

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
 Data File : BF083765.D
 Acq On : 14 Dec 2015 8:21
 Operator : UM/IZ
 Sample : G4648-12MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Manual Integrations
 APPROVED

MMdadoda
 12/14/2015 6:23:52 PM

Quant Time: Dec 14 10:13:22 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	109468	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	378461	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	168063	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	271048	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	227456	20.00	ng	-0.01
86) Perylene-d12	15.51	264	202025	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	702626	103.55	ng	0.00
7) Phenol-d6	6.56	99	954910	111.13	ng	0.01
23) Nitrobenzene-d5	7.48	82	564800	83.49	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	174511	101.90	ng	-0.01
44) 2-Fluorobiphenyl	9.28	172	950457	81.95	ng	-0.01
78) Terphenyl-d14	13.01	244	707097	66.87	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.60	88	102104	31.12	ng	# 83
3) Pyridine	3.34	79	267076	32.35	ng	# 84
4) n-Nitrosodimethylamine	3.29	42	115613	37.02	ng	# 66
6) Aniline	6.58	93	295412	25.31	ng	# 83
8) 2-Chlorophenol	6.70	128	290641	36.45	ng	88
9) Benzaldehyde	6.46	77	82343	17.84	ng	83
10) Phenol	6.57	94	355376	35.93	ng	# 74
11) bis(2-Chloroethyl)ether	6.66	93	278721	38.91	ng	# 84
12) 1,3-Dichlorobenzene	6.86	146	315500	37.28	ng	96
13) 1,4-Dichlorobenzene	6.93	146	303285	35.47	ng	97
14) 1,2-Dichlorobenzene	7.09	146	298387	38.83	ng	100
15) Benzyl Alcohol	7.06	79	254682	40.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	331167	35.61	ng	72
17) 2-Methylphenol	7.17	107	238225	37.16	ng	# 85
18) Hexachloroethane	7.44	117	96418	31.75	ng	# 82
19) n-Nitroso-di-n-propylamine	7.33	70	184428	35.05	ng	89
20) 3+4-Methylphenols	7.32	107	269016	35.55	ng	# 74
22) Acetophenone	7.33	105	367783	39.61	ng	# 89
24) Nitrobenzene	7.50	77	280725	39.87	ng	# 70
25) Isophorone	7.74	82	523611	39.45	ng	# 91
26) 2-Nitrophenol	7.81	139	130126	38.47	ng	91
27) 2,4-Dimethylphenol	7.86	122	265688	39.98	ng	95
28) bis(2-Chloroethoxy)methane	7.95	93	311177	41.09	ng	97
29) 2,4-Dichlorophenol	8.05	162	212183	38.89	ng	93
30) 1,2,4-Trichlorobenzene	8.14	180	220888	39.04	ng	97
31) Naphthalene	8.22	128	754519	38.25	ng	99
33) 4-Chloroaniline	8.27	127	197238	24.48	ng	# 86
34) Hexachlorobutadiene	8.35	225	125442	40.40	ng	98
35) Caprolactam	8.61	113	66443	37.92	ng	# 76
36) 4-Chloro-3-methylphenol	8.75	107	241951	37.91	ng	93
37) 2-Methylnaphthalene	8.92	142	523133	42.24	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	192022	38.73	ng	# 100
40) Hexachlorocyclopentadiene	9.08	237	62361	24.82	ng	97
42) 2,4,6-Trichlorophenol	9.20	196	138964	38.29	ng	96

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 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.23	196	138729	40.30	nq	94
45) 1,1'-Biphenyl	9.38	154	570314	38.29	nq	98
46) 2-Chloronaphthalene	9.40	162	418432	38.06	nq	# 91
47) 2-Nitroaniline	9.49	65	135794	43.55	nq	# 72
48) Acenaphthylene	9.81	152	687996	37.19	nq	100
49) Dimethylphthalate	9.68	163	646437	49.34	nq	100
50) 2,6-Dinitrotoluene	9.73	165	101355	36.45	nq	93
51) Acenaphthene	10.00	154	416987	37.29	nq	97
52) 3-Nitroaniline	9.90	138	96645	30.14	nq	# 57
53) 2,4-Dinitrophenol	10.01	184	12579	15.63	nq	# 62
54) Dibenzofuran	10.16	168	598350	40.38	nq	# 90
55) 4-Nitrophenol	10.05	139	150717	63.49	nq	90
56) 2,4-Dinitrotoluene	10.13	165	127814	35.18	nq	# 86
57) Fluorene	10.50	166	405865	34.78	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	102404	39.66	nq	# 100
59) Diethylphthalate	10.37	149	497244	37.48	nq	98
60) 4-Chlorophenyl-phenylether	10.50	204	210987	39.66	nq	97
61) 4-Nitroaniline	10.51	138	106869	37.82	nq	97
62) Azobenzene	10.66	77	502853	41.59	nq	87
64) 4,6-Dinitro-2-methylphenol	10.54	198	27133	17.59	nq	# 53
65) n-Nitrosodiphenylamine	10.61	169	418821	45.18	nq	98
66) 4-Bromophenyl-phenylether	10.99	248	121378	40.05	nq	# 86
67) Hexachlorobenzene	11.06	284	129359	39.45	nq	# 77
68) Atrazine	11.14	200	128124	48.58	nq	98
69) Pentachlorophenol	11.24	266	118466	64.05	nq	99
70) Phenanthrene	11.46	178	578306	40.16	nq	99
71) Anthracene	11.52	178	612372	40.95	nq	99
72) Carbazole	11.66	167	604490	43.38	nq	98
73) Di-n-butylphthalate	12.00	149	694142	41.02	nq	99
74) Fluoranthene	12.65	202	635674	42.73	nq	99
76) Benzidine	12.76	184	339436	48.97	nq	97
77) Pyrene	12.88	202	644370	35.84	nq	99
79) Butylbenzylphthalate	13.49	149	307022	39.79	nq	90
80) Benzo(a)anthracene	14.05	228	528999	40.90	nq	99
81) 3,3'-Dichlorobenzidine	14.02	252	205596	44.06	nq	# 96
82) Chrysene	14.09	228	496336	39.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.05	149	385542	43.90	nq	# 97
84) Di-n-octyl phthalate	14.66	149	723364	51.84	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.93	276	444946	35.91	nq	# 100
87) Benzo(b)fluoranthene	15.09	252	558482	43.33	nq	98
88) Benzo(k)fluoranthene	15.12	252	449040m	38.45	nq	
89) Benzo(a)pyrene	15.45	252	473571	41.18	nq	97
90) Dibenzo(a,h)anthracene	16.96	278	376313	32.91	nq	99
91) Benzo(g,h,i)perylene	17.37	276	350073	29.78	nq	98

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

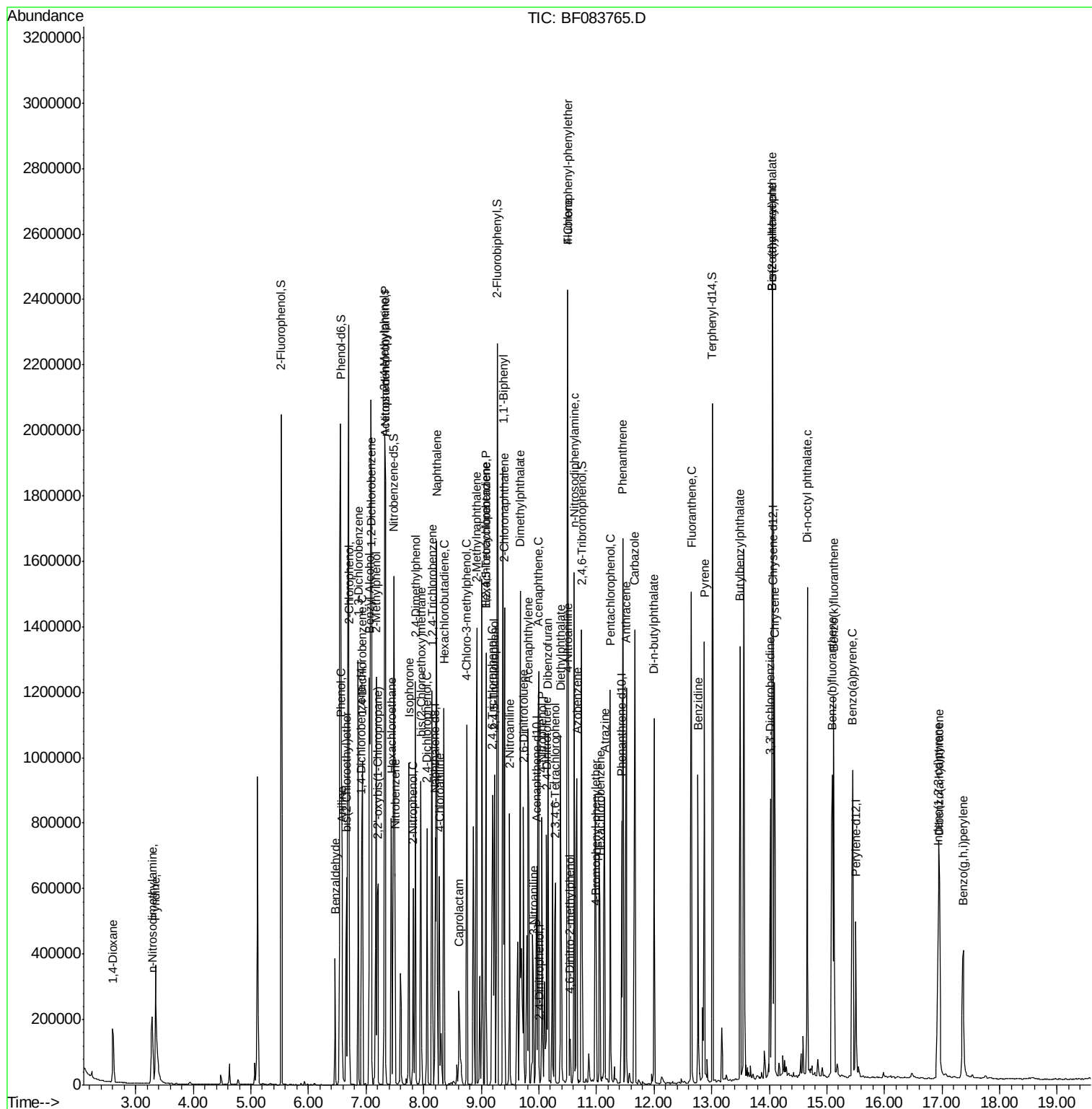
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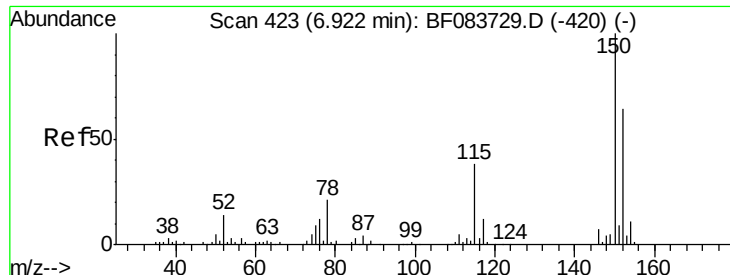
Instrument :
 BNA_F
 Client Sampled :
 SB-04(0-0.16)MSD

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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: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

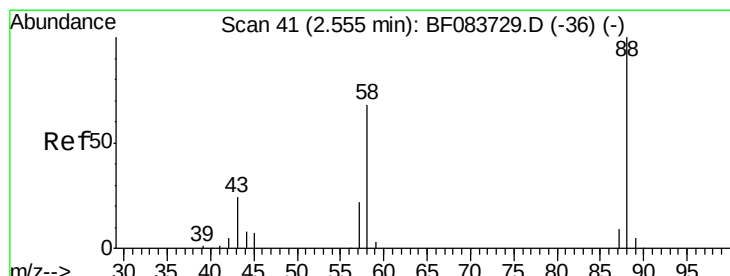
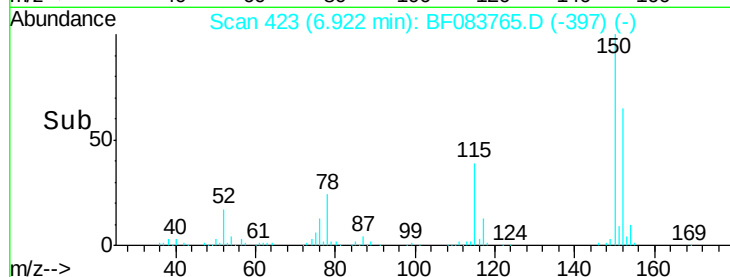
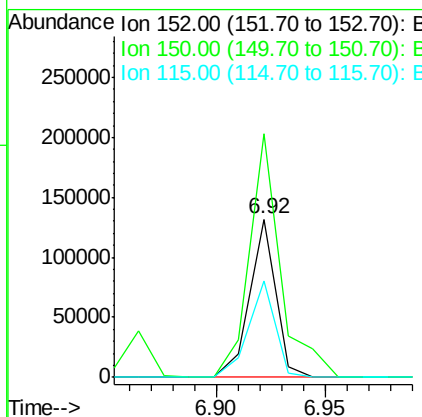
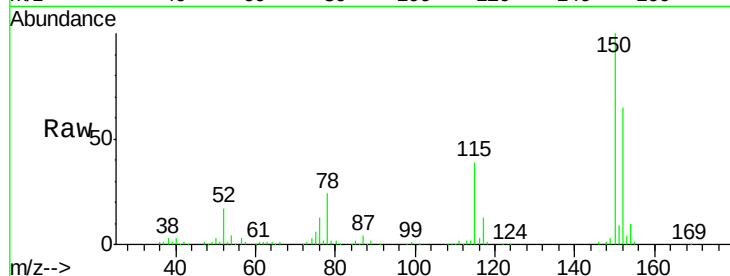
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	152	Resp:	109468
Ion Ratio	Lower	Upper	
152	100		
150	153.9	126.5	189.7
115	60.7	52.3	78.5

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#2

1,4-Dioxane

Concen: 31.12 ng

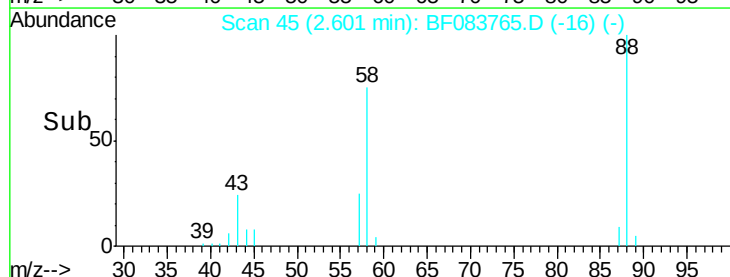
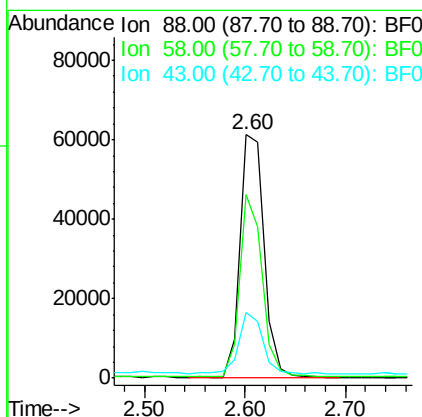
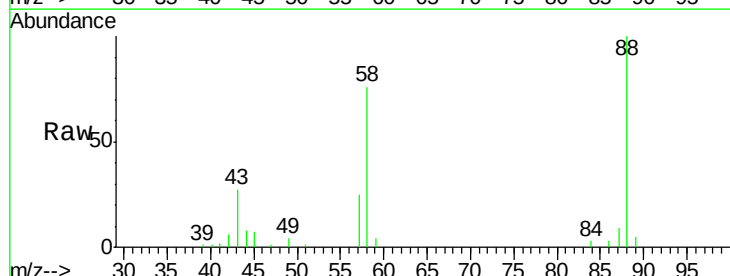
RT: 2.60 min Scan# 45

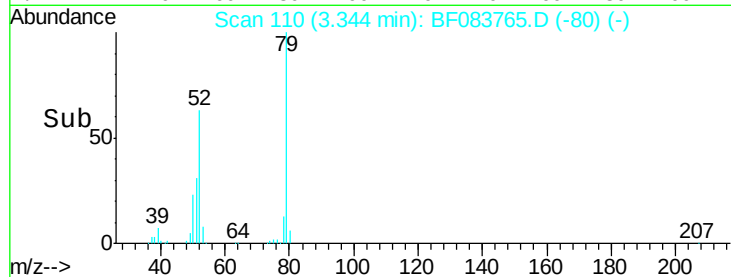
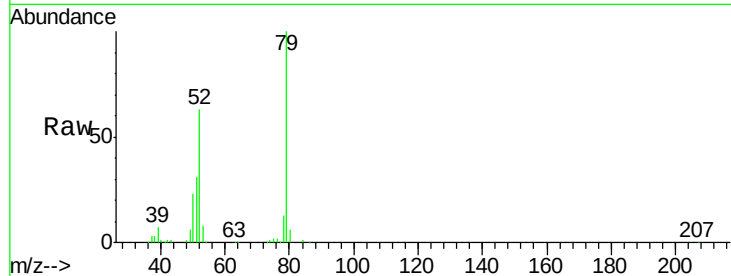
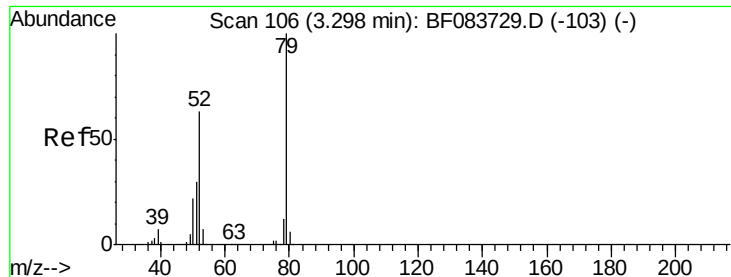
Delta R.T. 0.03 min

Lab File: BF083765.D

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Tgt Ion:	88	Resp:	102104
Ion Ratio	Lower	Upper	
88	100		
58	68.7	68.0	102.0
43	25.5	27.9	41.9#





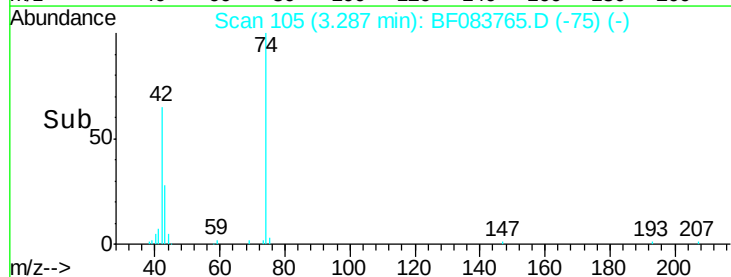
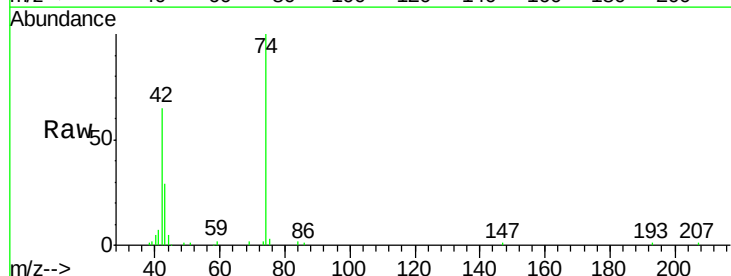
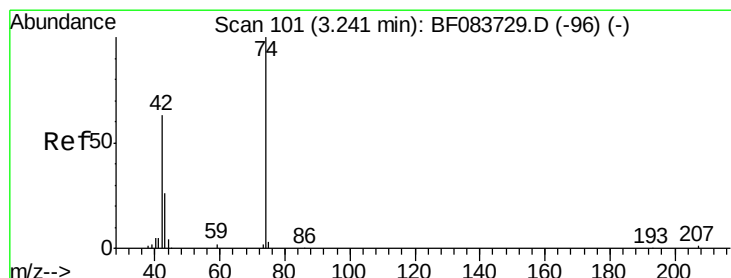
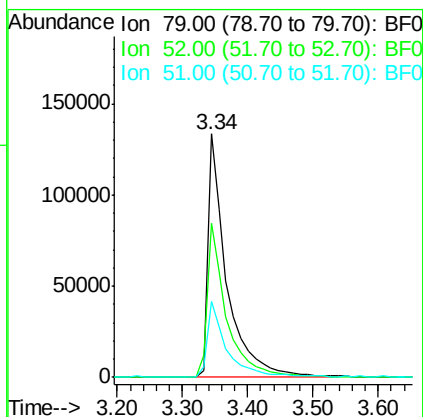
#3
Pvridine
Concen: 32.35 ng
RT: 3.34 min Scan# 110
Delta R.T. 0.05 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tot Ion	Ratio	Lower	Upper
79	100		
52	63.4	63.7	95.5#
51	31.3	30.6	45.8

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ClientSampleId :
SB-04(0-0.16)MSD

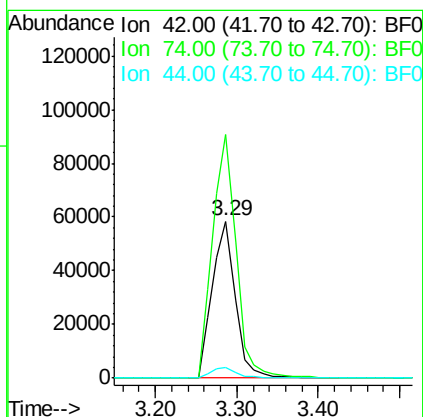
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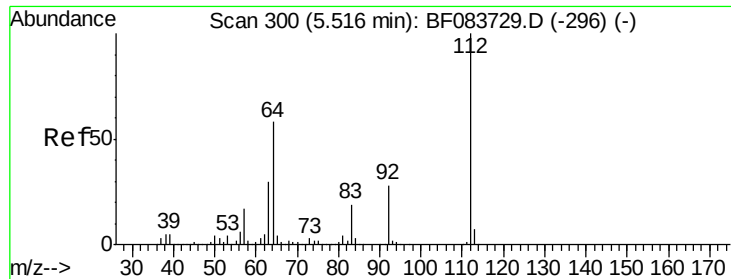
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#4
n-Nitrosodimethylamine
Concen: 37.02 ng
RT: 3.29 min Scan# 105
Delta R.T. 0.05 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.0	92.9	139.3#
44	7.1	5.7	8.5





#5

2-Fluorophenol

Concen: 103.55 ng

RT: 5.53 min Scan# 301

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

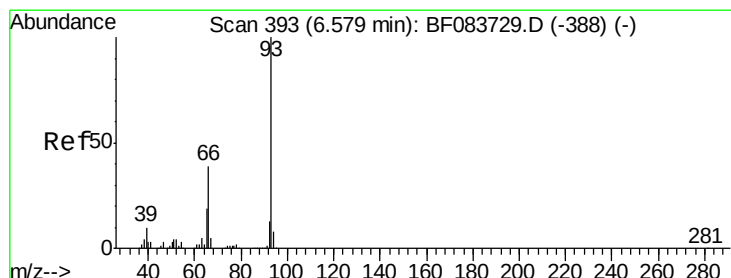
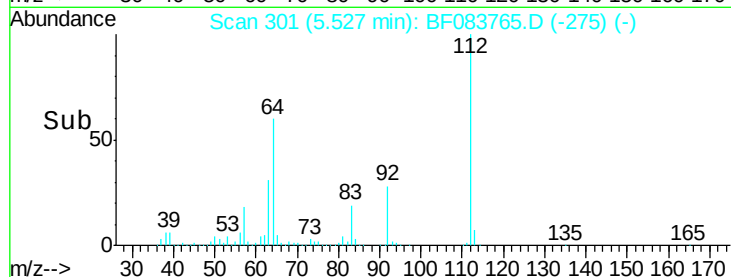
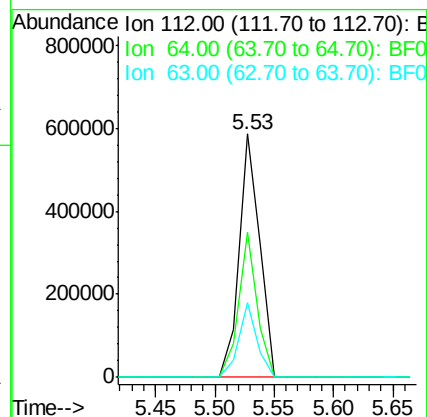
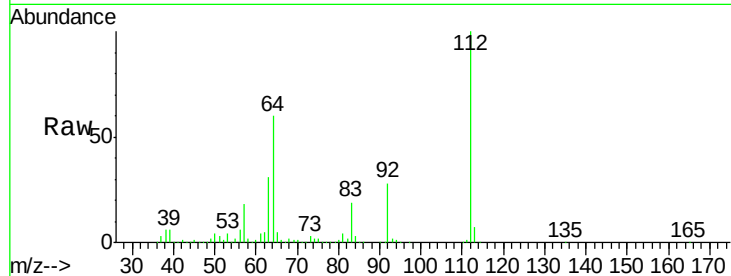
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		702626		
64	59.8		50.5	75.7	
63	30.8		25.8	38.6	

Manual Integrations
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#6

Aniline

Concen: 25.31 ng

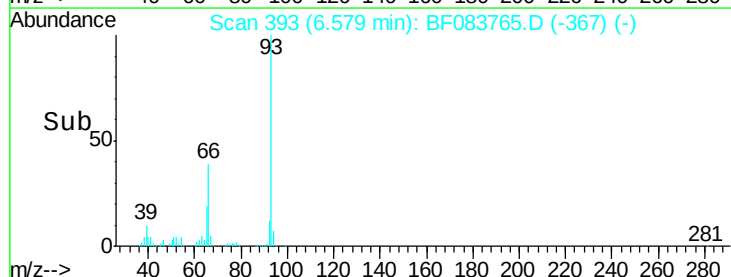
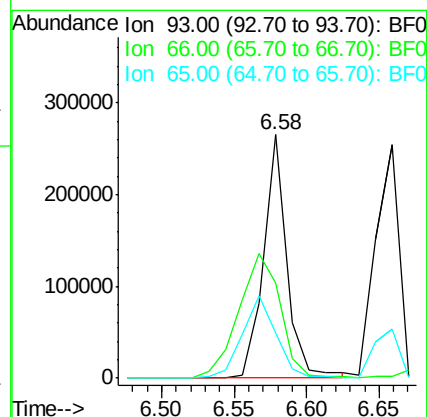
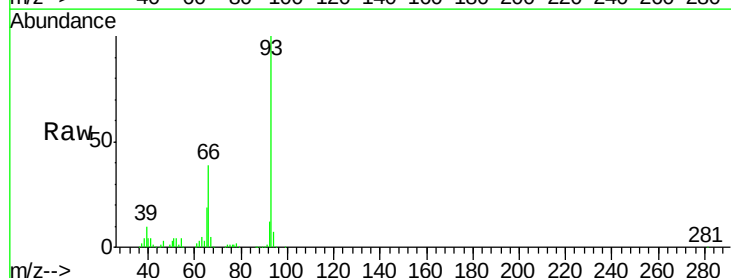
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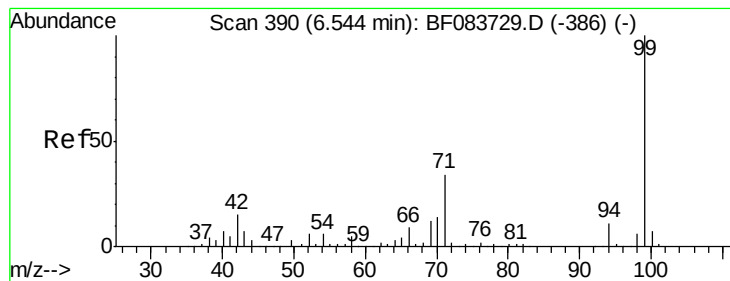
Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		295412		
66	38.9		41.3	61.9#	
65	18.6		20.8	31.2#	





#7

Phenol-d6

Concen: 111.13 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

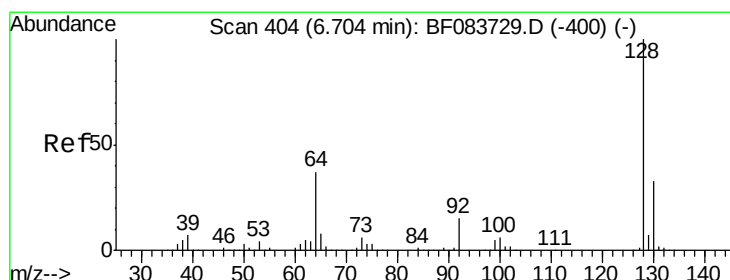
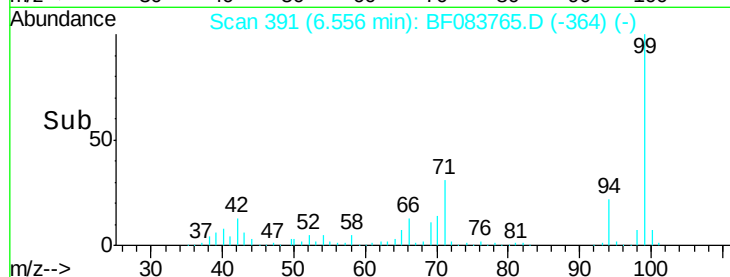
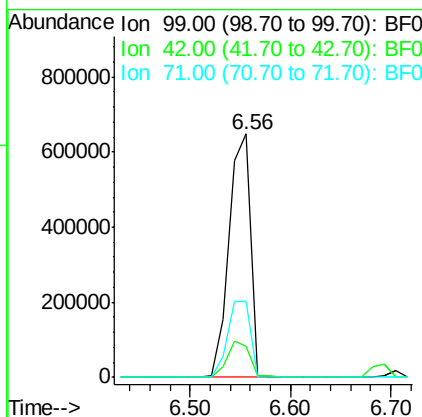
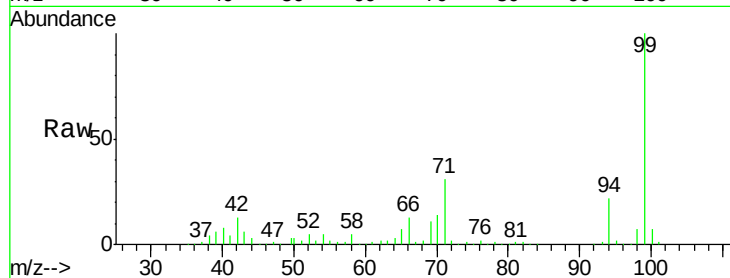
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	99	Resp:	954910
Ion Ratio	Lower	Upper	
99	100		
42	12.7	17.3	25.9#
71	31.2	26.6	40.0

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#8

2-Chlorophenol

Concen: 36.45 ng

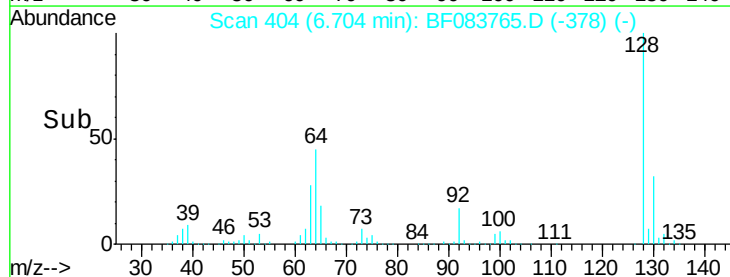
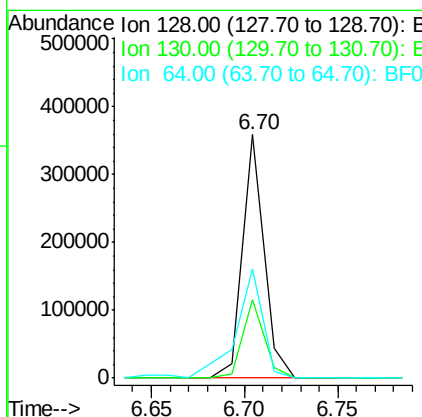
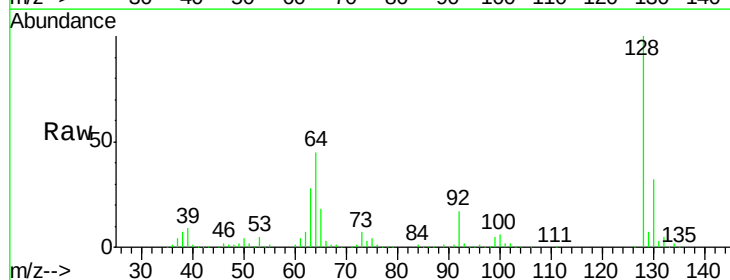
RT: 6.70 min Scan# 404

