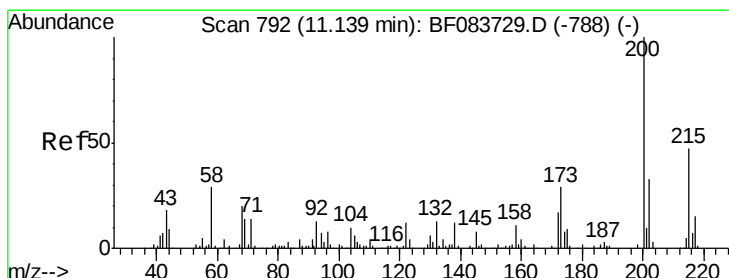
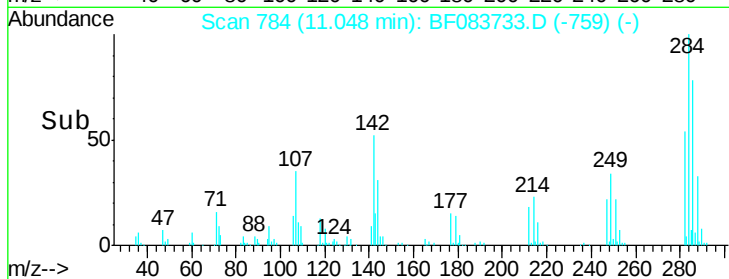
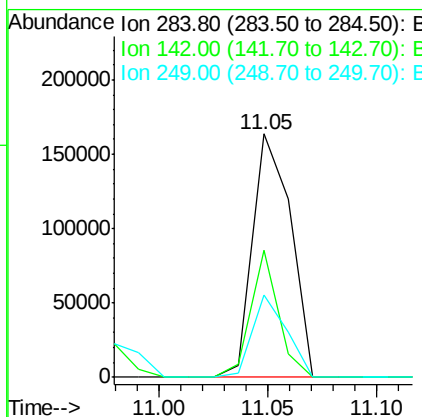
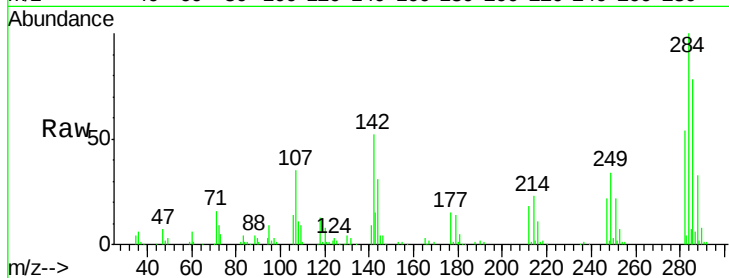
#67
Hexachlorobenzene
Concen: 38.89 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Resp	Lower	Upper
284	100	200265		
142	52.2	31.0	46.4	#
249	33.8	26.9	40.3	

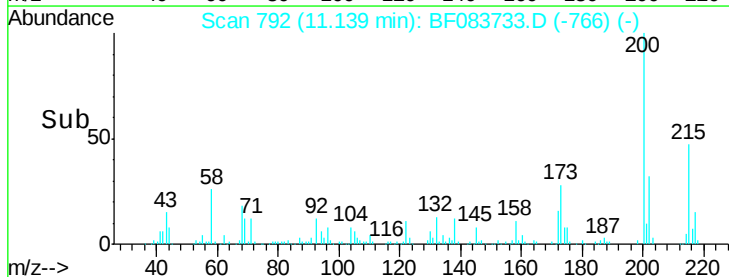
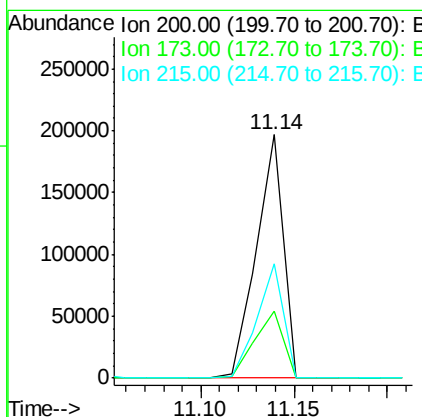
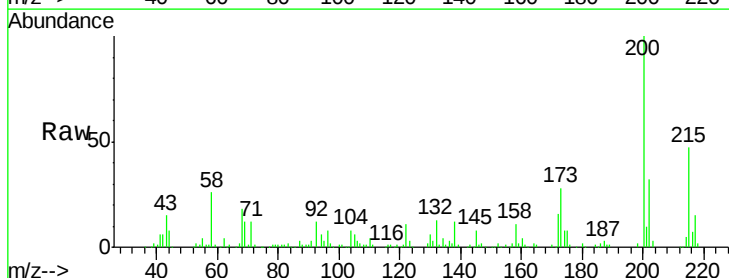
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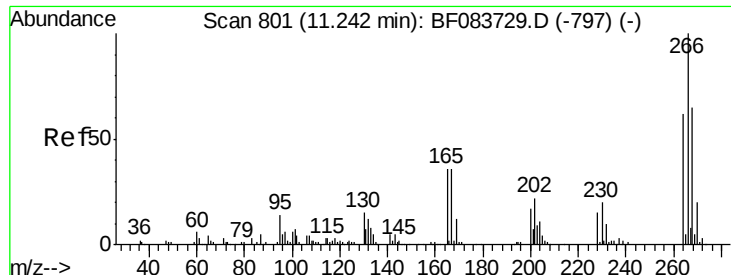
MMdadoda
12/14/2015 6:23:39 PM



#68
Atrazine
Concen: 47.34 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	196068		
173	27.7	7.8	47.8	
215	46.8	25.7	65.7	





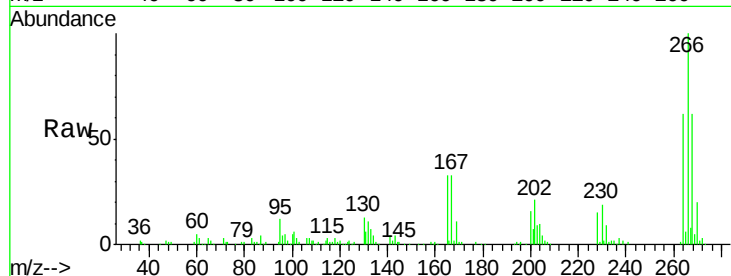
#69
 Pentachlorophenol
 Concen: 44.91 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

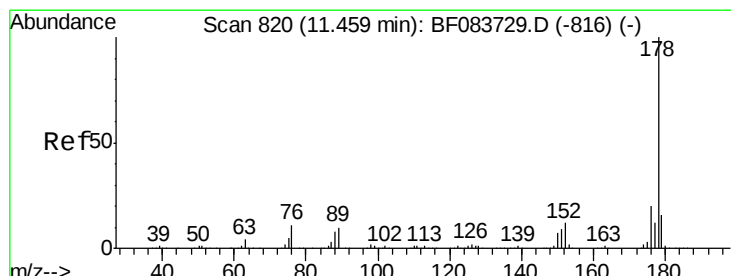
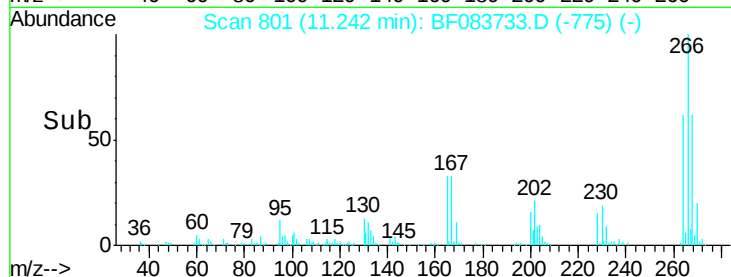
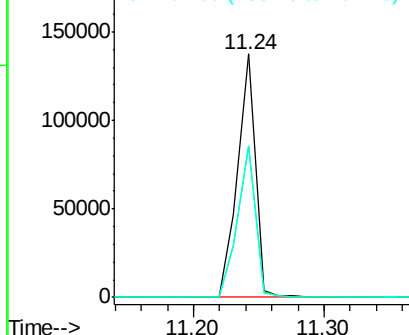
Tot Ion	Ratio	Resp	Lower	Upper
266	100	130427		
268	62.4	50.2	75.2	
264	62.2	51.4	77.2	

