

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083735.D
 Acq On : 13 Dec 2015 18:01
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:42 PM

Quant Time: Dec 14 03:31:51 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	112573	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	427658	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	201722	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	372937	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	245780	20.00	ng	-0.01
86) Perylene-d12	15.49	264	212663	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	576428	82.61	ng	-0.01
7) Phenol-d6	6.54	99	742337	84.00	ng	0.00
23) Nitrobenzene-d5	7.48	82	677195	88.59	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	171154	83.27	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	1135248	81.39	ng	-0.01
78) Terphenyl-d14	13.01	244	929429	81.34	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.54	88	142592	42.26	ng	# 81
3) Pyridine	3.29	79	368630	43.42	ng	# 84
4) n-Nitrosodimethylamine	3.23	42	133425	41.54	ng	# 65
6) Aniline	6.58	93	514377	42.85	ng	# 82
8) 2-Chlorophenol	6.70	128	354193	43.19	ng	# 81
9) Benzaldehyde	6.46	77	210649	44.39	ng	# 83
10) Phenol	6.56	94	456358	44.87	ng	# 73
11) bis(2-Chloroethyl)ether	6.65	93	288882	39.22	ng	# 97
12) 1,3-Dichlorobenzene	6.86	146	372284m	42.78	ng	# 98
13) 1,4-Dichlorobenzene	6.93	146	356236	40.51	ng	# 98
14) 1,2-Dichlorobenzene	7.09	146	357276	45.21	ng	# 94
15) Benzyl Alcohol	7.06	79	295221	45.47	ng	# 69
16) 2,2'-oxybis(1-Chloropropan	7.20	45	394656	41.26	ng	# 82
17) 2-Methylphenol	7.17	107	281060	42.63	ng	# 85
18) Hexachloroethane	7.44	117	134639	43.11	ng	# 88
19) n-Nitroso-di-n-propylamine	7.33	70	216236	39.96	ng	# 73
20) 3+4-Methylphenols	7.32	107	322162	41.39	ng	# 85
22) Acetophenone	7.33	105	453397	43.22	ng	# 95
24) Nitrobenzene	7.49	77	328250	41.26	ng	# 90
25) Isophorone	7.74	82	656331	43.76	ng	# 88
26) 2-Nitrophenol	7.81	139	161366	42.22	ng	# 97
27) 2,4-Dimethylphenol	7.86	122	322151m	42.90	ng	# 96
28) bis(2-Chloroethoxy)methane	7.95	93	362264	42.33	ng	# 97
29) 2,4-Dichlorophenol	8.05	162	255593	41.46	ng	# 97
30) 1,2,4-Trichlorobenzene	8.14	180	271707	42.50	ng	# 98
31) Naphthalene	8.22	128	955475	42.86	ng	# 87
32) Benzoic acid	7.96	122	216146m	46.18	ng	# 99
33) 4-Chloroaniline	8.27	127	425991	46.78	ng	# 61
34) Hexachlorobutadiene	8.35	225	153352	43.71	ng	# 82
35) Caprolactam	8.64	113	90693	45.81	ng	# 97
36) 4-Chloro-3-methylphenol	8.75	107	312404	43.32	ng	# 100
37) 2-Methylnaphthalene	8.91	142	583461	41.69	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	249942	42.00	ng	
40) Hexachlorocyclopentadiene	9.08	237	135830	45.04	ng	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	185689	42.63	nq	99
43) 2,4,5-Trichlorophenol	9.23	196	186477	45.13	nq	# 92
45) 1,1'-Biphenyl	9.38	154	761842	42.61	nq	97
46) 2-Chloronaphthalene	9.40	162	558908	42.35	nq	# 92
47) 2-Nitroaniline	9.49	65	180590	48.25	nq	# 56
48) Acenaphthylene	9.81	152	921513	41.50	nq	99
49) Dimethylphthalate	9.68	163	639100	40.64	nq	99
50) 2,6-Dinitrotoluene	9.73	165	148669	44.54	nq	# 86
51) Acenaphthene	9.98	154	552944	41.20	nq	99
52) 3-Nitroaniline	9.90	138	172164	44.74	nq	# 58
53) 2,4-Dinitrophenol	10.00	184	50401	38.59	nq	# 1
54) Dibenzofuran	10.16	168	729988	41.05	nq	# 90
55) 4-Nitrophenol	10.05	139	142428	49.99	nq	# 74
56) 2,4-Dinitrotoluene	10.13	165	195243	44.78	nq	# 76
57) Fluorene	10.50	166	556998	39.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	130117	41.98	nq	# 100
59) Diethylphthalate	10.37	149	672399	42.23	nq	97
60) 4-Chlorophenyl-phenylether	10.50	204	282371	44.22	nq	95
61) 4-Nitroaniline	10.51	138	150786	44.45	nq	97
62) Azobenzene	10.65	77	629652	43.38	nq	95
64) 4,6-Dinitro-2-methylphenol	10.54	198	96350	45.41	nq	# 48
65) n-Nitrosodiphenylamine	10.61	169	573765	44.98	nq	98
66) 4-Bromophenyl-phenylether	10.98	248	169458	40.64	nq	# 74
67) Hexachlorobenzene	11.05	284	186168	41.26	nq	# 86
68) Atrazine	11.14	200	176133	48.53	nq	97
69) Pentachlorophenol	11.24	266	114019	44.80	nq	97
70) Phenanthrene	11.46	178	827084	41.75	nq	99
71) Anthracene	11.52	178	869383	42.25	nq	99
72) Carbazole	11.66	167	821822	42.87	nq	98
73) Di-n-butylphthalate	12.00	149	937316	40.26	nq	99
74) Fluoranthene	12.65	202	858310	41.93	nq	95
76) Benzidine	12.76	184	386651	51.63	nq	99
77) Pyrene	12.86	202	831209	42.79	nq	98
79) Butylbenzylphthalate	13.49	149	372921	44.73	nq	# 83
80) Benzo(a)anthracene	14.05	228	614318	43.96	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	226678	44.96	nq	# 95
82) Chrysene	14.09	228	623495	45.74	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	425599	44.85	nq	99
84) Di-n-octyl phthalate	14.66	149	716434	47.51	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.92	276	643119	48.04	nq	# 100
87) Benzo(b)fluoranthene	15.08	252	535825	39.49	nq	97
88) Benzo(k)fluoranthene	15.12	252	556876m	45.30	nq	
89) Benzo(a)pyrene	15.44	252	522353	43.15	nq	99
90) Dibenzo(a,h)anthracene	16.95	278	533393	44.31	nq	98
91) Benzo(g,h,i)perylene	17.36	276	542922	43.87	nq	98

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

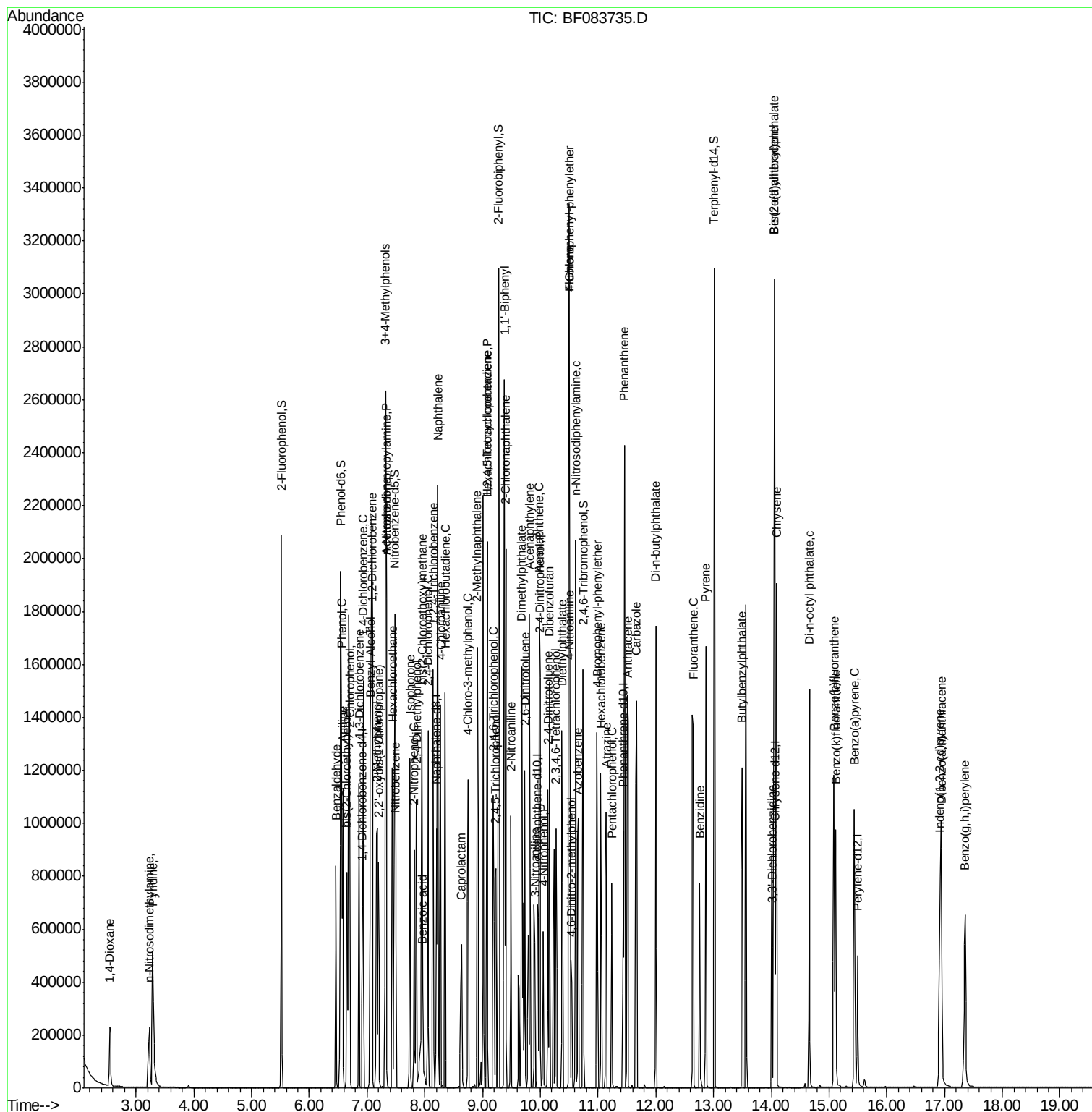
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083735.D
Acq On    : 13 Dec 2015   18:01
Operator  : UM/IZ
Sample    : SSTCCCC040
Misc      :
ALS Vial  : 5      Sample Multiplier: 1
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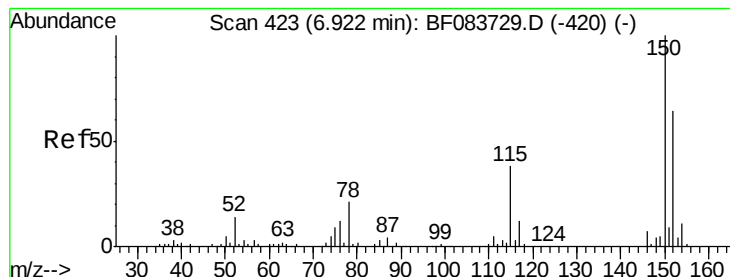
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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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: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

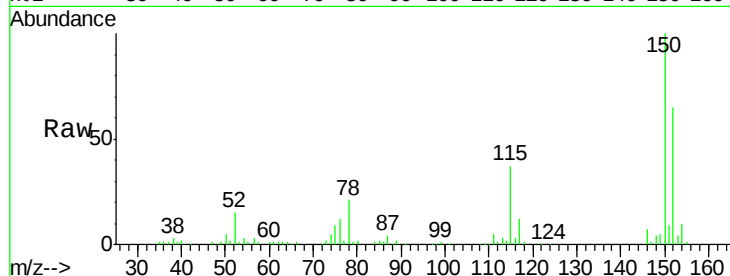
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SSTDCCC040

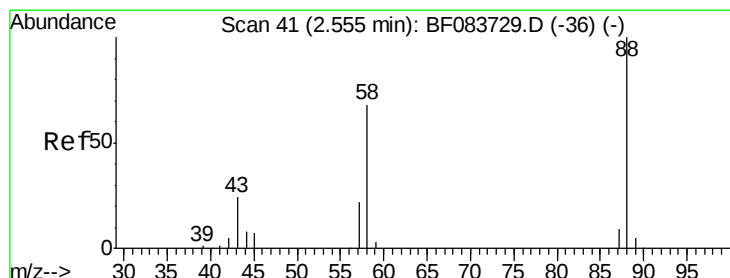
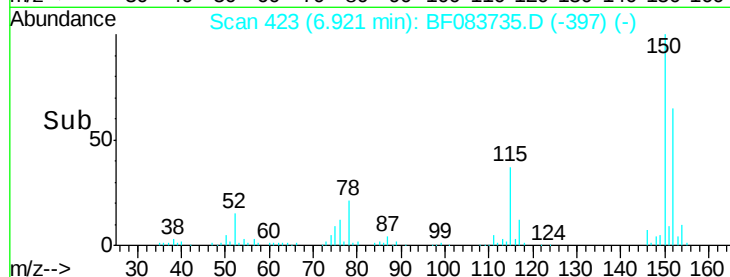
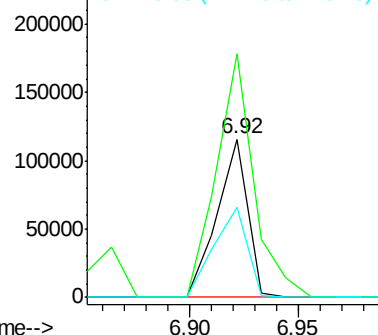
Tot Ion:	152	Resp:	112573
Ion Ratio	Lower	Upper	
152	100		
150	154.0	126.5	189.7
115	57.2	52.3	78.5

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



#2

1,4-Dioxane

Concen: 42.26 ng

RT: 2.54 min Scan# 40

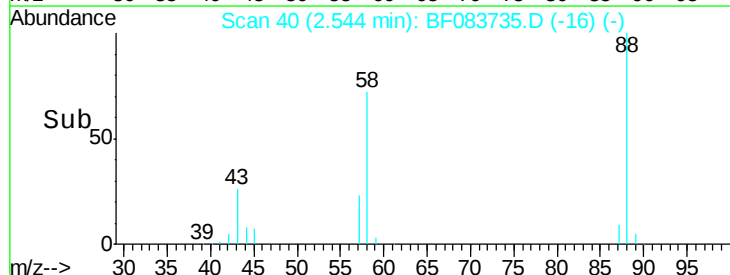
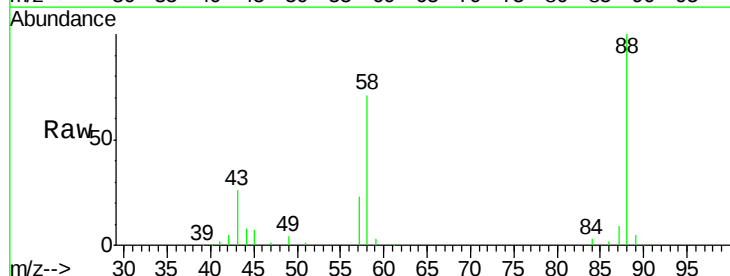
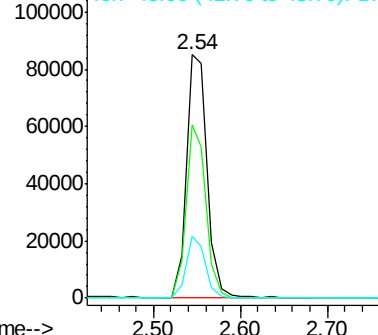
Delta R.T. -0.02 min

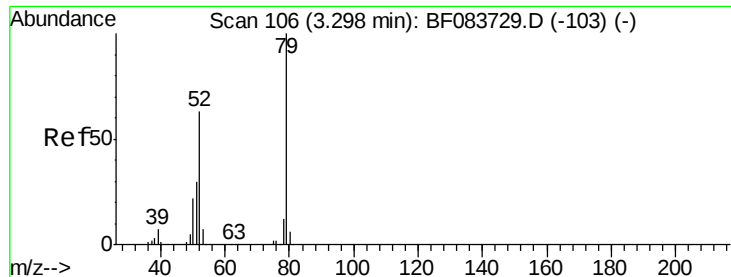
Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	88	Resp:	142592
Ion Ratio	Lower	Upper	
88	100		
58	67.6	68.0	102.0#
43	23.4	27.9	41.9#

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





#3

Pvridine

Concen: 43.42 ng

RT: 3.29 min Scan# 105

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

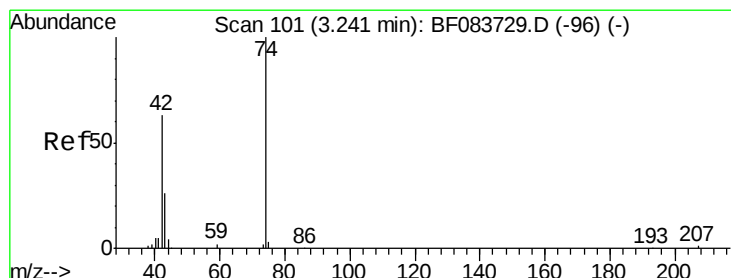
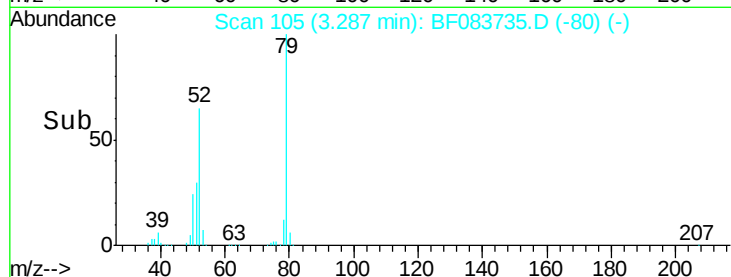
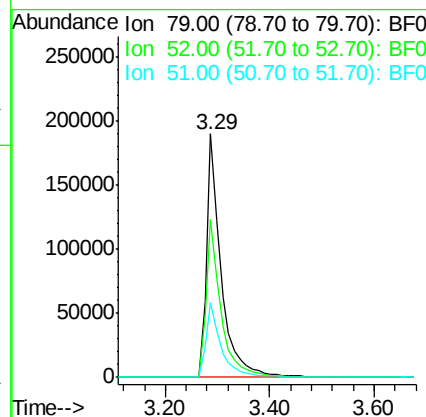
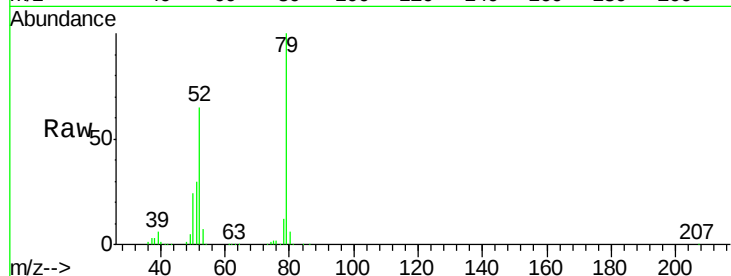
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	368630
Ion Ratio	Lower	Upper	
79	100		
52	64.7	63.7	95.5
51	30.5	30.6	45.8#

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.54 ng

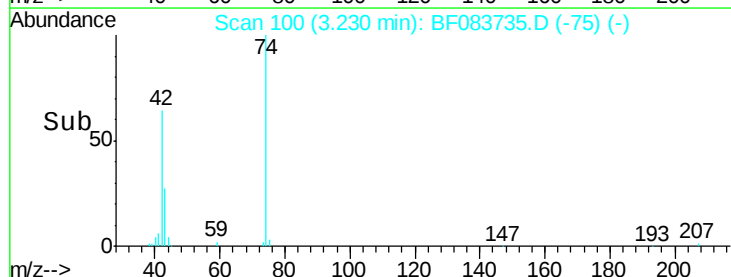
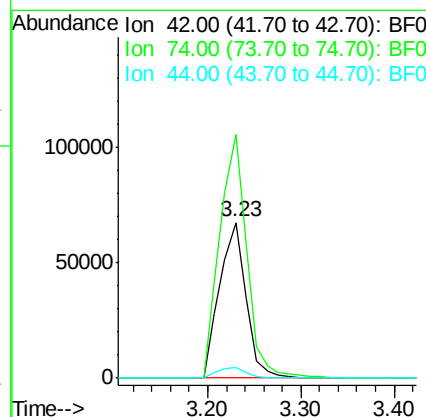
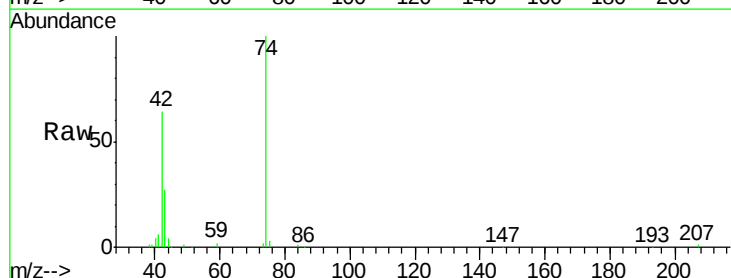
RT: 3.23 min Scan# 100

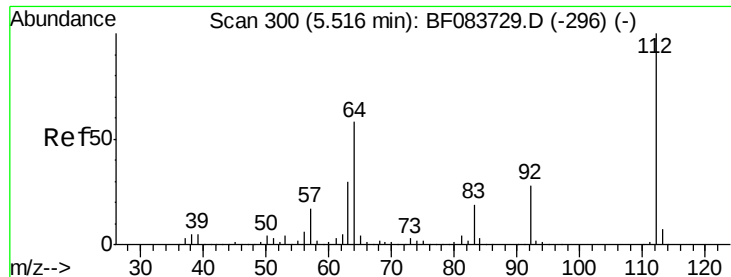
Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	42	Resp:	133425
Ion Ratio	Lower	Upper	
42	100		
74	156.8	92.9	139.3#
44	6.5	5.7	8.5





#5

2-Fluorophenol

Concen: 82.61 ng

RT: 5.52 min Scan# 300

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

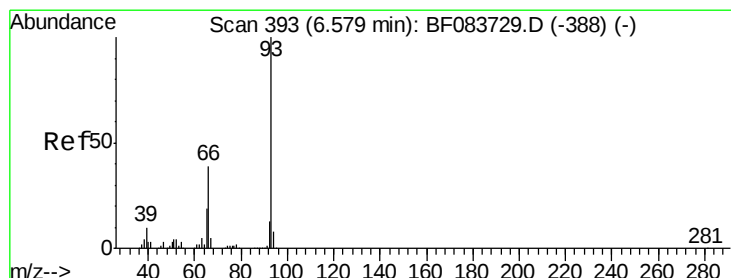
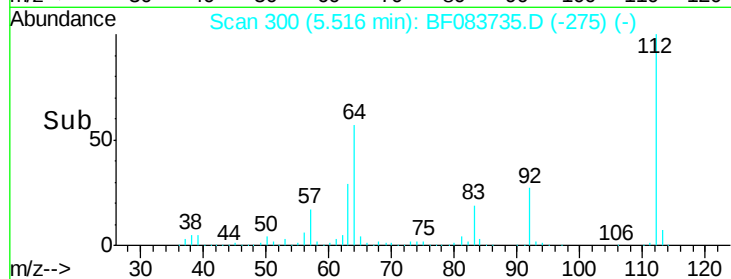
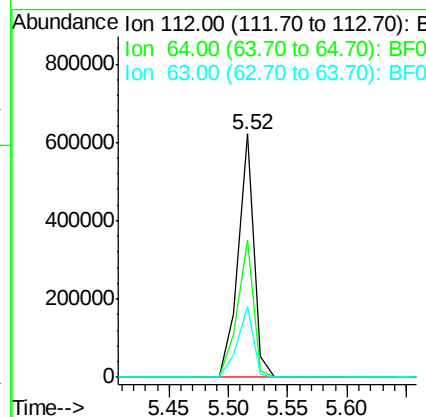
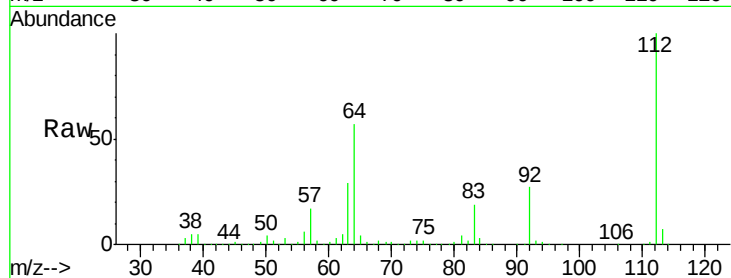
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		576428		
64	56.7	50.5	75.7		
63	29.2	25.8	38.6		

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#6

Aniline

Concen: 42.85 ng

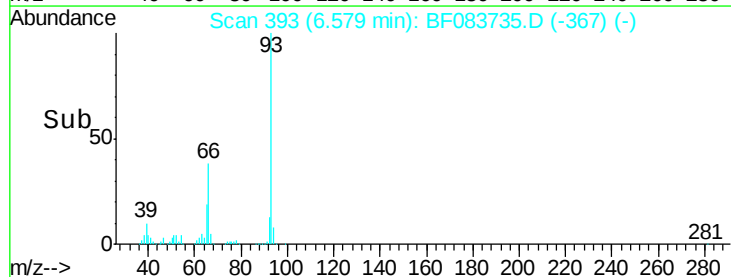
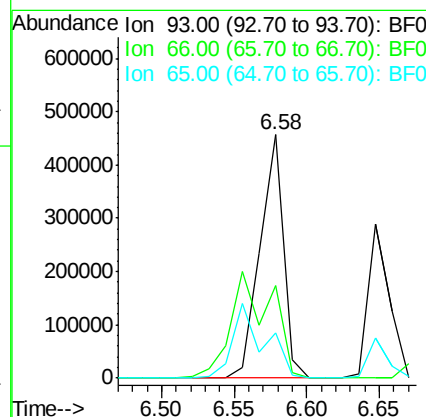
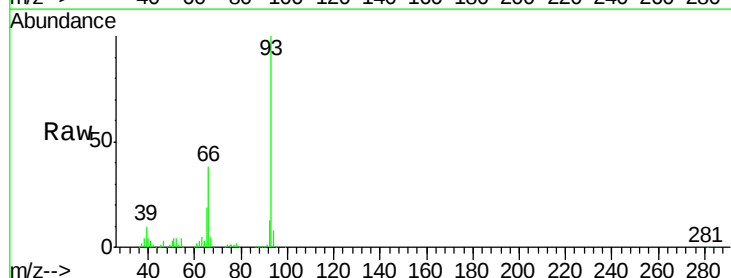
RT: 6.58 min Scan# 393

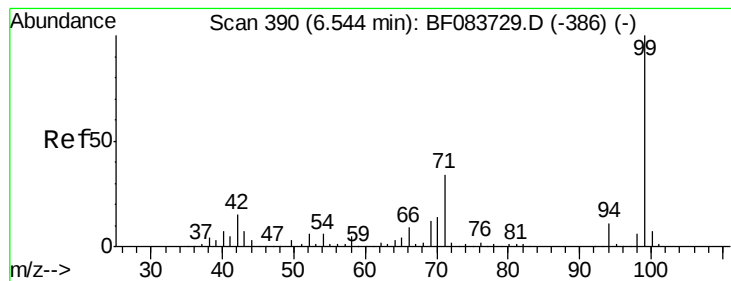
Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		514377		
66	38.1	41.3	61.9#		
65	18.7	20.8	31.2#		





#7

Phenol-d6

Concen: 84.00 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.00 min

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Tot Ion: 99 Resp: 742337
Ion Ratio Lower Upper

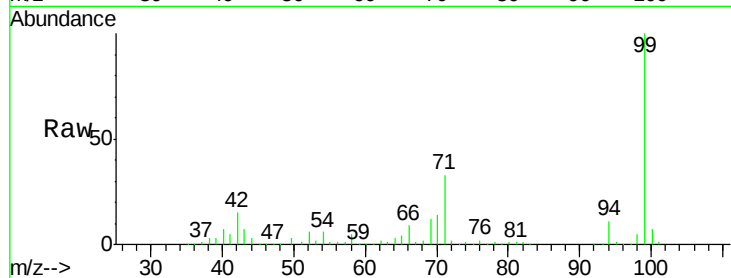
99 100

42 15.3 17.3 25.9#

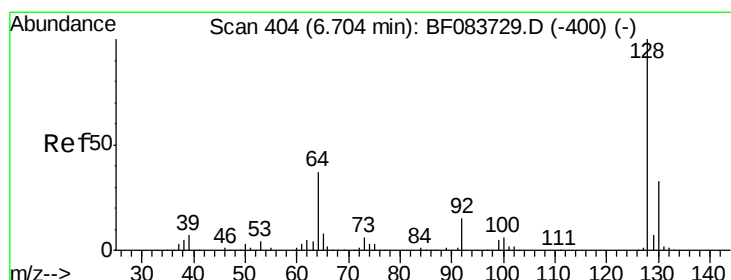
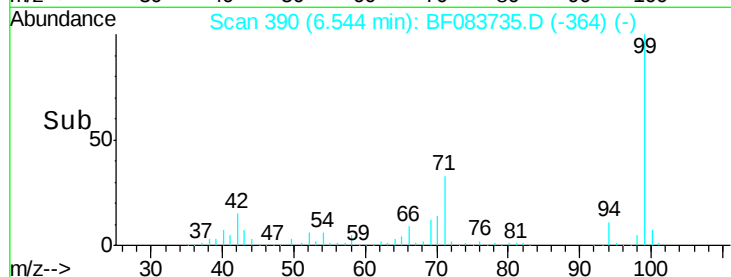
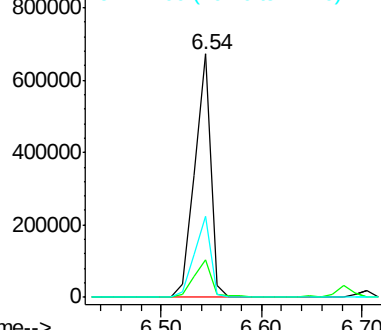
71 33.3 26.6 40.0

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



#8

2-Chlorophenol

Concen: 43.19 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083735.D

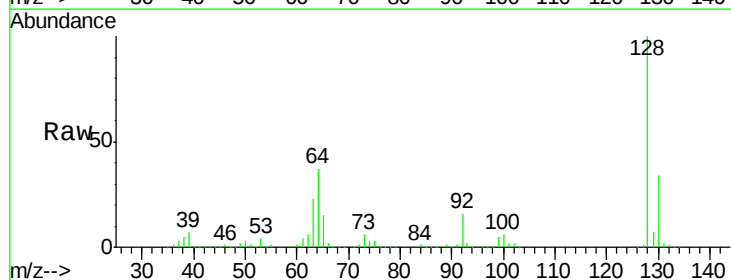
Acq: 13 Dec 2015 18:01

Tgt Ion: 128 Resp: 354193
Ion Ratio Lower Upper

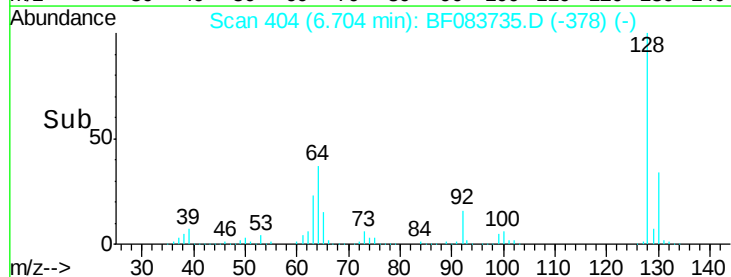
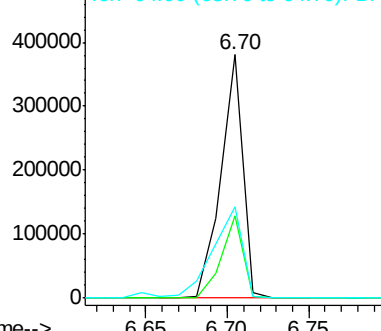
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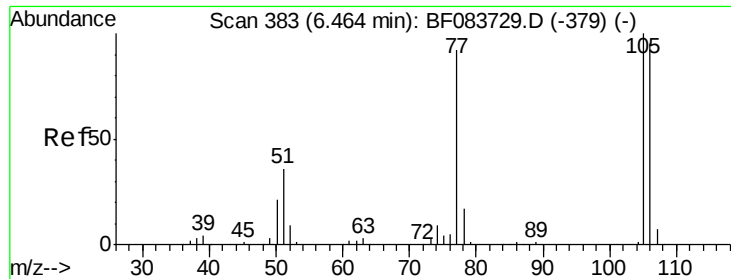
130 33.6 12.6 52.6