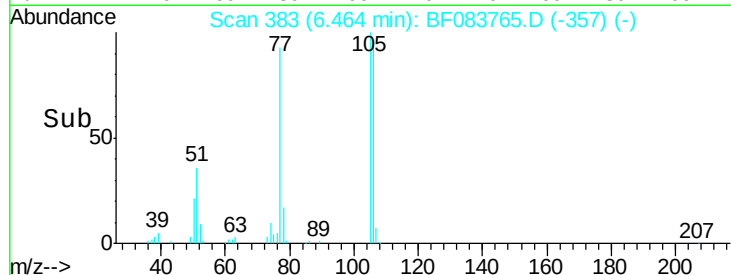
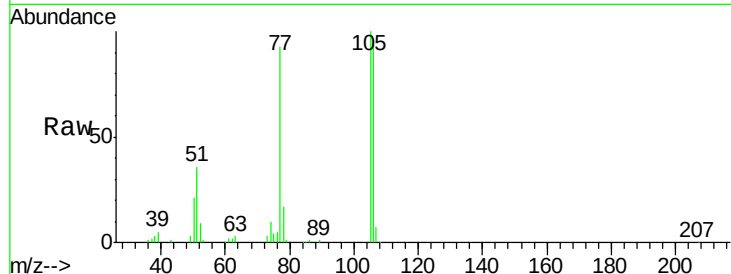
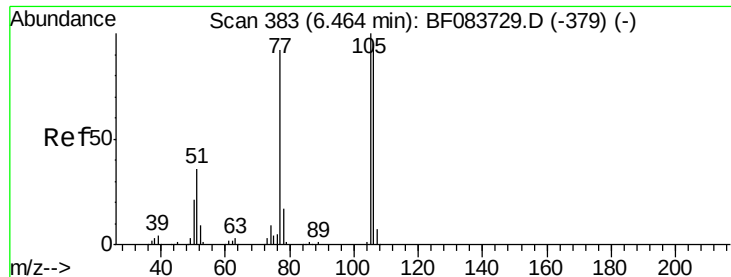
Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	128	Resp:	290641
Ion Ratio	Lower	Upper	
128	100		
130	32.4	12.6	52.6
64	44.6	38.6	78.6





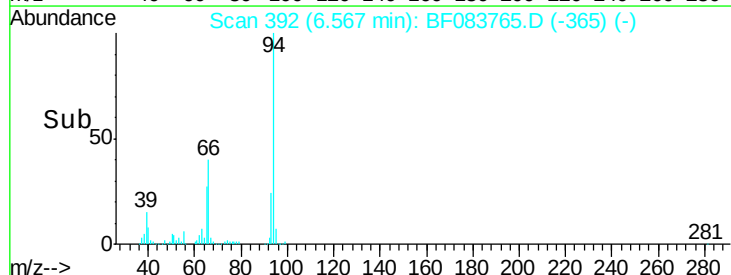
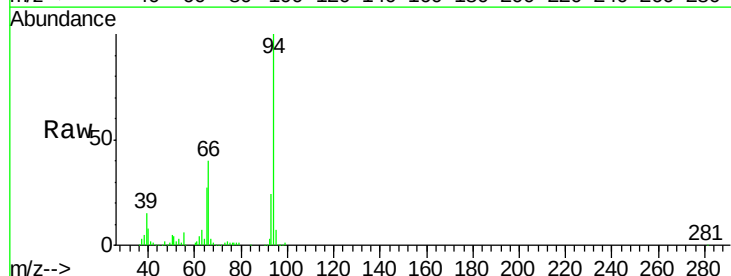
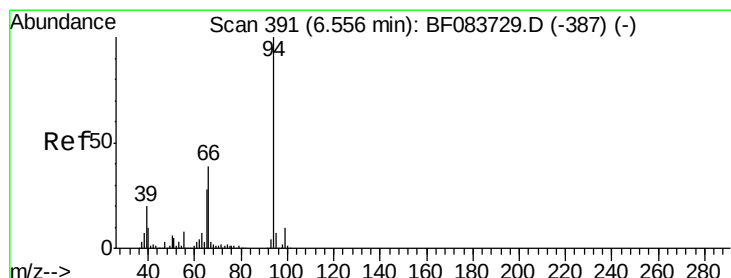
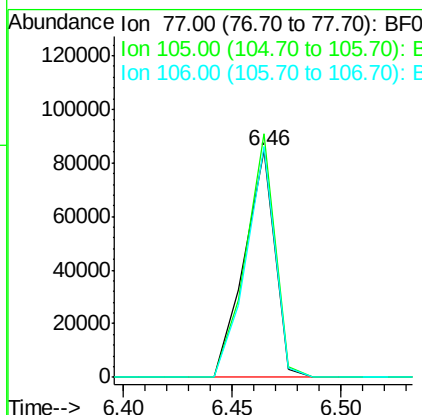
#9
Benzaldehyde
Concen: 17.84 ng
RT: 6.46 min Scan# 383
Delta R.T. 0.00 min
Lab File: BF083765.D
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	107.5	71.8	111.8		
106	102.0	66.8	106.8		

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

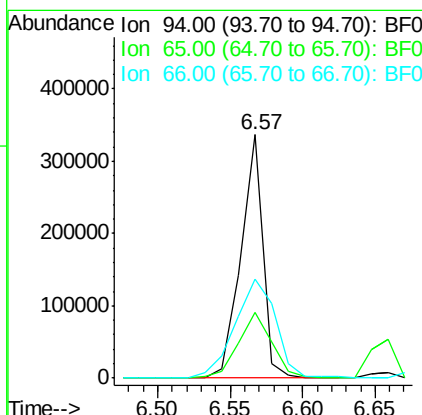
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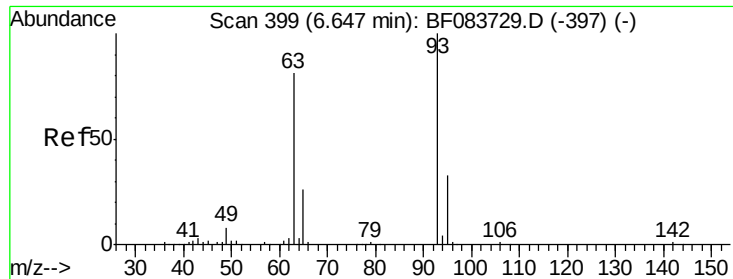
MMdadoda
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#10
Phenol
Concen: 35.93 ng
RT: 6.57 min Scan# 392
Delta R.T. 0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.8	20.9	60.9		
66	40.4	41.6	81.6#		





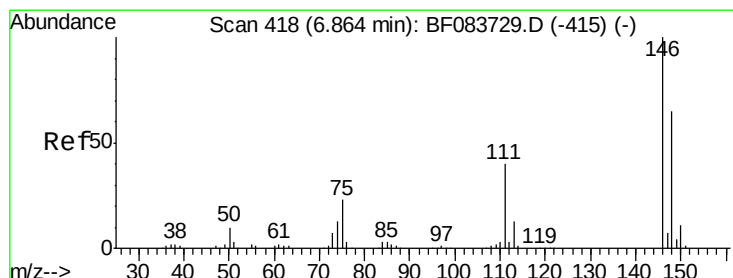
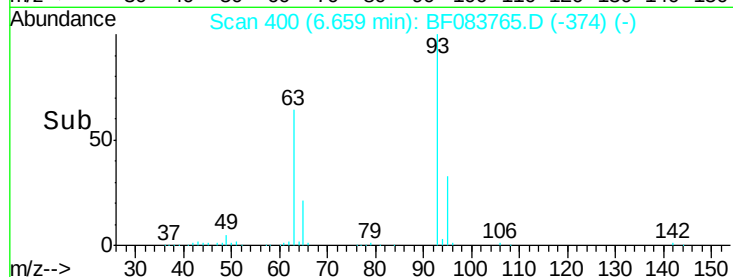
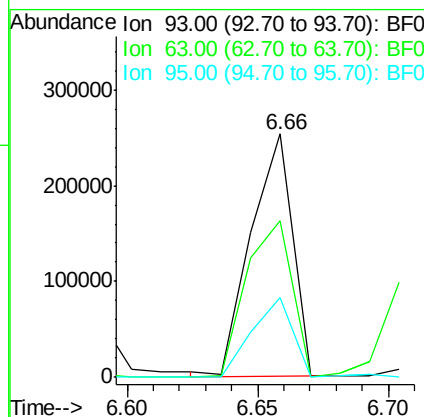
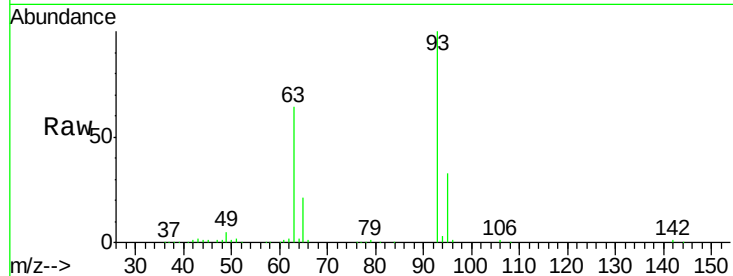
#11
bis(2-Chloroethyl)ether
Concen: 38.91 ng
RT: 6.66 min Scan# 400
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	64.2	64.7	104.7#
95	32.6	12.7	52.7

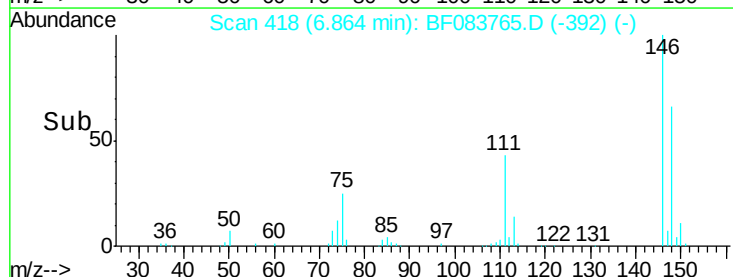
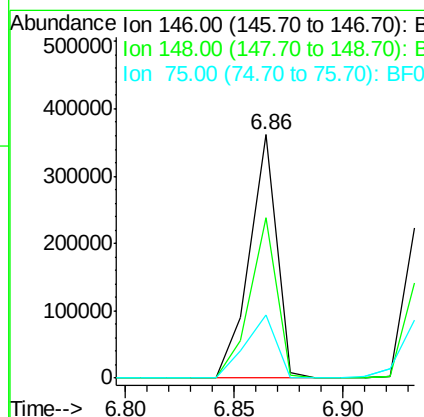
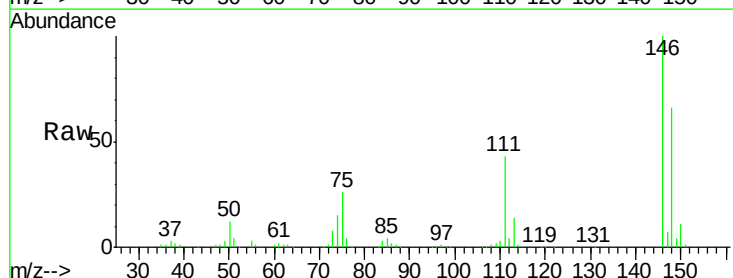
Manual Integrations
APPROVED

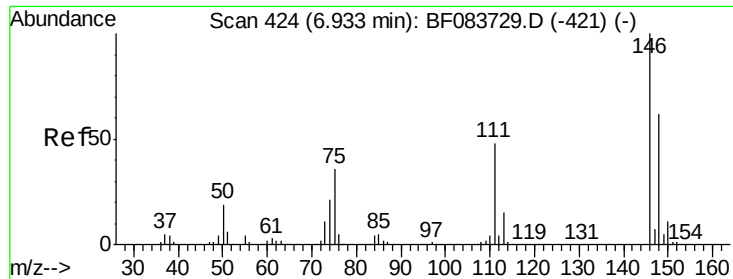
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#12
1,3-Dichlorobenzene
Concen: 37.28 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	51.3	76.9
75	25.8	24.1	36.1





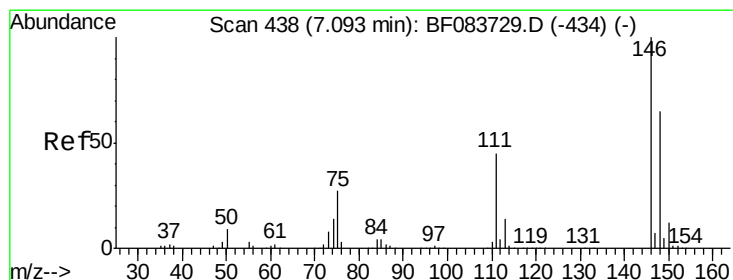
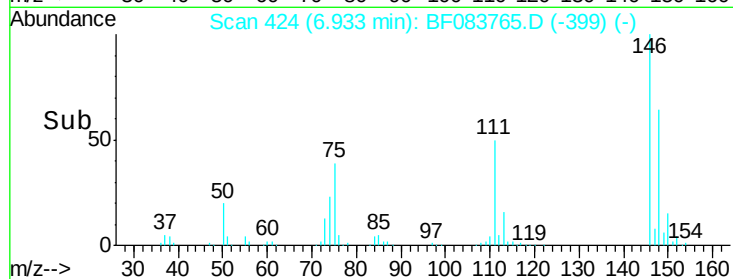
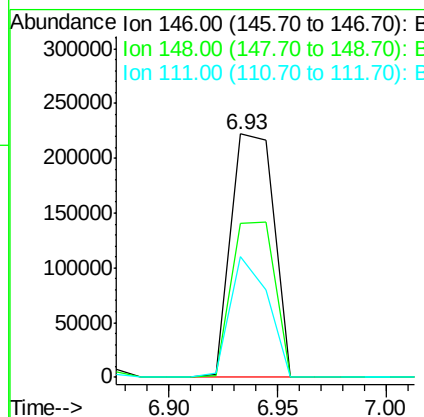
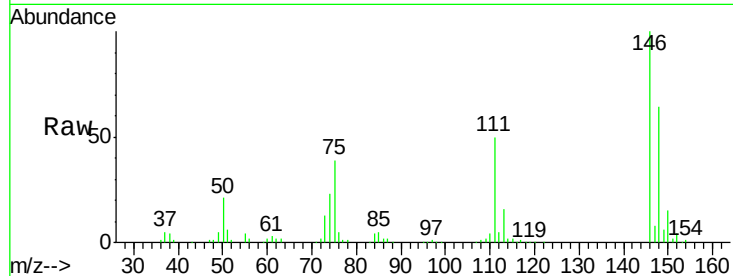
#13
 1,4-Dichlorobenzene
 Concen: 35.47 ng
 RT: 6.93 min Scan# 424
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	76.0
111	49.7	36.1	54.1

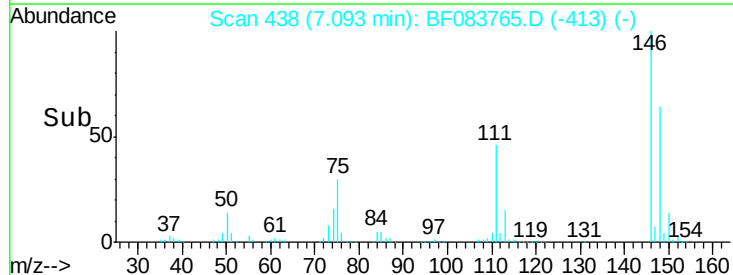
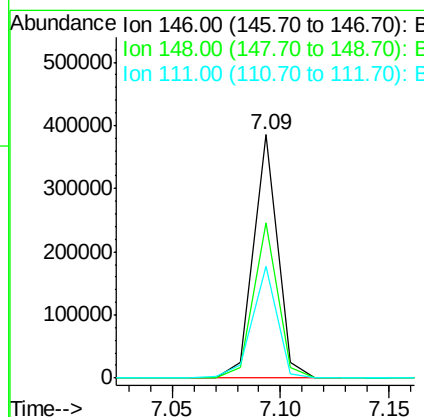
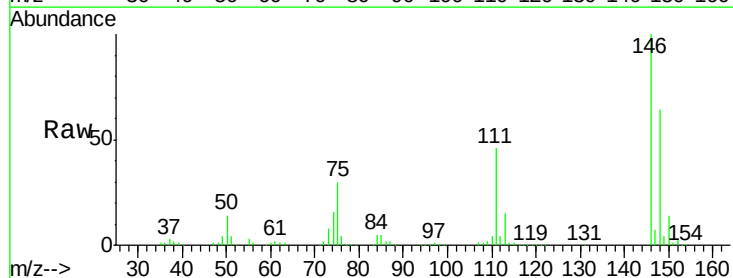
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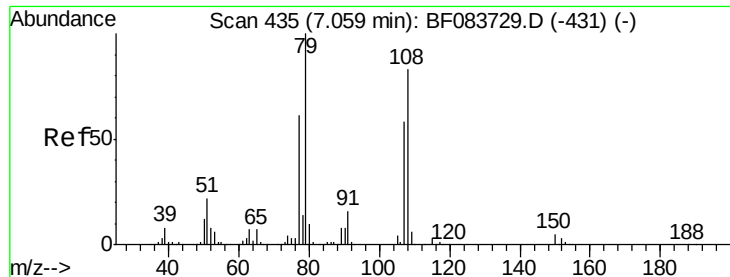
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#14
 1,2-Dichlorobenzene
 Concen: 38.83 ng
 RT: 7.09 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.4	77.0
111	46.0	36.7	55.1





#15

Benzyl Alcohol

Concen: 40.34 ng

RT: 7.06 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

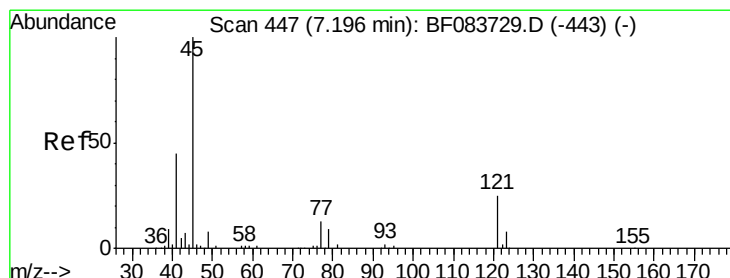
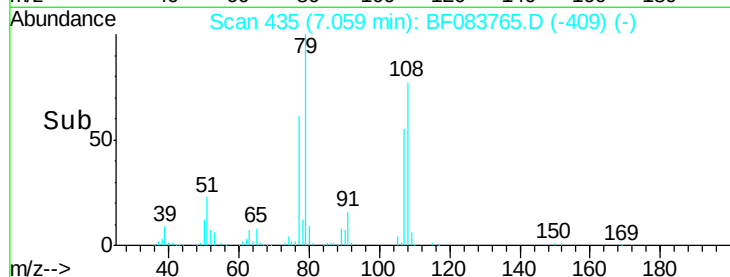
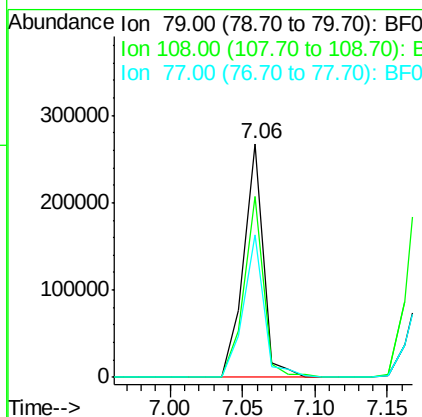
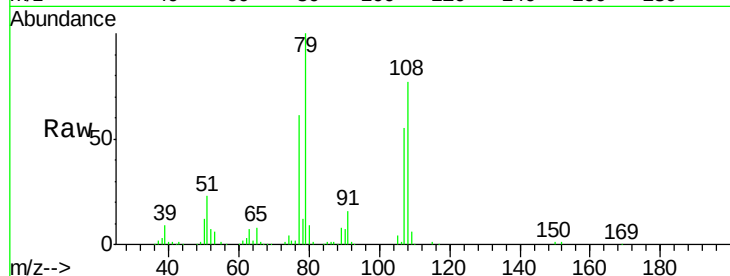
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	79	Resp:	254682
Ion Ratio	Lower	Upper	
79	100		
108	77.1	59.6	89.4
77	61.1	49.8	74.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.61 ng

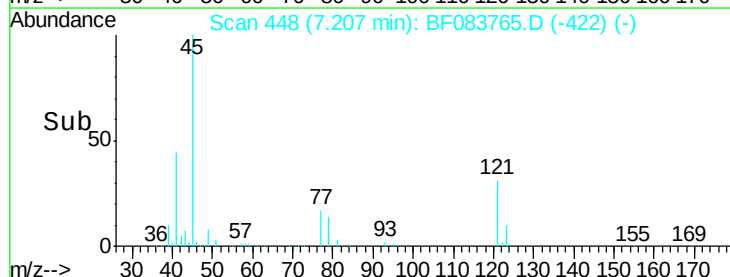
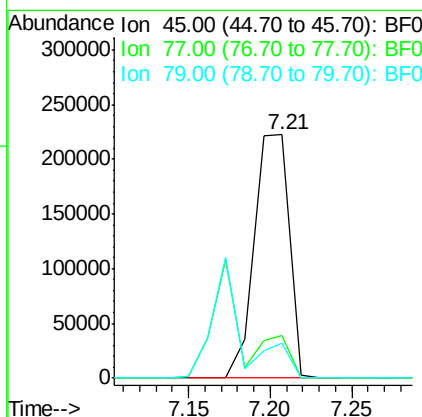
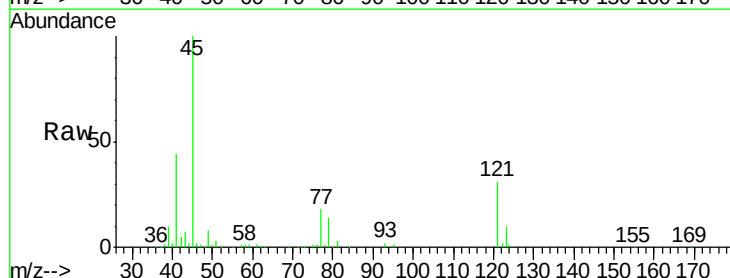
RT: 7.21 min Scan# 448

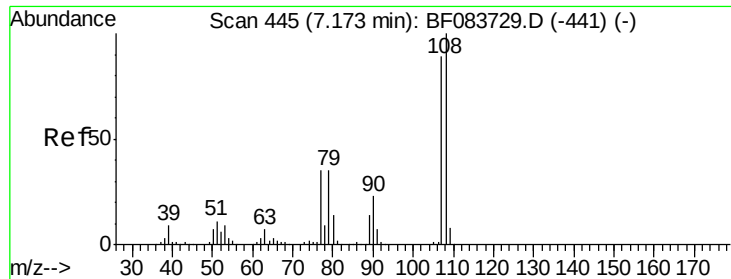
Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	45	Resp:	331167
Ion Ratio	Lower	Upper	
45	100		
77	17.7	12.8	52.8
79	14.1	10.7	50.7





#17

2-Methylphenol

Concen: 37.16 ng

RT: 7.17 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083765.D

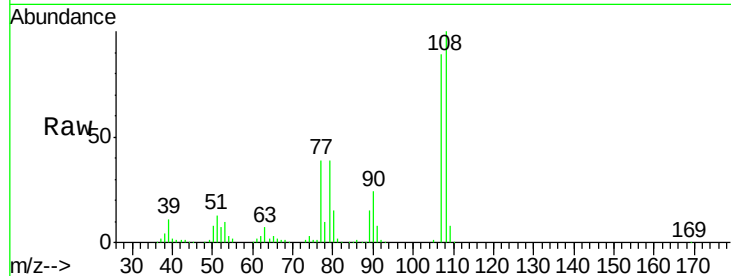
Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

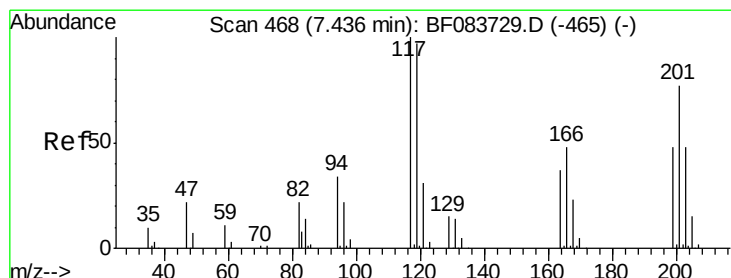
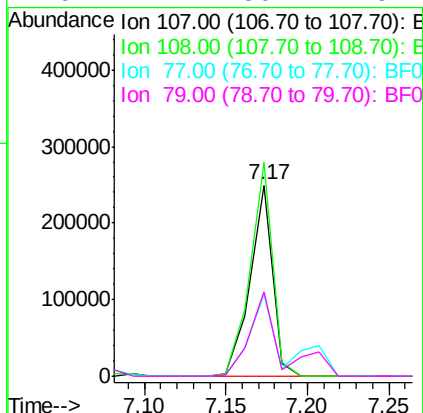
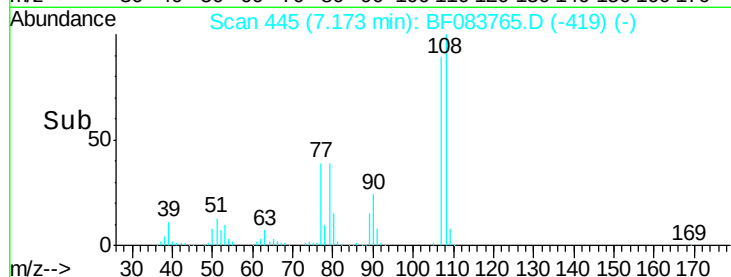
SB-04(0-0.16)MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100			
108	112.0	91.6	238225	137.4	
77	43.2	53.7	80.5#		
79	44.2	50.2	75.4#		

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#18

Hexachloroethane

Concen: 31.75 ng

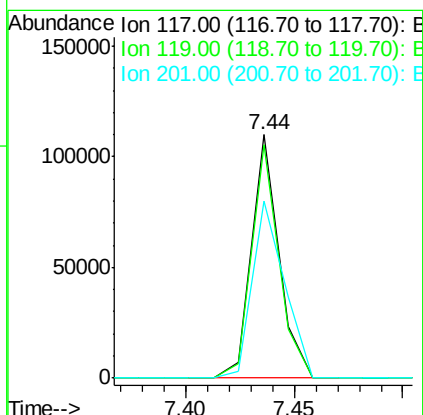
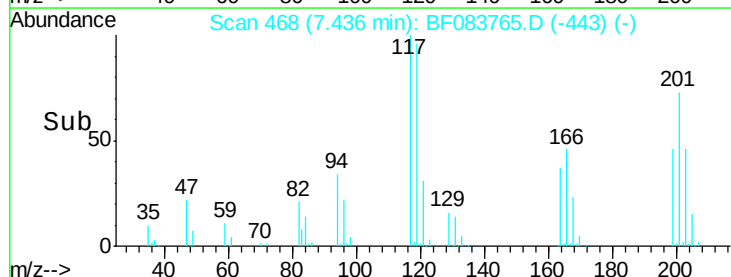
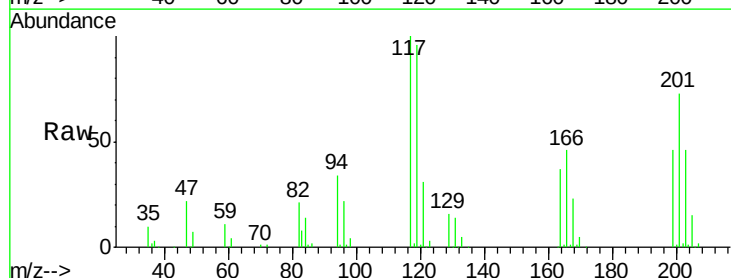
RT: 7.44 min Scan# 468

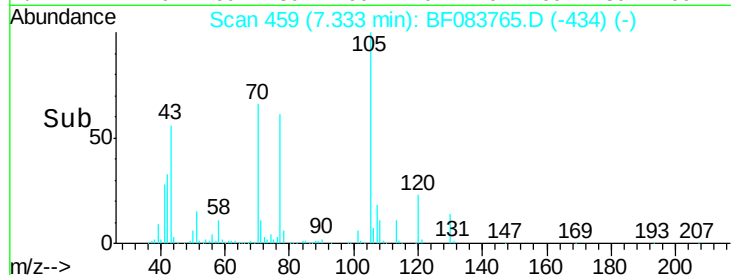
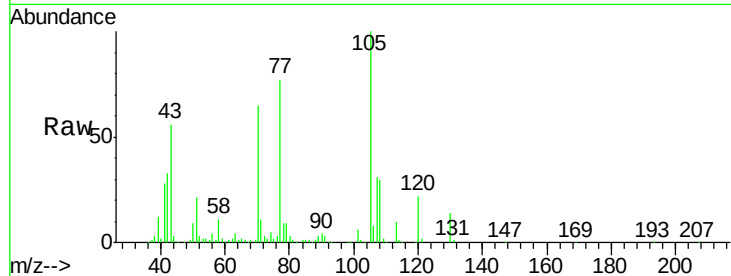
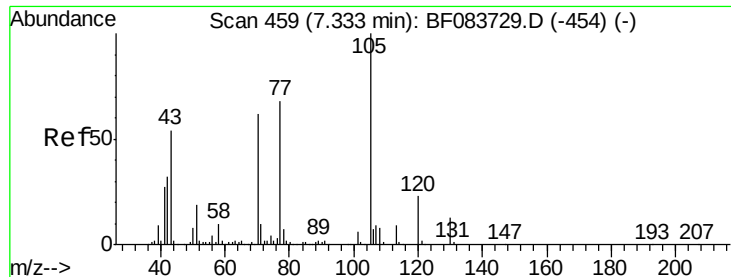
Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	96418		
119	95.7	77.2	115.8		
201	72.9	86.8	130.2#		





#19

n-Nitroso-di-n-propylamine

Concen: 35.05 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion: 70 Resp: 184428

Ion Ratio Lower Upper

70 100

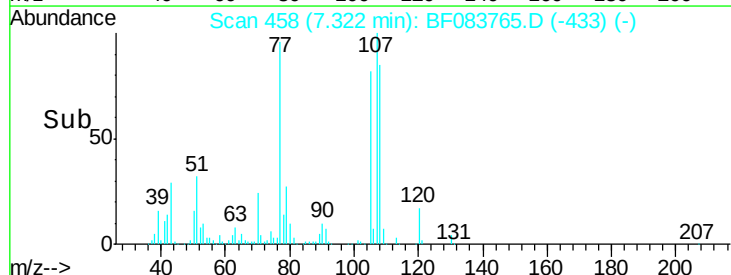
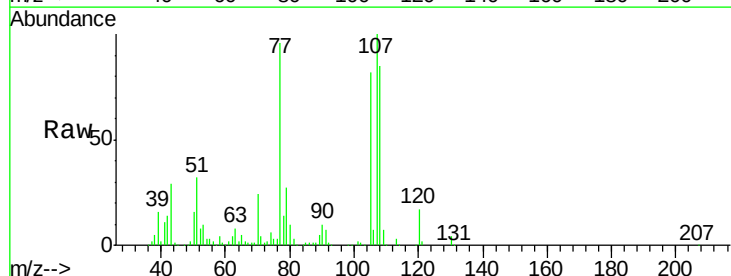
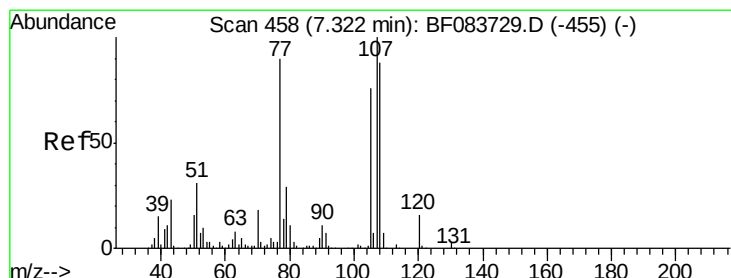
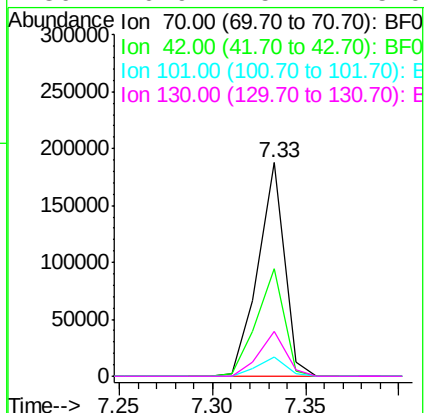
42 50.2 49.2 73.8

