

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083113.D
 Acq On : 21 Nov 2015 14:57
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

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 11/23/2015 7:01:20 PM

Quant Time: Nov 22 00:10:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 21 23:51:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	177460	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	667269	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	338648	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	644237	20.00	ng	0.00
75) Chrysene-d12	13.81	240	551589	20.00	ng	0.00
86) Perylene-d12	15.17	264	459157	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	921617	79.98	ng	0.00
7) Phenol-d6	6.34	99	1157647	77.66	ng	0.00
23) Nitrobenzene-d5	7.23	82	1148600	79.77	ng	0.00
41) 2,4,6-Tribromophenol	10.49	330	284340	82.99	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	1703026	73.34	ng	0.00
78) Terphenyl-d14	12.77	244	1848397	80.21	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.19	88	223067	38.73	ng	99
3) Pyridine	3.10	79	604783m	41.49	ng	
4) n-Nitrosodimethylamine	2.82	42	309920	42.41	ng	97
6) Aniline	6.34	93	770931	40.57	ng	# 78
8) 2-Chlorophenol	6.46	128	492325	39.53	ng	97
9) Benzaldehyde	6.22	77	307551	40.48	ng	95
10) Phenol	6.35	94	654637	36.50	ng	73
11) bis(2-Chloroethyl)ether	6.41	93	513441	39.96	ng	97
12) 1,3-Dichlorobenzene	6.59	146	561029	40.56	ng	# 88
13) 1,4-Dichlorobenzene	6.67	146	564596	39.91	ng	98
14) 1,2-Dichlorobenzene	6.83	146	534047	41.28	ng	98
15) Benzyl Alcohol	6.84	79	512353	40.90	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	793131	39.81	ng	# 26
17) 2-Methylphenol	6.96	107	406284	39.61	ng	# 89
18) Hexachloroethane	7.18	117	205419	40.23	ng	# 85
19) n-Nitroso-di-n-propylamine	7.11	70	399032	38.23	ng	94
20) 3+4-Methylphenols	7.12	107	529845	40.89	ng	96
22) Acetophenone	7.10	105	723130	38.32	ng	# 99
24) Nitrobenzene	7.26	77	610486	39.59	ng	97
25) Isophorone	7.53	82	1077379	39.20	ng	99
26) 2-Nitrophenol	7.58	139	293437	42.06	ng	# 83
27) 2,4-Dimethylphenol	7.63	122	418565	38.00	ng	97
28) bis(2-Chloroethoxy)methane	7.72	93	644935	40.37	ng	99
29) 2,4-Dichlorophenol	7.83	162	420392	40.43	ng	99
30) 1,2,4-Trichlorobenzene	7.90	180	448920	39.67	ng	97
31) Naphthalene	7.98	128	1408535	40.21	ng	99
32) Benzoic acid	7.82	122	367179	41.55	ng	94
33) 4-Chloroaniline	8.03	127	544779	39.14	ng	99
34) Hexachlorobutadiene	8.09	225	264963	39.62	ng	98
35) Caprolactam	8.49	113	130449	41.07	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	467378	38.83	ng	99
37) 2-Methylnaphthalene	8.66	142	894478	39.52	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	424018	39.03	ng	98
40) Hexachlorocyclopentadiene	8.82	237	256085	39.72	ng	99