64 37.3 38.6 78.6#



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





#9

Benzaldehyde

Concen: 44.39 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

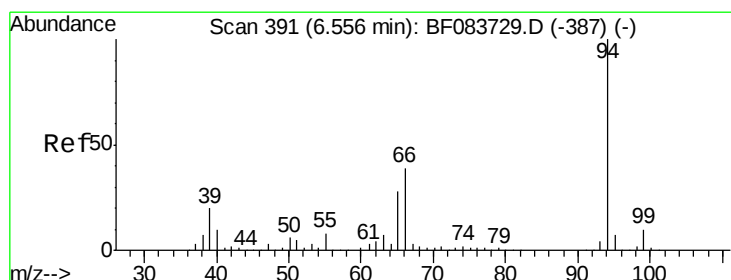
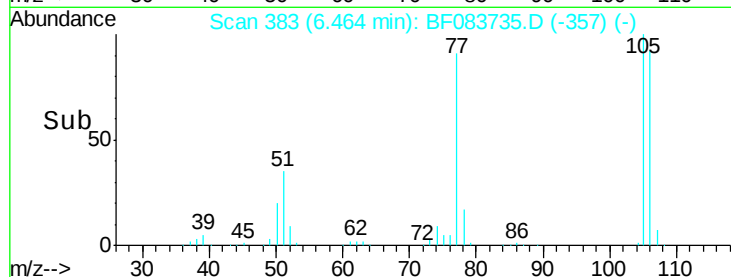
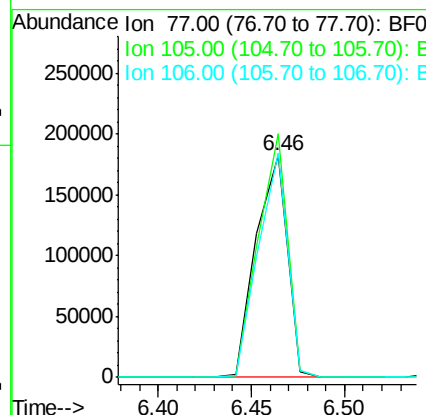
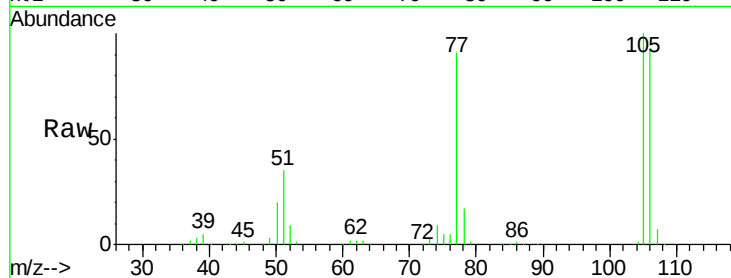
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	210649
Ion	Ratio	Lower	Upper
77	100		
105	109.9	71.8	111.8
106	101.4	66.8	106.8

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#10

Phenol

Concen: 44.87 ng

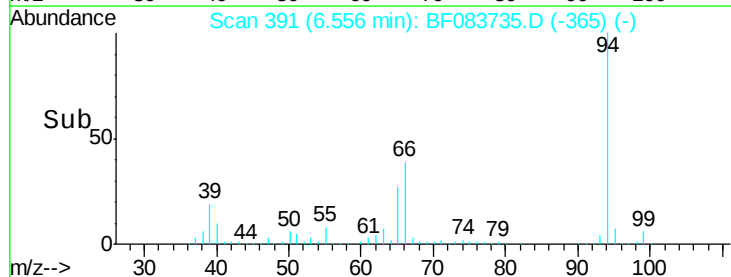
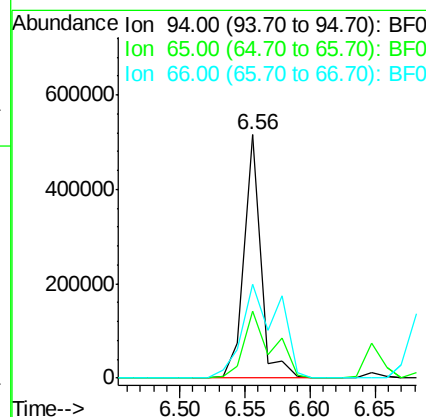
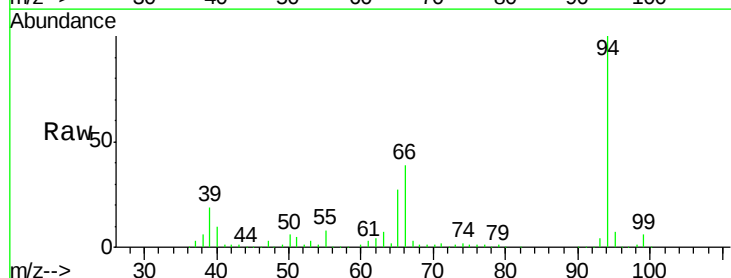
RT: 6.56 min Scan# 391

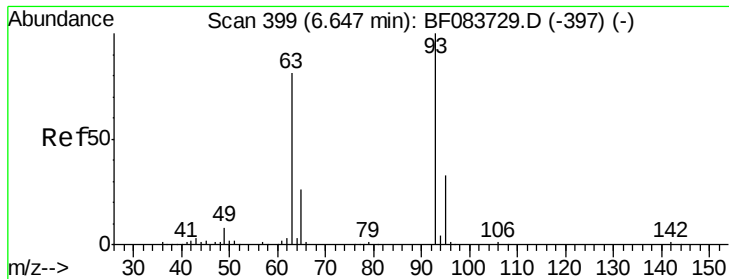
Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	94	Resp:	456358
Ion	Ratio	Lower	Upper
94	100		
65	27.3	20.9	60.9
66	38.6	41.6	81.6#





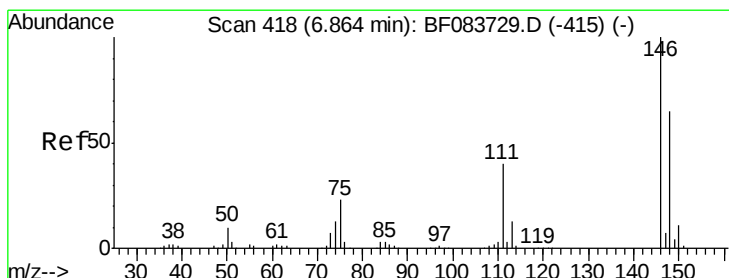
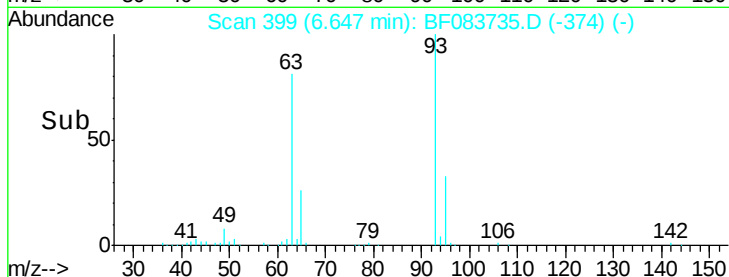
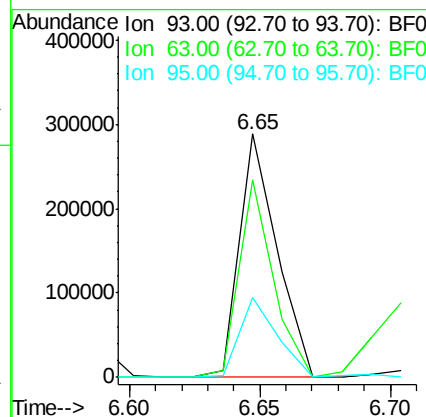
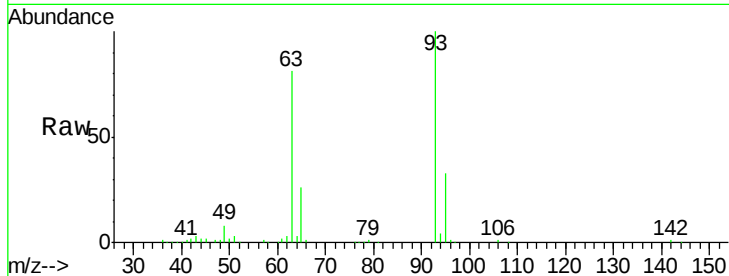
#11
bis(2-Chloroethyl)ether
Concen: 39.22 ng
RT: 6.65 min Scan# 399
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	81.0	64.7	104.7
95	32.7	12.7	52.7

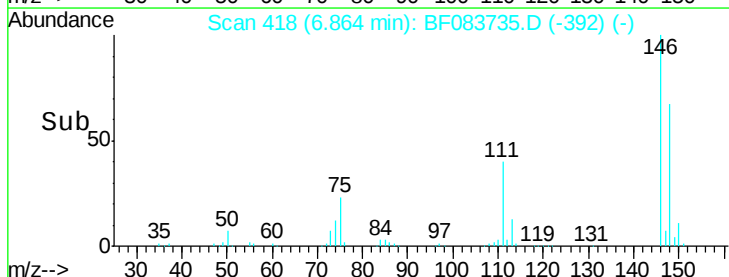
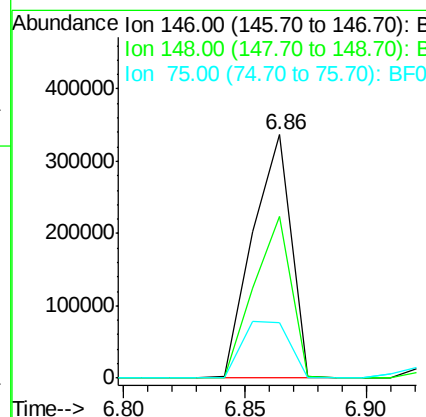
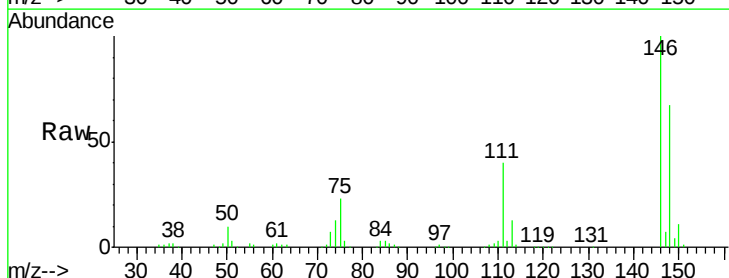
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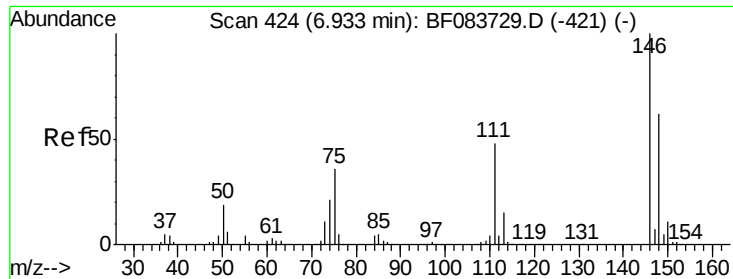
MMdadoda
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#12
1,3-Dichlorobenzene
Concen: 42.78 ng m
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	51.3	76.9
75	23.0	24.1	36.1





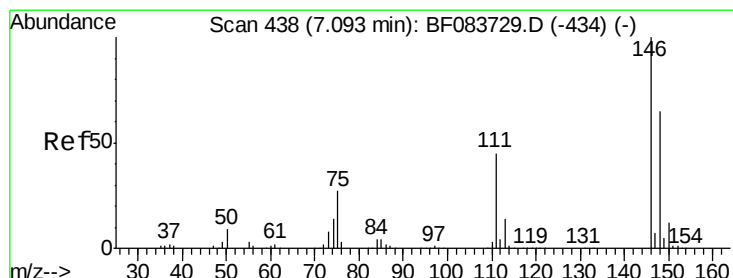
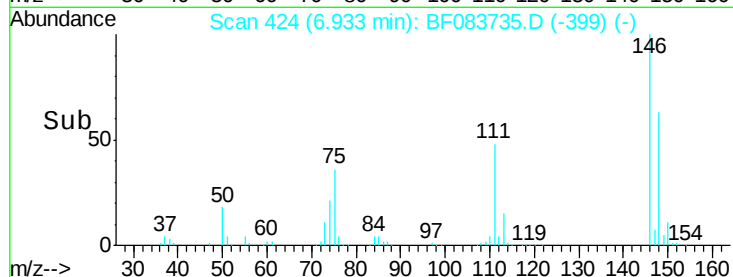
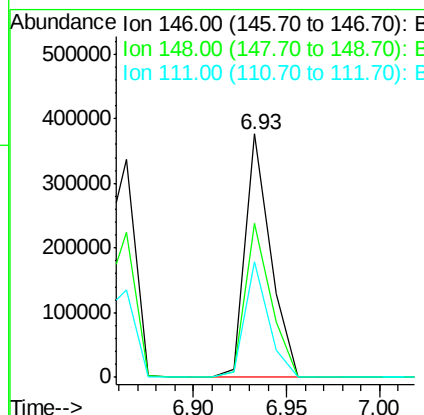
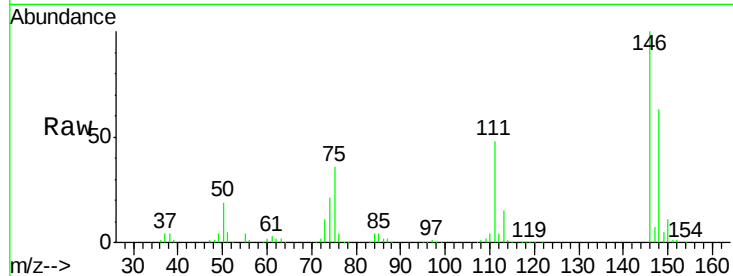
#13
 1,4-Dichlorobenzene
 Concen: 40.51 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	47.7	36.1	54.1

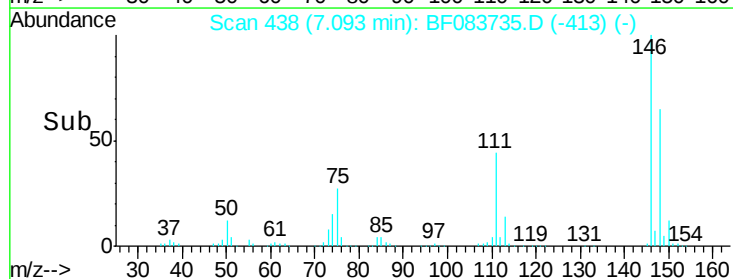
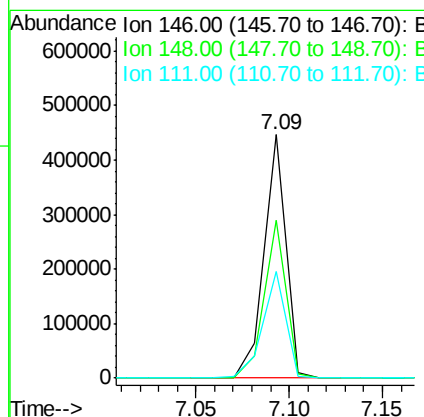
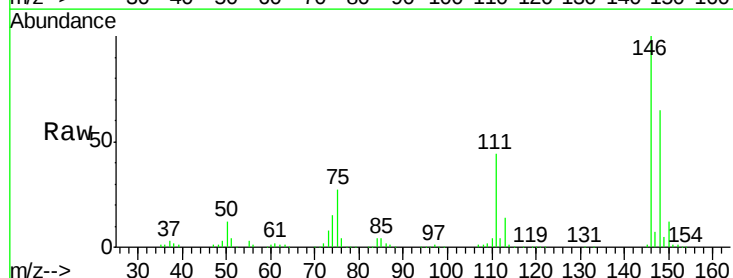
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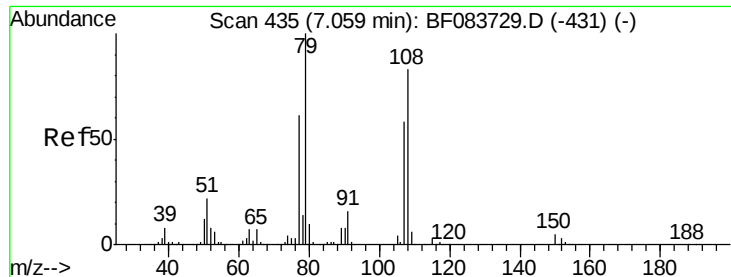
MMdadoda
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#14
 1,2-Dichlorobenzene
 Concen: 45.21 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.4	77.0
111	44.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 45.47 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

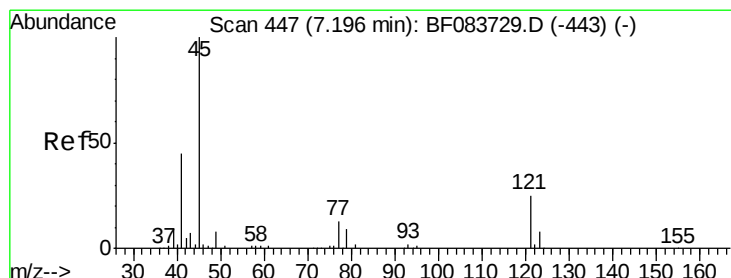
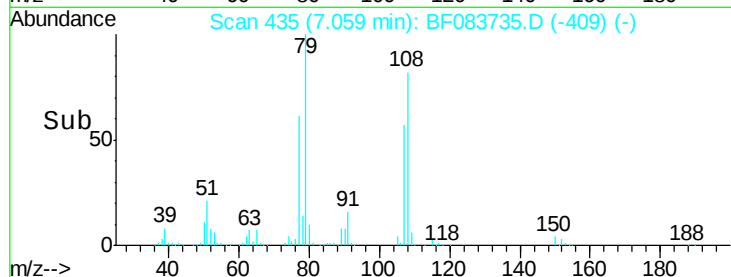
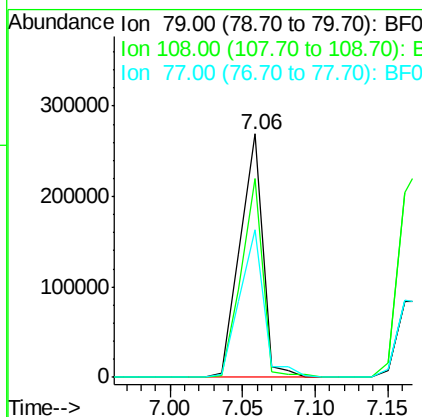
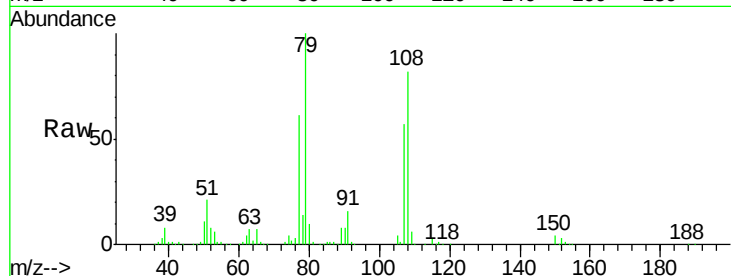
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	295221
Ion Ratio	Lower	Upper	
79	100		
108	81.9	59.6	89.4
77	60.6	49.8	74.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.26 ng

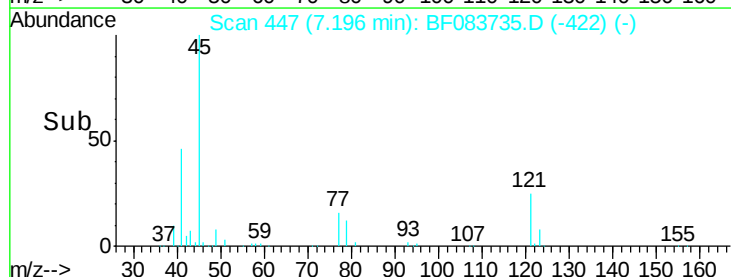
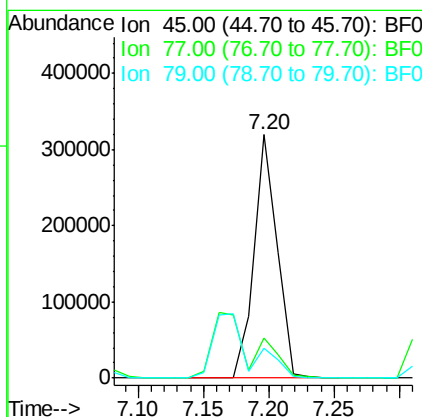
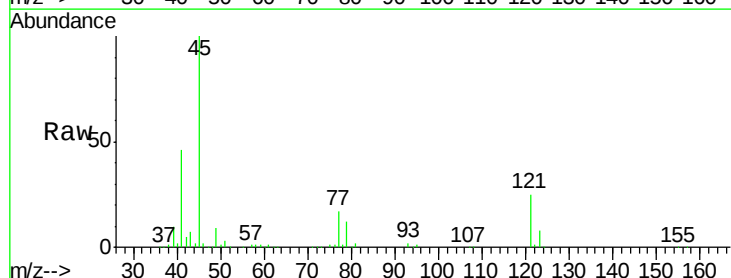
RT: 7.20 min Scan# 447

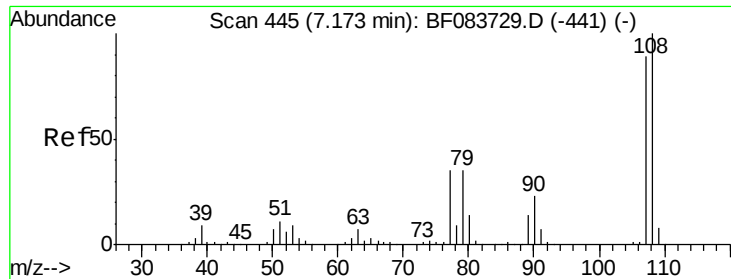
Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	45	Resp:	394656
Ion Ratio	Lower	Upper	
45	100		
77	16.5	12.8	52.8
79	12.2	10.7	50.7





#17

2-Methylphenol

Concen: 42.63 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:107 Resp: 281060
Ion Ratio Lower Upper

107 100

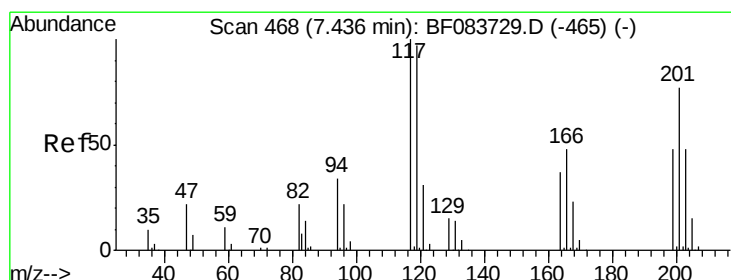
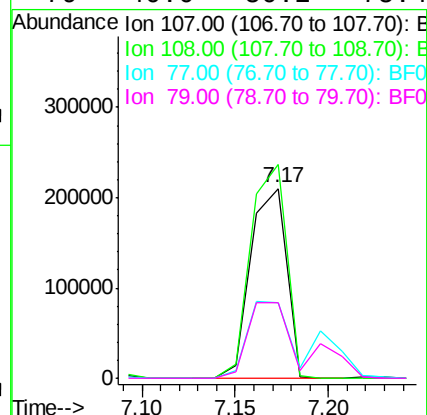
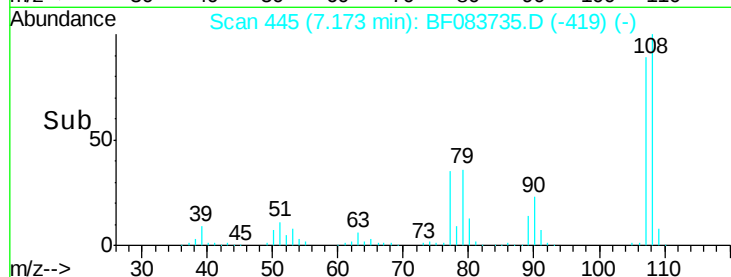
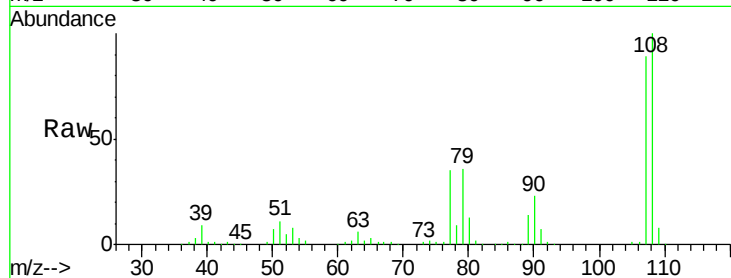
108 112.4 91.6 137.4

77 39.4 53.7 80.5#

79 40.0 50.2 75.4#

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#18

Hexachloroethane

Concen: 43.11 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF083735.D

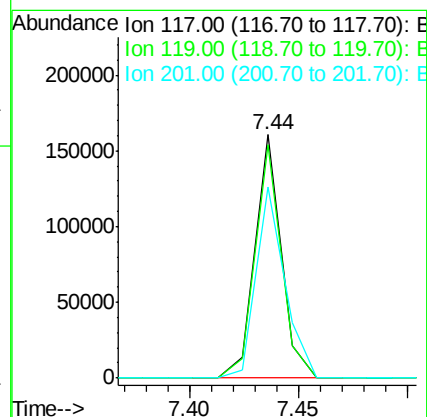
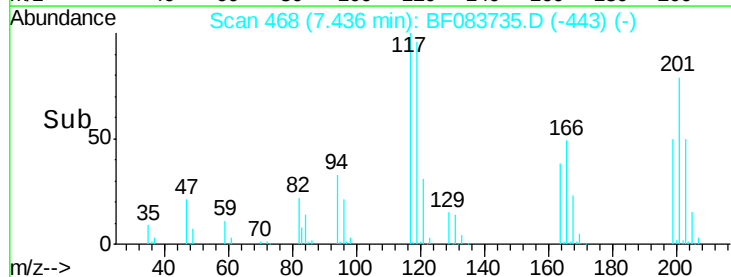
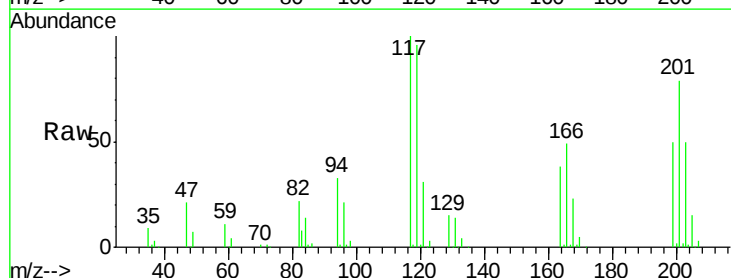
Acq: 13 Dec 2015 18:01

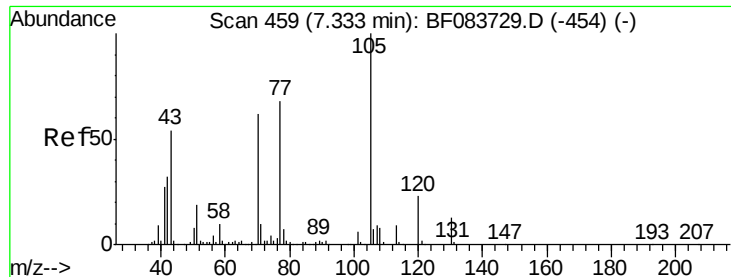
Tgt Ion:117 Resp: 134639
Ion Ratio Lower Upper

117 100

119 95.8 77.2 115.8

201 78.6 86.8 130.2#





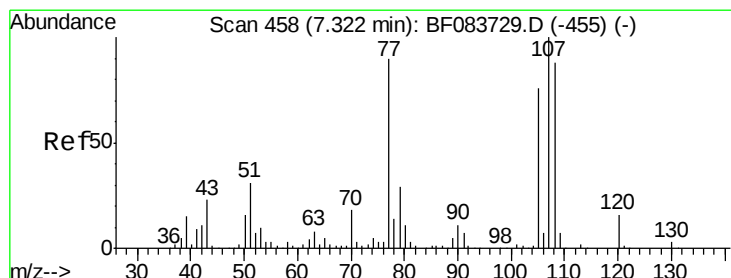
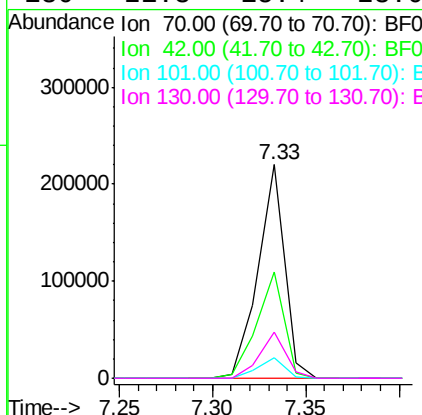
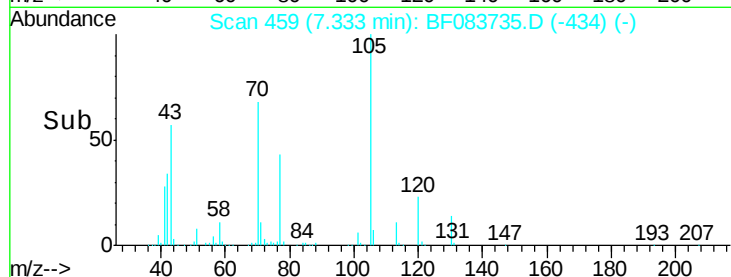
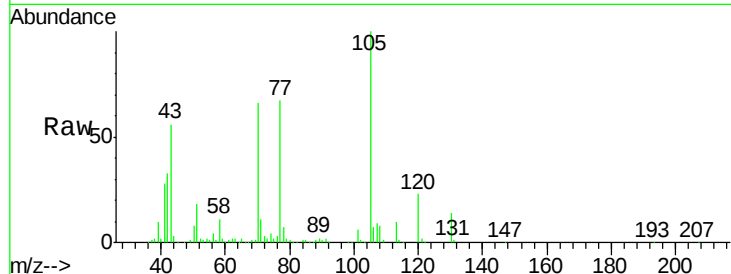
#19
n-Nitroso-di-n-propylamine
Concen: 39.96 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.0	49.2	73.8	
101	9.6	7.1	10.7	
130	21.3	15.4	23.0	

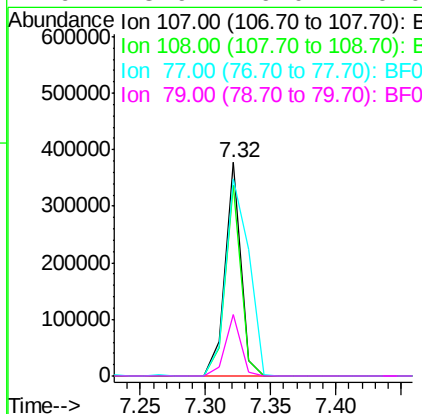
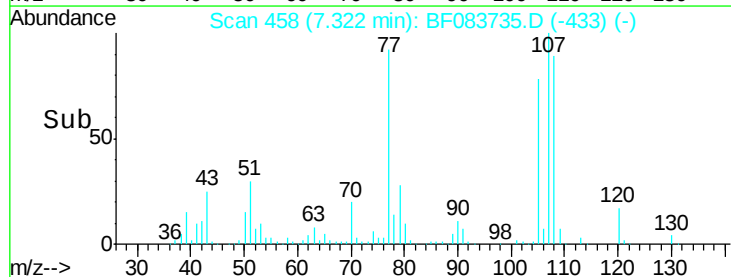
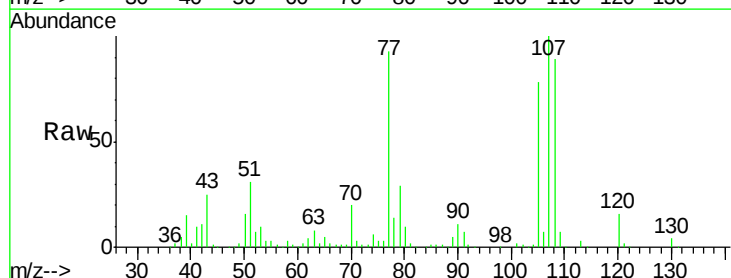
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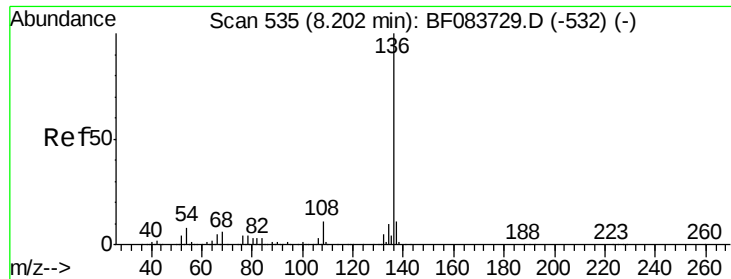
MMdadoda
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#20
3+4-Methylphenols
Concen: 41.39 ng
RT: 7.32 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.1	65.2	105.2	
77	92.5	15.2	55.2	
79	28.9	6.0	46.0	





