

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
 Data File : BF083336.D
 Acq On : 27 Nov 2015 18:57
 Operator : UM/IZ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Manual Integrations
 APPROVED

Mmdadoda
 12/1/2015 5:23:02 PM

Quant Time: Nov 27 19:25:38 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 27 19:11:49 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	156327	20.00	ng	0.00
21) Naphthalene-d8	7.85	136	588245	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	298098	20.00	ng	0.00
63) Phenanthrene-d10	11.07	188	531981	20.00	ng	0.00
75) Chrysene-d12	13.69	240	345609	20.00	ng	0.00
86) Perylene-d12	15.04	264	311600	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	812449	75.82	ng	0.00
7) Phenol-d6	6.23	99	1064221	75.69	ng	-0.01
23) Nitrobenzene-d5	7.14	82	1060753	79.66	ng	0.00
41) 2,4,6-Tribromophenol	10.39	330	212793	77.14	ng	0.00
44) 2-Fluorobiphenyl	8.94	172	1583924	75.85	ng	0.00
78) Terphenyl-d14	12.65	244	1228183	72.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	11367m	51.80	ng	
3) Pyridine	2.59	79	573996	42.54	ng	84
4) n-Nitrosodimethylamine	2.55	42	278759	41.05	ng	90
6) Aniline	6.23	93	742117	38.67	ng	100
8) 2-Chlorophenol	6.35	128	447928	38.89	ng	93
9) Benzaldehyde	6.10	77	278310	40.15	ng	98
10) Phenol	6.25	94	604711	35.62	ng	# 71
11) bis(2-Chloroethyl)ether	6.31	93	470348	37.48	ng	95
12) 1,3-Dichlorobenzene	6.50	146	506412m	39.97	ng	
13) 1,4-Dichlorobenzene	6.58	146	520656	39.44	ng	95
14) 1,2-Dichlorobenzene	6.73	146	432865	35.62	ng	95
15) Benzyl Alcohol	6.73	79	430280	39.67	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.86	45	818824	37.65	ng	98
17) 2-Methylphenol	6.86	107	380712	40.42	ng	93
18) Hexachloroethane	7.07	117	178640	37.94	ng	# 83
19) n-Nitroso-di-n-propylamine	6.99	70	359793	36.22	ng	96
20) 3+4-Methylphenols	7.02	107	503046	39.50	ng	98
22) Acetophenone	6.99	105	664813	38.19	ng	# 92
24) Nitrobenzene	7.15	77	504245	35.27	ng	97
25) Isophorone	7.40	82	965837	37.65	ng	99
26) 2-Nitrophenol	7.47	139	220548	37.23	ng	# 82
27) 2,4-Dimethylphenol	7.54	122	381711	38.89	ng	90
28) bis(2-Chloroethoxy)methane	7.62	93	569405	39.26	ng	99
29) 2,4-Dichlorophenol	7.72	162	356136	37.95	ng	95
30) 1,2,4-Trichlorobenzene	7.80	180	386555	37.81	ng	98
31) Naphthalene	7.87	128	1208773	37.53	ng	99
32) Benzoic acid	7.68	122	192158	38.51	ng	92
33) 4-Chloroaniline	7.94	127	529805	39.66	ng	# 88
34) Hexachlorobutadiene	8.00	225	221513	37.80	ng	99
35) Caprolactam	8.32	113	112951	42.30	ng	88
36) 4-Chloro-3-methylphenol	8.43	107	362974	35.34	ng	# 83
37) 2-Methylnaphthalene	8.57	142	808993	38.88	ng	95
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	343724	35.51	ng	99
40) Hexachlorocyclopentadiene	8.73	237	167110	35.14	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	260252	38.87	nq	98
43) 2,4,5-Trichlorophenol	8.90	196	257181	37.68	nq	97
45) 1,1'-Biphenyl	9.03	154	921221	34.92	nq	96
46) 2-Chloronaphthalene	9.05	162	738875	36.78	nq	95
47) 2-Nitroaniline	9.15	65	266137	34.64	nq	94
48) Acenaphthylene	9.46	152	1226564	39.13	nq	100
49) Dimethylphthalate	9.35	163	906932	40.18	nq	99
50) 2,6-Dinitrotoluene	9.40	165	203956	40.19	nq	# 68
51) Acenaphthene	9.63	154	699324	38.26	nq	100
52) 3-Nitroaniline	9.58	138	214691	36.97	nq	99
53) 2,4-Dinitrophenol	9.68	184	73958	45.62	nq	# 82
54) Dibenzofuran	9.80	168	983685	37.72	nq	100
55) 4-Nitrophenol	9.76	139	129302	41.29	nq	# 81
56) 2,4-Dinitrotoluene	9.80	165	259469	41.26	nq	85
57) Fluorene	10.15	166	849989	40.26	nq	100
58) 2,3,4,6-Tetrachlorophenol	9.93	232	196545	37.04	nq	98
59) Diethylphthalate	10.03	149	805909	37.36	nq	95
60) 4-Chlorophenyl-phenylether	10.15	204	374102	38.21	nq	# 79
61) 4-Nitroaniline	10.18	138	208942	39.10	nq	93
62) Azobenzene	10.30	77	1007763	37.19	nq	94
64) 4,6-Dinitro-2-methylphenol	10.20	198	123097	37.31	nq	# 45
65) n-Nitrosodiphenylamine	10.26	169	673023	34.84	nq	99
66) 4-Bromophenyl-phenylether	10.63	248	229042	38.14	nq	# 92
67) Hexachlorobenzene	10.70	284	246036	36.67	nq	# 77
68) Atrazine	10.80	200	208616	39.20	nq	98
69) Pentachlorophenol	10.89	266	133531	40.20	nq	95
70) Phenanthrene	11.10	178	1162592	37.11	nq	100
71) Anthracene	11.15	178	1176610	36.77	nq	98
72) Carbazole	11.31	167	1057288	39.30	nq	99
73) Di-n-butylphthalate	11.66	149	1284073	39.92	nq	98
74) Fluoranthene	12.27	202	1069249	36.87	nq	99
76) Benzidine	12.41	184	448192	36.84	nq	97
77) Pyrene	12.50	202	1124357	39.38	nq	98
79) Butylbenzylphthalate	13.13	149	391444	36.84	nq	# 80
80) Benzo(a)anthracene	13.68	228	803021	36.72	nq	99
81) 3,3'-Dichlorobenzidine	13.66	252	255912	37.12	nq	# 98
82) Chrysene	13.71	228	719587	34.75	nq	98
83) Bis(2-ethylhexyl)phthalate	13.70	149	500830	37.13	nq	# 97
84) Di-n-octyl phthalate	14.31	149	805322	36.74	nq	96
85) Indeno(1,2,3-cd)pyrene	16.25	276	899883	37.33	nq	96
87) Benzo(b)fluoranthene	14.67	252	633913m	30.05	nq	
88) Benzo(k)fluoranthene	14.71	252	697017m	43.22	nq	
89) Benzo(a)pyrene	14.98	252	644470	38.00	nq	# 95
90) Dibenzo(a,h)anthracene	16.26	278	754205	39.66	nq	99
91) Benzo(g,h,i)perylene	16.61	276	758065	39.39	nq	# 94

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

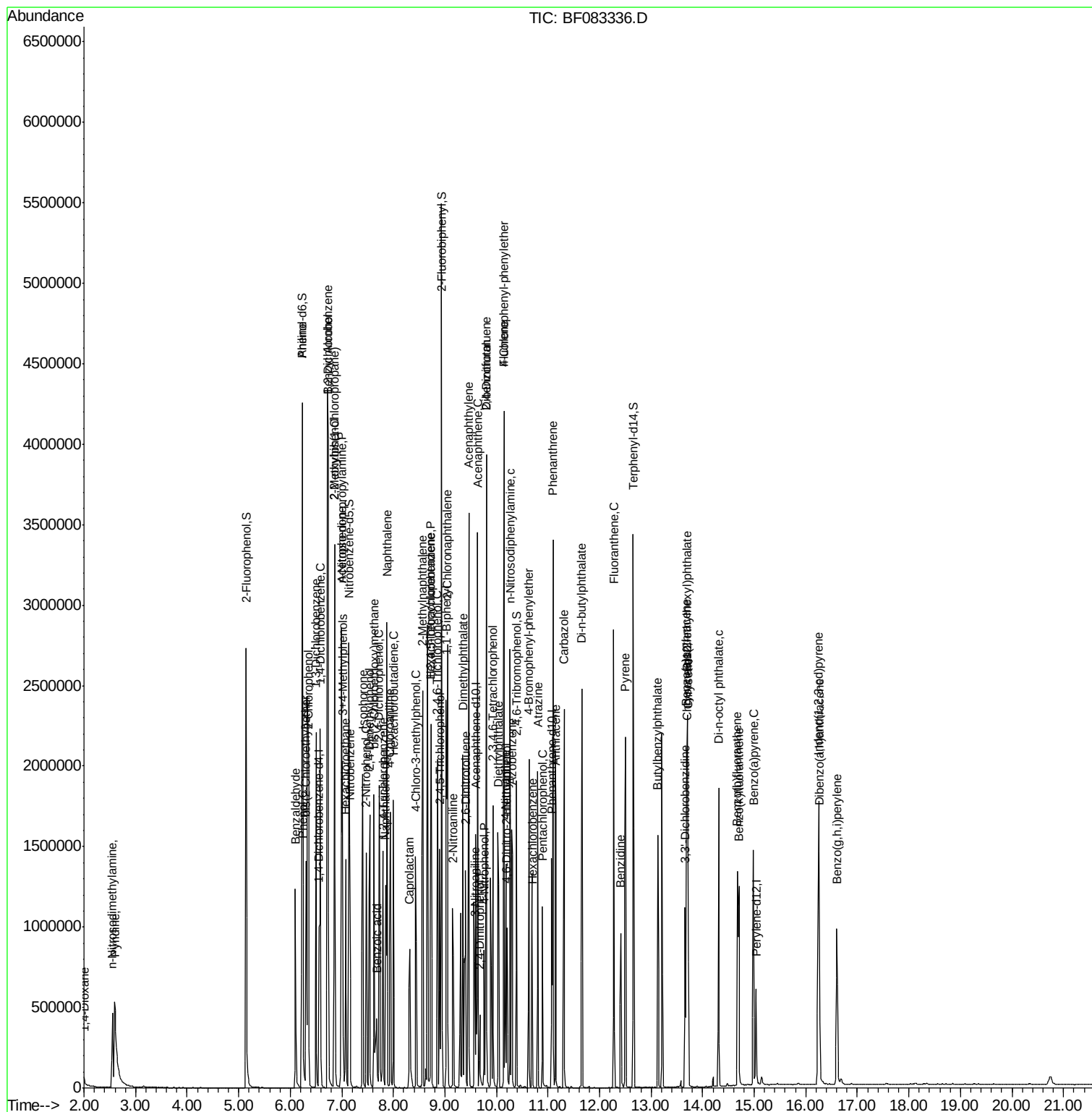
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Operator  : UM/IZ  
Sample    : SSTDICV040  
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ALS Vial  : 10      Sample Multiplier: 1
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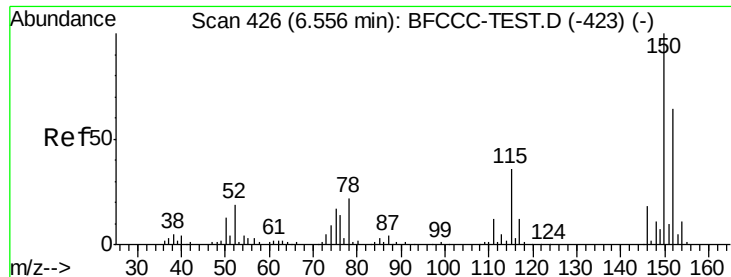
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

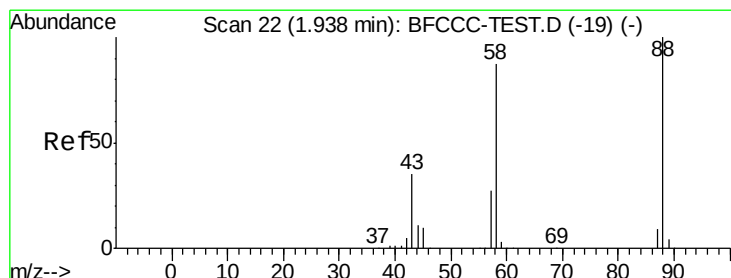
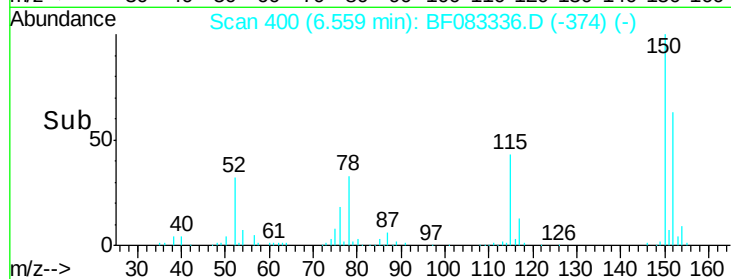
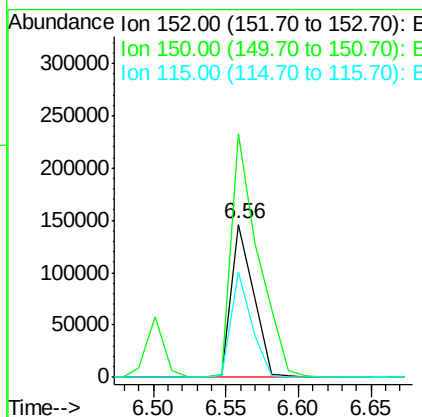
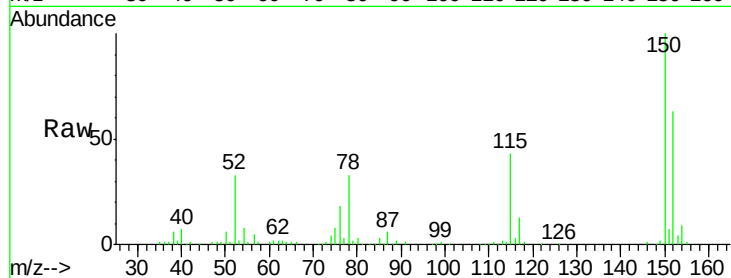
ClientSampleId :

ICVBF112715

Tot Ion:	152	Resp:	156327
Ion Ratio	Lower	Upper	
152	100		
150	158.8	125.8	188.8
115	68.6	46.9	70.3

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#2

1,4-Dioxane

Concen: 51.80 ng m

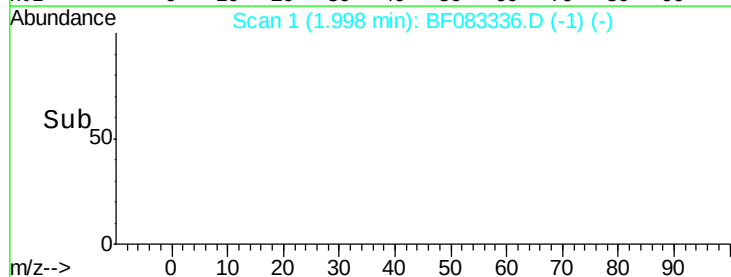
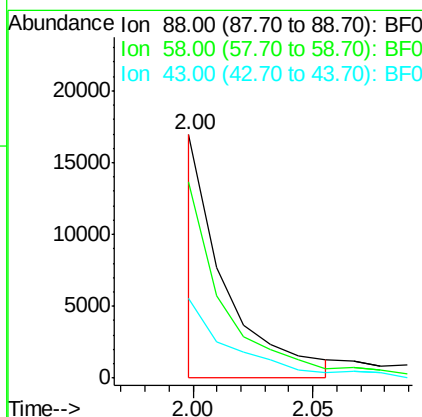
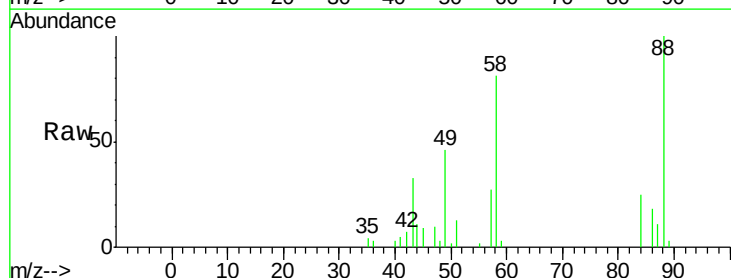
RT: 2.00 min Scan# 1

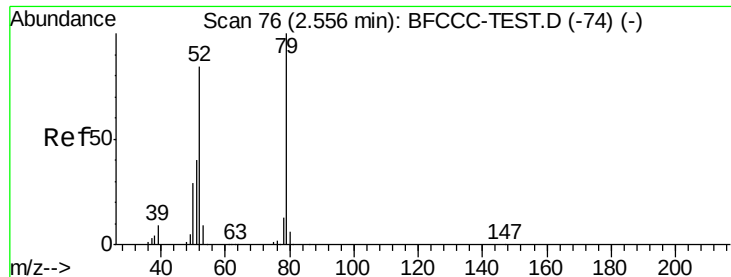
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	88	Resp:	11367
Ion Ratio	Lower	Upper	
88	100		
58	0.0	65.0	97.6#
43	0.0	24.7	37.1#





#3

Pvridine

Concen: 42.54 ng

RT: 2.59 min Scan# 53

Delta R.T. -0.01 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

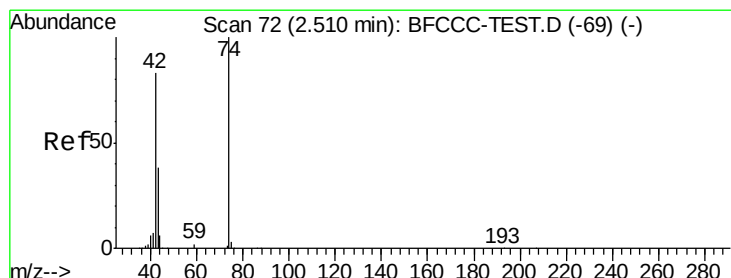
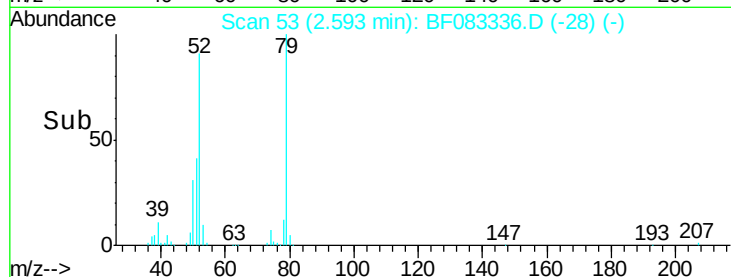
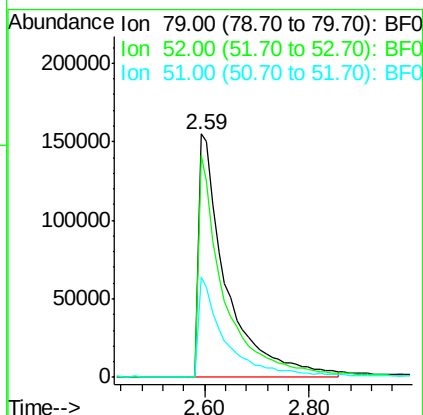
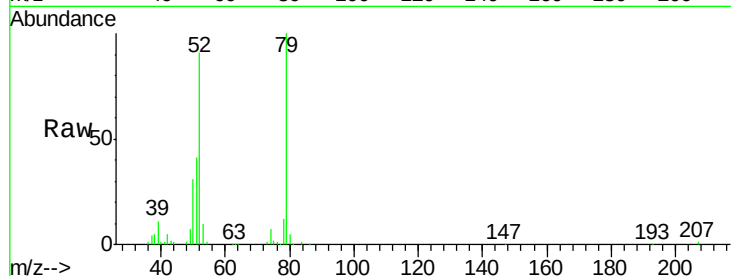
ClientSampleId :

ICVBF112715

Tot Ion:	79	Resp:	573996
Ion	Ratio	Lower	Upper
79	100		
52	90.9	60.7	91.1
51	41.4	27.9	41.9

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 41.05 ng

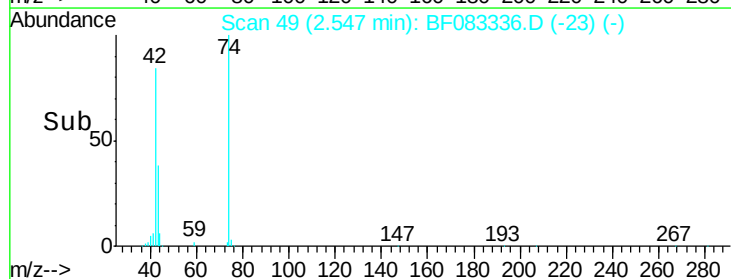
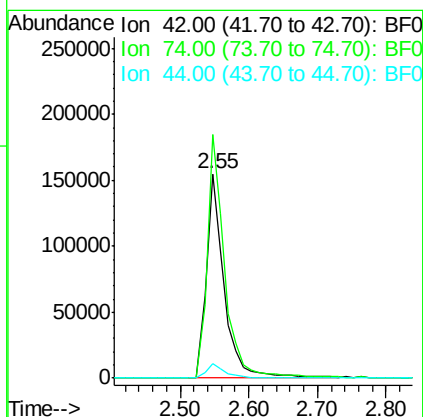
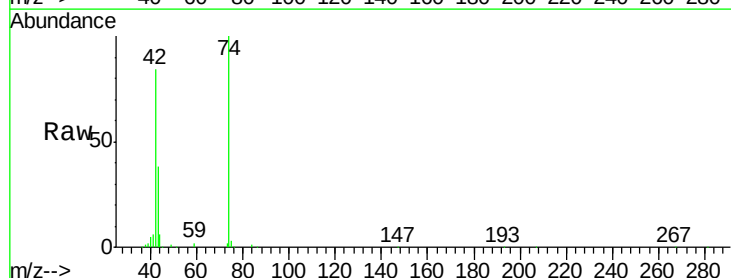
RT: 2.55 min Scan# 49

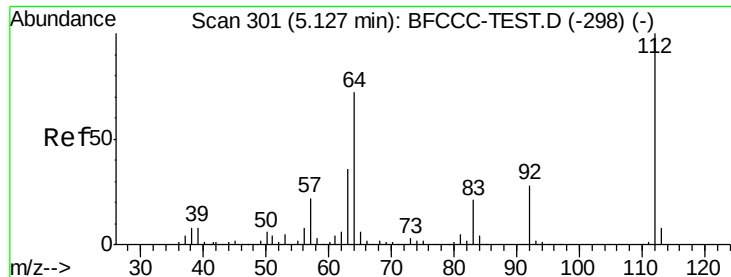
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	42	Resp:	278759
Ion	Ratio	Lower	Upper
42	100		
74	119.3	104.8	157.2
44	6.8	6.2	9.4





#5

2-Fluorophenol

Concen: 75.82 ng

RT: 5.14 min Scan# 276

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

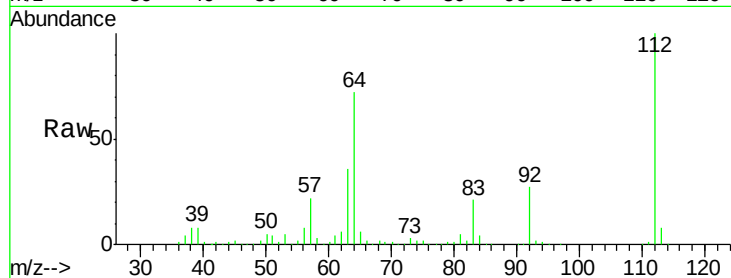
ClientSampleId :

ICVBF112715

Tot Ion:	112	Resp:	812449
Ion Ratio	Lower	Upper	
112	100		
64	71.5	58.4	87.6
63	36.4	30.0	45.0

Manual Integrations
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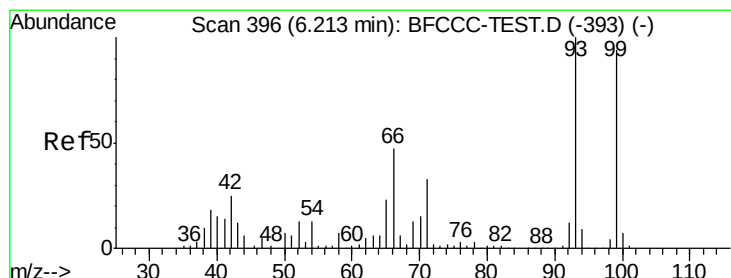
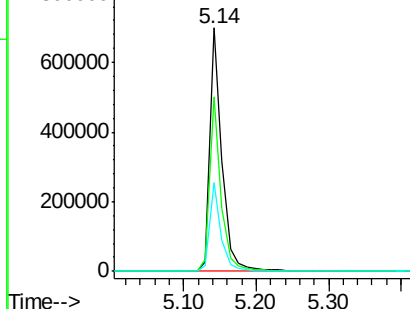
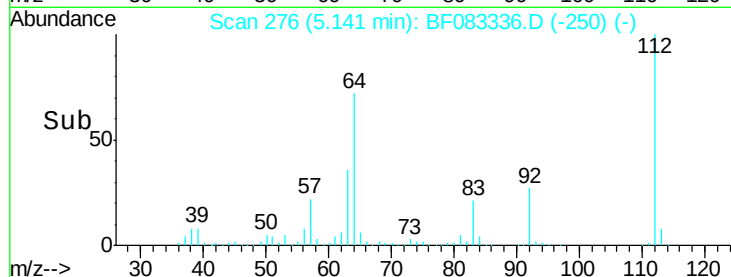
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 38.67 ng

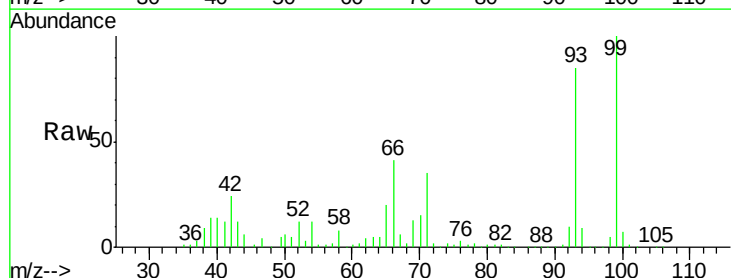
RT: 6.23 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

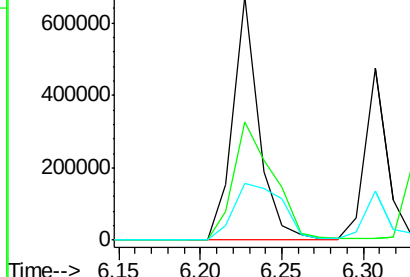
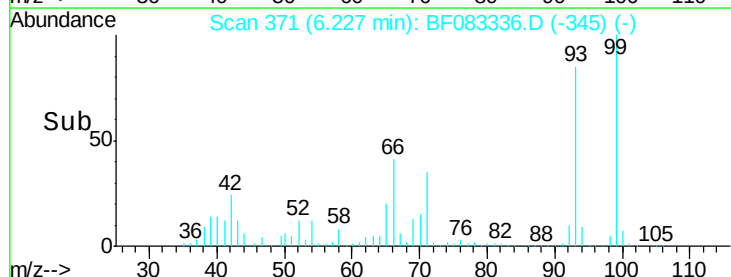
Tgt Ion:	93	Resp:	742117
Ion Ratio	Lower	Upper	
93	100		
66	48.6	38.7	58.1
65	23.3	18.6	27.8

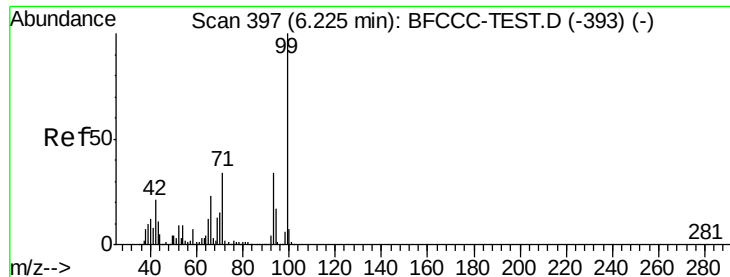


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 75.69 ng

RT: 6.23 min Scan# 371

Delta R.T. -0.01 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF112715

Tot Ion: 99 Resp: 1064221

Ion Ratio Lower Upper

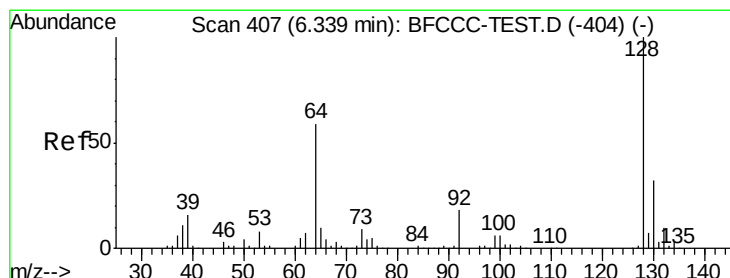
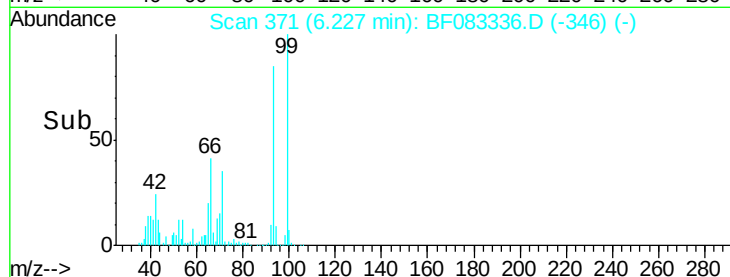
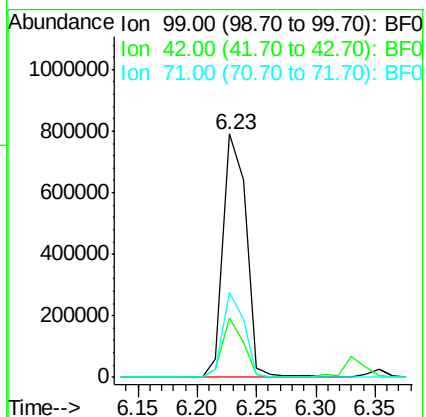
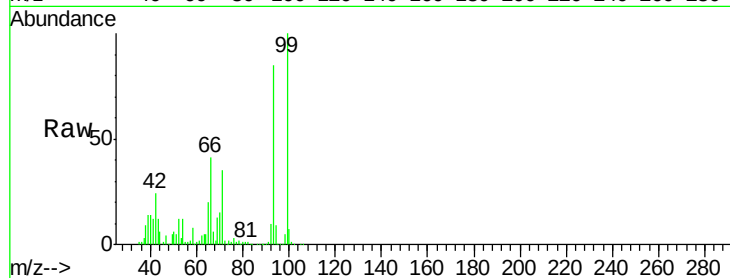
99 100

42 24.3 17.7 26.5

71 34.7 30.2 45.4

Manual Integrations
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#8

2-Chlorophenol

Concen: 38.89 ng

RT: 6.35 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

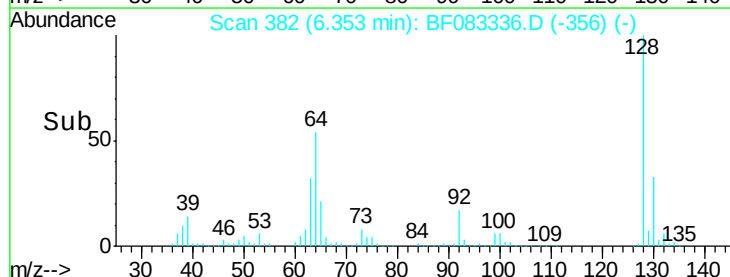
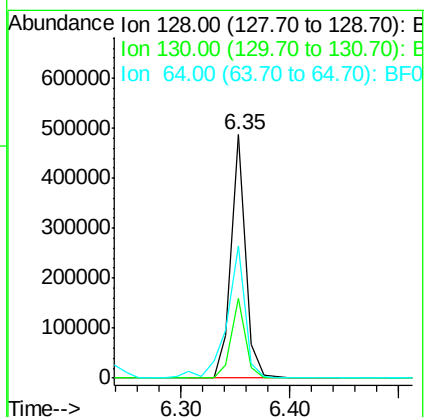
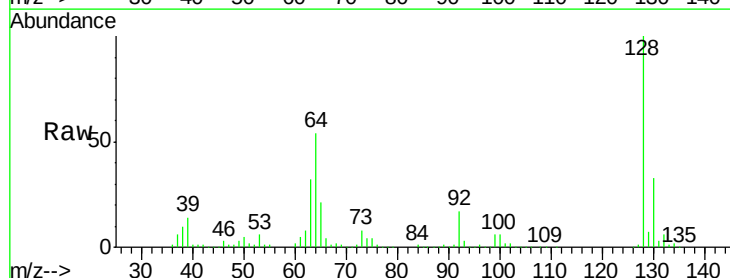
Tgt Ion: 128 Resp: 447928