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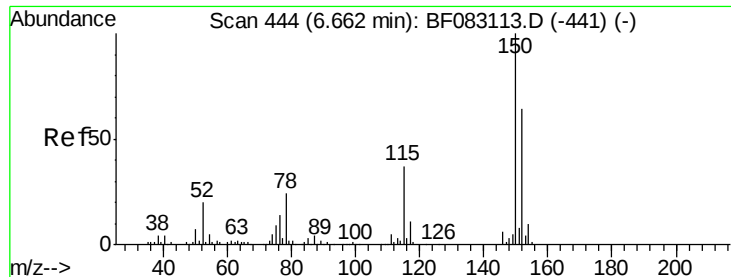
Manual Integrations
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 11/23/2015 7:01:20 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	310488	39.52	nq	100
43) 2,4,5-Trichlorophenol	9.00	196	312063	38.95	nq	97
45) 1,1'-Biphenyl	9.13	154	1185676	42.05	nq	98
46) 2-Chloronaphthalene	9.15	162	877573	39.56	nq	96
47) 2-Nitroaniline	9.26	65	303776	37.43	nq	98
48) Acenaphthylene	9.56	152	1387346	40.34	nq	99
49) Dimethylphthalate	9.45	163	1022536	40.03	nq	100
50) 2,6-Dinitrotoluene	9.50	165	211745	36.04	nq	# 68
51) Acenaphthene	9.74	154	842363	40.44	nq	100
52) 3-Nitroaniline	9.68	138	255890	39.77	nq	# 68
53) 2,4-Dinitrophenol	9.77	184	136757	40.58	nq	# 65
54) Dibenzofuran	9.91	168	1202845	41.03	nq	95
55) 4-Nitrophenol	9.86	139	186997	39.10	nq	# 75
56) 2,4-Dinitrotoluene	9.90	165	276561	37.32	nq	# 79
57) Fluorene	10.24	166	951241	39.27	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	267332	40.73	nq	98
59) Diethylphthalate	10.15	149	1030517	40.29	nq	97
60) 4-Chlorophenyl-phenylether	10.24	204	431662	39.19	nq	# 83
61) 4-Nitroaniline	10.30	138	259120	40.98	nq	91
62) Azobenzene	10.40	77	1140804	39.22	nq	86
64) 4,6-Dinitro-2-methylphenol	10.31	198	192572	41.74	nq	78
65) n-Nitrosodiphenylamine	10.36	169	831295	38.58	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	288372	40.56	nq	# 80
67) Hexachlorobenzene	10.79	284	308170	39.60	nq	96
68) Atrazine	10.91	200	258135	41.03	nq	98
69) Pentachlorophenol	10.99	266	210181	40.06	nq	98
70) Phenanthrene	11.20	178	1457010	40.64	nq	98
71) Anthracene	11.24	178	1404542	37.87	nq	100
72) Carbazole	11.42	167	1359244	41.27	nq	99
73) Di-n-butylphthalate	11.76	149	1605903	39.59	nq	100
74) Fluoranthene	12.38	202	1393611	37.72	nq	99
76) Benzidine	12.51	184	624891	43.22	nq	98
77) Pyrene	12.61	202	1448906	38.99	nq	99
79) Butylbenzylphthalate	13.25	149	711856	39.65	nq	87
80) Benzo(a)anthracene	13.79	228	1349814	38.61	nq	99
81) 3,3'-Dichlorobenzidine	13.77	252	467997	39.39	nq	# 96
82) Chrysene	13.83	228	1195027m	40.65	nq	
83) Bis(2-ethylhexyl)phthalate	13.81	149	899699	38.91	nq	98
84) Di-n-octyl phthalate	14.42	149	1552495	39.17	nq	98
85) Indeno(1,2,3-cd)pyrene	16.45	276	1053178	37.61	nq	97
87) Benzo(b)fluoranthene	14.80	252	1256705m	41.25	nq	
88) Benzo(k)fluoranthene	14.82	252	861595m	37.17	nq	
89) Benzo(a)pyrene	15.12	252	1007831	39.82	nq	99
90) Dibenzo(a,h)anthracene	16.46	278	887331	38.62	nq	99
91) Benzo(g,h,i)perylene	16.82	276	866006	38.60	nq	98

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



#1

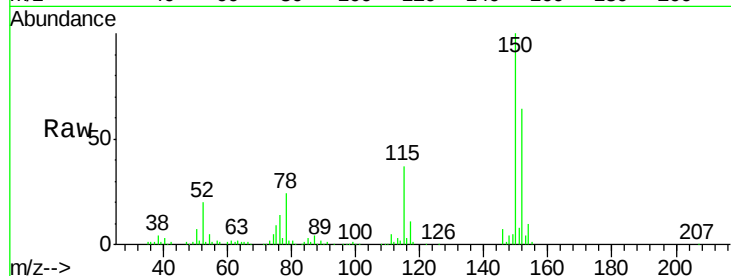
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

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SSTDICCC040

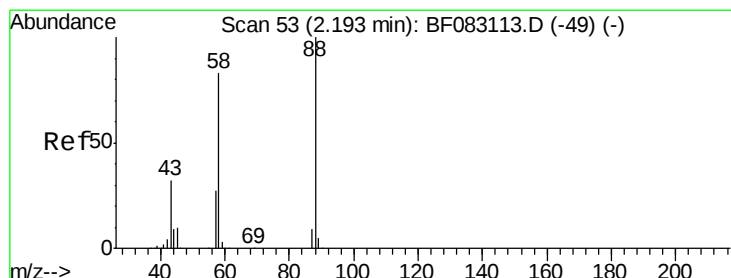
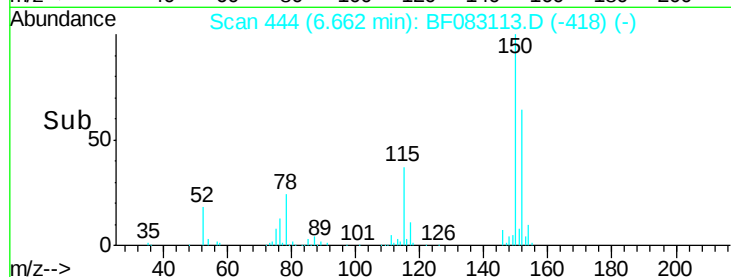
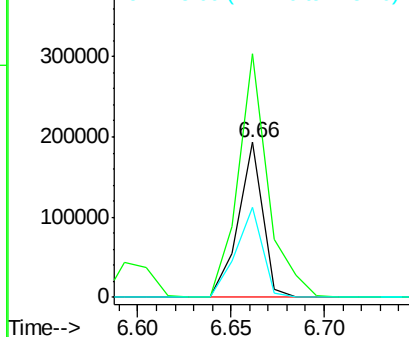
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	126.4	189.6
115	58.6	49.0	73.6