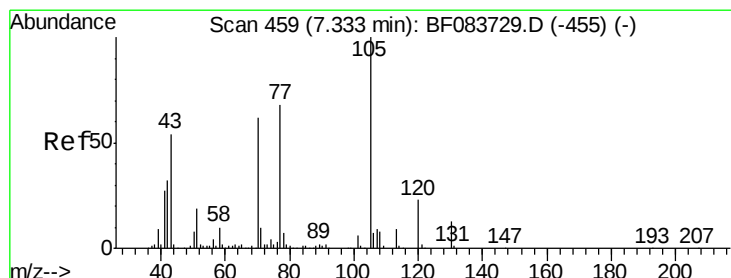
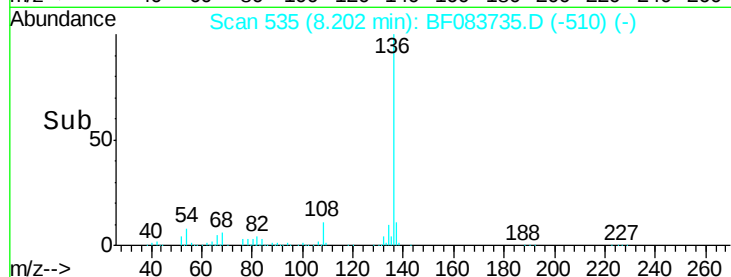
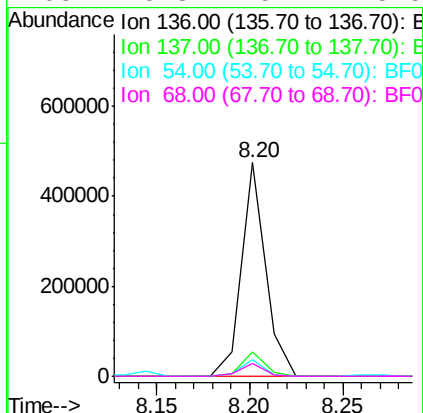
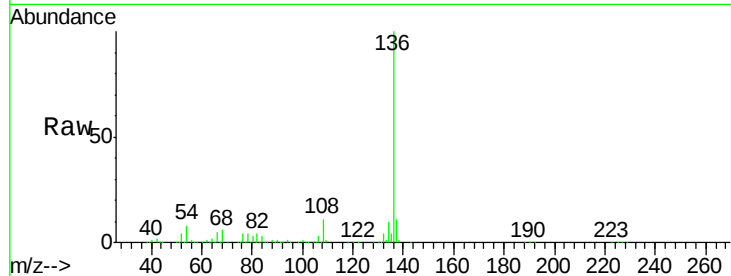
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	427658		
137	11.2	8.7	13.1	
54	7.8	7.8	11.6	
68	6.3	5.7	8.5	

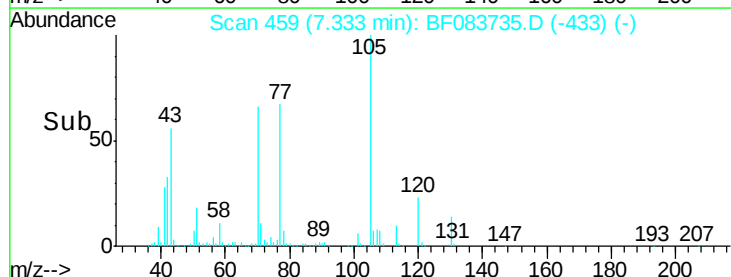
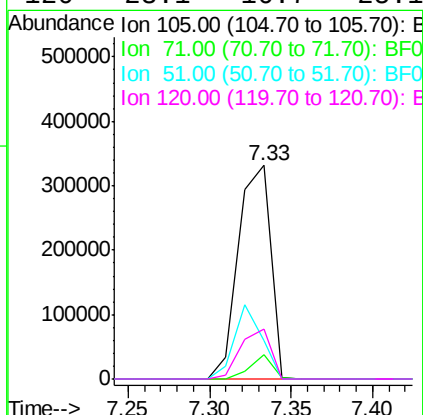
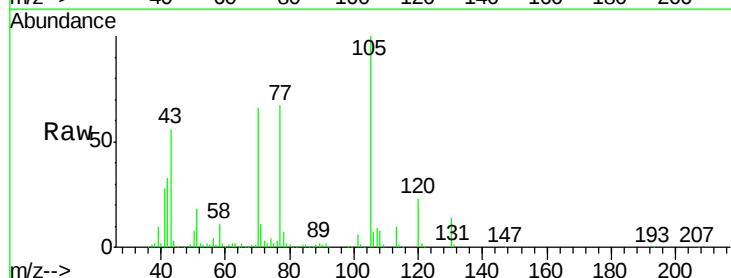
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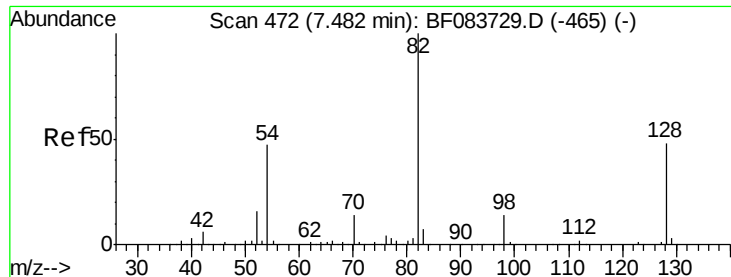
MMdadoda
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#22
Acetophenone
Concen: 43.22 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	453397		
71	11.2	1.3	1.9#	
51	18.1	23.8	35.8#	
120	23.1	16.7	25.1	





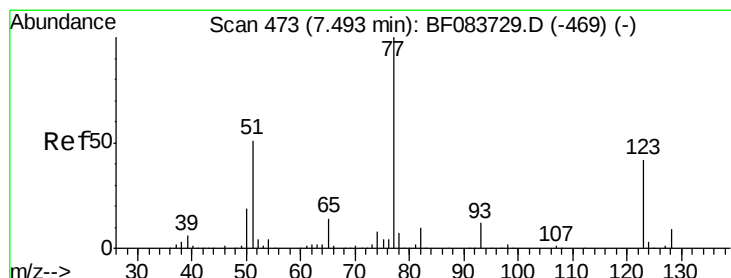
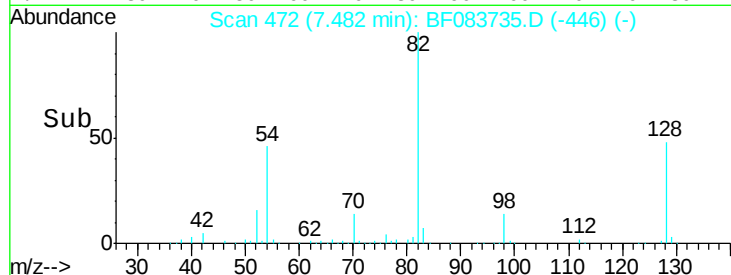
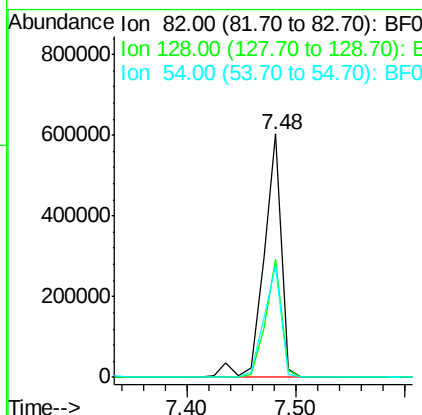
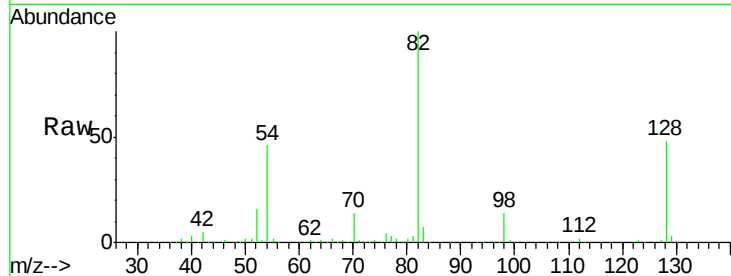
#23
Nitrobenzene-d5
Concen: 88.59 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	30.7	46.1#
54	46.2	42.5	63.7

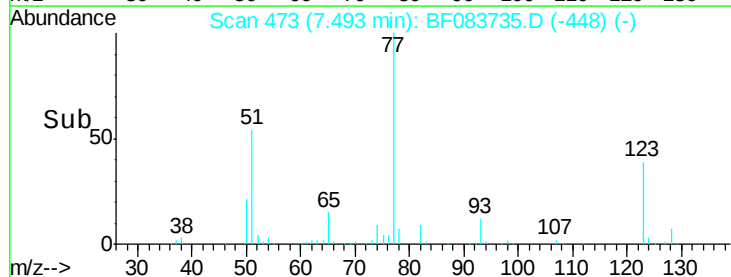
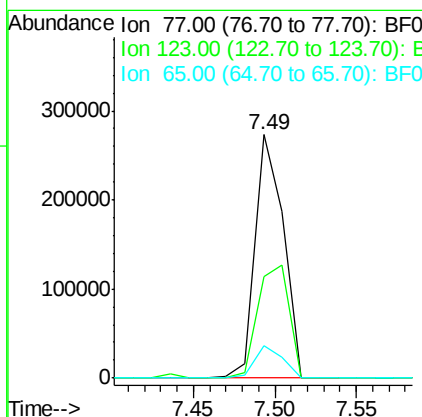
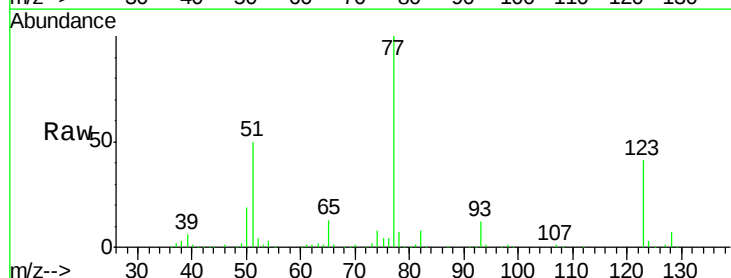
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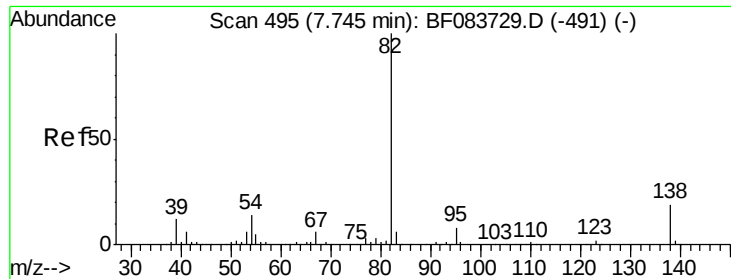
MMdadoda
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#24
Nitrobenzene
Concen: 41.26 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.5	29.8	44.6
65	13.5	11.1	16.7





#25

Isophorone

Concen: 43.76 ng

RT: 7.74 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

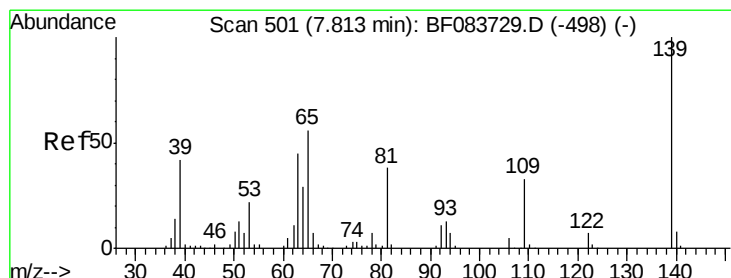
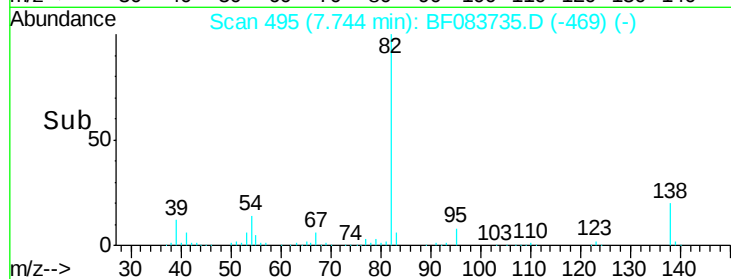
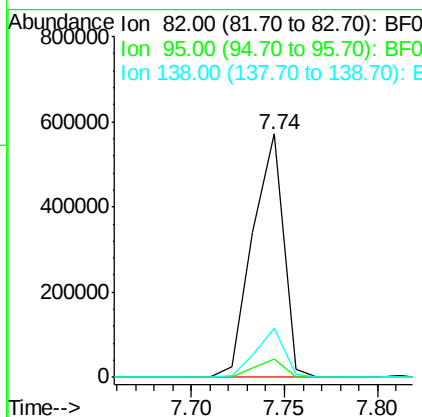
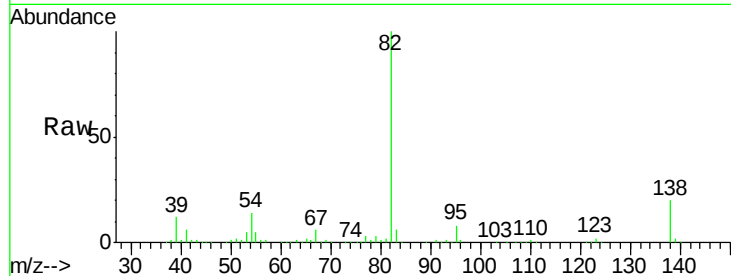
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	656331
Ion Ratio		Lower	Upper
82	100		
95	7.7	5.0	7.4#
138	20.0	12.1	18.1#

Manual Integrations
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MMdadoda
12/14/2015 6:23:42 PM



#26

2-Nitrophenol

Concen: 42.22 ng

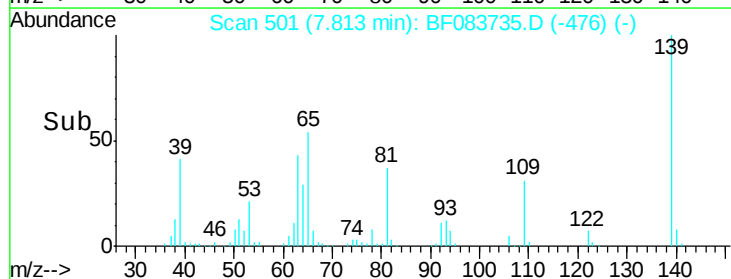
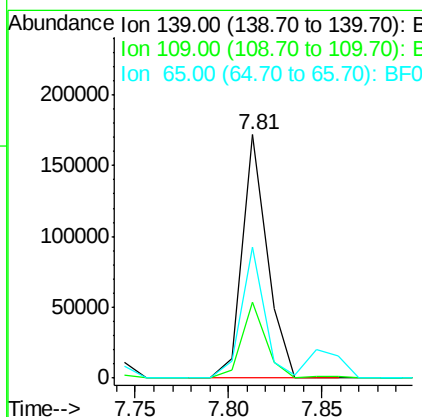
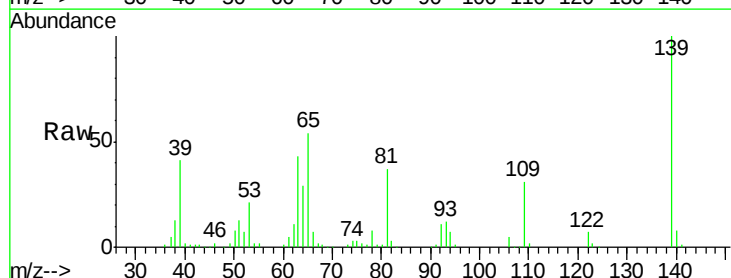
RT: 7.81 min Scan# 501

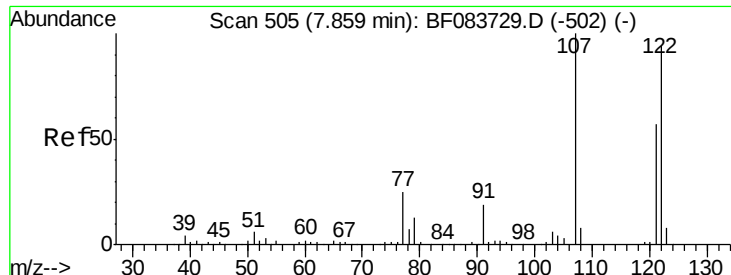
Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	139	Resp:	161366
Ion Ratio		Lower	Upper
139	100		
109	31.4	22.7	34.1
65	53.7	51.8	77.8





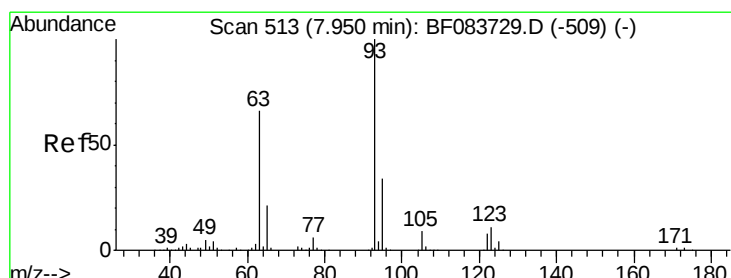
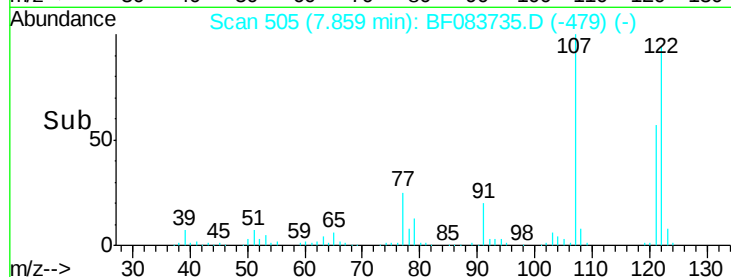
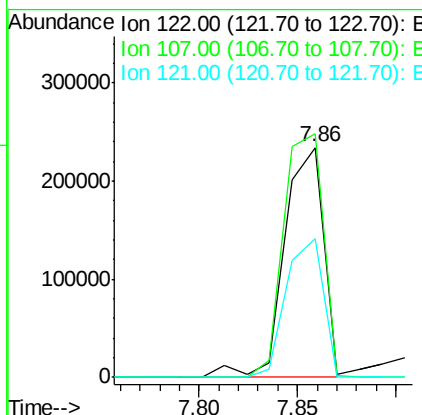
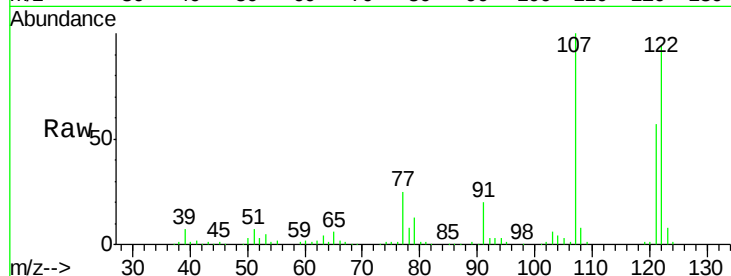
#27
2,4-Dimethylphenol
Concen: 42.90 ng/mL
RT: 7.86 min Scan# 505
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	322151		
107	105.8	92.4	138.6	
121	60.1	45.8	68.6	

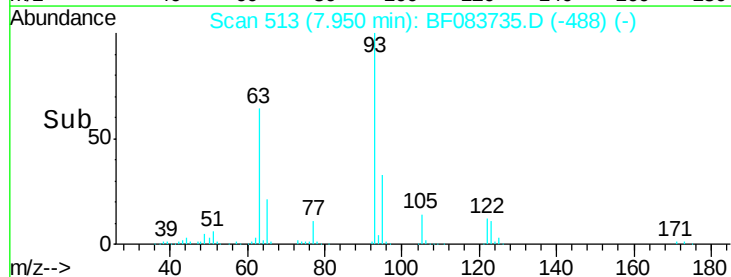
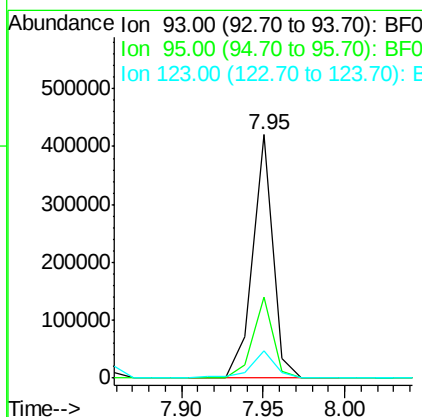
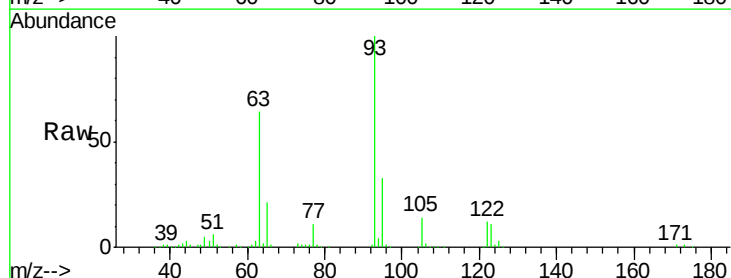
Manual Integrations
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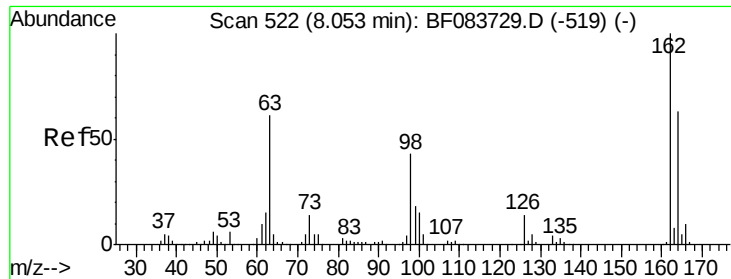
MMdadoda
12/14/2015 6:23:42 PM



#28
bis(2-Chloroethoxy)methane
Concen: 42.33 ng/mL
RT: 7.95 min Scan# 513
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	362264		
95	33.1	25.6	38.4	
123	11.4	7.3	10.9	





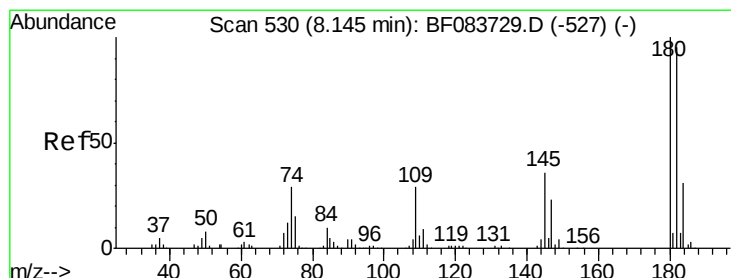
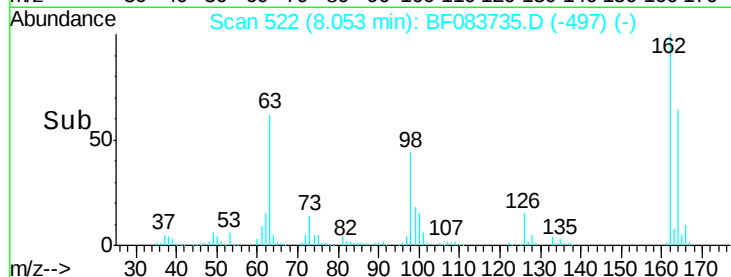
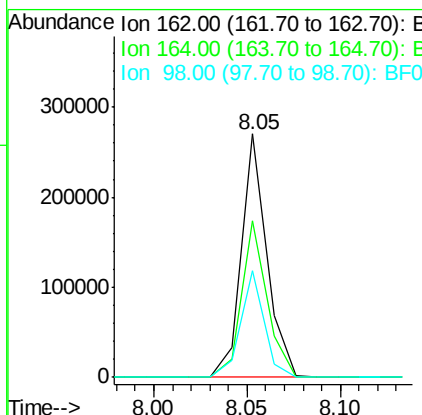
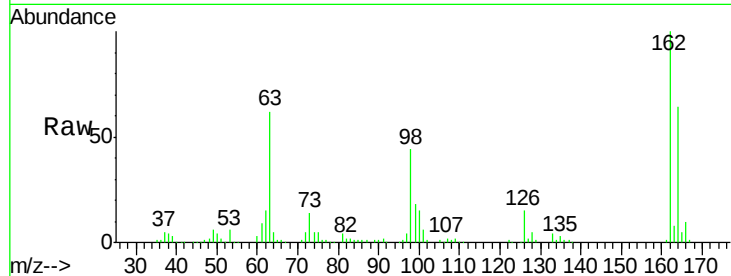
#29
2,4-Dichlorophenol
Concen: 41.46 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.1	43.4	83.4
98	43.6	17.5	57.5

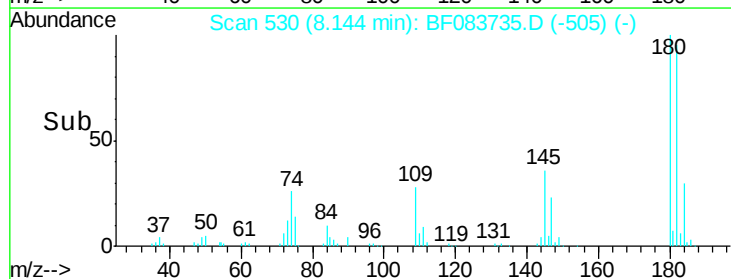
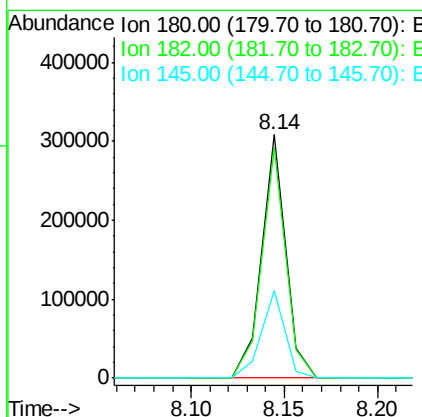
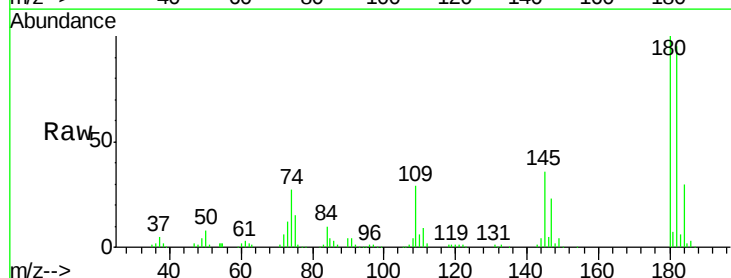
Manual Integrations
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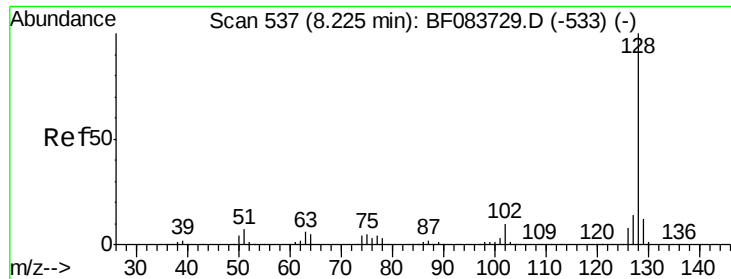
MMdadoda
12/14/2015 6:23:42 PM



#30
1,2,4-Trichlorobenzene
Concen: 42.50 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	74.9	112.3
145	35.9	24.7	37.1





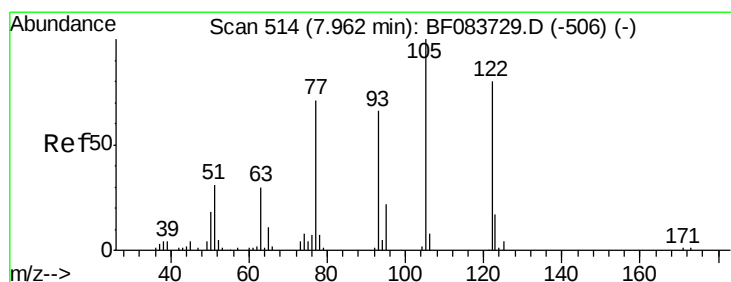
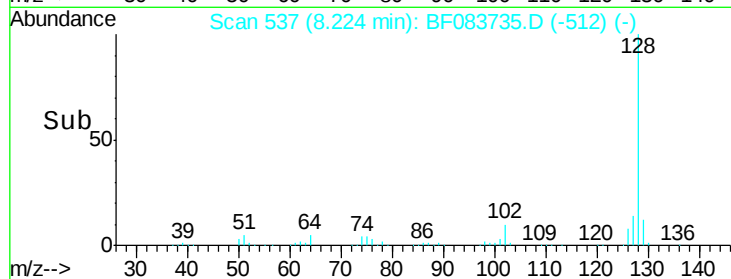
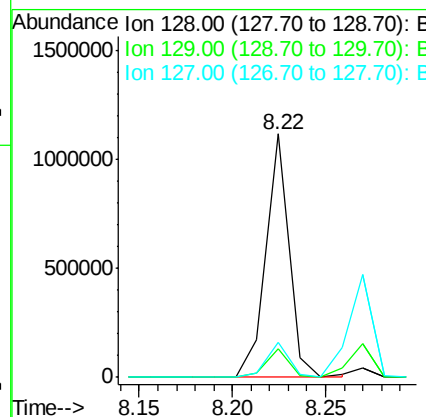
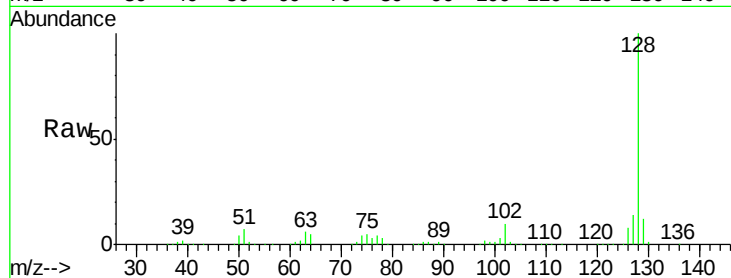
#31
Naphthalene
Concen: 42.86 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	14.1	10.6	16.0