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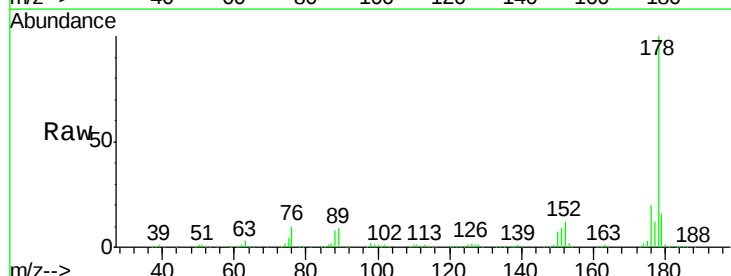


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

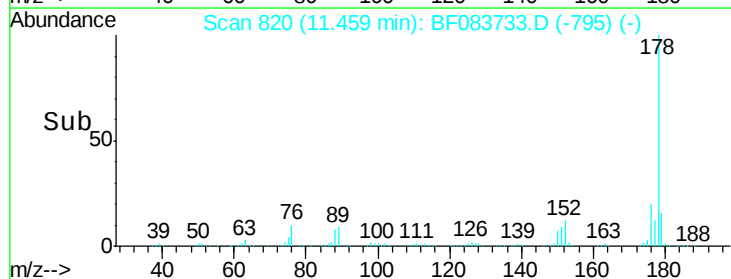
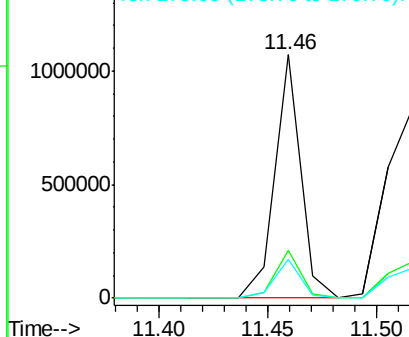


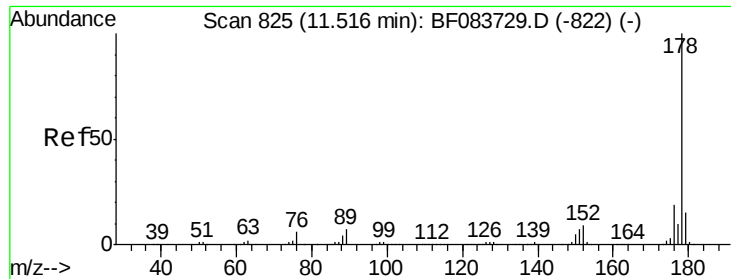
#70
 Phenanthrene
 Concen: 39.80 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	899872		
176	19.9	15.7	23.5	
179	15.8	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





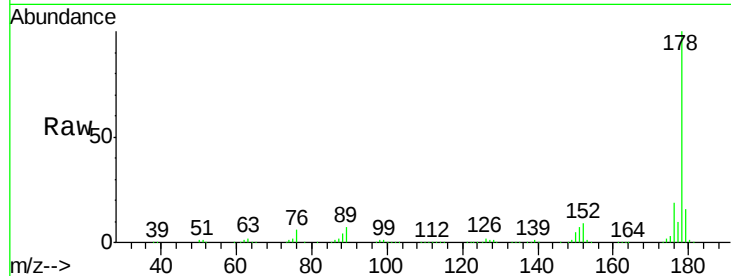
#71
 Anthracene
 Concen: 42.08 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

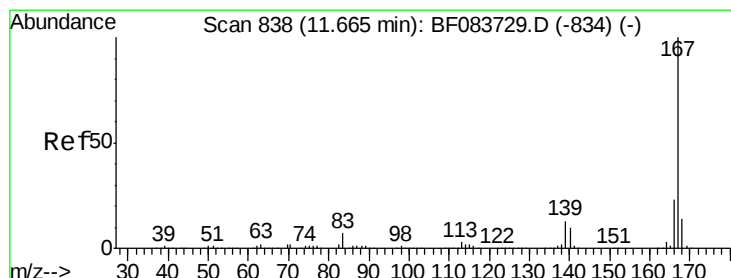
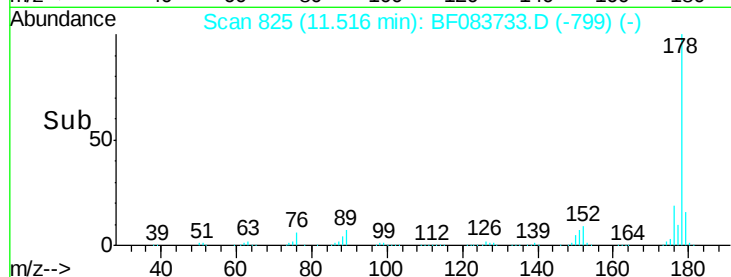
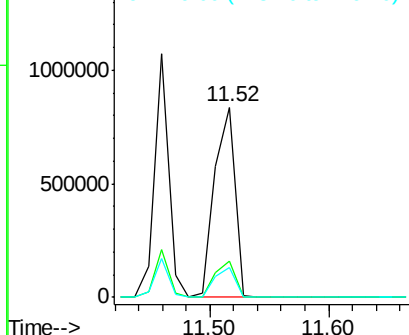
Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		988108		
176	19.2	15.2		22.8	
179	15.8	12.6		18.8	

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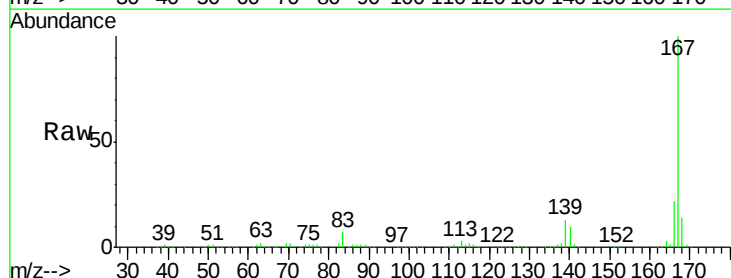


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

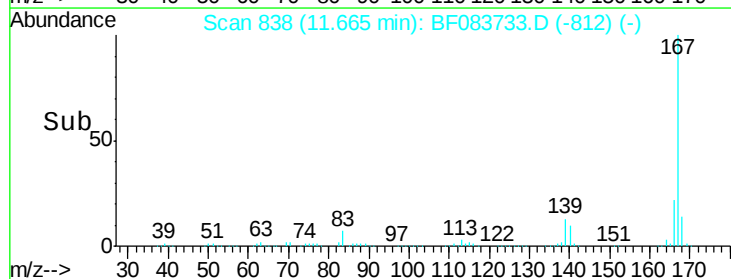
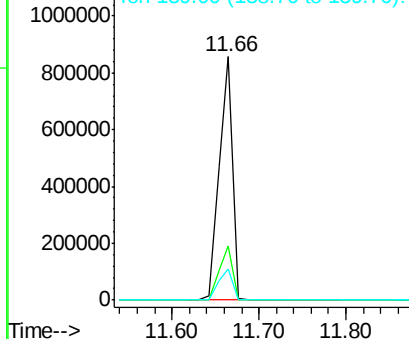


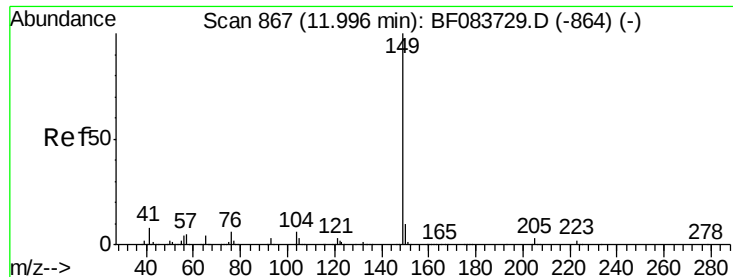
#72
 Carbazole
 Concen: 42.58 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100		931562		
166	22.4	17.2		25.8	
139	12.9	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: 39.75 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