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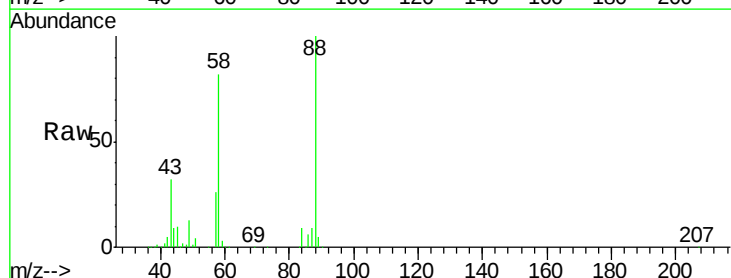
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



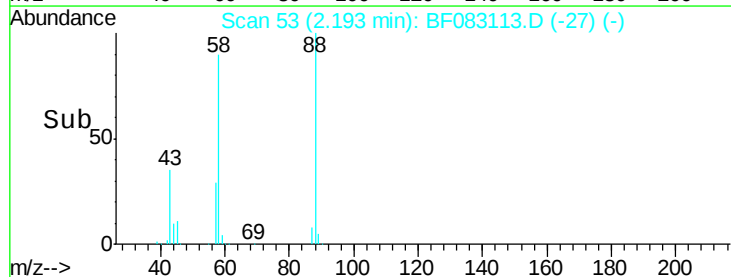
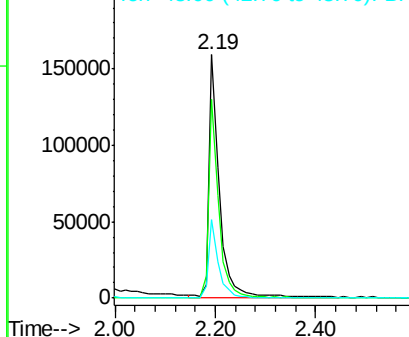
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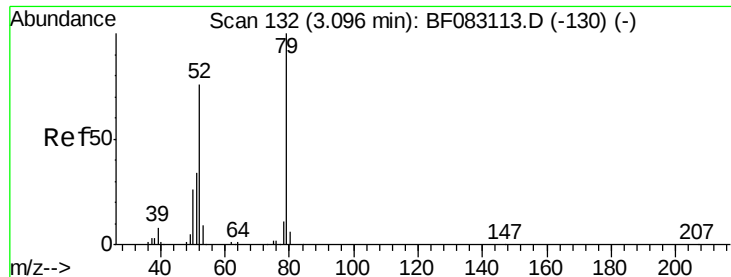
1,4-Dioxane
Concen: 38.73 ng
RT: 2.19 min Scan# 53
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	64.8	97.2
43	30.9	26.2	39.4