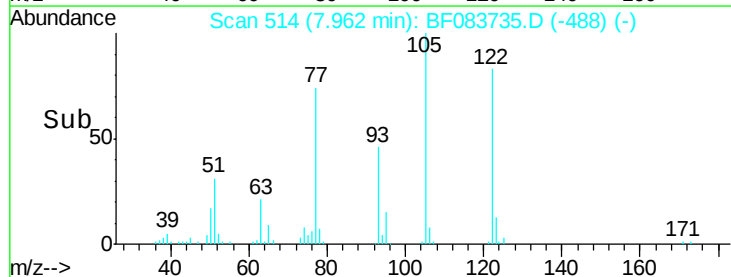
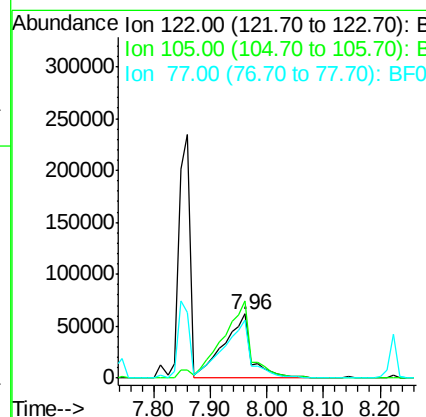
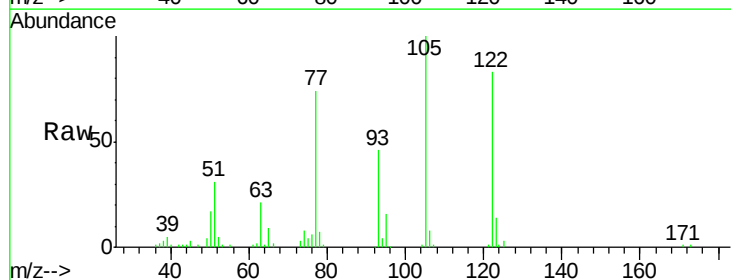
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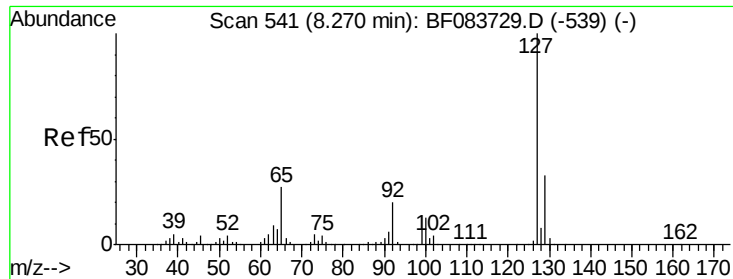
MMdadoda
12/14/2015 6:23:42 PM



#32
Benzoic acid
Concen: 46.18 ng m
RT: 7.96 min Scan# 514
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.0	105.6	145.6
77	89.4	86.8	126.8





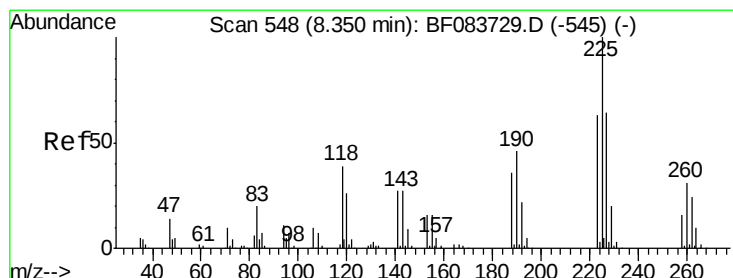
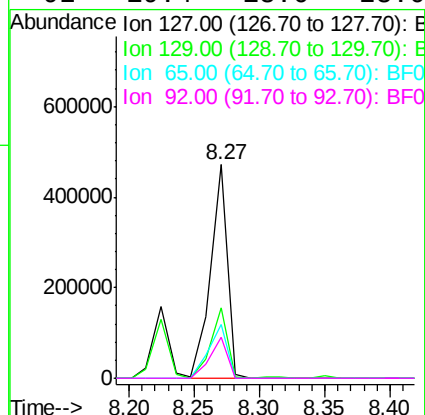
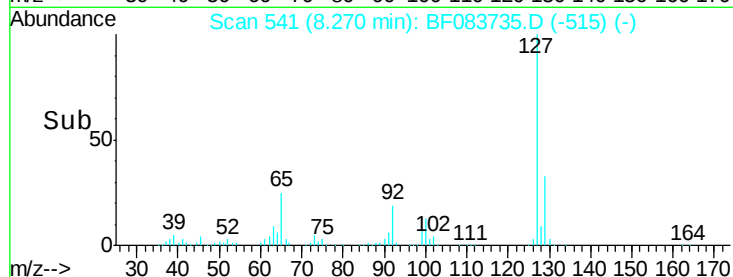
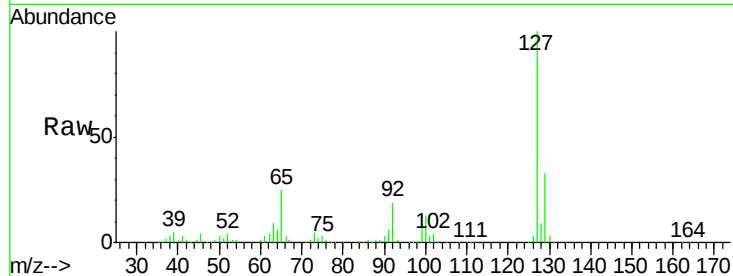
#33
4-Chloroaniline
Concen: 46.78 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.9	26.1	39.1		
65	25.4	33.5	50.3		
92	19.4	18.6	28.0		

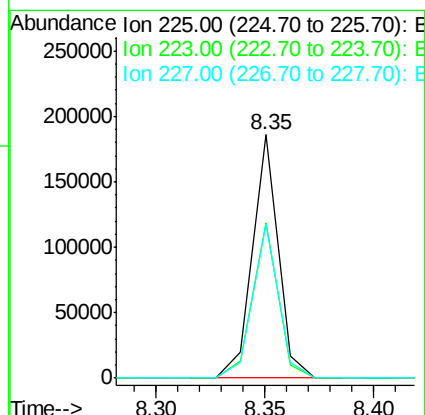
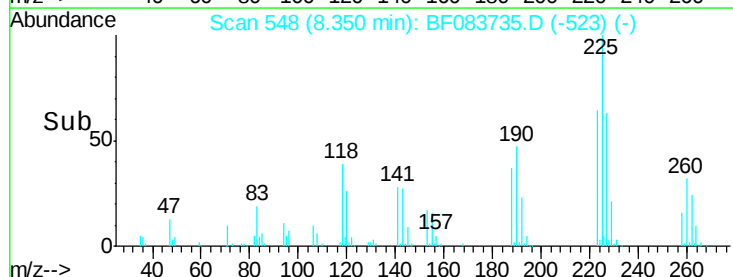
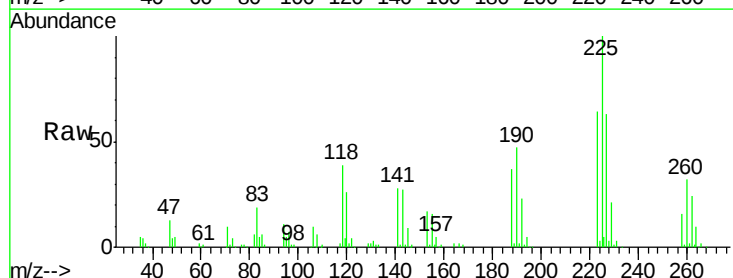
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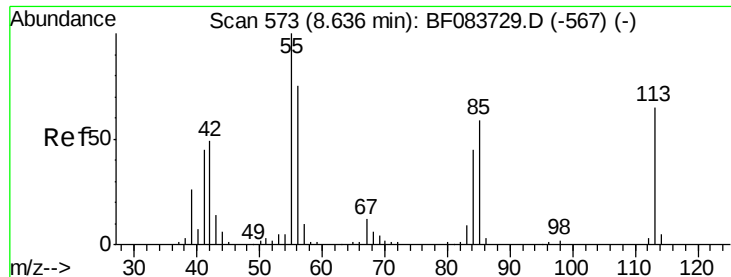
MMdadoda
12/14/2015 6:23:42 PM



#34
Hexachlorobutadiene
Concen: 43.71 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.8	52.3	78.5		
227	63.3	50.4	75.6		





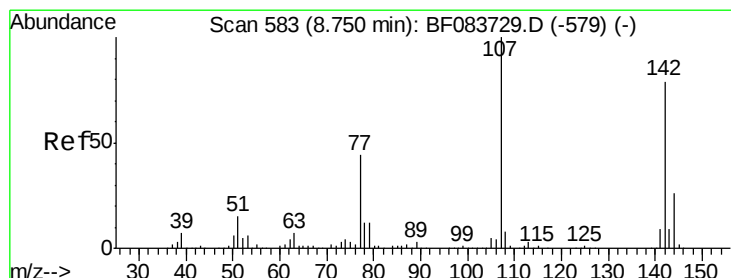
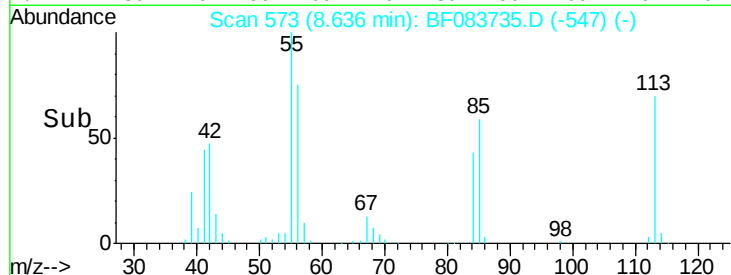
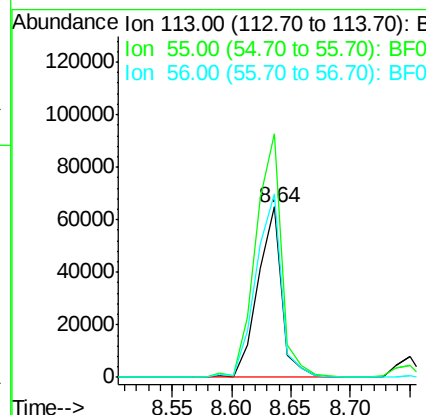
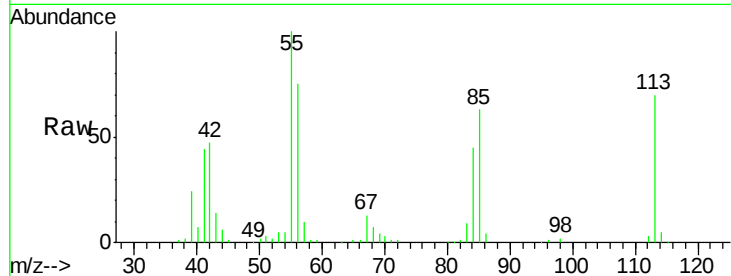
#35
Caprolactam
Concen: 45.81 ng
RT: 8.64 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	142.8	189.7	229.7#
56	107.3	130.7	170.7#

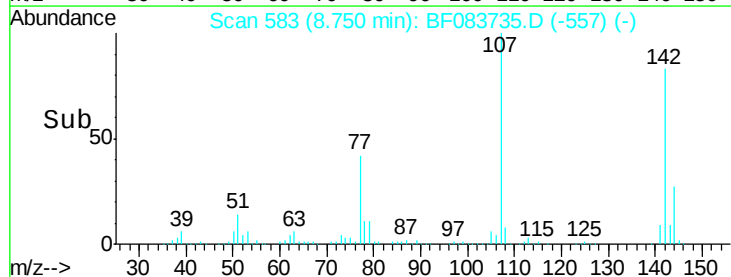
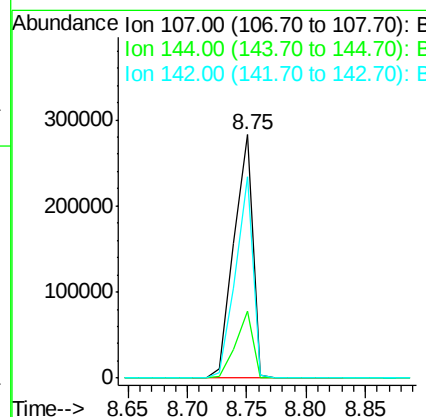
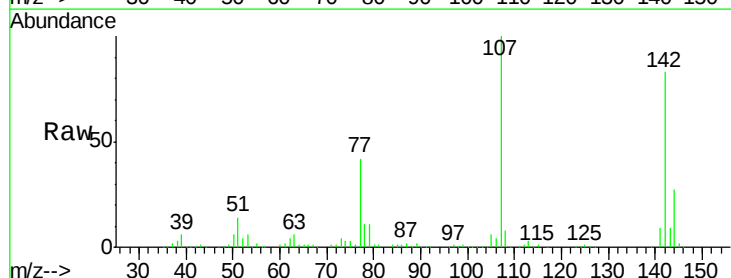
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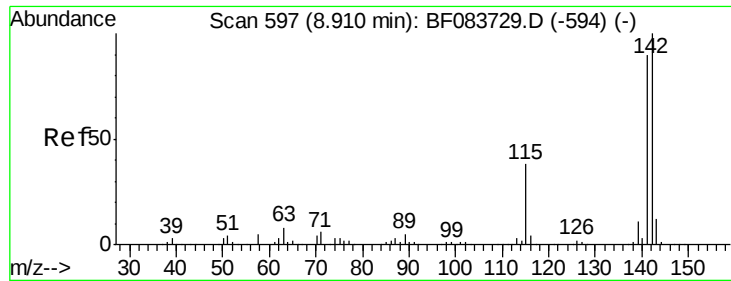
MMdadoda
12/14/2015 6:23:42 PM



#36
4-Chloro-3-methylphenol
Concen: 43.32 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	17.5	26.3#
142	82.9	53.6	80.4#





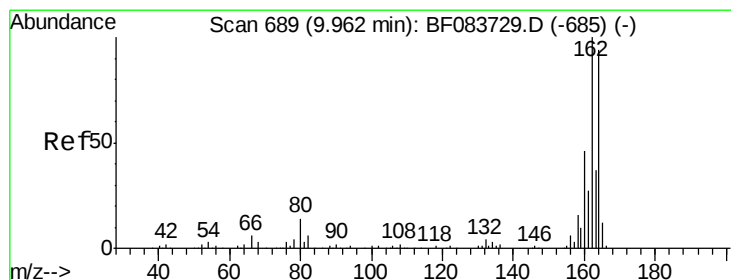
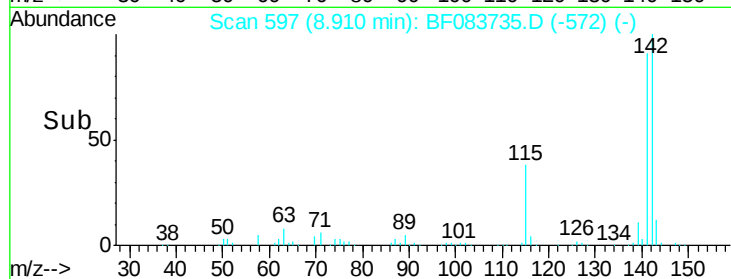
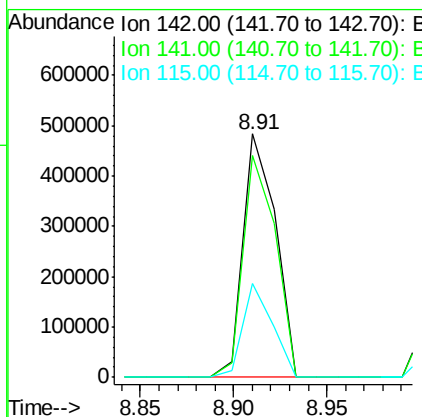
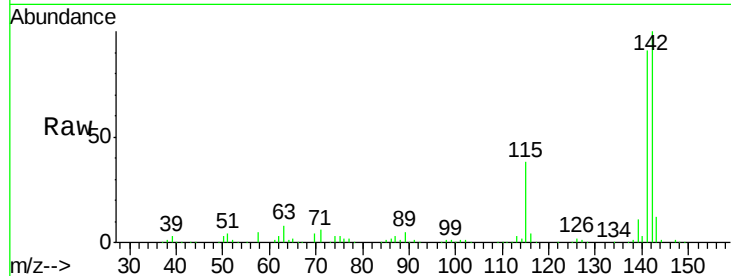
#37
2-Methylnaphthalene
Concen: 41.69 ng
RT: 8.91 min Scan# 597
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.2	70.3	105.5
115	38.4	29.2	43.8

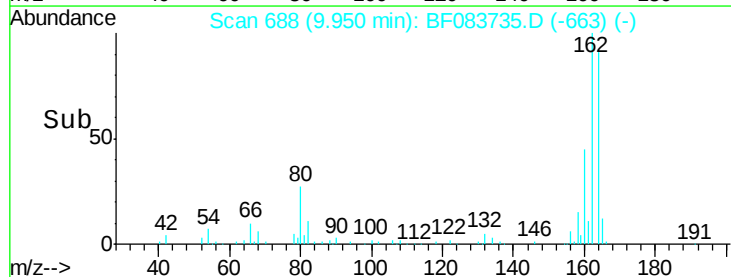
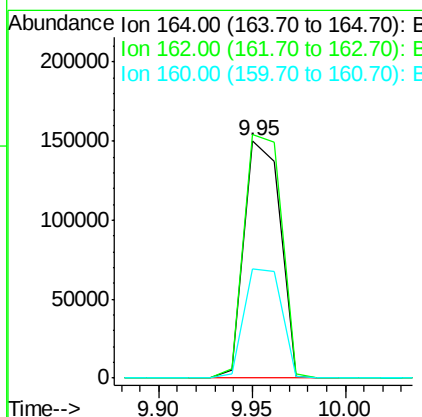
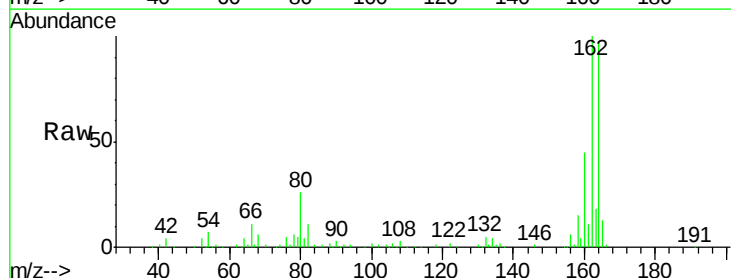
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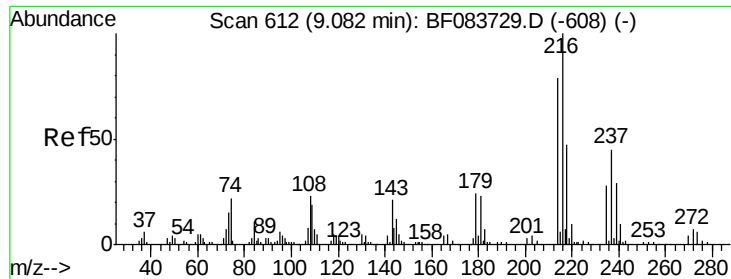
MMdadoda
12/14/2015 6:23:42 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.6	78.8	118.2
160	46.0	33.4	50.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.00 ng

RT: 9.08 min Scan# 612

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:216 Resp: 249942
Ion Ratio Lower Upper

216 100

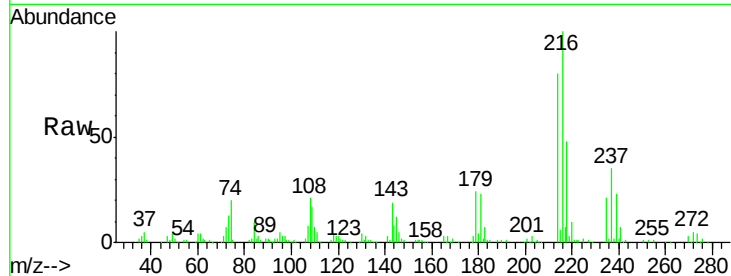
214 80.0 0.0 0.0#

179 23.4 0.0 0.0#

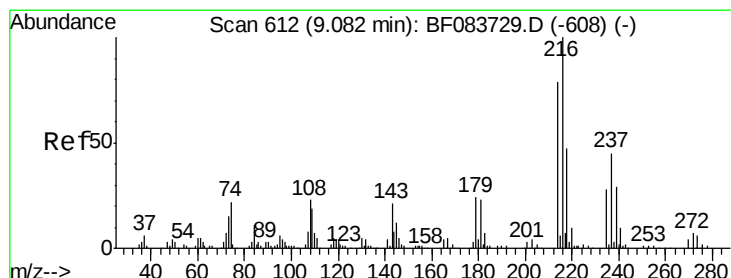
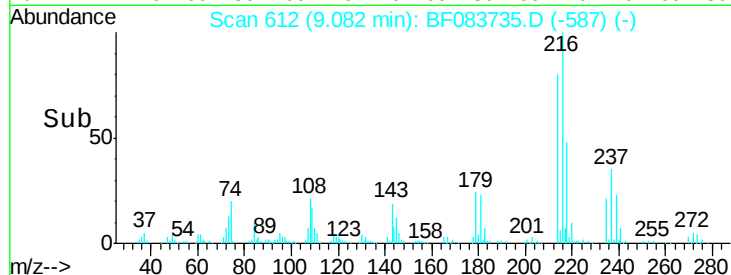
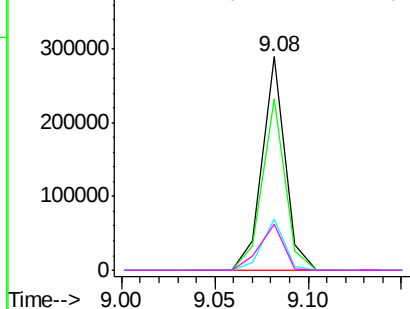
108 23.1 0.0 0.0#

Manual Integrations
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MMdadoda
12/14/2015 6:23:42 PM



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 45.04 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083735.D

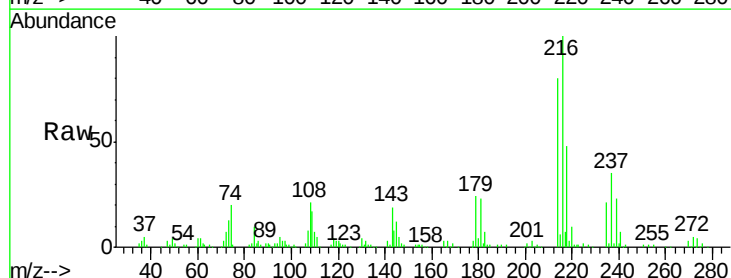
Acq: 13 Dec 2015 18:01

Tgt Ion:237 Resp: 135830
Ion Ratio Lower Upper

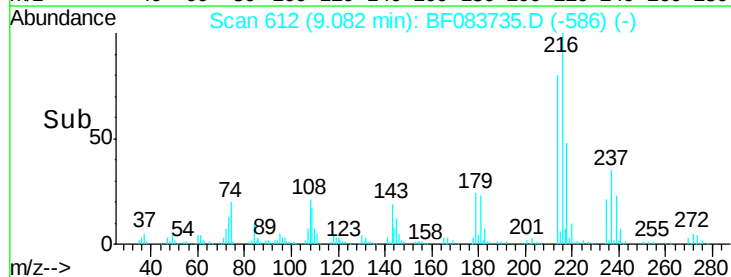
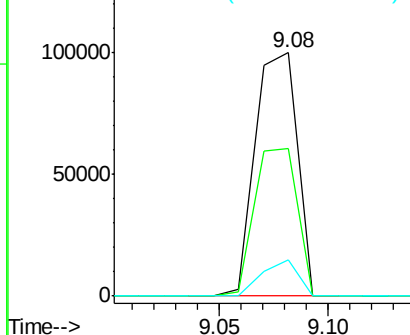
237 100

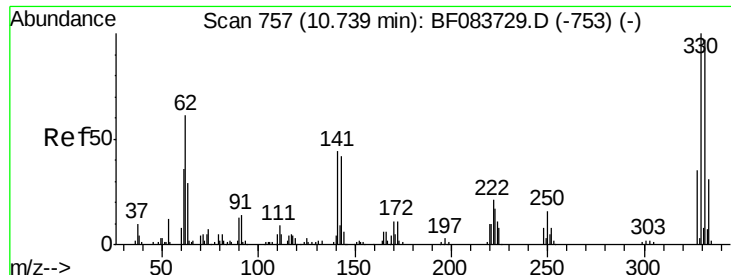
235 60.4 43.9 83.9

272 15.1 0.0 31.8



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E





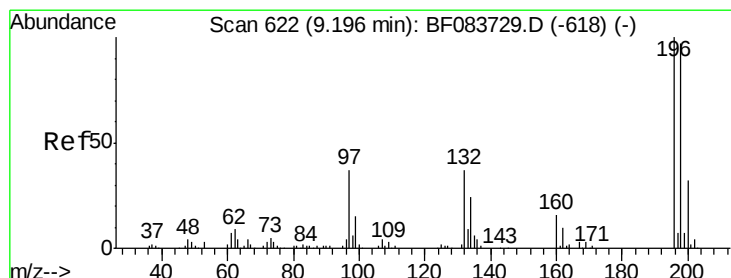
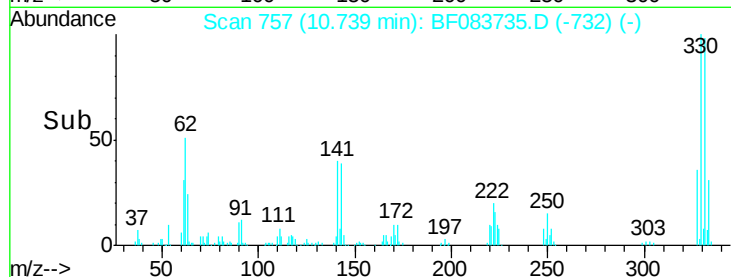
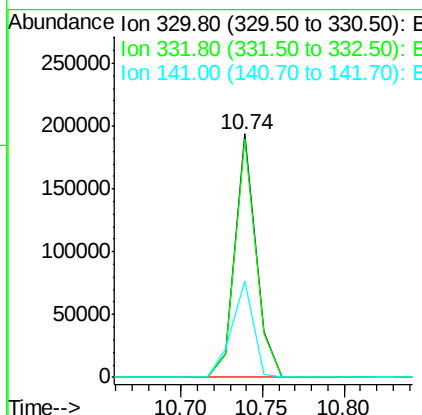
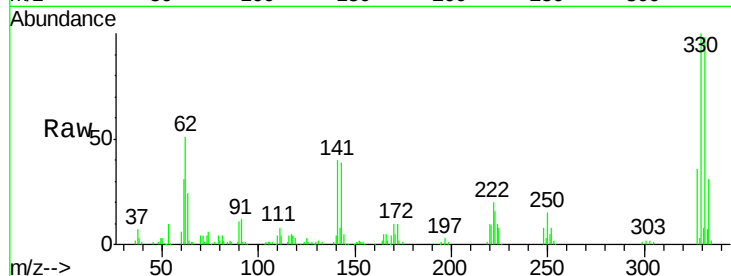
#41
 2,4,6-Tribromophenol
 Concen: 83.27 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	171154		
332	97.9	0.0	0.0	0.0
141	41.0	0.0	0.0	0.0

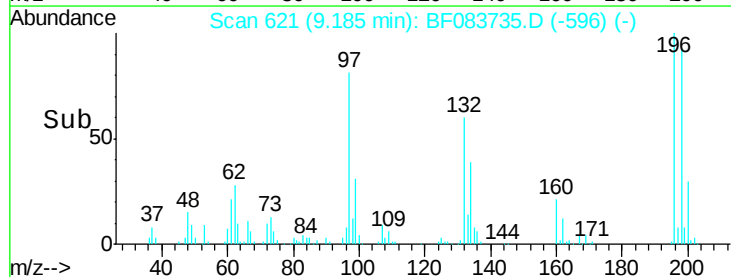
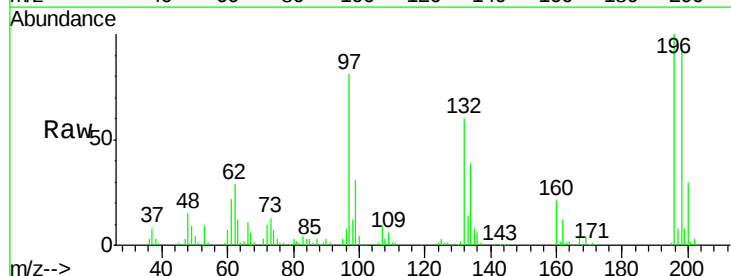
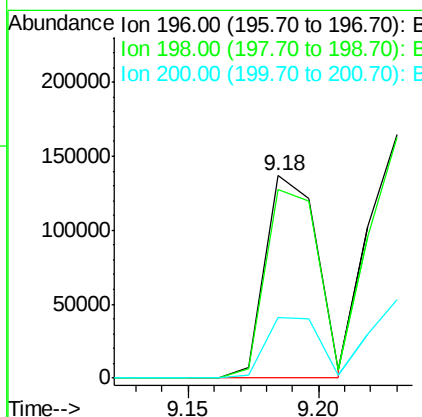
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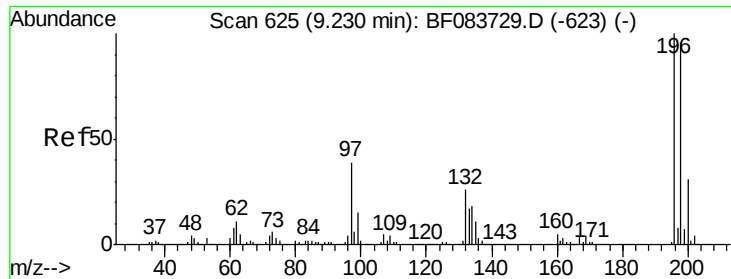
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#42
 2,4,6-Trichlorophenol
 Concen: 42.63 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	185689		
198	93.1	75.2	112.8	
200	29.8	23.0	34.6	





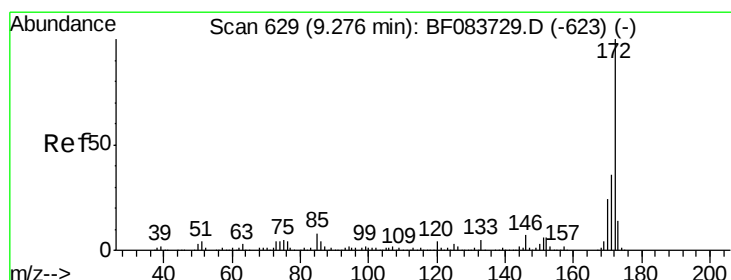
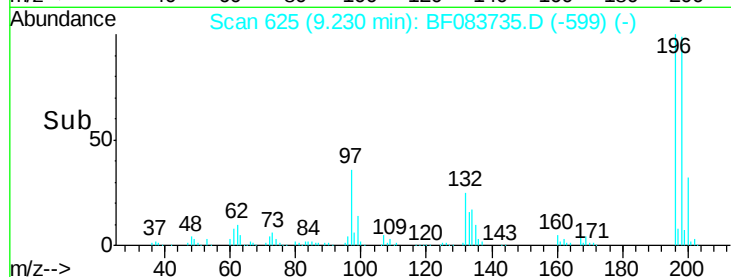
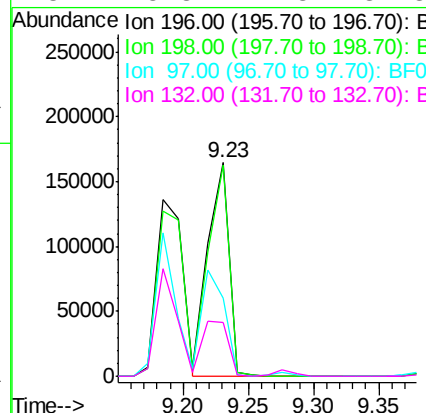
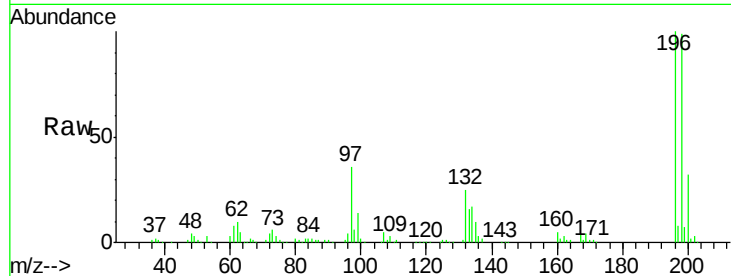
#43
 2,4,5-Trichlorophenol
 Concen: 45.13 ng
 RT: 9.23 min Scan# 625
 Delta R.T. 0.00 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	186477		
198	98.8	77.7	116.5	
97	36.4	41.2	61.8	
132	25.3	21.8	32.8	