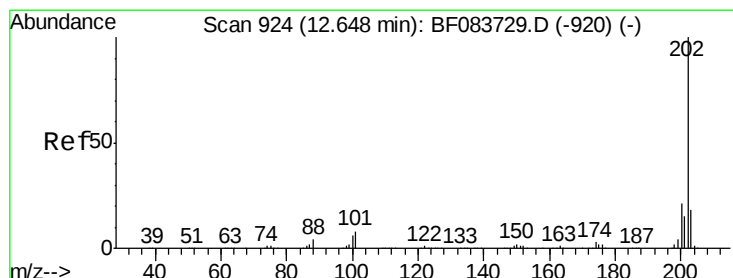
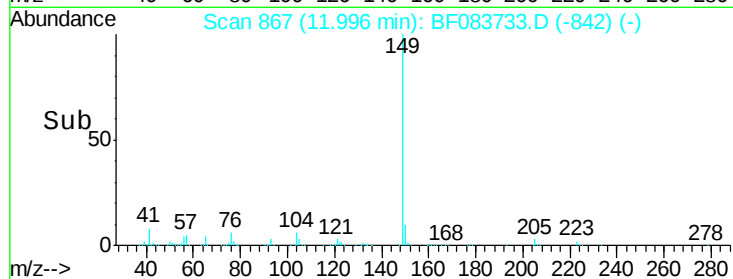
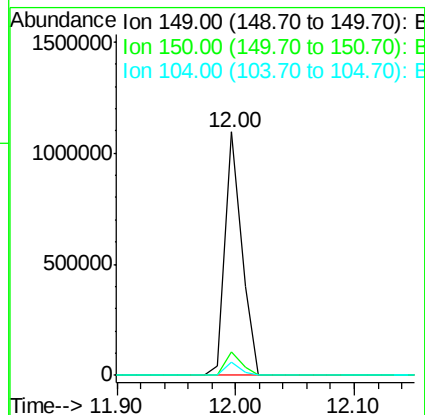
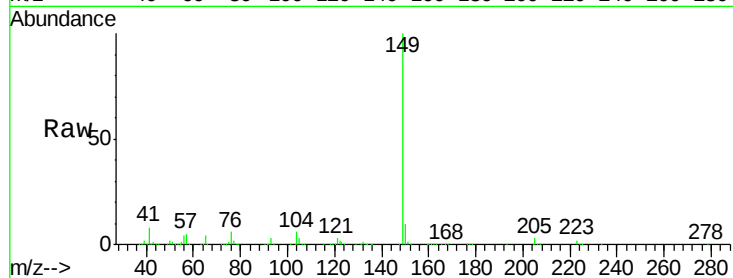
ClientSampleId :

ICVBF121315

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Tot Ion:	149	Resp:	1056229
Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.8	11.6
104	5.6	3.9	5.9



#74

Fluoranthene

Concen: 40.18 ng

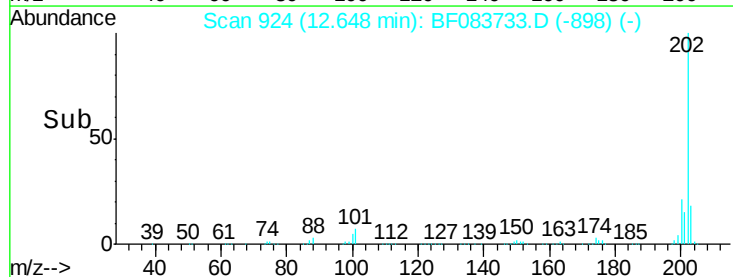
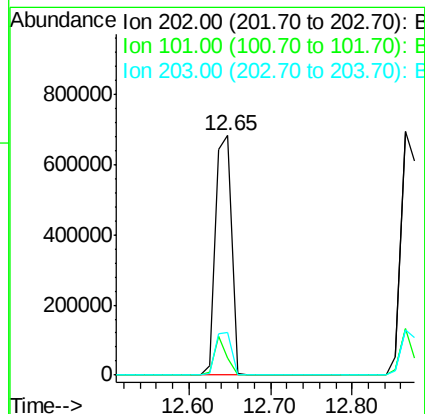
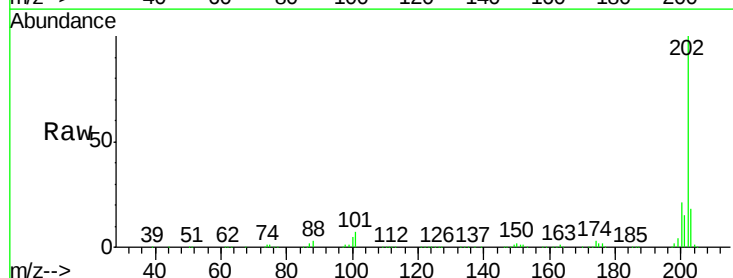
RT: 12.65 min Scan# 924

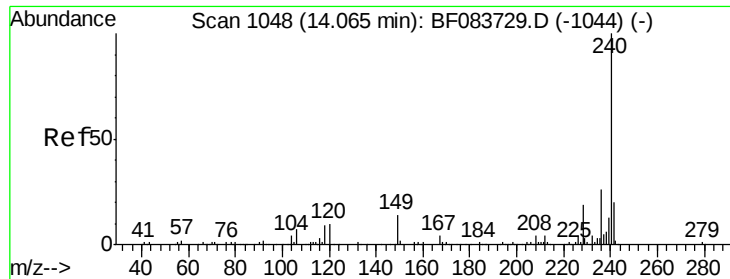
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	202	Resp:	938593
Ion	Ratio	Lower	Upper
202	100		
101	7.2	0.0	31.5
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1048

Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

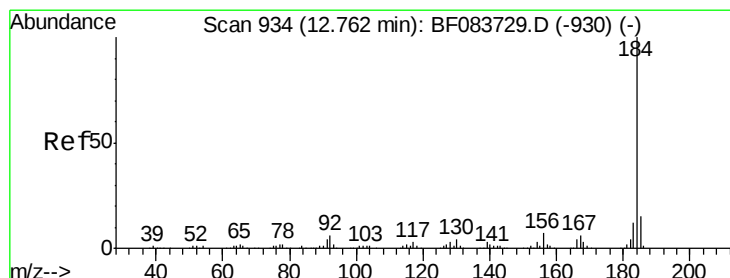
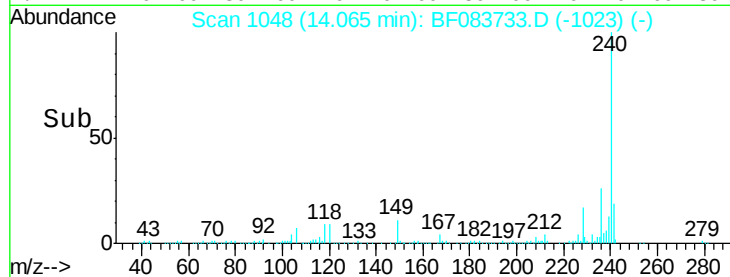
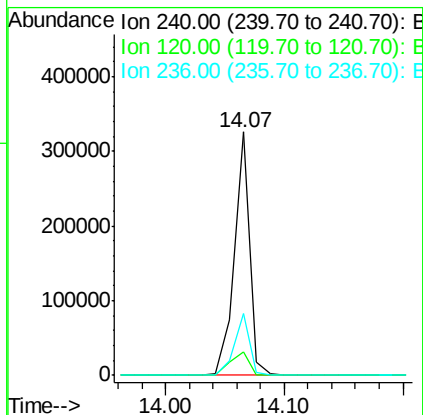
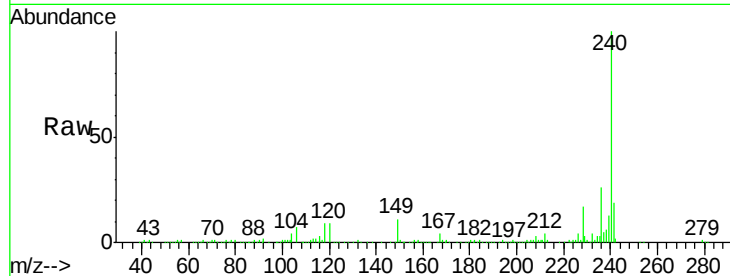
ClientSampleId :

ICVBF121315

Tot Ion:	240	Resp:	291798
Ion Ratio		Lower	Upper
240	100		
120	9.4	8.1	12.1
236	25.6	20.8	31.2