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





#3

Pvridine

Concen: 41.49 ng/ml

RT: 3.10 min Scan# 132

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

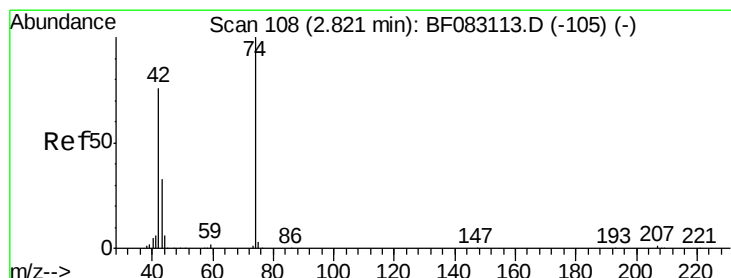
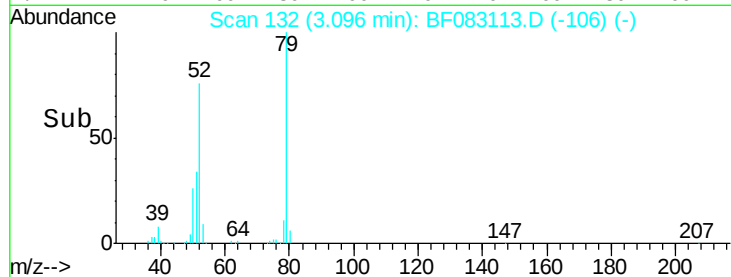
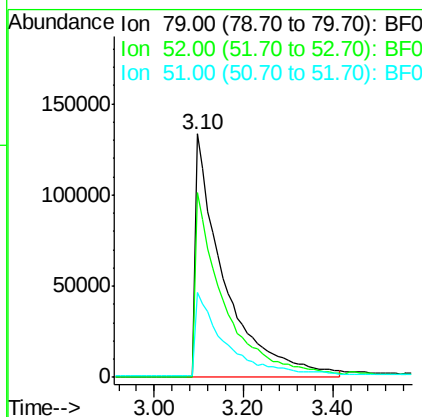
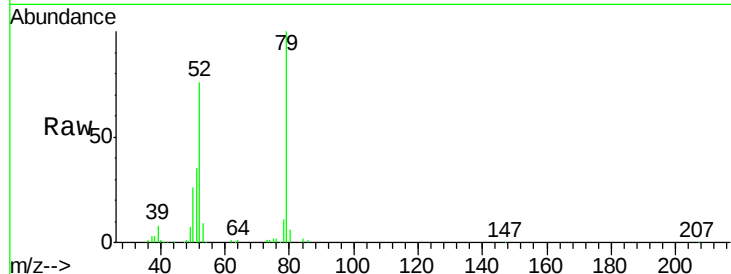
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	604783
Ion Ratio	Lower	Upper	
79	100		
52	75.9	61.0	91.4
51	34.9	30.0	45.0

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#4

n-Nitrosodimethylamine

Concen: 42.41 ng/ml

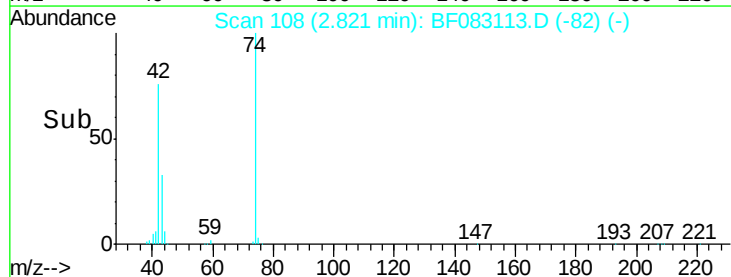
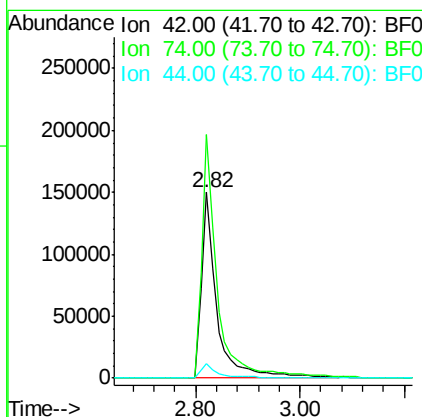
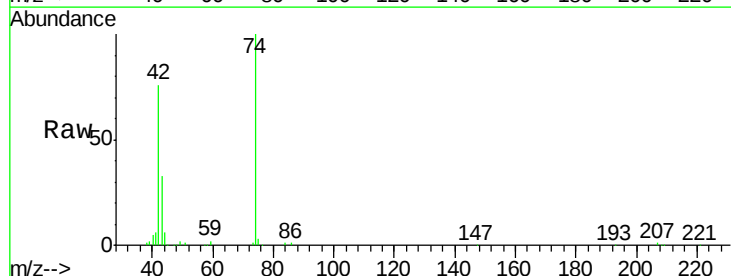
RT: 2.82 min Scan# 108