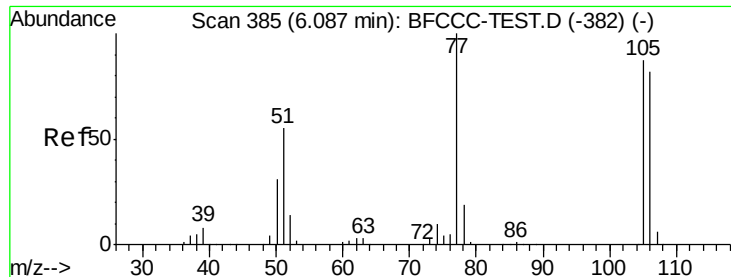
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 54.2 41.9 81.9





#9

Benzaldehyde

Concen: 40.15 ng

RT: 6.10 min Scan# 360

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

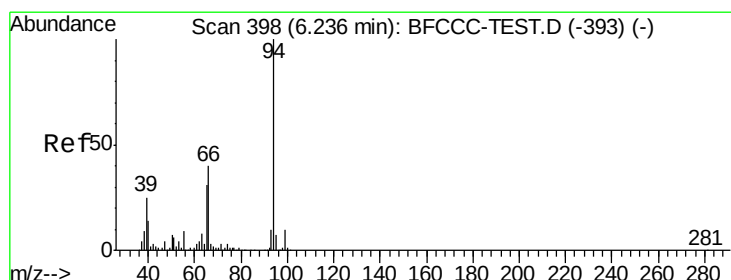
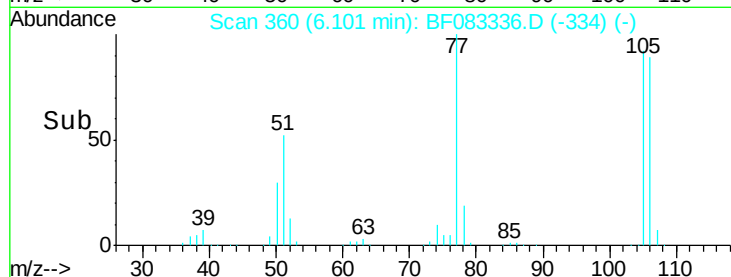
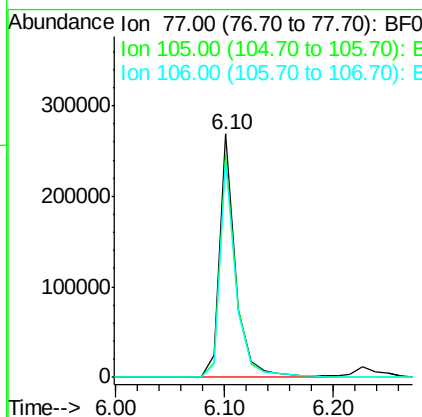
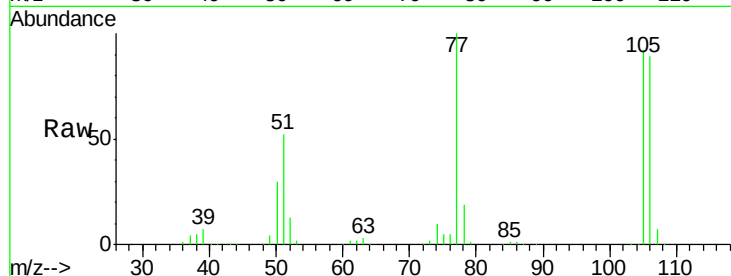
ClientSampleId :

ICVBF112715

Tot Ion:	77	Resp:	278310
Ion Ratio	Lower	Upper	
77	100		
105	91.5	73.4	113.4
106	88.8	67.5	107.5

Manual Integrations
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#10

Phenol

Concen: 35.62 ng

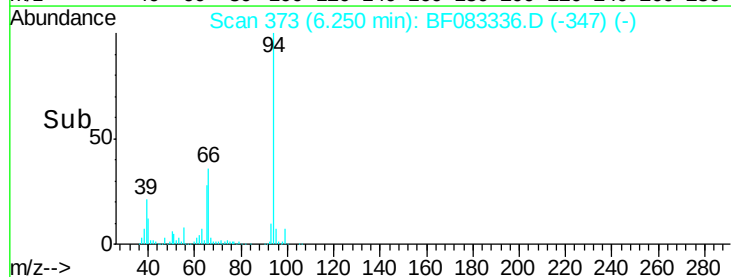
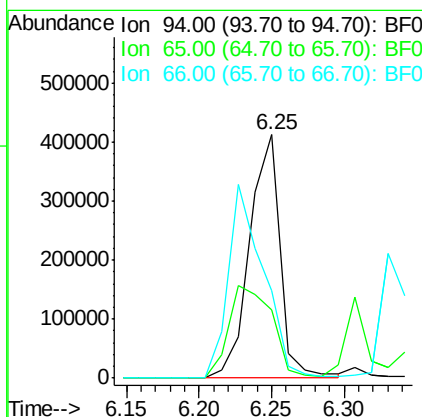
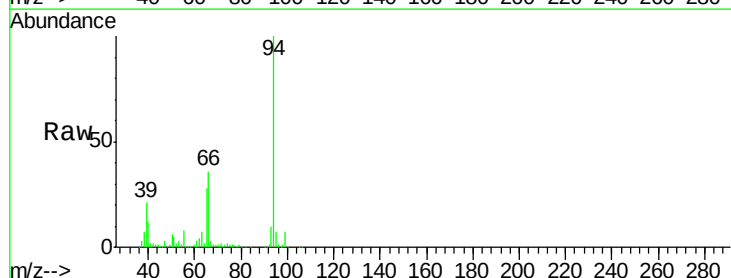
RT: 6.25 min Scan# 373

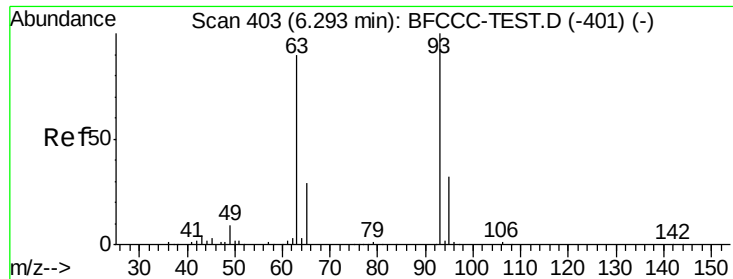
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	94	Resp:	604711
Ion Ratio	Lower	Upper	
94	100		
65	28.0	21.1	61.1
66	35.9	43.1	83.1#





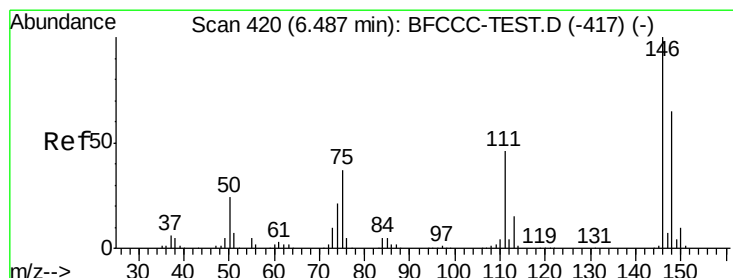
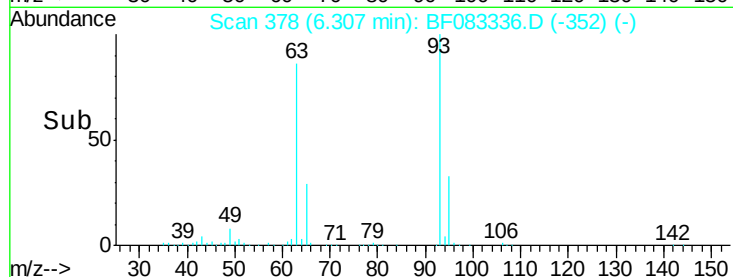
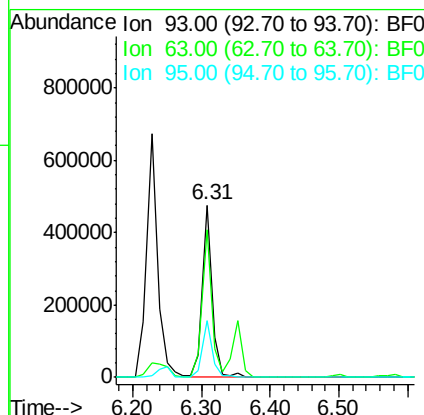
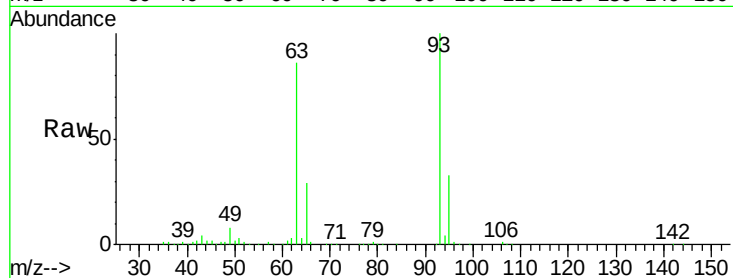
#11
bis(2-Chloroethyl)ether
Concen: 37.48 ng
RT: 6.31 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion:	93	Resp:	470348
Ion Ratio	Lower	Upper	
93	100		
63	86.2	59.8	99.8
95	33.0	13.0	53.0

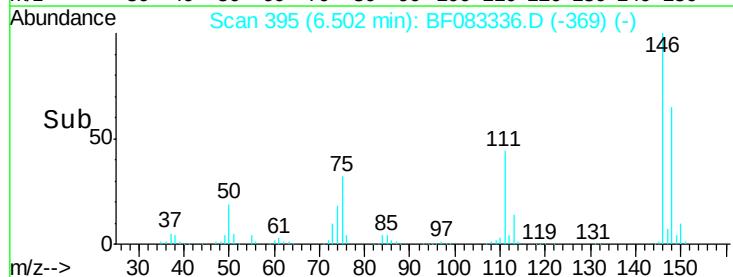
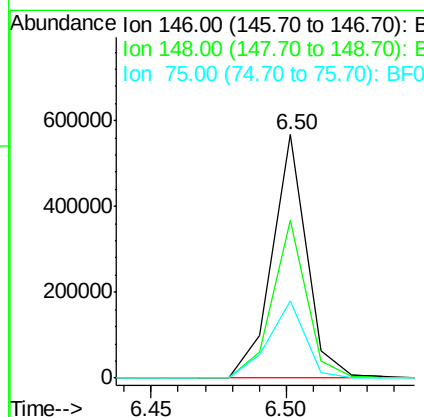
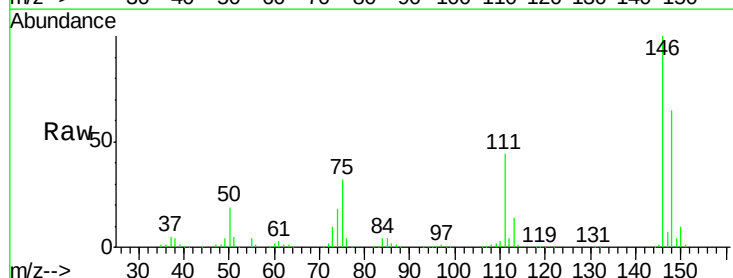
Manual Integrations
APPROVED

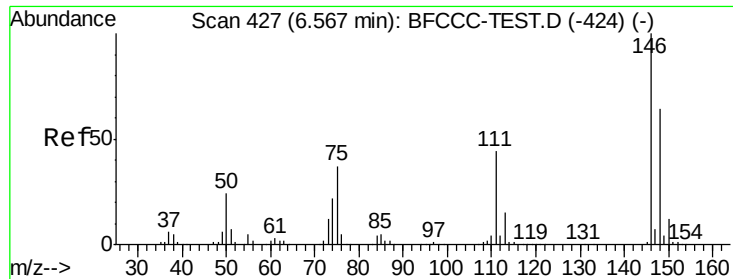
Mmdadoda
12/1/2015 5:23:02 PM



#12
1,3-Dichlorobenzene
Concen: 39.97 ng m
RT: 6.50 min Scan# 395
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:	146	Resp:	506412
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.2	75.2
75	31.8	32.7	49.1#





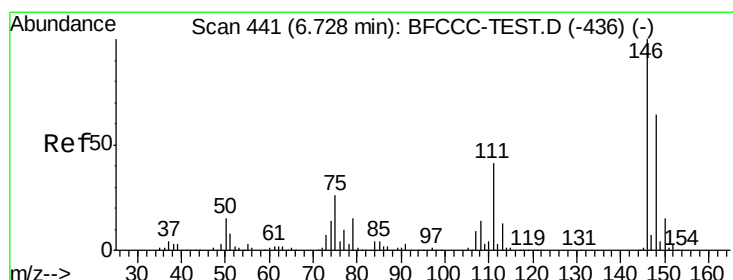
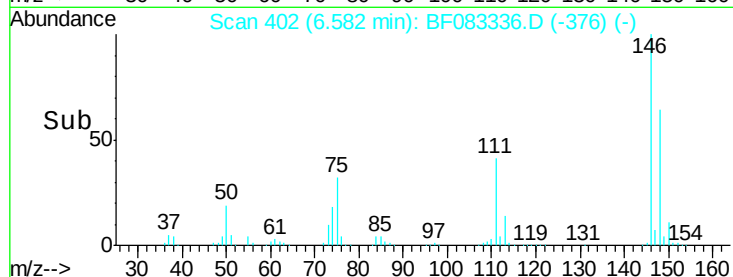
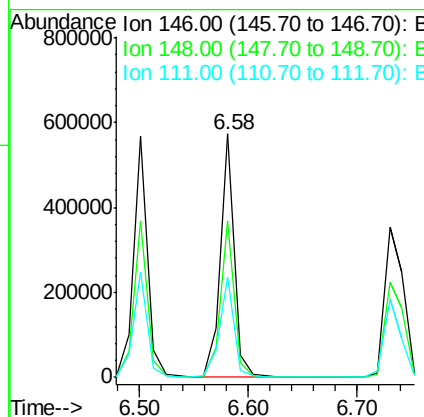
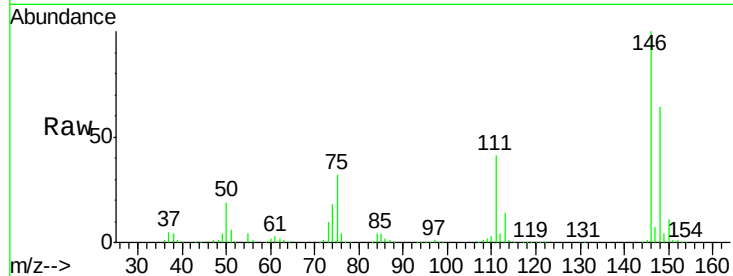
#13
1,4-Dichlorobenzene
Concen: 39.44 ng
RT: 6.58 min Scan# 402
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		520656		
148	64.4	50.2		75.2	
111	41.2	37.5		56.3	

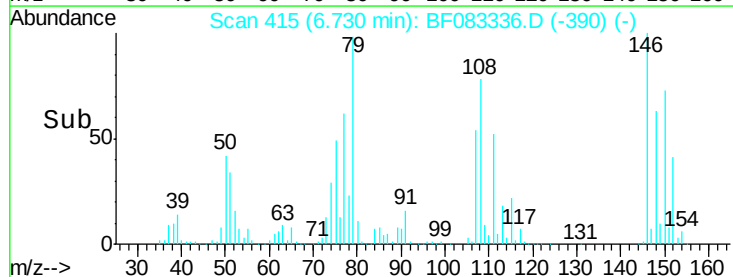
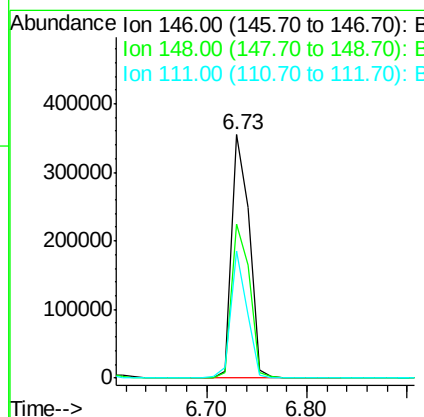
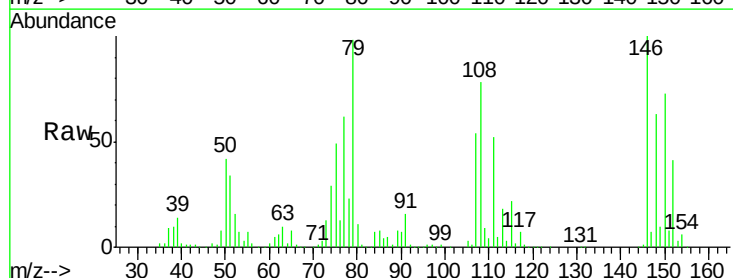
Manual Integrations
APPROVED

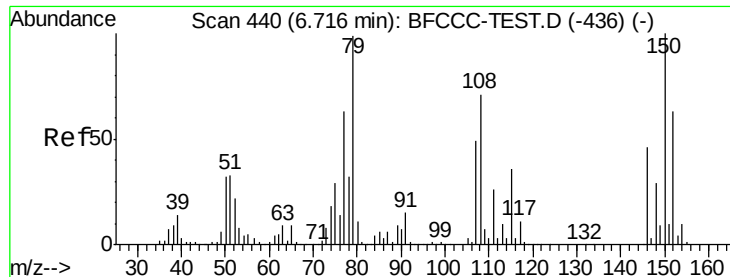
Mmdadoda
12/1/2015 5:23:02 PM



#14
1,2-Dichlorobenzene
Concen: 35.62 ng
RT: 6.73 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		432865		
148	63.3	51.8		77.6	
111	52.0	36.2		54.4	





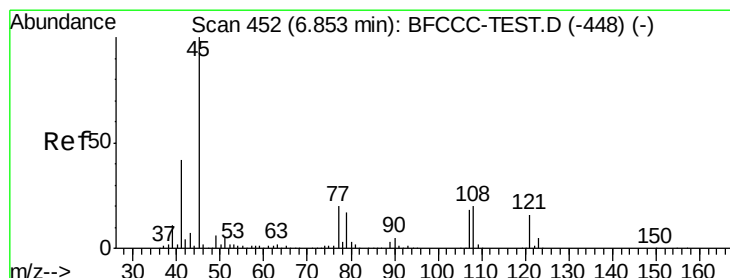
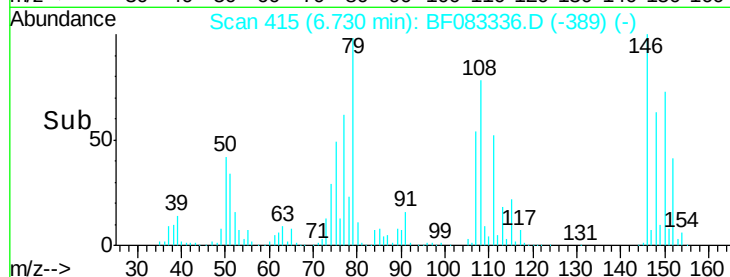
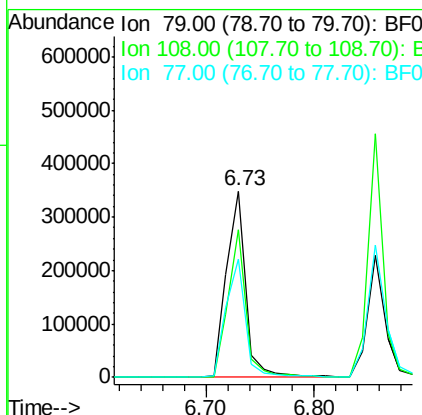
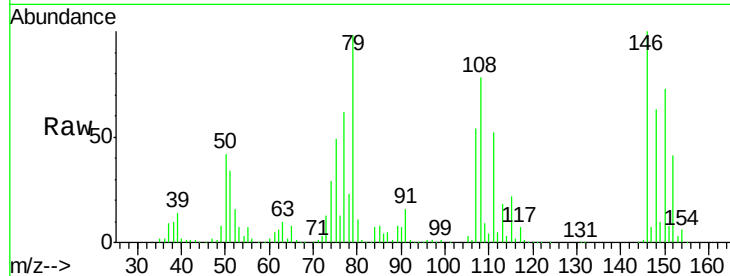
#15
Benzyl Alcohol
Concen: 39.67 ng
RT: 6.73 min Scan# 415
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Resp	Lower	Upper
79	100	430280		
108	79.1	61.4	92.2	
77	63.4	50.5	75.7	

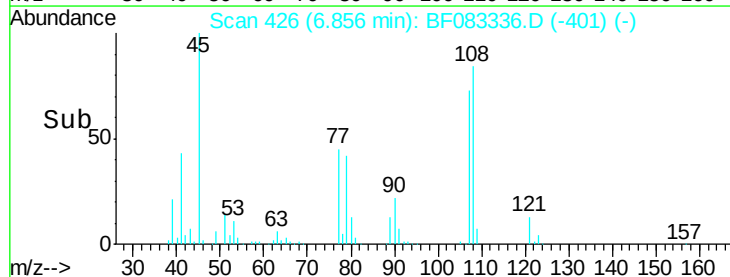
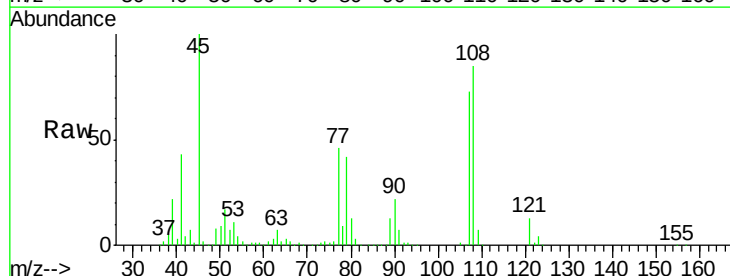
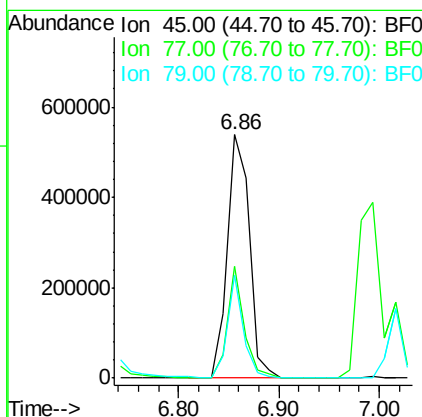
Manual Integrations
APPROVED

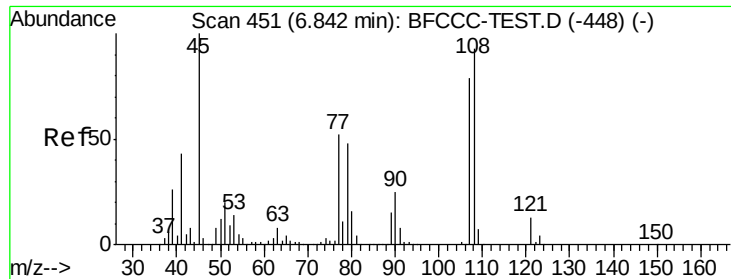
Mmdadoda
12/1/2015 5:23:02 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.65 ng
RT: 6.86 min Scan# 426
Delta R.T. -0.01 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	818824		
77	46.2	26.7	66.7	
79	42.4	24.3	64.3	





#17

2-Methylphenol

Concen: 40.42 ng

RT: 6.86 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

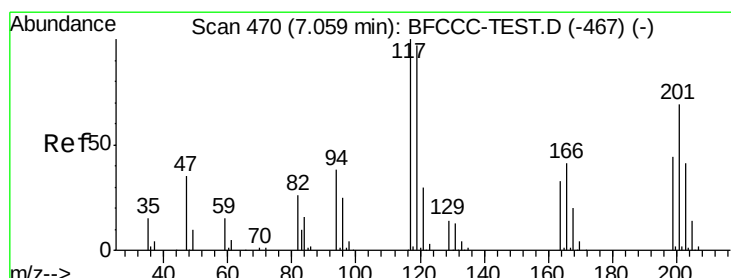
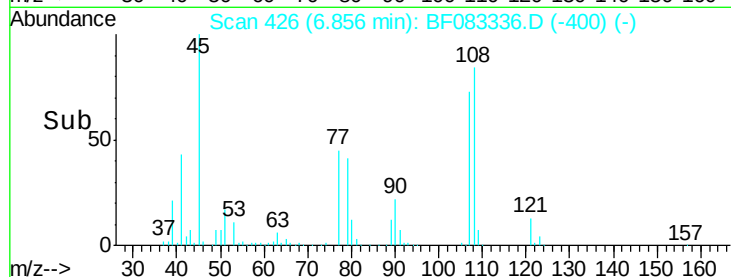
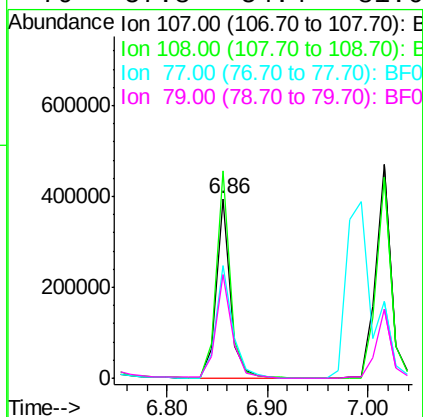
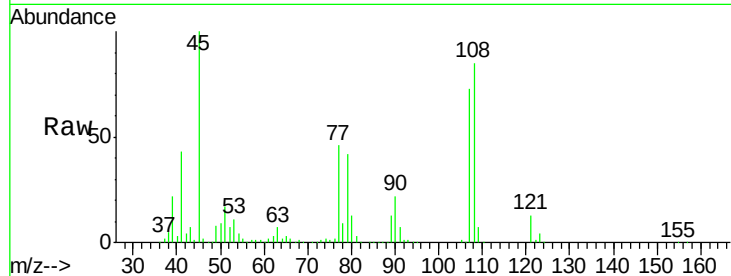
ClientSampleId :

ICVBF112715

Tot Ion:	107	Resp:	380712
Ion Ratio	Lower	Upper	
107	100		
108	115.4	93.8	140.6
77	63.0	57.4	86.0
79	57.8	54.4	81.6

Manual Integrations
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#18

Hexachloroethane

Concen: 37.94 ng

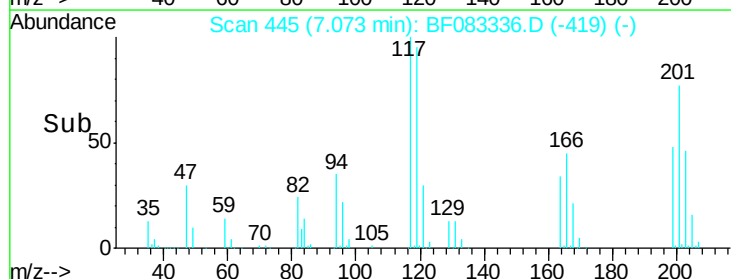
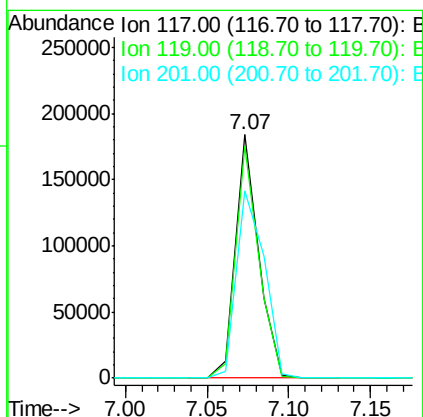
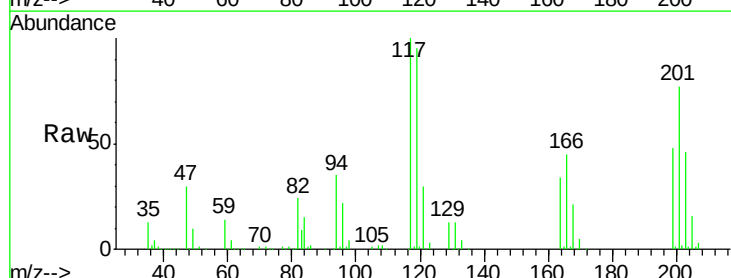
RT: 7.07 min Scan# 445

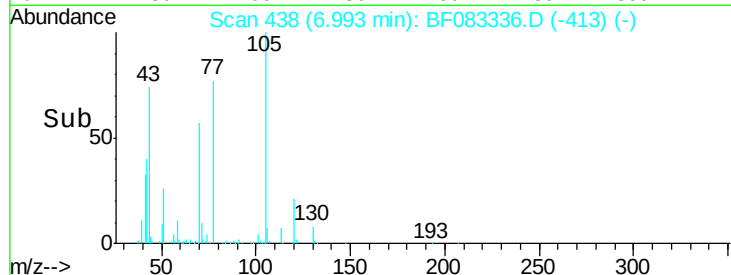
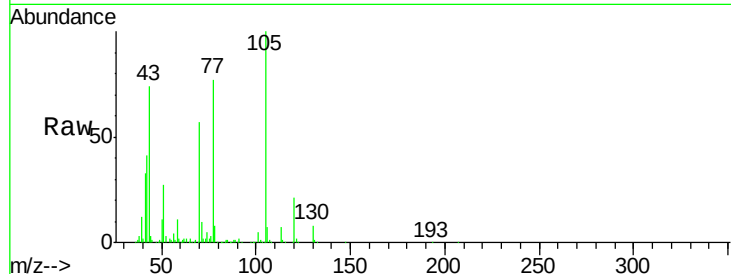
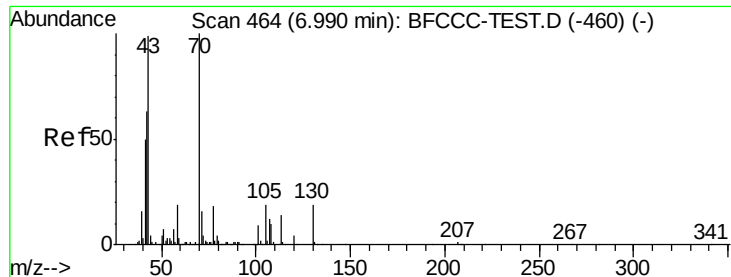
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	117	Resp:	178640
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.8	115.2
201	76.9	88.6	133.0#