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#76

Benzidine

Concen: 44.84 ng

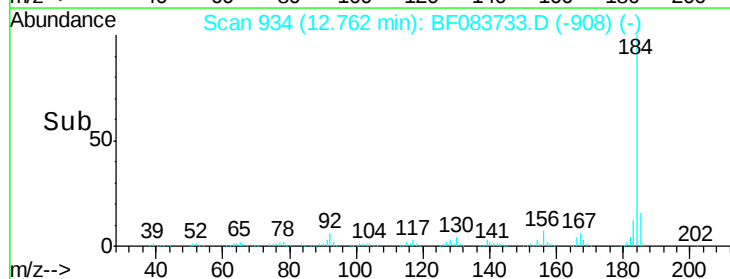
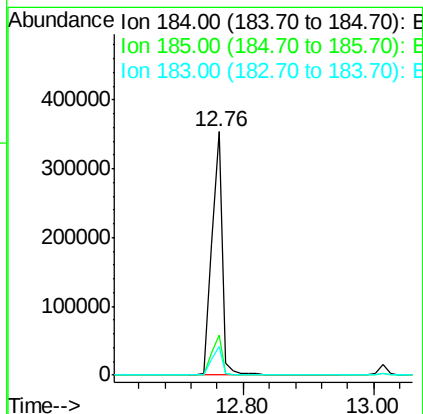
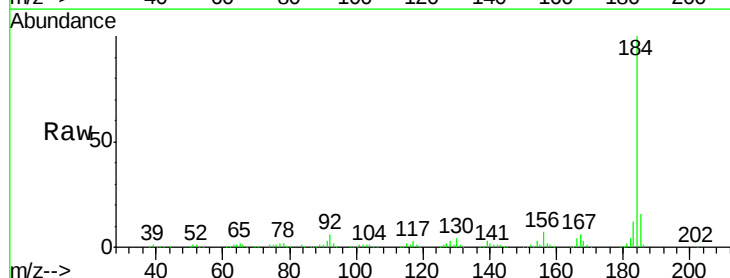
RT: 12.76 min Scan# 934

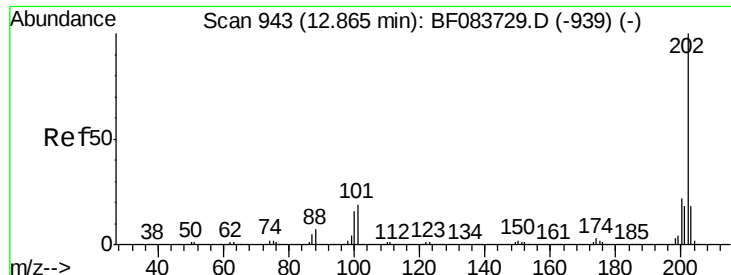
Delta R.T. 0.00 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	184	Resp:	398666
Ion Ratio		Lower	Upper
184	100		
185	16.4	13.0	19.6
183	11.9	9.0	13.4





#77

Pvrene

Concen: 40.68 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF083733.D

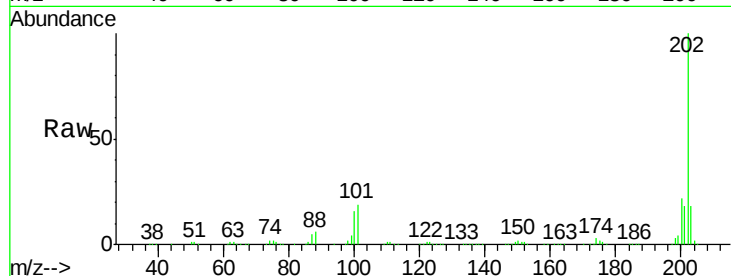
Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

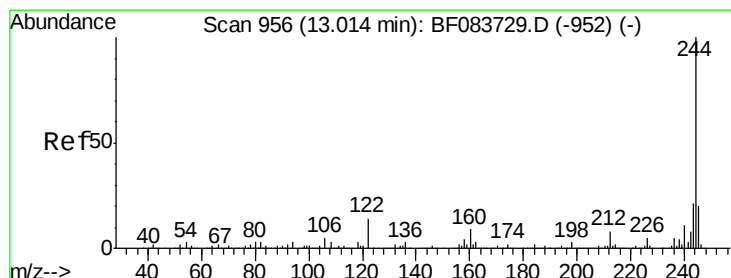
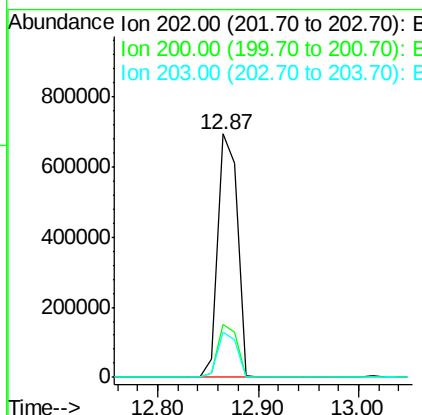
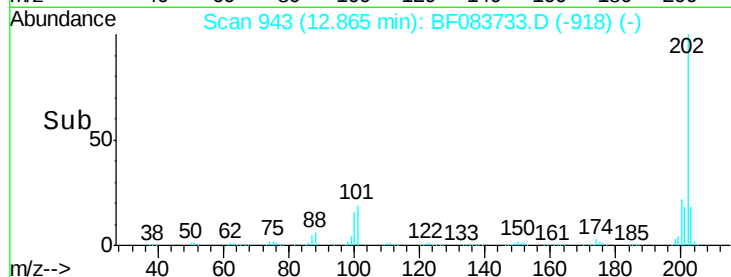
ICVBF121315



Tot Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.7	25.1
203	18.3	14.3	21.5

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#78

Terphenyl-d14

Concen: 75.78 ng

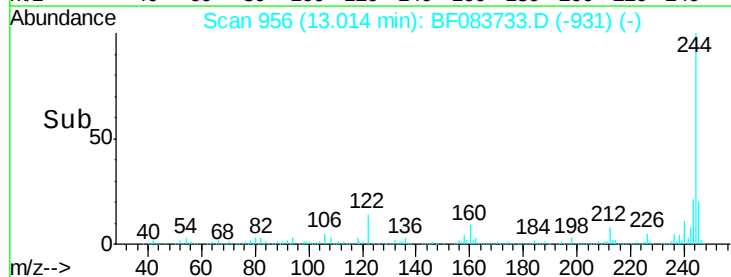
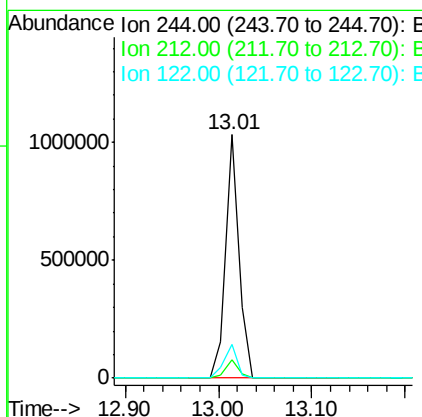
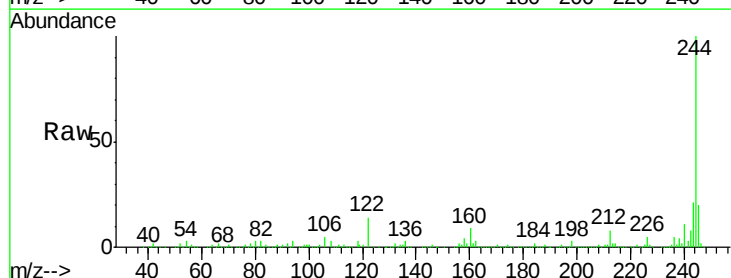
RT: 13.01 min Scan# 956

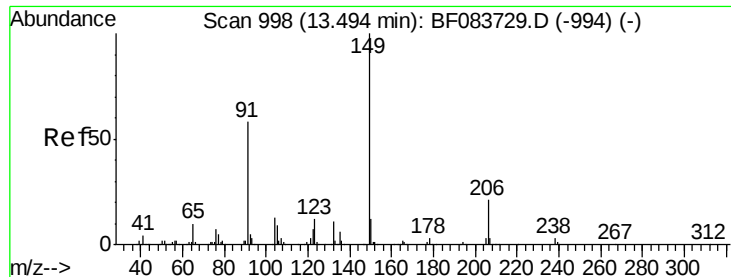
Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.8	11.0	16.6





#79

Butylbenzylphthalate

Concen: 43.03 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083733.D

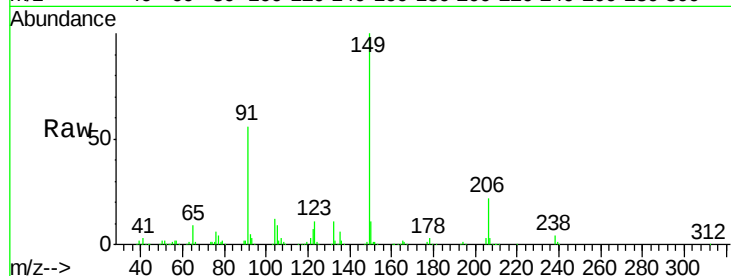
Acq: 13 Dec 2015 17:05

Instrument :