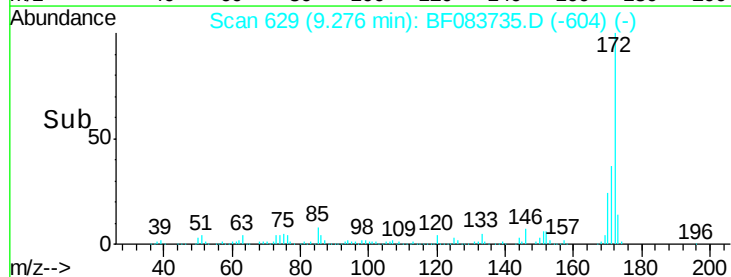
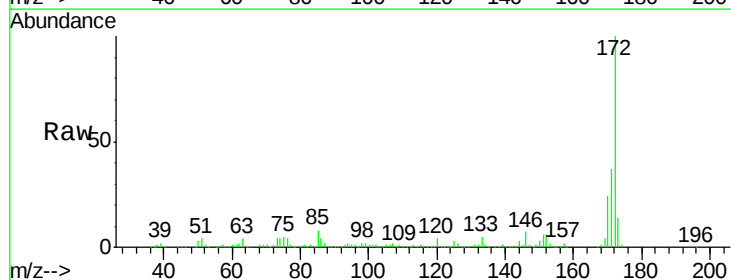
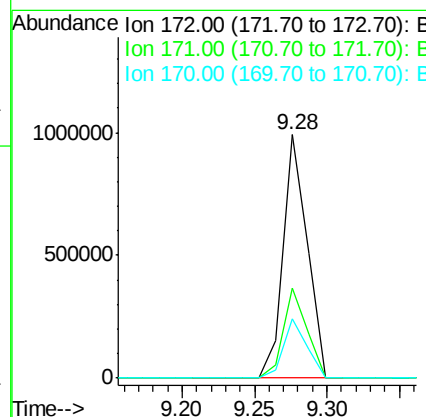
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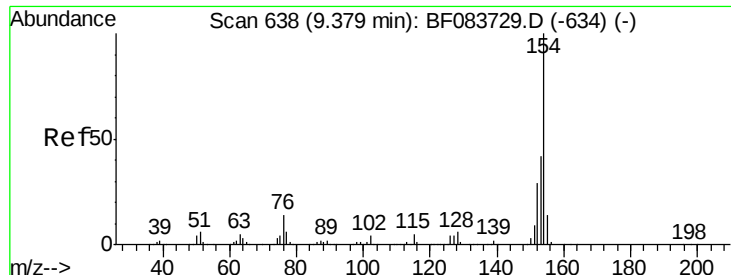
MMdadoda
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#44
 2-Fluorobiphenyl
 Concen: 81.39 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1135248		
171	36.9	28.6	42.8	
170	24.4	19.4	29.0	





#45

1,1'-Biphenyl

Concen: 42.61 ng

RT: 9.38 min Scan# 638

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

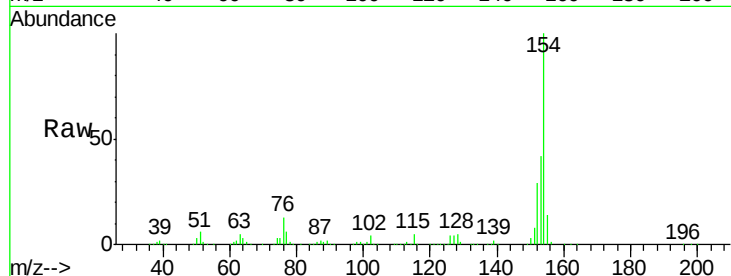
ClientSampleId :

SSTDCCC040

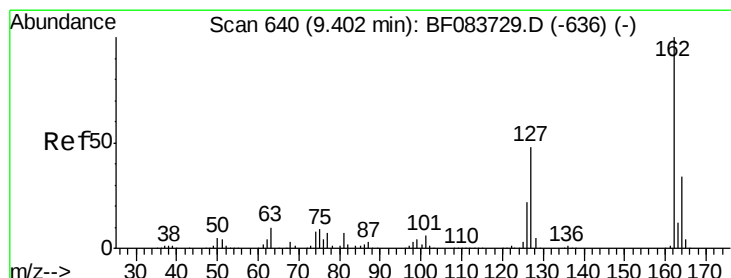
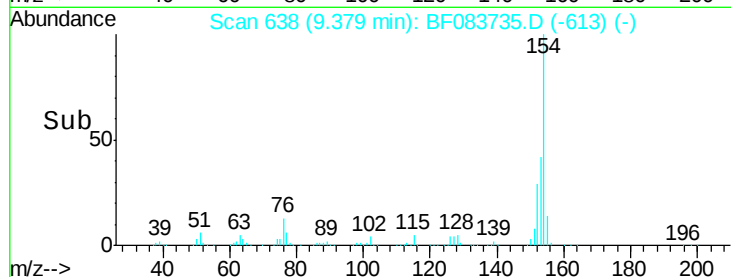
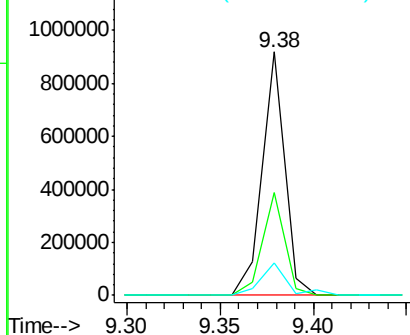
Tot Ion:	154	Resp:	761842
Ion Ratio	Lower	Upper	
154	100		
153	42.1	20.2	60.2
76	13.3	0.0	34.8

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



#46

2-Chloronaphthalene

Concen: 42.35 ng

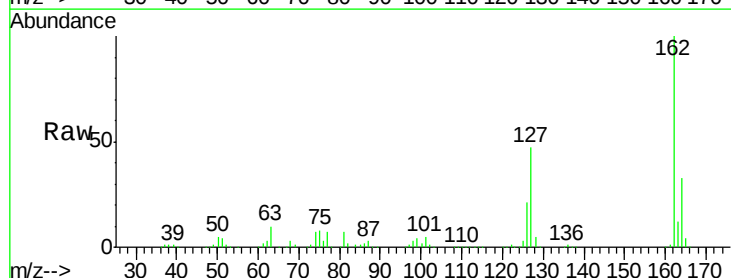
RT: 9.40 min Scan# 640

Delta R.T. -0.01 min

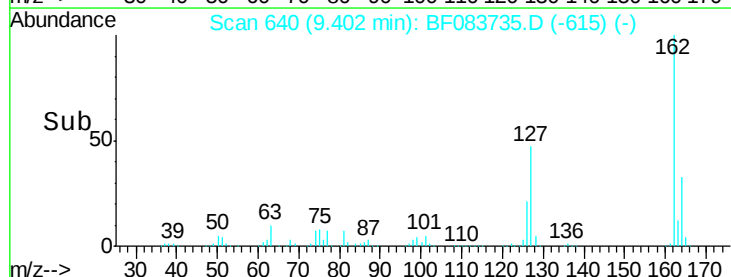
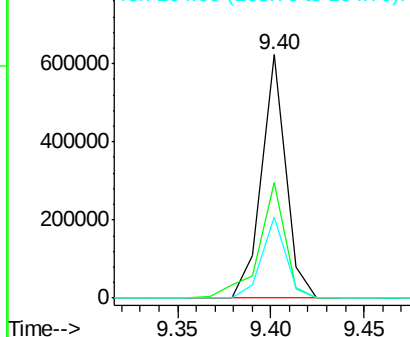
Lab File: BF083735.D

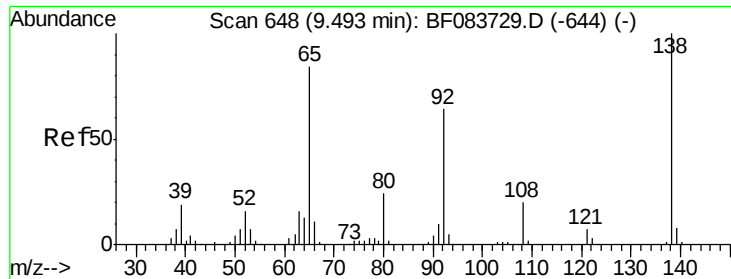
Acq: 13 Dec 2015 18:01

Tgt Ion:	162	Resp:	558908
Ion Ratio	Lower	Upper	
162	100		
127	47.4	31.0	46.4#
164	33.3	27.4	41.0



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





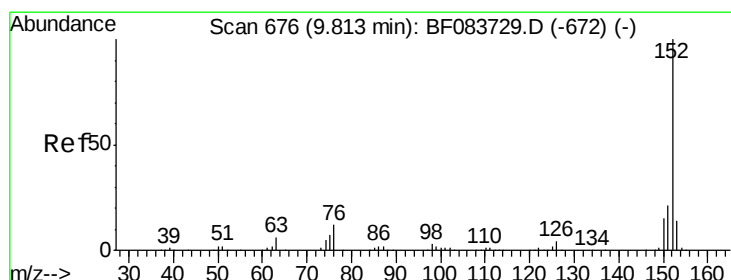
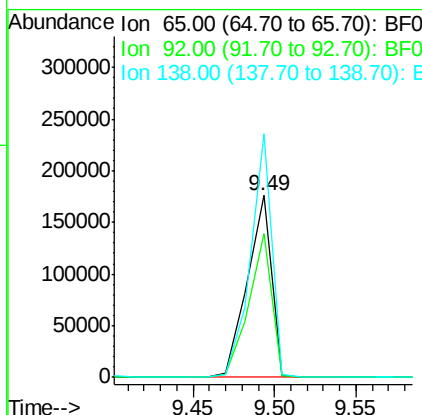
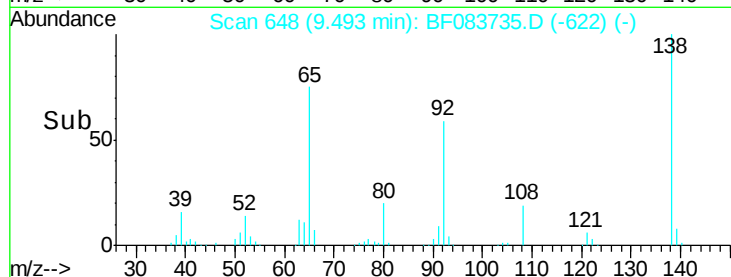
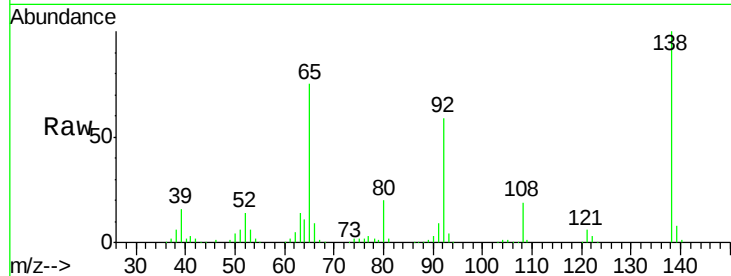
#47
 2-Nitroaniline
 Concen: 48.25 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
65	100		
92	79.0	49.6	74.4#
138	133.7	64.1	96.1#

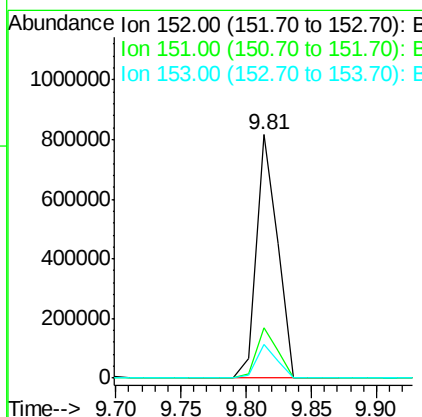
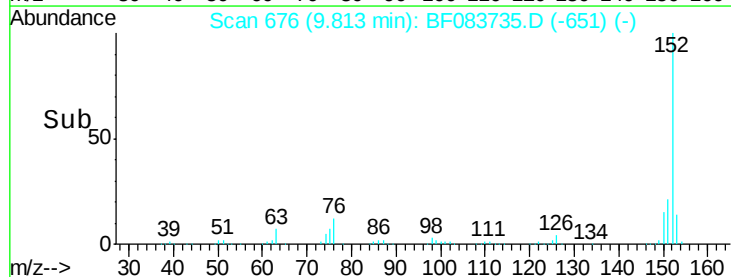
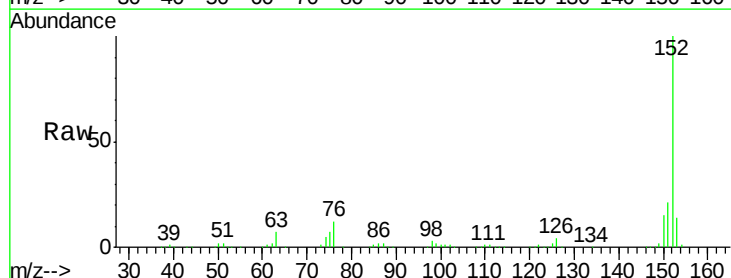
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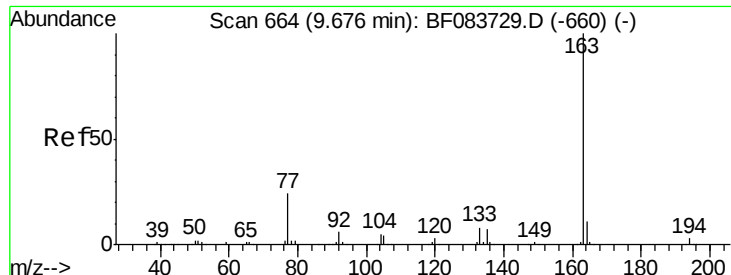
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#48
 Acenaphthylene
 Concen: 41.50 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp Lower	Upper
152	100		
151	20.8	16.3	24.5
153	13.8	10.8	16.2





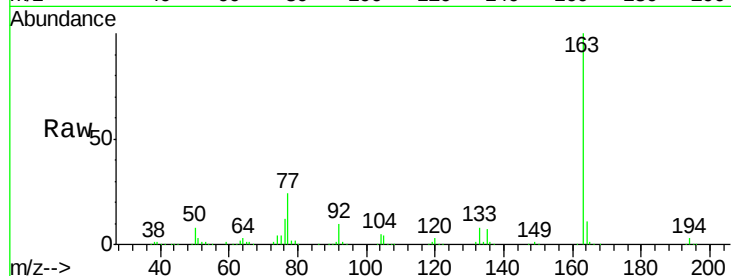
#49
Dimethylphthalate
Concen: 40.64 ng
RT: 9.68 min Scan# 664
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

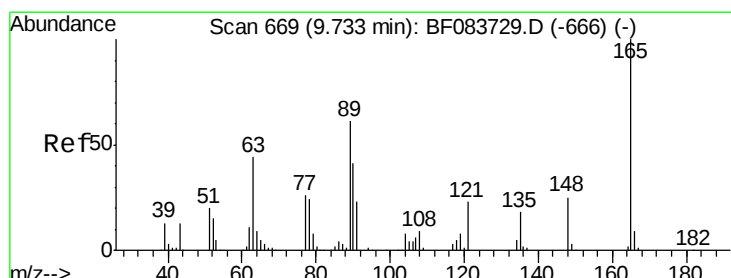
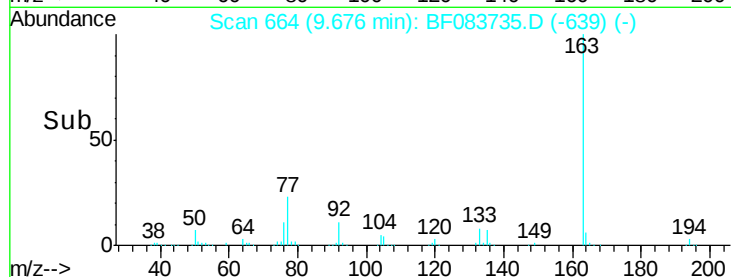
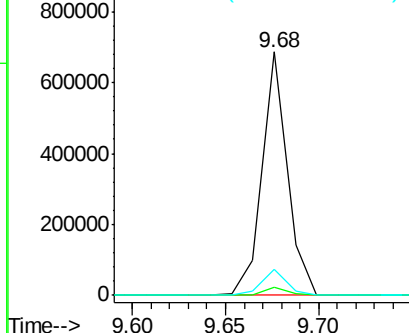
Tot Ion	Ratio	Resp	Lower	Upper
163	100	639100		
194	3.2		2.8	4.2
164	10.6		8.6	13.0

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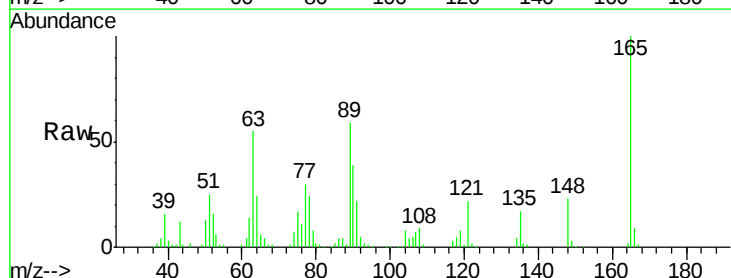


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

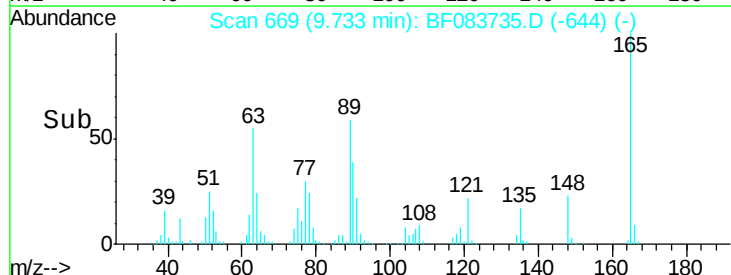
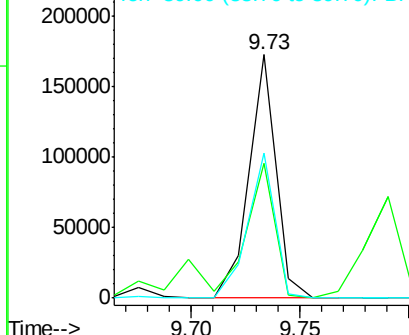


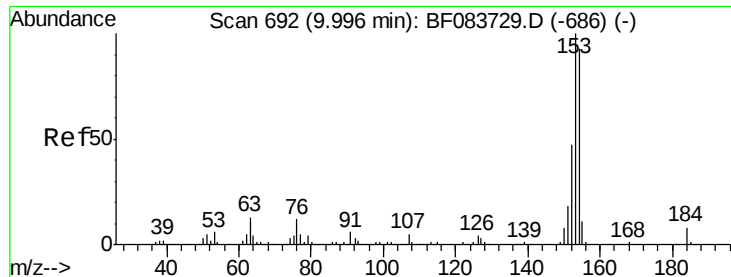
#50
2,6-Dinitrotoluene
Concen: 44.54 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	148669		
63	55.2		56.9	85.3#
89	59.4		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: 41.20 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

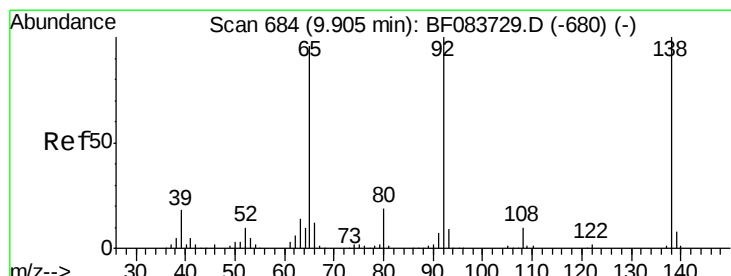
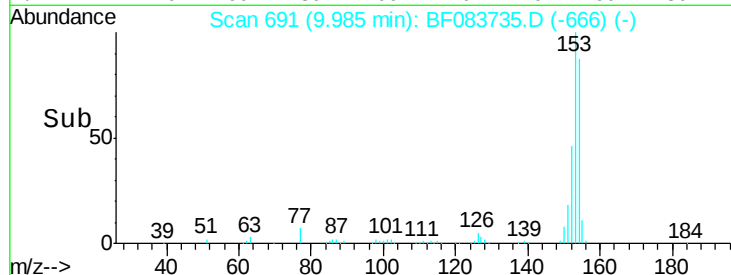
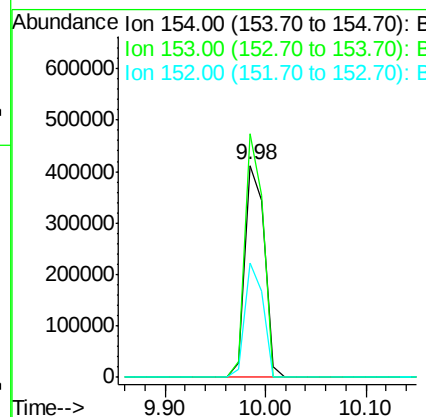
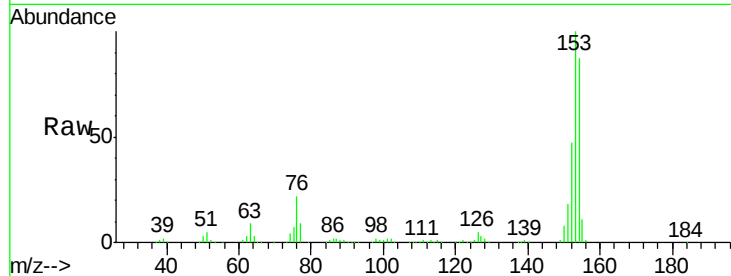
ClientSampleId :

SSTDCCC040

Tot Ion:	154	Resp:	552944
Ion Ratio	Lower	Upper	
154	100		
153	115.0	91.4	137.0
152	54.2	43.4	65.2

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#52

3-Nitroaniline

Concen: 44.74 ng

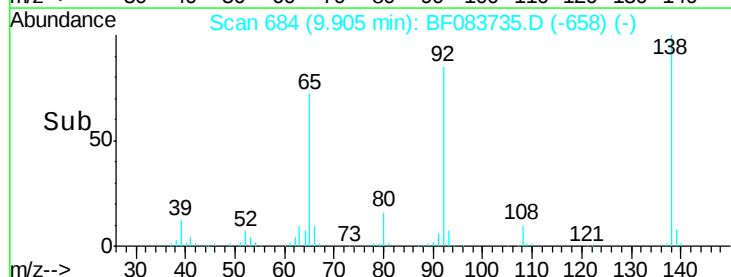
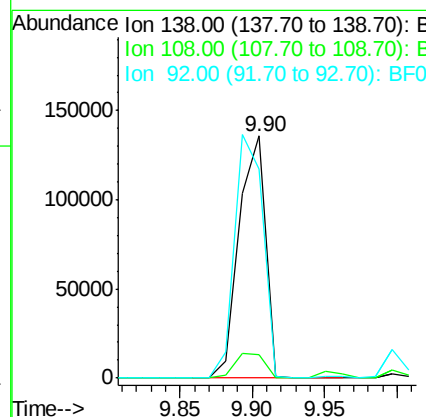
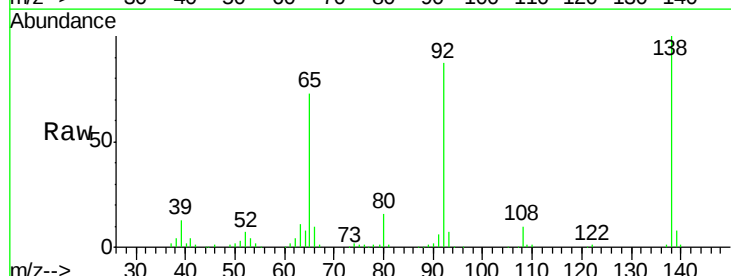
RT: 9.90 min Scan# 684

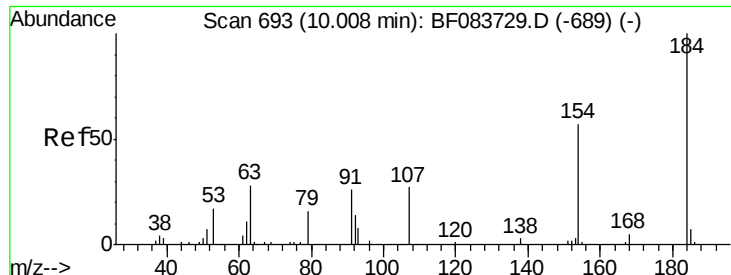
Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	138	Resp:	172164
Ion Ratio	Lower	Upper	
138	100		
108	9.8	9.9	14.9#
92	86.6	113.8	170.8#





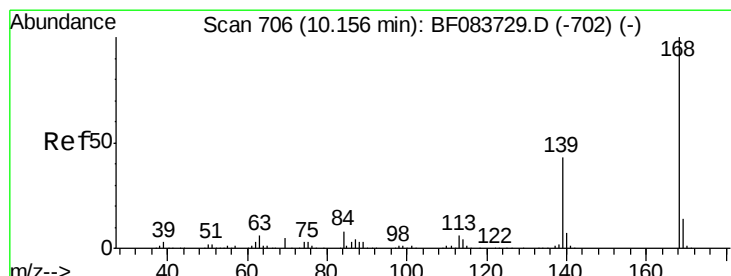
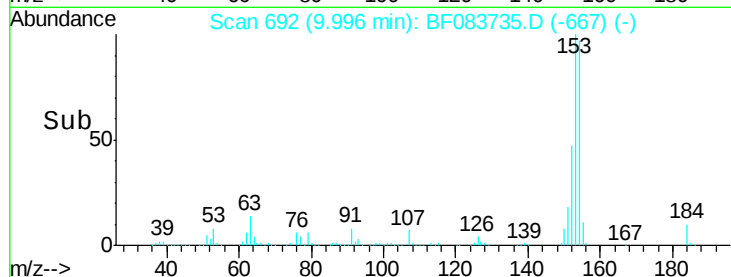
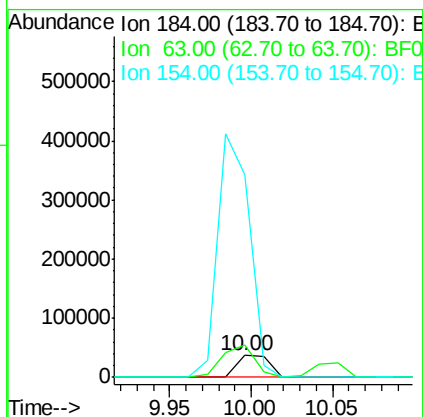
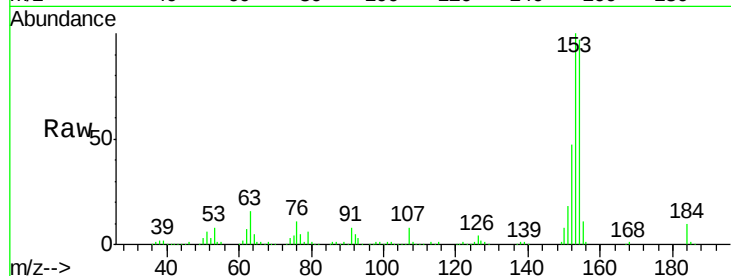
#53
2,4-Dinitrophenol
Concen: 38.59 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	150.5	62.4	93.6#	
154	934.5	46.6	69.8#	

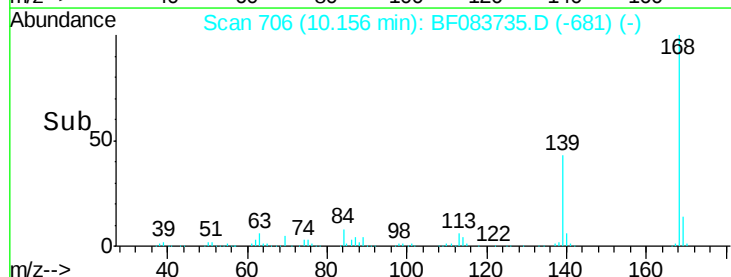
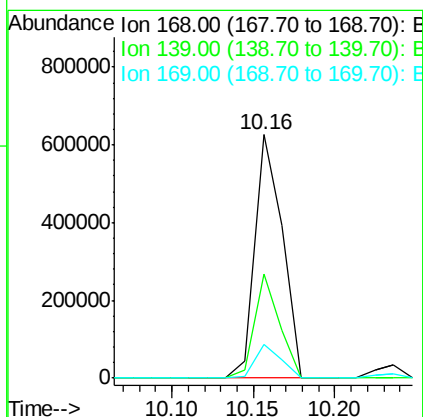
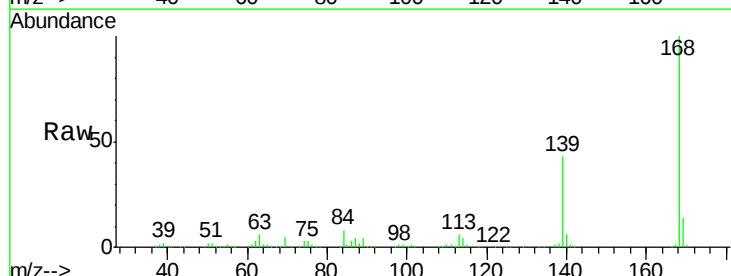
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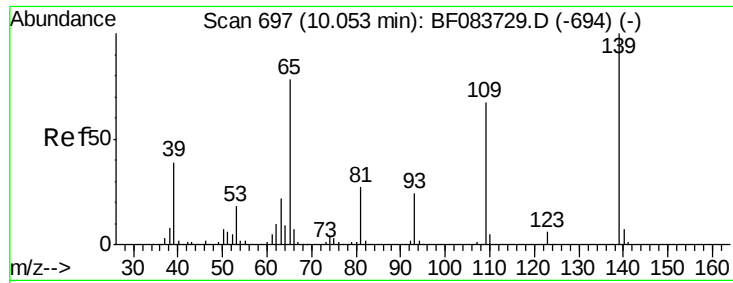
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#54
Dibenzofuran
Concen: 41.05 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.9	28.0	42.0#	
169	14.0	10.8	16.2	





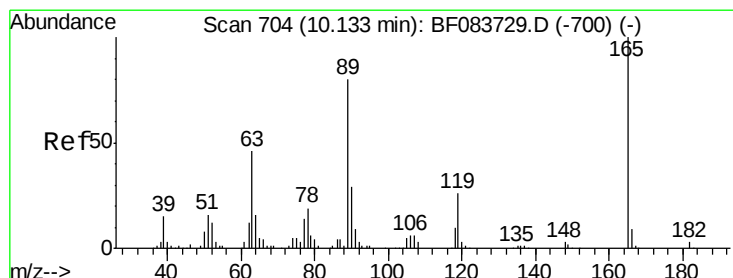
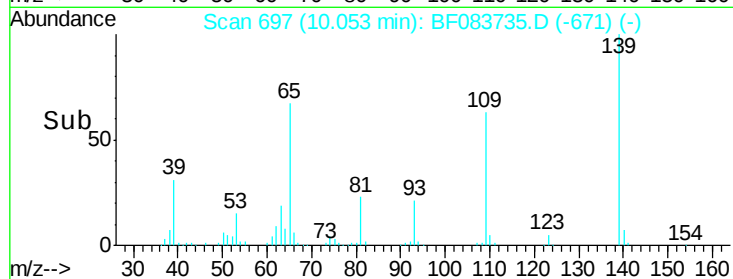
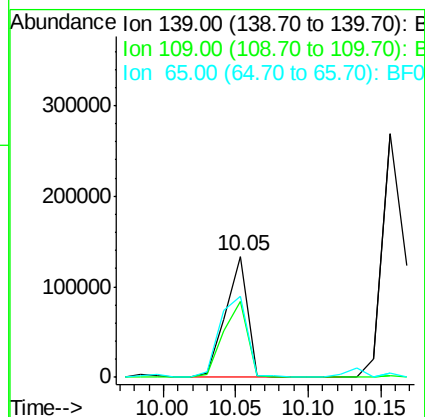
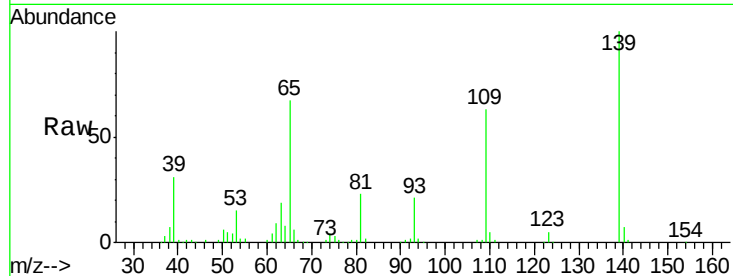
#55
4-Nitrophenol
Concen: 49.99 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	142428		
109	63.0	42.0	82.0	
65	67.1	89.2	129.2	