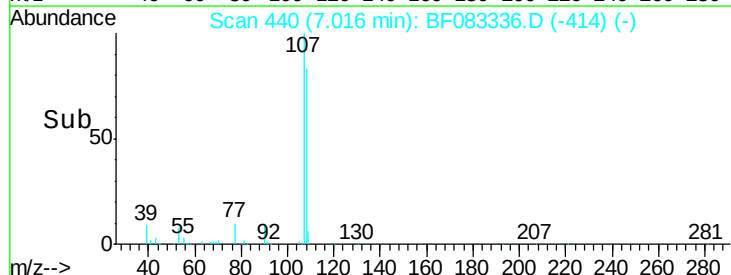
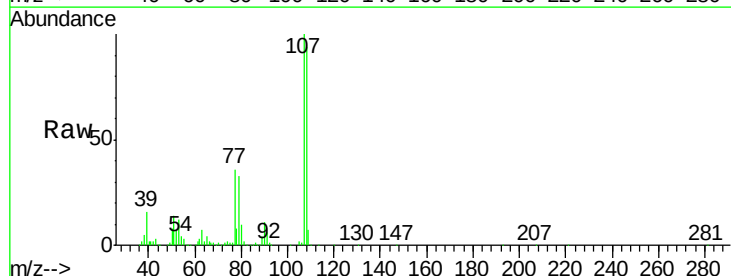
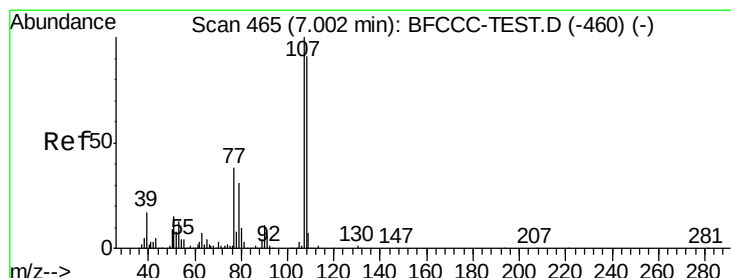
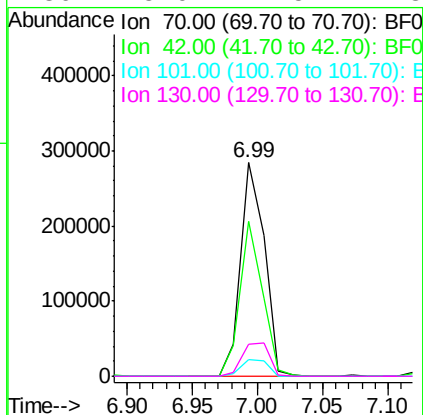
#19
n-Nitroso-di-n-propylamine
Concen: 36.22 ng
RT: 6.99 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Manual Integrations
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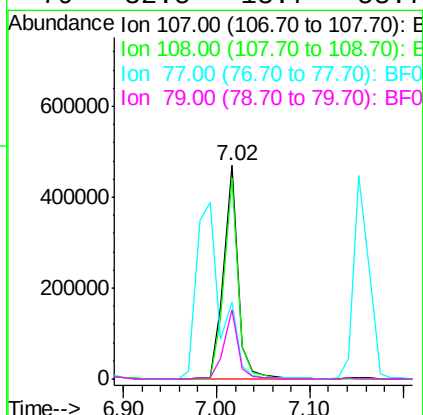
Mmdadoda
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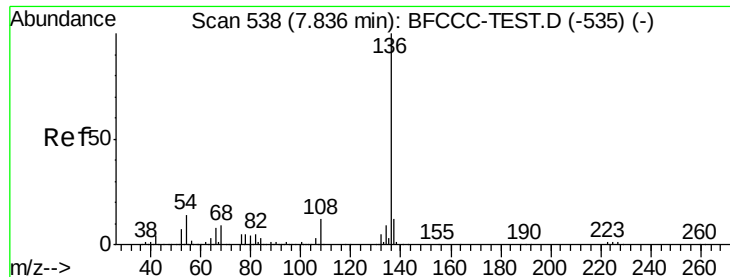
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	72.7	54.5	81.7	
101	8.0	6.6	9.8	
130	15.0	11.5	17.3	



#20
3+4-Methylphenols
Concen: 39.50 ng
RT: 7.02 min Scan# 440
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	94.3	73.8	113.8	
77	35.8	19.1	59.1	
79	32.5	13.7	53.7	





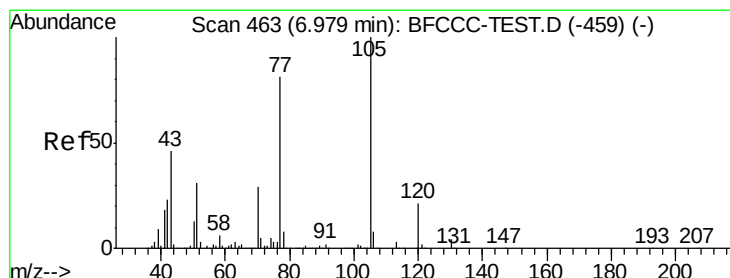
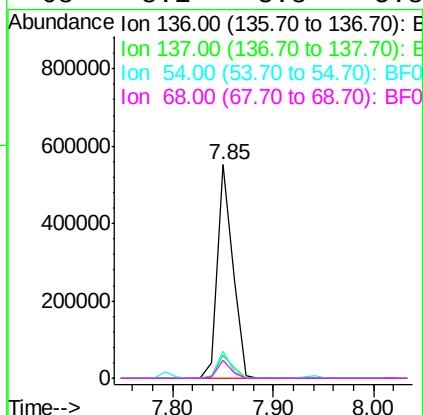
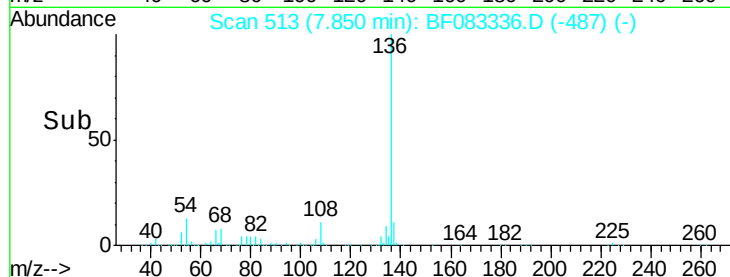
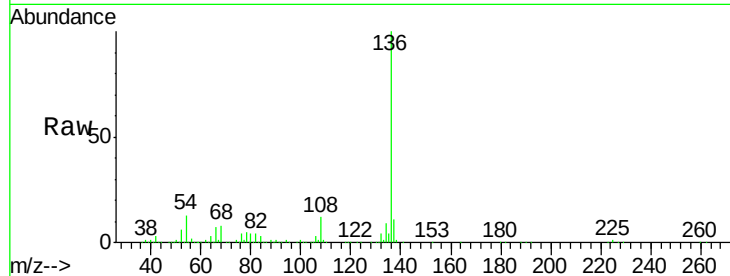
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.85 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Resp	Lower	Upper
136	100	588245		
137	11.1	8.7	13.1	
54	12.5	5.8	8.6#	
68	8.1	3.8	5.8#	

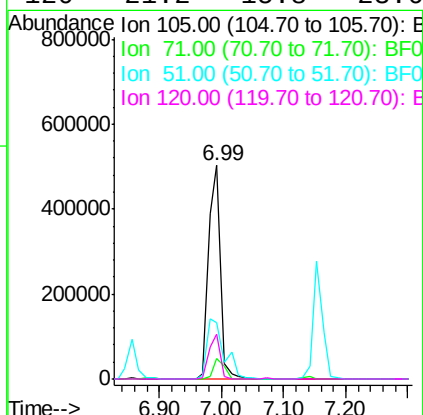
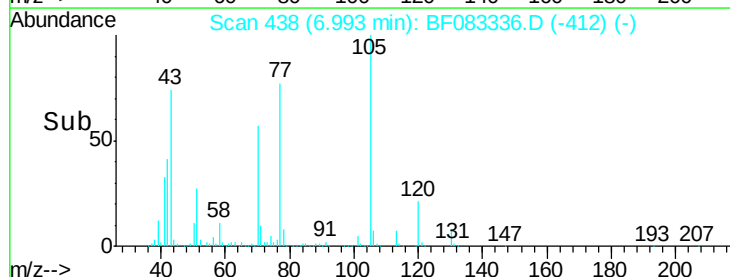
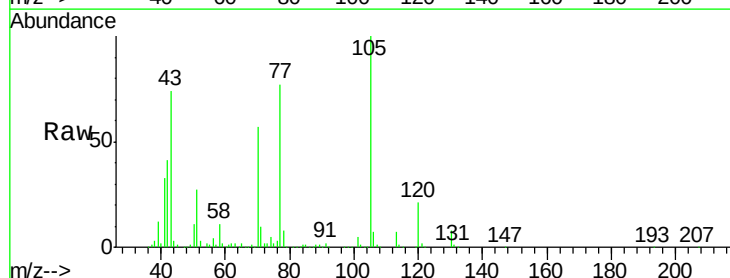
Manual Integrations
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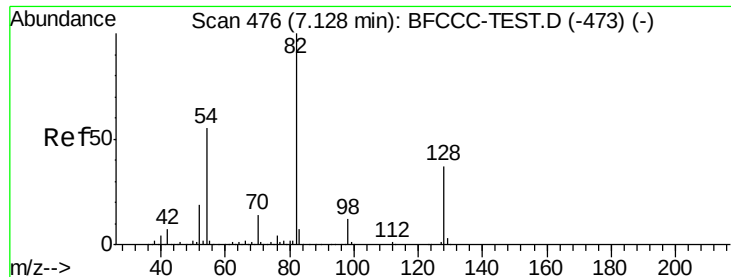
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#22
Acetophenone
Concen: 38.19 ng
RT: 6.99 min Scan# 438
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	664813		
71	9.7	1.0	1.4#	
51	26.6	25.6	38.4	
120	21.2	15.8	23.6	





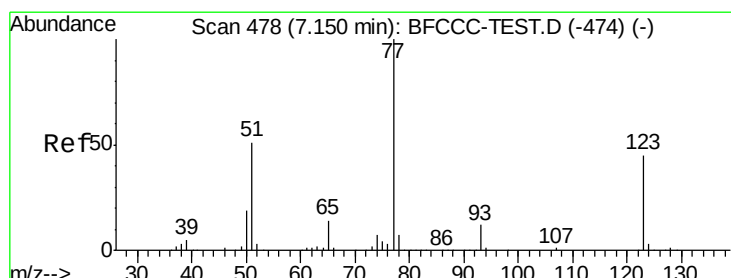
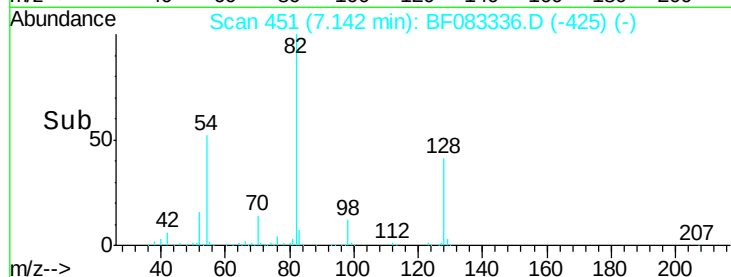
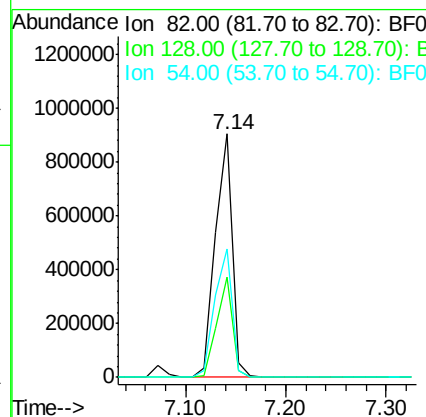
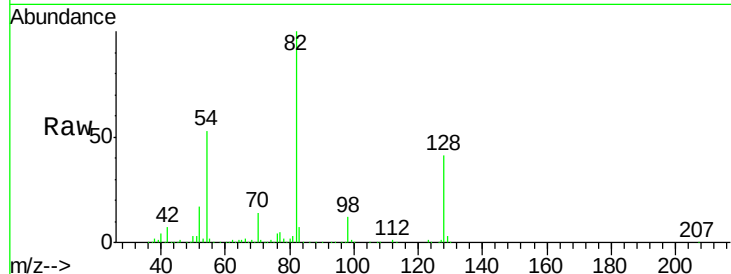
#23
Nitrobenzene-d5
Concen: 79.66 ng
RT: 7.14 min Scan# 451
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	28.5	42.7
54	52.7	44.6	67.0

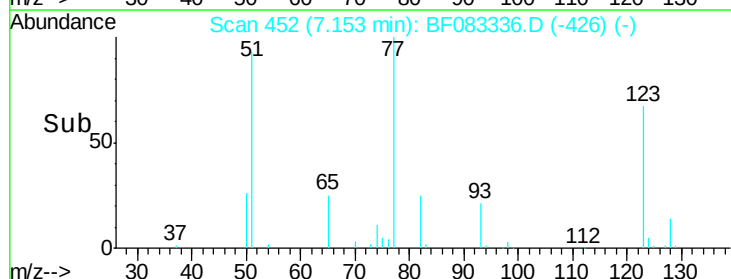
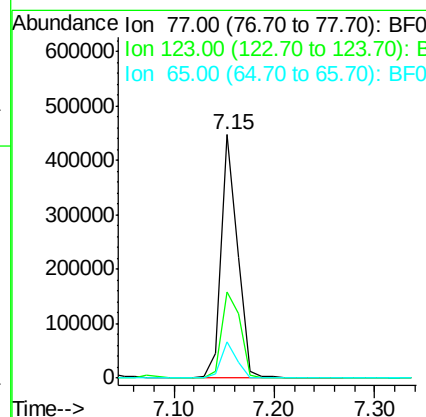
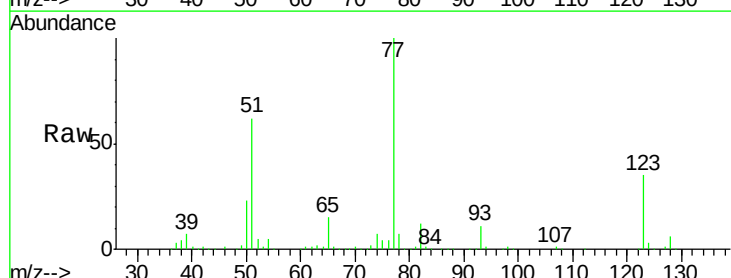
Manual Integrations
APPROVED

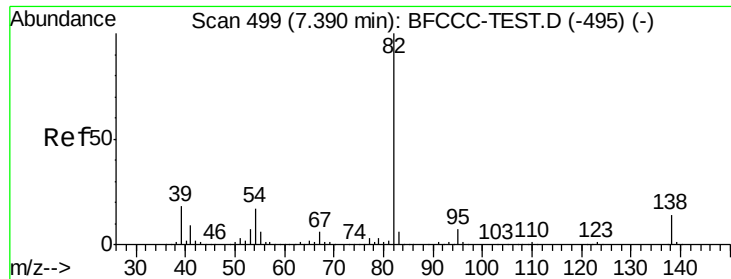
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#24
Nitrobenzene
Concen: 35.27 ng
RT: 7.15 min Scan# 452
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.2	30.1	45.1
65	14.9	11.6	17.4





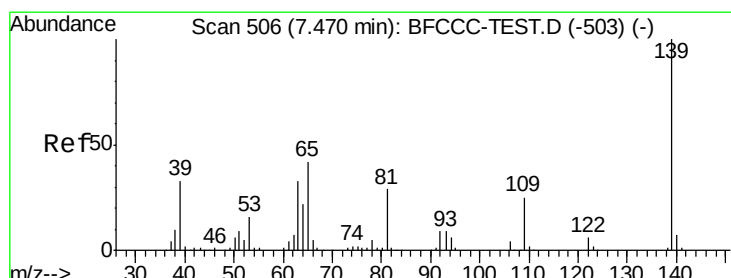
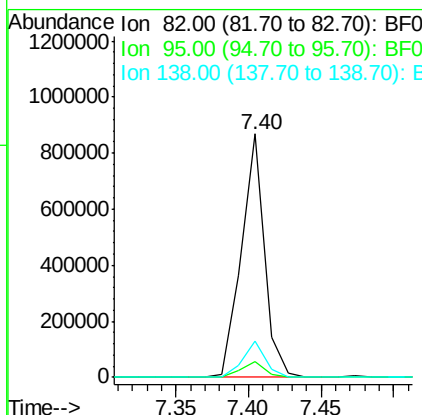
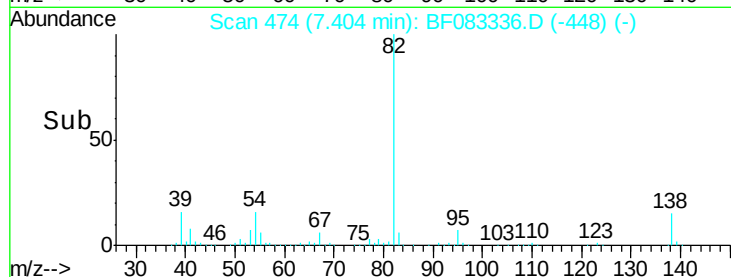
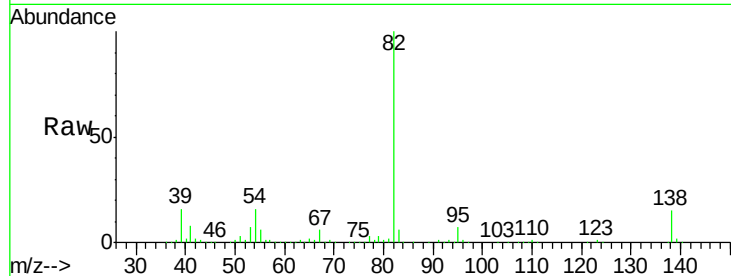
#25
Isophorone
Concen: 37.65 ng
RT: 7.40 min Scan# 474
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Resp	Lower	Upper
82	100	965837		
95	6.6	5.8	8.8	
138	15.0	11.6	17.4	

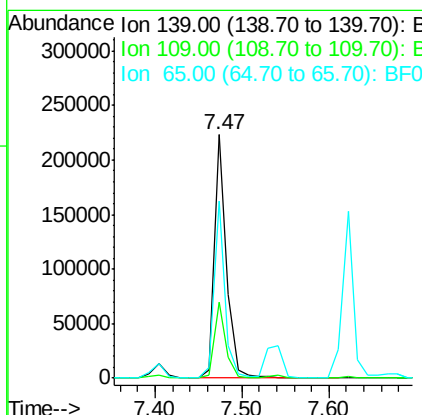
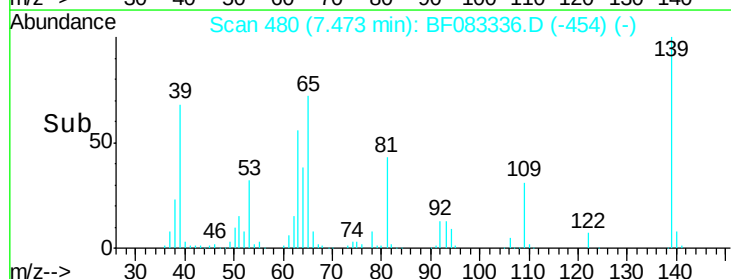
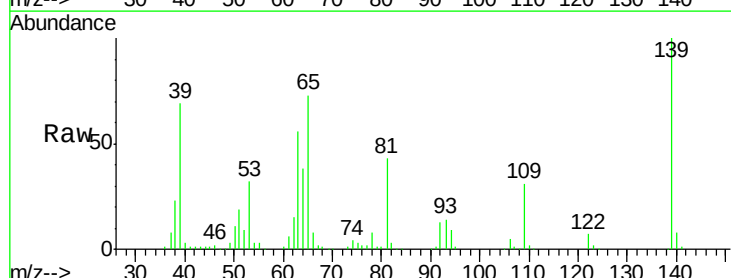
Manual Integrations
APPROVED

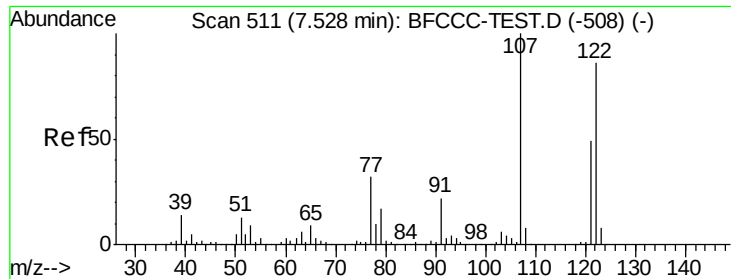
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12/1/2015 5:23:02 PM



#26
2-Nitrophenol
Concen: 37.23 ng
RT: 7.47 min Scan# 480
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	220548		
109	31.4	23.9	35.9	
65	72.8	42.7	64.1	





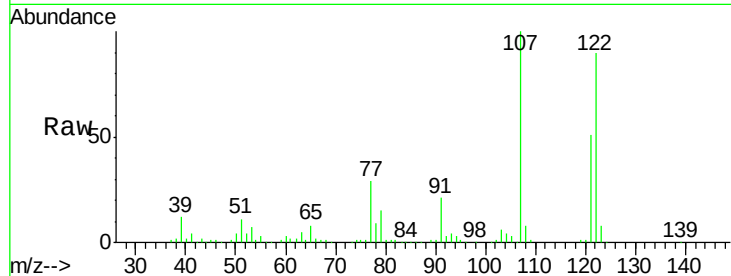
#27
 2,4-Dimethylphenol
 Concen: 38.89 ng
 RT: 7.54 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
381711	122	100			
111.1	107		101.1	151.7	
57.0	121		44.9	67.3	

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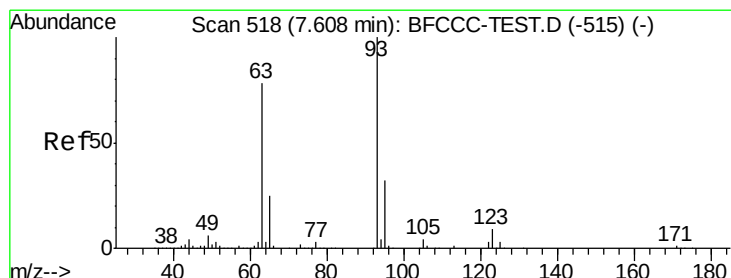
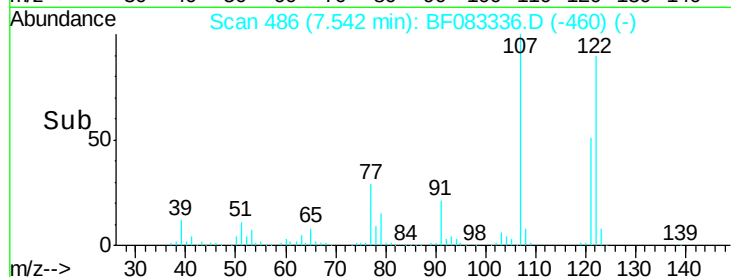
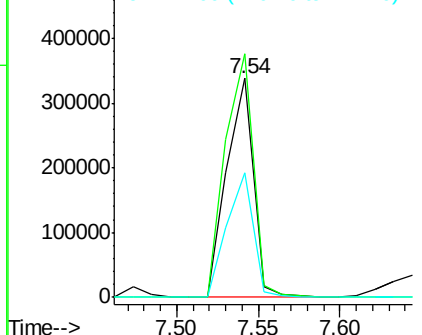


Abundance

Ion 122.00 (121.70 to 122.70): E

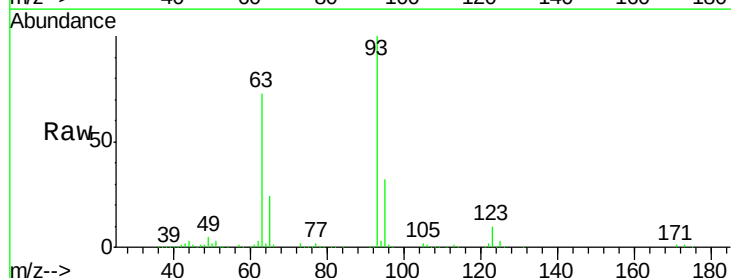
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.26 ng
 RT: 7.62 min Scan# 493
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
569405	93	100			
32.5	95		26.5	39.7	
9.5	123		8.1	12.1	

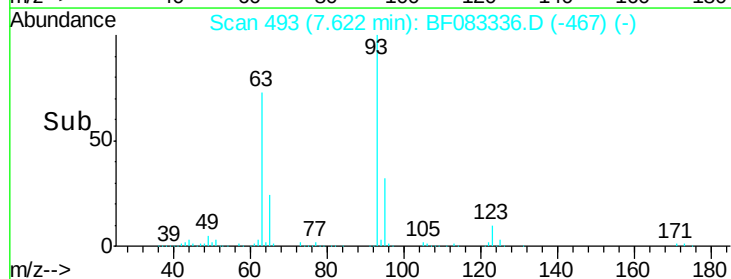
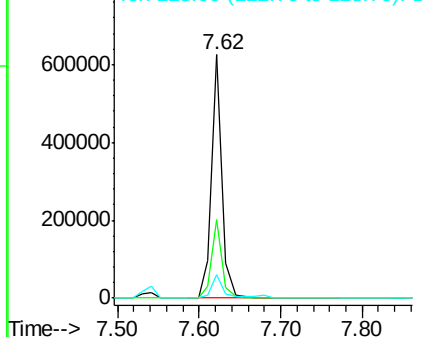


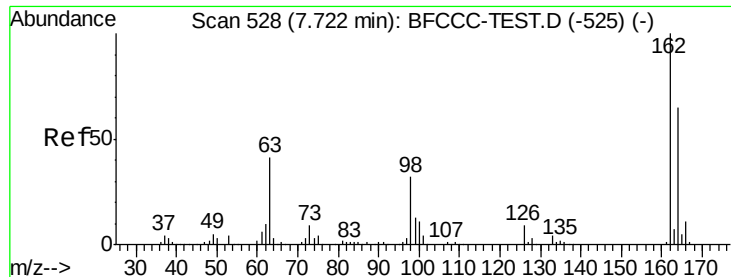
Abundance

Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





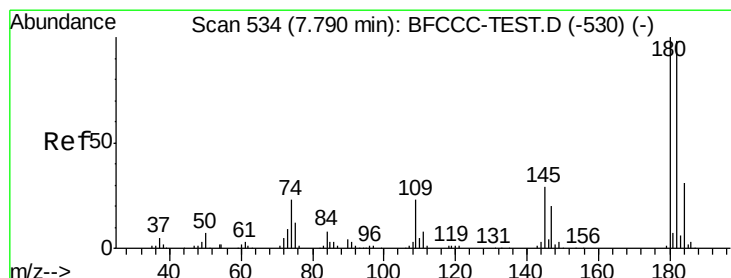
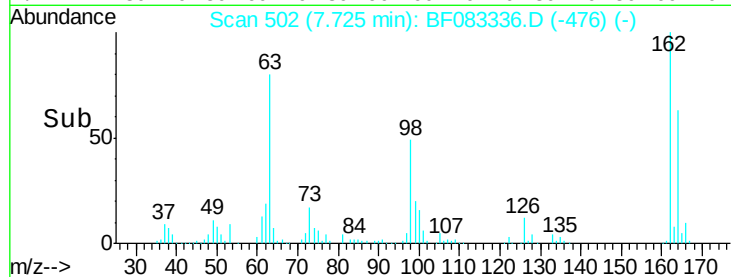
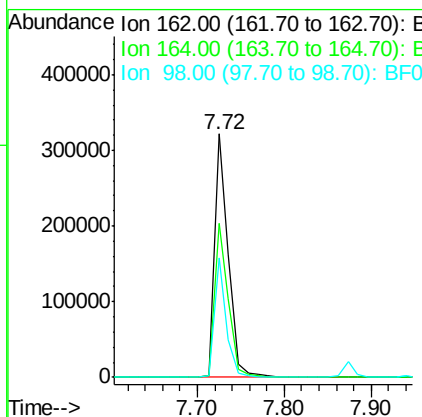
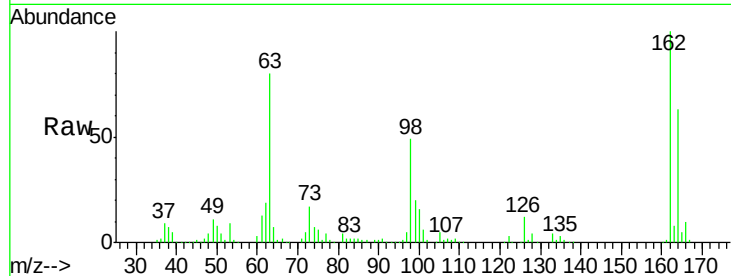
#29
 2,4-Dichlorophenol
 Concen: 37.95 ng
 RT: 7.72 min Scan# 502
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion:	162	Resp:	356136
Ion Ratio	Lower	Upper	
162	100		
164	63.0	44.8	84.8
98	48.9	23.1	63.1

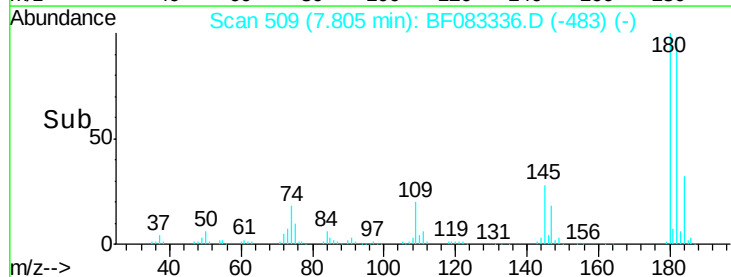
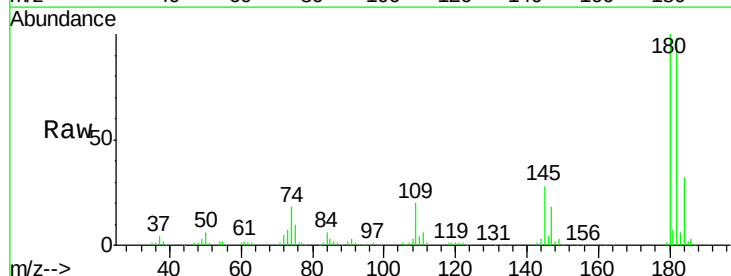
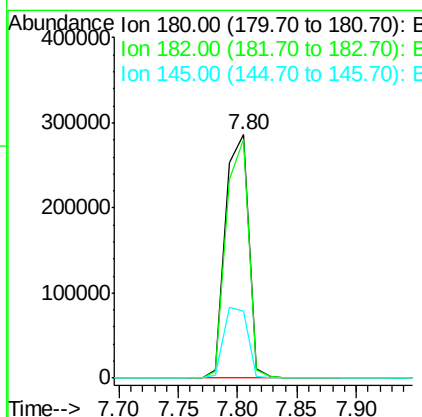
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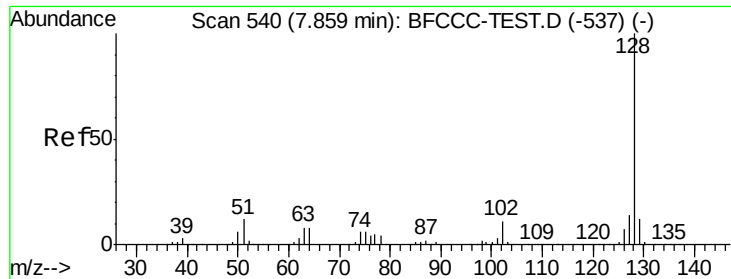
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#30
 1,2,4-Trichlorobenzene
 Concen: 37.81 ng
 RT: 7.80 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion:	180	Resp:	386555
Ion Ratio	Lower	Upper	
180	100		
182	97.8	79.0	118.6
145	27.5	24.2	36.2





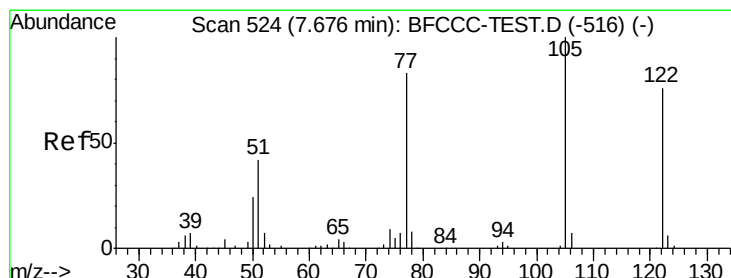
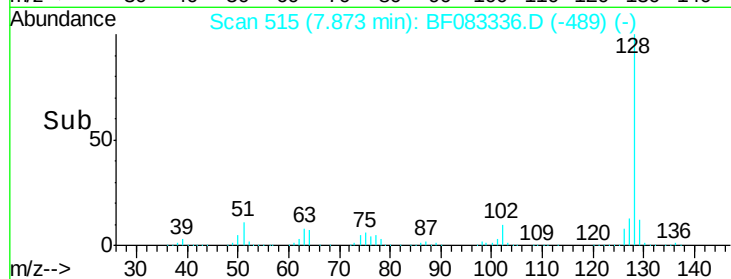
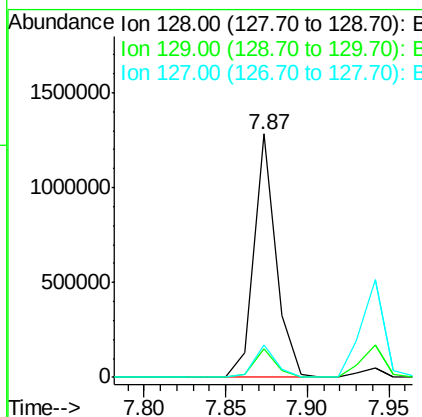
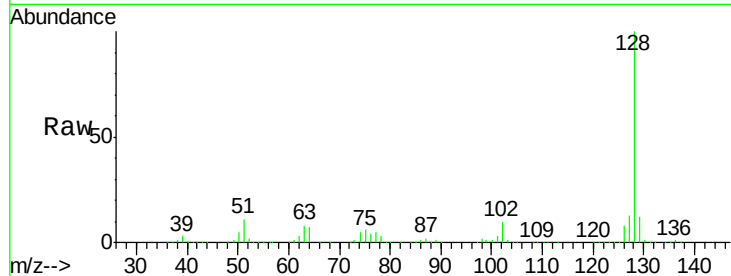
#31
Naphthalene
Concen: 37.53 ng
RT: 7.87 min Scan# 515
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion:128 Resp: 1208773
Ion Ratio Lower Upper
128 100
129 11.8 9.0 13.4
127 13.4 10.6 15.8