BNA_F

ClientSampleId :

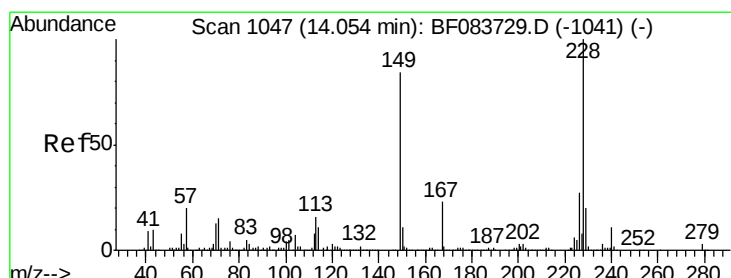
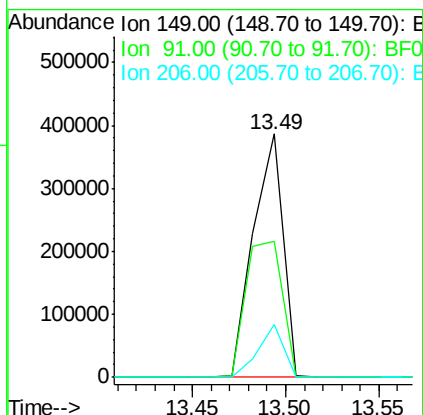
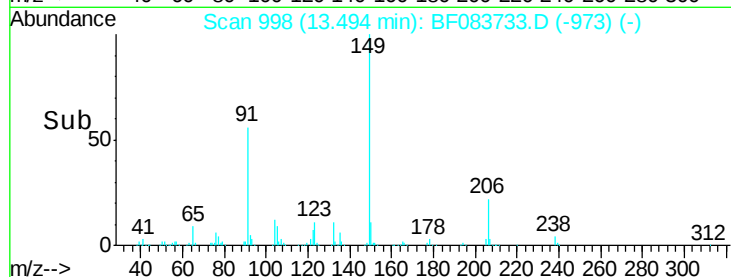
ICVBF121315



Tot Ion:	149	Resp:	425891
Ion Ratio	Lower	Upper	
149	100		
91	55.9	60.0	90.0#
206	21.6	16.2	24.4

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#80

Benzo(a)anthracene

Concen: 39.94 ng

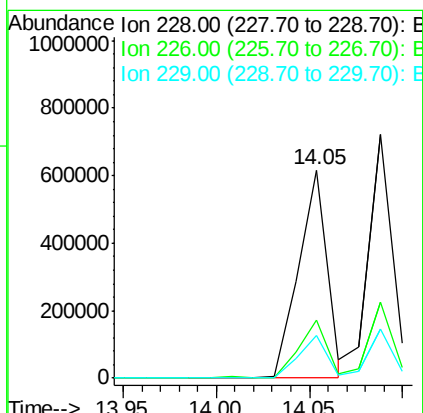
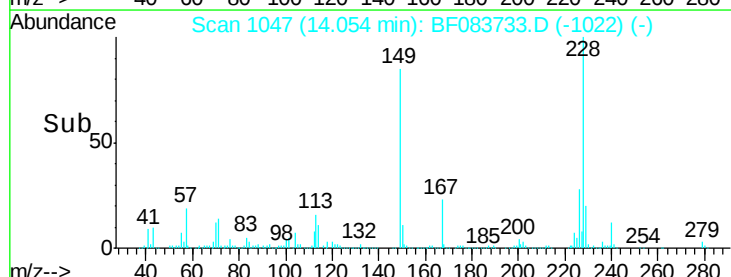
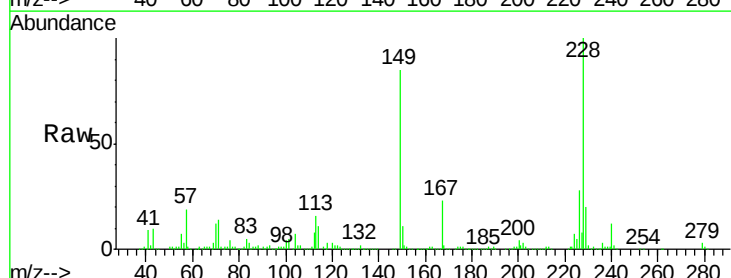
RT: 14.05 min Scan# 1047

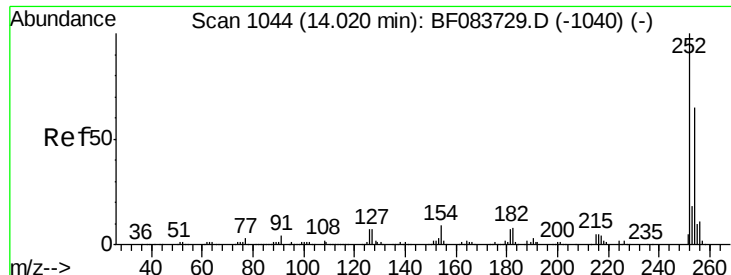
Delta R.T. -0.01 min

Lab File: BF083733.D

Acq: 13 Dec 2015 17:05

Tgt Ion:	228	Resp:	662629
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.3	33.5
229	20.3	15.7	23.5





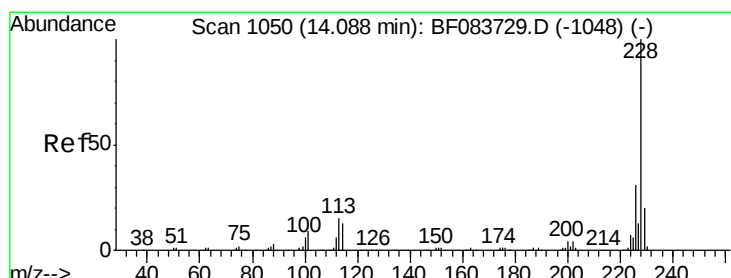
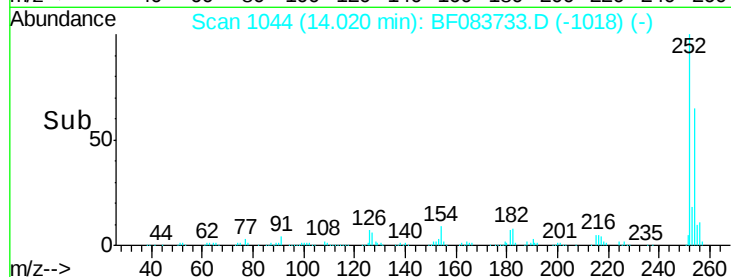
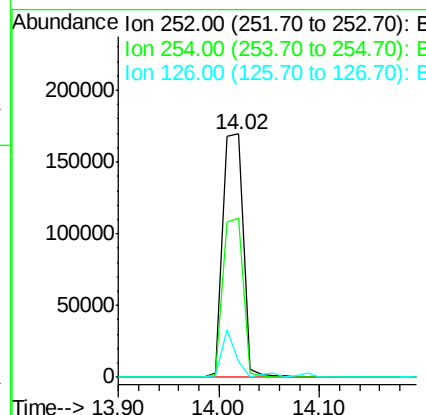
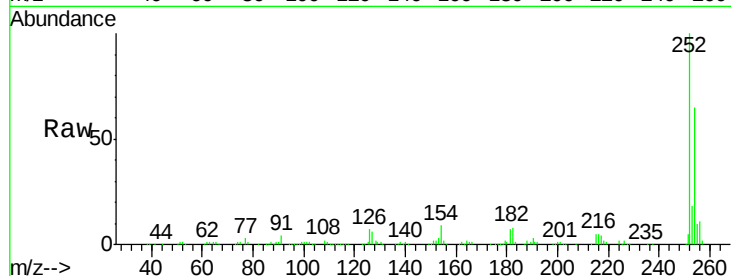
#81
 3,3'-Dichlorobenzidine
 Concen: 40.18 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.5	50.6	76.0
126	6.7	11.0	16.4