101 9.2 7.1 10.7

130 20.9 15.4 23.0

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#20

3+4-Methylphenols

Concen: 35.55 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion: 107 Resp: 269016

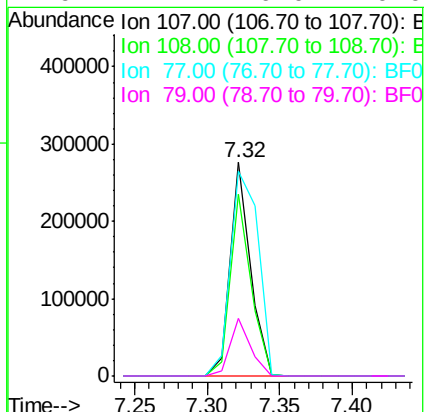
Ion Ratio Lower Upper

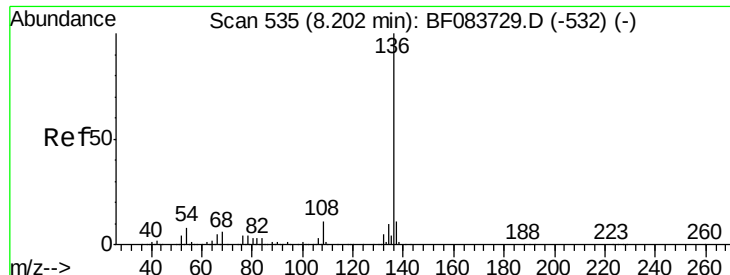
107 100

108 85.1 65.2 105.2

77 96.0 15.2 55.2#

79 27.2 6.0 46.0





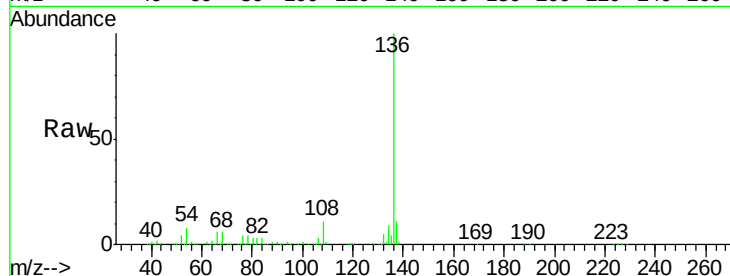
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.20 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

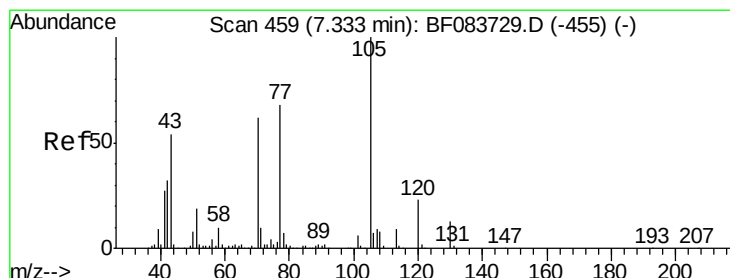
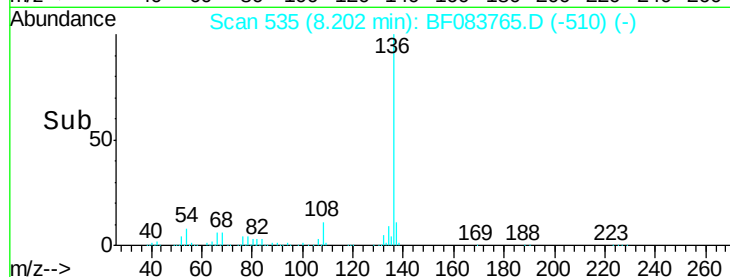
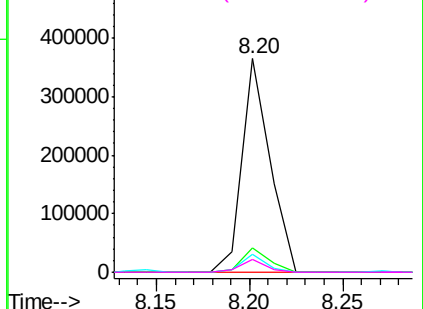
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		378461		
137	11.2	8.7	13.1		
54	8.2	7.8	11.6		
68	6.3	5.7	8.5		

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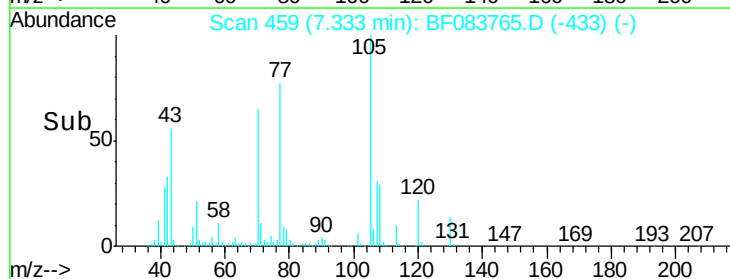
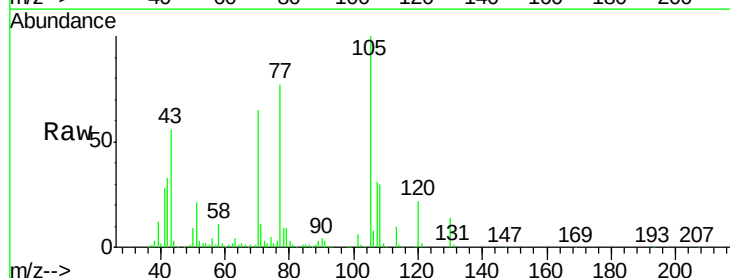
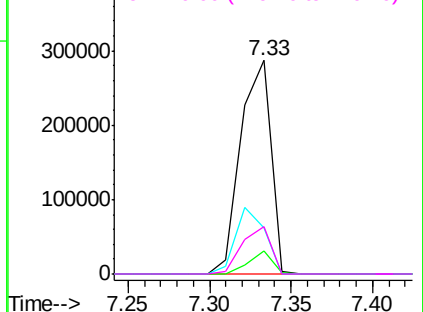
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

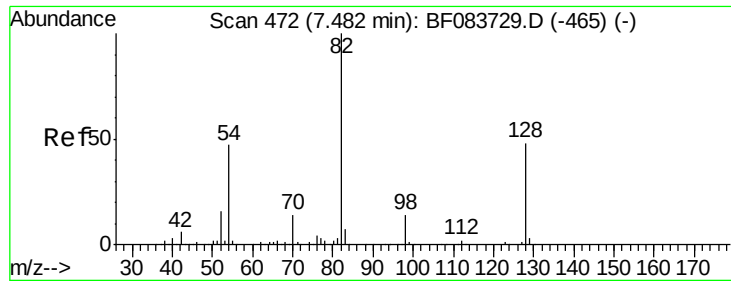


#22
Acetophenone
Concen: 39.61 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		367783		
71	10.7	1.3	1.9#		
51	21.4	23.8	35.8#		
120	22.4	16.7	25.1		

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





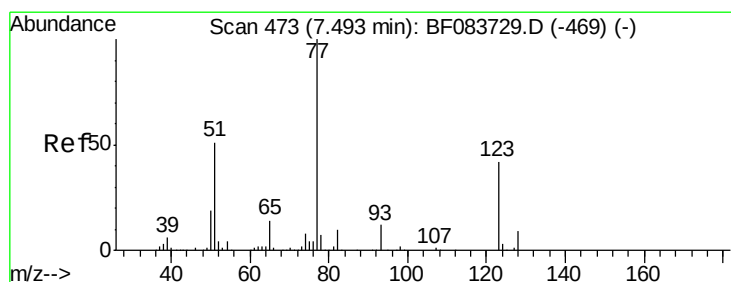
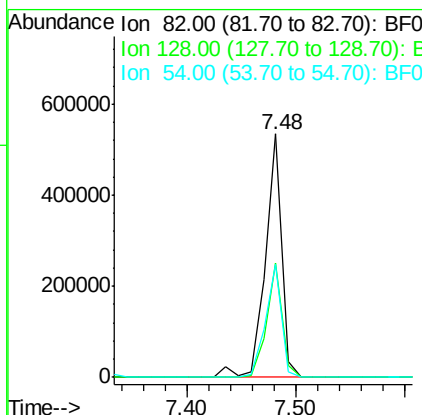
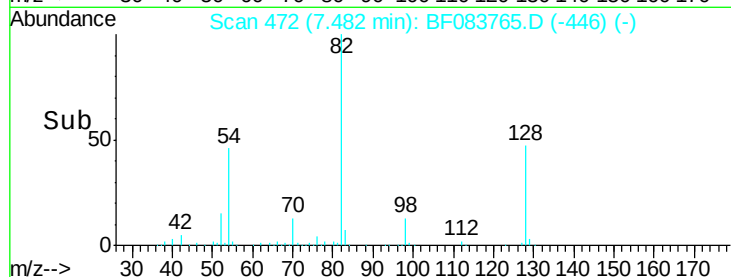
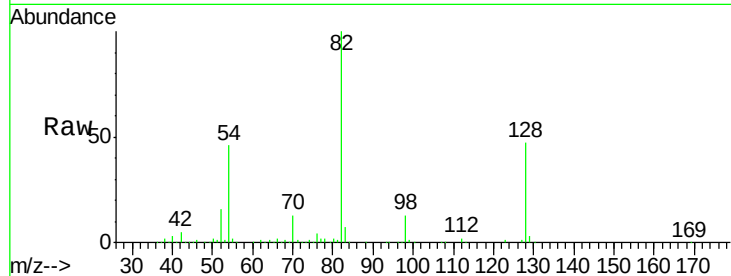
#23
Nitrobenzene-d5
Concen: 83.49 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	47.0	30.7	46.1#	
54	46.3	42.5	63.7	

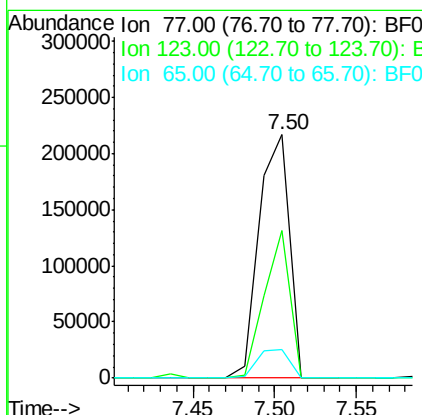
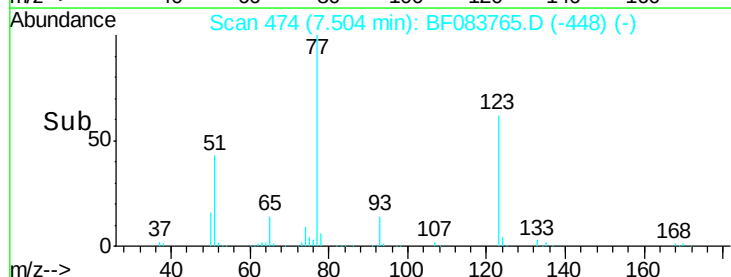
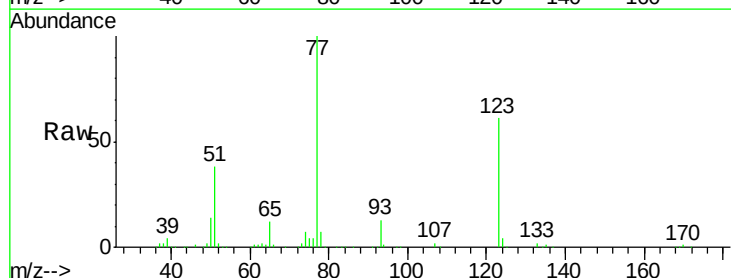
Manual Integrations
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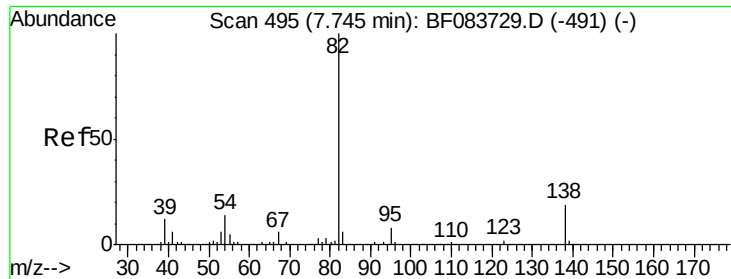
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#24
Nitrobenzene
Concen: 39.87 ng
RT: 7.50 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	60.9	29.8	44.6#	
65	11.6	11.1	16.7	





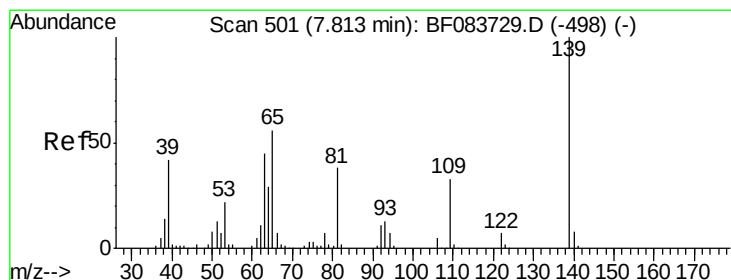
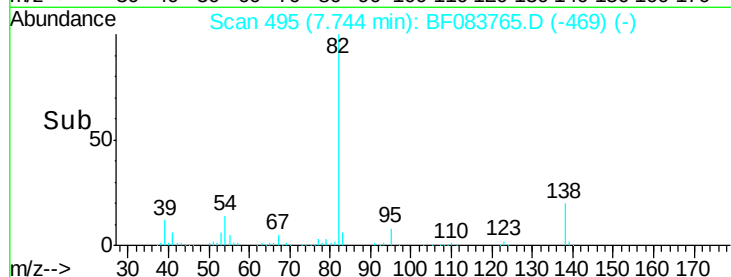
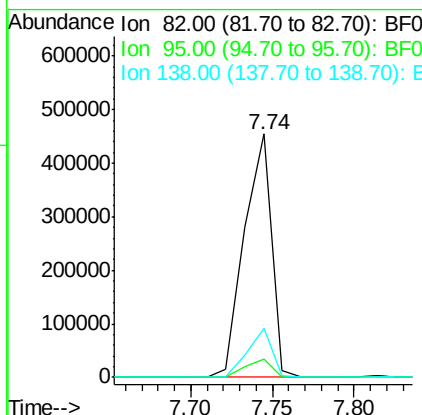
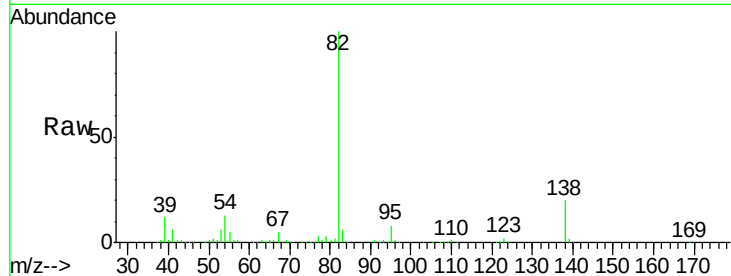
#25
Isophorone
Concen: 39.45 ng
RT: 7.74 min Scan# 495
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.5	5.0	7.4#	
138	20.0	12.1	18.1#	

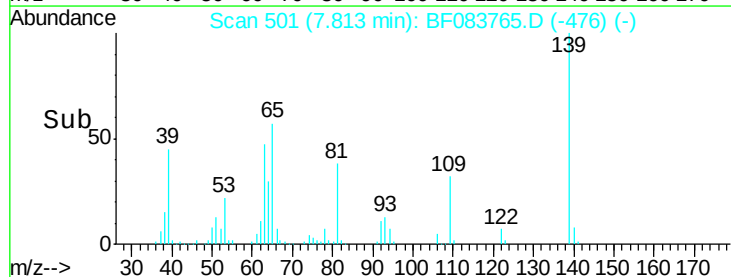
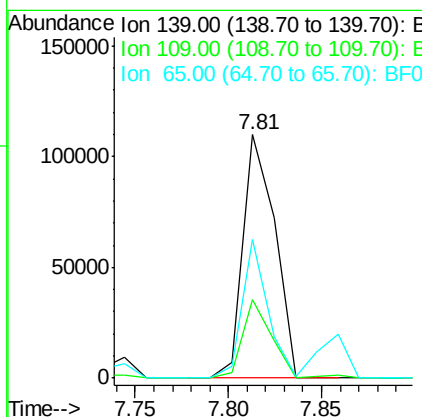
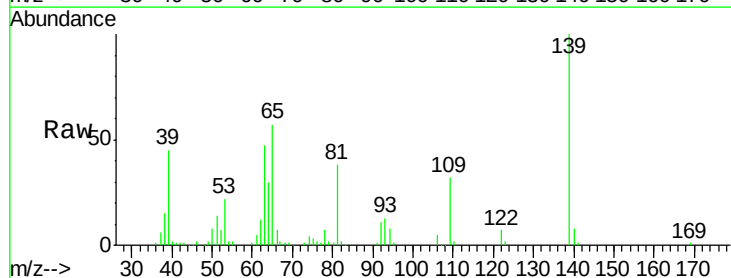
Manual Integrations
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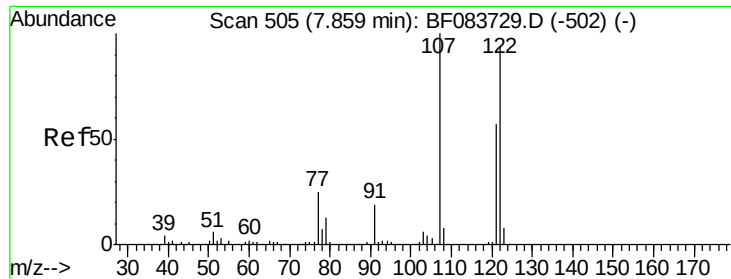
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#26
2-Nitrophenol
Concen: 38.47 ng
RT: 7.81 min Scan# 501
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.2	22.7	34.1	
65	57.2	51.8	77.8	





#27

2,4-Dimethylphenol

Concen: 39.98 ng

RT: 7.86 min Scan# 505

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

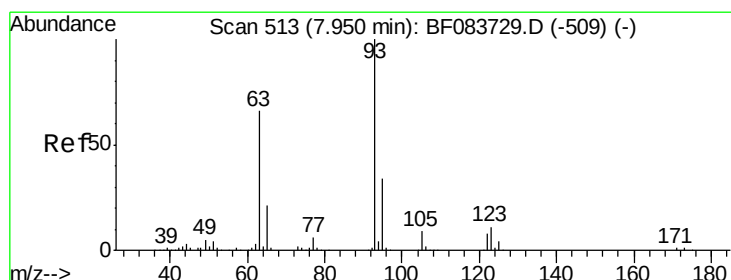
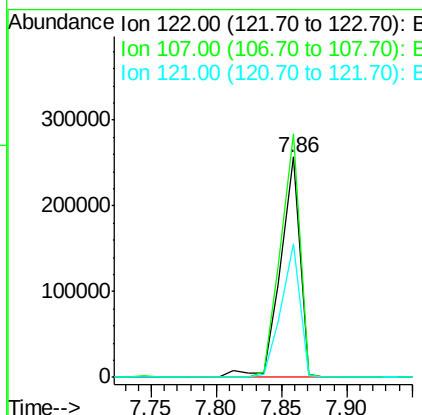
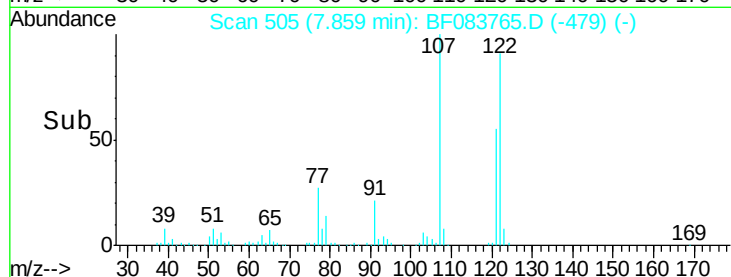
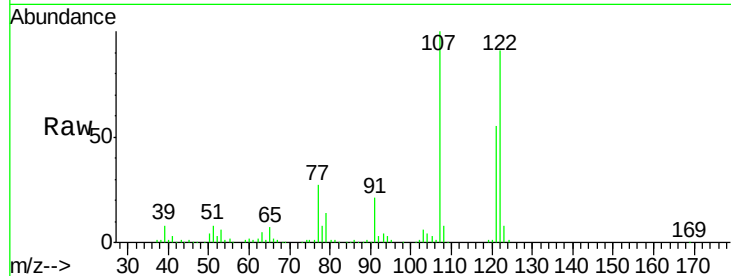
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	122	Resp:	265688
Ion Ratio	Lower	Upper	
122	100		
107	110.4	92.4	138.6
121	60.4	45.8	68.6

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#28

bis(2-Chloroethoxy)methane

Concen: 41.09 ng

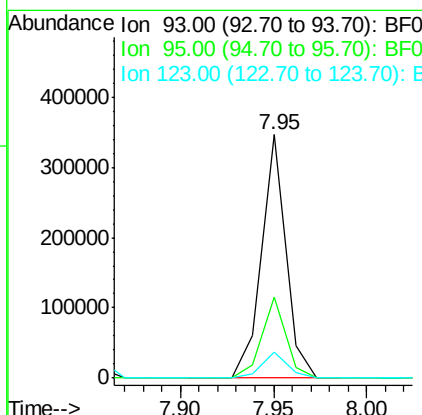
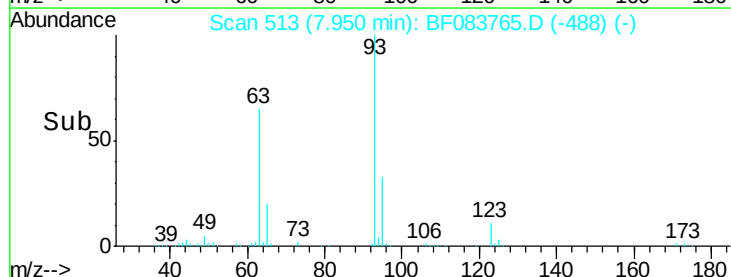
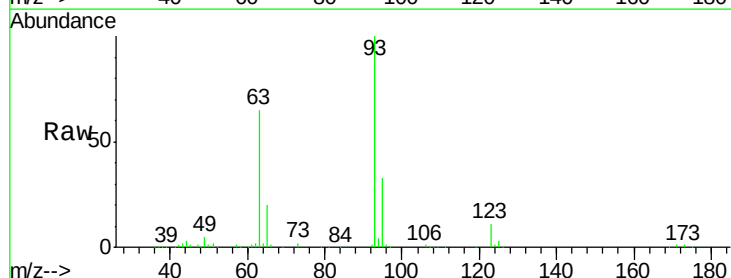
RT: 7.95 min Scan# 513

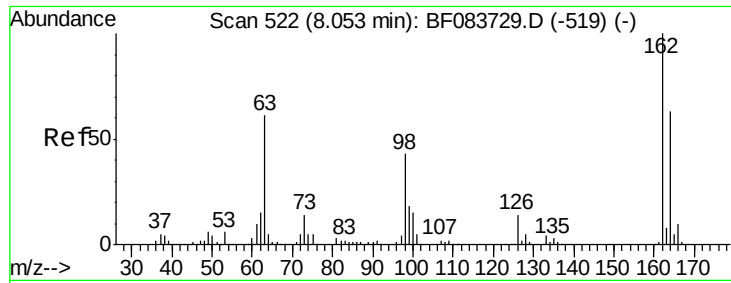
Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	93	Resp:	311177
Ion Ratio	Lower	Upper	
93	100		
95	33.2	25.6	38.4
123	10.6	7.3	10.9





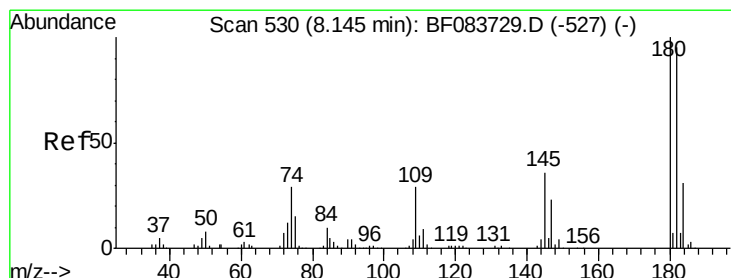
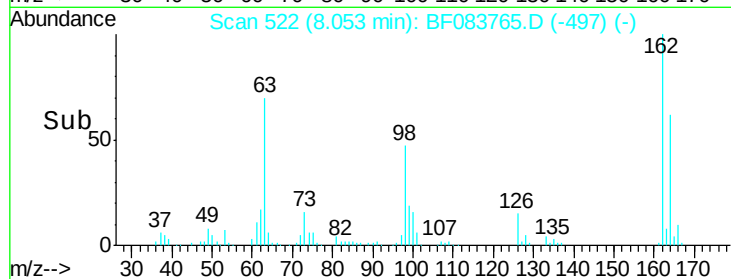
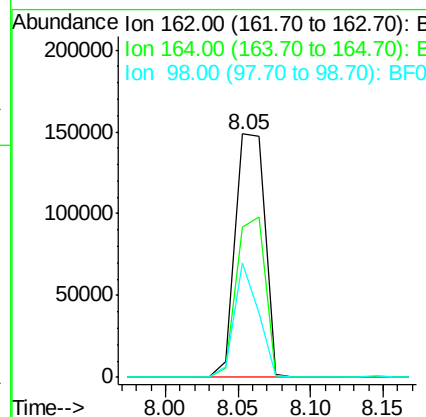
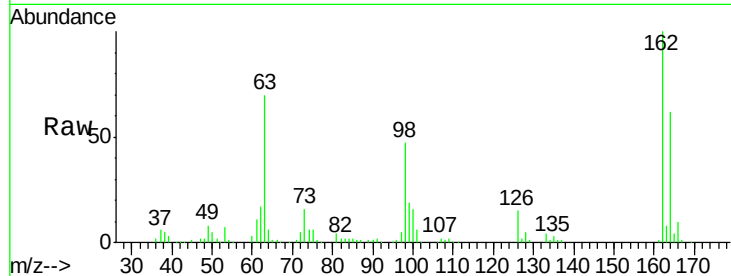
#29
 2,4-Dichlorophenol
 Concen: 38.89 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion:	162	Resp:	212183
Ion Ratio	Lower	Upper	
162	100		
164	61.8	43.4	83.4
98	47.2	17.5	57.5

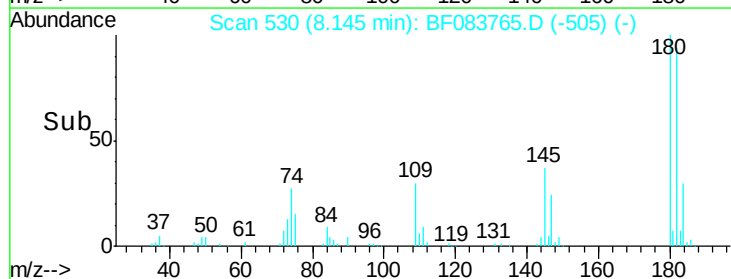
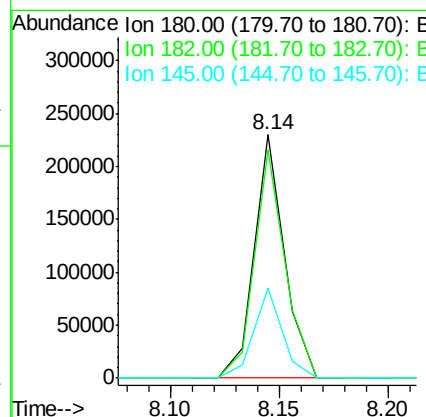
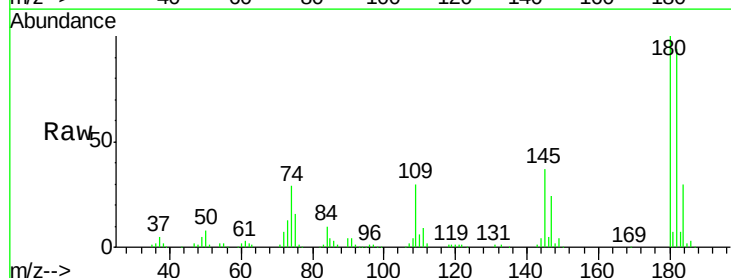
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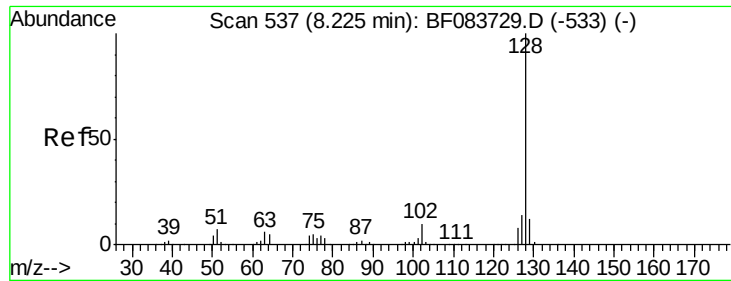
MMdadoda
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.04 ng
 RT: 8.14 min Scan# 530
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:	180	Resp:	220888
Ion Ratio	Lower	Upper	
180	100		
182	93.9	74.9	112.3
145	37.0	24.7	37.1





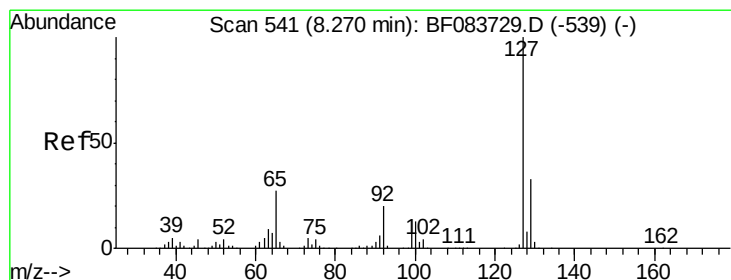
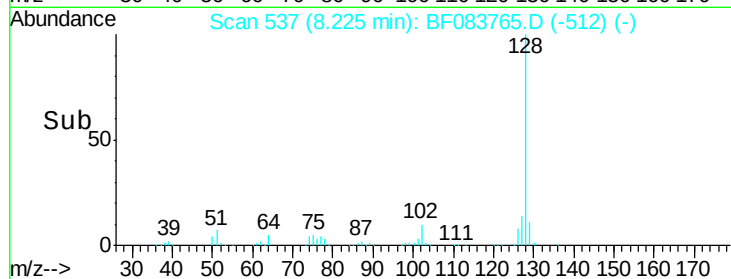
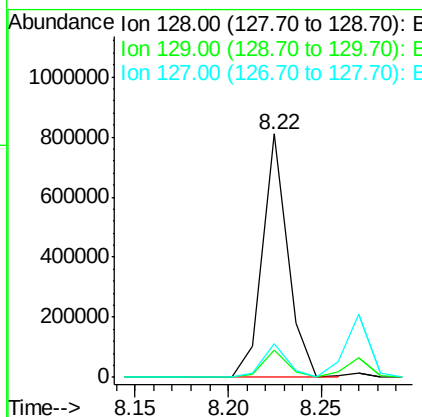
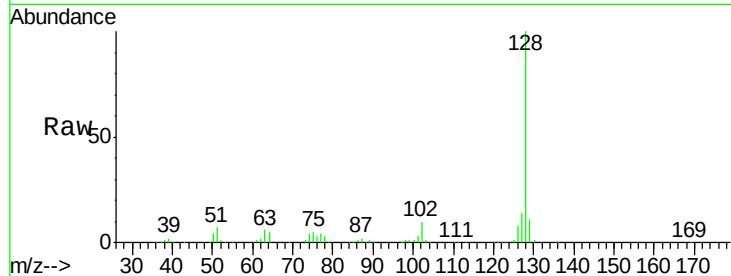
#31
Naphthalene
Concen: 38.25 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	754519		
129	11.4		8.6	13.0
127	13.7		10.6	16.0