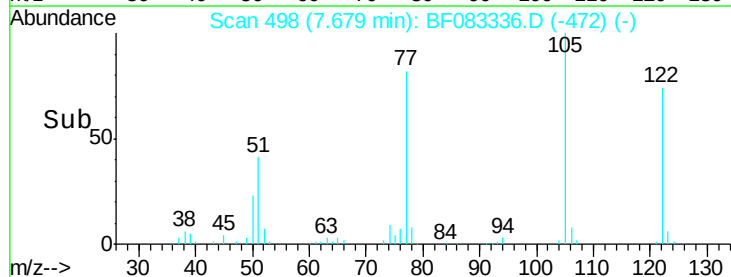
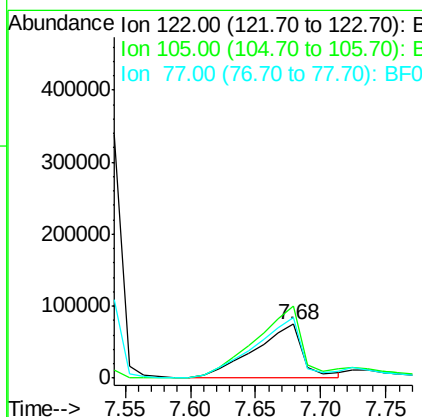
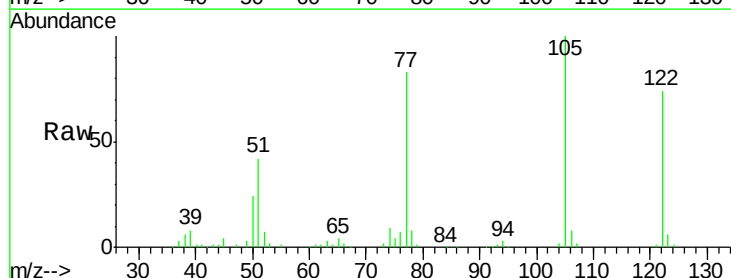
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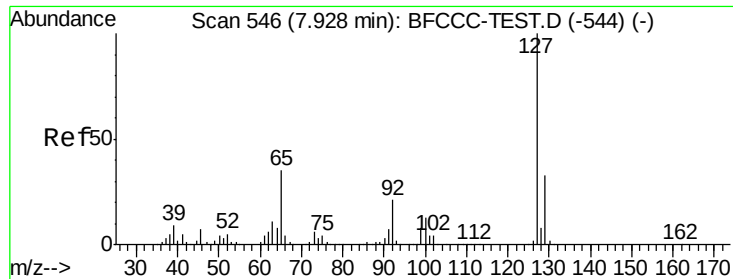
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12/1/2015 5:23:02 PM



#32
Benzoic acid
Concen: 38.51 ng
RT: 7.68 min Scan# 498
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:122 Resp: 192158
Ion Ratio Lower Upper
122 100
105 134.5 109.7 149.7
77 111.7 79.7 119.7





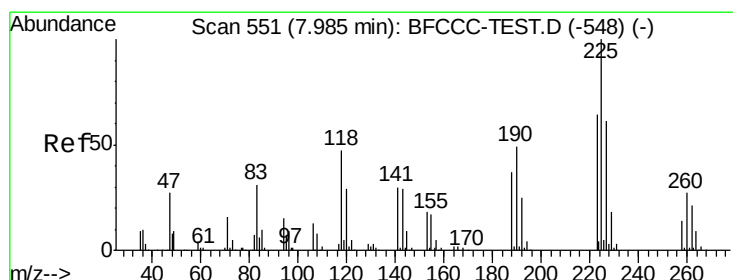
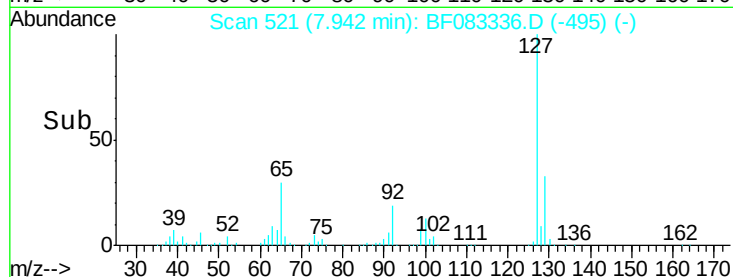
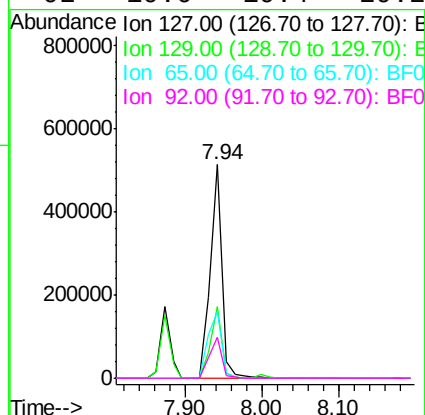
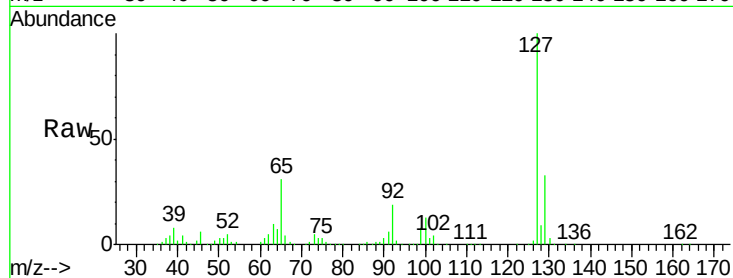
#33
4-Chloroaniline
Concen: 39.66 ng
RT: 7.94 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.4	25.7	38.5		
65	31.0	35.5	53.3#		
92	19.0	19.4	29.2#		

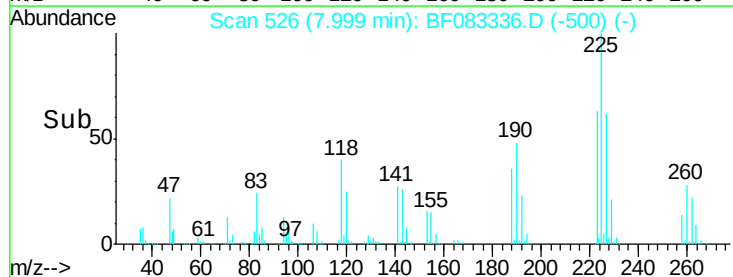
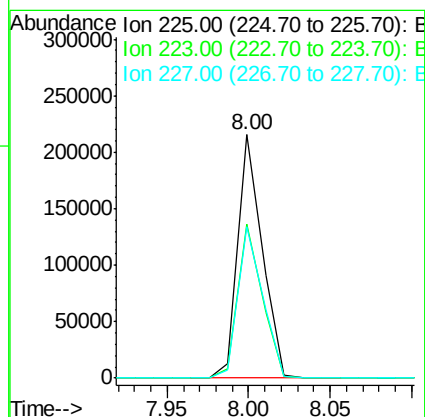
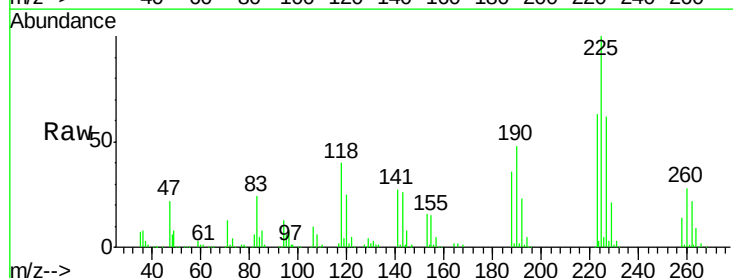
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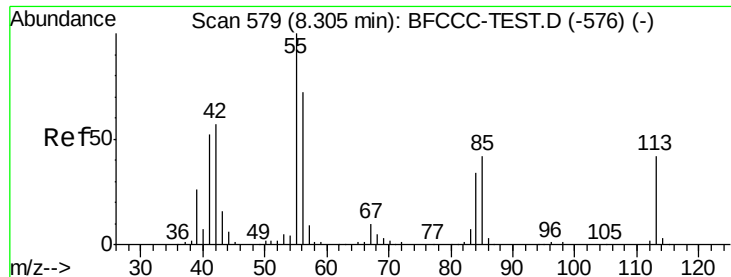
Mmdadoda
12/1/2015 5:23:02 PM



#34
Hexachlorobutadiene
Concen: 37.80 ng
RT: 8.00 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.3	51.3	76.9		
227	62.3	49.8	74.8		





#35

Caprolactam

Concen: 42.30 ng

RT: 8.32 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

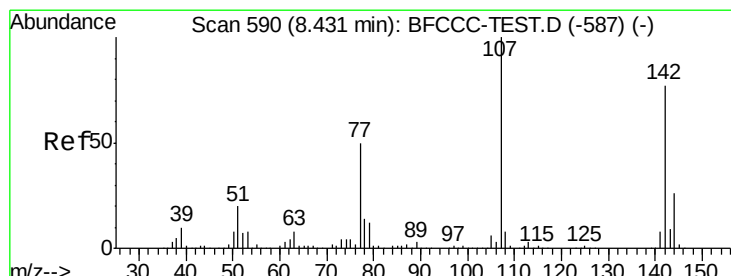
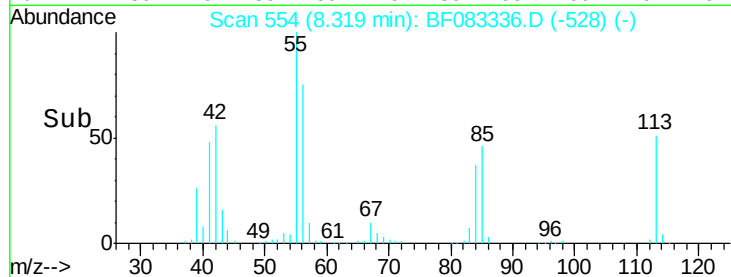
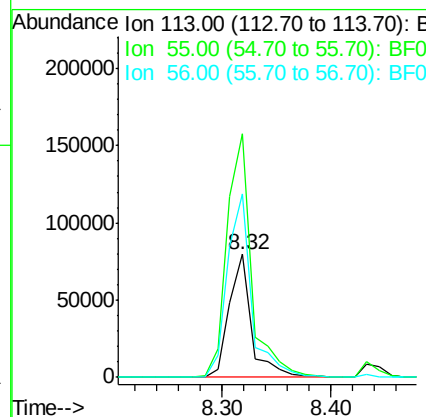
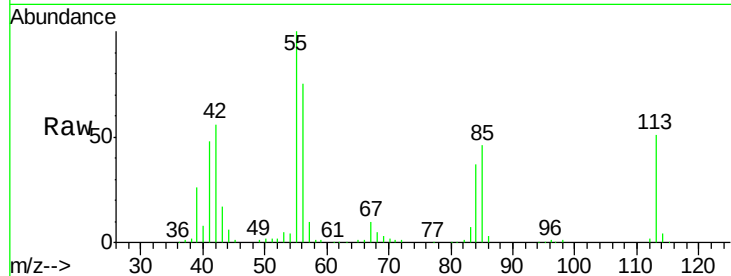
ClientSampleId :

ICVBF112715

Tot Ion:	113	Resp:	112951
Ion Ratio	Lower	Upper	
113	100		
55	197.9	192.6	232.6
56	148.8	148.6	188.6

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 35.34 ng

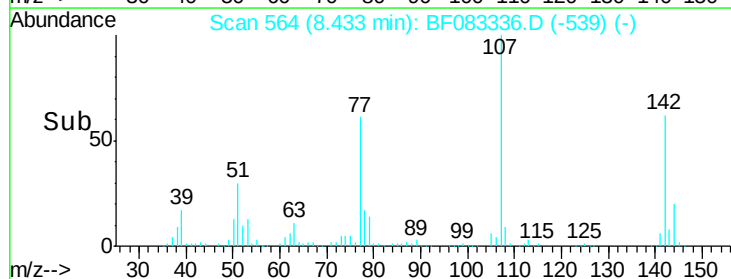
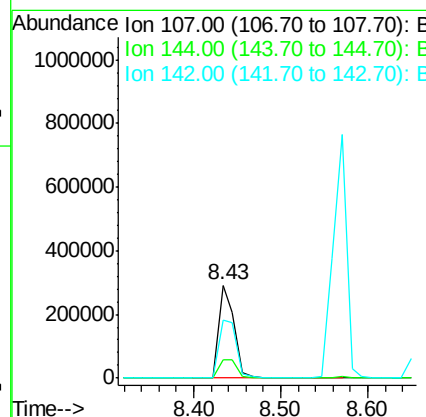
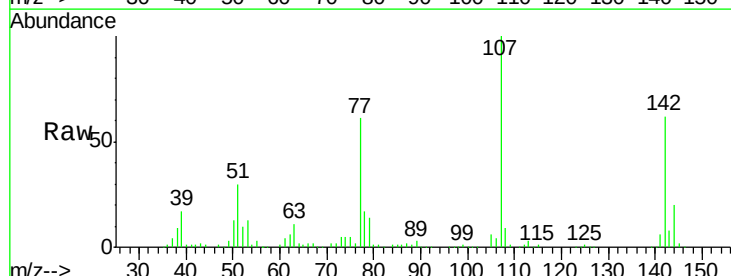
RT: 8.43 min Scan# 564

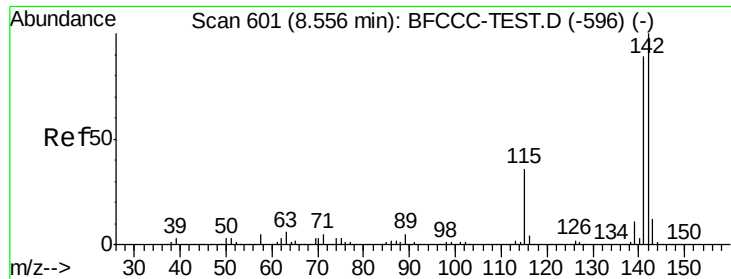
Delta R.T. -0.01 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	107	Resp:	362974
Ion Ratio	Lower	Upper	
107	100		
144	19.7	20.8	31.2#
142	61.8	62.1	93.1#





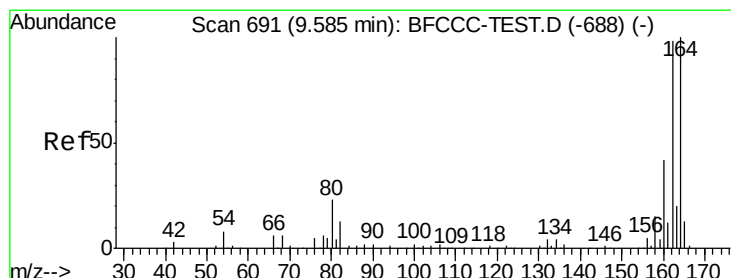
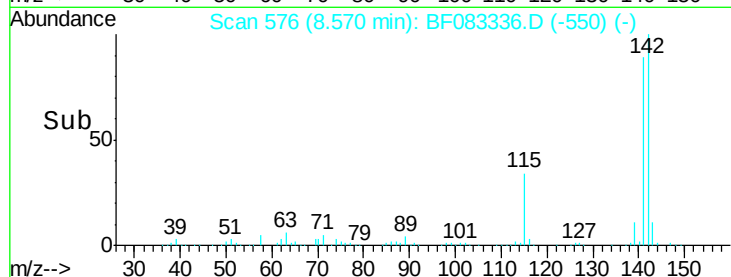
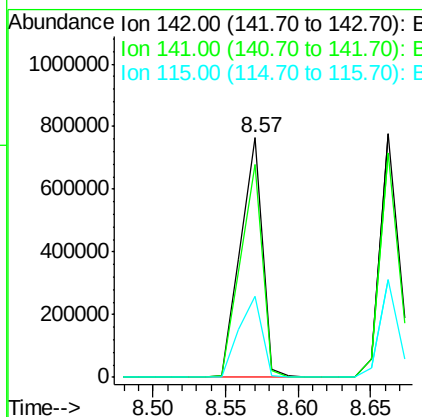
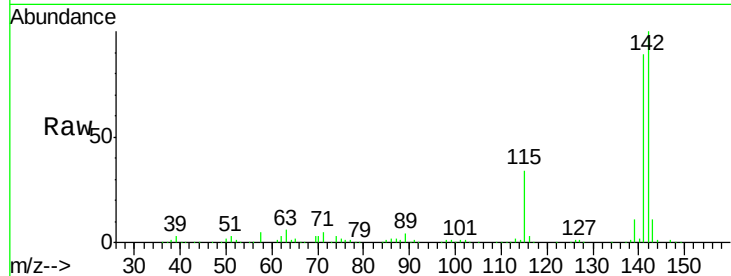
#37
2-Methylnaphthalene
Concen: 38.88 ng
RT: 8.57 min Scan# 576
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.3	105.5
115	33.6	33.4	50.2

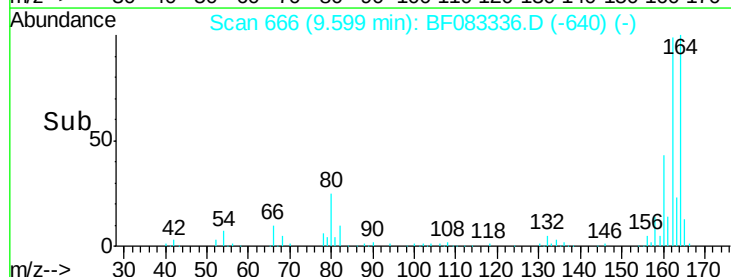
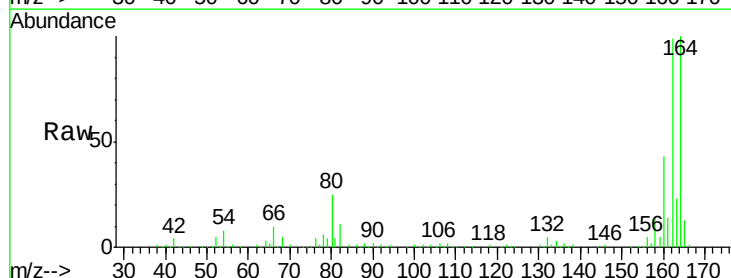
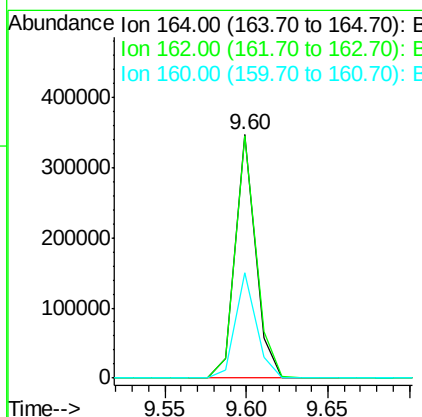
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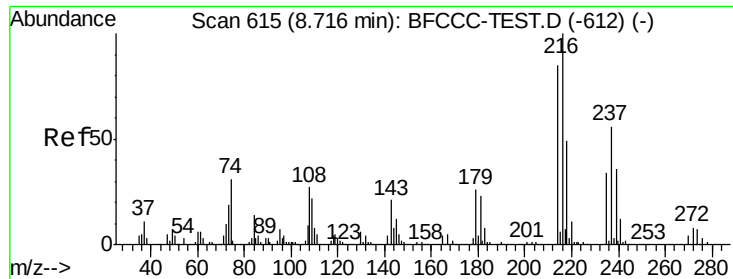
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12/1/2015 5:23:02 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.60 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.2	121.8
160	43.3	35.6	53.4





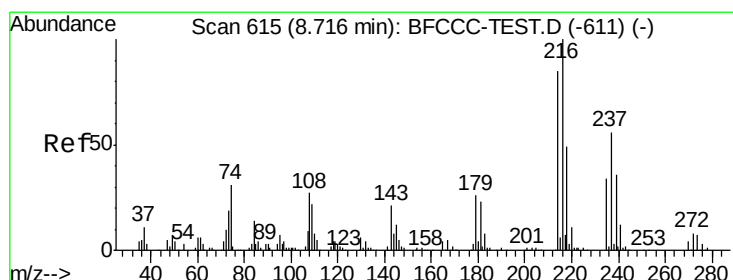
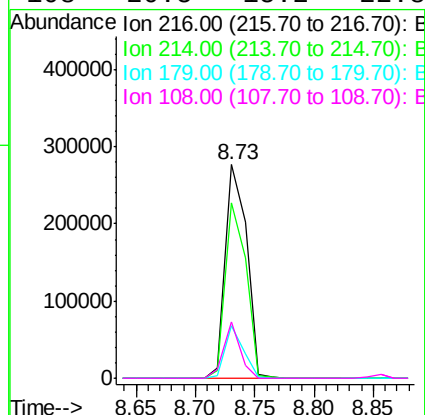
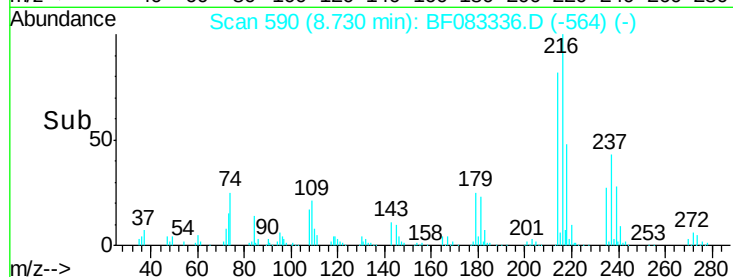
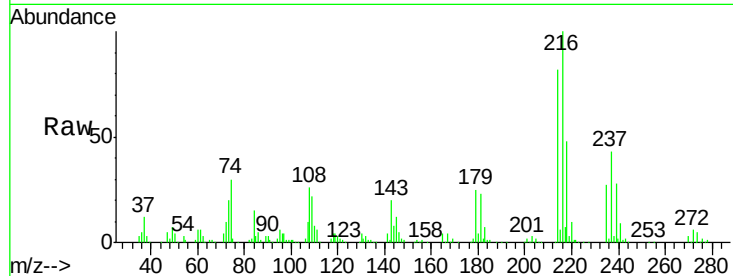
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.51 ng
 RT: 8.73 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		343724		
214	79.8	63.8	95.8		
179	21.0	17.0	25.6		
108	20.5	15.2	22.8		

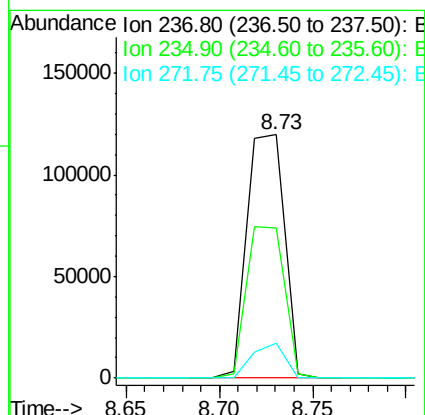
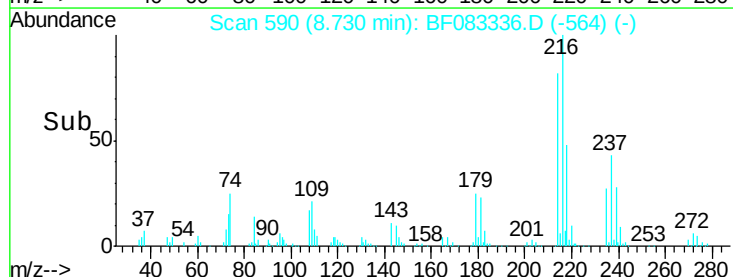
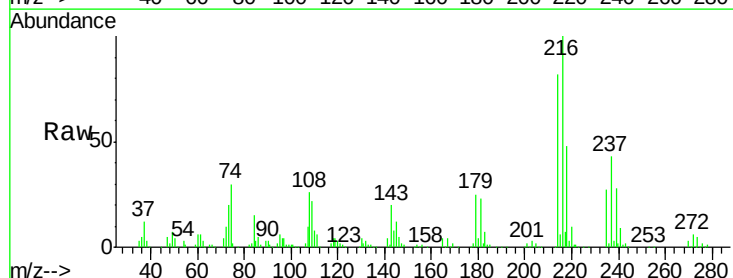
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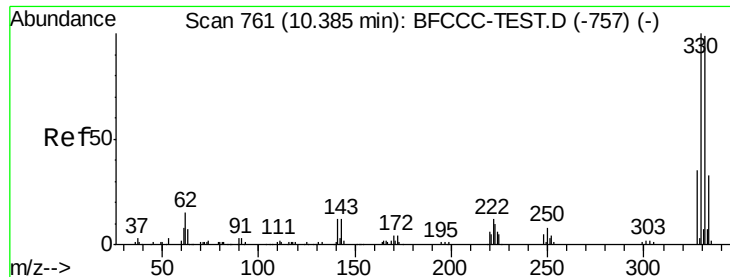
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#40
 Hexachlorocyclopentadiene
 Concen: 35.14 ng
 RT: 8.73 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		167110		
235	61.8	43.5	83.5		
272	14.4	0.0	33.1		





#41

2,4,6-Tribromophenol

Concen: 77.14 ng

RT: 10.39 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

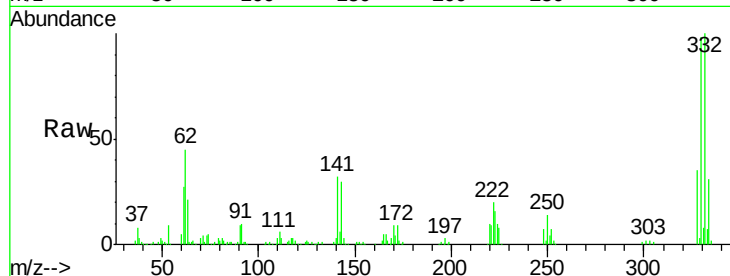
ClientSampleId :

ICVBF112715

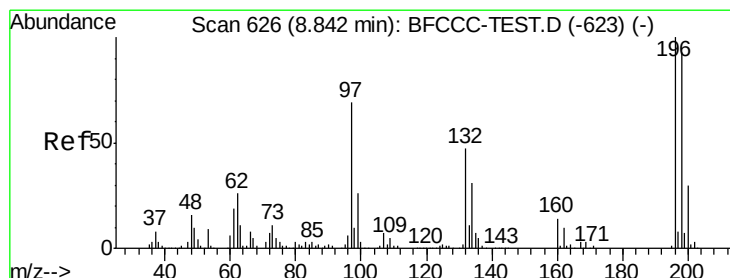
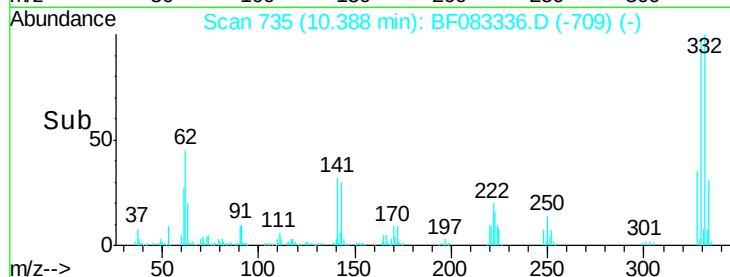
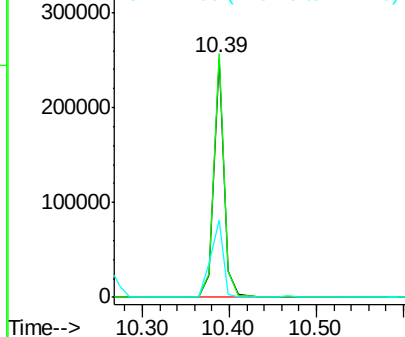
Tot Ion:	330	Resp:	212793
Ion Ratio	Lower	Upper	
330	100		
332	101.5	77.7	116.5
141	39.1	29.7	44.5

Manual Integrations
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 38.87 ng

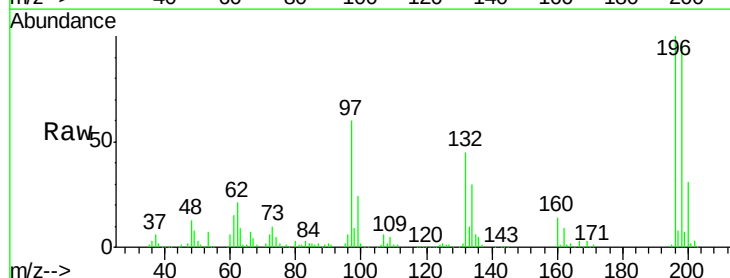
RT: 8.86 min Scan# 601

Delta R.T. 0.00 min

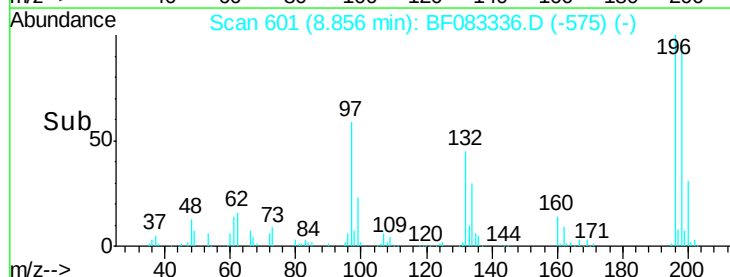
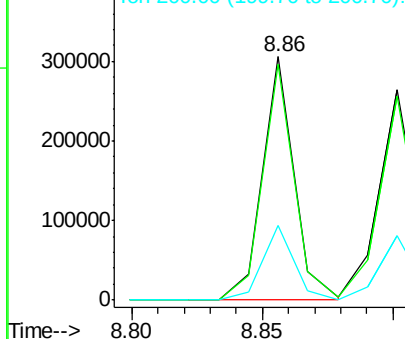
Lab File: BF083336.D

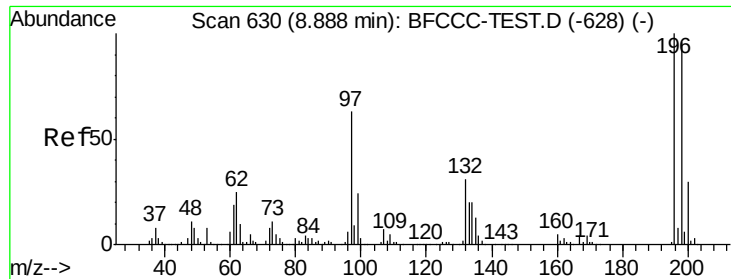
Acq: 27 Nov 2015 18:57

Tgt Ion:	196	Resp:	260252
Ion Ratio	Lower	Upper	
196	100		
198	97.1	75.9	113.9
200	30.8	24.5	36.7



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





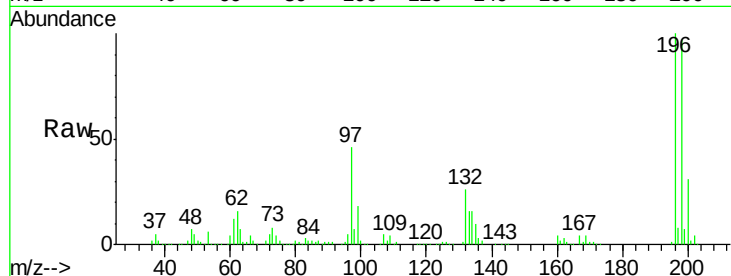
#43
 2,4,5-Trichlorophenol
 Concen: 37.68 ng
 RT: 8.90 min Scan# 605
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