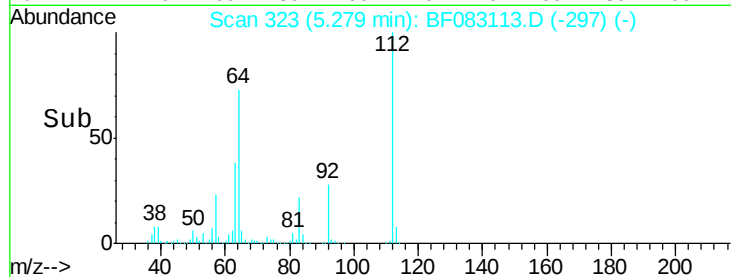
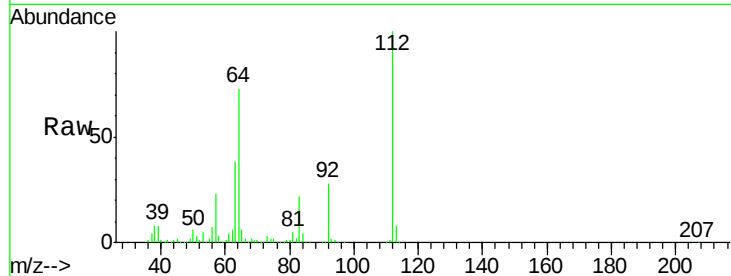
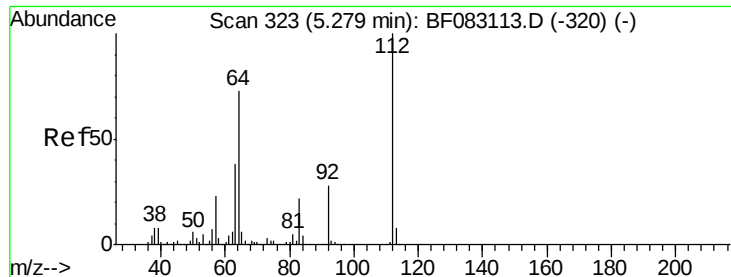
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion:	42	Resp:	309920
Ion Ratio	Lower	Upper	
42	100		
74	131.0	102.4	153.6
44	7.8	5.8	8.8





#5

2-Fluorophenol

Concen: 79.98 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF083113.D

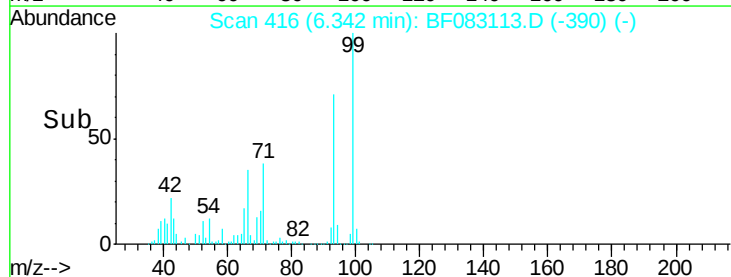
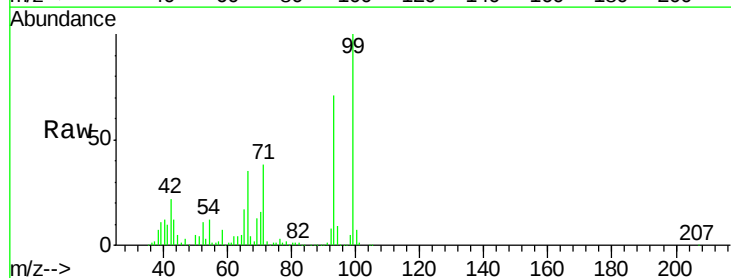
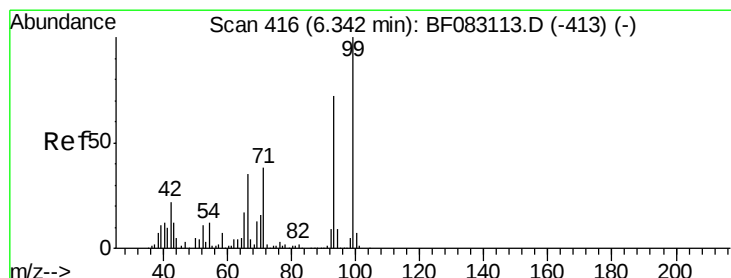
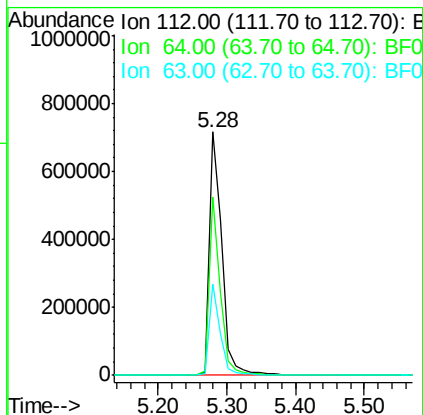
Acq: 21 Nov 2015 14:57

Tot Ion:	112	Resp:	921617
Ion Ratio	Lower	Upper	
112	100		
64	73.0	54.8	82.2
63	37.5	29.0	43.4