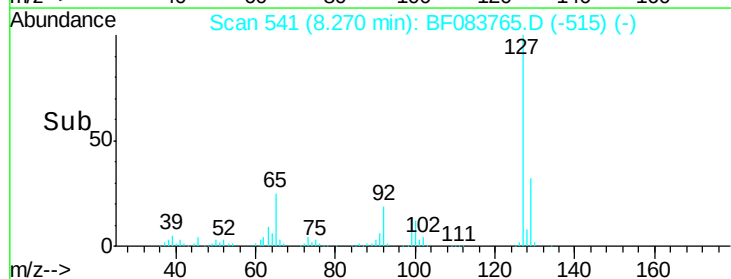
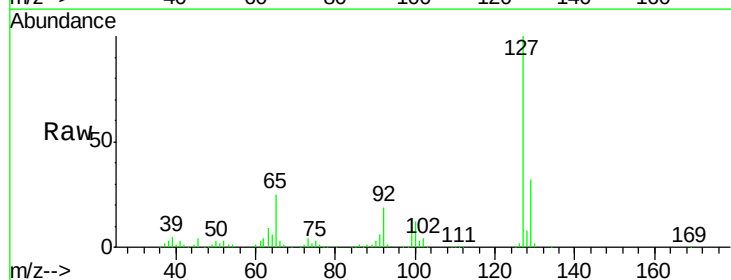
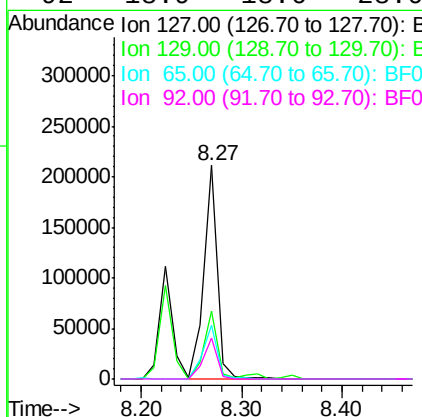
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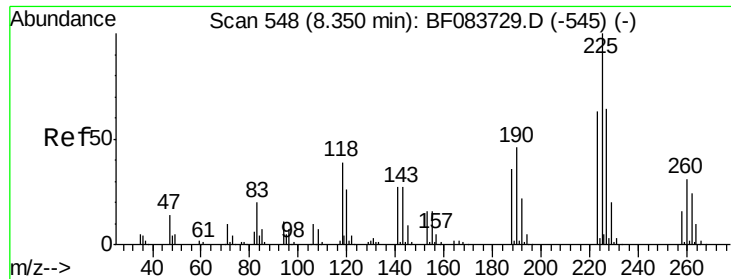
MMdadoda
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#33
4-Chloroaniline
Concen: 24.48 ng
RT: 8.27 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	197238		
129	31.9		26.1	39.1
65	25.4		33.5	50.3#
92	18.9		18.6	28.0





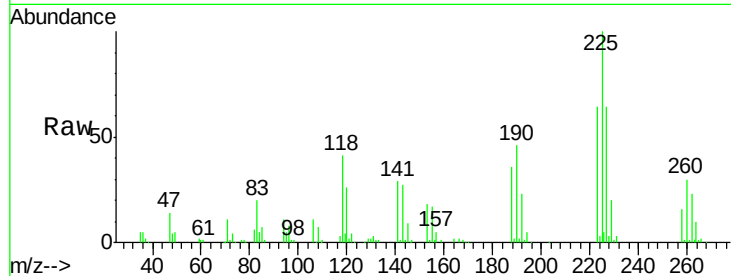
#34
Hexachlorobutadiene
Concen: 40.40 ng
RT: 8.35 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

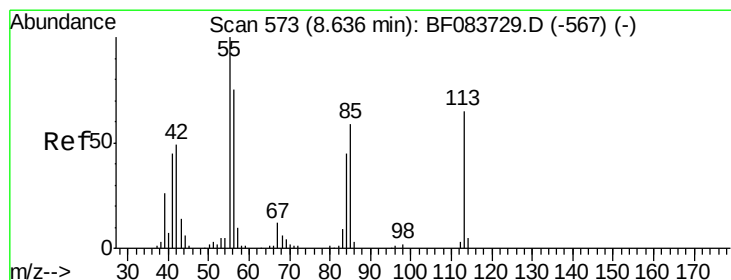
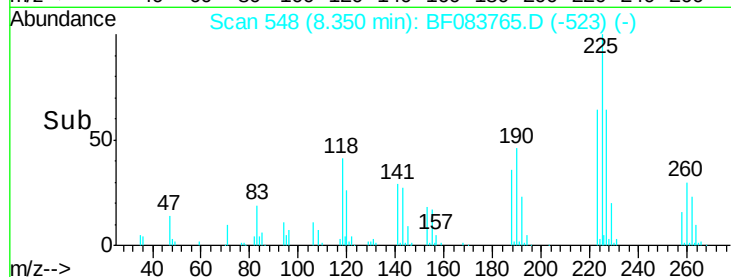
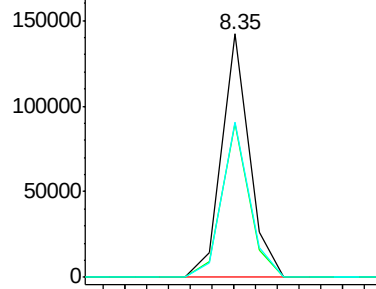
Tot Ion	Ratio	Resp Lower	Upper
225	100		
223	63.5	52.3	78.5
227	63.7	50.4	75.6

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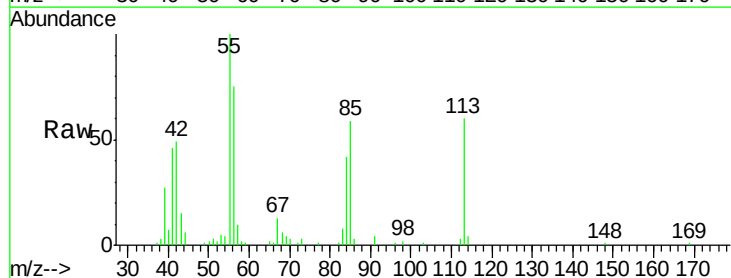


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

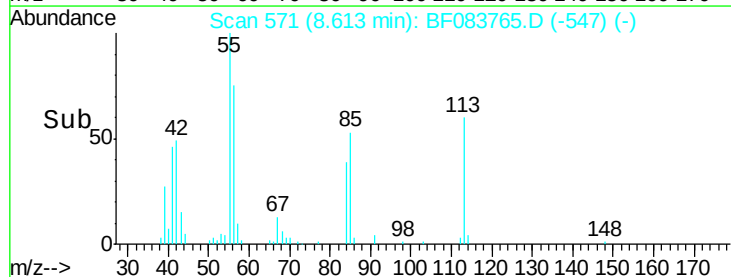
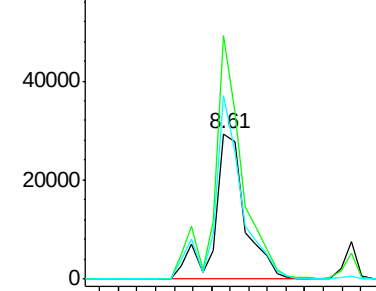


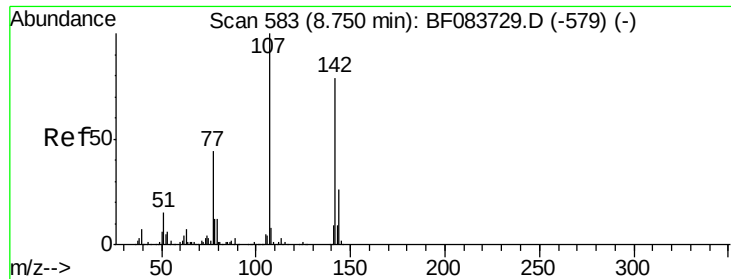
#35
Caprolactam
Concen: 37.92 ng
RT: 8.61 min Scan# 571
Delta R.T. -0.02 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
55	167.3	189.7	229.7#
56	126.3	130.7	170.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0





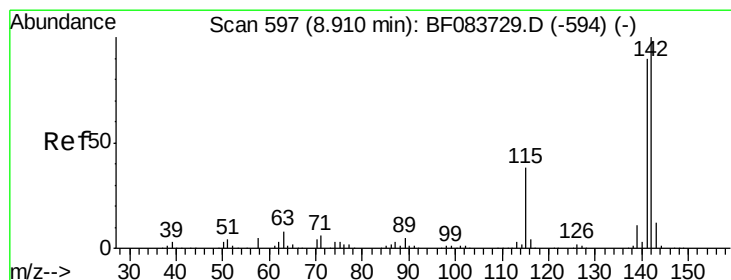
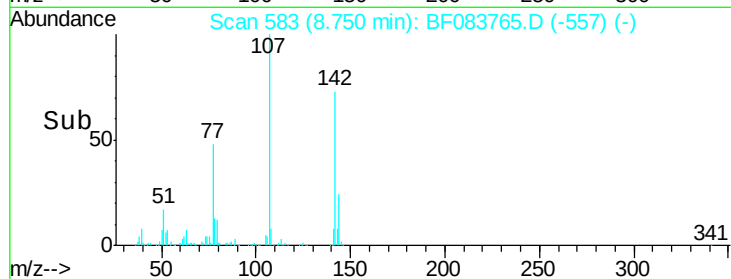
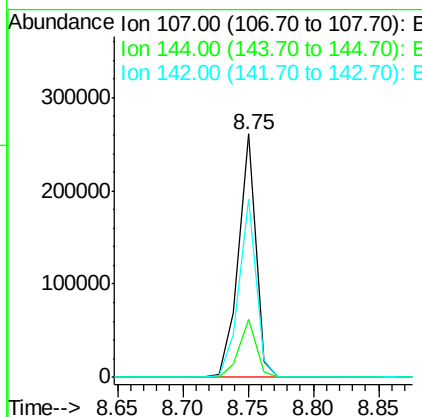
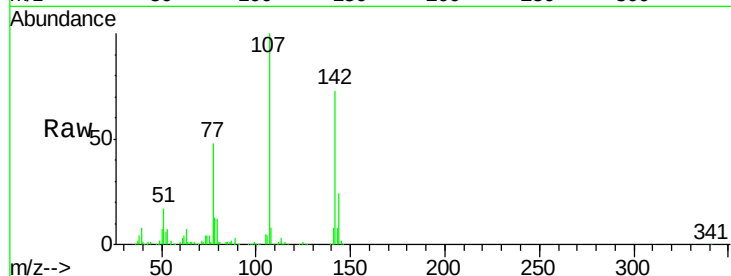
#36
 4-Chloro-3-methylphenol
 Concen: 37.91 ng
 RT: 8.75 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	241951		
144	23.7	17.5	26.3	
142	73.3	53.6	80.4	

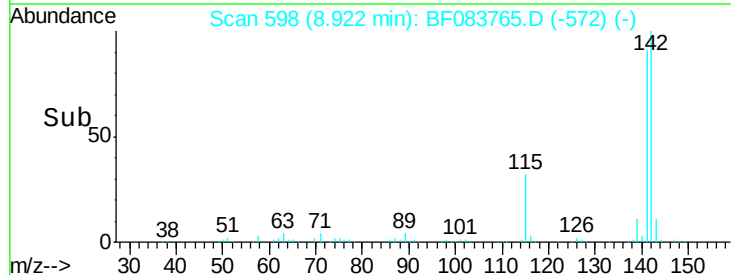
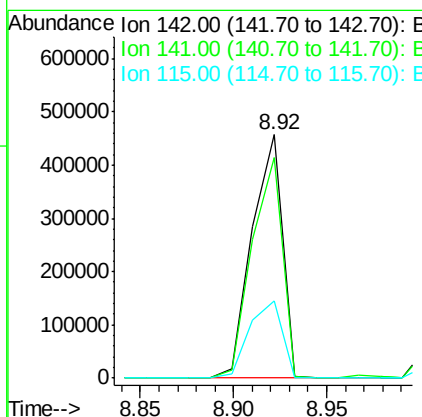
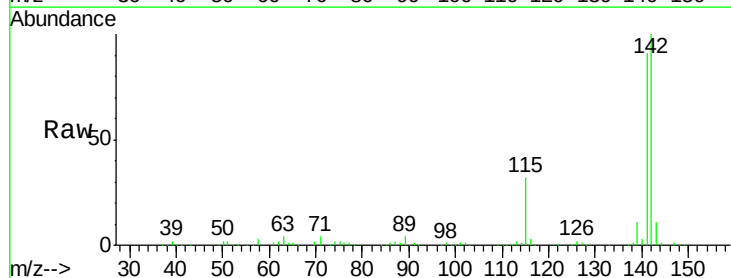
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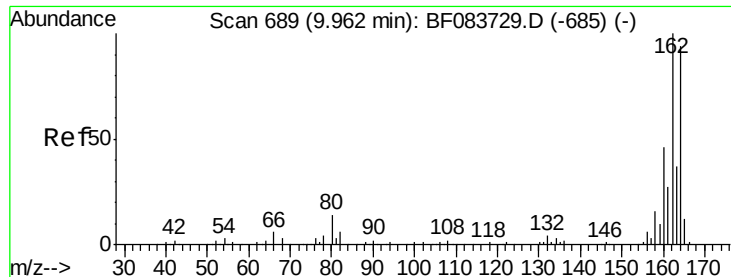
MMdadoda
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#37
 2-Methylnaphthalene
 Concen: 42.24 ng
 RT: 8.92 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	523133		
141	90.6	70.3	105.5	
115	31.9	29.2	43.8	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

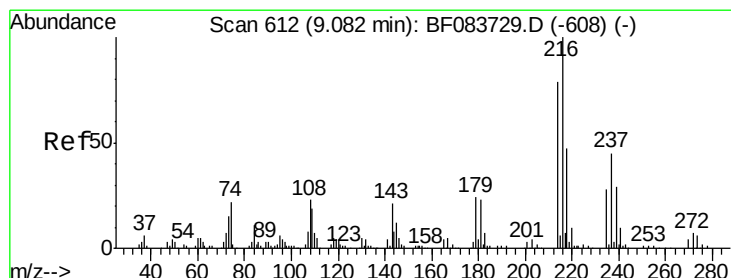
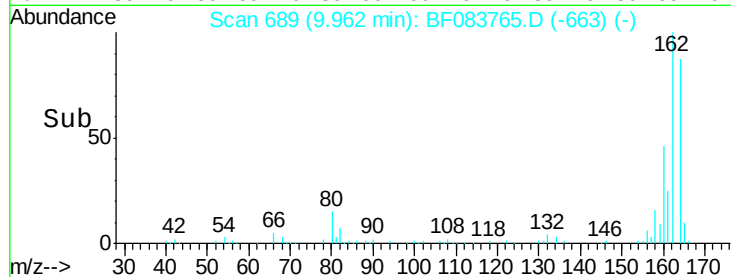
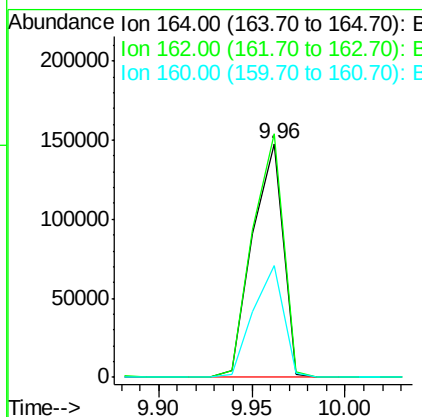
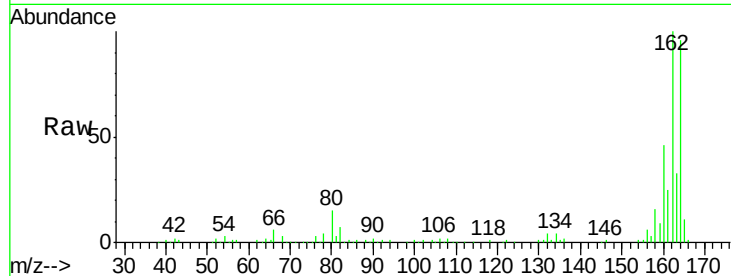
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	164	Resp:	168063
Ion Ratio	Lower	Upper	
164	100		
162	104.1	78.8	118.2
160	48.0	33.4	50.2

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.73 ng

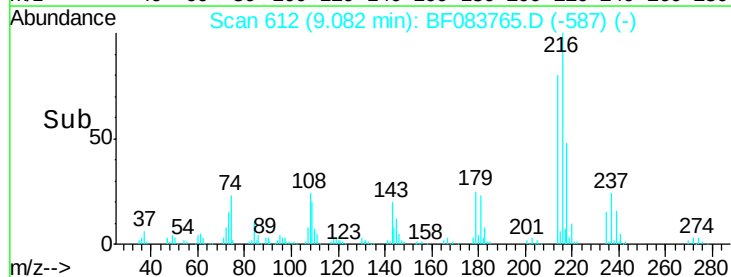
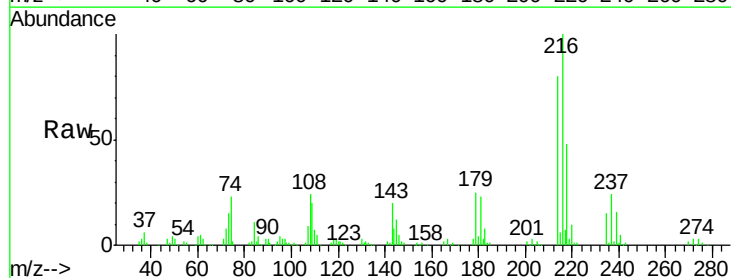
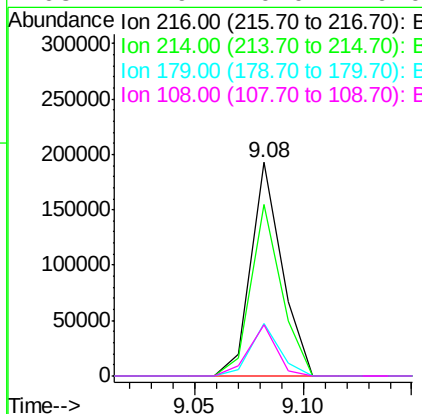
RT: 9.08 min Scan# 612

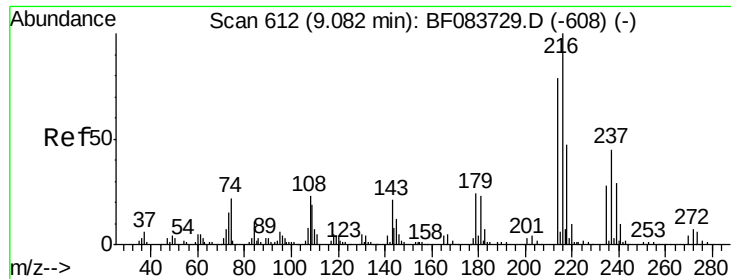
Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	216	Resp:	192022
Ion Ratio	Lower	Upper	
216	100		
214	78.7	0.0	0.0#
179	23.1	0.0	0.0#
108	21.9	0.0	0.0#





#40

Hexachlorocyclopentadiene

Concen: 24.82 ng

RT: 9.08 min Scan# 612

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

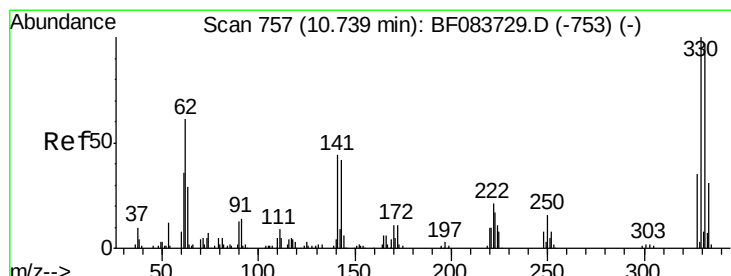
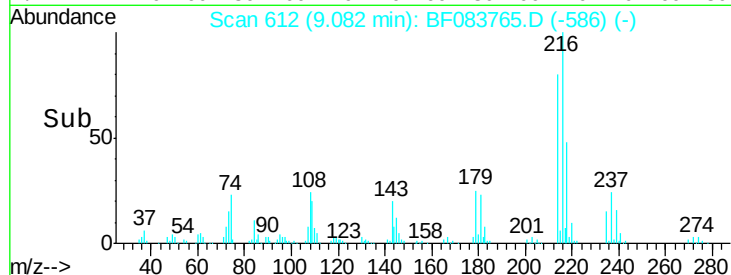
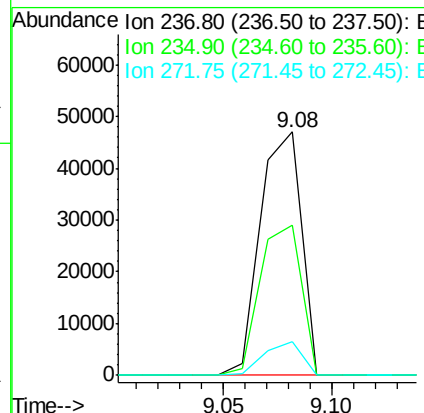
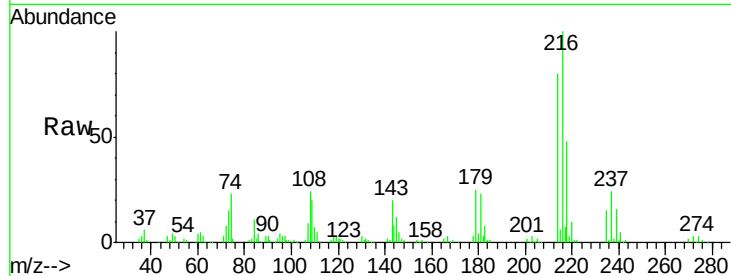
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	237	Resp:	62361
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.9	83.9
272	14.0	0.0	31.8

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#41

2,4,6-Tribromophenol

Concen: 101.90 ng

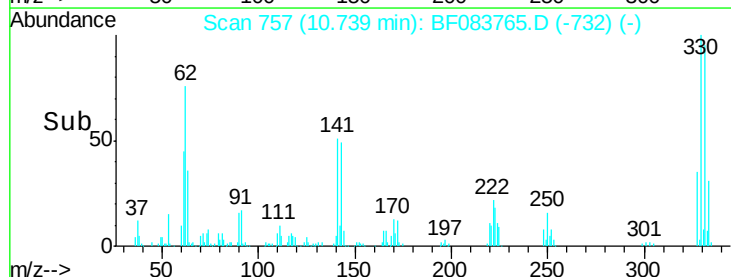
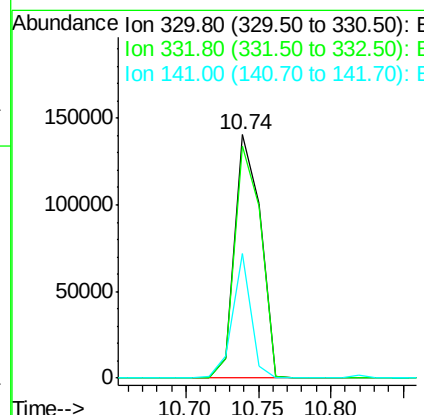
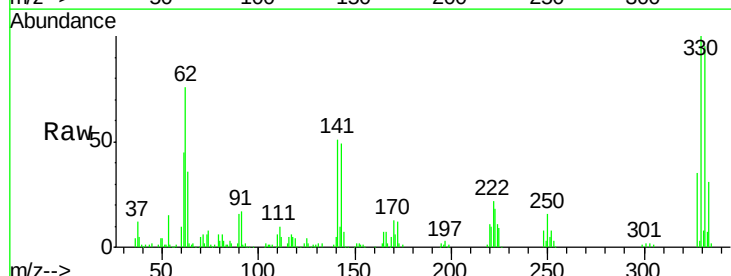
RT: 10.74 min Scan# 757

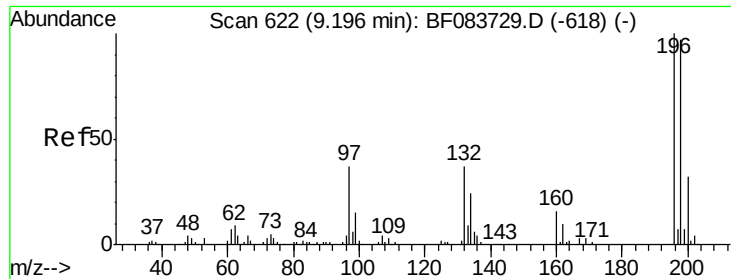
Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	330	Resp:	174511
Ion Ratio	Lower	Upper	
330	100		
332	96.7	0.0	0.0#
141	36.7	0.0	0.0#





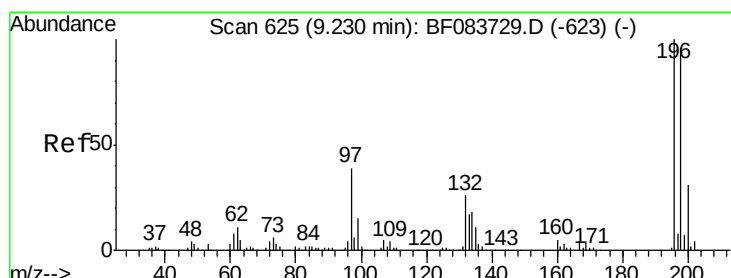
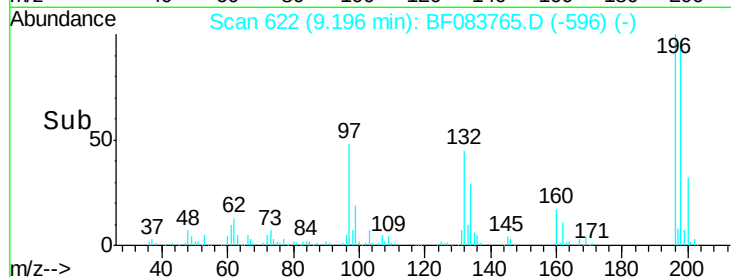
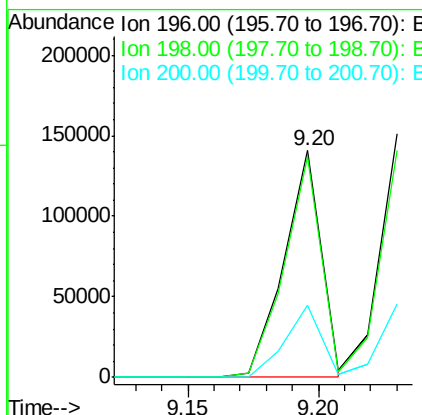
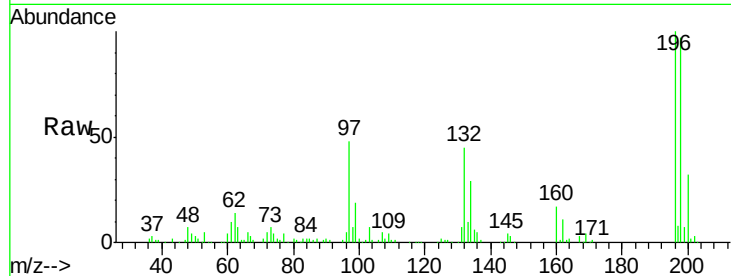
#42
2,4,6-Trichlorophenol
Concen: 38.29 ng
RT: 9.20 min Scan# 622
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	138964		
198	97.3	75.2	112.8	
200	31.7	23.0	34.6	

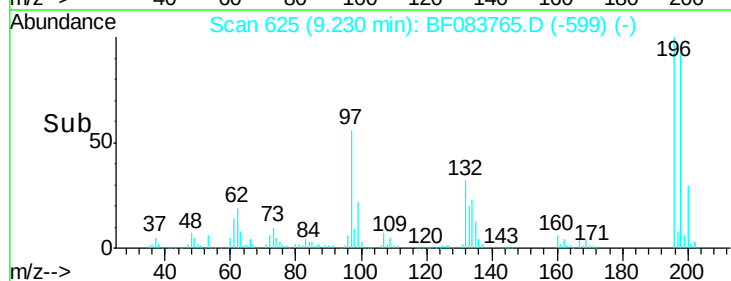
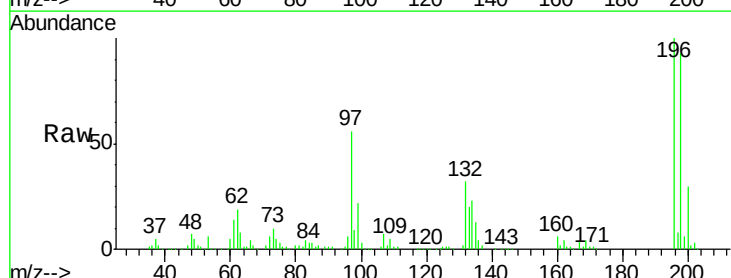
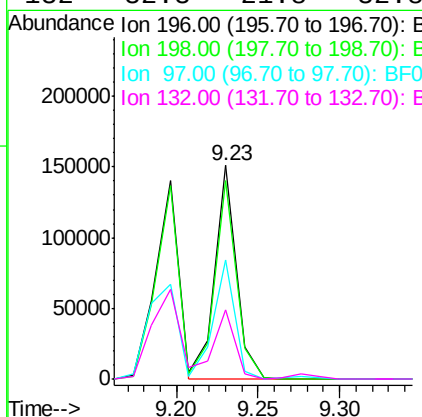
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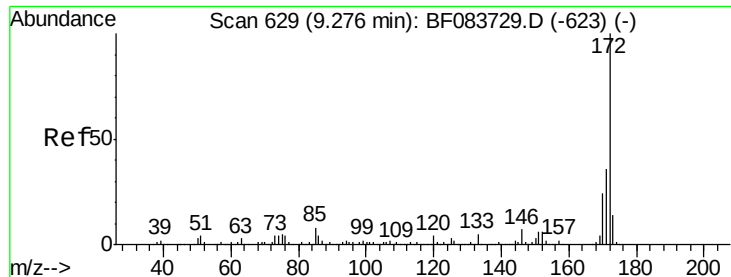
MMdadoda
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#43
2,4,5-Trichlorophenol
Concen: 40.30 ng
RT: 9.23 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	138729		
198	93.1	77.7	116.5	
97	56.0	41.2	61.8	
132	32.3	21.8	32.8	