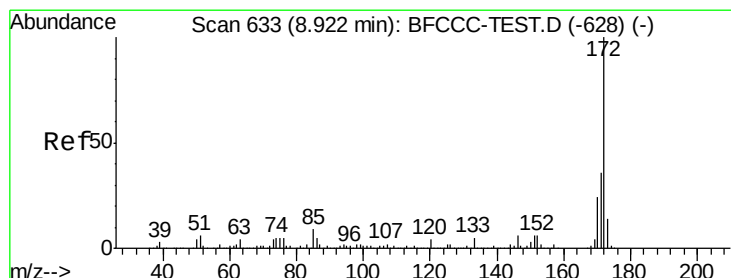
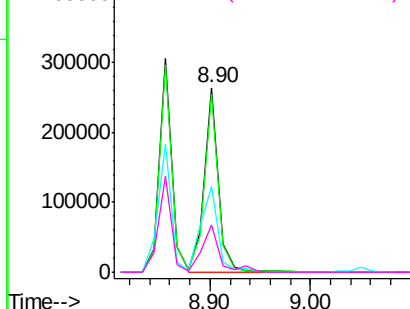
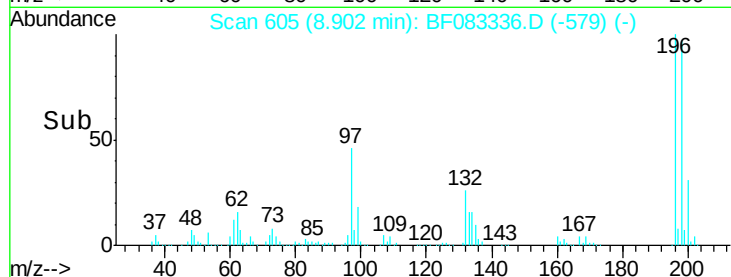
Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		257181		
198	96.6	77.6	116.4		
97	46.1	32.6	48.8		
132	25.7	19.8	29.8		

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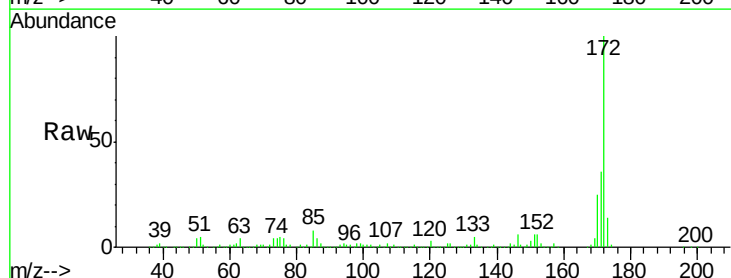


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

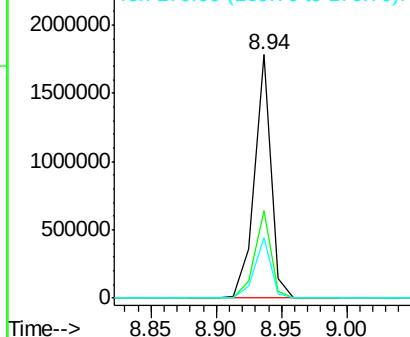
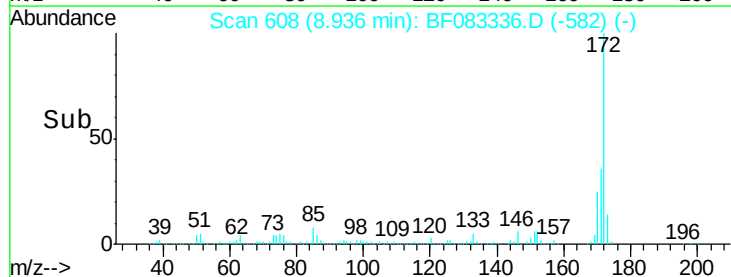


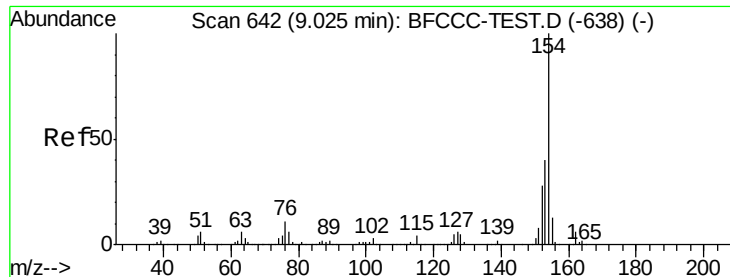
#44
 2-Fluorobiphenyl
 Concen: 75.85 ng
 RT: 8.94 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		1583924		
171	36.1	29.5	44.3		
170	24.7	19.9	29.9		



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





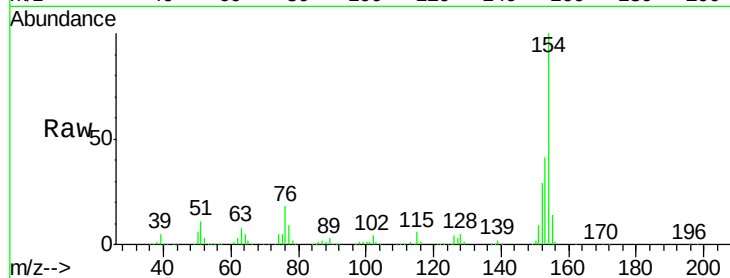
#45
1,1'-Biphenyl
Concen: 34.92 ng
RT: 9.03 min Scan# 616
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

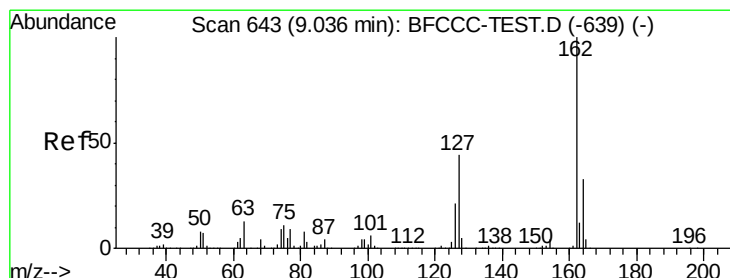
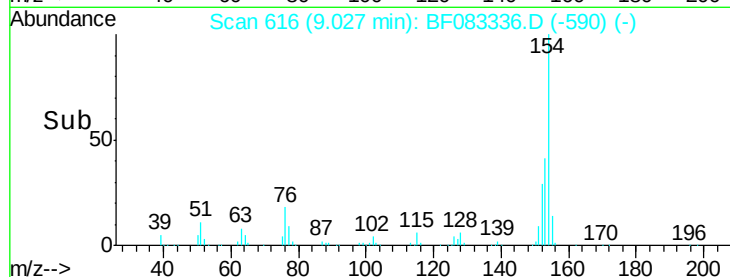
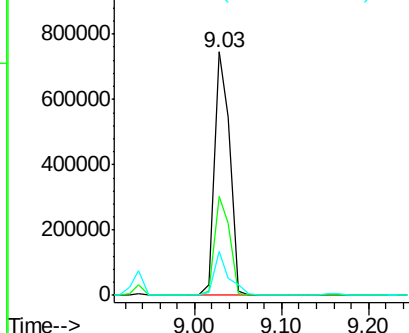
Tot Ion:	154	Resp:	921221
Ion Ratio		Lower	Upper
154	100		
153	40.9	20.5	60.5
76	18.1	0.0	31.2

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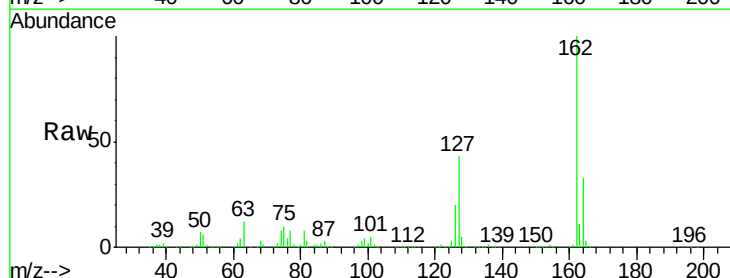


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

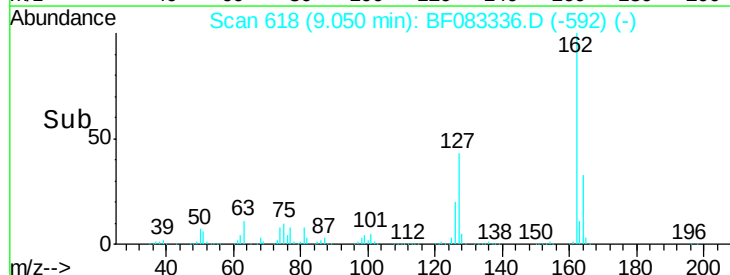
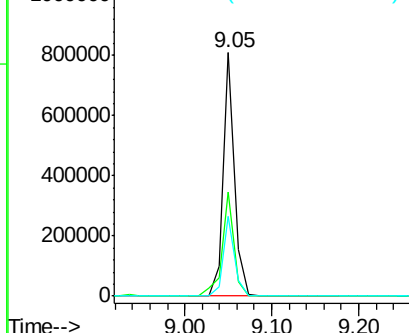


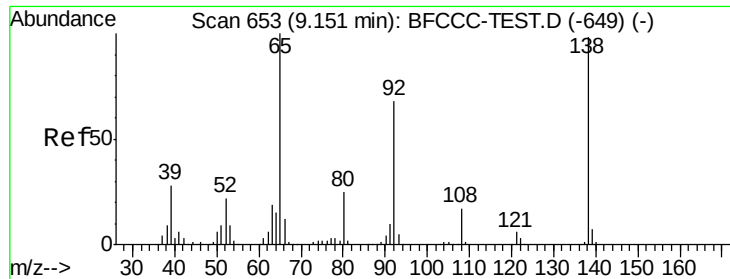
#46
2-Chloronaphthalene
Concen: 36.78 ng
RT: 9.05 min Scan# 618
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:	162	Resp:	738875
Ion Ratio		Lower	Upper
162	100		
127	42.6	29.4	44.2
164	32.8	26.2	39.4



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





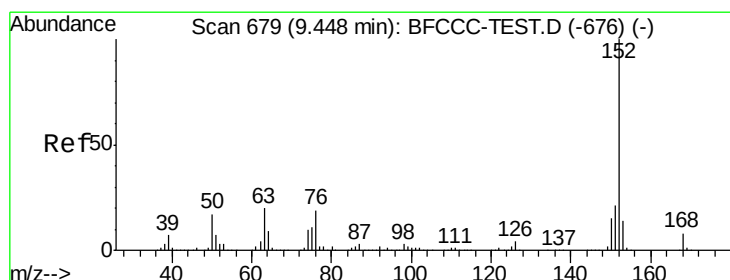
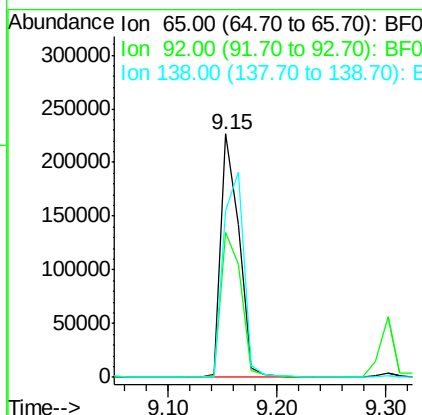
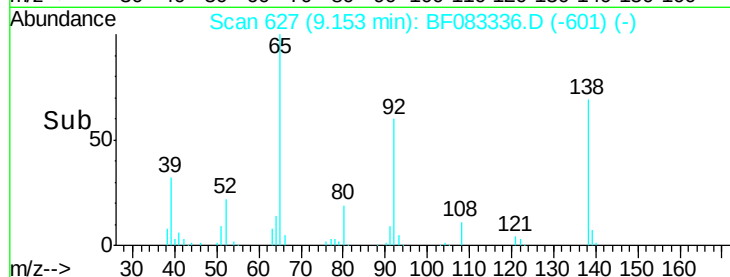
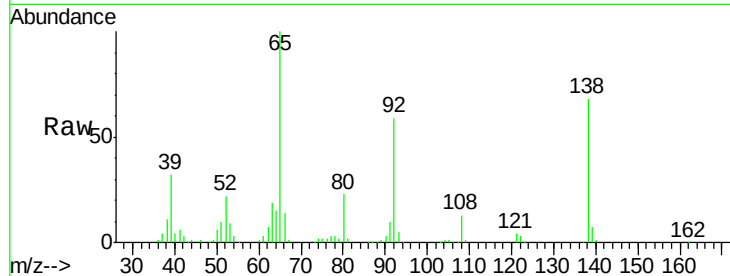
#47
2-Nitroaniline
Concen: 34.64 ng
RT: 9.15 min Scan# 627
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.5	49.5	74.3
138	68.5	60.7	91.1

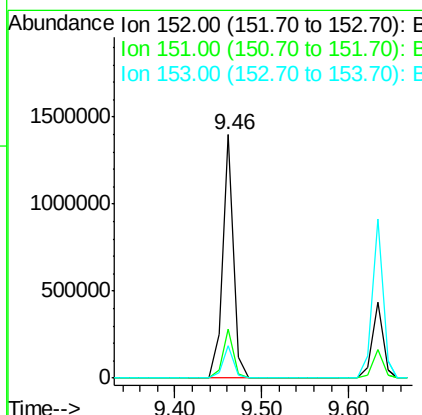
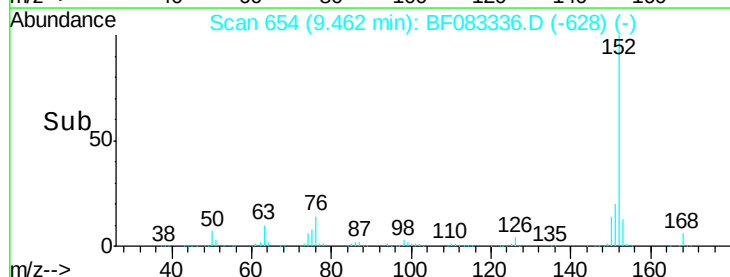
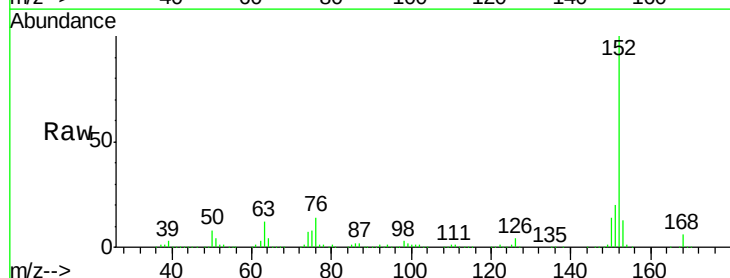
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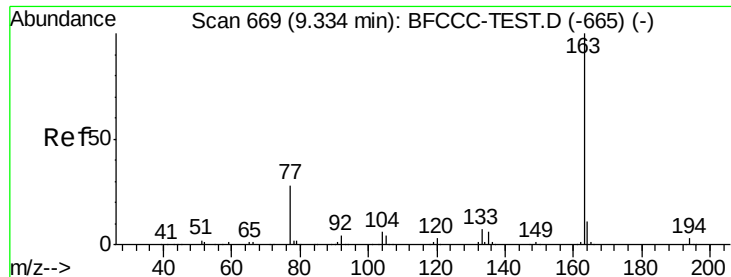
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12/1/2015 5:23:02 PM



#48
Acenaphthylene
Concen: 39.13 ng
RT: 9.46 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	13.5	10.8	16.2





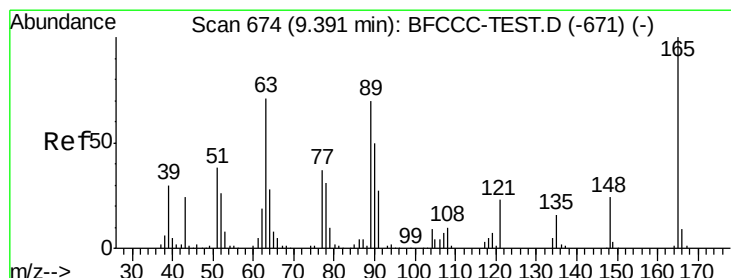
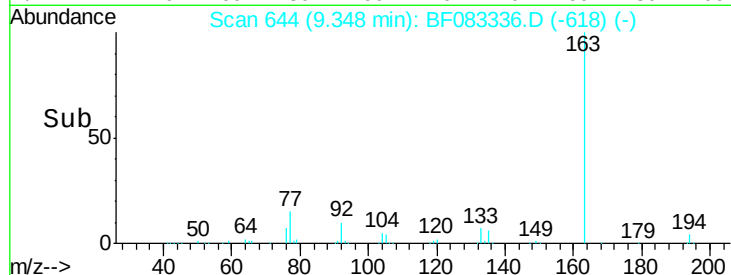
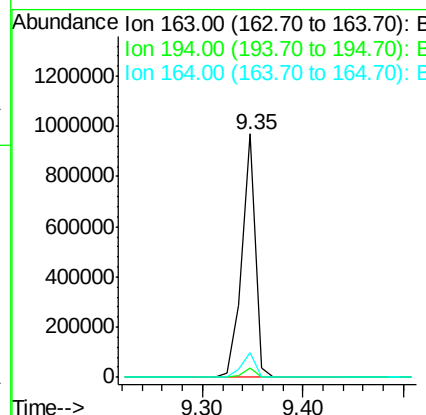
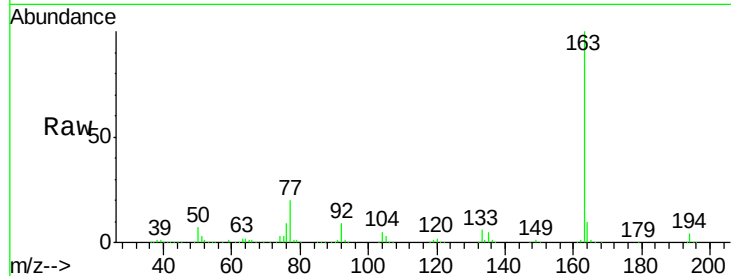
#49
Dimethylphthalate
Concen: 40.18 ng
RT: 9.35 min Scan# 644
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.7	2.6	4.0	
164	10.3	8.6	12.8	

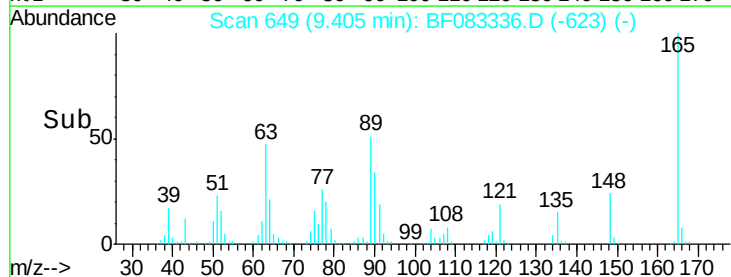
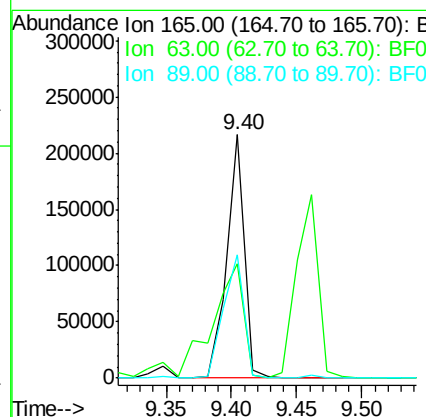
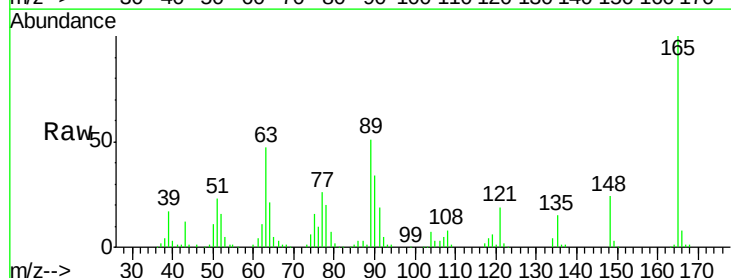
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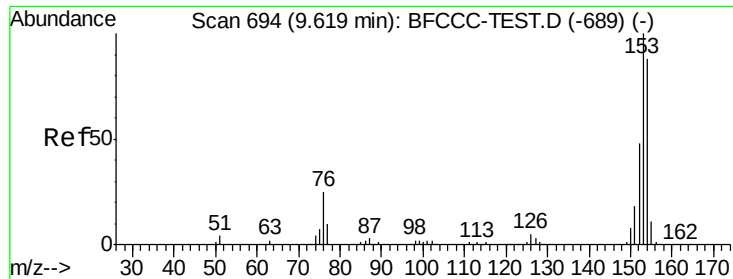
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12/1/2015 5:23:02 PM



#50
2,6-Dinitrotoluene
Concen: 40.19 ng
RT: 9.40 min Scan# 649
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	47.2	62.5	93.7#	
89	50.8	59.1	88.7#	





#51

Acenaphthene

Concen: 38.26 ng

RT: 9.63 min Scan# 669

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

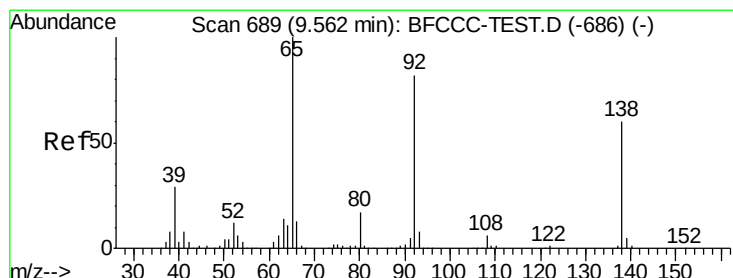
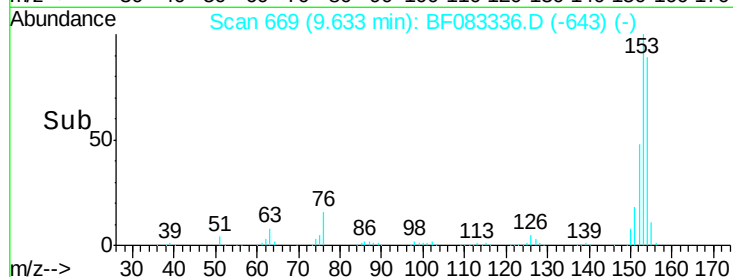
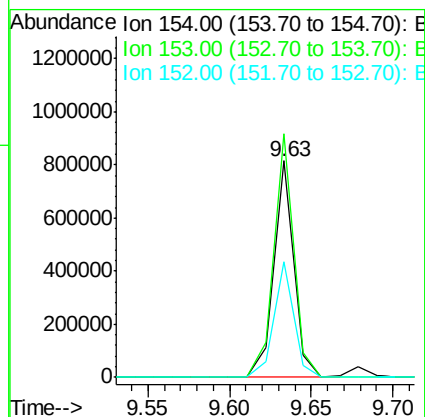
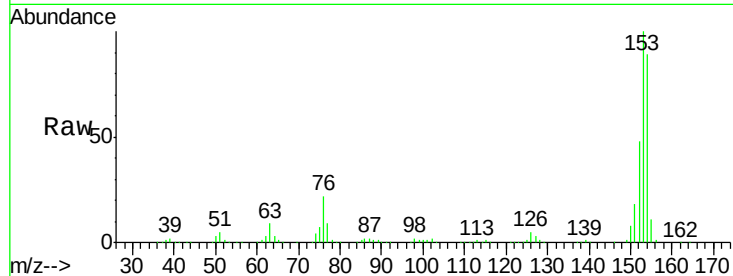
ClientSampleId :

ICVBF112715

Tot Ion:	154	Resp:	699324
Ion Ratio	Lower	Upper	
154	100		
153	112.4	89.6	134.4
152	53.6	43.3	64.9

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12/1/2015 5:23:02 PM



#52

3-Nitroaniline

Concen: 36.97 ng

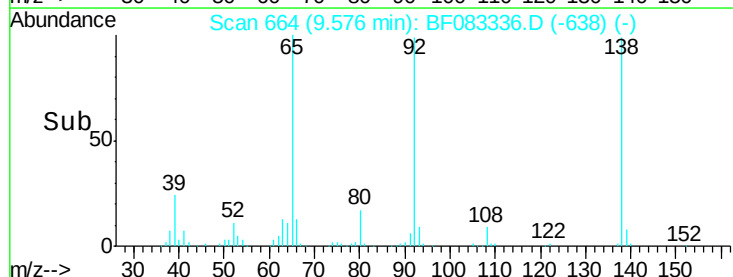
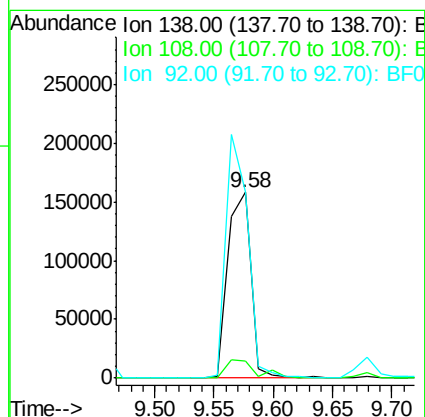
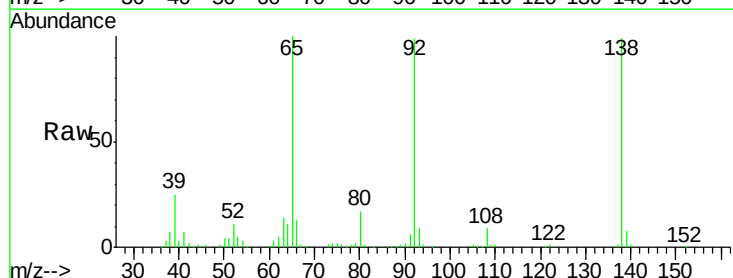
RT: 9.58 min Scan# 664

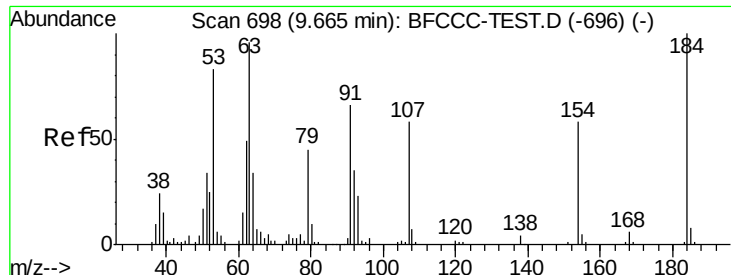
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	138	Resp:	214691
Ion Ratio	Lower	Upper	
138	100		
108	9.4	7.8	11.6
92	100.5	81.1	121.7





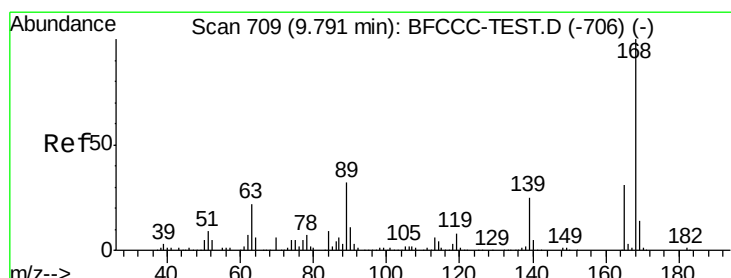
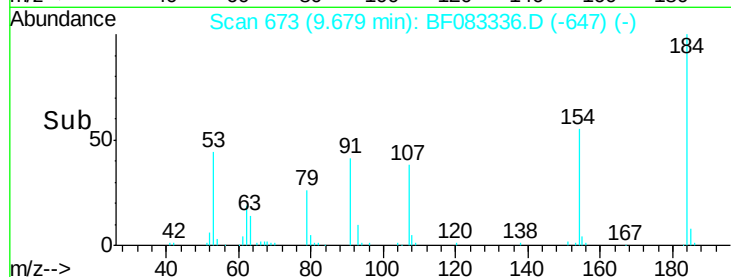
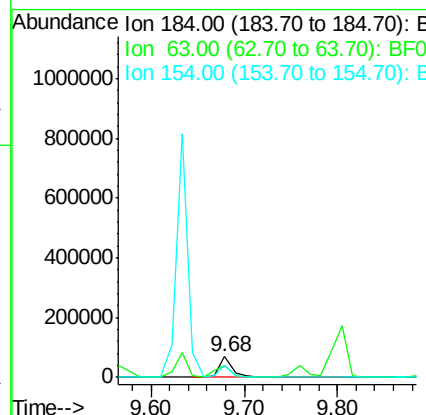
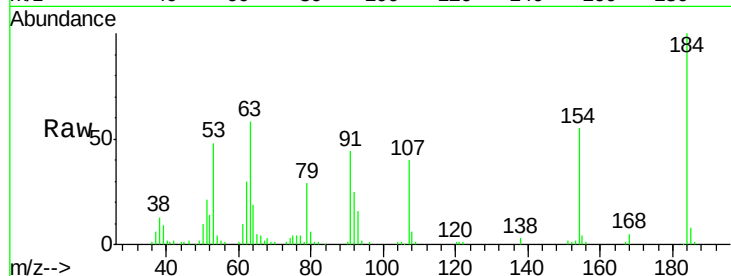
#53
 2,4-Dinitrophenol
 Concen: 45.62 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion	Ratio	Lower	Upper
184	100		
63	58.0	60.5	90.7#
154	55.3	54.3	81.5

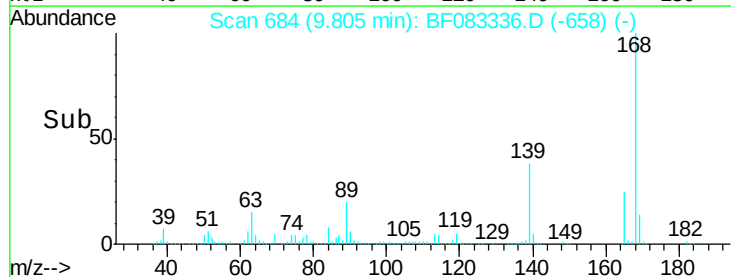
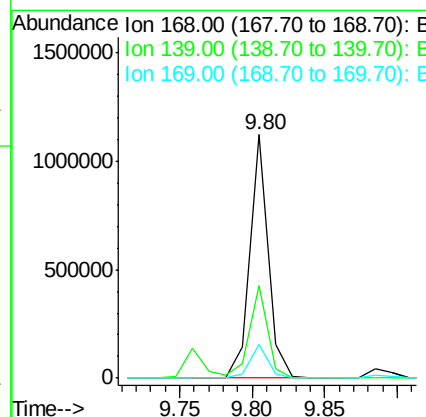
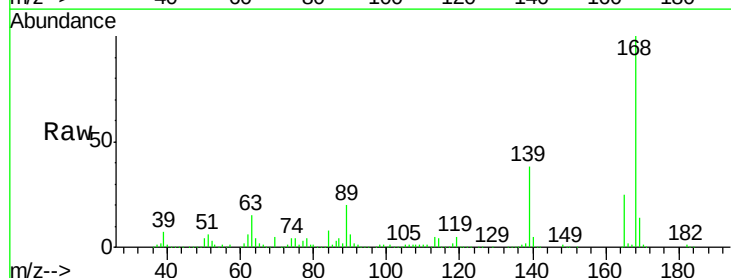
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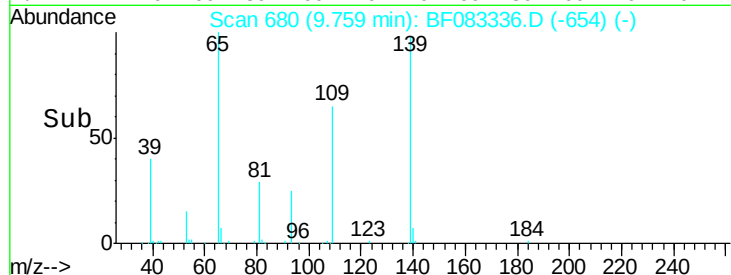
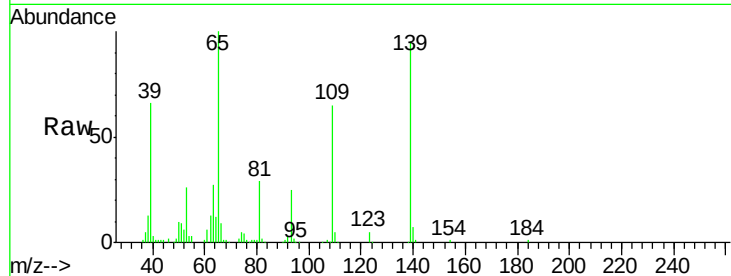
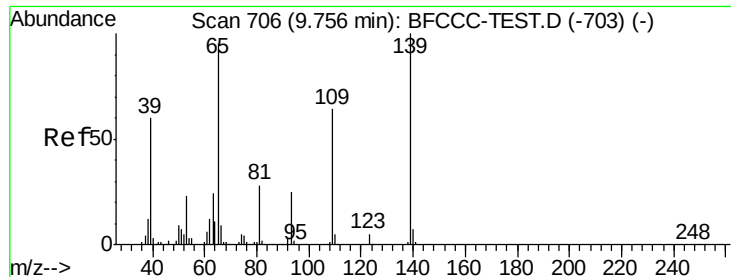
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#54
 Dibenzofuran
 Concen: 37.72 ng
 RT: 9.80 min Scan# 684
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.2	45.2
169	13.8	10.9	16.3