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11/23/2015 7:01:20 PM



#6

Aniline

Concen: 40.57 ng

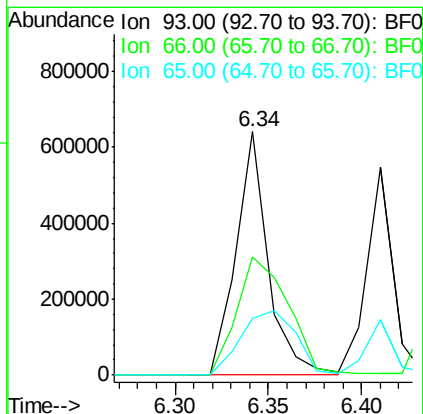
RT: 6.34 min Scan# 416

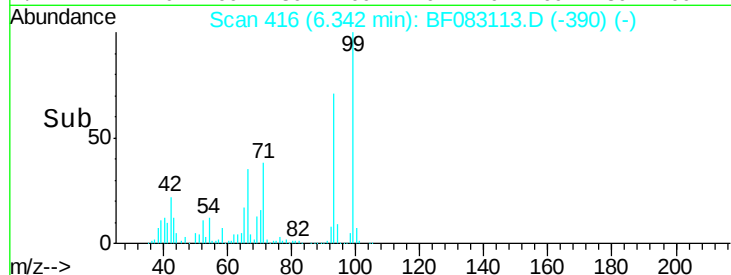
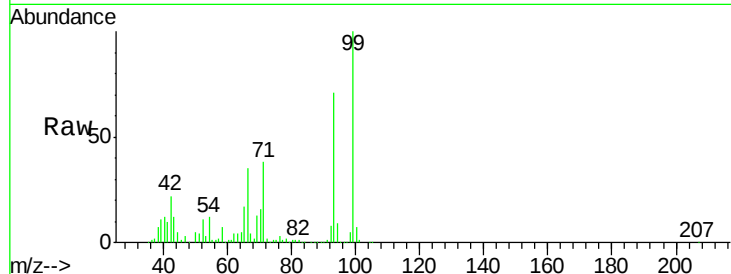
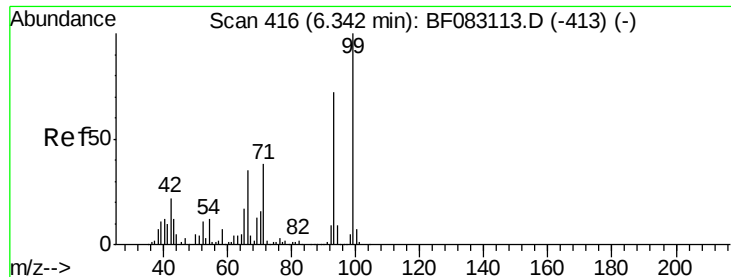
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion:	93	Resp:	770931
Ion Ratio	Lower	Upper	
93	100		
66	48.4	51.4	77.2#
65	23.2	30.7	46.1#





#7

Phenol-d6

Concen: 77.66 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tot Ion: 99 Resp: 1157647

Ion Ratio Lower Upper

99 100

42 22.1 16.6 25.0

71 37.8 29.2 43.8

Instrument :

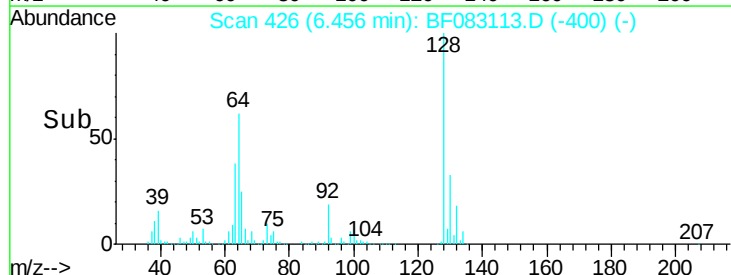
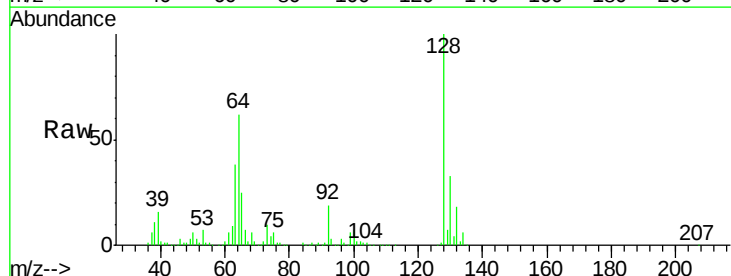
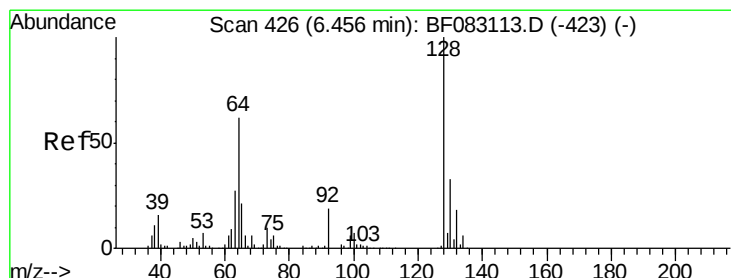
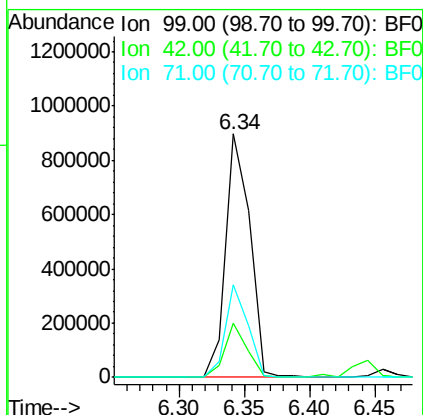
BNA_F