#44

2-Fluorobiphenyl

Concen: 81.95 ng

RT: 9.28 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

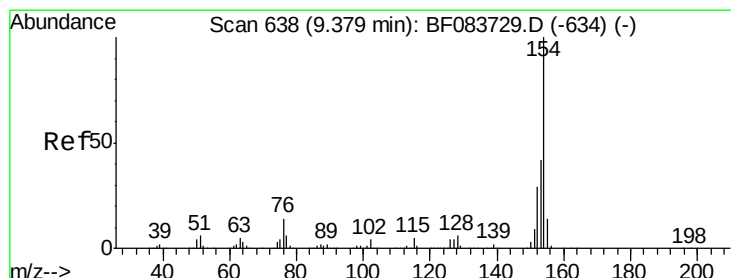
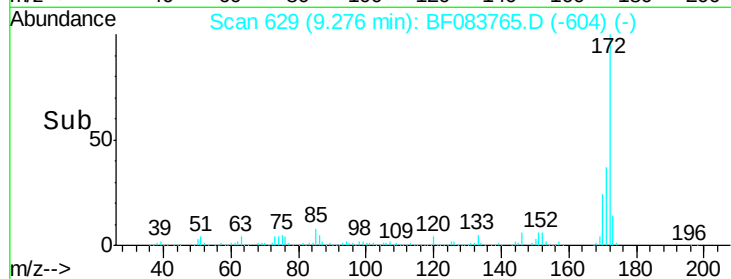
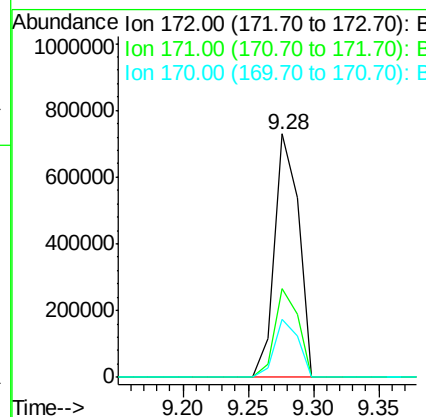
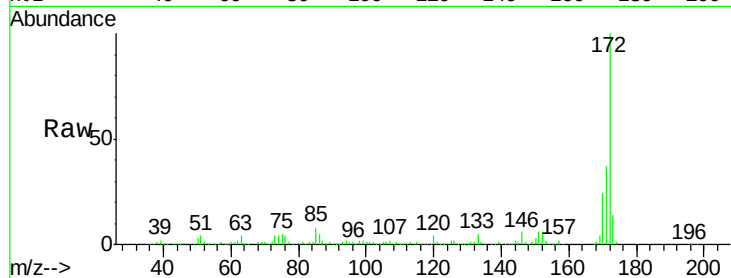
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	172	Resp:	950457
Ion Ratio	Lower	Upper	
172	100		
171	36.5	28.6	42.8
170	23.9	19.4	29.0

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#45

1,1'-Biphenyl

Concen: 38.29 ng

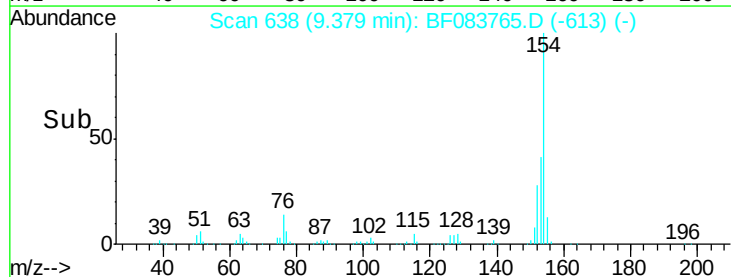
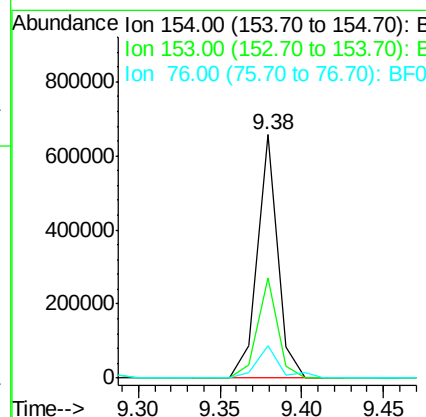
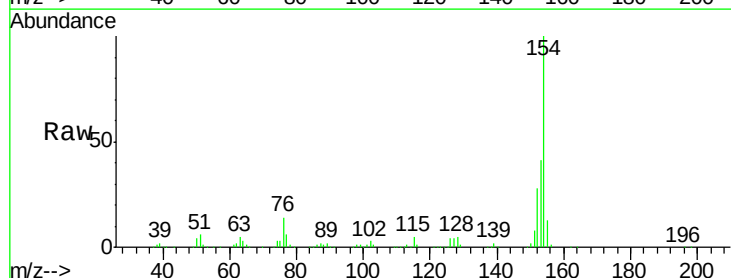
RT: 9.38 min Scan# 638

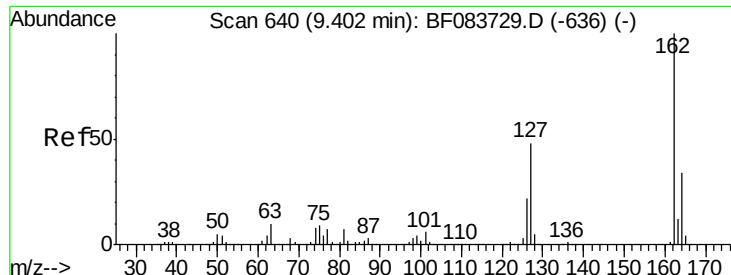
Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	154	Resp:	570314
Ion Ratio	Lower	Upper	
154	100		
153	41.0	20.2	60.2
76	13.5	0.0	34.8





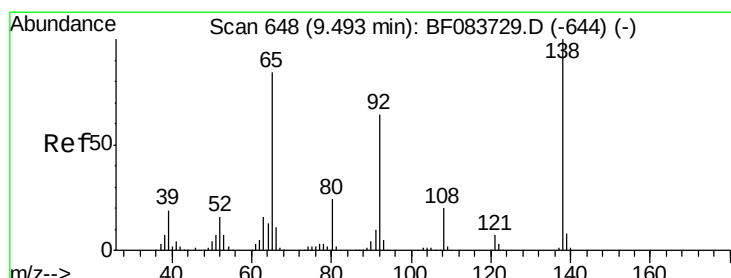
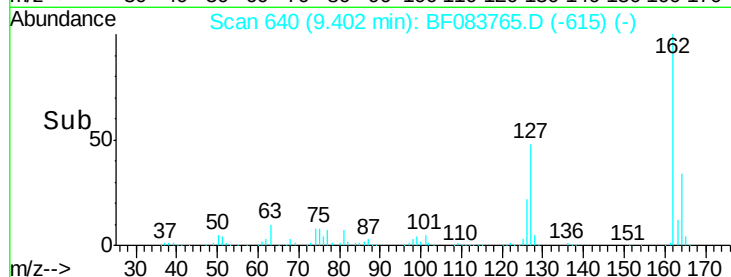
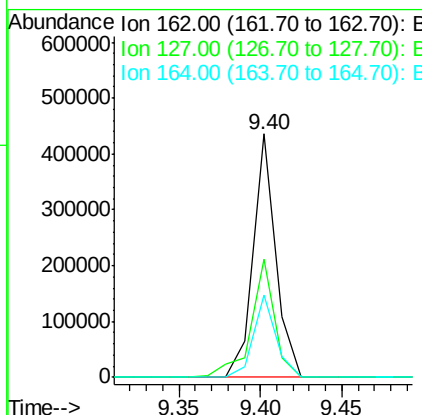
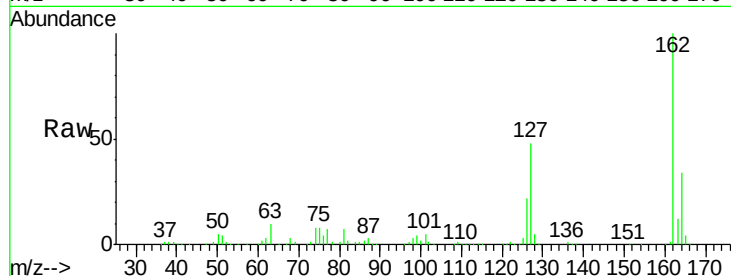
#46
2-Chloronaphthalene
Concen: 38.06 ng
RT: 9.40 min Scan# 640
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	48.3	31.0	46.4#
164	33.7	27.4	41.0

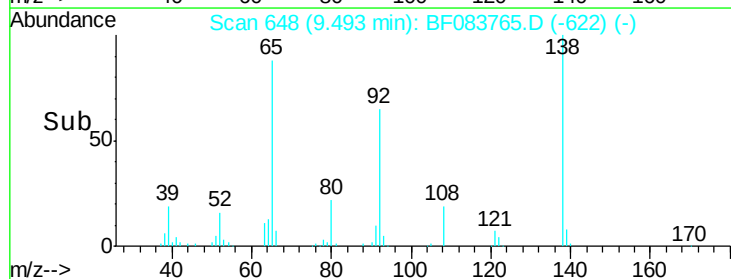
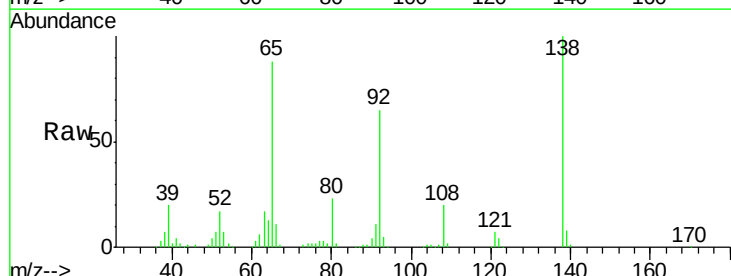
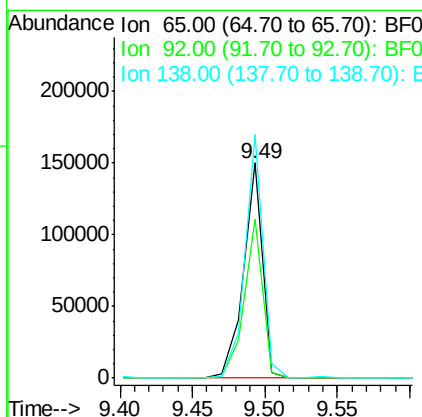
Manual Integrations
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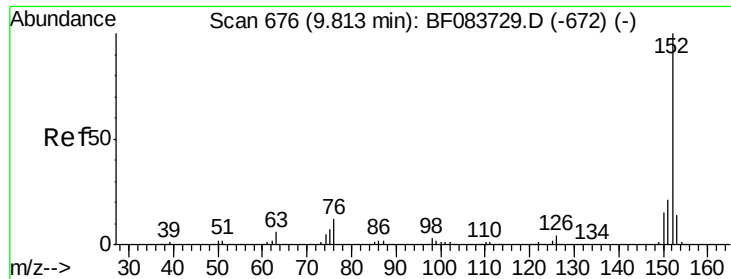
MMdadoda
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#47
2-Nitroaniline
Concen: 43.55 ng
RT: 9.49 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	74.0	49.6	74.4
138	113.1	64.1	96.1#





#48

Acenaphthylene

Concen: 37.19 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF083765.D

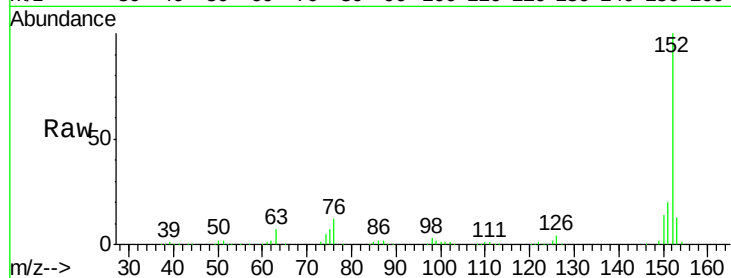
Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

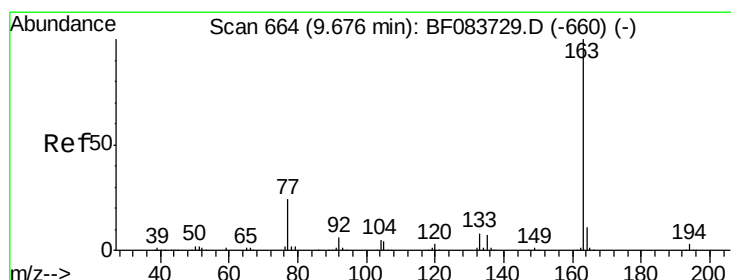
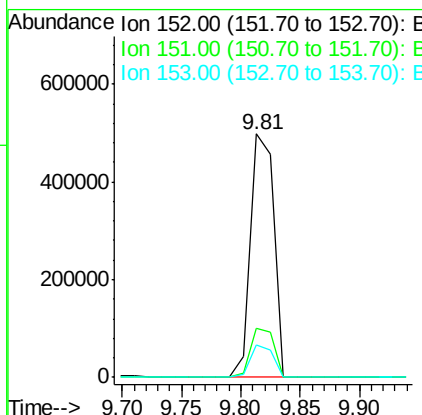
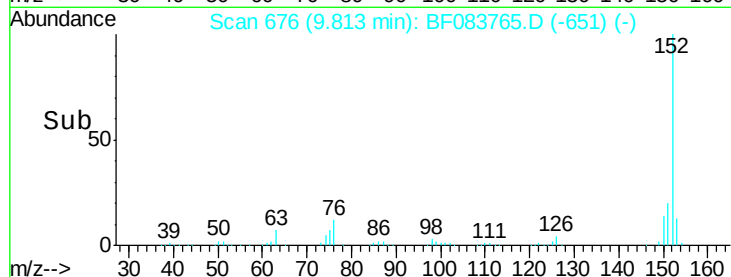
SB-04(0-0.16)MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		687996		
151	20.4	16.3	24.5		
153	13.3	10.8	16.2		

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#49

Dimethylphthalate

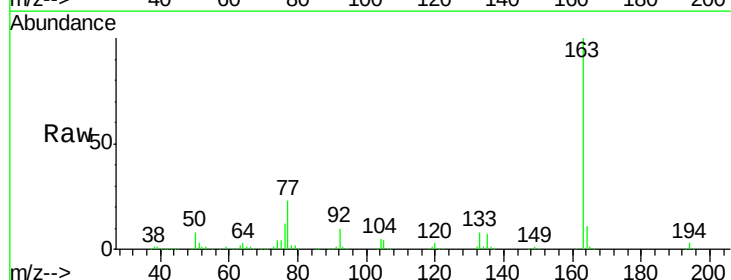
Concen: 49.34 ng

RT: 9.68 min Scan# 664

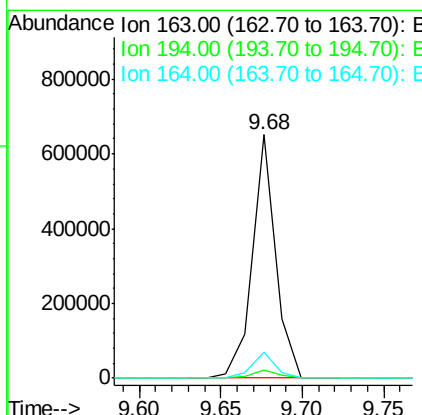
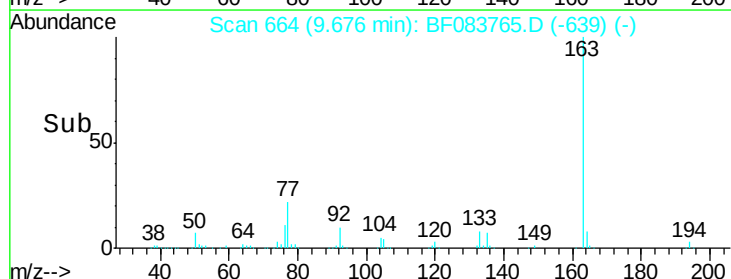
Delta R.T. -0.01 min

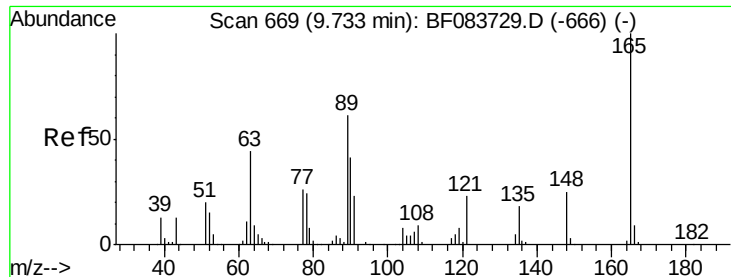
Lab File: BF083765.D

Acq: 14 Dec 2015 8:21



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		646437		
194	3.2	2.8	4.2		
164	10.7	8.6	13.0		





#50

2,6-Dinitrotoluene

Concen: 36.45 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

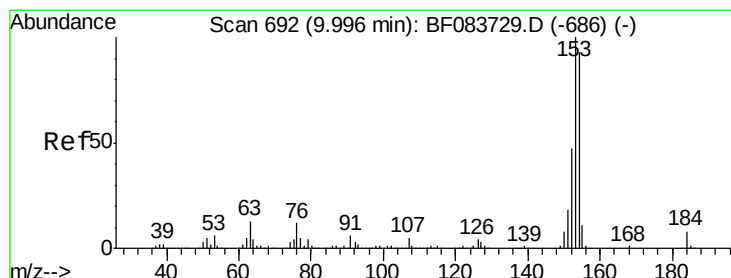
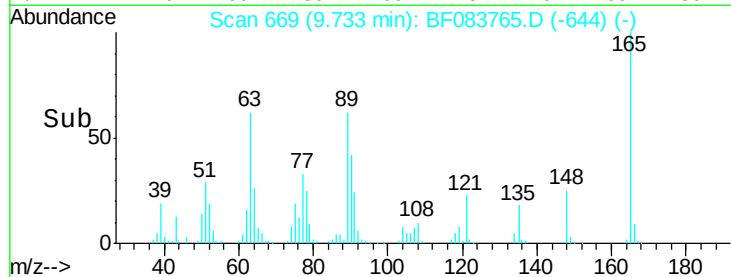
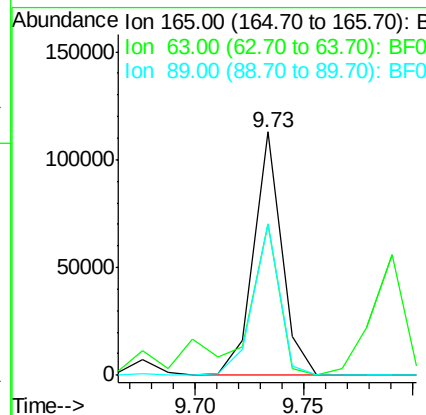
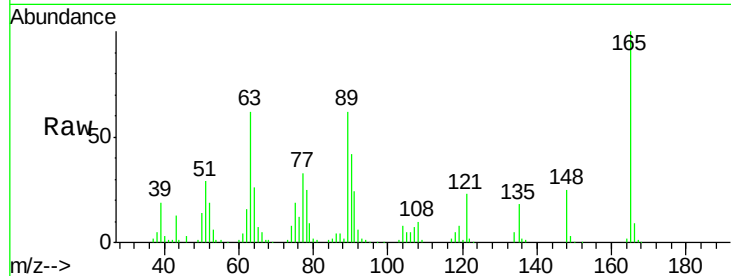
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	165	Resp:	101355
Ion Ratio		Lower	Upper
165	100		
63	62.3	56.9	85.3
89	62.1	52.1	78.1

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#51

Acenaphthene

Concen: 37.29 ng

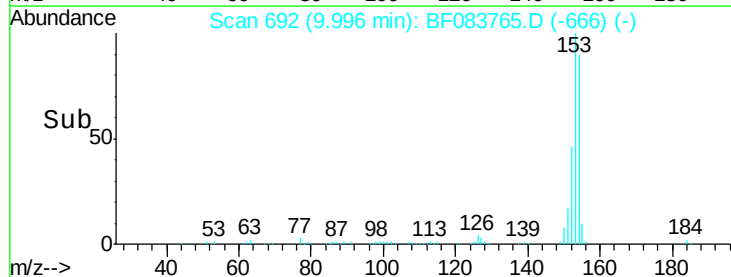
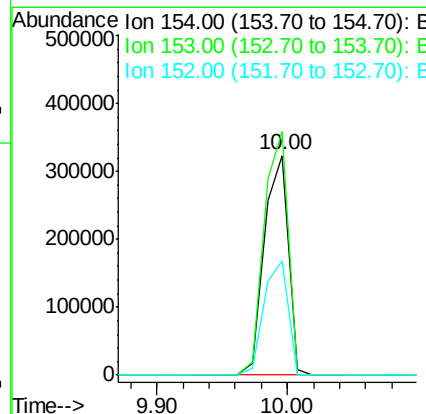
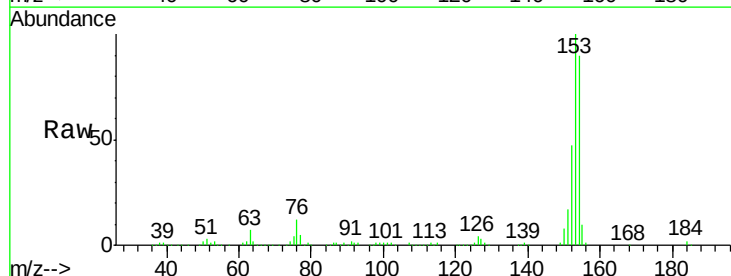
RT: 10.00 min Scan# 692

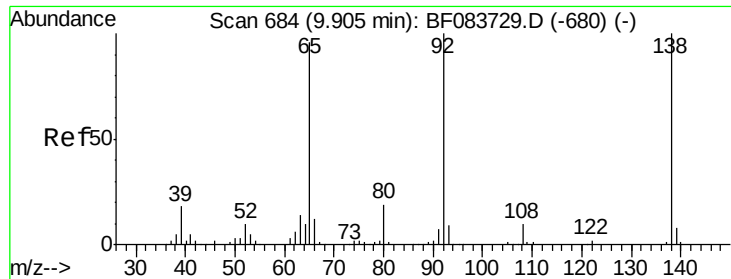
Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	154	Resp:	416987
Ion Ratio		Lower	Upper
154	100		
153	111.0	91.4	137.0
152	52.1	43.4	65.2





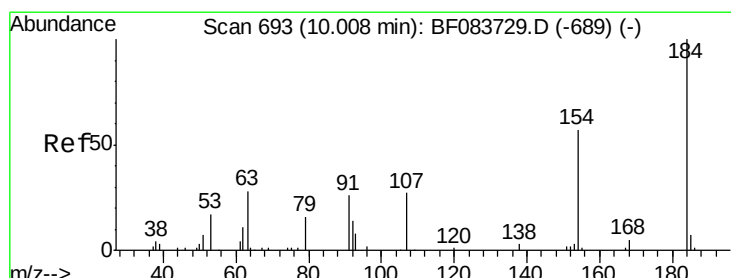
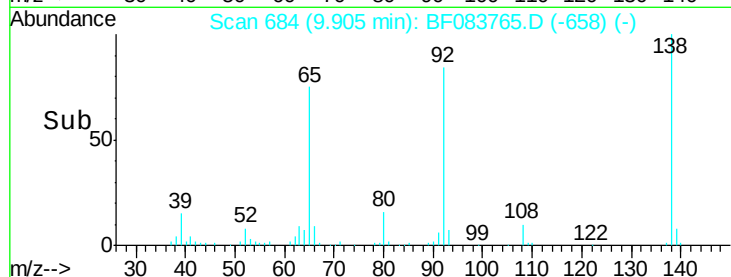
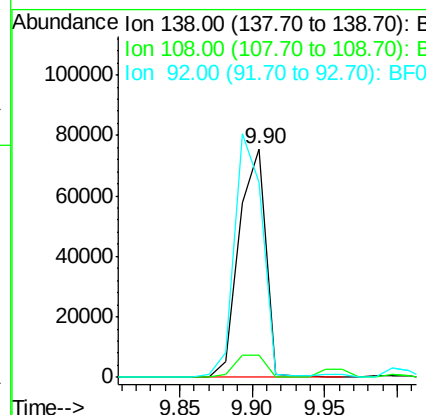
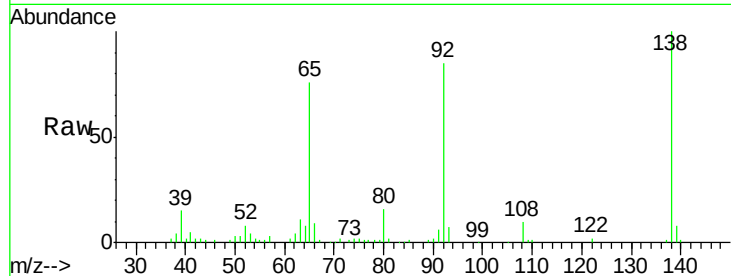
#52
 3-Nitroaniline
 Concen: 30.14 ng
 RT: 9.90 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.9	14.9#
92	85.5	113.8	170.8#

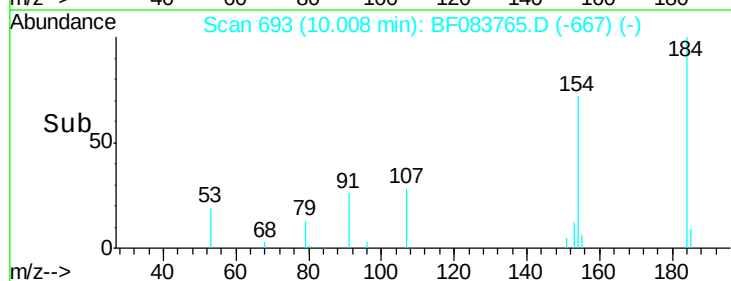
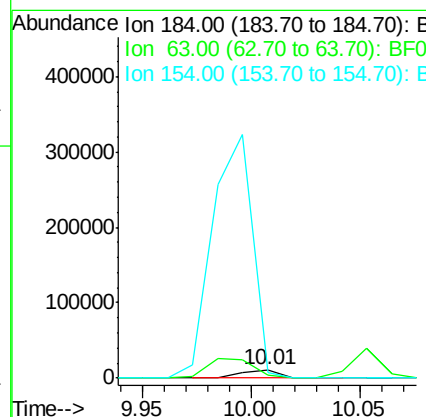
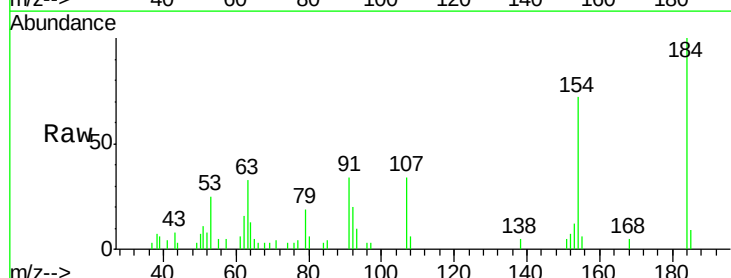
Manual Integrations
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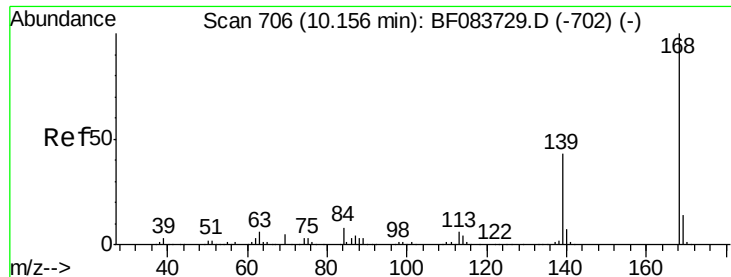
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#53
 2,4-Dinitrophenol
 Concen: 15.63 ng
 RT: 10.01 min Scan# 693
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
184	100		
63	33.0	62.4	93.6#
154	72.1	46.6	69.8#





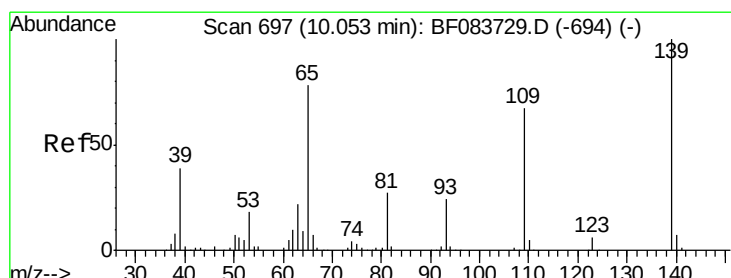
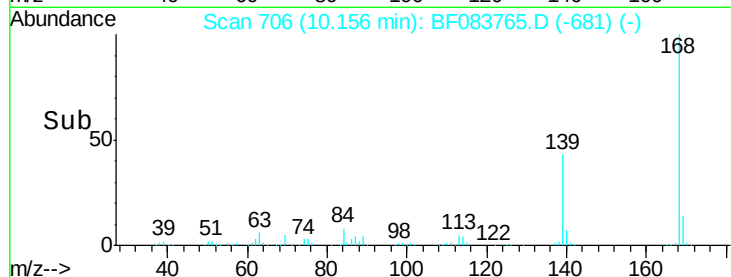
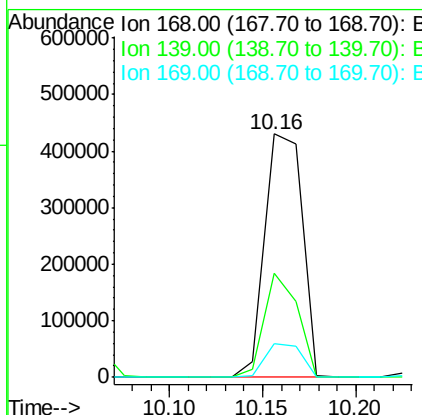
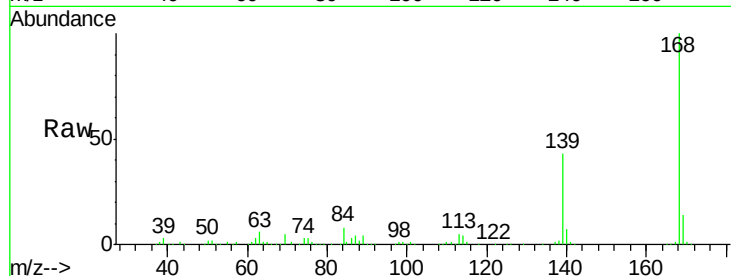
#54
Dibenzofuran
Concen: 40.38 ng
RT: 10.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.5	28.0	42.0	#
169	13.9	10.8	16.2	

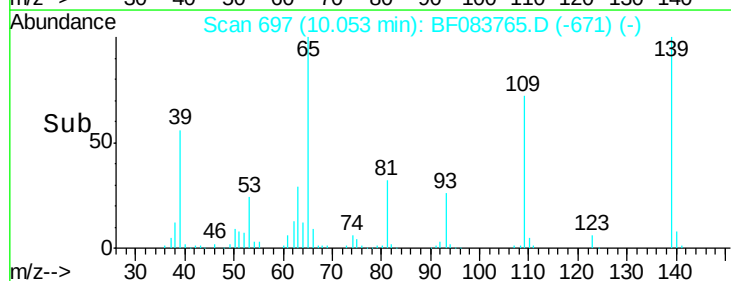
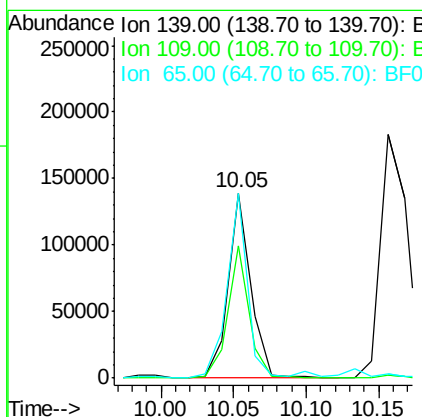
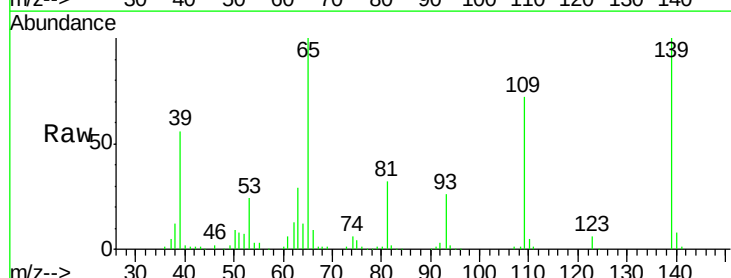
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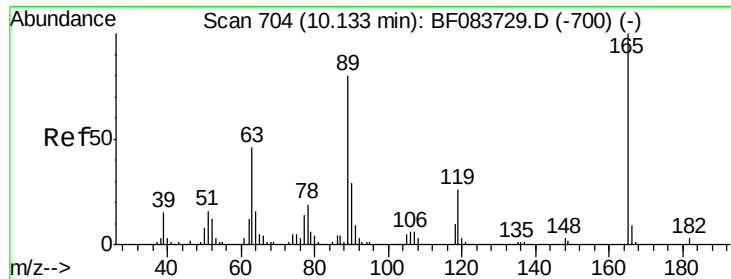
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#55
4-Nitrophenol
Concen: 63.49 ng
RT: 10.05 min Scan# 697
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	71.6	42.0	82.0	
65	99.8	89.2	129.2	