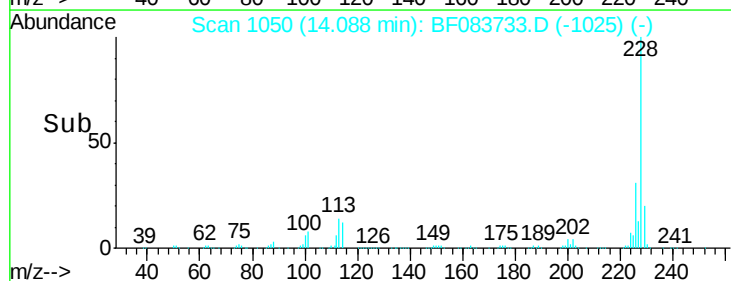
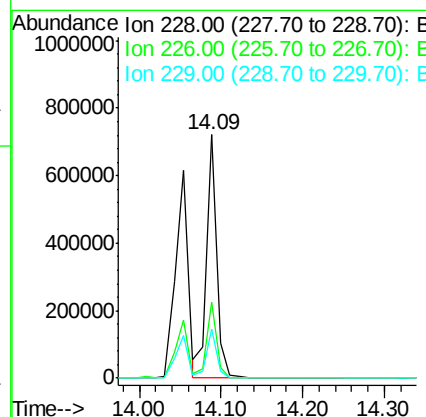
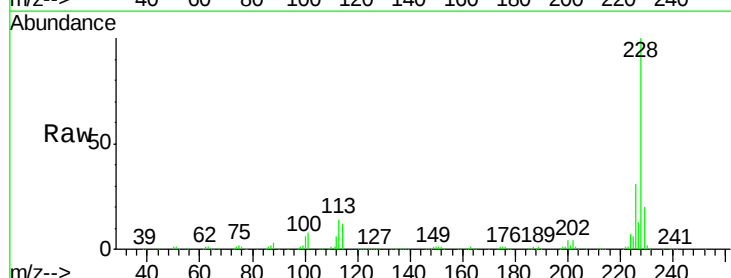
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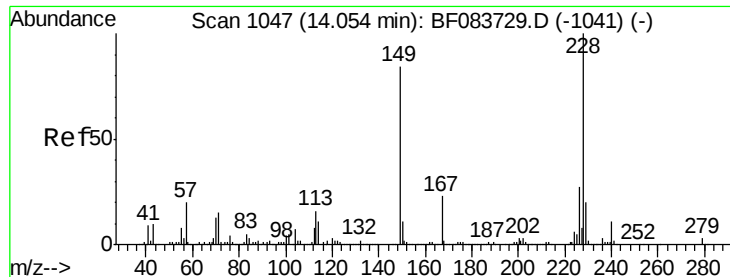
MMdadoda
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#82
 Chrysene
 Concen: 39.70 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.2	24.7	37.1
229	20.2	16.3	24.5





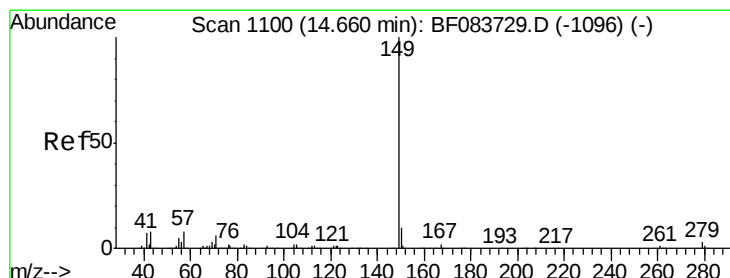
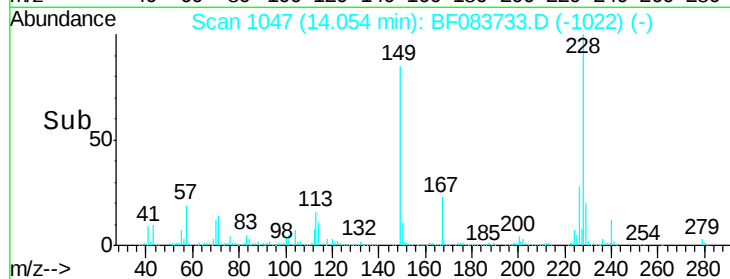
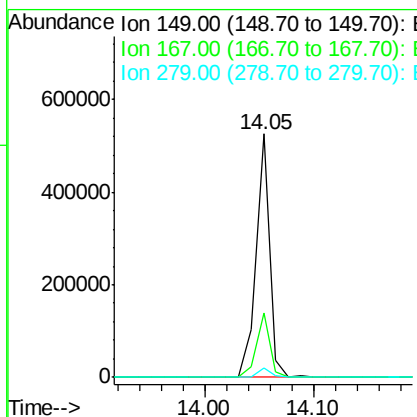
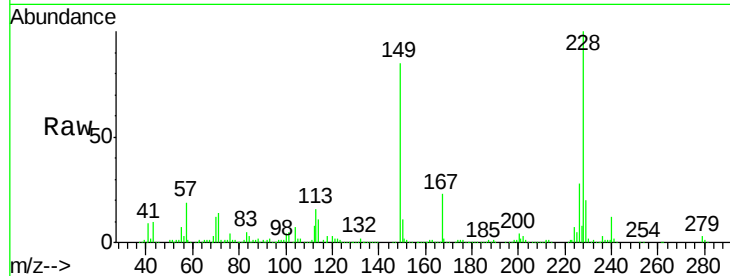
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 41.08 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion:	149	Resp:	462750
Ion Ratio		Lower	Upper
149	100		
167	26.6	21.8	32.8
279	3.6	3.0	4.4

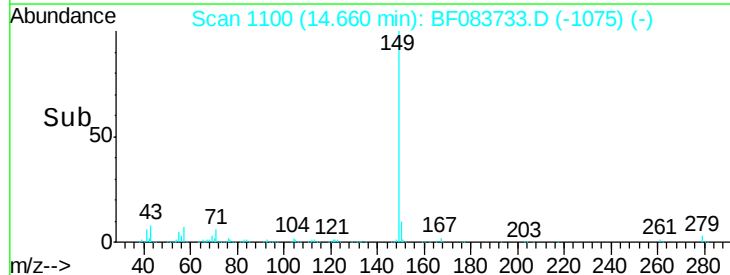
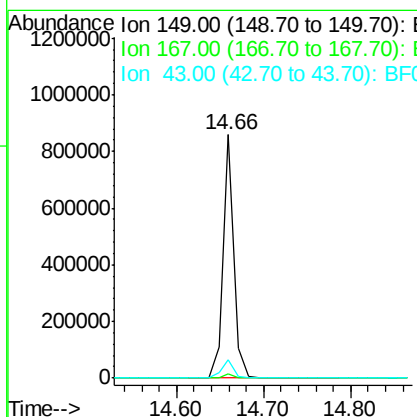
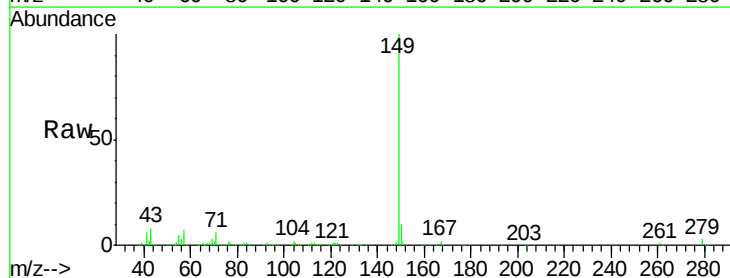
Manual Integrations
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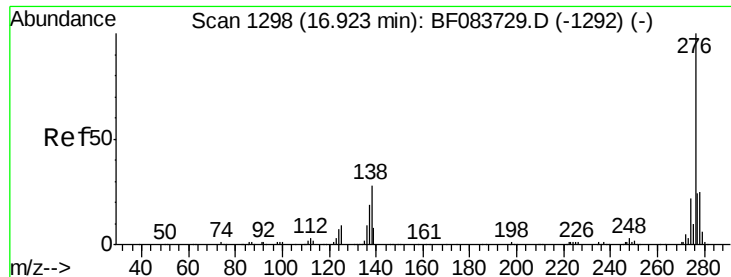
MMdadoda
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#84
 Di-n-octyl phthalate
 Concen: 41.65 ng
 RT: 14.66 min Scan# 1100
 Delta R.T. -0.01 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Tgt Ion:	149	Resp:	745681
Ion Ratio		Lower	Upper
149	100		
167	1.5	0.0	0.0#
43	8.5	0.0	0.0#