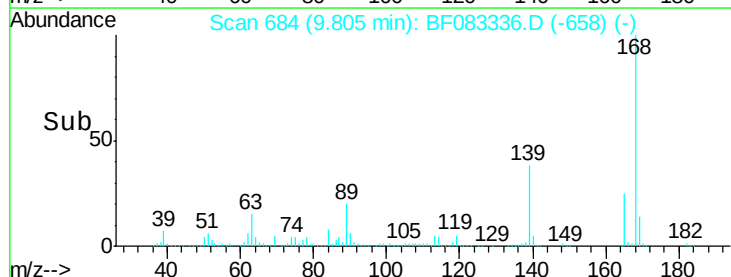
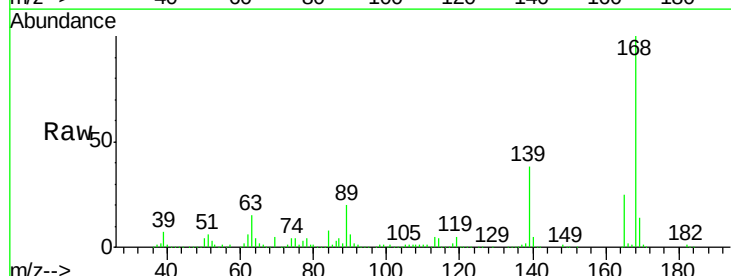
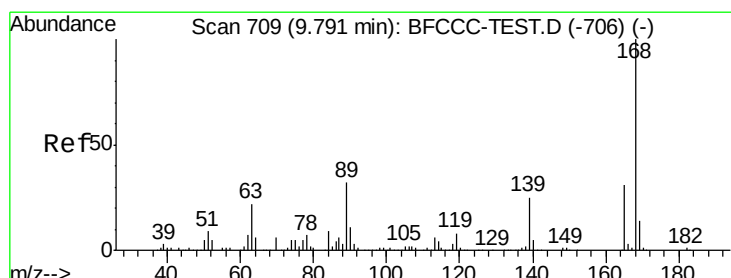
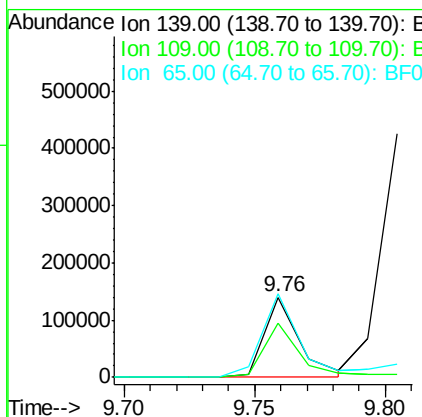
#55
4-Nitrophenol
Concen: 41.29 ng
RT: 9.76 min Scan# 680
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tot Ion	Ratio	Resp	Lower	Upper
139	100	129302		
109	68.5	64.0	104.0	
65	105.2	109.5	149.5	

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

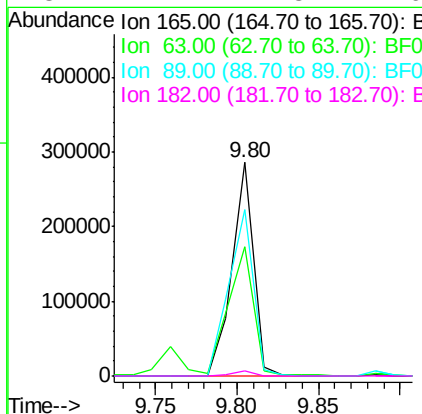
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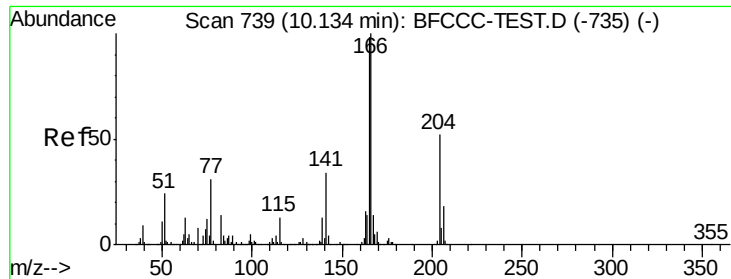
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#56
2,4-Dinitrotoluene
Concen: 41.26 ng
RT: 9.80 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	259469		
63	60.7	54.5	81.7	
89	77.9	77.3	115.9	
182	2.2	1.8	2.6	





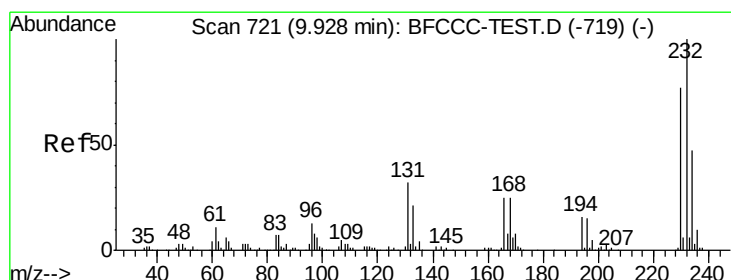
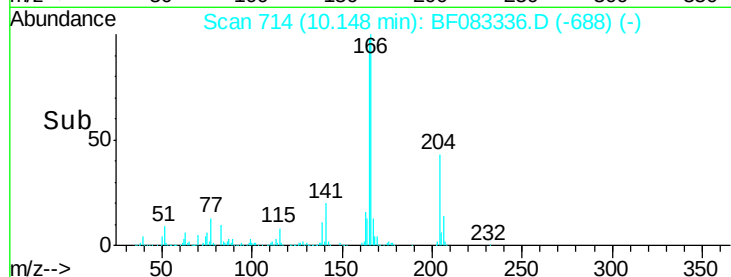
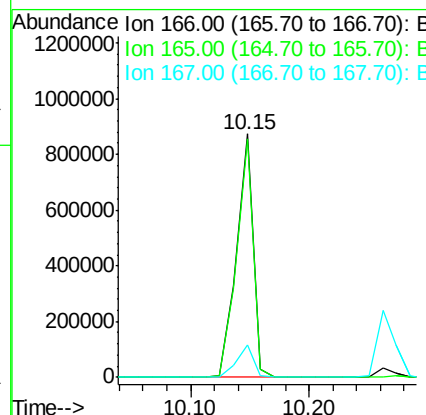
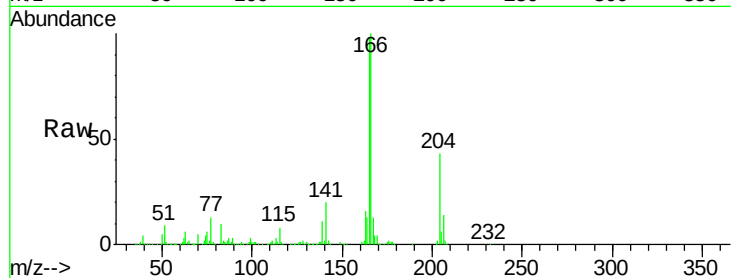
#57
 Fluorene
 Concen: 40.26 ng
 RT: 10.15 min Scan# 714
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	97.8	78.0	117.0	
167	13.4	11.3	16.9	

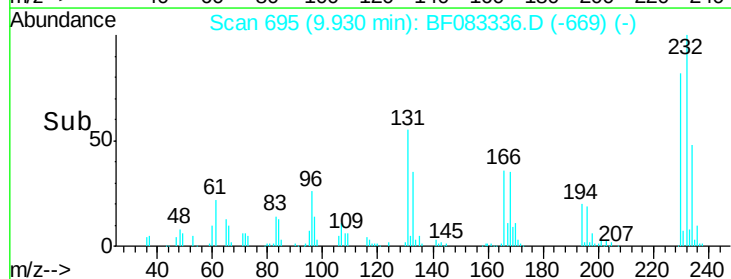
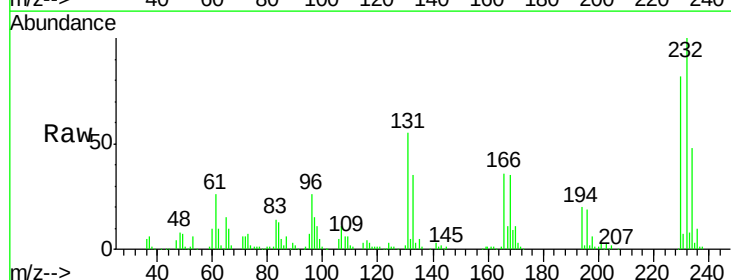
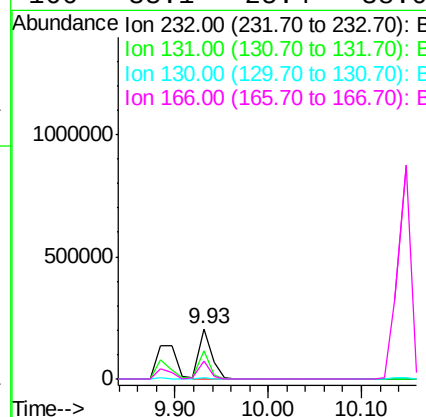
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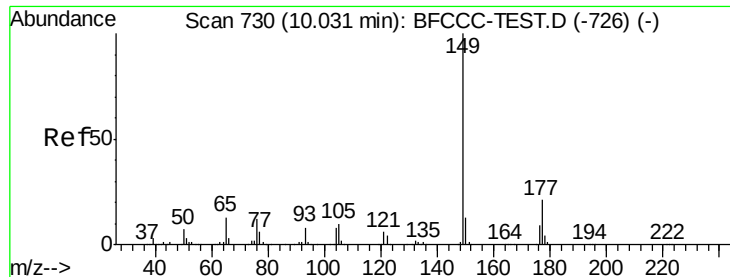
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.04 ng
 RT: 9.93 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	49.2	38.6	57.8	
130	2.3	1.9	2.9	
166	33.1	25.4	38.0	





#59

Diethylphthalate

Concen: 37.36 ng

RT: 10.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

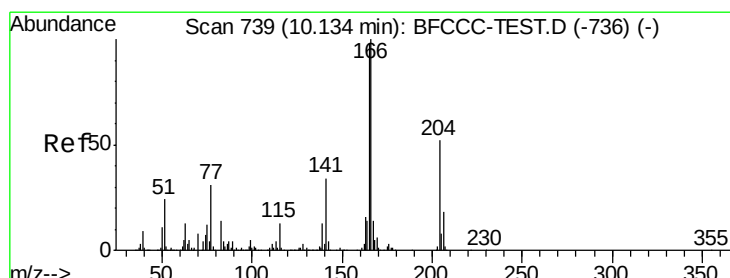
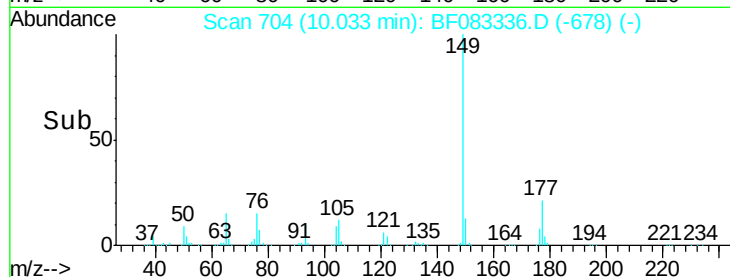
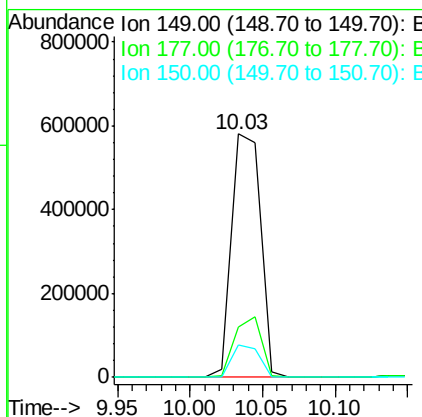
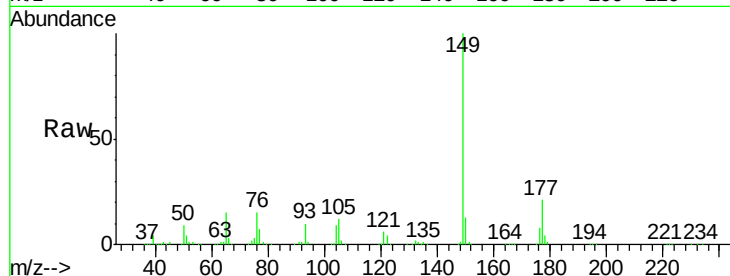
ClientSampleId :

ICVBF112715

Tot Ion:	149	Resp:	805909
Ion Ratio		Lower	Upper
149	100		
177	20.7	19.4	29.2
150	13.5	10.2	15.2

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#60

4-Chlorophenyl-phenylether

Concen: 38.21 ng

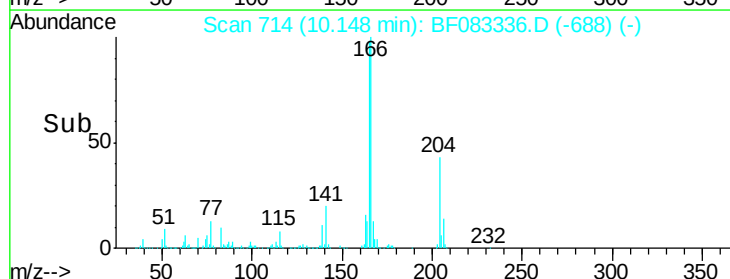
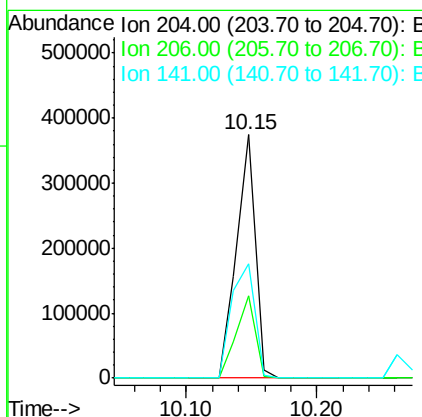
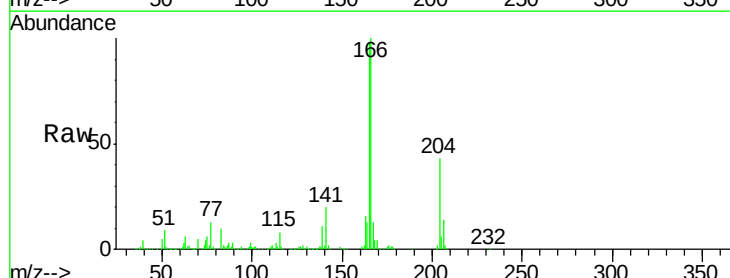
RT: 10.15 min Scan# 714

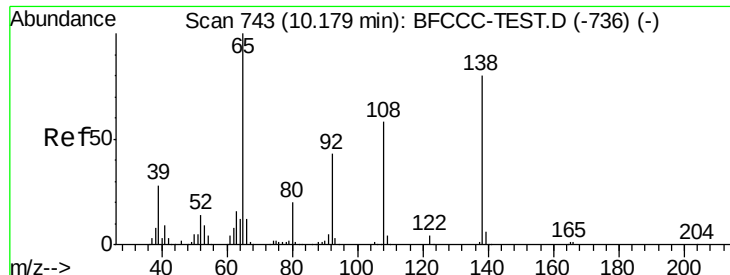
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	204	Resp:	374102
Ion Ratio		Lower	Upper
204	100		
206	33.7	27.4	41.0
141	46.9	57.4	86.2#





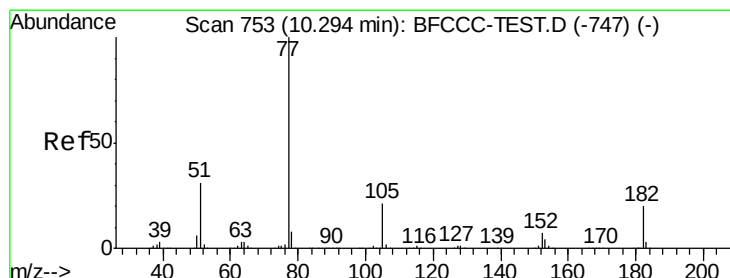
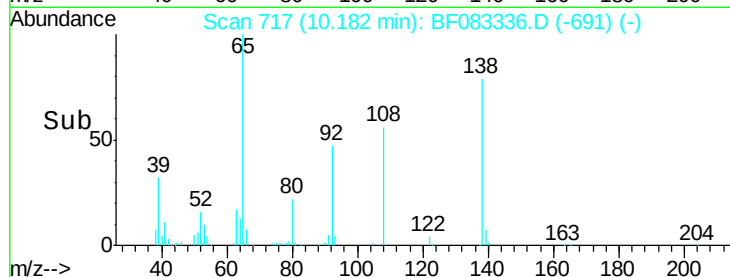
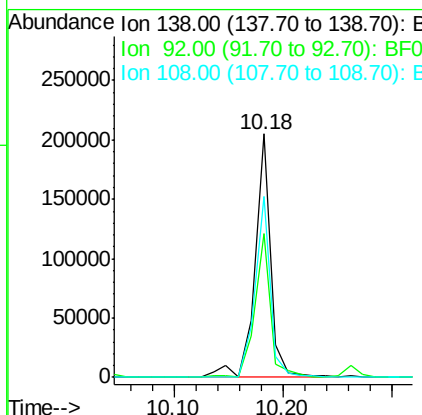
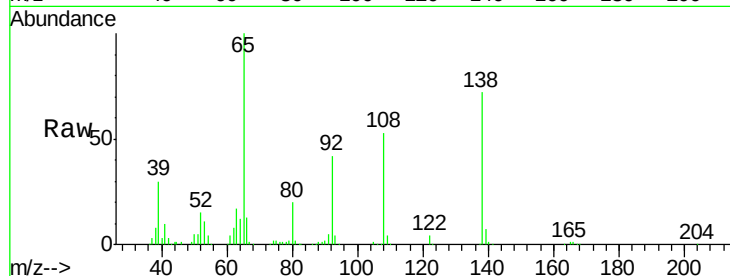
#61
4-Nitroaniline
Concen: 39.10 ng
RT: 10.18 min Scan# 717
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.2	28.4	68.4
108	74.5	53.5	93.5

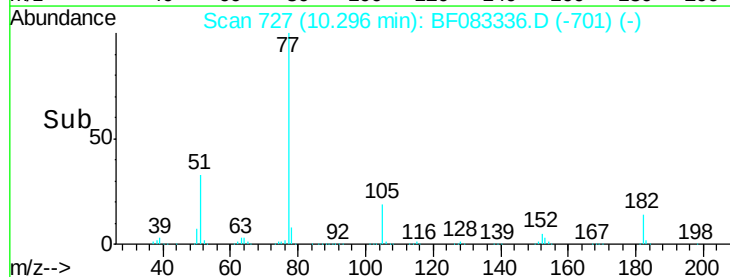
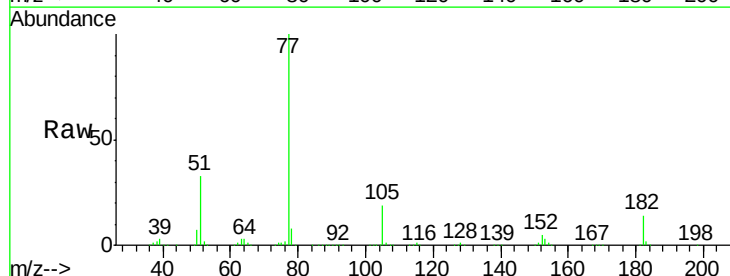
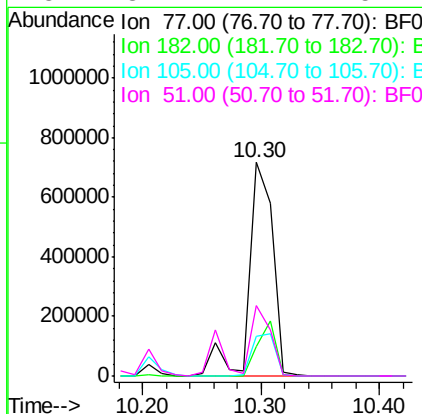
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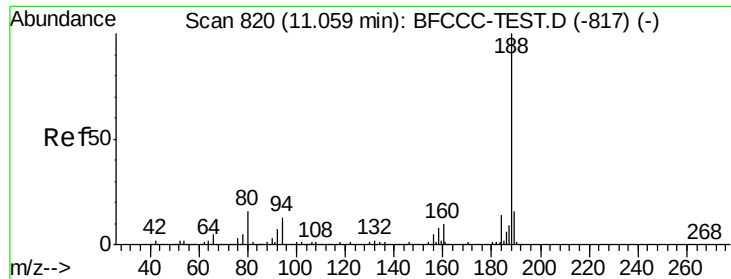
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12/1/2015 5:23:02 PM



#62
Azobenzene
Concen: 37.19 ng
RT: 10.30 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	13.6	0.0	38.3
105	18.7	1.2	41.2
51	32.7	11.1	51.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 795

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

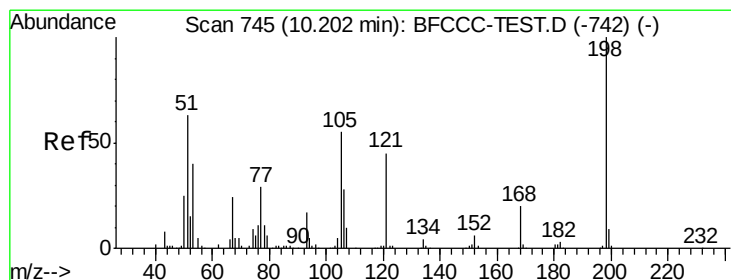
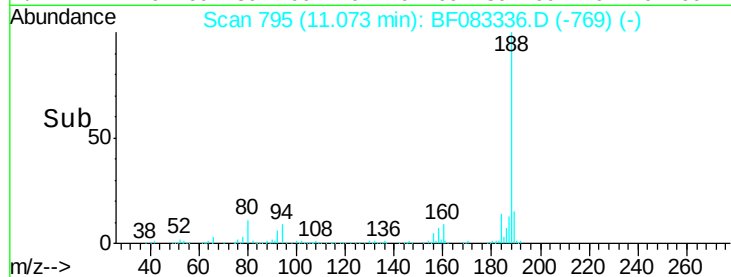
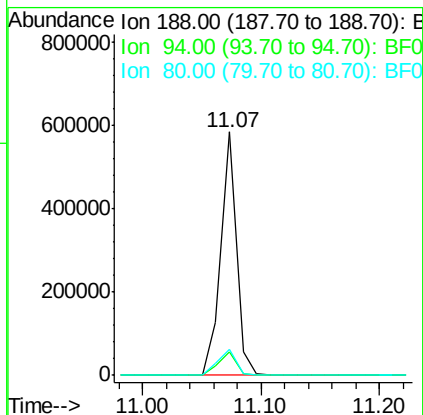
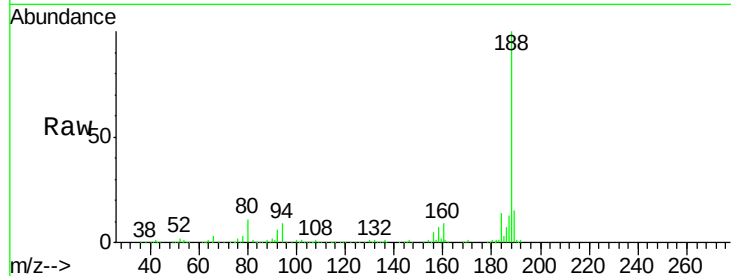
ClientSampleId :

ICVBF112715

Tot Ion	188	Resp	531981
Ion Ratio	Lower	Upper	
188	100		
94	9.5	6.0	9.0#
80	10.6	6.7	10.1#

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12/1/2015 5:23:02 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 37.31 ng

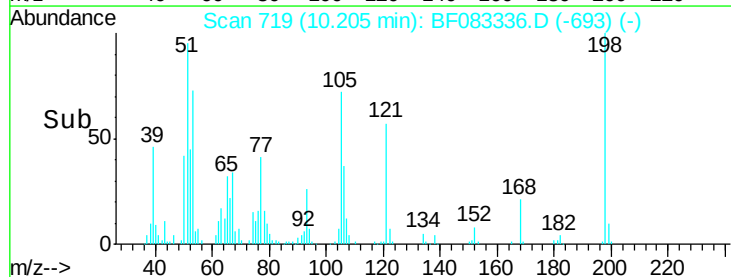
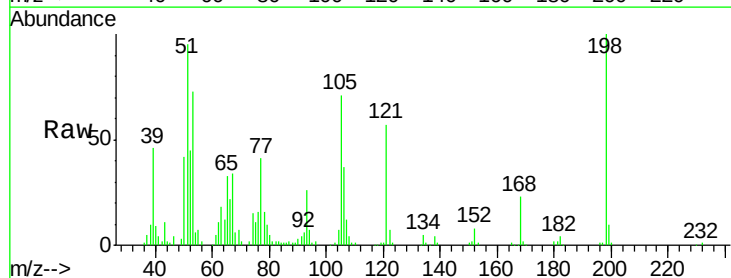
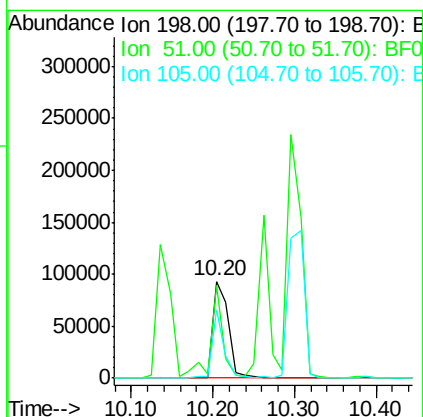
RT: 10.20 min Scan# 719

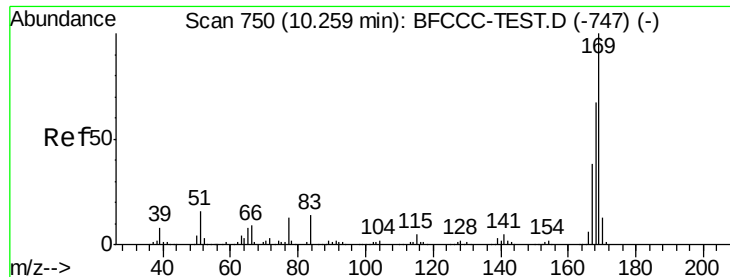
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion	198	Resp	123097
Ion Ratio	Lower	Upper	
198	100		
51	95.1	27.0	67.0#
105	71.1	26.1	66.1#





#65

n-Nitrosodiphenylamine

Concen: 34.84 ng

RT: 10.26 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF112715

Tot Ion:169 Resp: 673023

Ion Ratio Lower Upper

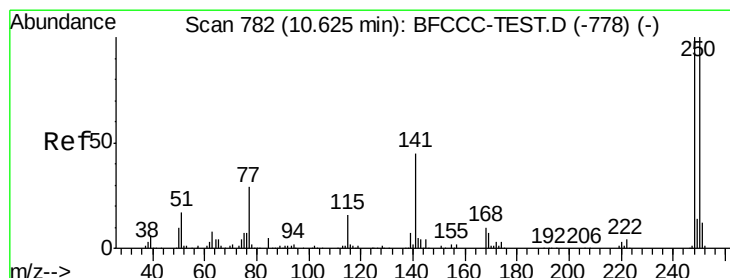
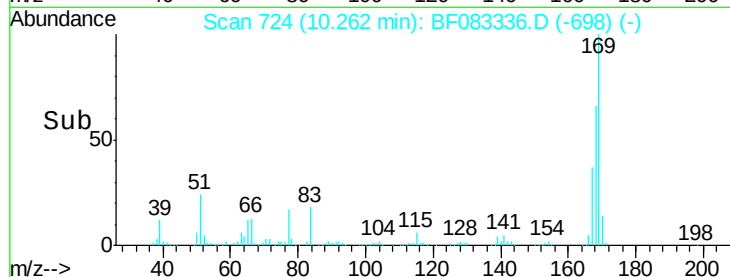
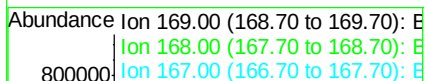
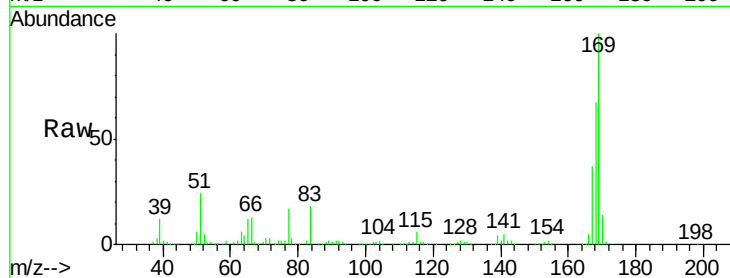
169 100

168 66.6 53.8 80.6

167 36.8 29.8 44.8

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12/1/2015 5:23:02 PM



#66

4-Bromophenyl-phenylether

Concen: 38.14 ng

RT: 10.63 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

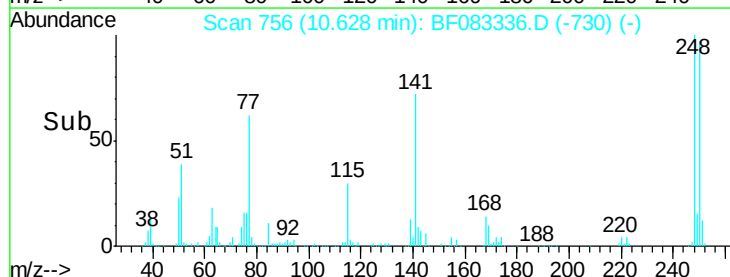
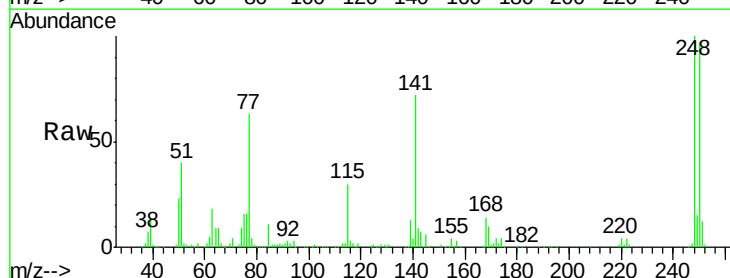
Tgt Ion:248 Resp: 229042

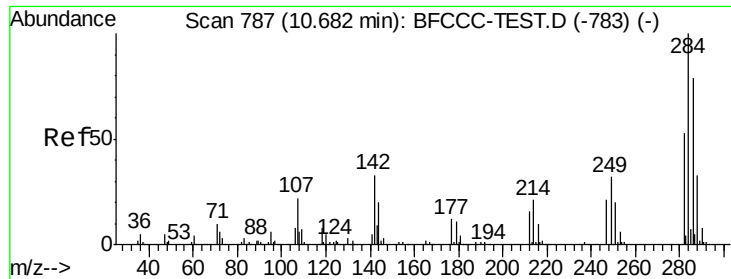
Ion Ratio Lower Upper

248 100

250 97.4 75.4 113.2

141 72.3 48.1 72.1#





#67

Hexachlorobenzene

Concen: 36.67 ng

RT: 10.70 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

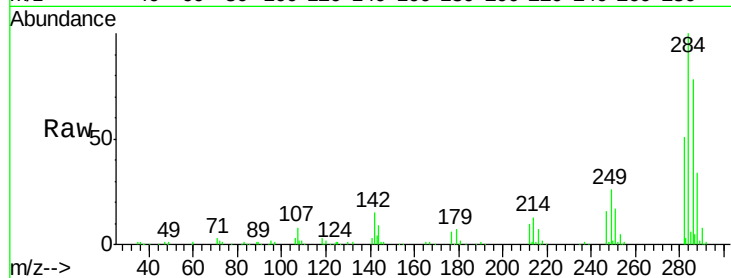
ClientSampleId :

ICVBF112715

Tot Ion	Ratio	Resp	Lower	Upper
284	100	246036		
142	14.7	27.6	41.4#	
249	26.0	25.5	38.3	