#56

2,4-Dinitrotoluene

Concen: 35.18 ng

RT: 10.13 min Scan# 704

Delta R.T. -0.01 min

Lab File: BF083765.D

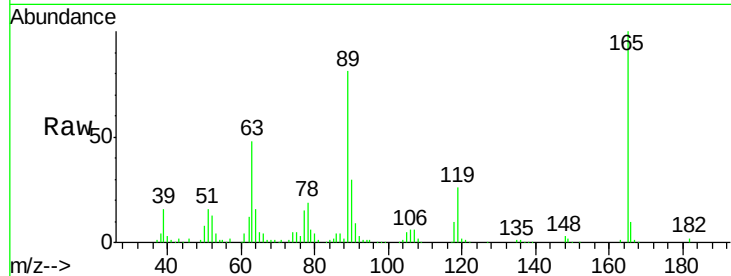
Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

ClientSampleId :

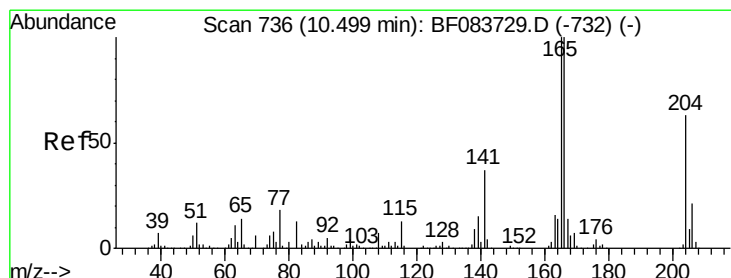
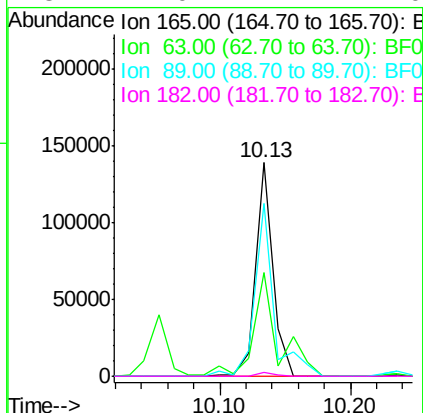
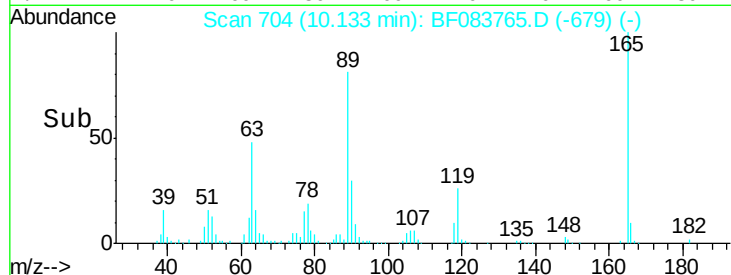
SB-04(0-0.16)MSD



Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		127814		
63	48.5	51.4	77.2#		
89	81.0	72.6	108.8		
182	2.0	1.4	2.0#		

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#57

Fluorene

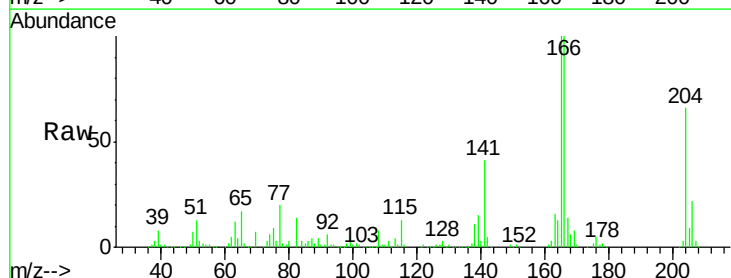
Concen: 34.78 ng

RT: 10.50 min Scan# 736

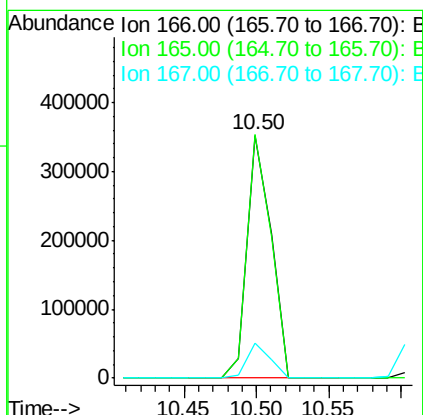
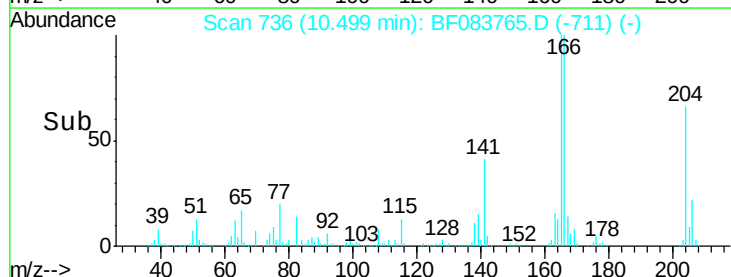
Delta R.T. -0.01 min

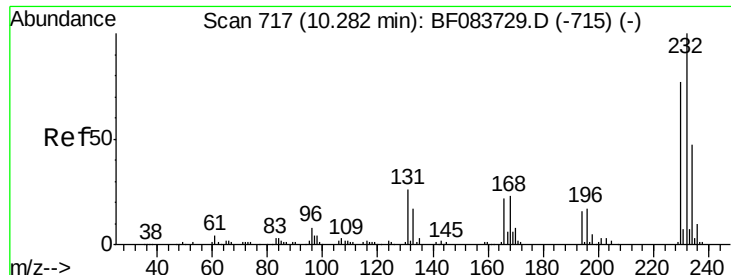
Lab File: BF083765.D

Acq: 14 Dec 2015 8:21



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		405865		
165	100.2	80.0	120.0		
167	14.2	10.6	16.0		





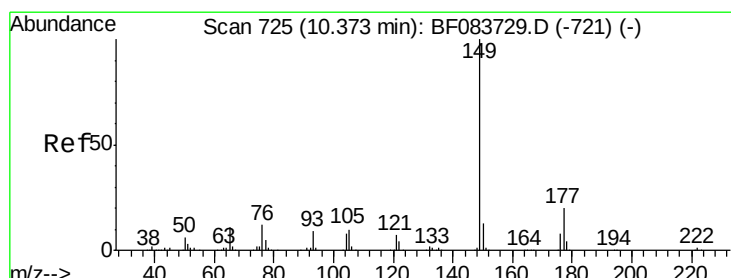
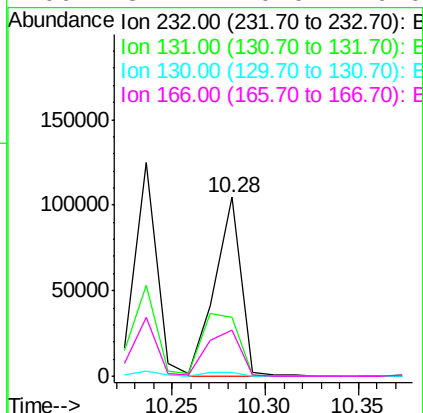
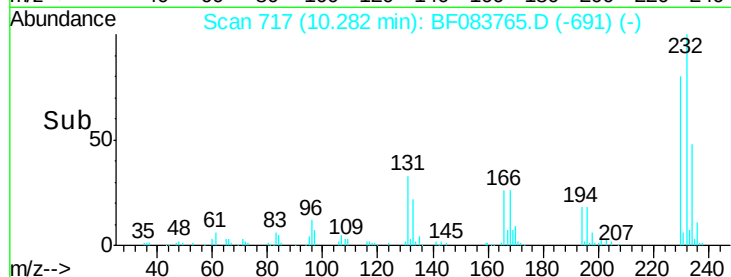
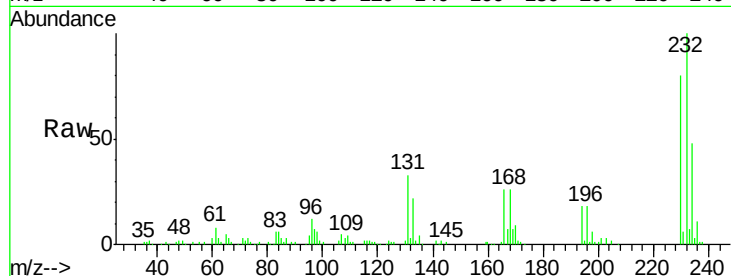
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.66 ng
 RT: 10.28 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	102404		
131	48.3	0.0	0.0#	
130	2.7	0.0	0.0#	
166	32.4	0.0	0.0#	

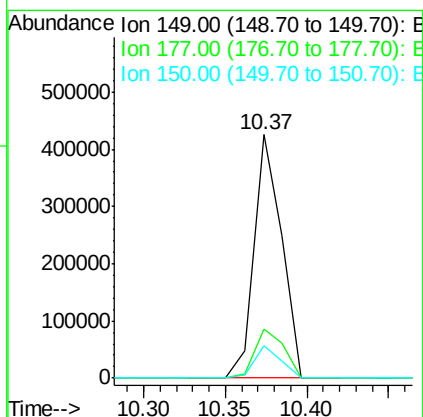
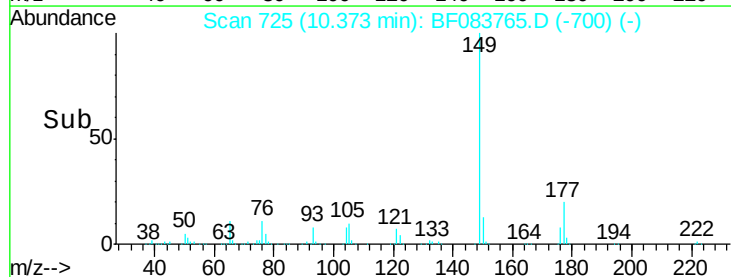
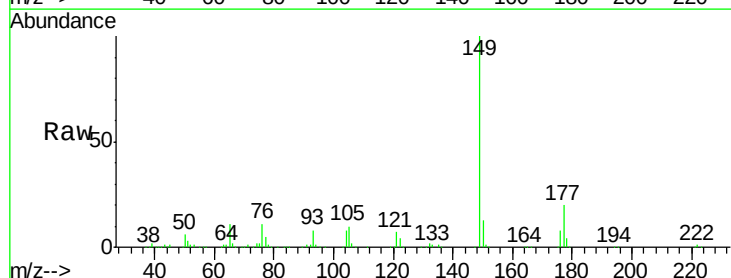
Manual Integrations
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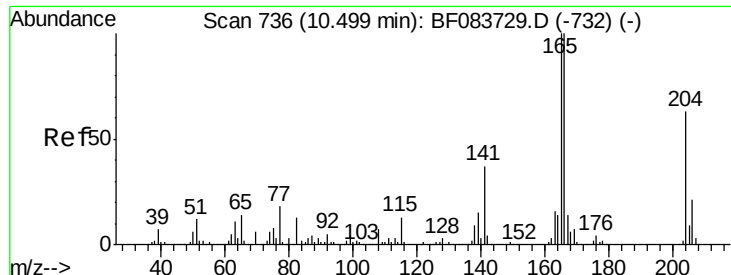
MMdadoda
 12/14/2015 6:23:52 PM



#59
 Diethylphthalate
 Concen: 37.48 ng
 RT: 10.37 min Scan# 725
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	497244		
177	20.1	16.9	25.3	
150	13.3	10.2	15.4	





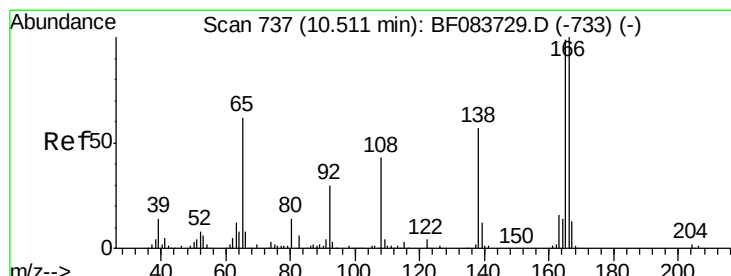
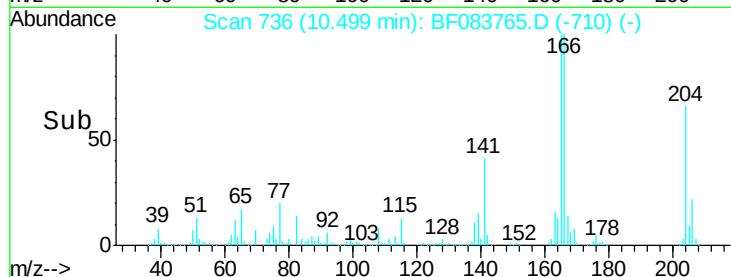
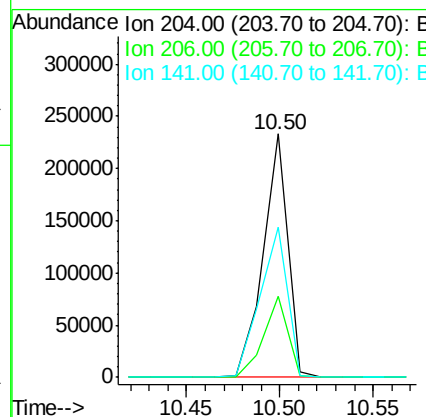
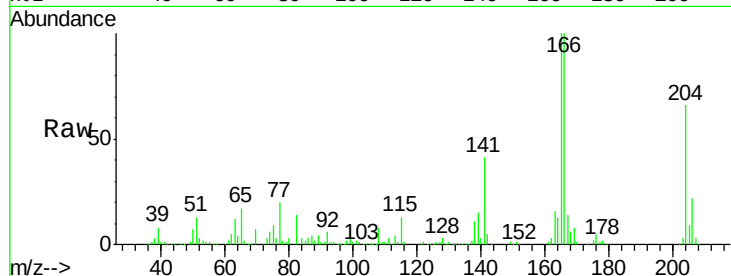
#60
 4-Chlorophenyl-phenylether
 Concen: 39.66 ng
 RT: 10.50 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion:	204	Resp:	210987
Ion Ratio	Lower	Upper	
204	100		
206	33.1	27.3	40.9
141	61.8	51.9	77.9

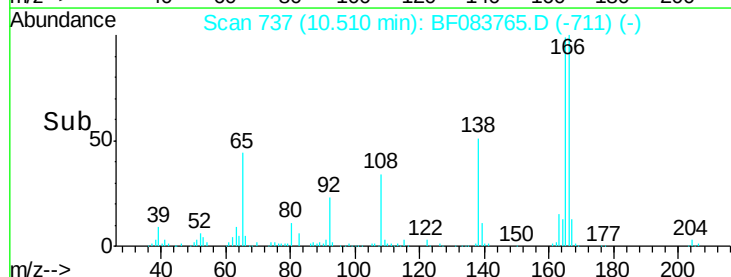
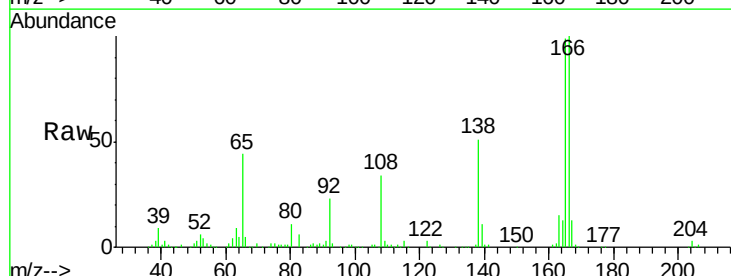
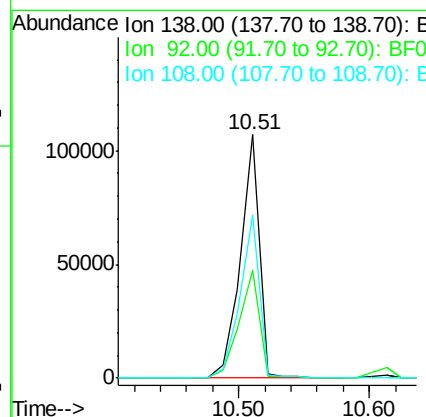
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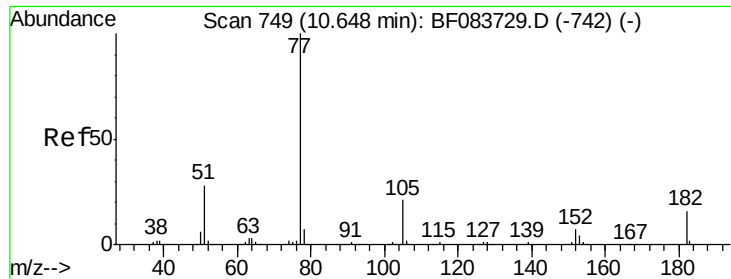
MMdadoda
 12/14/2015 6:23:52 PM



#61
 4-Nitroaniline
 Concen: 37.82 ng
 RT: 10.51 min Scan# 737
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion:	138	Resp:	106869
Ion Ratio	Lower	Upper	
138	100		
92	44.6	29.0	69.0
108	67.1	47.4	87.4





#62

Azobenzene

Concen: 41.59 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

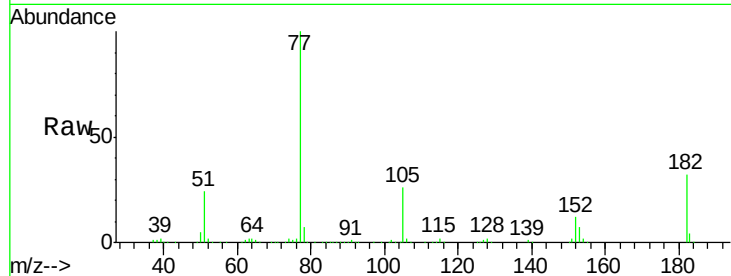
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		502853		
182	32.5	2.5	42.5		
105	26.5	2.1	42.1		
51	23.5	9.3	49.3		

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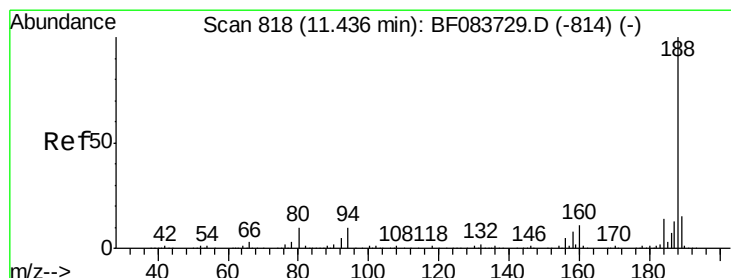
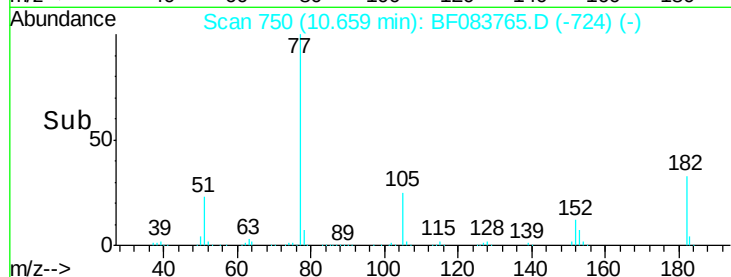
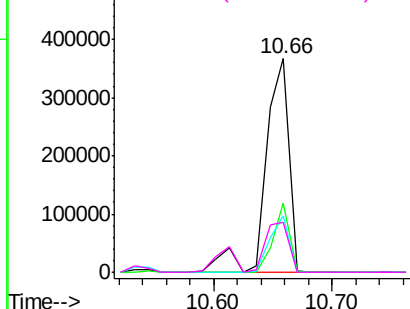


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

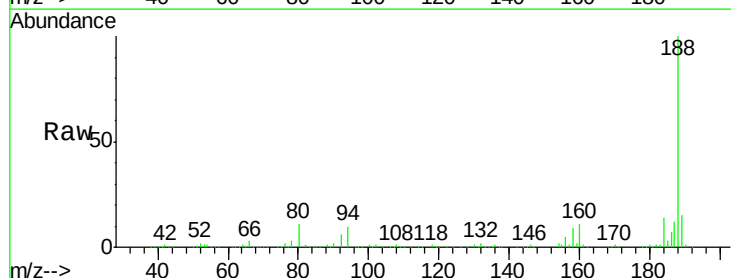
RT: 11.44 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

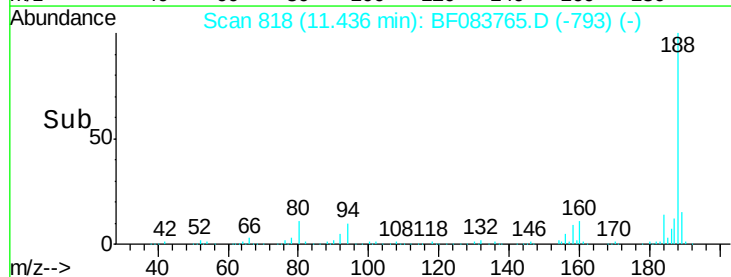
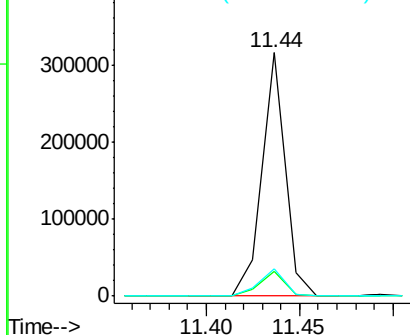
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		271048		
94	10.1	9.4	14.2		
80	11.4	10.6	16.0		

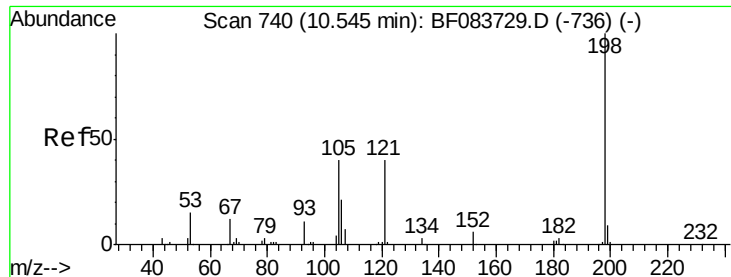


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 17.59 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

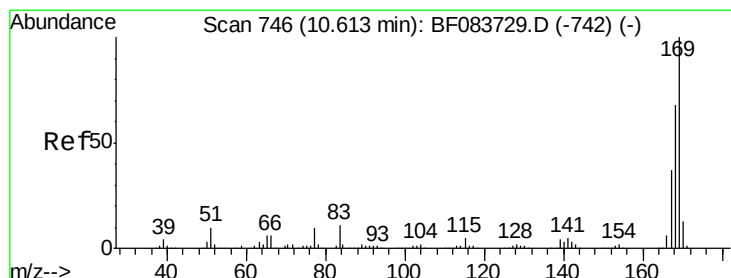
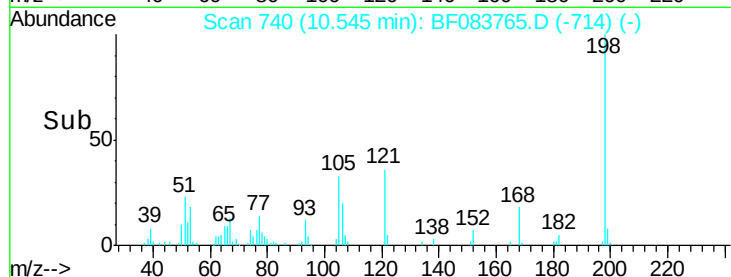
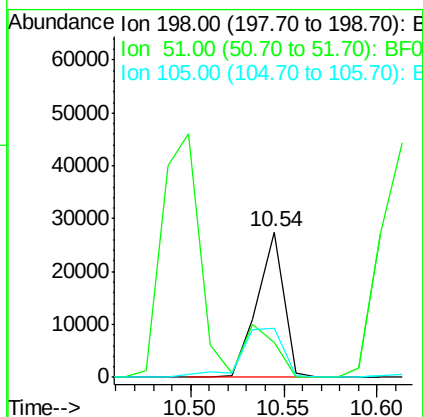
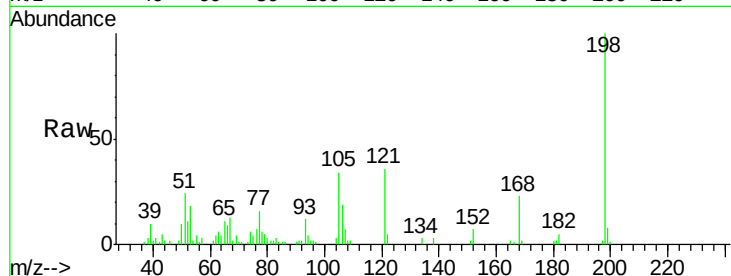
ClientSampleId :

SB-04(0-0.16)MSD

Tot Ion:	198	Resp:	27133
Ion Ratio	Lower	Upper	
198	100		
51	23.9	53.8	93.8#
105	34.2	38.6	78.6#

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#65

n-Nitrosodiphenylamine

Concen: 45.18 ng

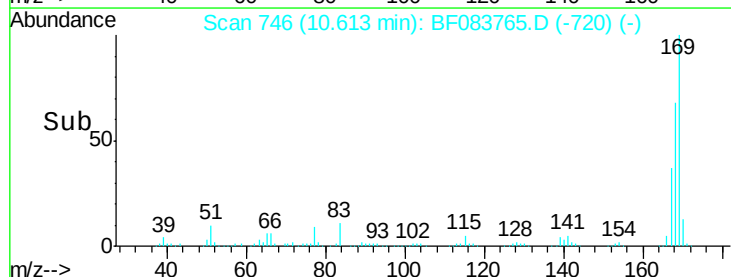
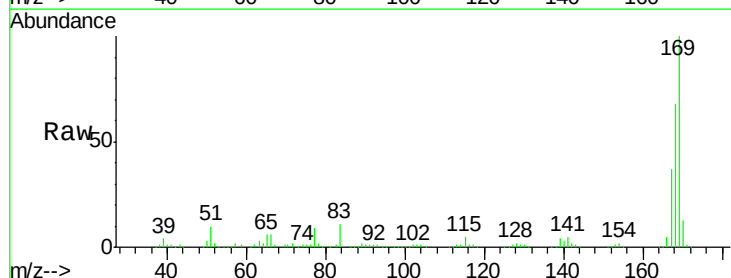
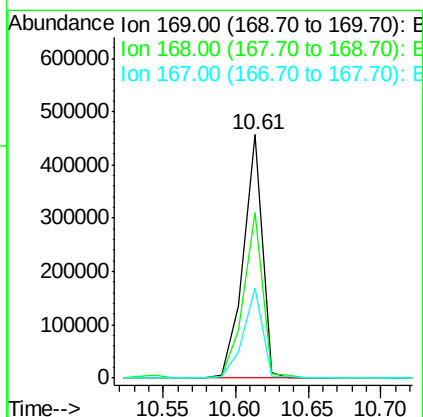
RT: 10.61 min Scan# 746

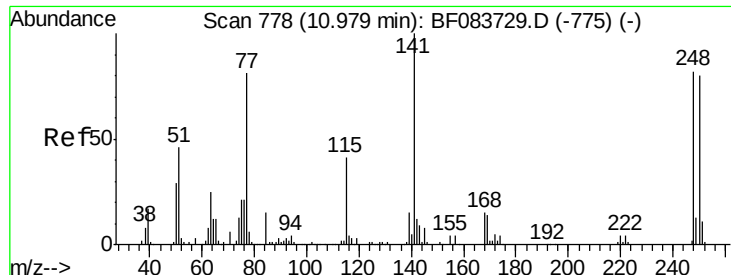
Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	169	Resp:	418821
Ion Ratio	Lower	Upper	
169	100		
168	67.8	53.0	79.6
167	37.1	29.3	43.9





#66

4-Bromophenyl-phenylether

Concen: 40.05 ng

RT: 10.99 min Scan# 779

Delta R.T. 0.00 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

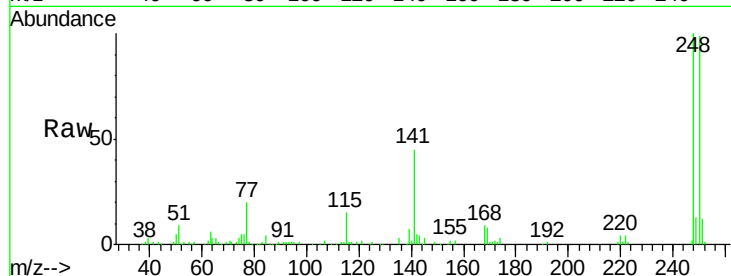
ClientSampleId :

SB-04(0-0.16)MSD

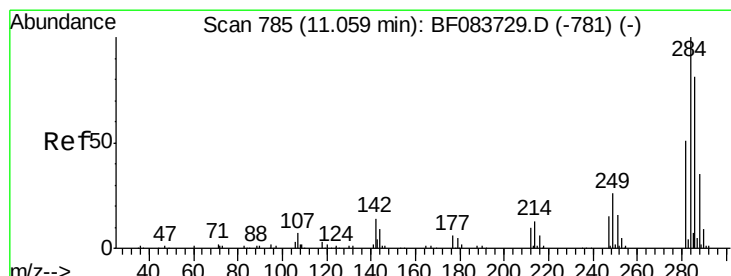
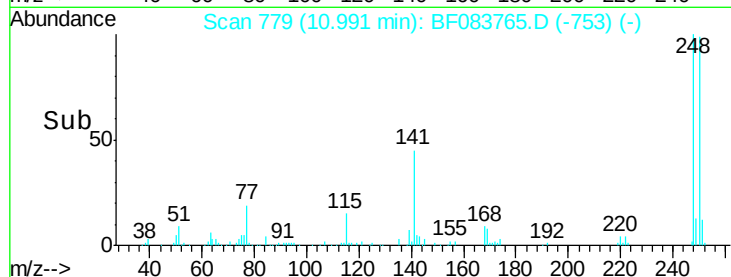
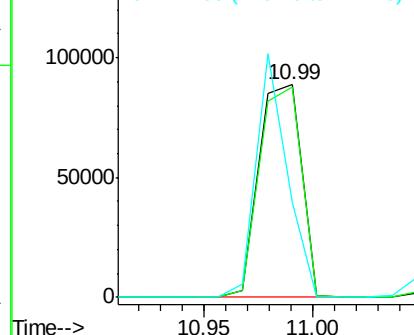
Tot Ion:	248	Resp:	121378
Ion Ratio	Lower	Upper	
248	100		
250	99.2	79.2	118.8
141	44.7	58.2	87.4#

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#67

Hexachlorobenzene

Concen: 39.45 ng

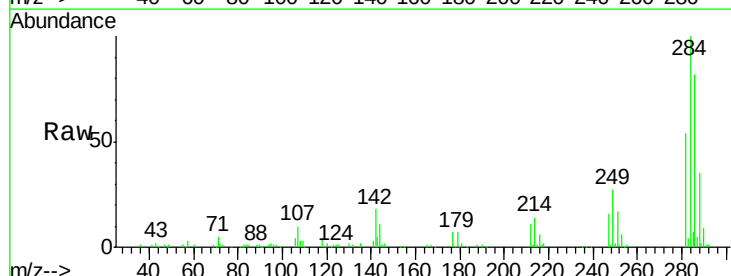
RT: 11.06 min Scan# 785

Delta R.T. 0.00 min

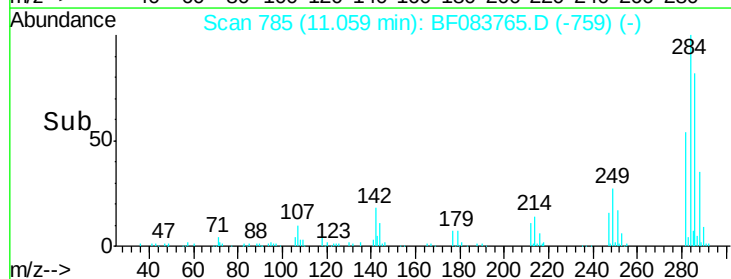
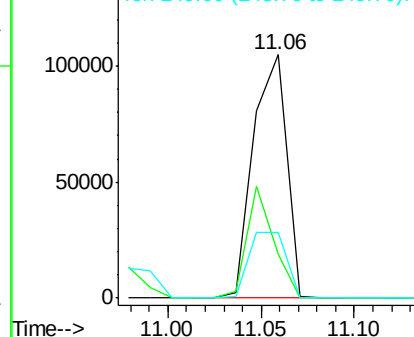
Lab File: BF083765.D