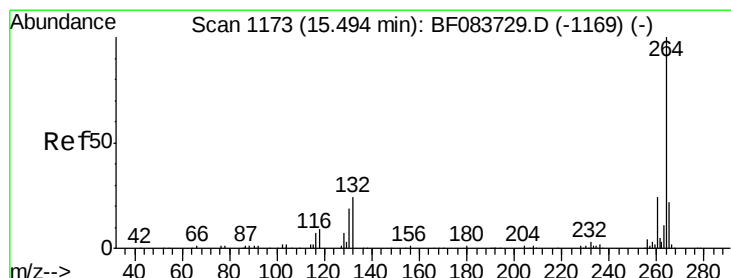
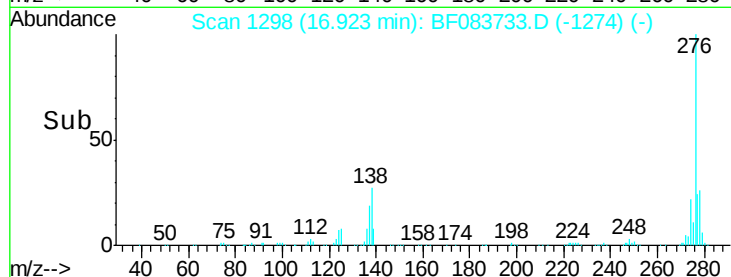
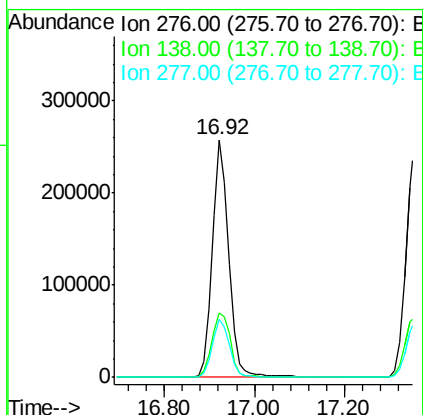
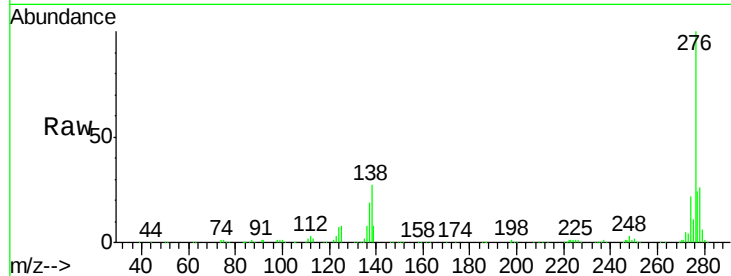
#85
Indeno(1,2,3-cd)pyrene
Concen: 41.38 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	31.0	0.0	0.0#
277	25.7	0.0	0.0#

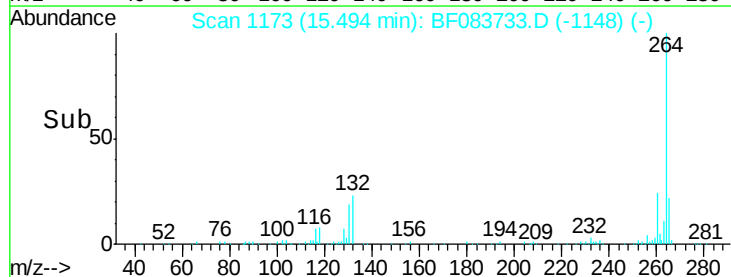
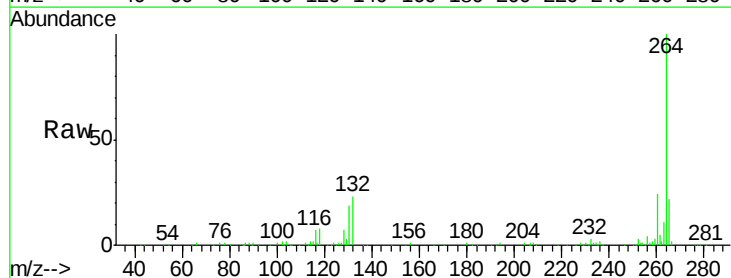
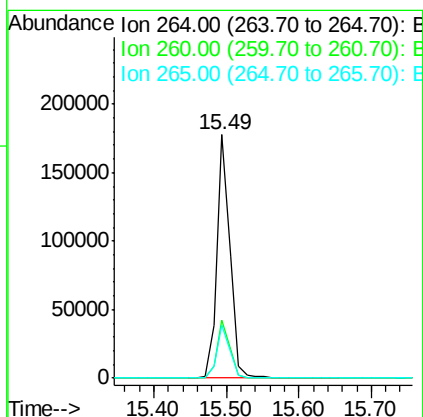
Manual Integrations
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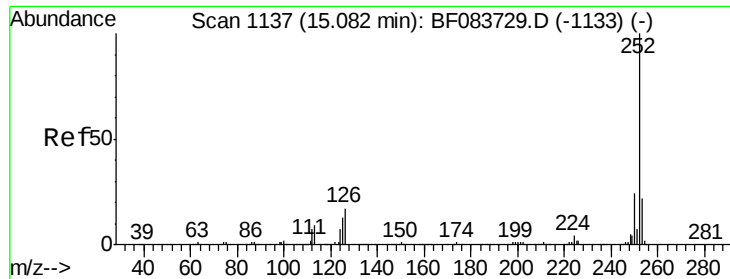
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.6	17.8	26.6





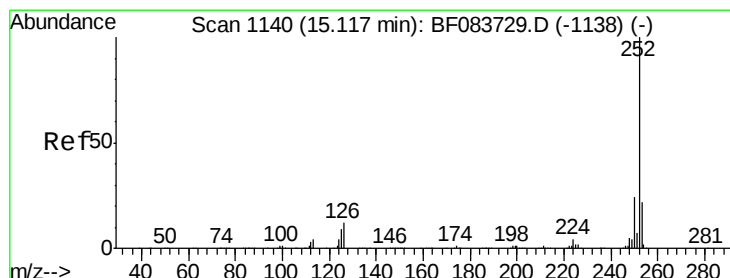
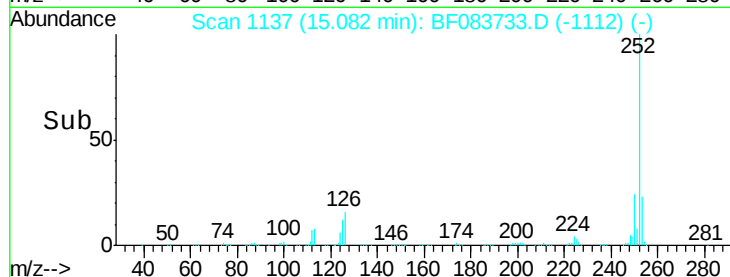
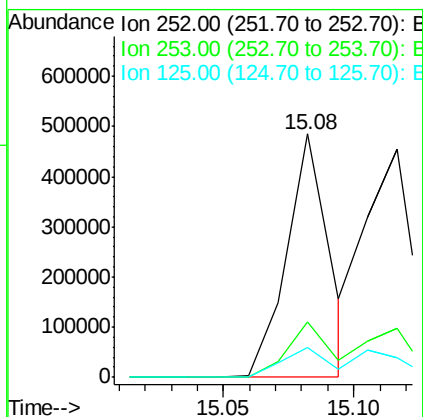
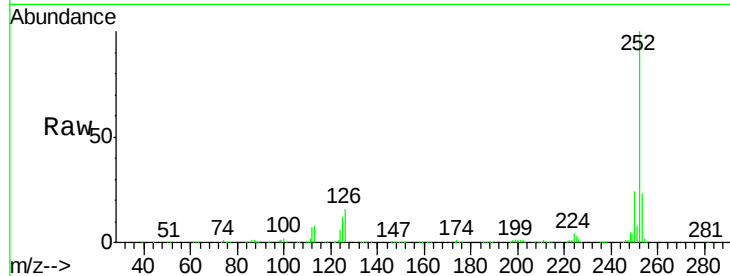
#87
Benzo(b)fluoranthene
Concen: 38.46 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	12.4	8.2	12.4#