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#8

2-Chlorophenol

Concen: 39.53 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

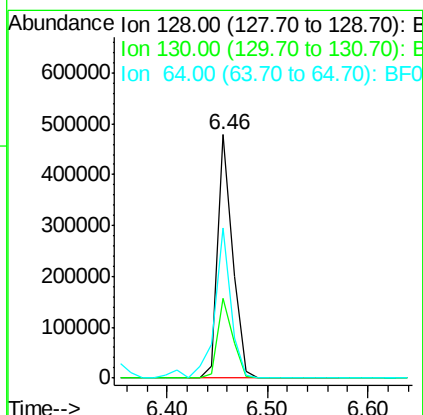
Tgt Ion:128 Resp: 492325

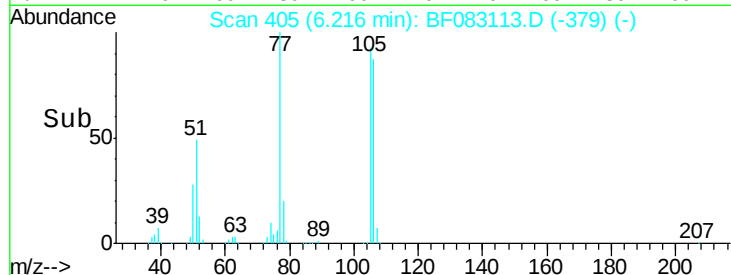
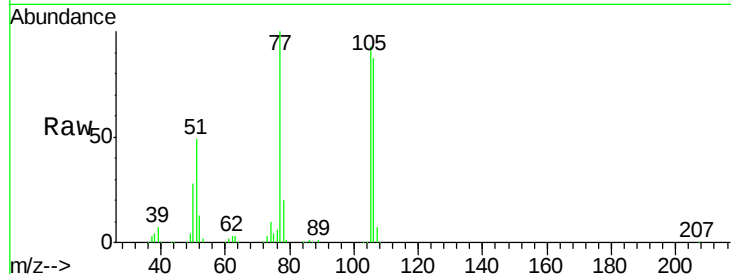
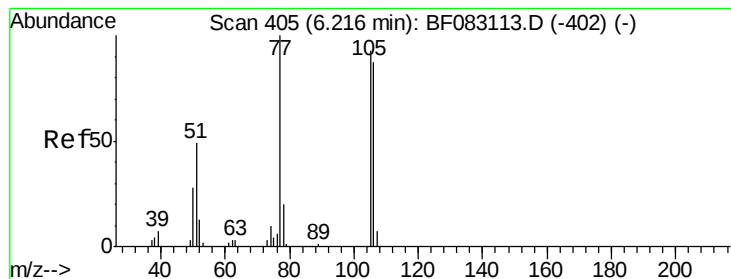
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 61.9 38.3 78.3