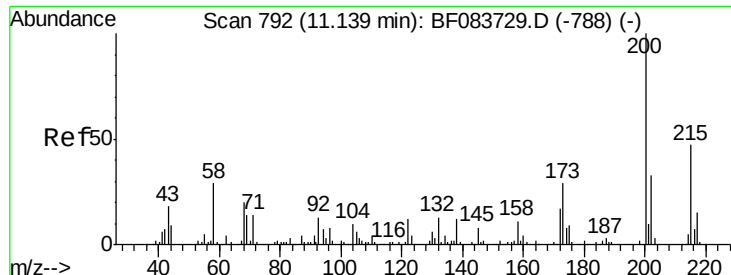
Acq: 14 Dec 2015 8:21

Tgt Ion:	284	Resp:	129359
Ion Ratio	Lower	Upper	
284	100		
142	18.0	31.0	46.4#
249	27.1	26.9	40.3



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





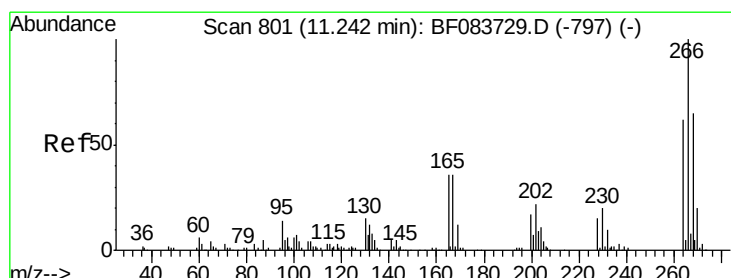
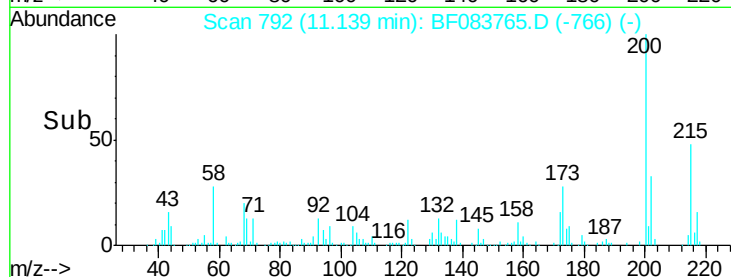
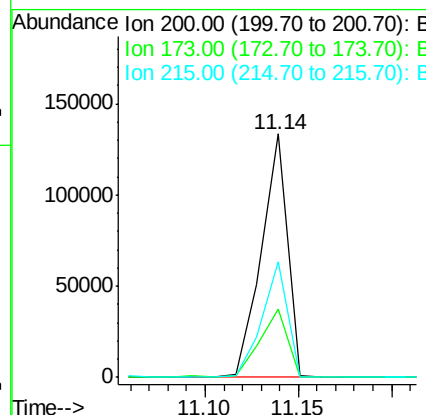
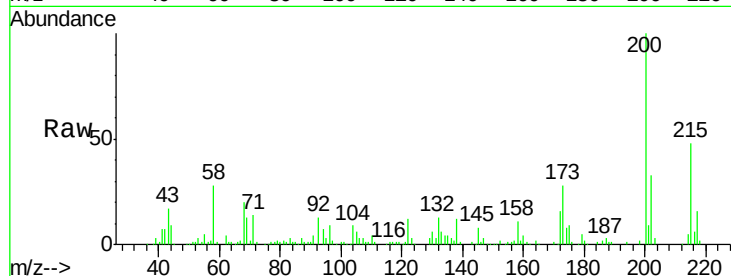
#68
Atrazine
Concen: 48.58 ng
RT: 11.14 min Scan# 792
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.1	7.8	47.8
215	47.6	25.7	65.7

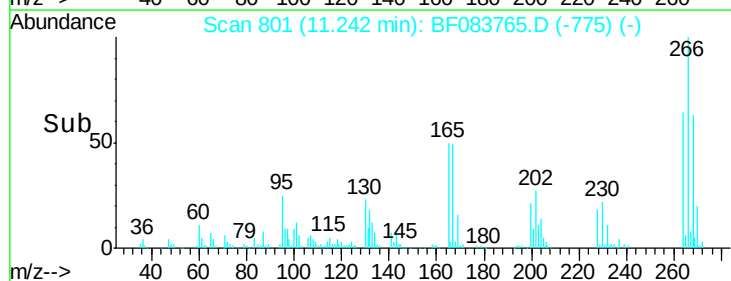
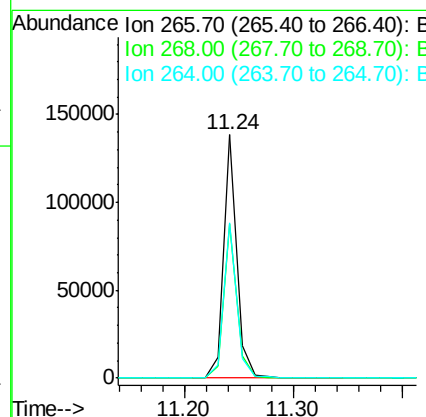
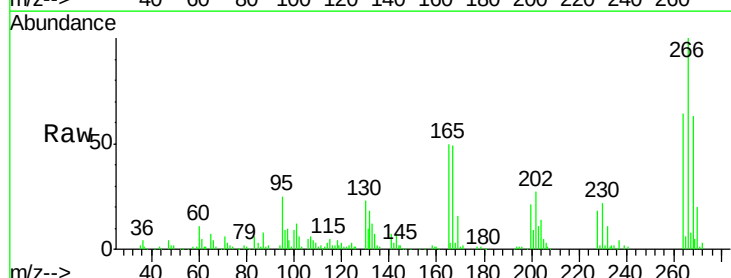
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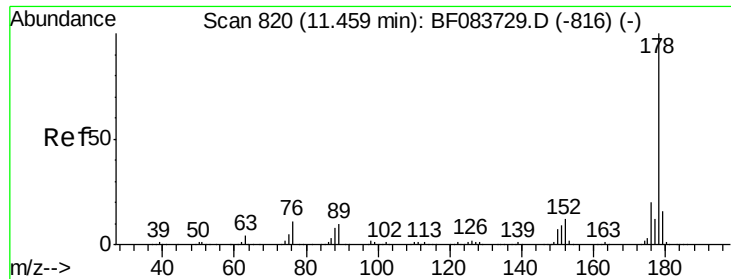
MMdadoda
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#69
Pentachlorophenol
Concen: 64.05 ng
RT: 11.24 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.2	50.2	75.2
264	64.0	51.4	77.2





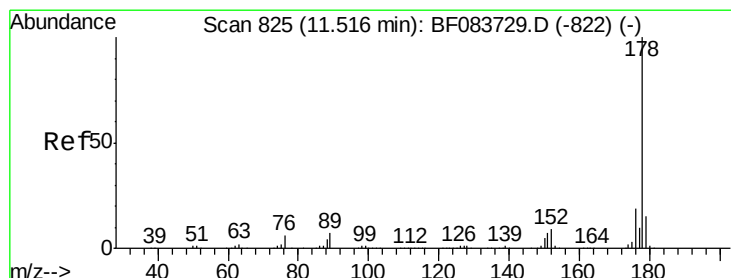
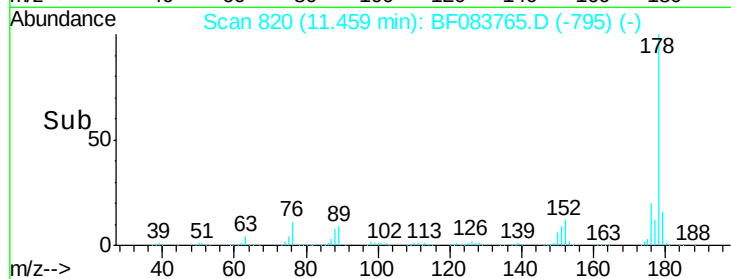
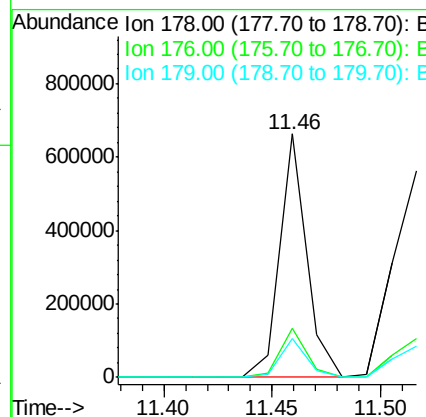
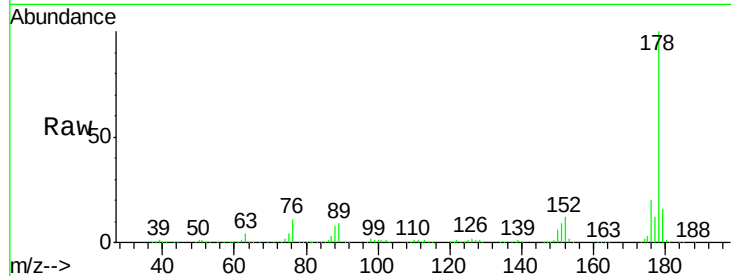
#70
Phenanthrene
Concen: 40.16 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.7	23.5
179	15.9	12.2	18.4

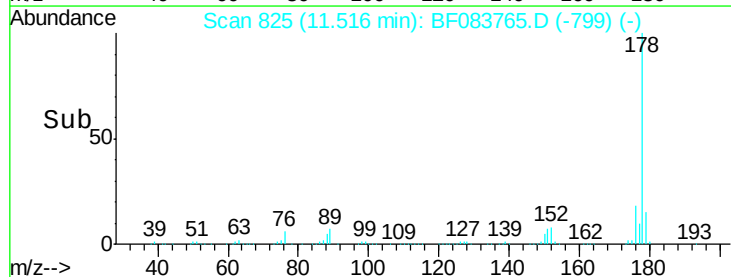
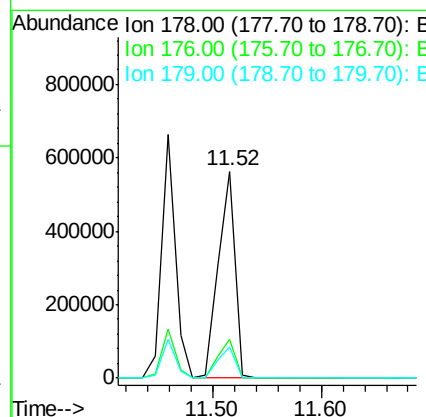
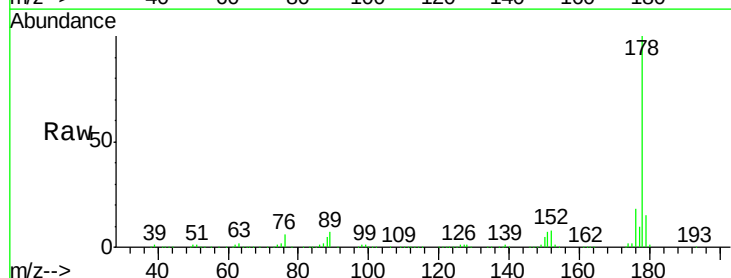
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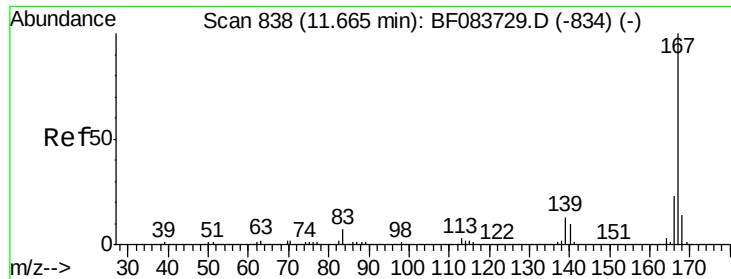
MMdadoda
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#71
Anthracene
Concen: 40.95 ng
RT: 11.52 min Scan# 825
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.2	12.6	18.8





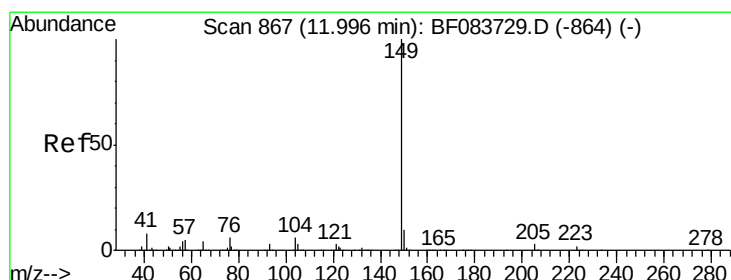
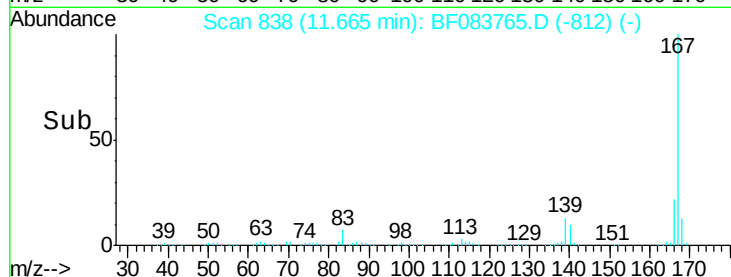
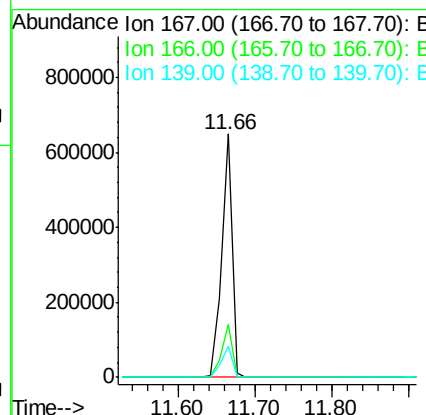
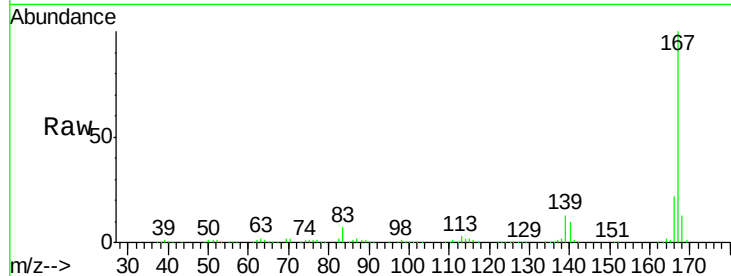
#72
 Carbazole
 Concen: 43.38 ng
 RT: 11.66 min Scan# 838
 Delta R.T. 0.00 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.2	25.8
139	13.0	9.3	13.9

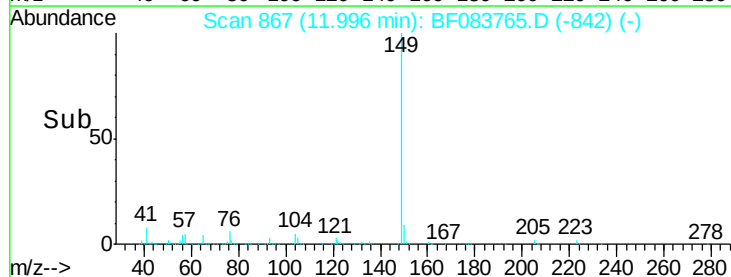
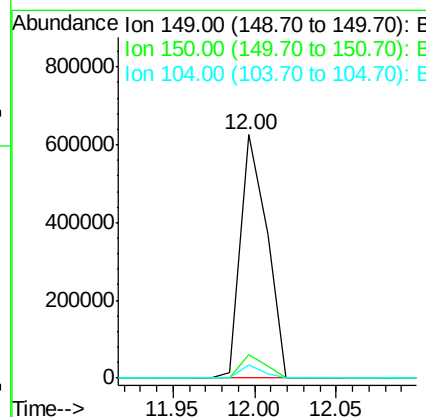
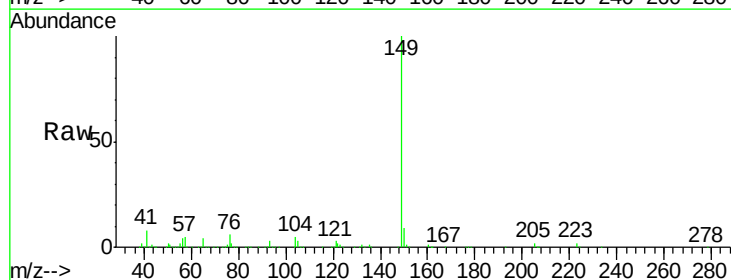
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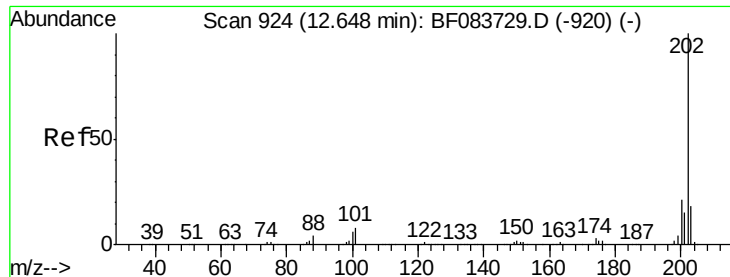
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#73
 Di-n-butylphthalate
 Concen: 41.02 ng
 RT: 12.00 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.8	11.6
104	5.4	3.9	5.9





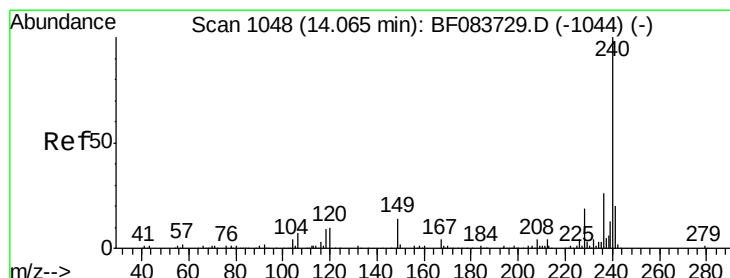
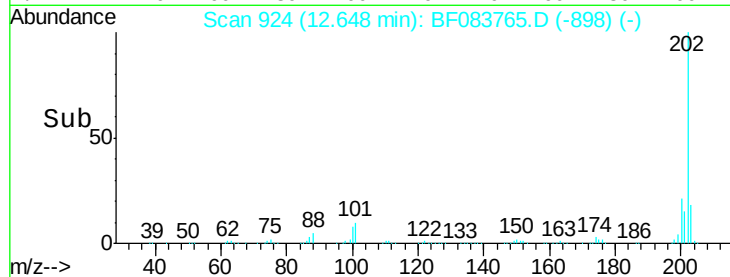
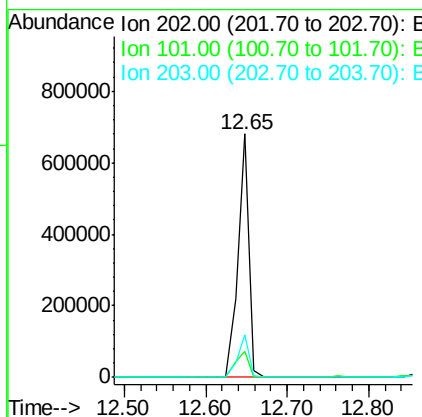
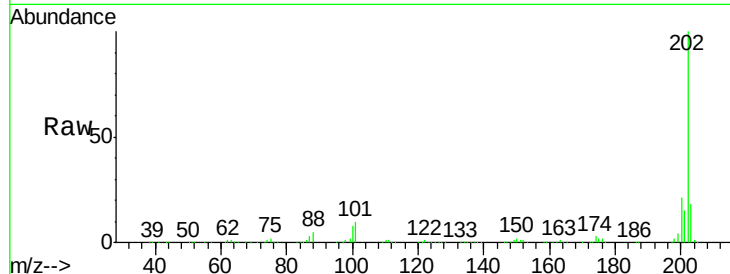
#74
Fluoranthene
Concen: 42.73 ng
RT: 12.65 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	31.5
203	17.6	0.0	37.6

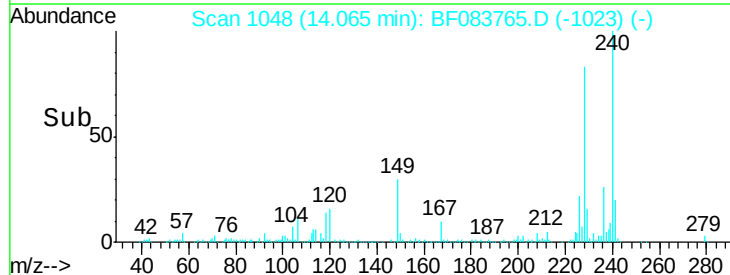
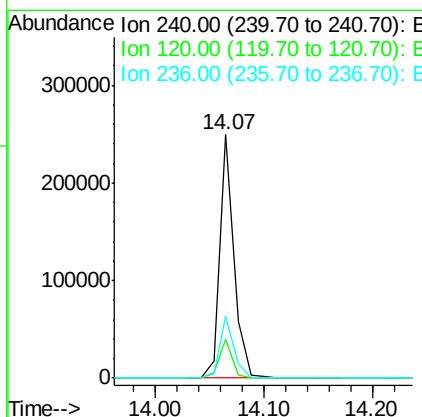
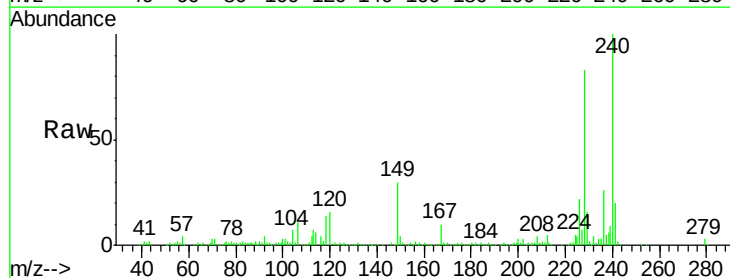
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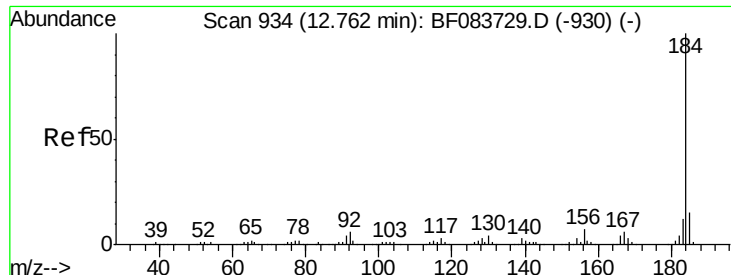
MMdadoda
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.8	8.1	12.1#
236	25.6	20.8	31.2





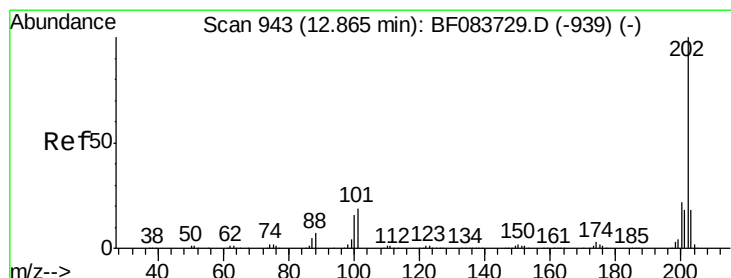
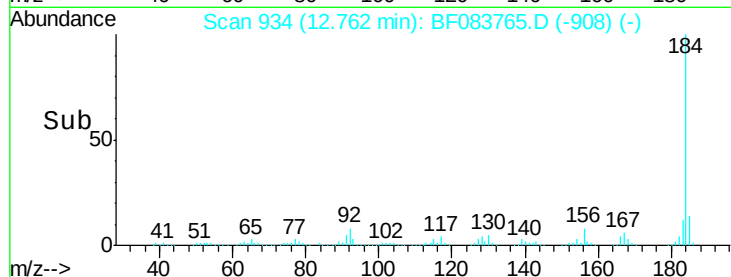
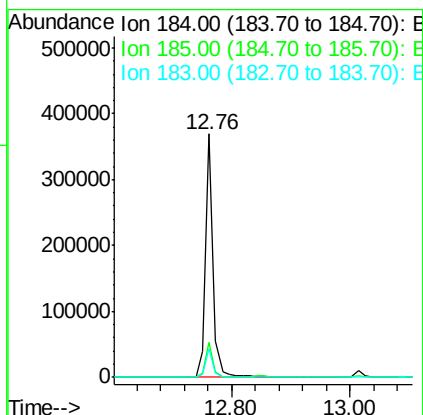
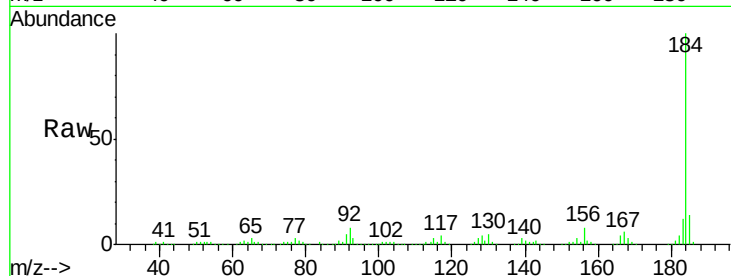
#76
Benzidine
Concen: 48.97 ng
RT: 12.76 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.5	13.0	19.6	
183	11.9	9.0	13.4	

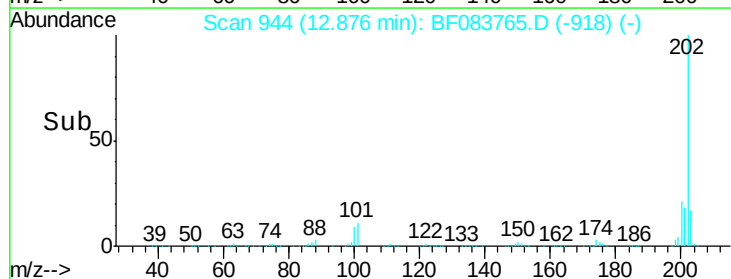
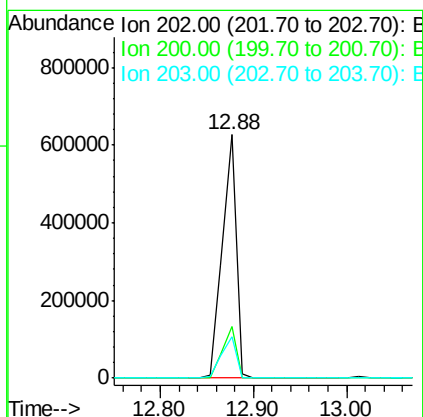
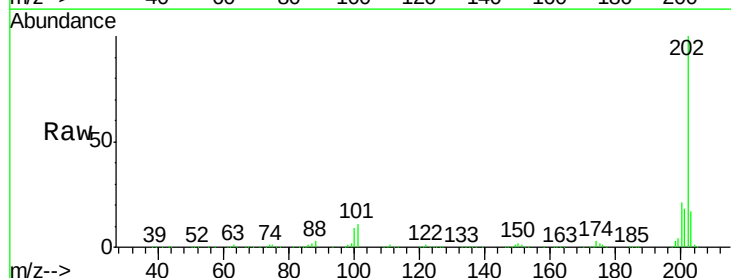
Manual Integrations
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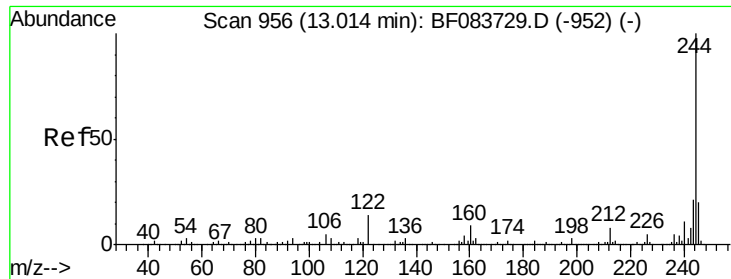
MMdadoda
12/14/2015 6:23:52 PM



#77
Pyrene
Concen: 35.84 ng
RT: 12.88 min Scan# 944
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1	16.7	25.1	
203	17.2	14.3	21.5	





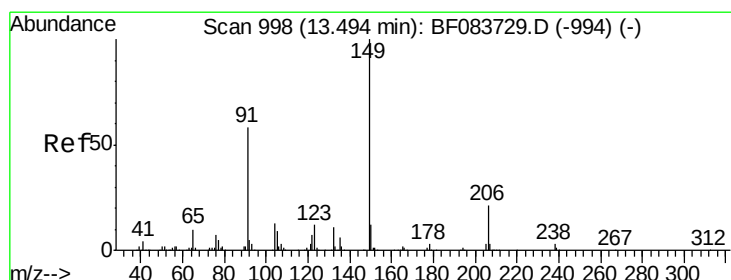
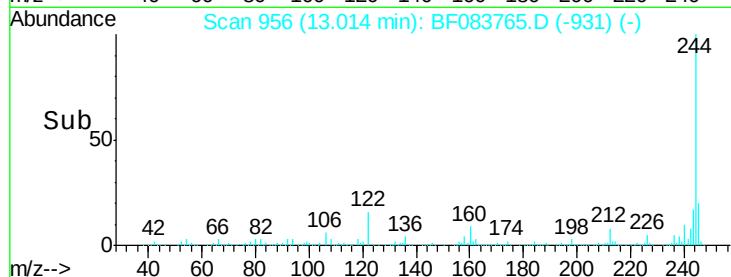
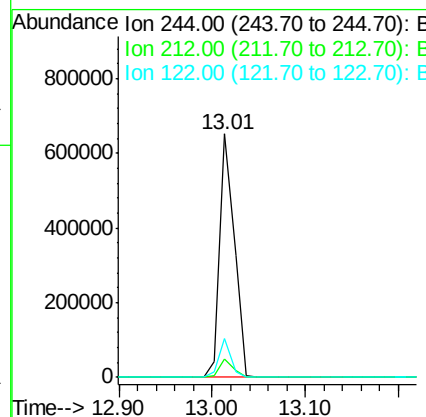
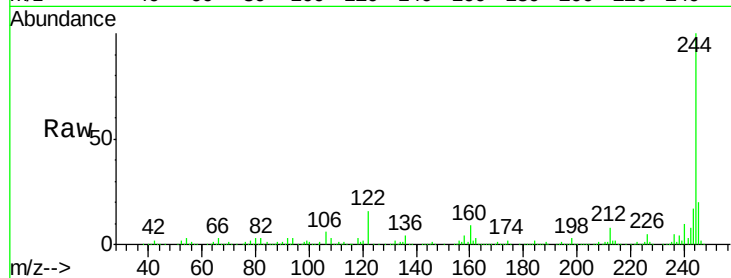
#78
 Terphenyl-d14
 Concen: 66.87 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.1	9.1
122	15.7	11.0	16.6

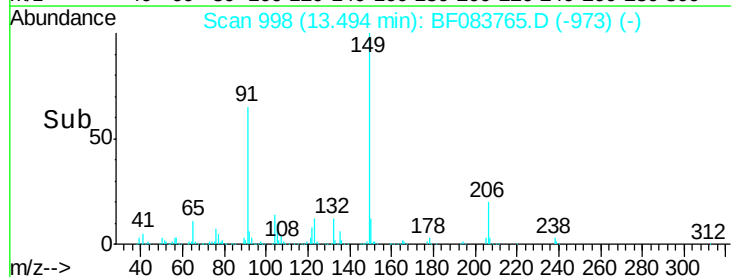
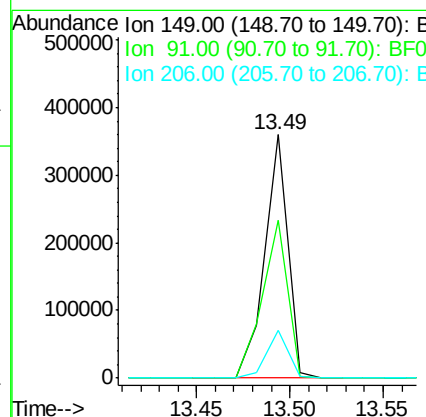
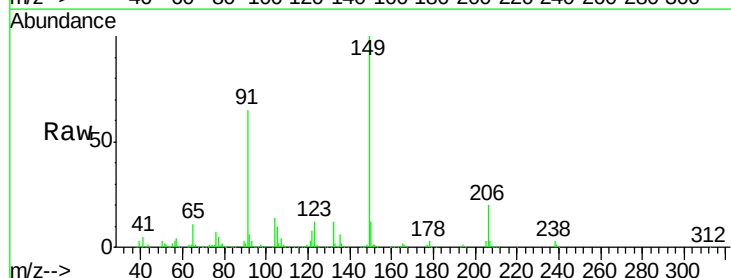
Manual Integrations
 APPROVED