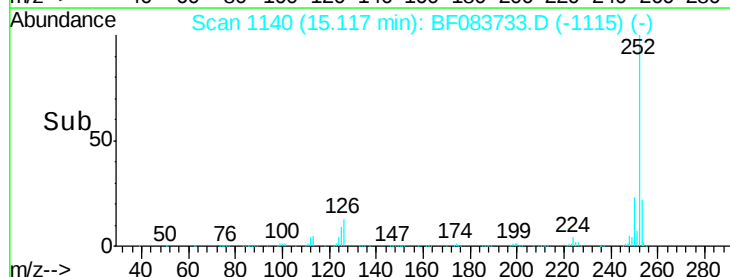
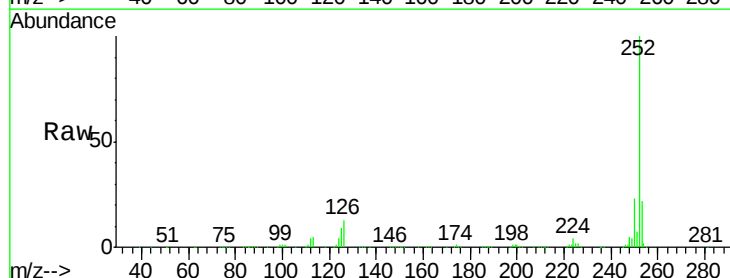
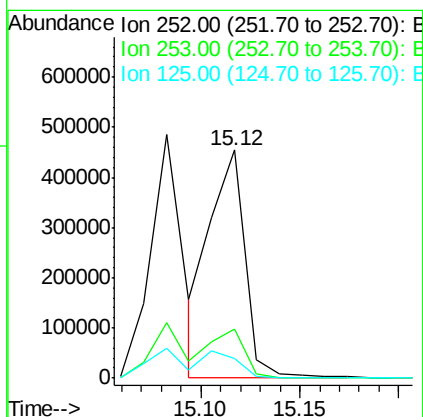
Manual Integrations
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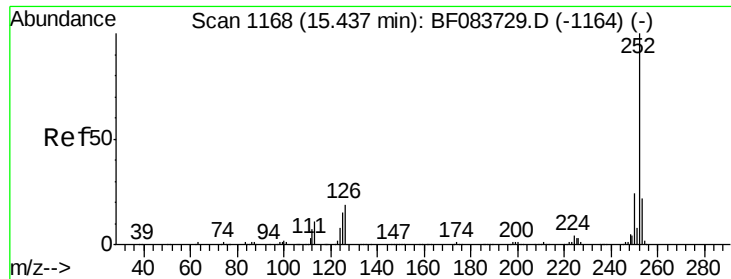
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#88
Benzo(k)fluoranthene
Concen: 44.36 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.6	27.8
125	8.6	11.5	17.3#





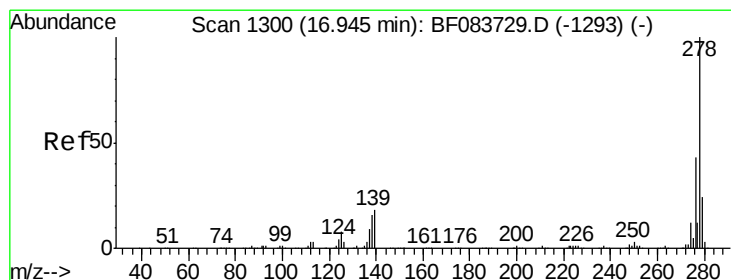
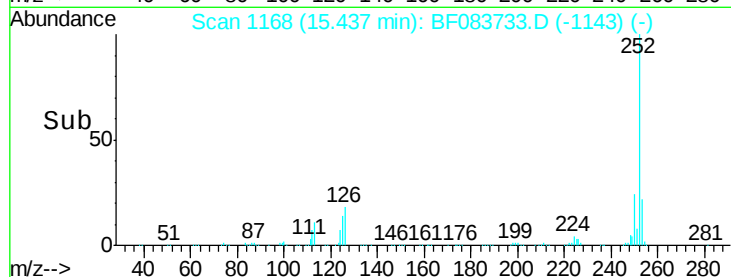
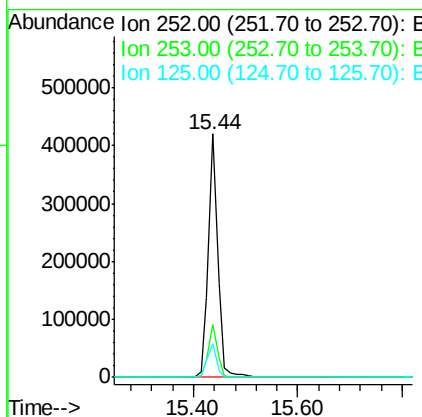
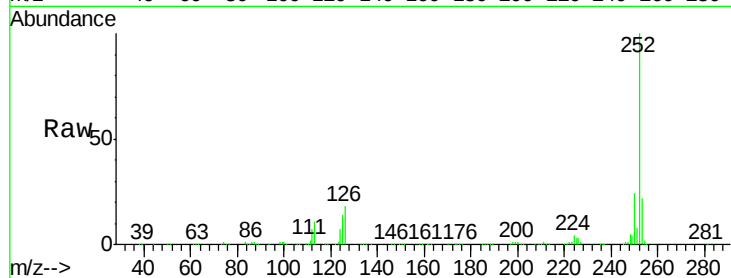
#89
Benzo(a)pyrene
Concen: 41.60 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Instrument :
BNA_F
ClientSampleId :
ICVBF121315

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.5	26.3
125	13.9	11.0	16.6

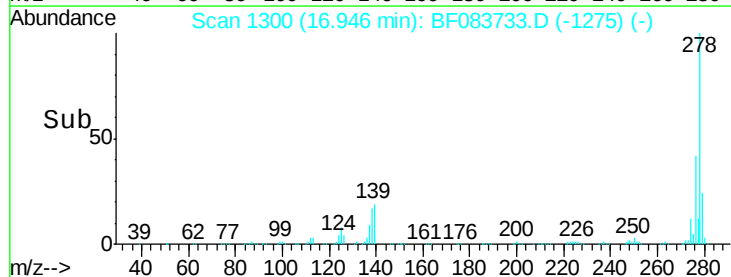
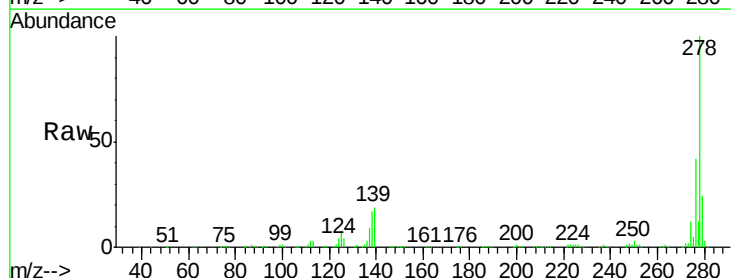
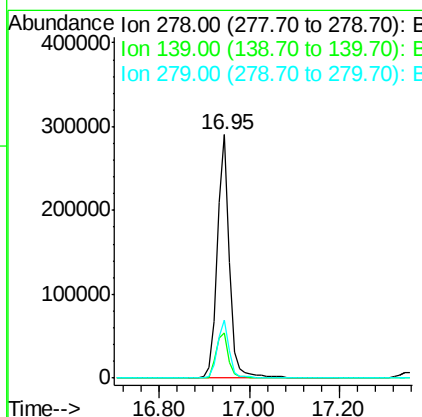
Manual Integrations
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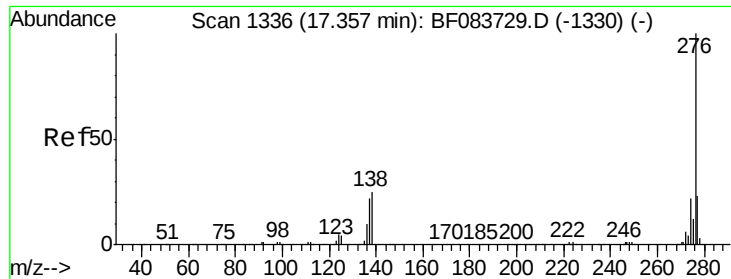
MMdadoda
12/14/2015 6:23:39 PM



#90
Dibenzo(a,h)anthracene
Concen: 43.41 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF083733.D
Acq: 13 Dec 2015 17:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.7	12.8	19.2
279	23.8	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 43.43 ng
 RT: 17.36 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF083733.D
 Acq: 13 Dec 2015 17:05

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF121315

Tot Ion:	276	Resp:	561924
Ion Ratio	Lower	Upper	
276	100		
277	23.7	19.2	28.8
138	24.4	19.5	29.3

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:39 PM