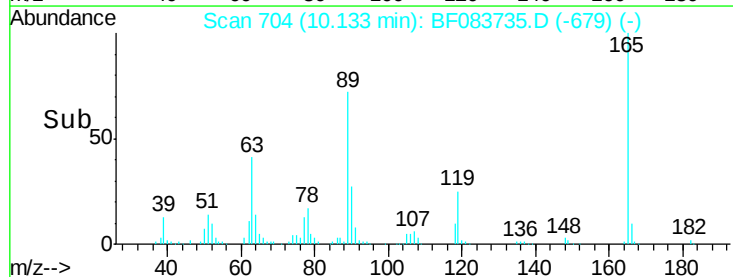
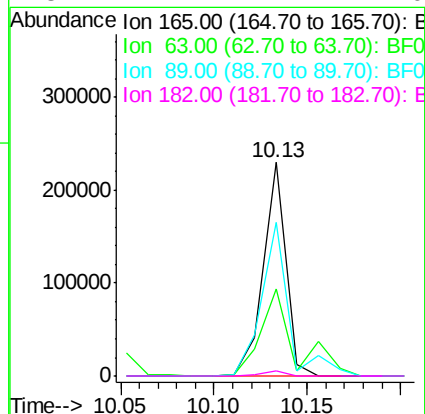
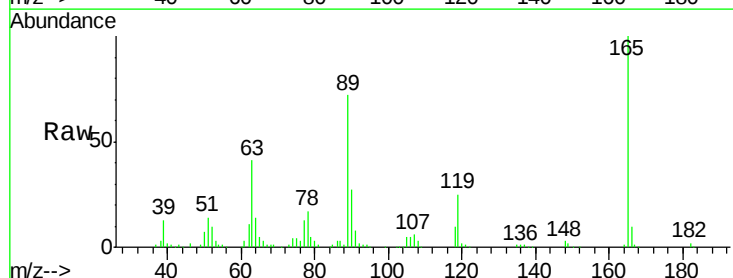
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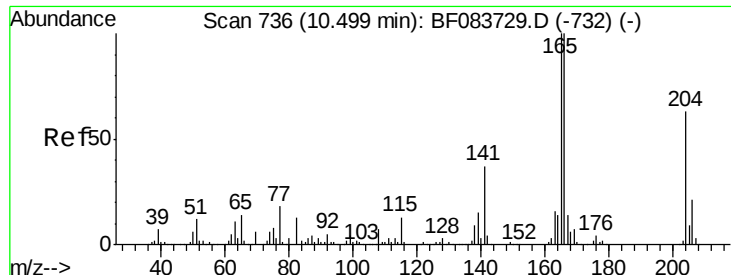
MMdadoda
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#56
2,4-Dinitrotoluene
Concen: 44.78 ng
RT: 10.13 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	195243		
63	41.0	51.4	77.2	
89	72.1	72.6	108.8	
182	2.4	1.4	2.0	





#57

Fluorene

Concen: 39.77 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

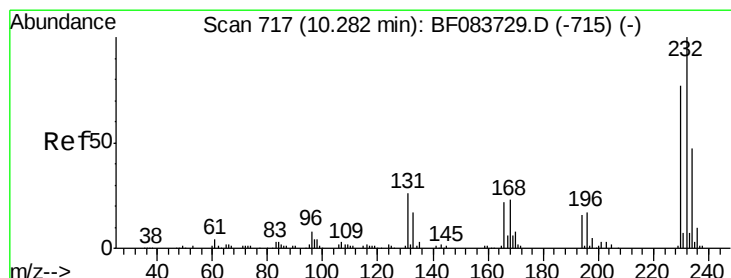
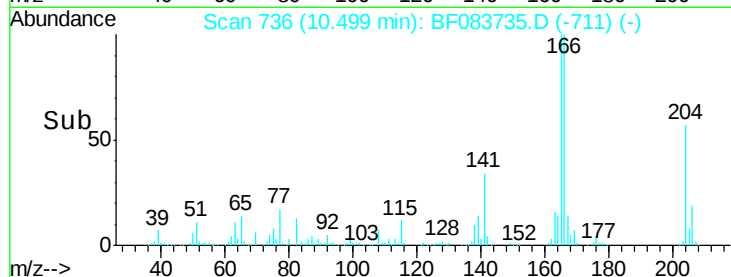
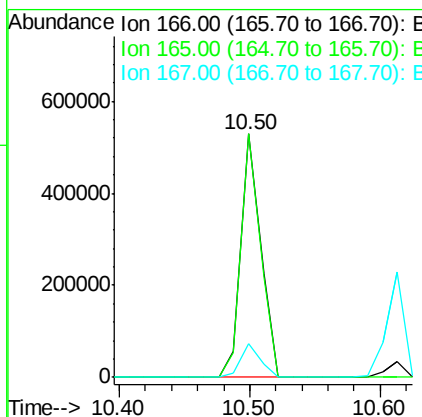
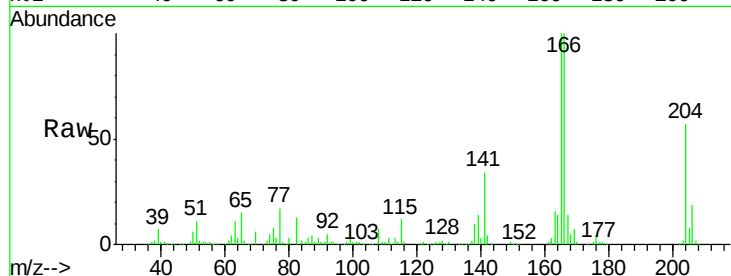
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	556998
Ion Ratio	Lower	Upper	
166	100		
165	100.0	80.0	120.0
167	13.9	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 41.98 ng

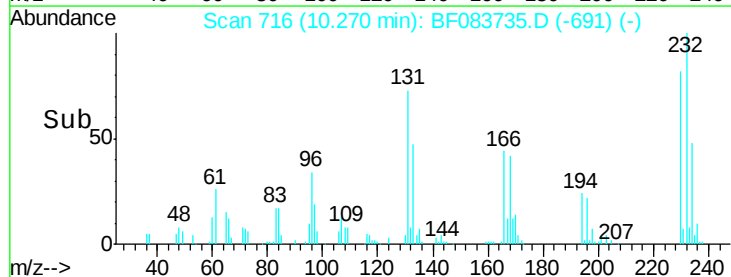
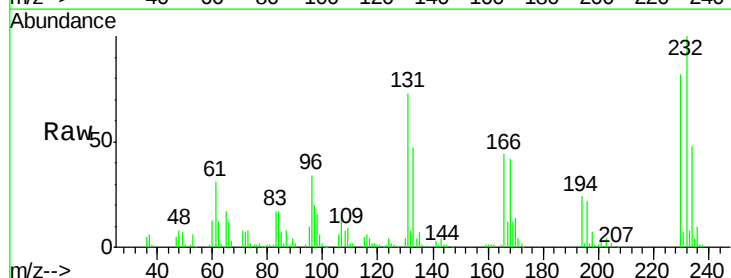
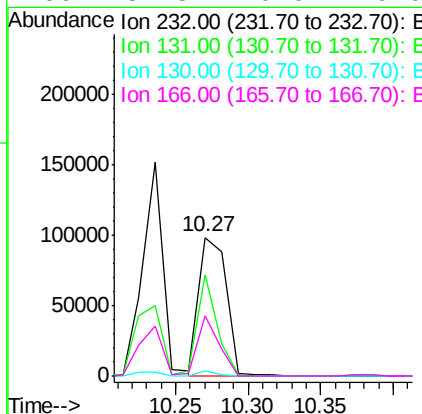
RT: 10.27 min Scan# 716

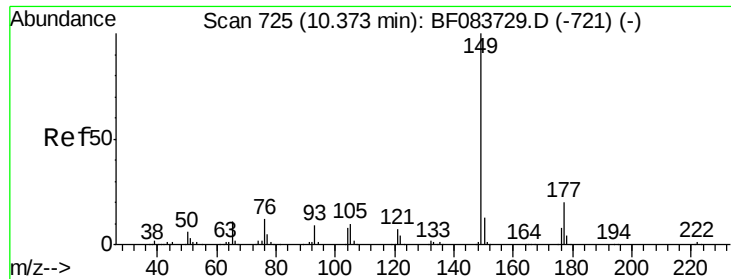
Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	232	Resp:	130117
Ion Ratio	Lower	Upper	
232	100		
131	52.3	0.0	0.0#
130	2.6	0.0	0.0#
166	34.3	0.0	0.0#





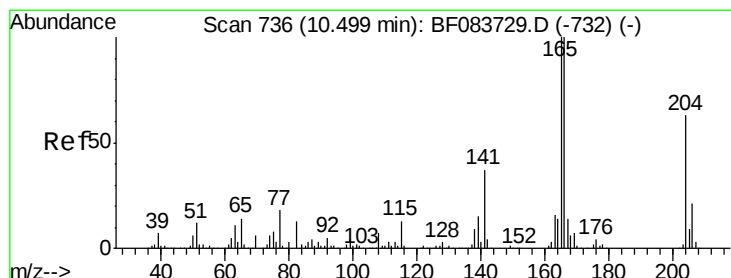
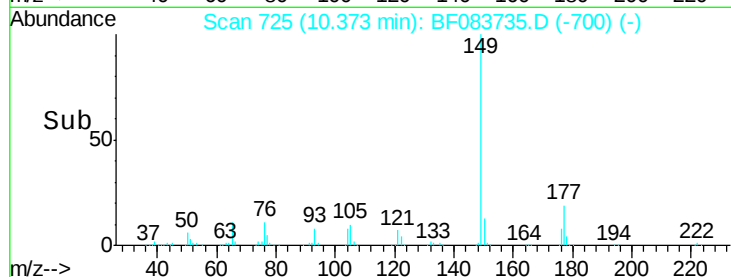
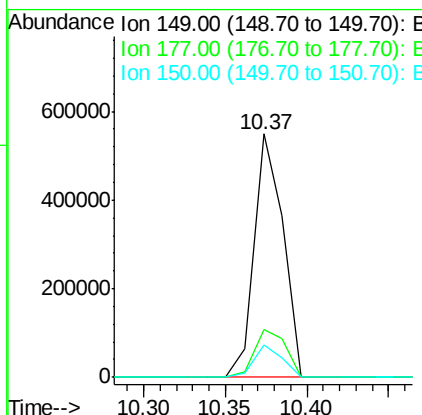
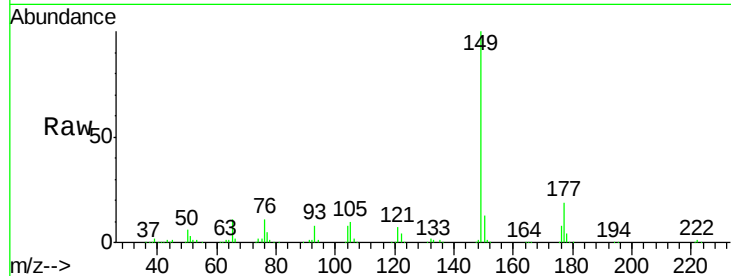
#59
Diethylphthalate
Concen: 42.23 ng
RT: 10.37 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	672399		
177	19.4		16.9	25.3
150	13.3		10.2	15.4

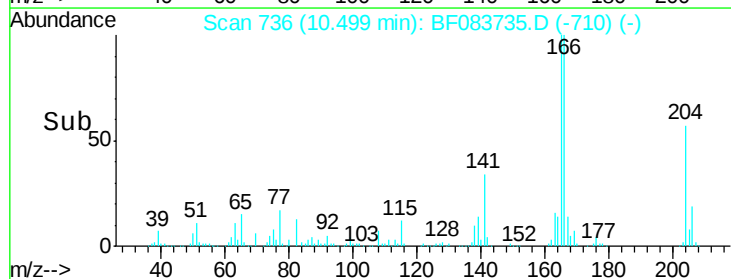
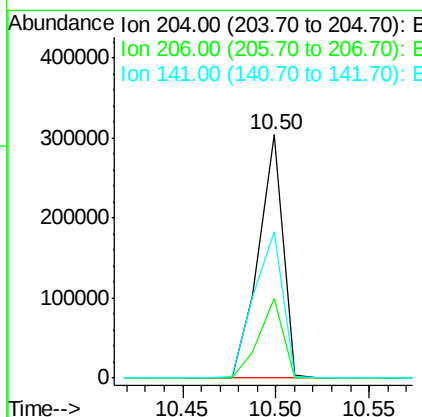
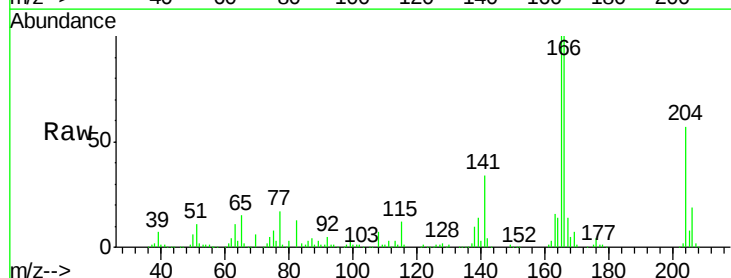
Manual Integrations
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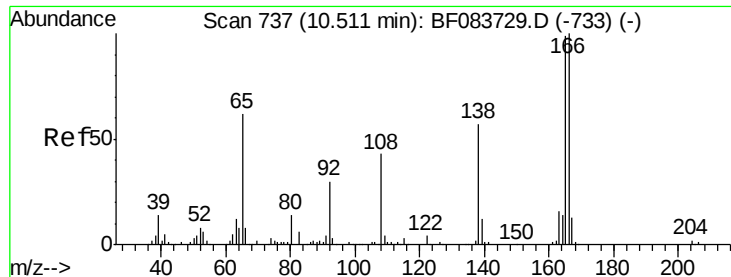
MMdadoda
12/14/2015 6:23:42 PM



#60
4-Chlorophenyl-phenylether
Concen: 44.22 ng
RT: 10.50 min Scan# 736
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	282371		
206	32.9		27.3	40.9
141	59.9		51.9	77.9





#61

4-Nitroaniline

Concen: 44.45 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

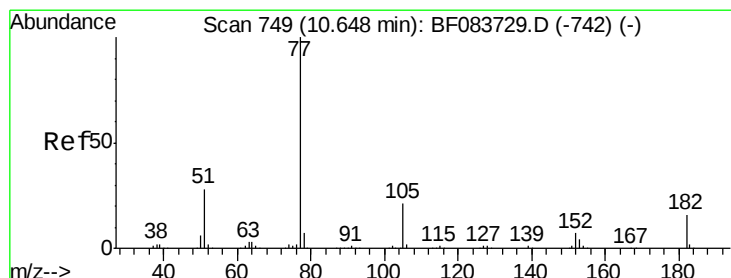
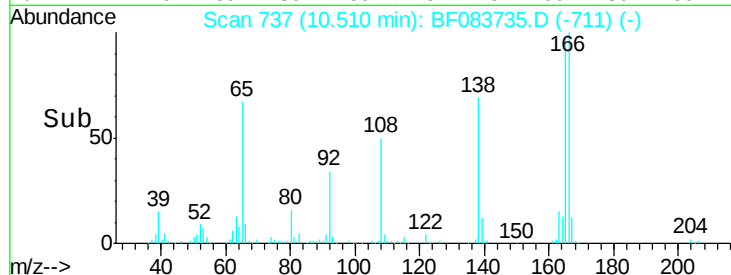
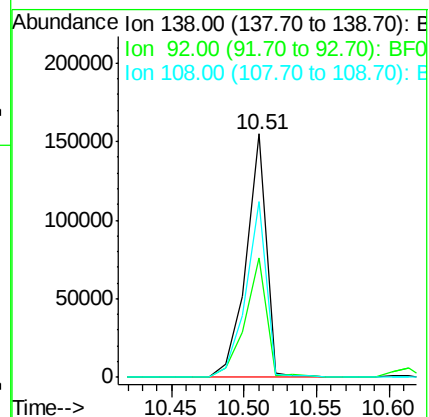
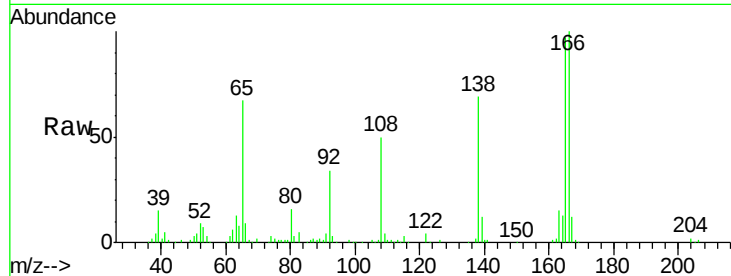
ClientSampleId :

SSTDCCC040

Tot Ion:	138	Resp:	150786
Ion Ratio	Lower	Upper	
138	100		
92	48.9	29.0	69.0
108	72.0	47.4	87.4

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#62

Azobenzene

Concen: 43.38 ng

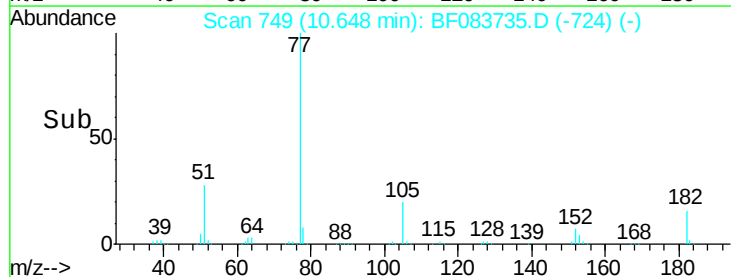
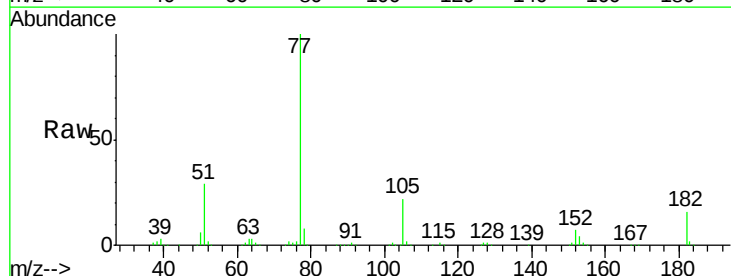
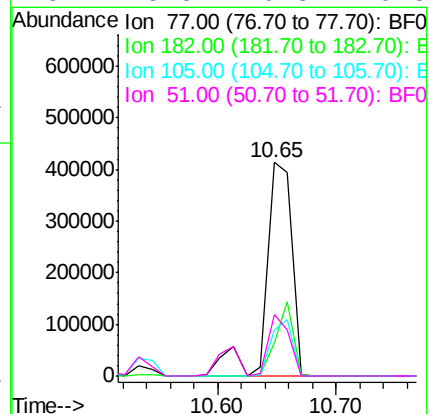
RT: 10.65 min Scan# 749

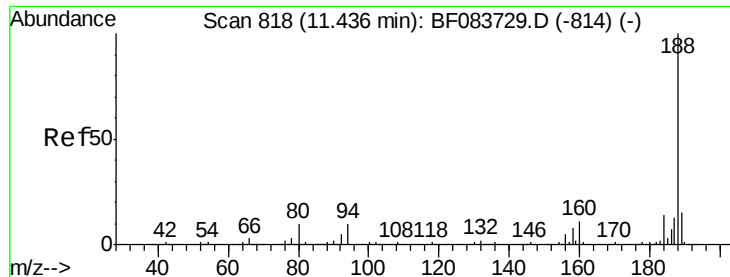
Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	77	Resp:	629652
Ion Ratio	Lower	Upper	
77	100		
182	15.8	2.5	42.5
105	21.6	2.1	42.1
51	28.8	9.3	49.3





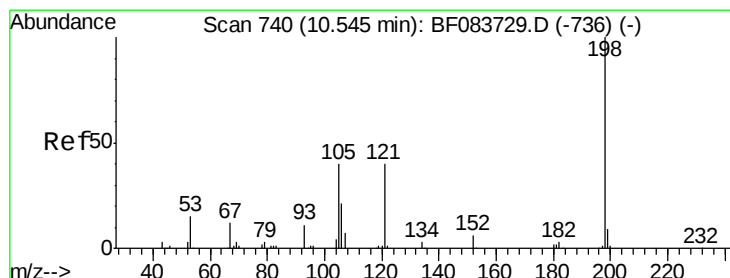
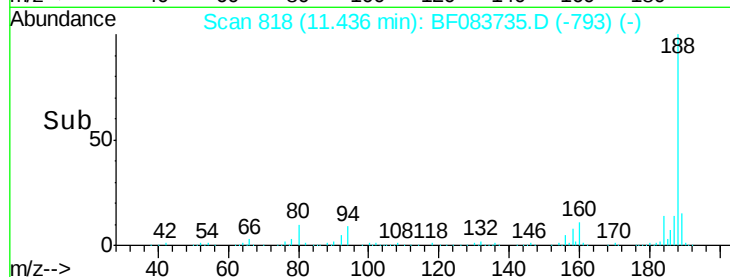
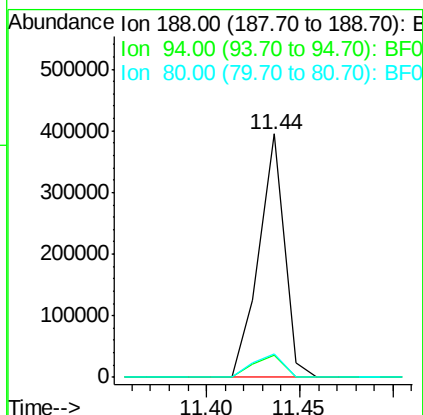
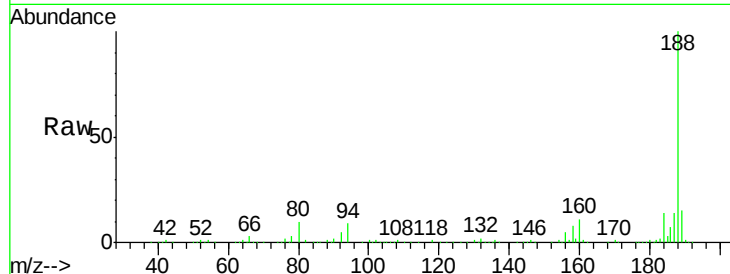
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	9.6	10.6	16.0#

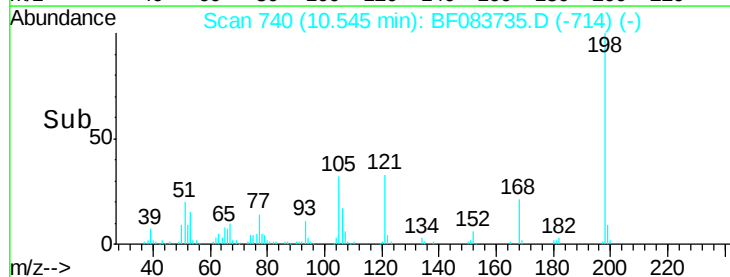
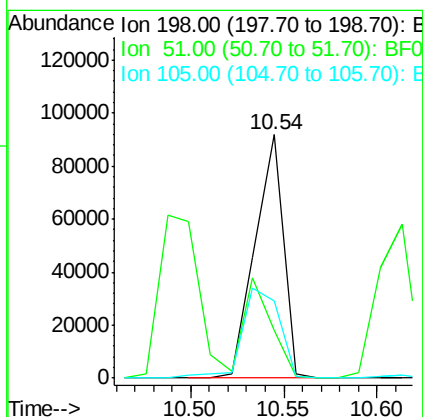
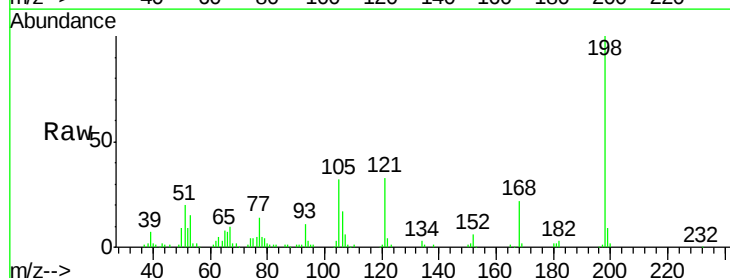
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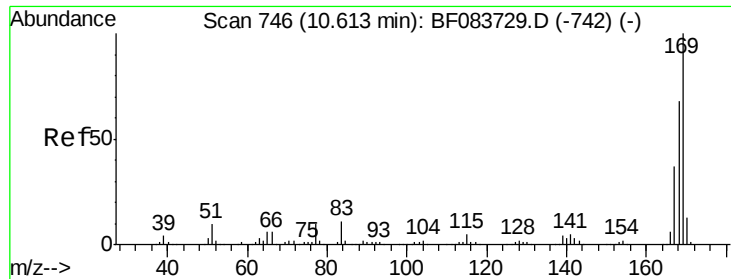
MMdadoda
 12/14/2015 6:23:42 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.41 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	19.6	53.8	93.8#
105	31.6	38.6	78.6#





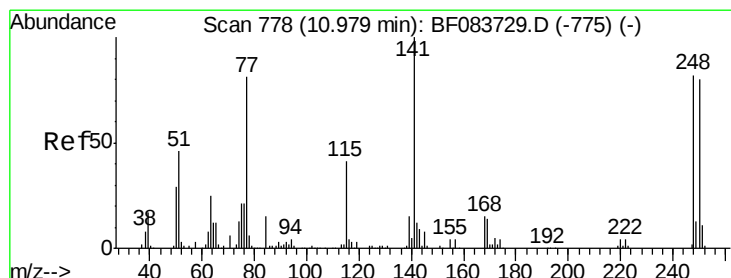
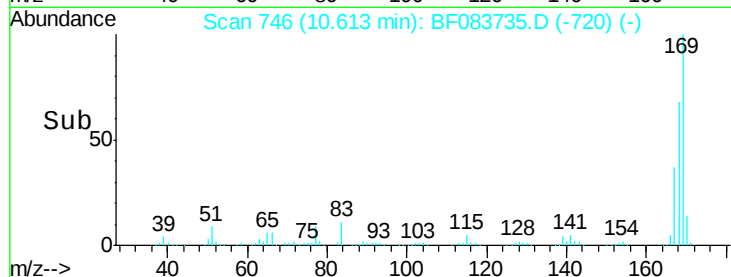
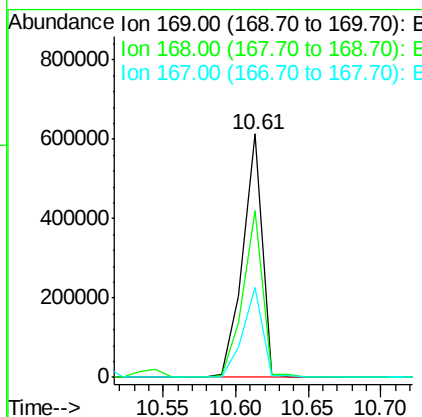
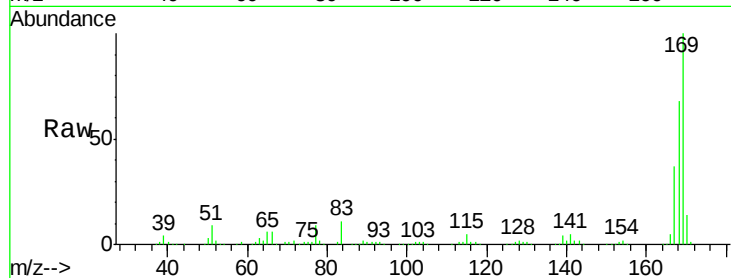
#65
n-Nitrosodiphenylamine
Concen: 44.98 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	573765		
168	68.4		53.0	79.6
167	37.2		29.3	43.9

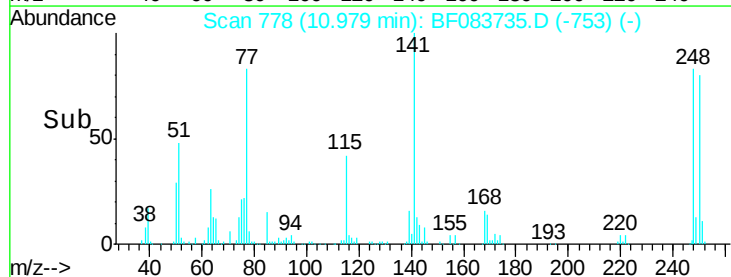
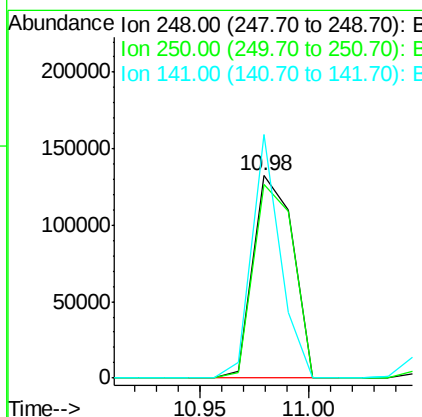
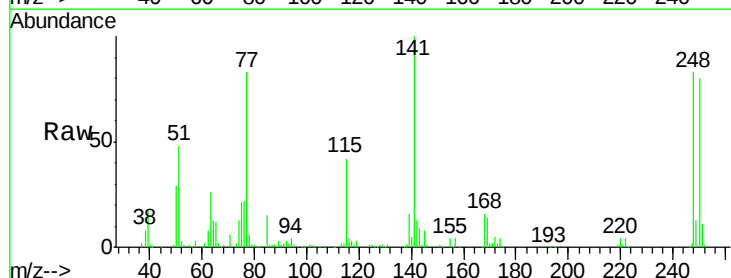
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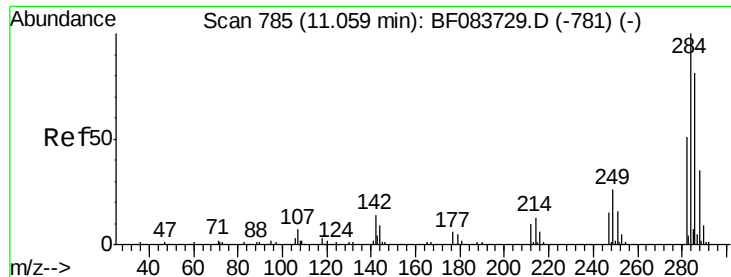
MMdadoda
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#66
4-Bromophenyl-phenylether
Concen: 40.64 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	169458		
250	95.9		79.2	118.8
141	120.2		58.2	87.4#