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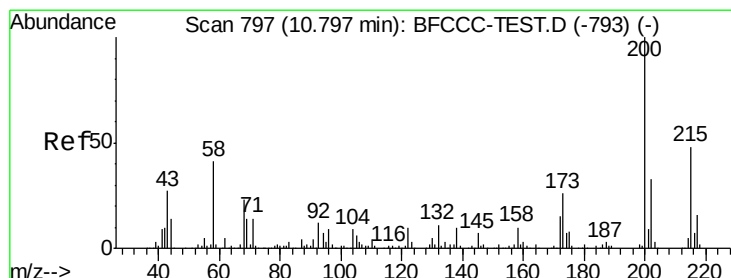
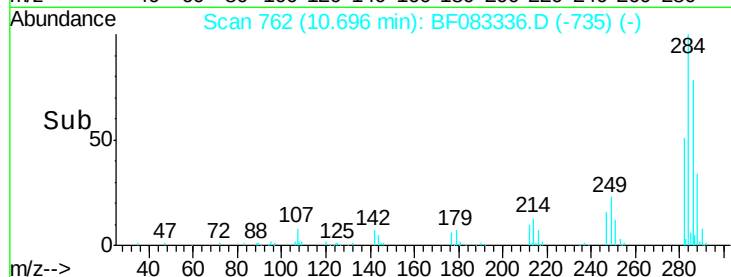
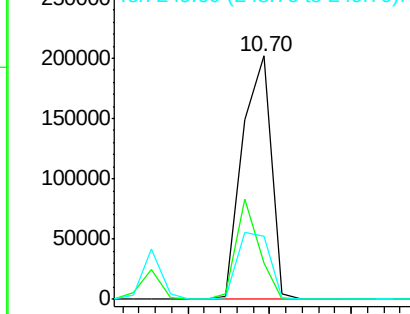
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 39.20 ng

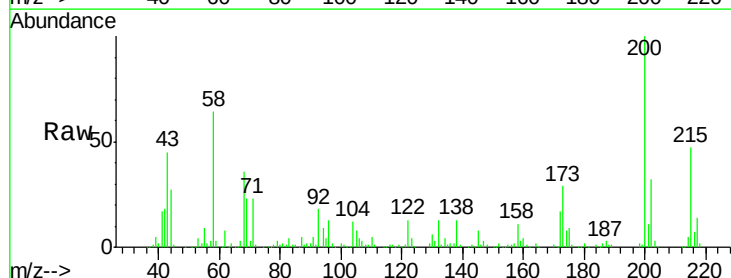
RT: 10.80 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

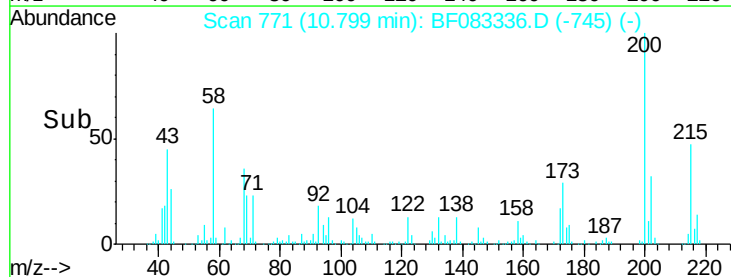
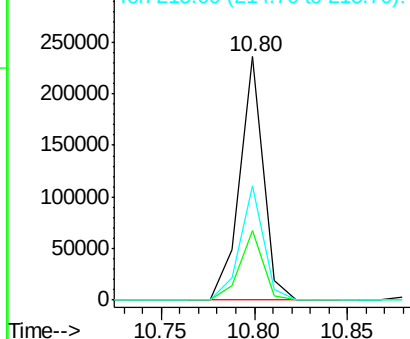
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	208616		
173	28.7	7.2	47.2	
215	46.8	25.7	65.7	

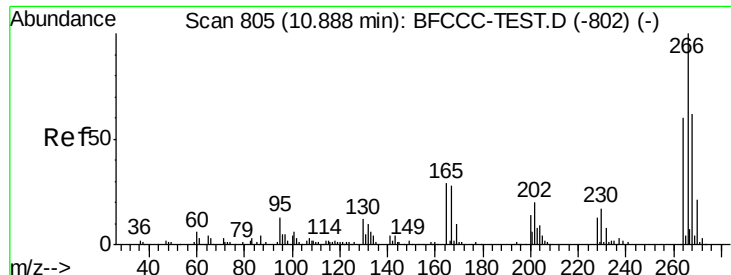


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





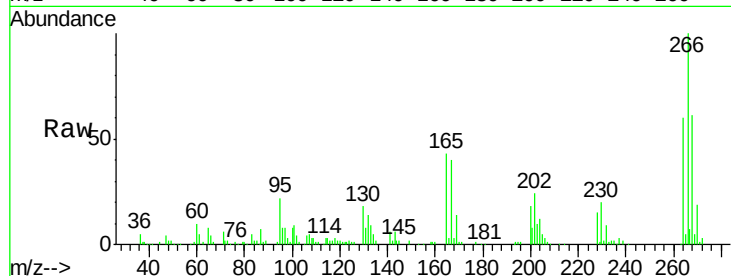
#69
 Pentachlorophenol
 Concen: 40.20 ng
 RT: 10.89 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

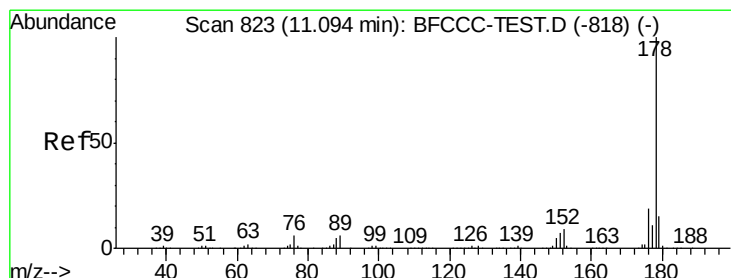
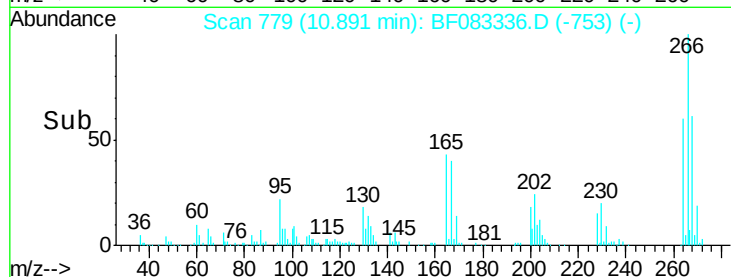
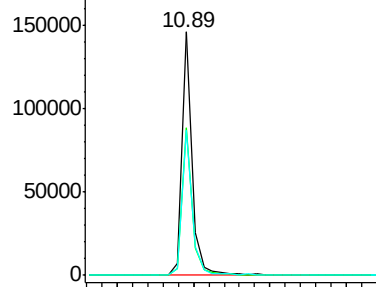
Tot Ion	Ratio	Resp	Lower	Upper
266	100	133531		
268	60.5	51.4	77.0	
264	59.8	51.7	77.5	

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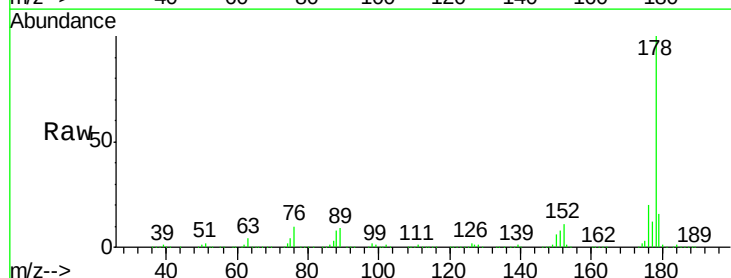


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

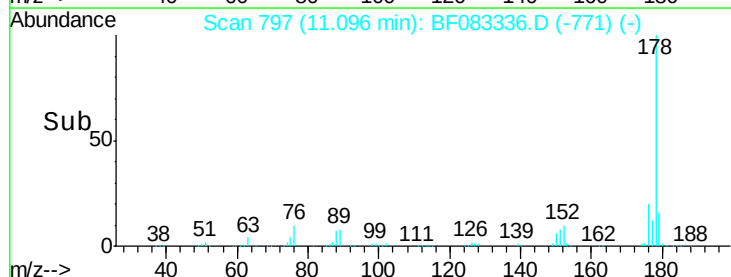
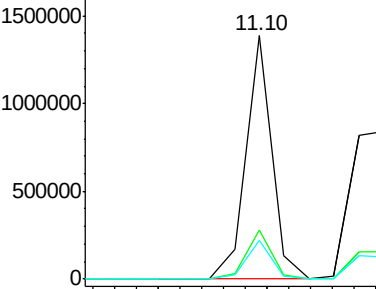


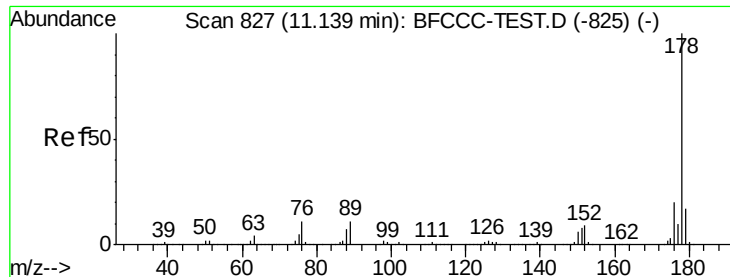
#70
 Phenanthrene
 Concen: 37.11 ng
 RT: 11.10 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1162592		
176	20.4	16.2	24.2	
179	16.0	12.8	19.2	



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





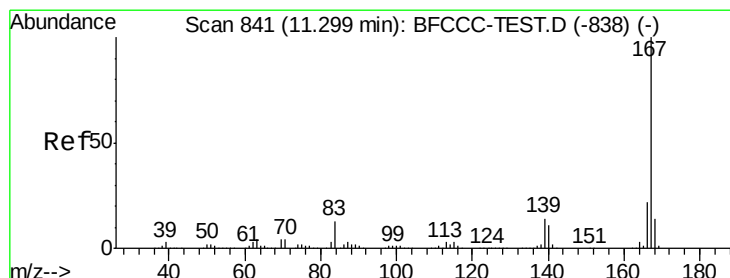
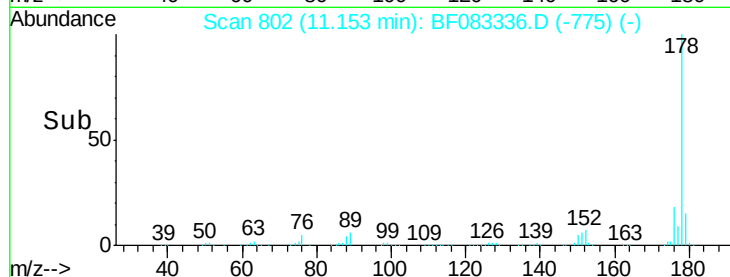
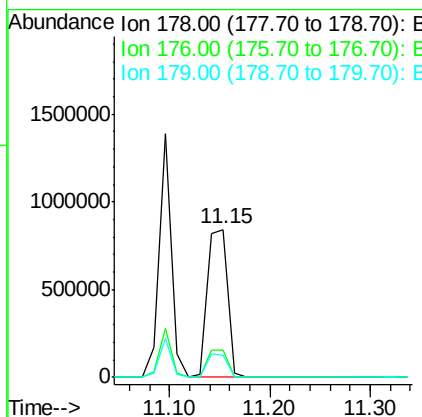
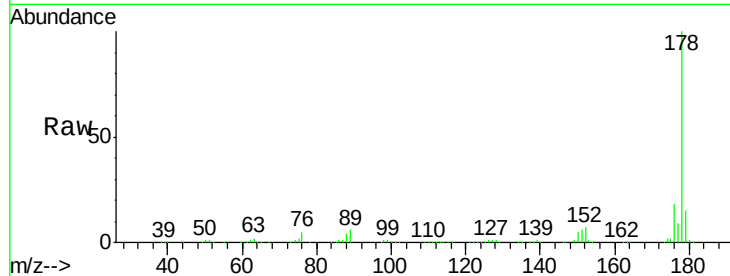
#71
 Anthracene
 Concen: 36.77 ng
 RT: 11.15 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion:178 Resp: 1176610
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.6 23.4
 179 15.3 13.2 19.8

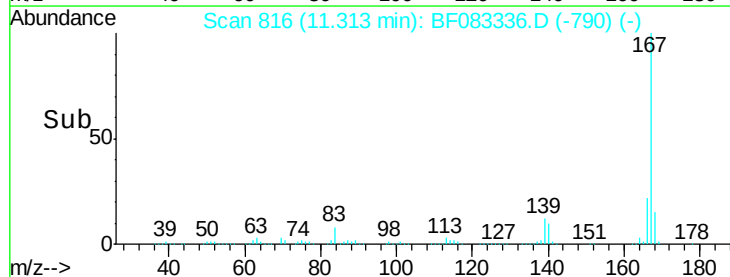
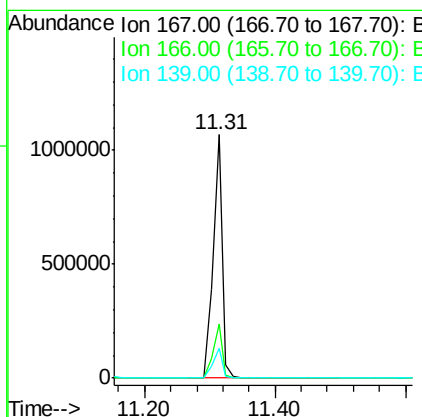
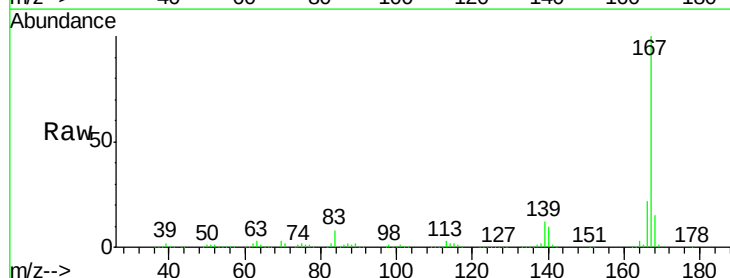
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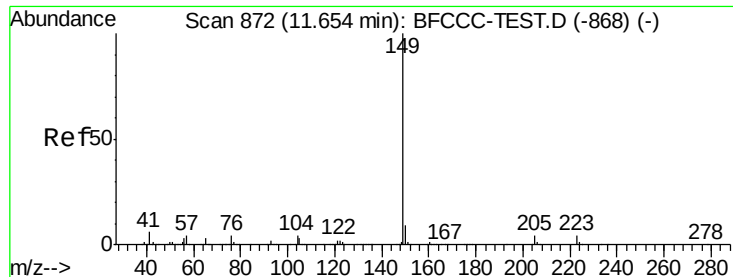
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 12/1/2015 5:23:02 PM



#72
 Carbazole
 Concen: 39.30 ng
 RT: 11.31 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion:167 Resp: 1057288
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.0 27.0
 139 12.4 10.5 15.7





#73

Di-n-butylphthalate

Concen: 39.92 ng

RT: 11.66 min Scan# 846

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

ClientSampleId :

ICVBF112715

Tot Ion:149 Resp: 1284073

Ion Ratio Lower Upper

149 100

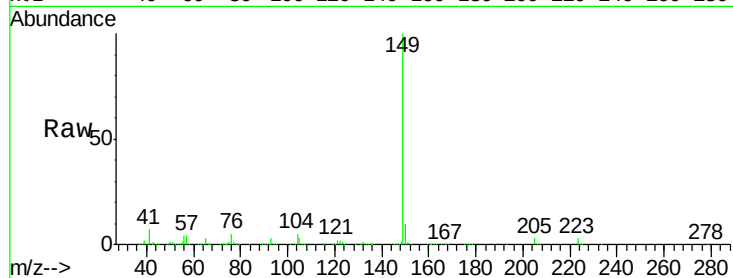
150 9.6 8.0 12.0

104 4.7 4.4 6.6

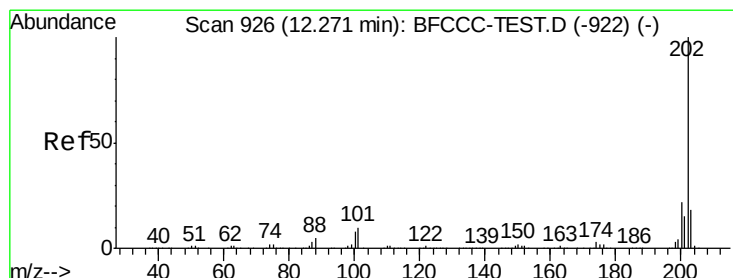
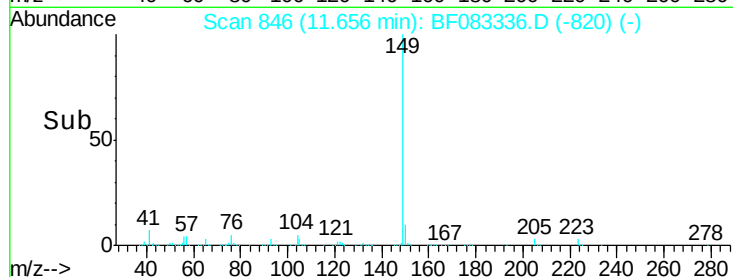
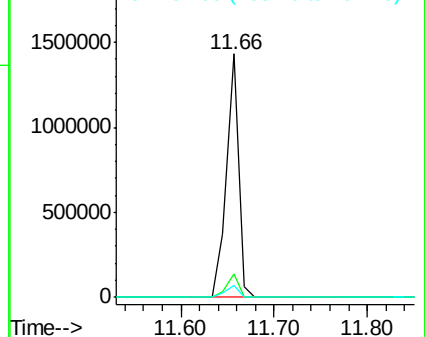
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.87 ng

RT: 12.27 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

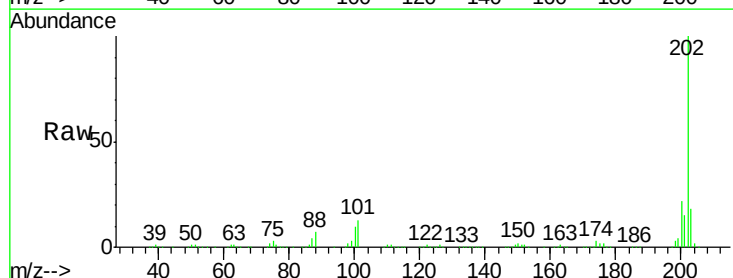
Tgt Ion:202 Resp: 1069249

Ion Ratio Lower Upper

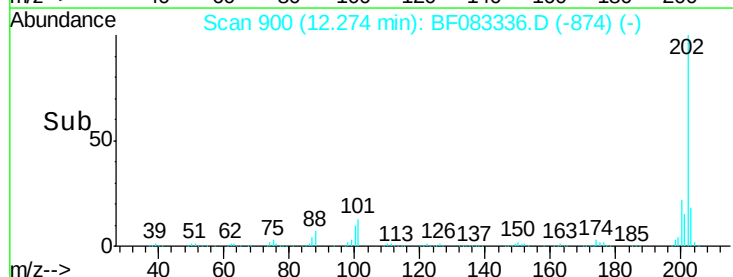
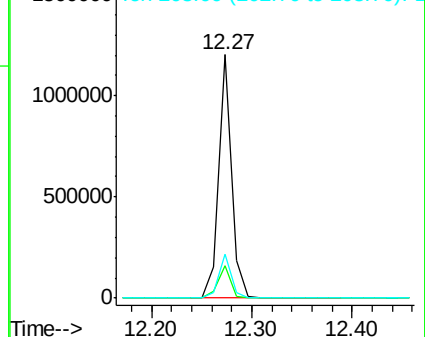
202 100

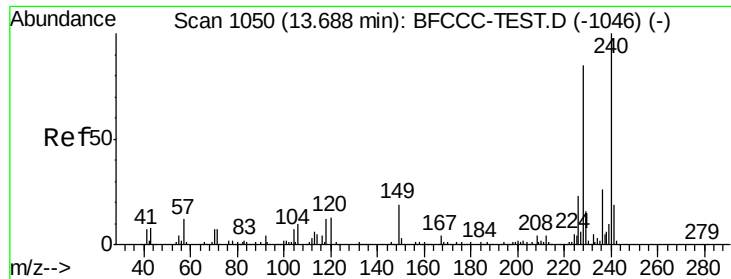
101 13.5 0.0 32.3

203 18.2 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

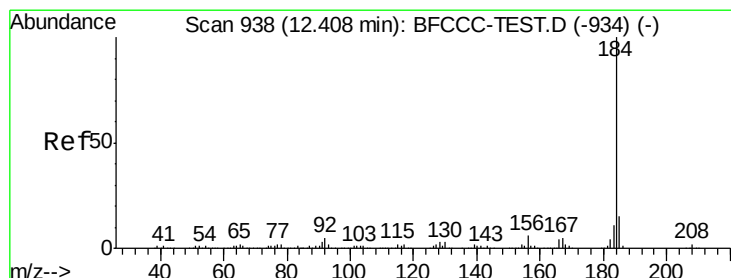
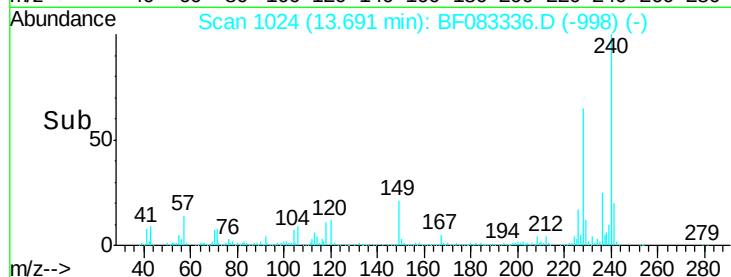
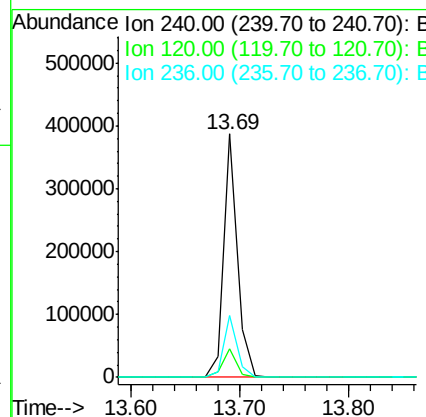
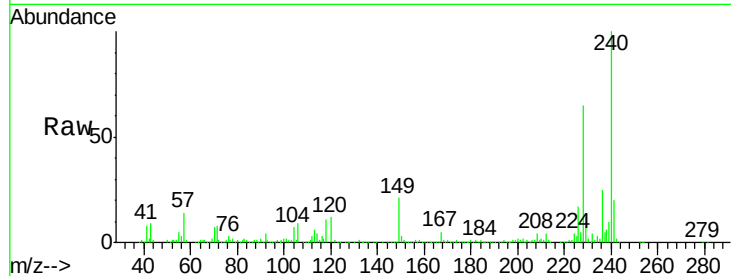
ClientSampleId :

ICVBF112715

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.9	5.4	8.2
236	25.3	20.6	31.0

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12/1/2015 5:23:02 PM



#76

Benzidine

Concen: 36.84 ng

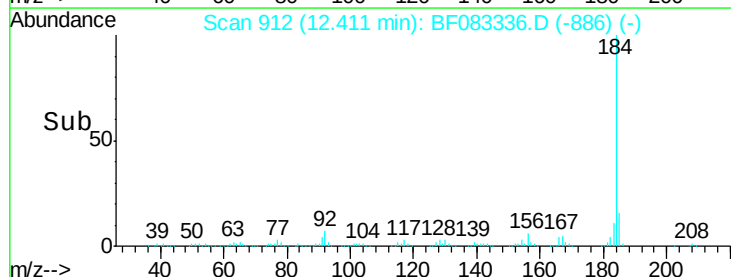
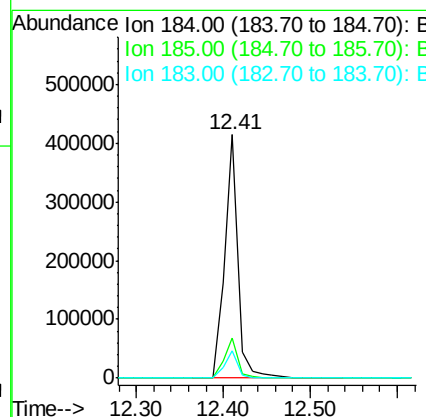
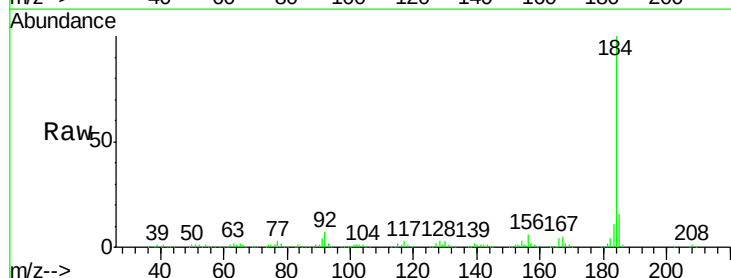
RT: 12.41 min Scan# 912

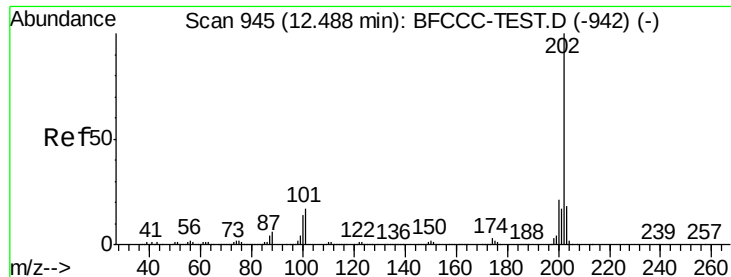
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	16.3	11.7	17.5
183	11.4	8.8	13.2





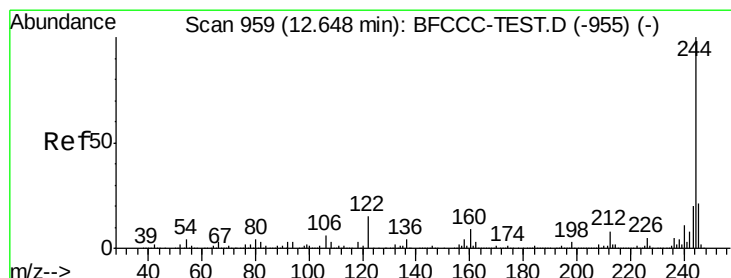
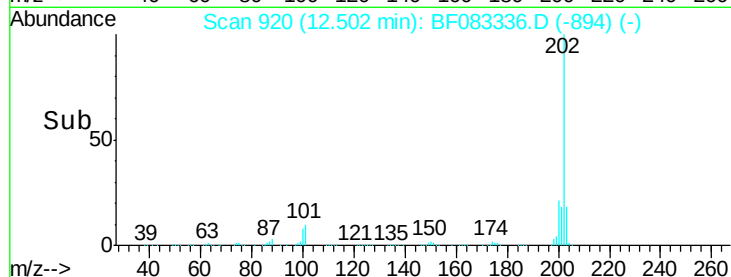
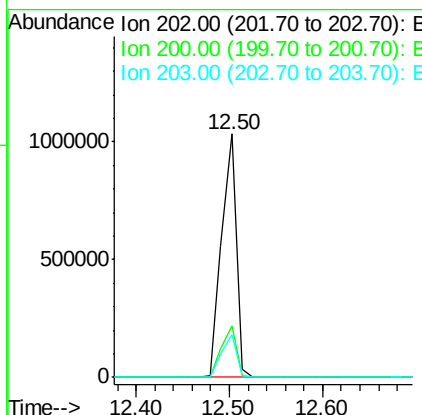
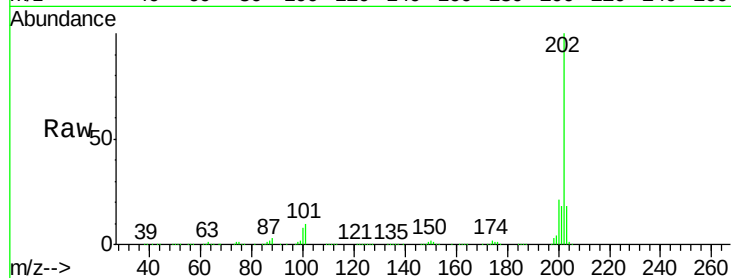
#77
Pvrene
Concen: 39.38 ng
RT: 12.50 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion:202 Resp: 1124357
Ion Ratio Lower Upper
202 100
200 21.4 17.8 26.6
203 17.6 15.0 22.4

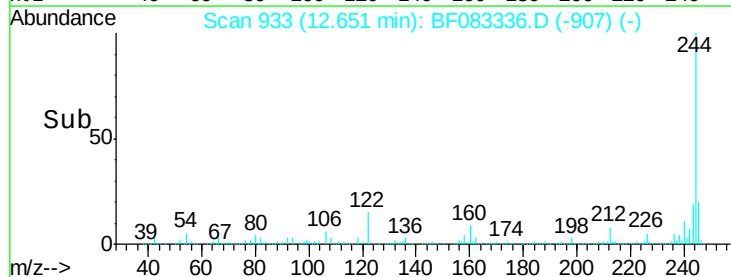
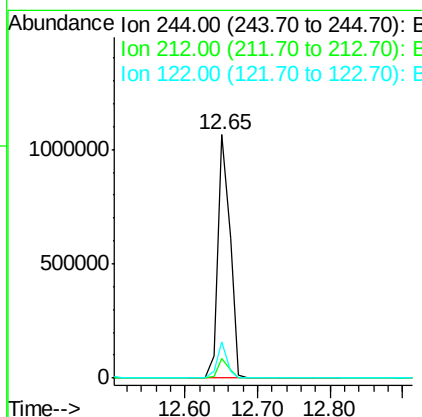
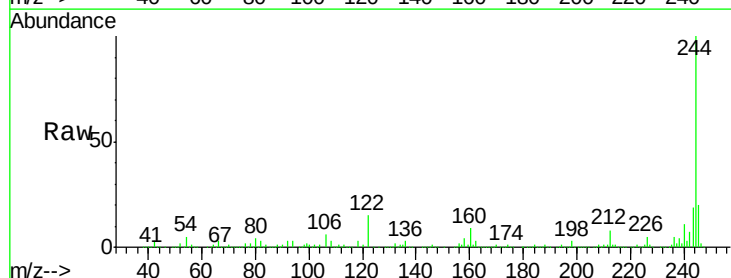
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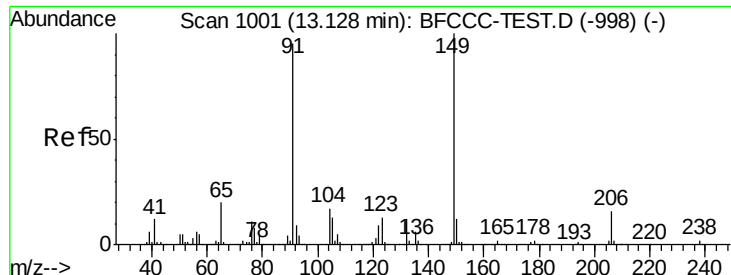
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12/1/2015 5:23:02 PM



#78
Terphenyl-d14
Concen: 72.47 ng
RT: 12.65 min Scan# 933
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion:244 Resp: 1228183
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 14.9 4.3 6.5#





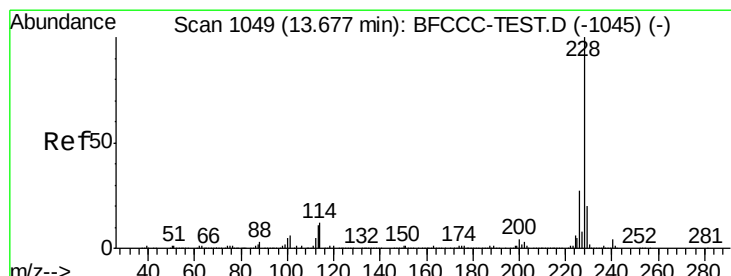
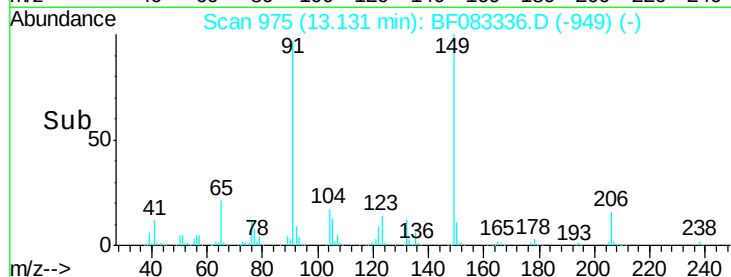
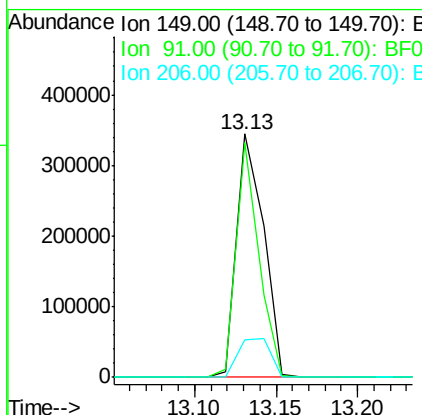
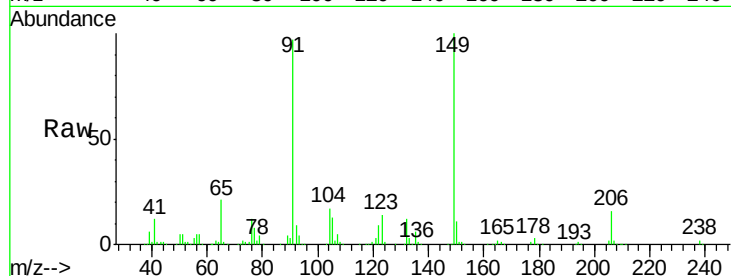
#79
Butylbenzylphthalate
Concen: 36.84 ng
RT: 13.13 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Resp	Lower	Upper
149	100	391444		
91	96.5	61.5	92.3#	
206	15.7	15.3	22.9	