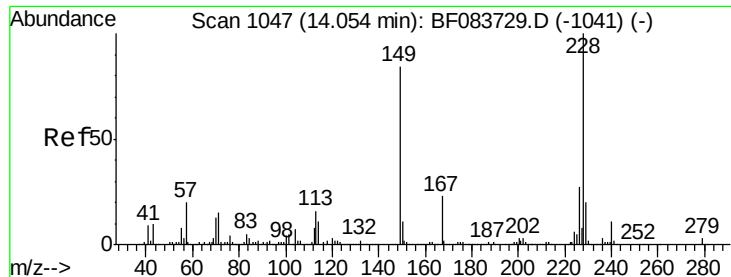
MMdadoda
 12/14/2015 6:23:52 PM



#79
 Butylbenzylphthalate
 Concen: 39.79 ng
 RT: 13.49 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF083765.D
 Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.1	60.0	90.0
206	19.5	16.2	24.4





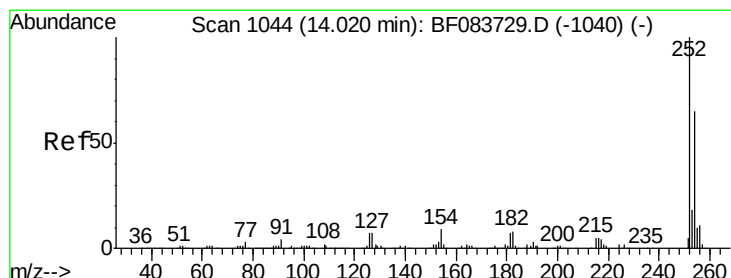
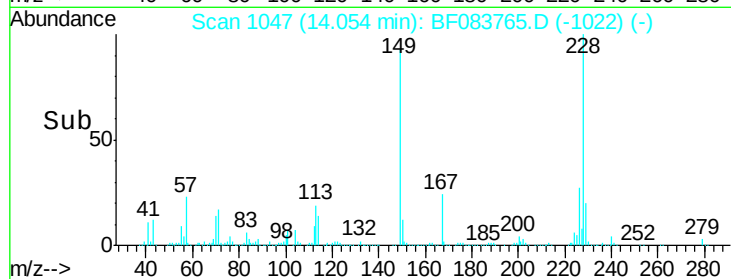
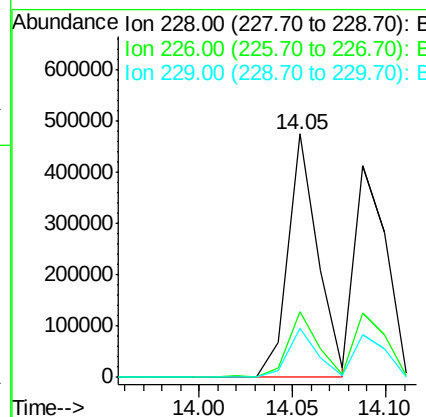
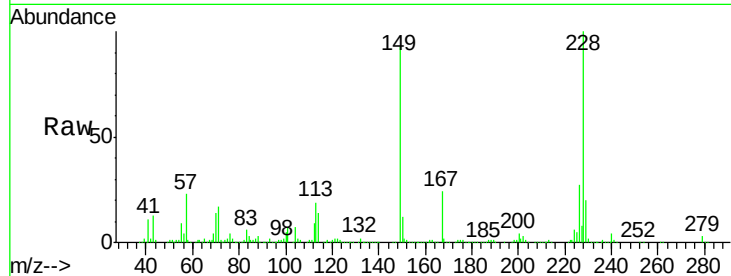
#80
Benzo(a)anthracene
Concen: 40.90 ng
RT: 14.05 min Scan# 1047
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.9	15.7	23.5

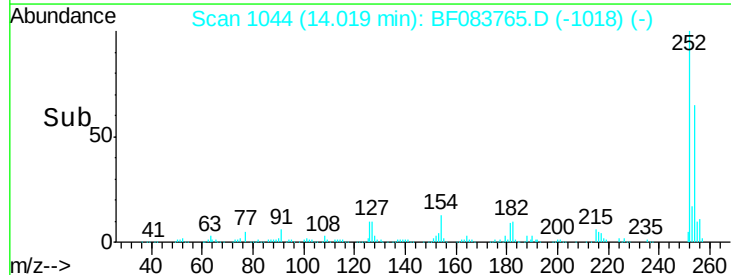
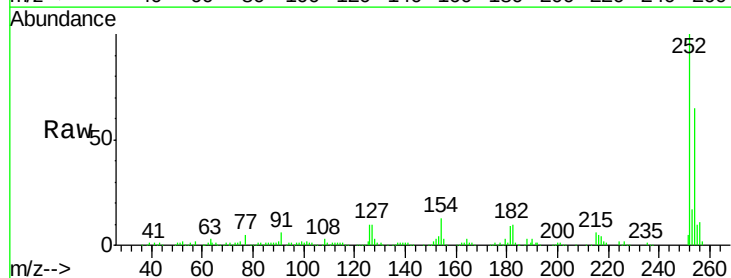
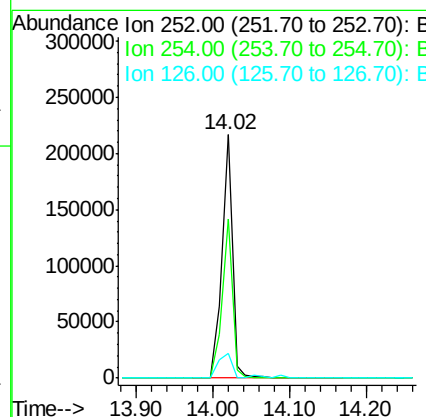
Manual Integrations
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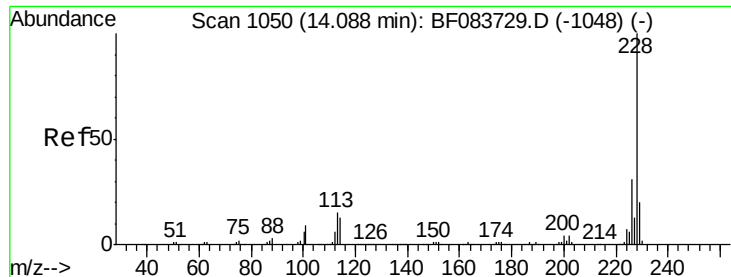
MMdadoda
12/14/2015 6:23:52 PM



#81
3,3'-Dichlorobenzidine
Concen: 44.06 ng
RT: 14.02 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	50.6	76.0
126	10.0	11.0	16.4





#82

Chrysene

Concen: 39.34 ng

RT: 14.09 min Scan# 1050

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

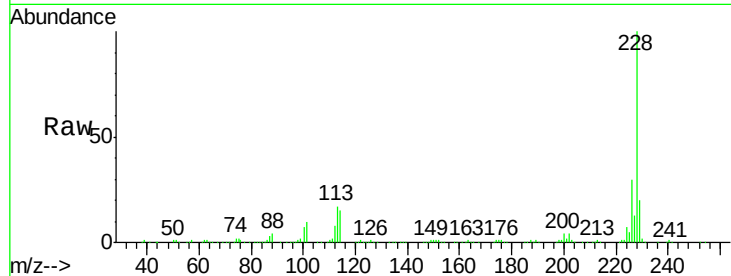
ClientSampleId :

SB-04(0-0.16)MSD

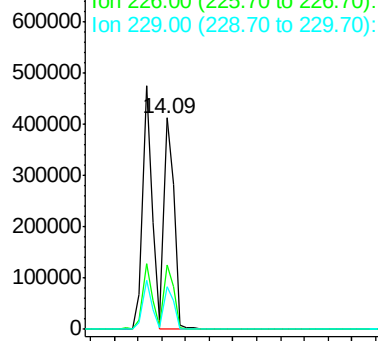
Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		496336		
226	30.3	24.7	37.1		
229	20.4	16.3	24.5		

Manual Integrations
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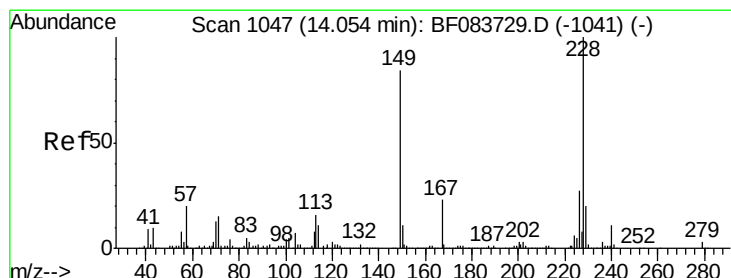
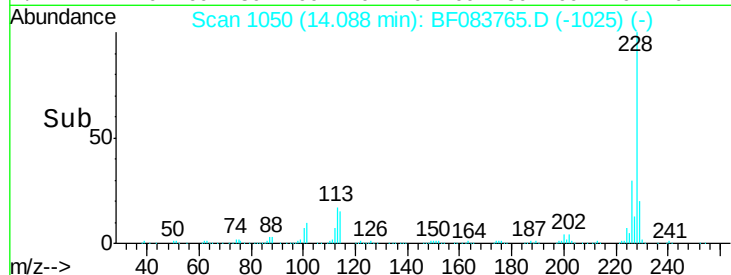
MMdadoda
12/14/2015 6:23:52 PM



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



Time-->



#83

Bis(2-ethylhexyl)phthalate

Concen: 43.90 ng

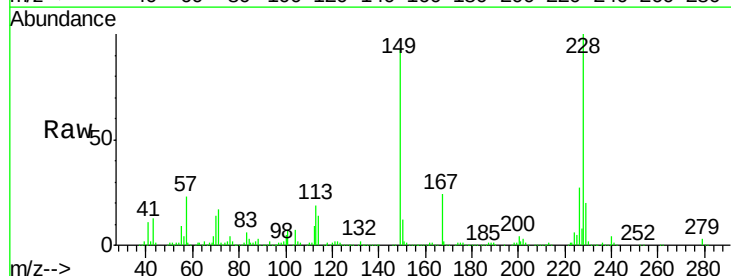
RT: 14.05 min Scan# 1047

Delta R.T. -0.01 min

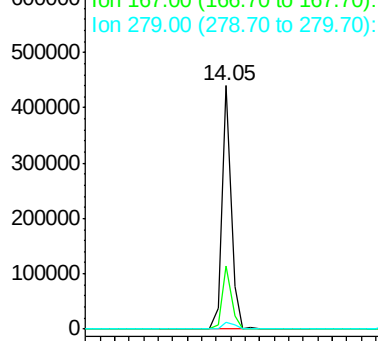
Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

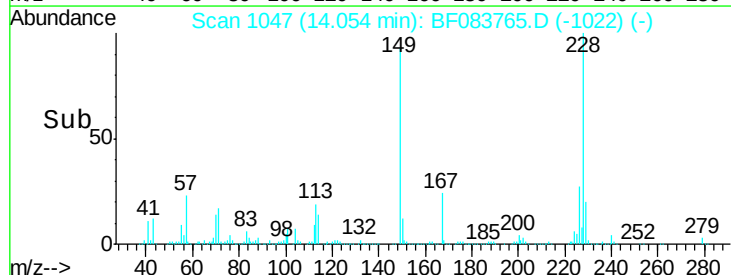
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		385542		
167	25.9	21.8	32.8		
279	2.8	3.0	4.4#		

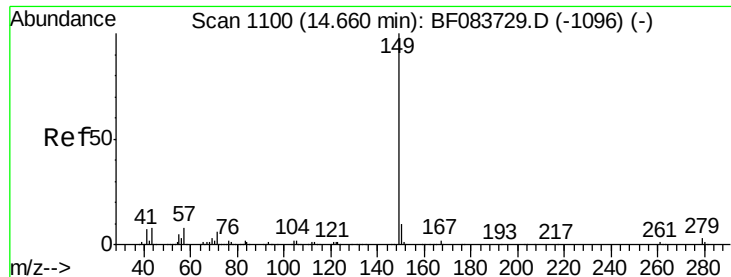


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time-->





#84

Di-n-octyl phthalate

Concen: 51.84 ng

RT: 14.66 min Scan# 1100

Delta R.T. -0.01 min

Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Instrument :

BNA_F

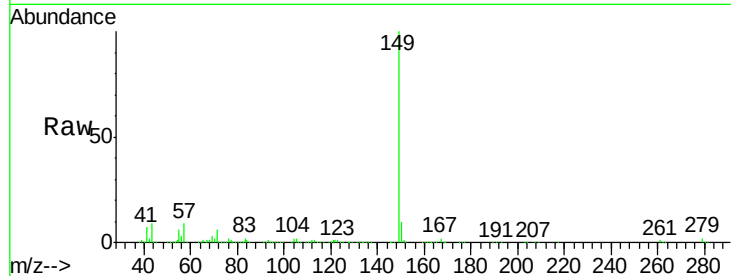
ClientSampleId :

SB-04(0-0.16)MSD

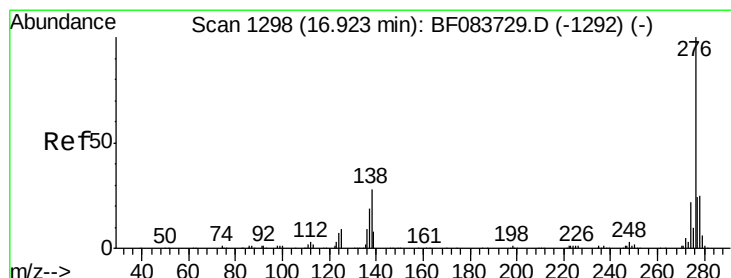
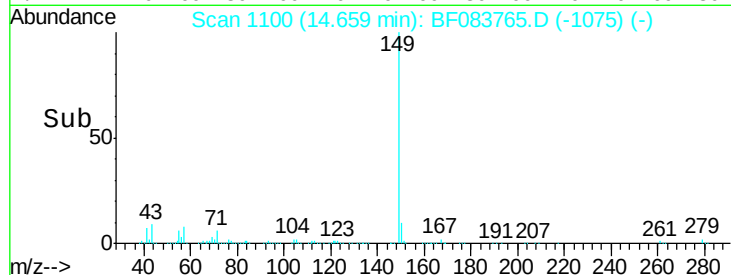
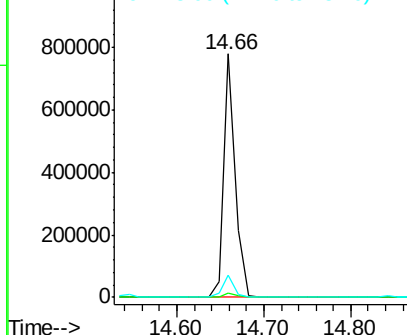
Tot Ion:	149	Resp:	723364
Ion Ratio	Lower	Upper	
149	100		
167	1.7	0.0	0.0#
43	8.5	0.0	0.0#

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 35.91 ng

RT: 16.93 min Scan# 1299

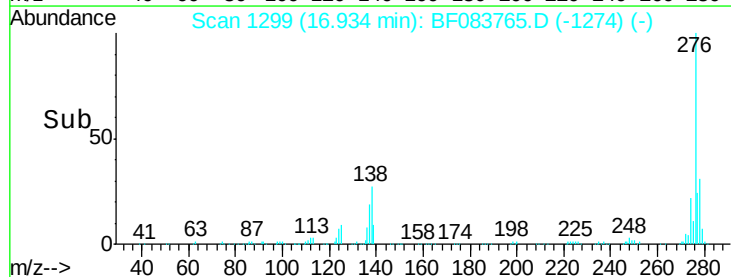
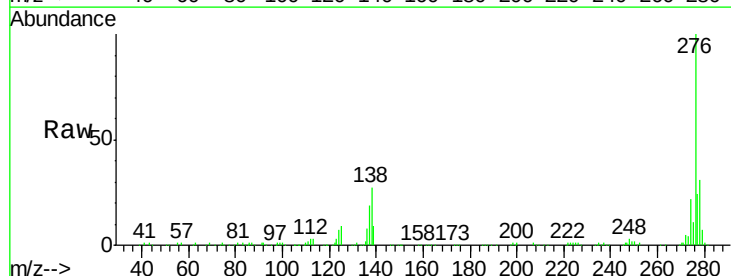
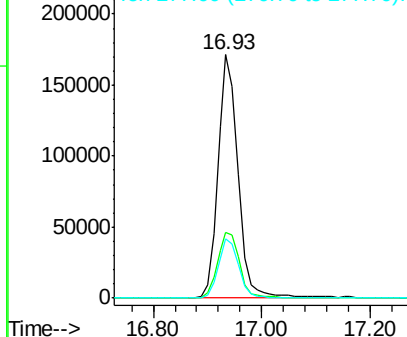
Delta R.T. -0.01 min

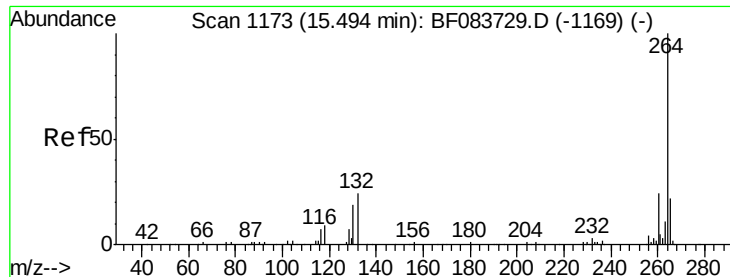
Lab File: BF083765.D

Acq: 14 Dec 2015 8:21

Tgt Ion:	276	Resp:	444946
Ion Ratio	Lower	Upper	
276	100		
138	30.0	0.0	0.0#
277	25.3	0.0	0.0#

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





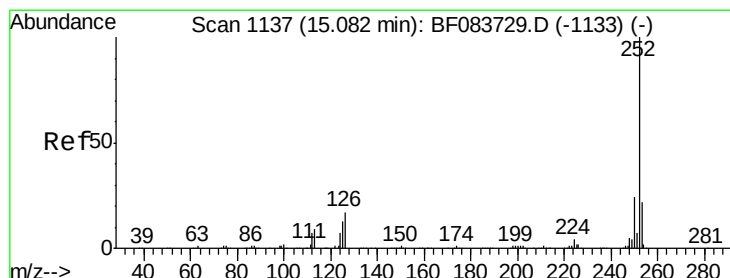
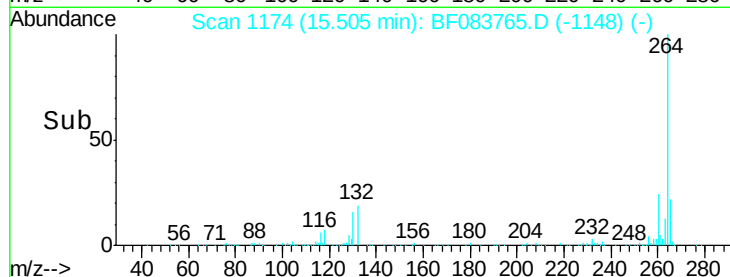
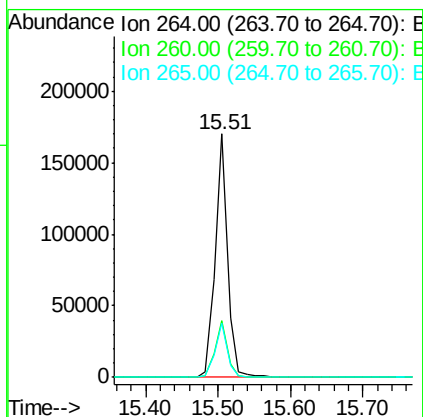
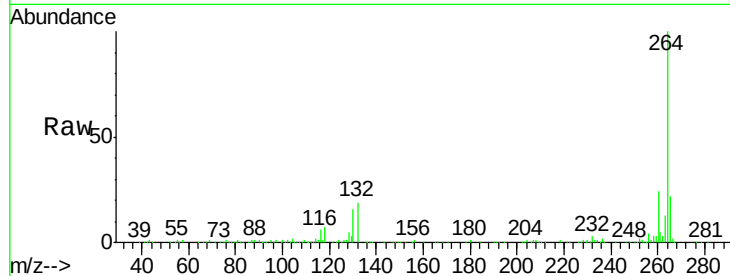
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.4	29.0
265	22.0	17.8	26.6

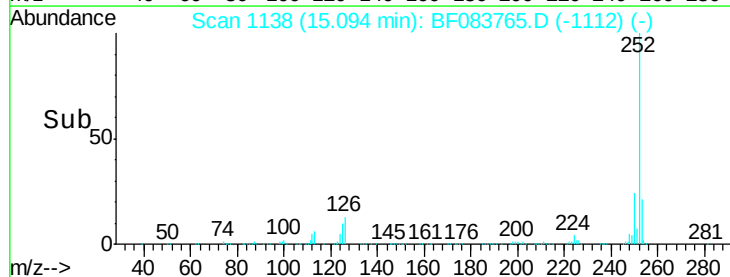
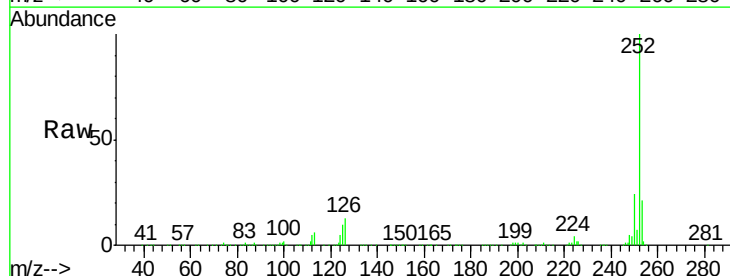
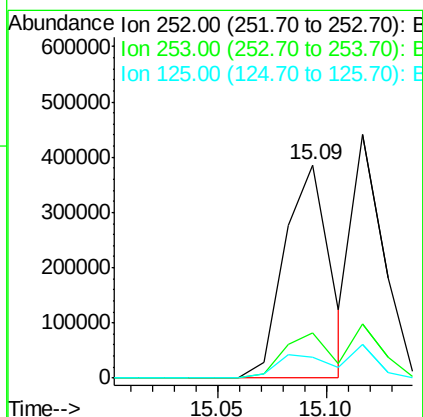
Manual Integrations
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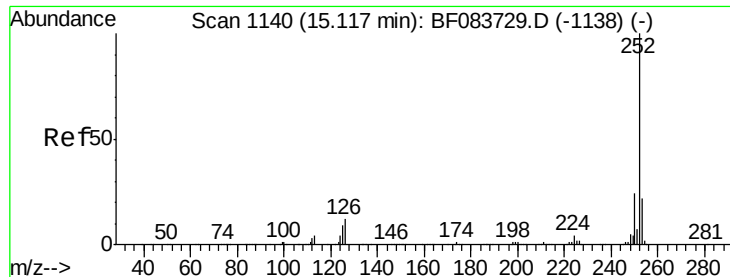
MMdadoda
12/14/2015 6:23:52 PM



#87
Benzo(b)fluoranthene
Concen: 43.33 ng
RT: 15.09 min Scan# 1138
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.4
125	9.7	8.2	12.4





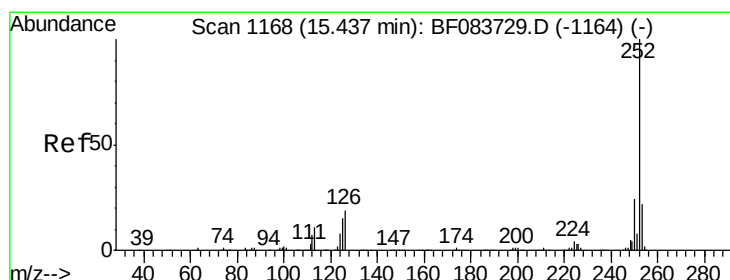
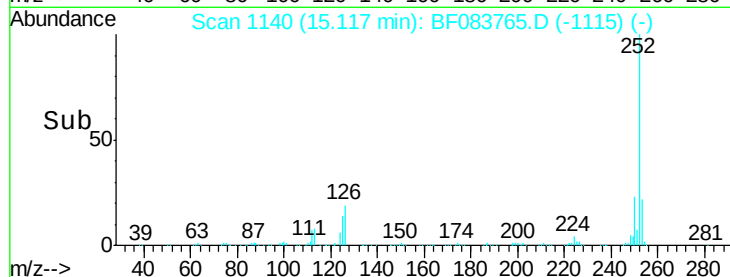
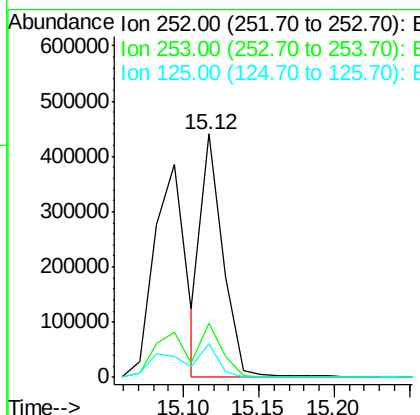
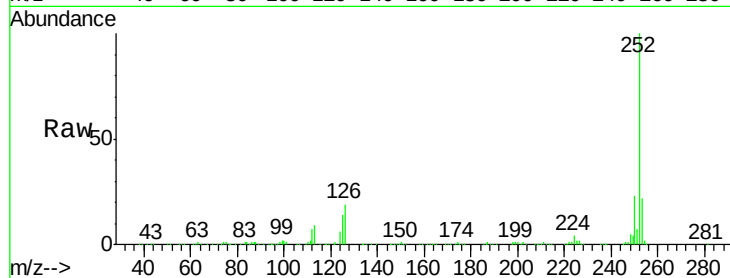
#88
Benzo(k)fluoranthene
Concen: 38.45 ng m
RT: 15.12 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.6	27.8
125	13.7	11.5	17.3

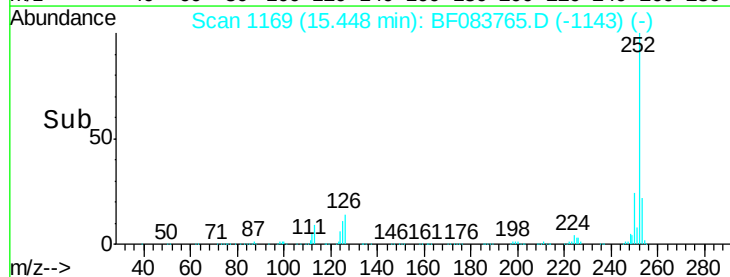
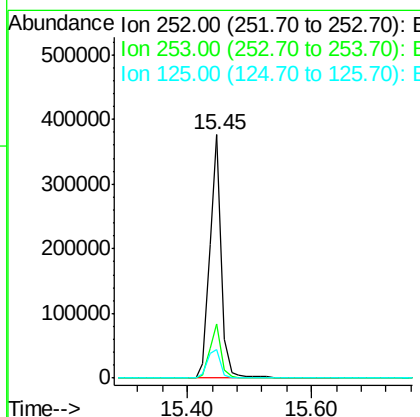
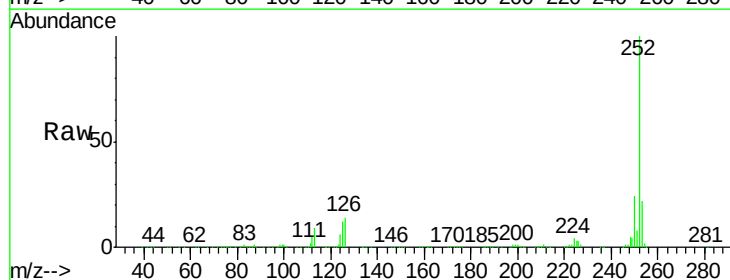
Manual Integrations
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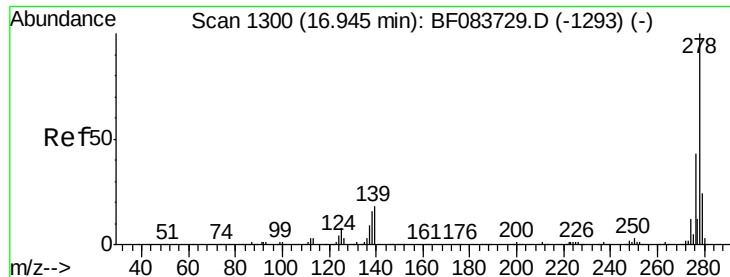
MMdadoda
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#89
Benzo(a)pyrene
Concen: 41.18 ng
RT: 15.45 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.5	26.3
125	11.5	11.0	16.6





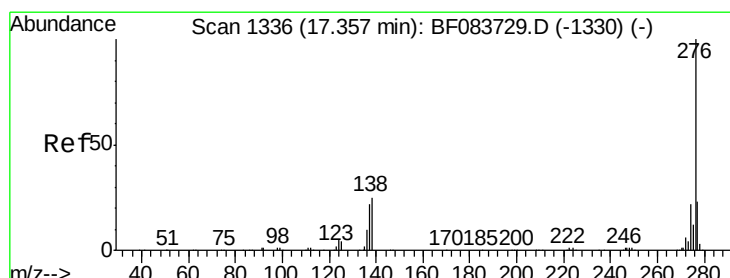
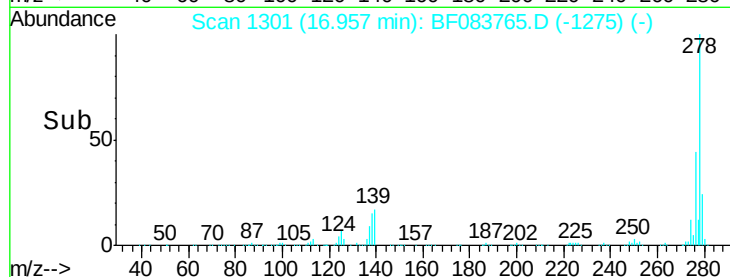
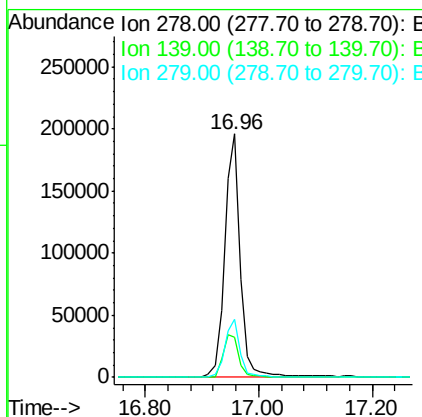
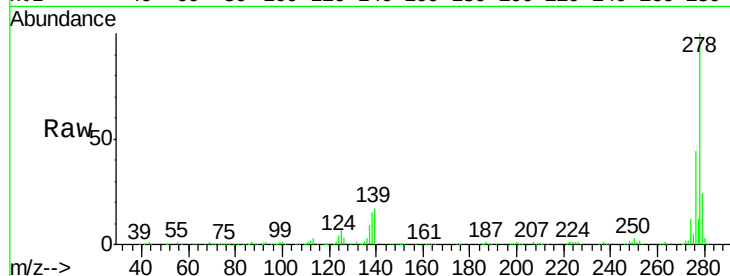
#90
Dibenzo(a,h)anthracene
Concen: 32.91 ng
RT: 16.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Instrument :
BNA_F
ClientSampleId :
SB-04(0-0.16)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.6	12.8	19.2
279	24.1	18.6	28.0

Manual Integrations
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12/14/2015 6:23:52 PM



#91
Benzo(g,h,i)perylene
Concen: 29.78 ng
RT: 17.37 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF083765.D
Acq: 14 Dec 2015 8:21

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.2	28.8
138	23.2	19.5	29.3