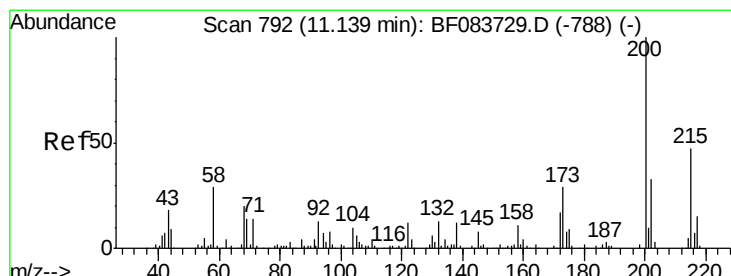
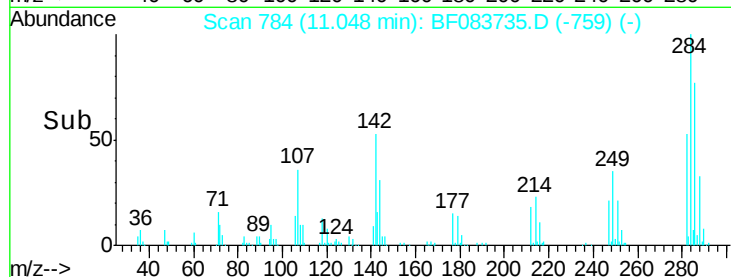
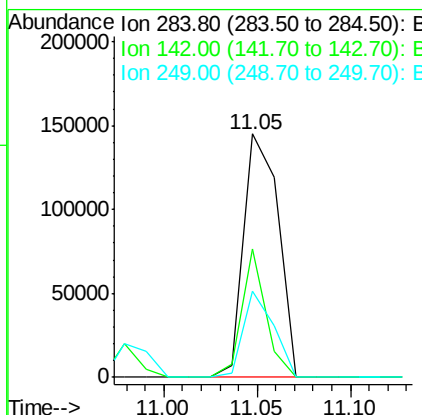
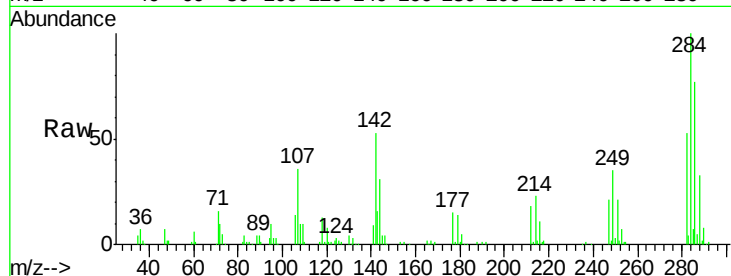
#67
Hexachlorobenzene
Concen: 41.26 ng
RT: 11.05 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	186168		
142	52.7	31.0	46.4	#
249	35.3	26.9	40.3	

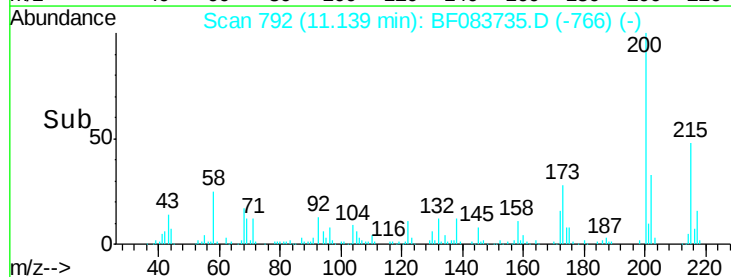
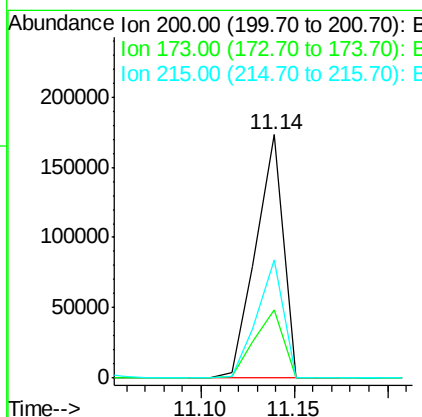
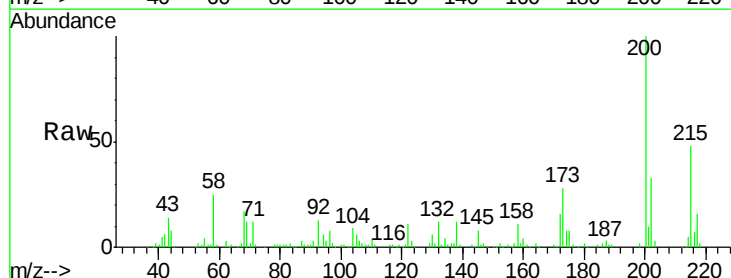
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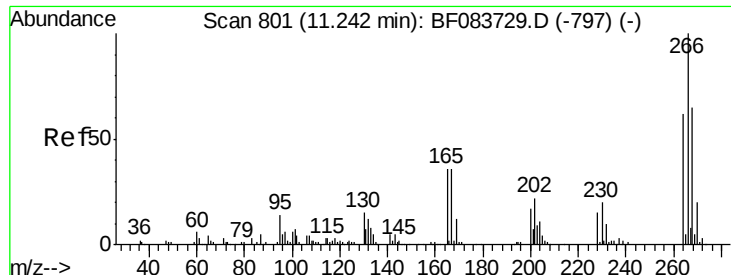
MMdadoda
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#68
Atrazine
Concen: 48.53 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	176133		
173	28.0	7.8	47.8	
215	48.3	25.7	65.7	





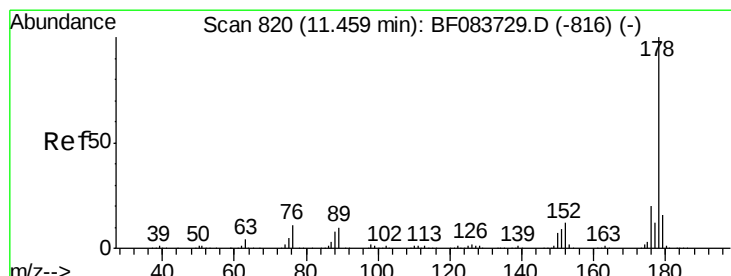
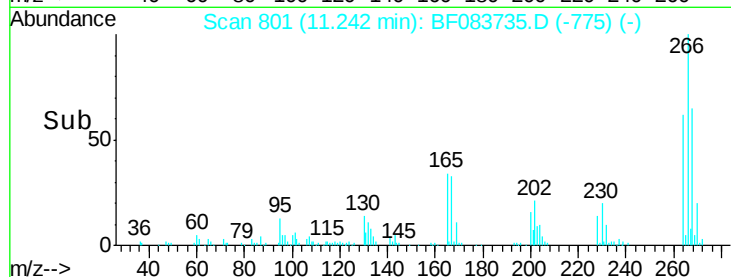
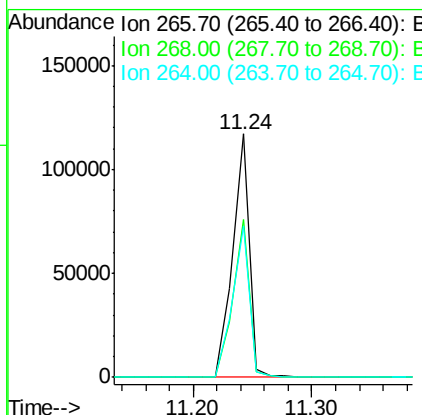
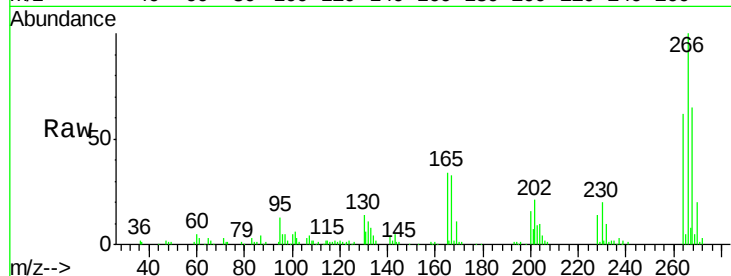
#69
 Pentachlorophenol
 Concen: 44.80 ng
 RT: 11.24 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	114019		
268	65.0		50.2	75.2
264	62.3		51.4	77.2

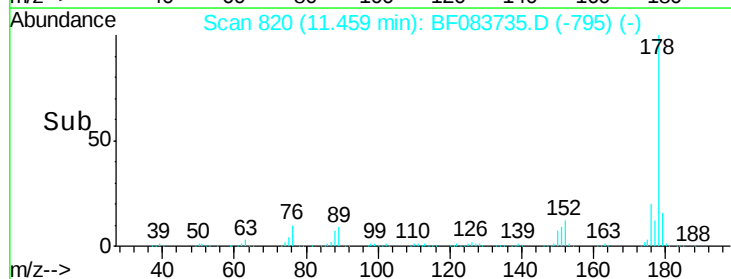
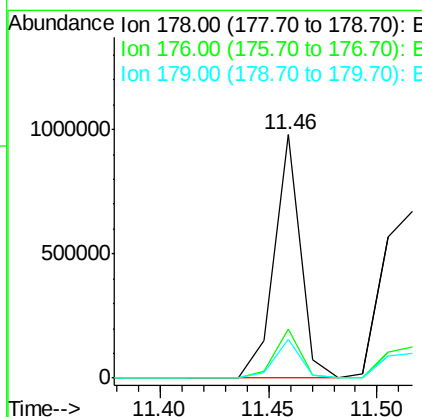
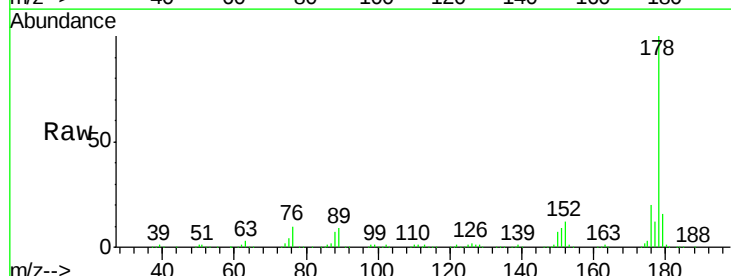
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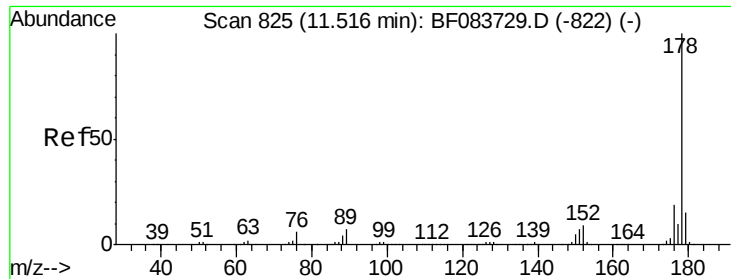
MMdadoda
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#70
 Phenanthrene
 Concen: 41.75 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	827084		
176	20.0		15.7	23.5
179	16.0		12.2	18.4





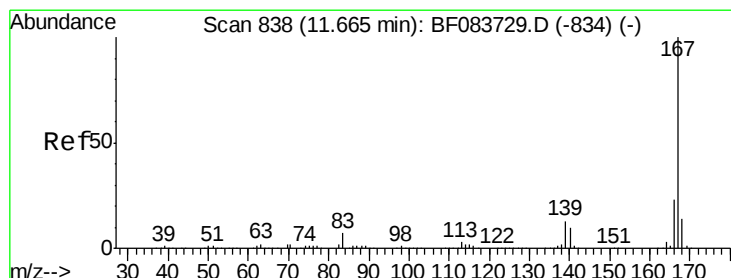
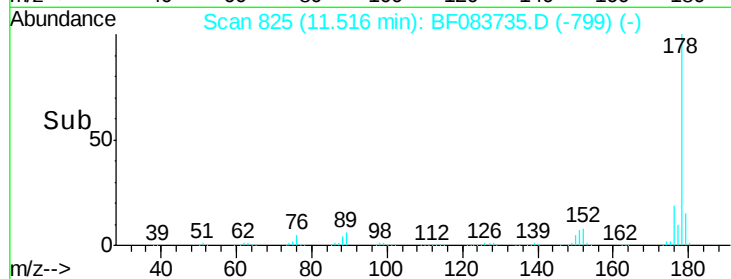
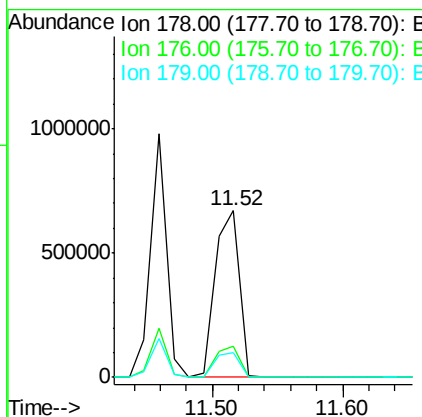
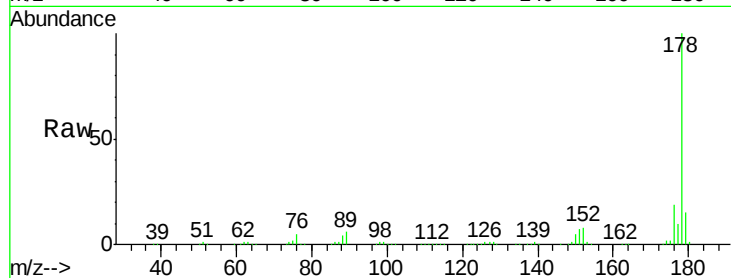
#71
 Anthracene
 Concen: 42.25 ng
 RT: 11.52 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.0	12.6	18.8

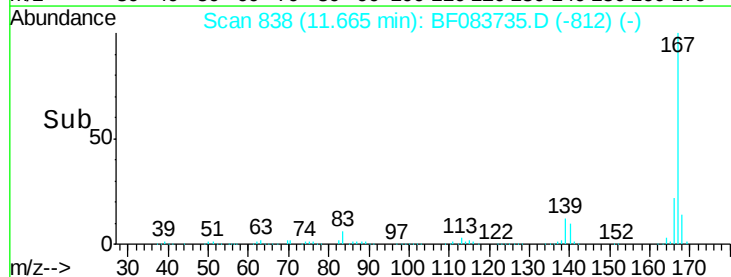
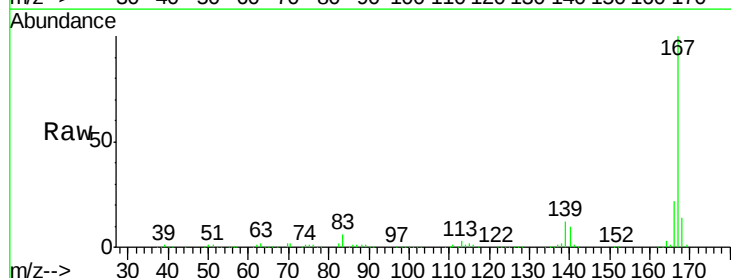
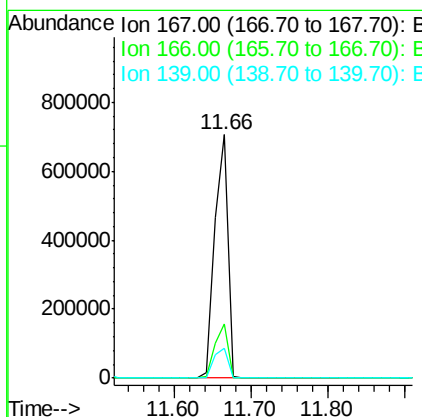
Manual Integrations
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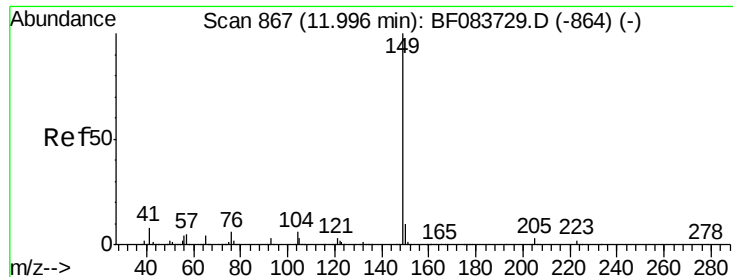
MMdadoda
 12/14/2015 6:23:42 PM



#72
 Carbazole
 Concen: 42.87 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.2	25.8
139	12.4	9.3	13.9





#73

Di-n-butylphthalate

Concen: 40.26 ng

RT: 12.00 min Scan# 867

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

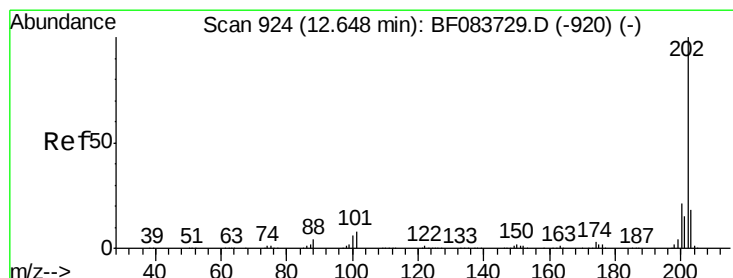
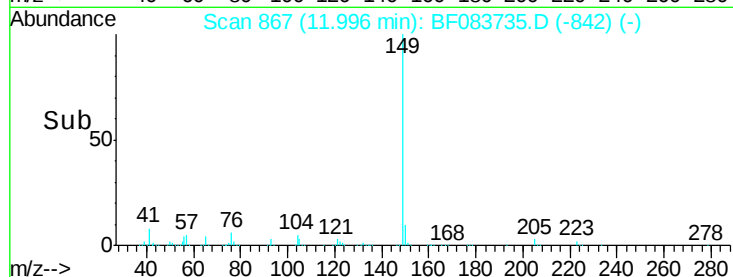
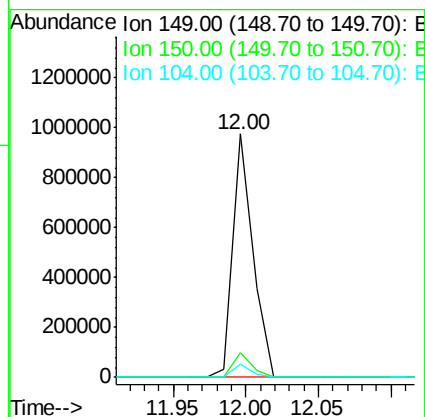
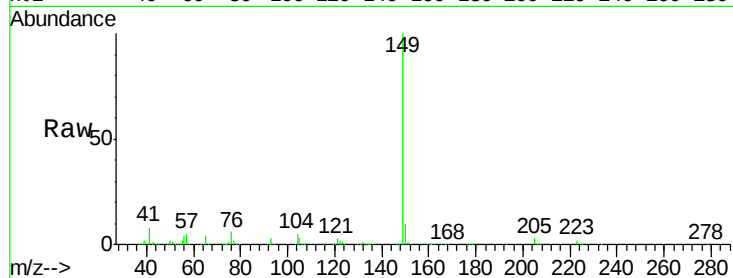
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	937316
Ion Ratio	Lower	Upper	
149	100		
150	9.9	7.8	11.6
104	5.5	3.9	5.9

Manual Integrations
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12/14/2015 6:23:42 PM



#74

Fluoranthene

Concen: 41.93 ng

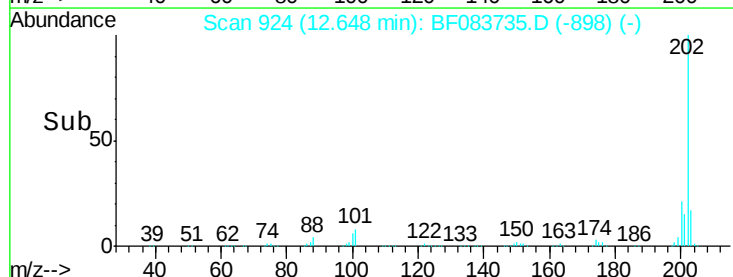
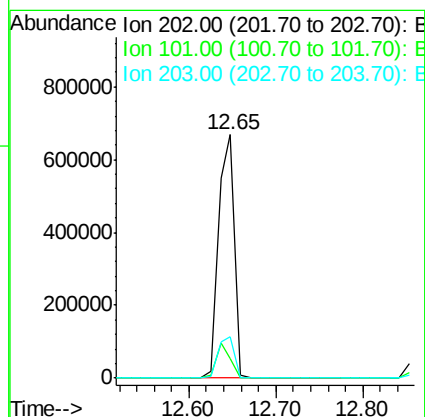
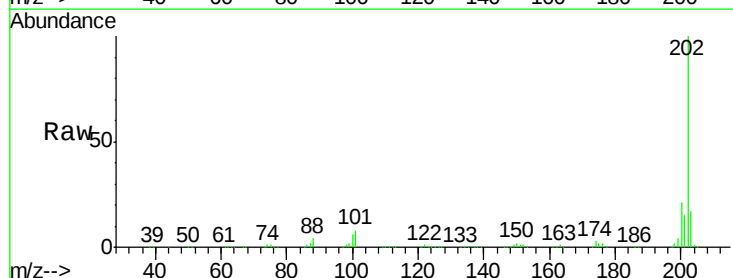
RT: 12.65 min Scan# 924

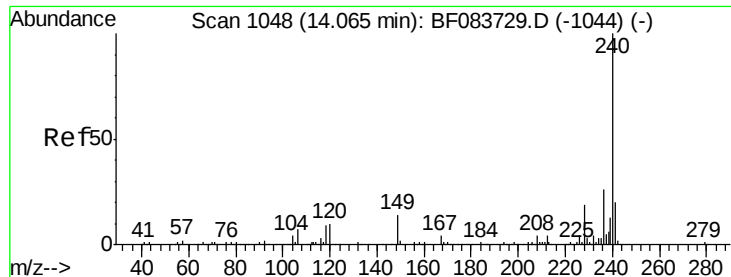
Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	202	Resp:	858310
Ion Ratio	Lower	Upper	
202	100		
101	7.9	0.0	31.5
203	17.0	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: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

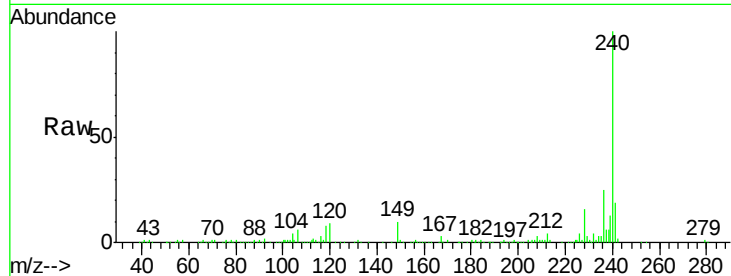
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	245780
Ion Ratio	Lower	Upper	
240	100		
120	9.1	8.1	12.1
236	25.3	20.8	31.2

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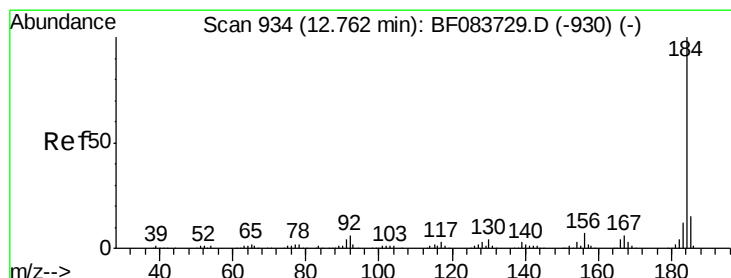
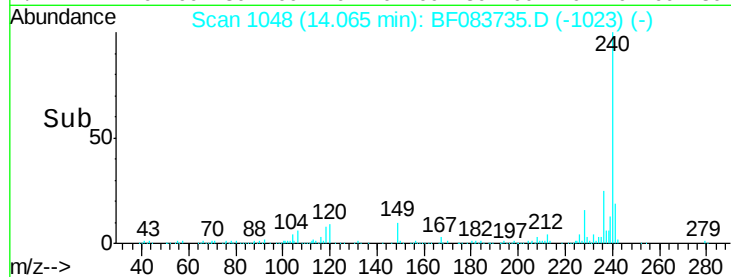
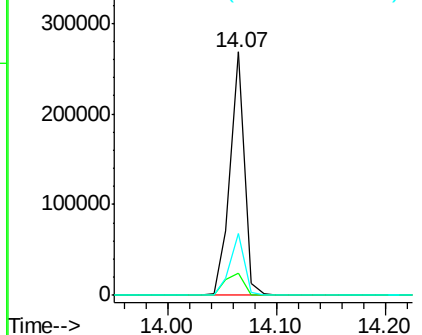
MMdadoda
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.63 ng

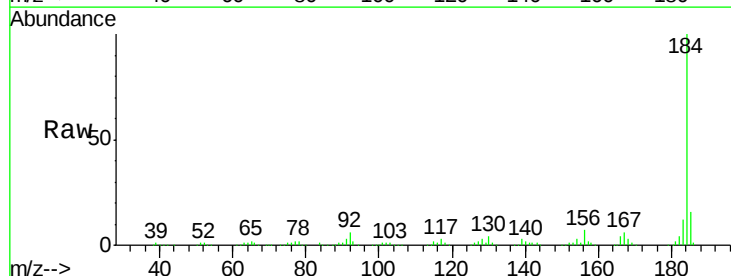
RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

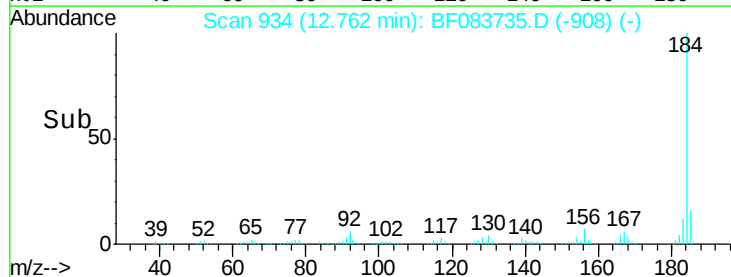
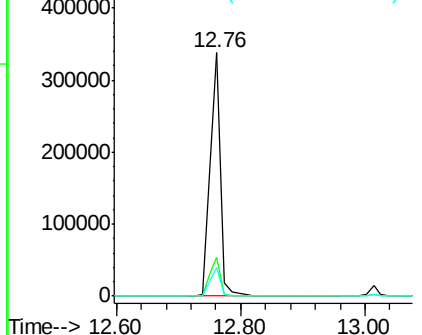
Tgt Ion:	184	Resp:	386651
Ion Ratio	Lower	Upper	
184	100		
185	16.0	13.0	19.6
183	11.5	9.0	13.4

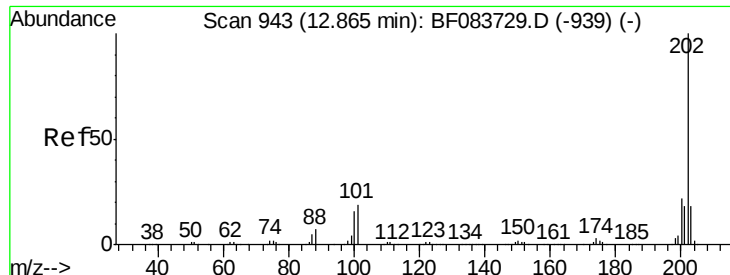


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





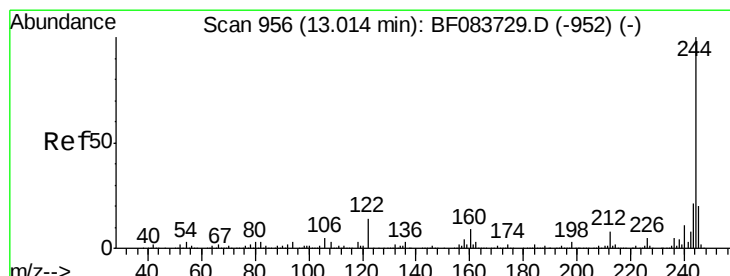
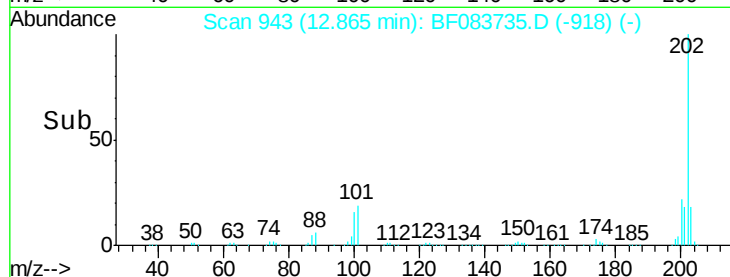
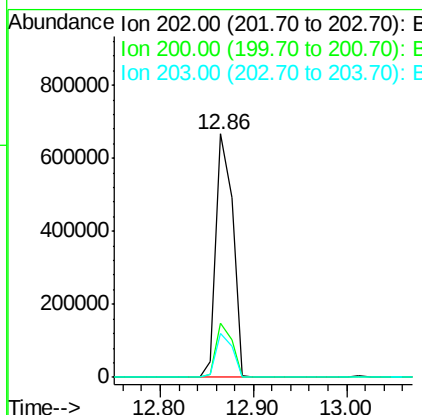
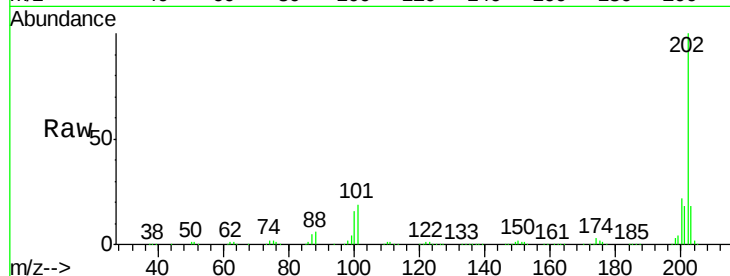
#77
Pvrene
Concen: 42.79 ng
RT: 12.86 min Scan# 943
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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

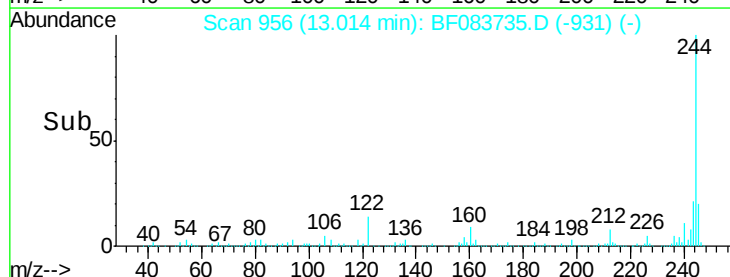
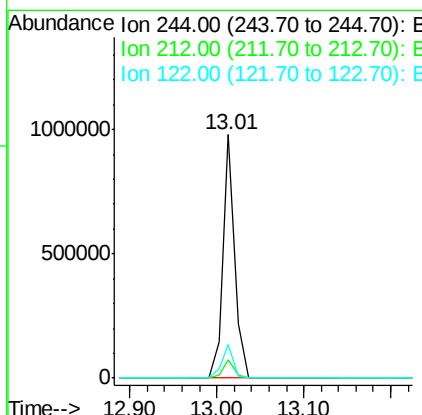
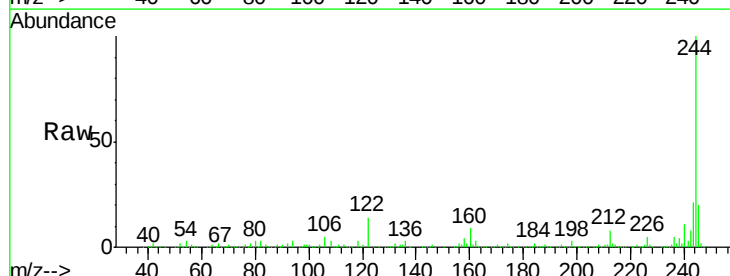
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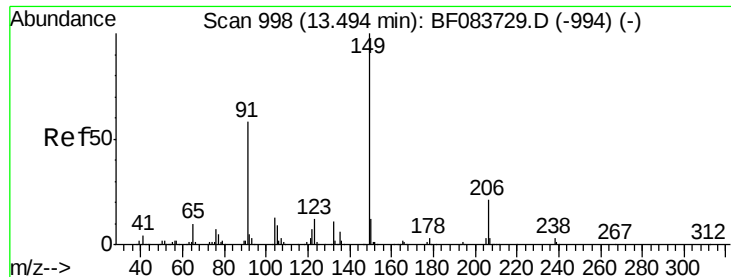
MMdadoda
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#78
Terphenyl-d14
Concen: 81.34 ng
RT: 13.01 min Scan# 956
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	13.9	11.0	16.6





#79

Butylbenzylphthalate

Concen: 44.73 ng

RT: 13.49 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 372921
Ion Ratio Lower Upper