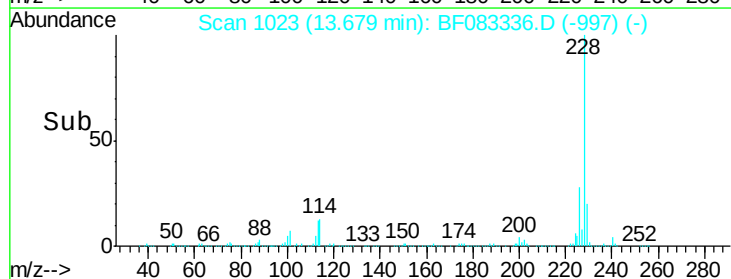
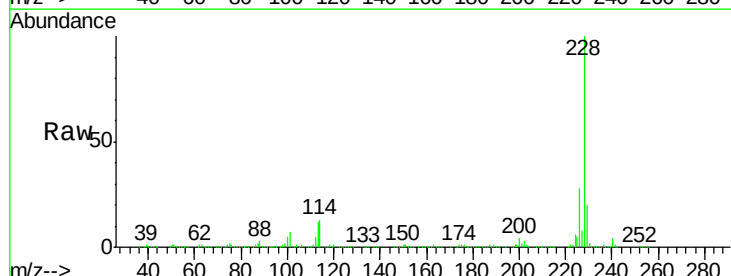
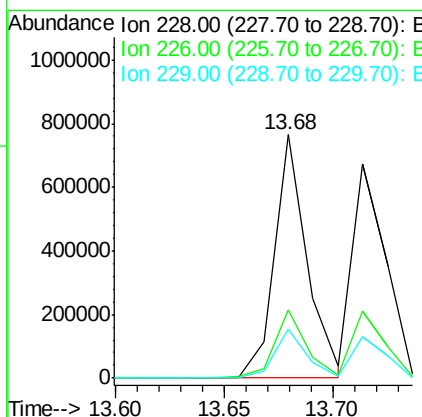
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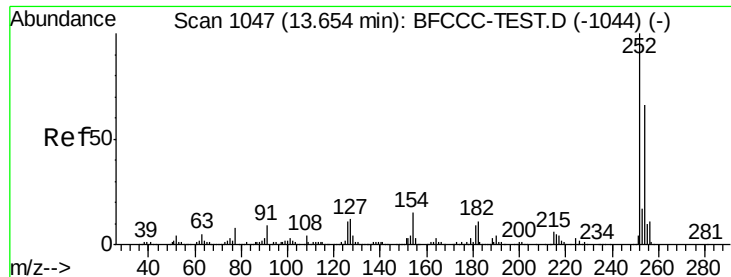
Mmdadoda
12/1/2015 5:23:02 PM



#80
Benzo(a)anthracene
Concen: 36.72 ng
RT: 13.68 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803021		
226	27.9	22.6	33.8	
229	20.4	16.6	24.8	





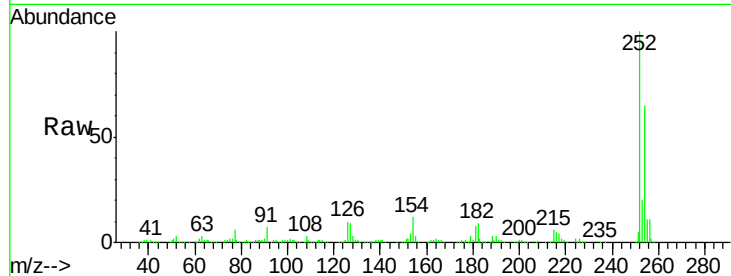
#81
 3,3'-Dichlorobenzidine
 Concen: 37.12 ng
 RT: 13.66 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

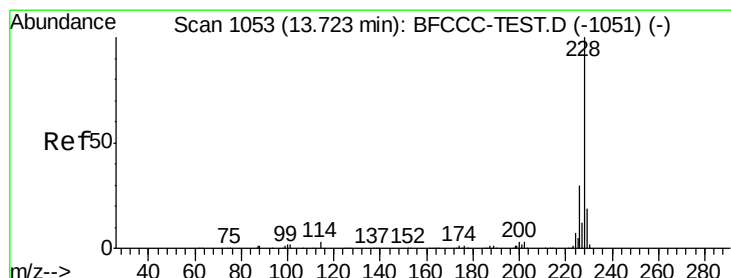
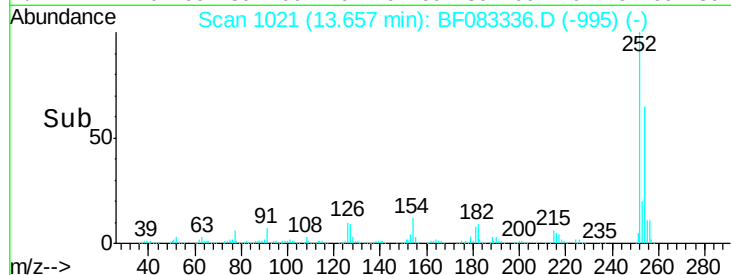
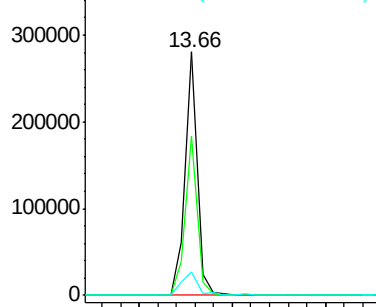
Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	65.4	51.5	77.3
126	9.6	5.2	7.8

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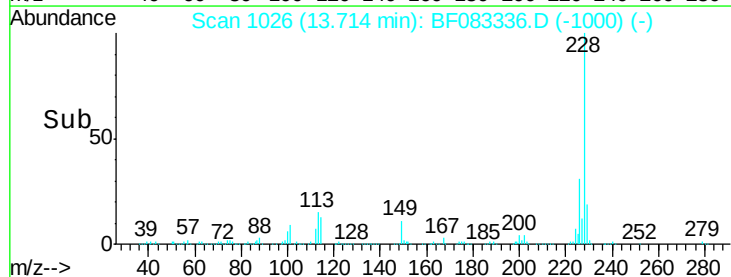
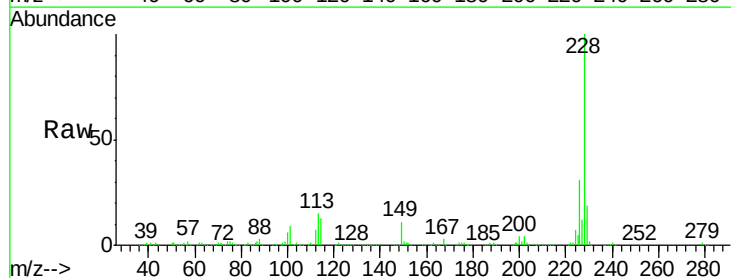
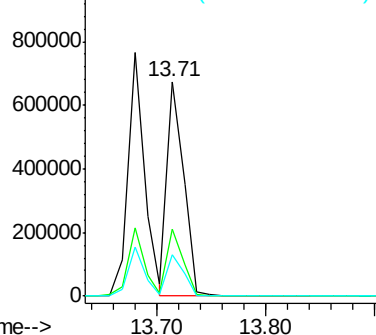
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

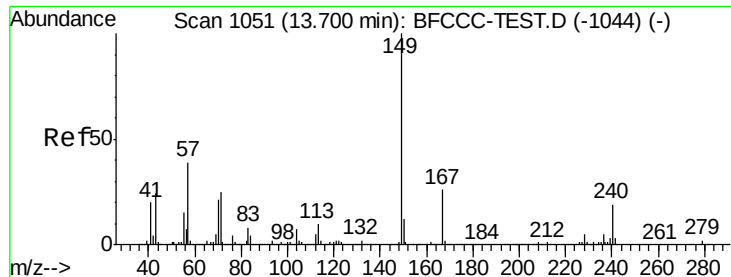


#82
 Chrysene
 Concen: 34.75 ng
 RT: 13.71 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	31.0	25.5	38.3
229	19.5	16.6	25.0

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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.13 ng

RT: 13.70 min Scan# 1025

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

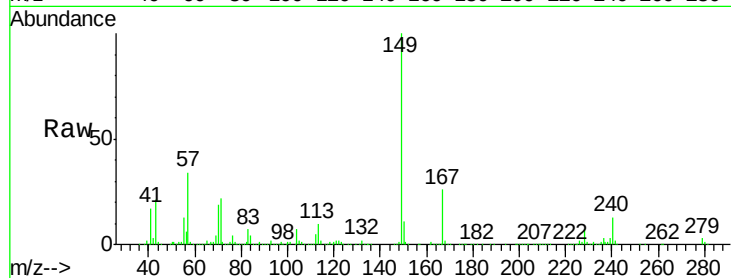
ClientSampleId :

ICVBF112715

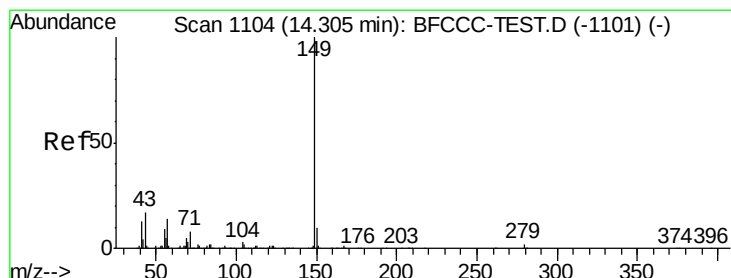
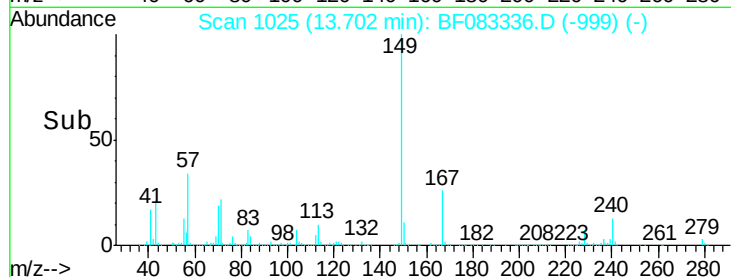
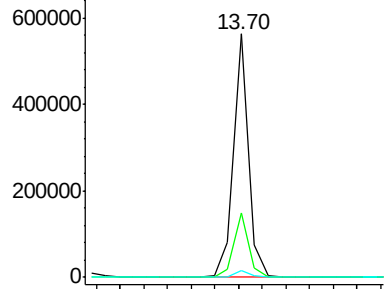
Tot Ion:	149	Resp:	500830
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.1	30.1
279	2.7	1.7	2.5#

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12/1/2015 5:23:02 PM



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



#84

Di-n-octyl phthalate

Concen: 36.74 ng

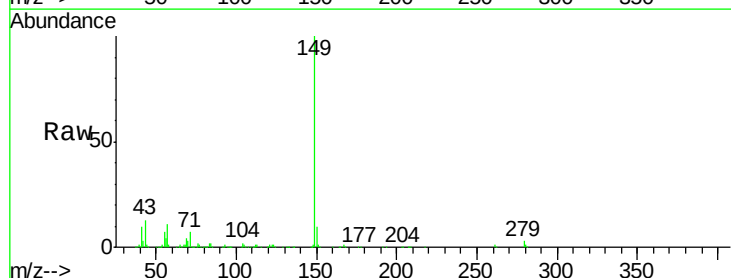
RT: 14.31 min Scan# 1078

Delta R.T. 0.00 min

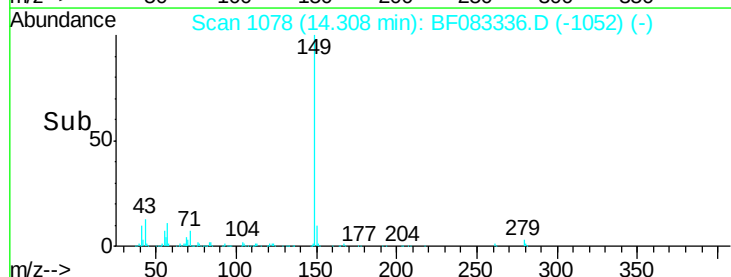
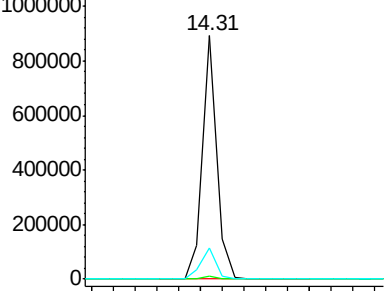
Lab File: BF083336.D

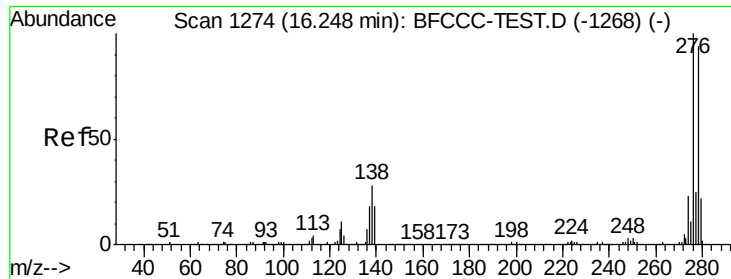
Acq: 27 Nov 2015 18:57

Tgt Ion:	149	Resp:	805322
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	13.5	9.5	14.3



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





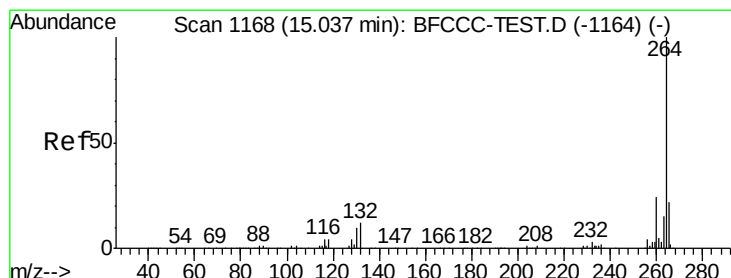
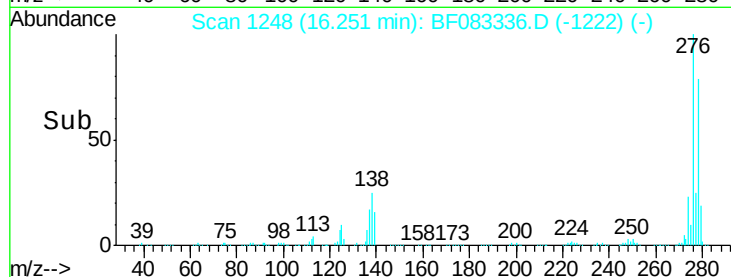
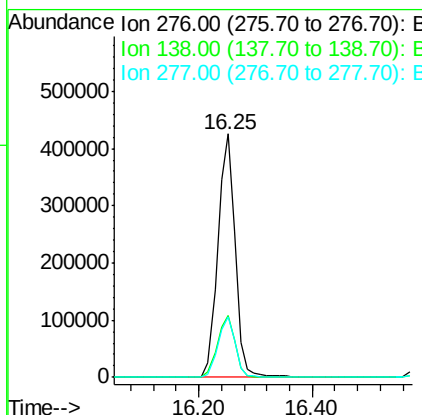
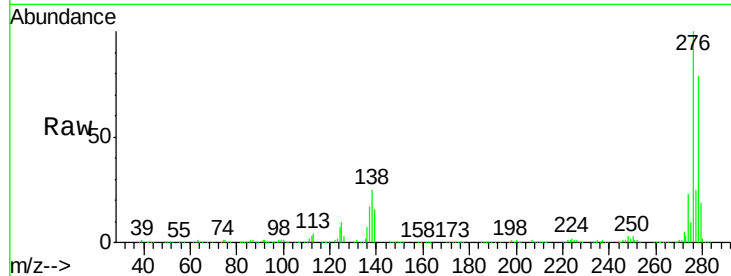
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.33 ng
 RT: 16.25 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.9	18.0	27.0
277	24.9	20.2	30.4

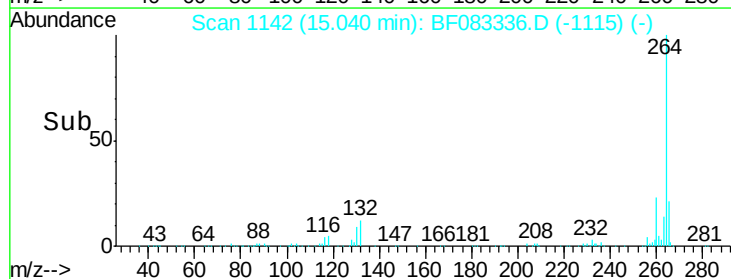
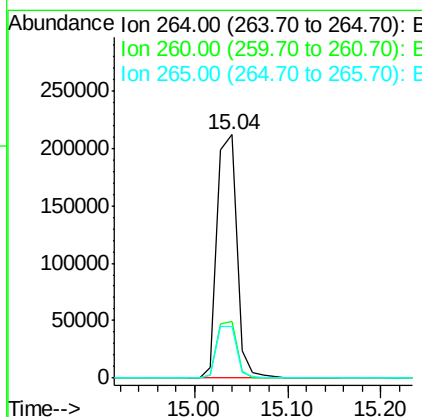
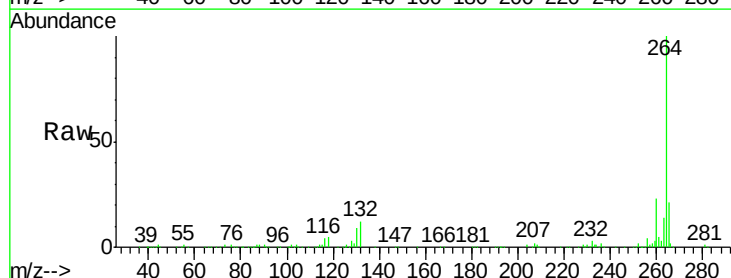
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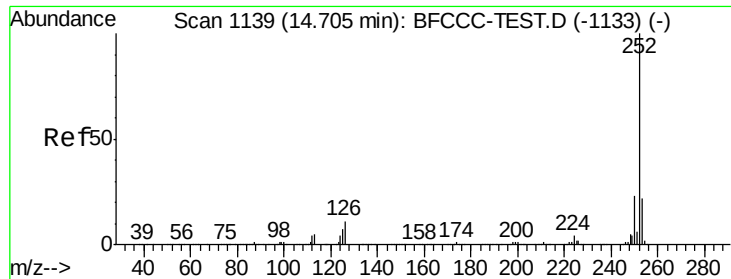
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.2	18.2	27.4





#87

Benzo(b)fluoranthene

Concen: 30.05 ng m

RT: 14.67 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Instrument :

BNA_F

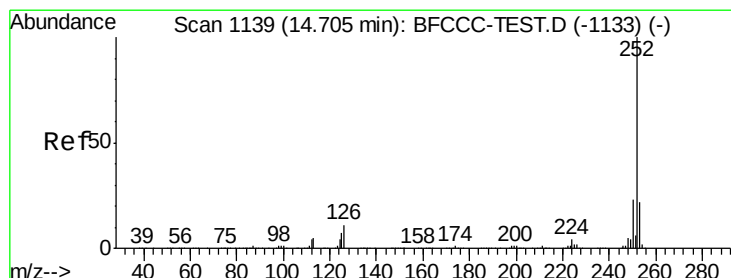
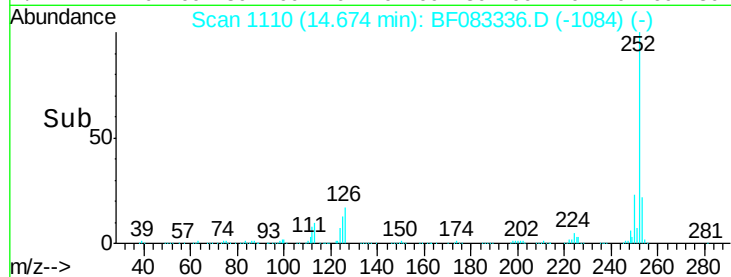
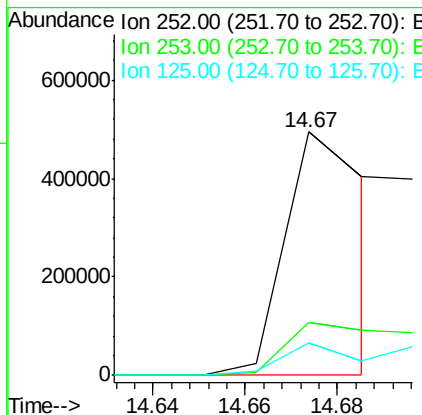
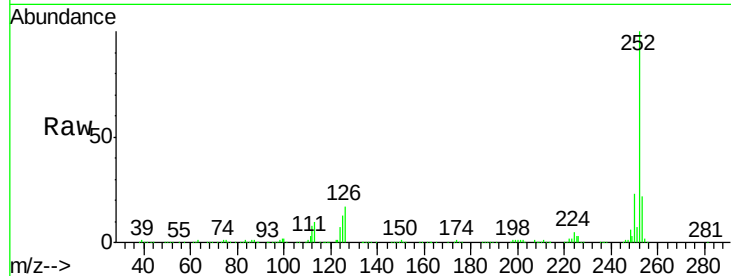
ClientSampleId :

ICVBF112715

Tot Ion:	252	Resp:	633913
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	13.4	5.6	8.4#

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#88

Benzo(k)fluoranthene

Concen: 43.22 ng m

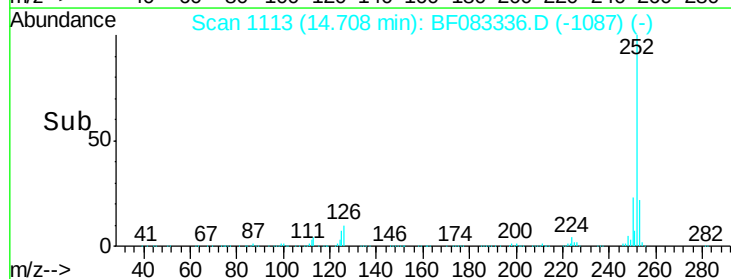
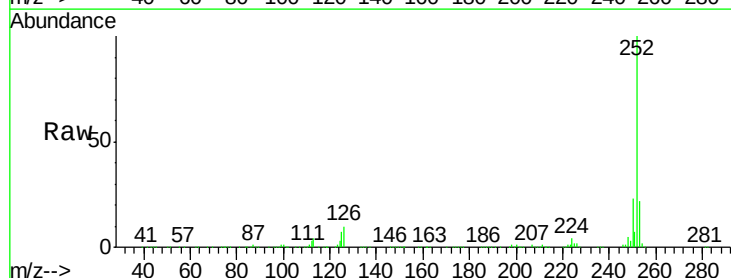
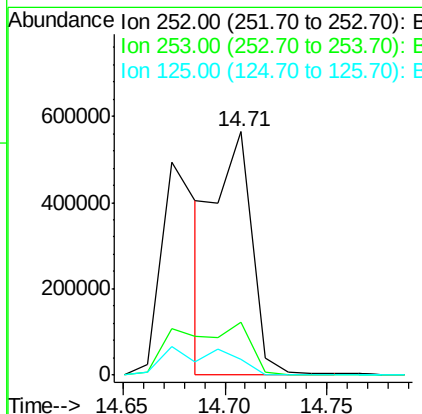
RT: 14.71 min Scan# 1113

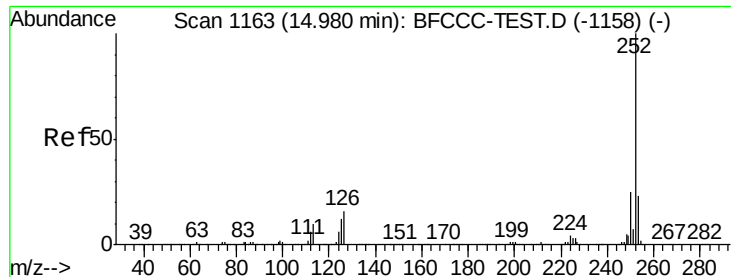
Delta R.T. 0.00 min

Lab File: BF083336.D

Acq: 27 Nov 2015 18:57

Tgt Ion:	252	Resp:	697017
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.2	27.2
125	6.6	6.8	10.2#





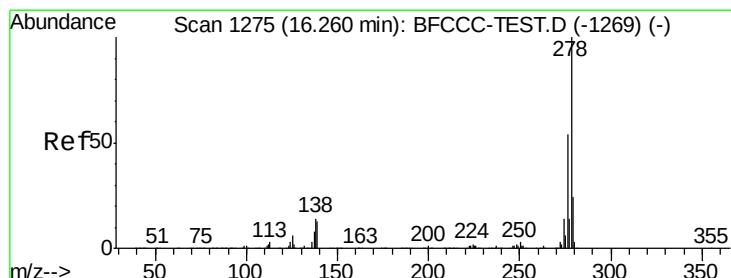
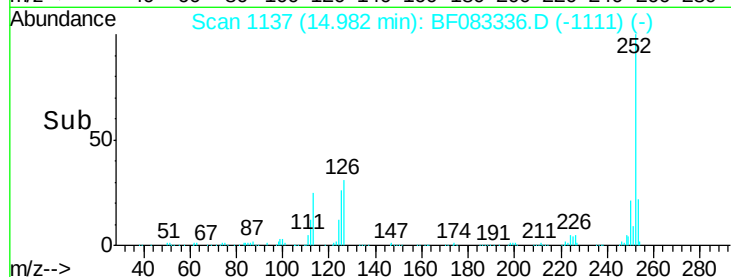
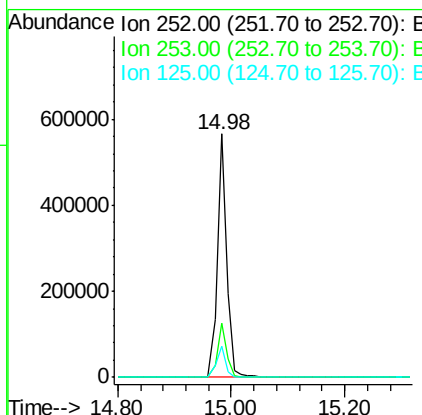
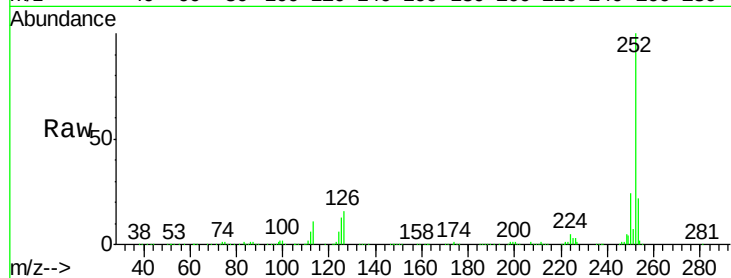
#89
Benzo(a)pyrene
Concen: 38.00 ng
RT: 14.98 min Scan# 1137
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Instrument :
BNA_F
ClientSampleId :
ICVBF112715

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	12.7	5.4	8.0

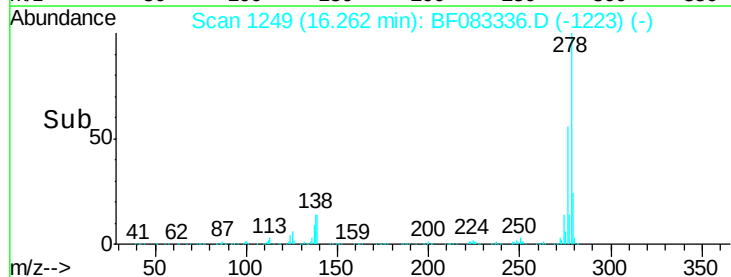
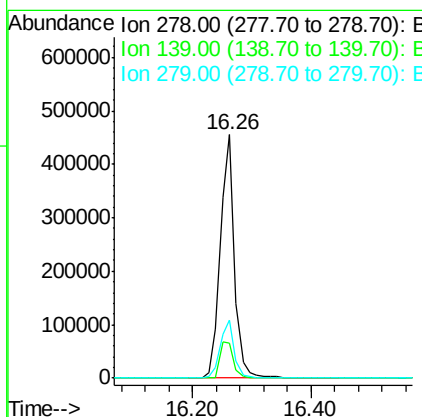
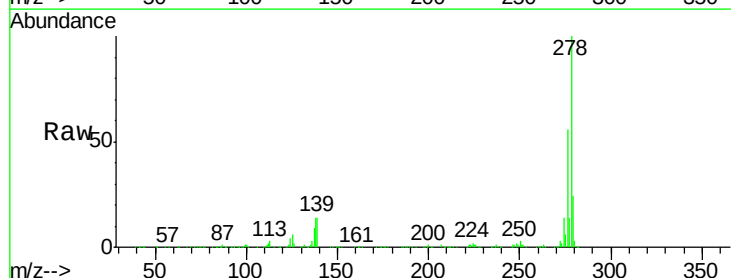
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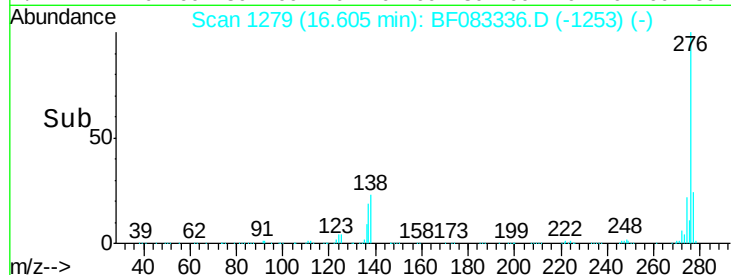
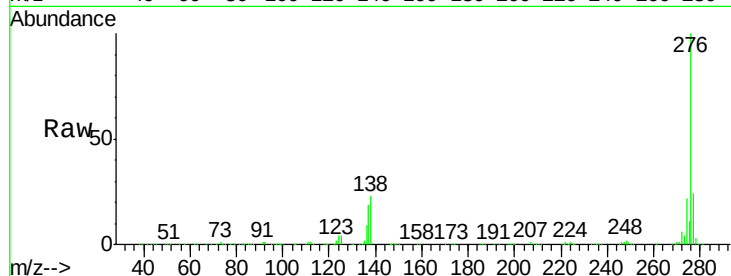
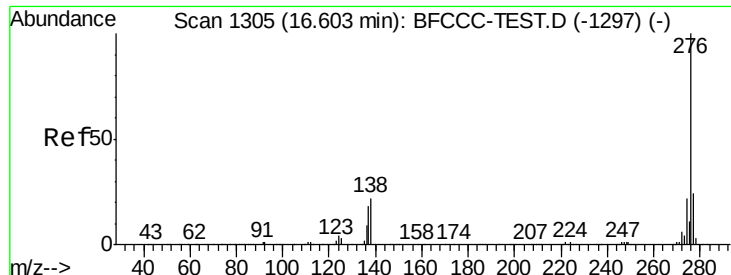
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#90
Dibenzo(a,h)anthracene
Concen: 39.66 ng
RT: 16.26 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF083336.D
Acq: 27 Nov 2015 18:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	10.7	16.1
279	23.8	19.3	28.9





#91
 Benzo(a,h,i)perylene
 Concen: 39.39 ng
 RT: 16.61 min Scan# 1279
 Delta R.T. 0.00 min
 Lab File: BF083336.D
 Acq: 27 Nov 2015 18:57

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF112715

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.7	28.1
138	22.7	13.9	20.9

Manual Integrations
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