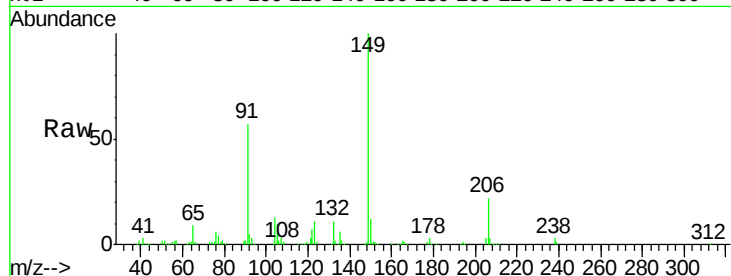
149 100

91 57.2 60.0 90.0#

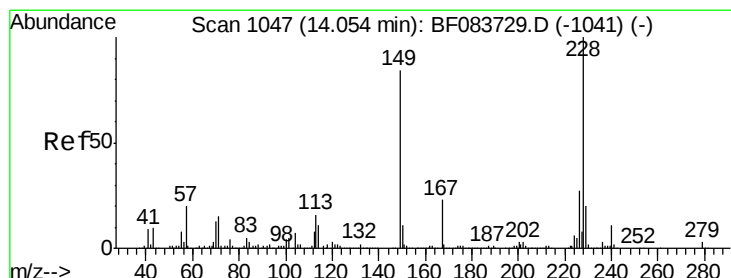
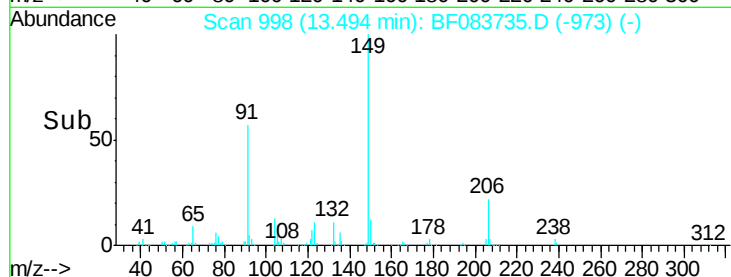
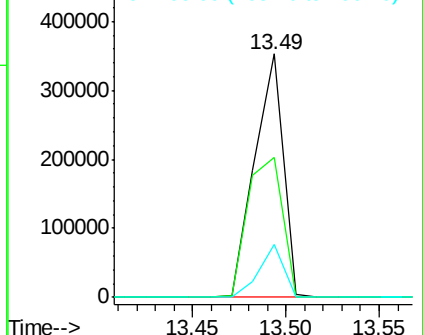
206 21.9 16.2 24.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.96 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083735.D

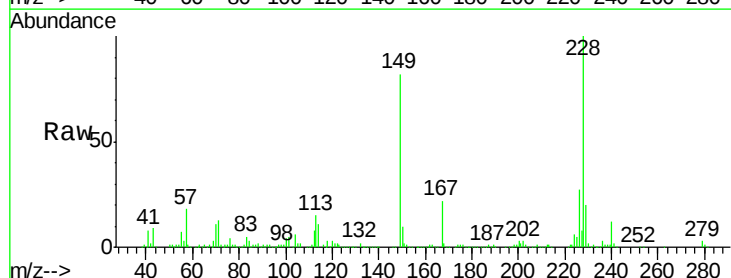
Acq: 13 Dec 2015 18:01

Tgt Ion:228 Resp: 614318
Ion Ratio Lower Upper

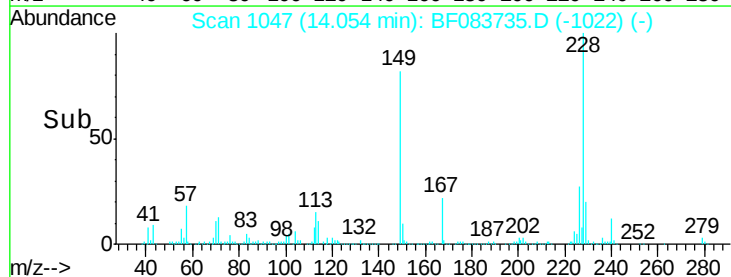
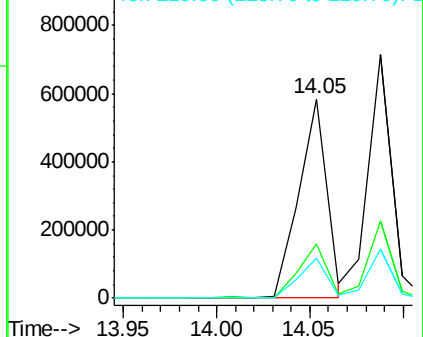
228 100

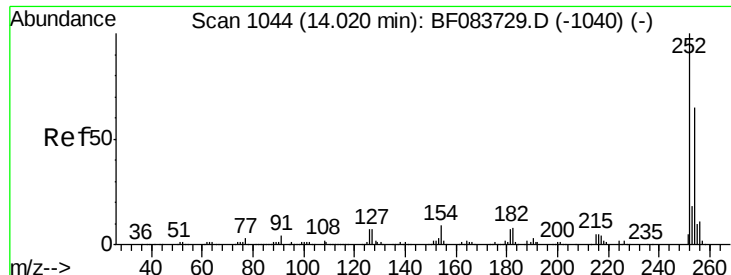
226 27.3 22.3 33.5

229 20.0 15.7 23.5



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





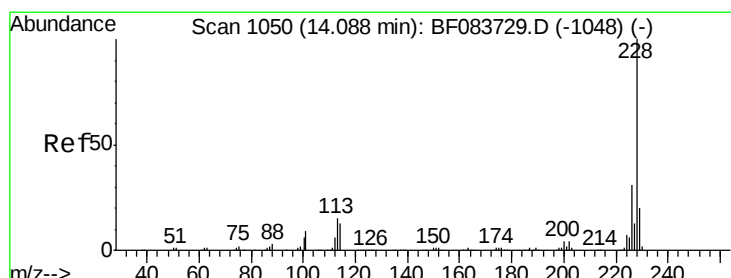
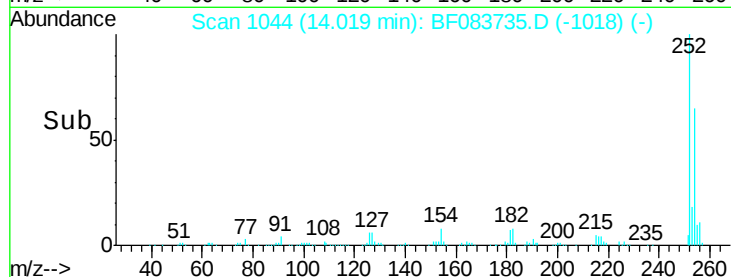
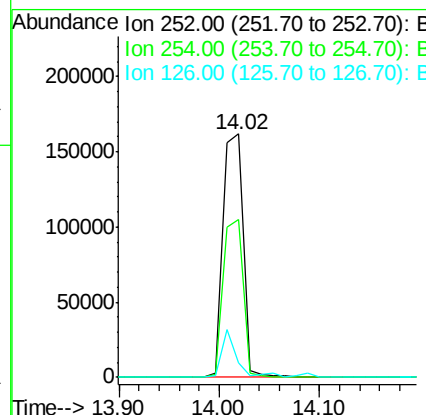
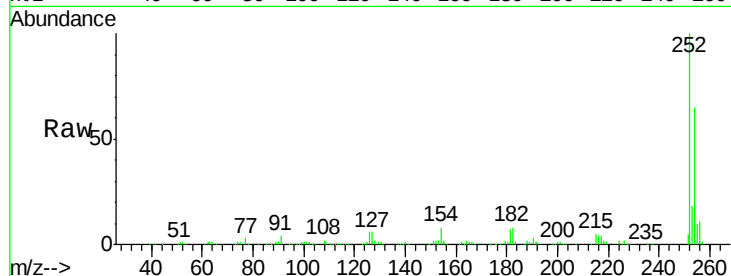
#81
 3,3'-Dichlorobenzidine
 Concen: 44.96 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.9	50.6	76.0
126	6.0	11.0	16.4

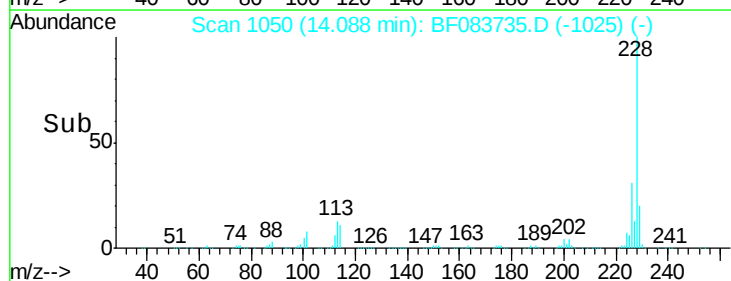
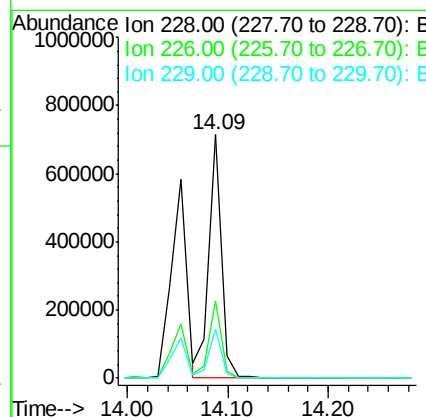
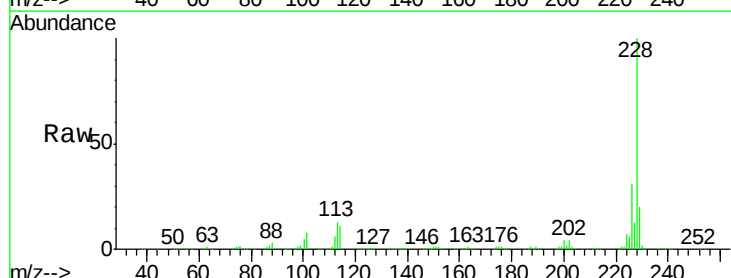
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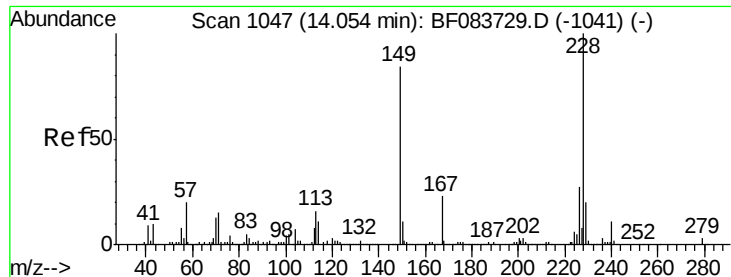
MMdadoda
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#82
 Chrysene
 Concen: 45.74 ng
 RT: 14.09 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.7	37.1
229	20.0	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 44.85 ng

RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Instrument :

BNA_F

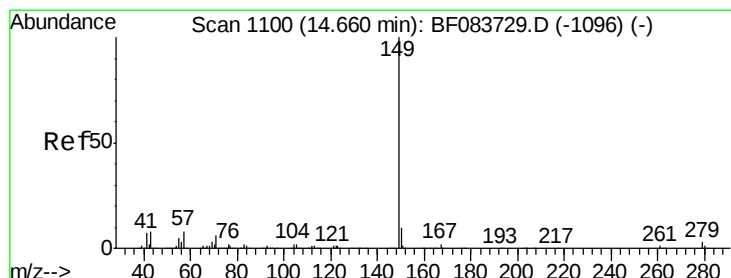
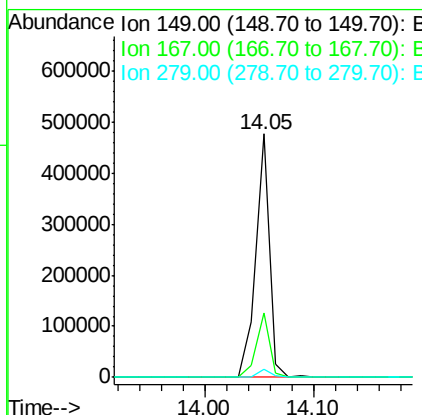
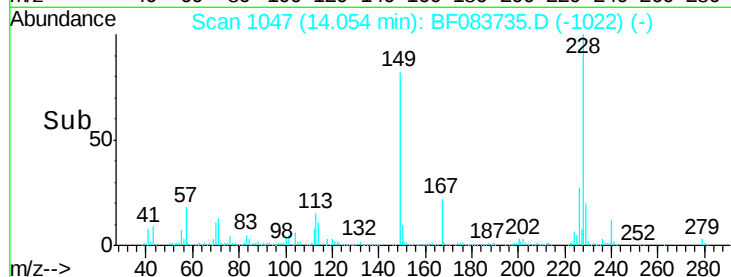
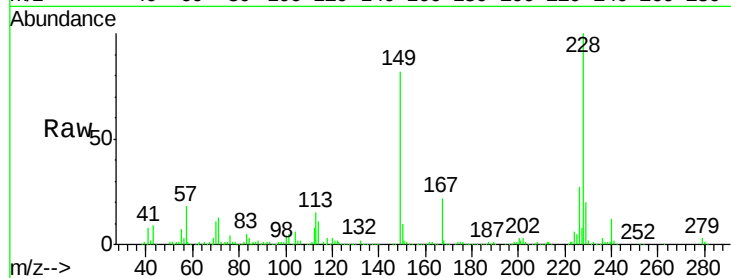
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	425599
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.8	32.8
279	3.5	3.0	4.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 47.51 ng

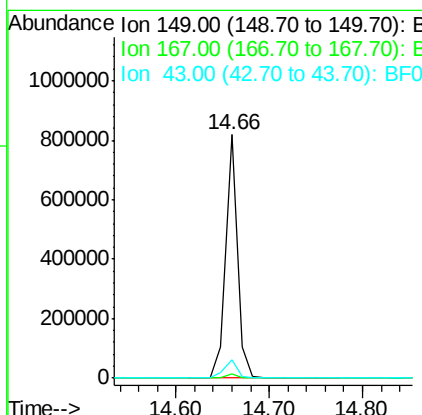
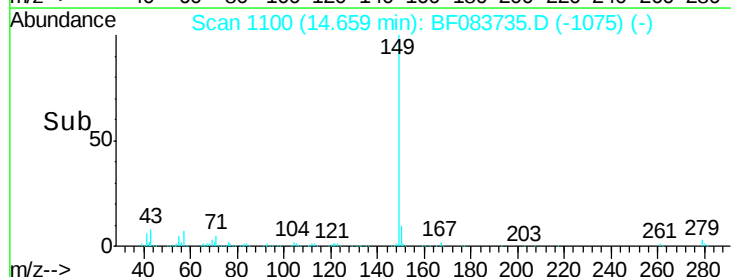
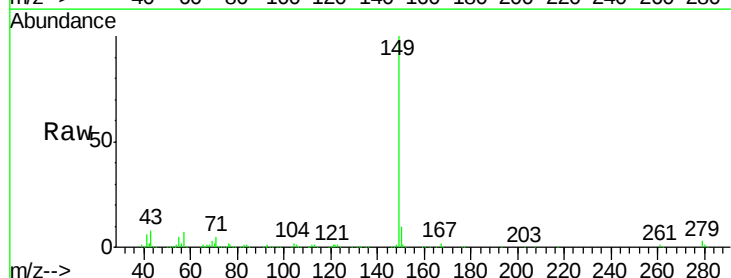
RT: 14.66 min Scan# 1100

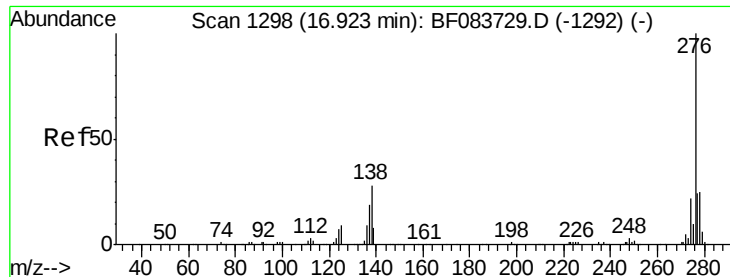
Delta R.T. -0.01 min

Lab File: BF083735.D

Acq: 13 Dec 2015 18:01

Tgt Ion:	149	Resp:	716434
Ion Ratio	Lower	Upper	
149	100		
167	1.5	0.0	0.0#
43	8.6	0.0	0.0#





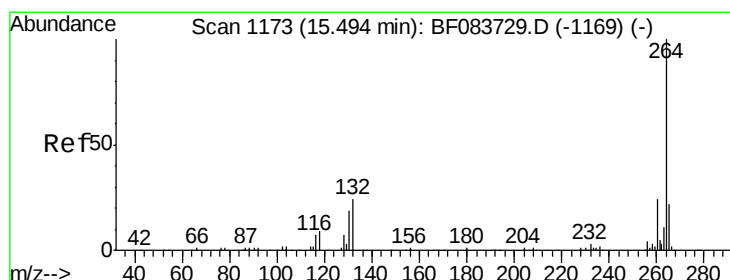
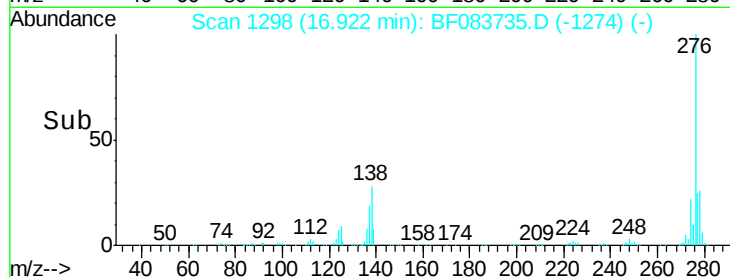
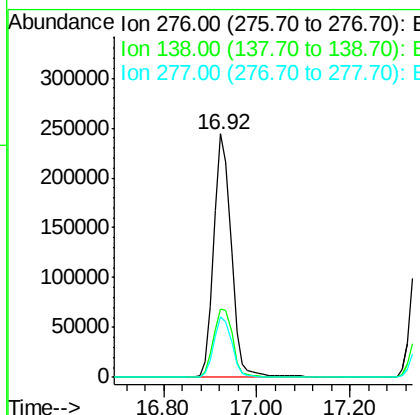
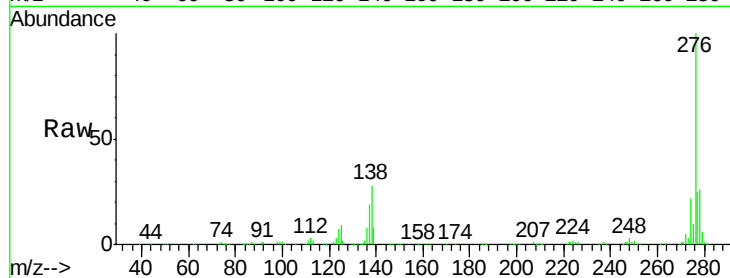
#85
Indeno(1,2,3-cd)pyrene
Concen: 48.04 ng
RT: 16.92 min Scan# 1298
Delta R.T. -0.02 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	30.7	0.0	0.0#
277	25.6	0.0	0.0#

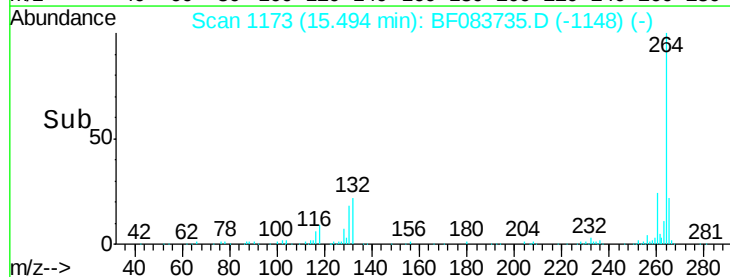
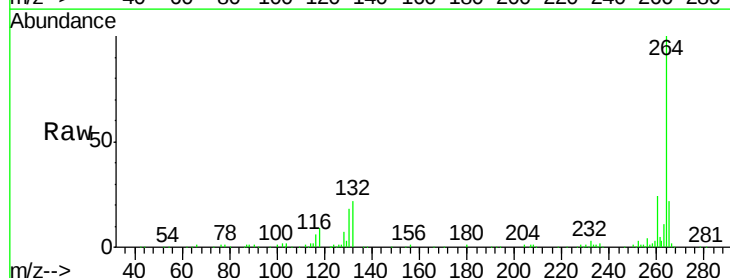
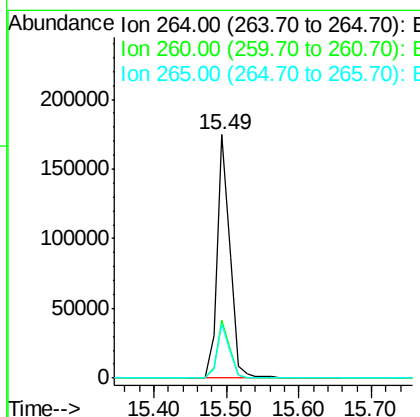
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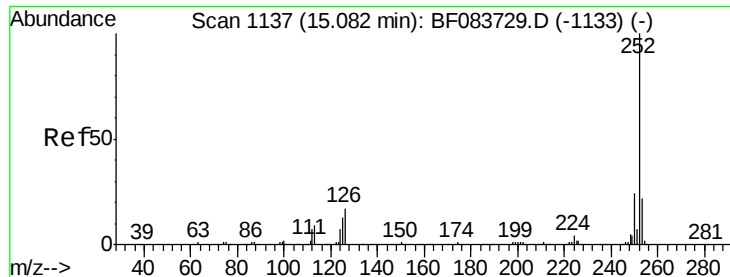
MMdadoda
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.49 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	23.7	19.4	29.0
265	22.1	17.8	26.6





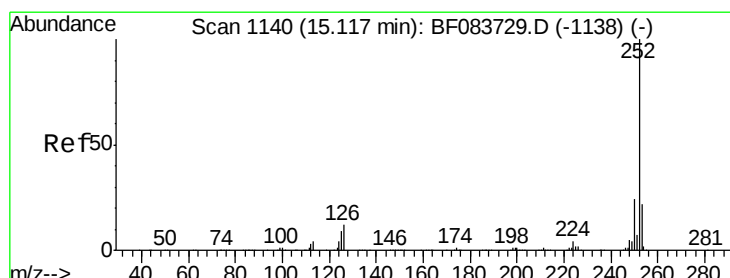
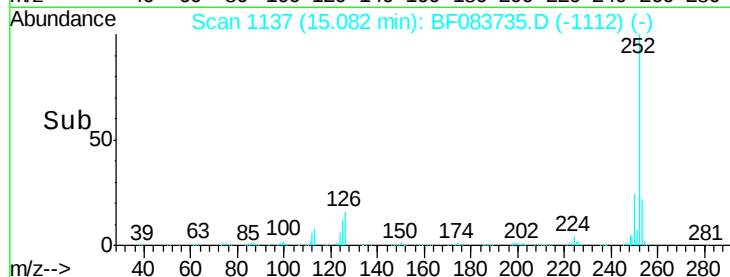
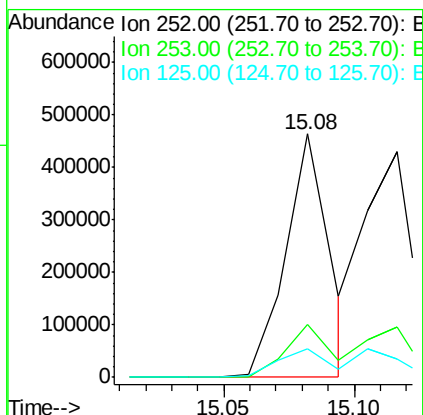
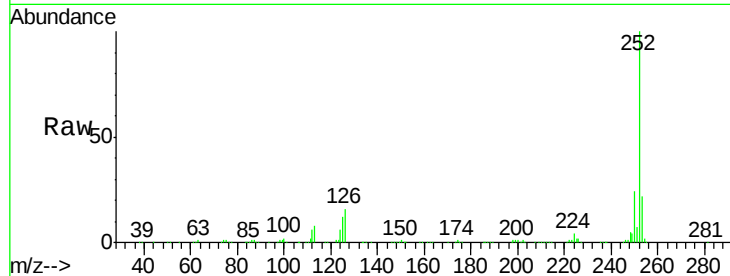
#87
Benzo(b)fluoranthene
Concen: 39.49 ng
RT: 15.08 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.4
125	12.0	8.2	12.4

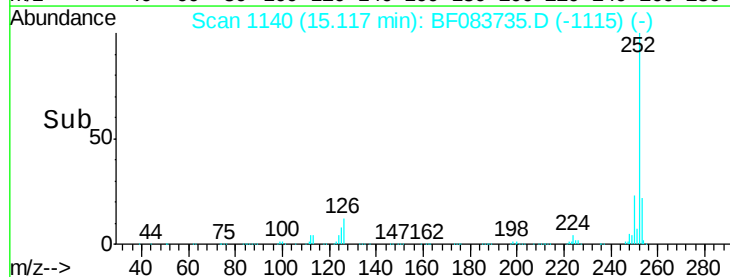
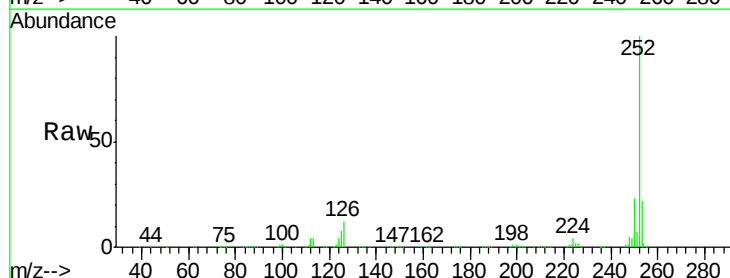
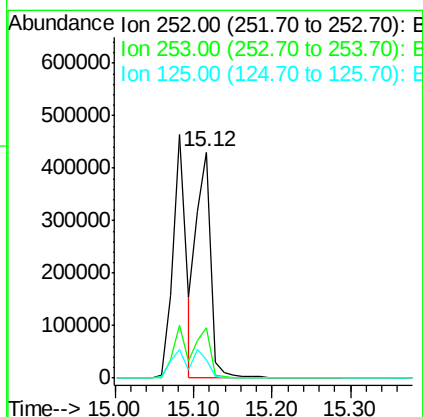
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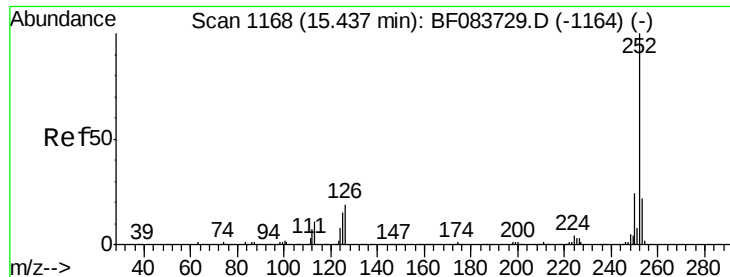
MMdadoda
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#88
Benzo(k)fluoranthene
Concen: 45.30 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.6	27.8
125	8.1	11.5	17.3





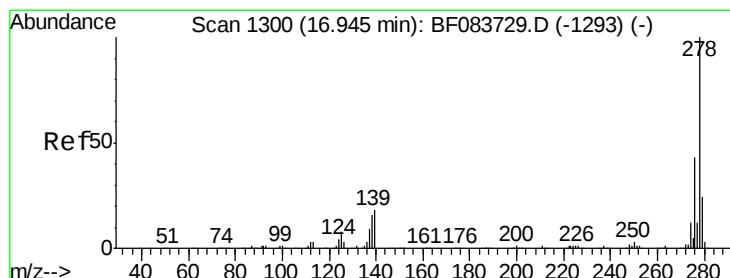
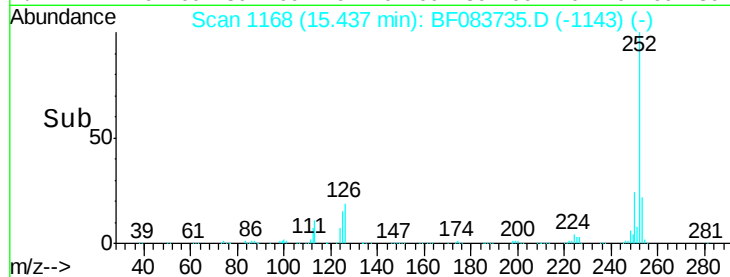
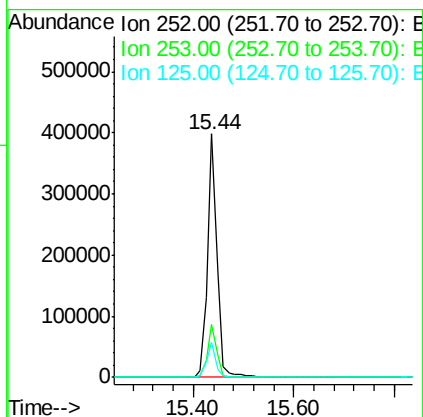
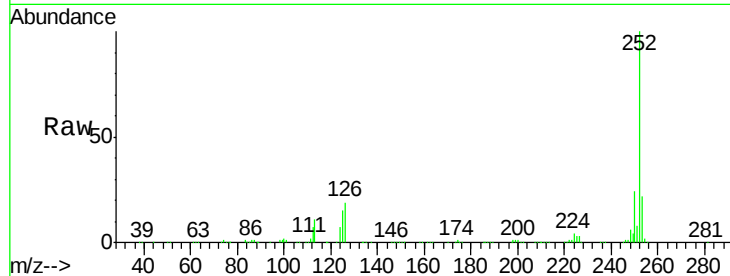
#89
Benzo(a)pyrene
Concen: 43.15 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.5	26.3
125	14.6	11.0	16.6

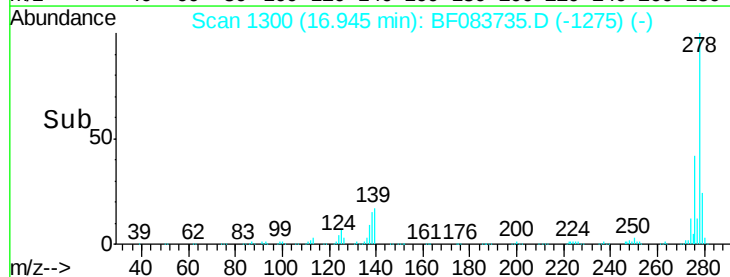
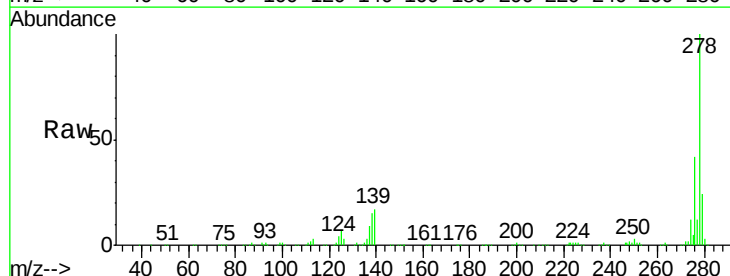
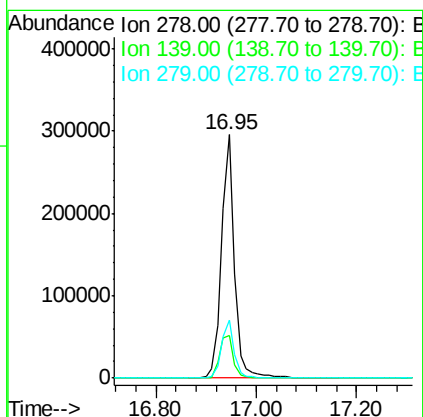
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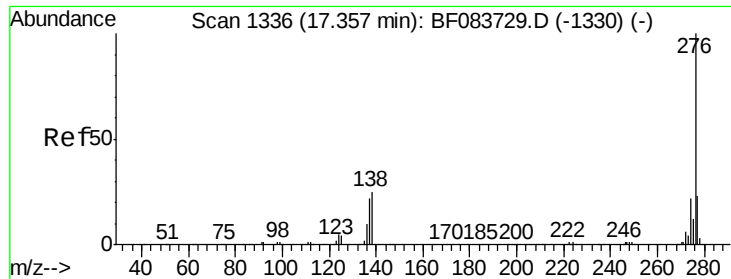
MMdadoda
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#90
Dibenzo(a,h)anthracene
Concen: 44.31 ng
RT: 16.95 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF083735.D
Acq: 13 Dec 2015 18:01

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	12.8	19.2
279	23.9	18.6	28.0





#91
 Benzo(a,h,i)perylene
 Concen: 43.87 ng
 RT: 17.36 min Scan# 1336
 Delta R.T. -0.02 min
 Lab File: BF083735.D
 Acq: 13 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	542922
Ion Ratio		Lower	Upper
276	100		
277	23.2	19.2	28.8
138	25.9	19.5	29.3

Manual Integrations
 APPROVED

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 12/14/2015 6:23:42 PM