#9

Benzaldehyde

Concen: 40.48 ng

RT: 6.22 min Scan# 405

Delta R.T. 0.00 min

Lab File: BF083113.D

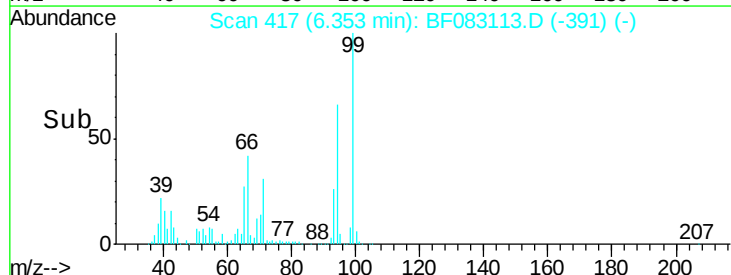
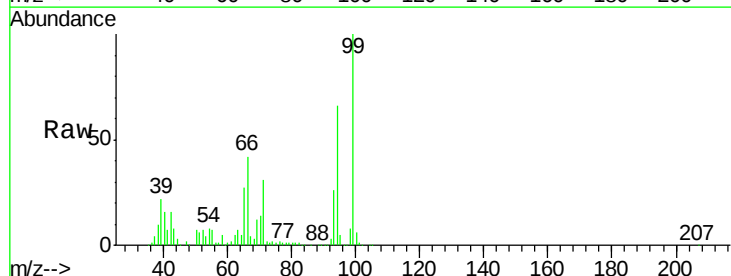
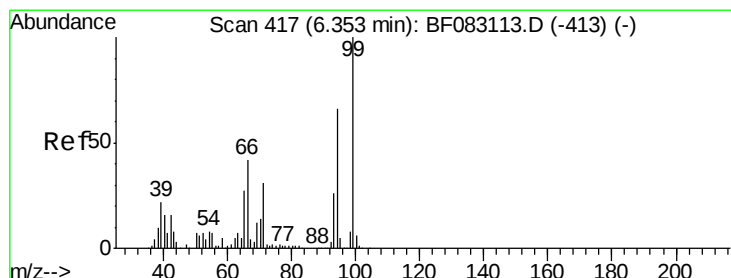
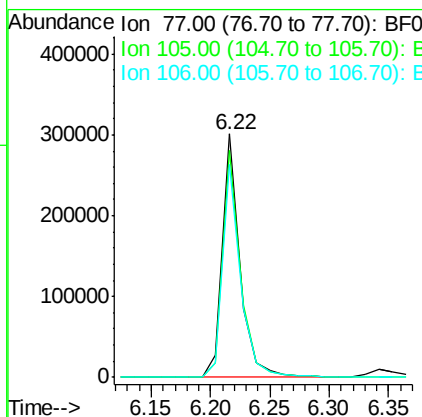
Acq: 21 Nov 2015 14:57

Tot Ion	Ratio	Resp	Lower	Upper
77	100	307551		
105	93.4	69.6	109.6	
106	87.5	62.0	102.0	

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#10

Phenol

Concen: 36.50 ng

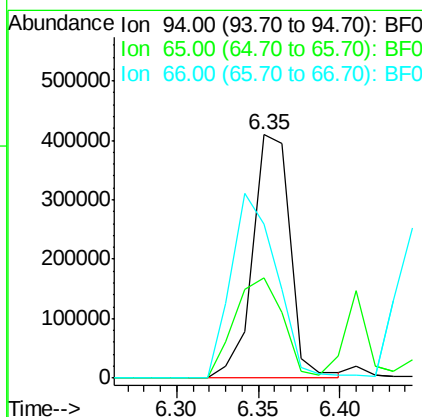
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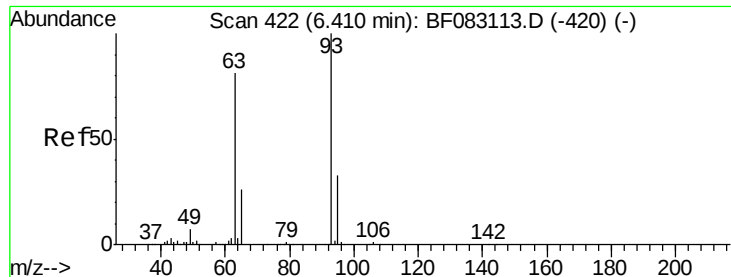
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	654637		
65	41.1	10.1	50.1	
66	63.1	23.2	63.2	





#11

bis(2-Chloroethyl)ether

Concen: 39.96 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

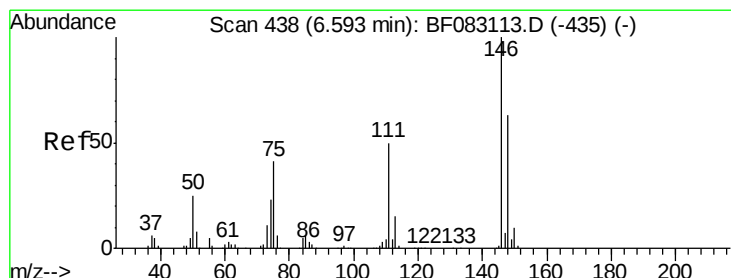
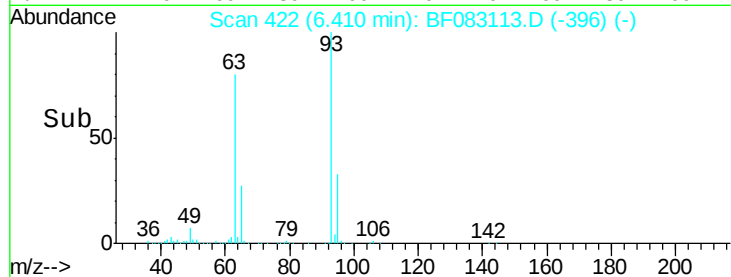
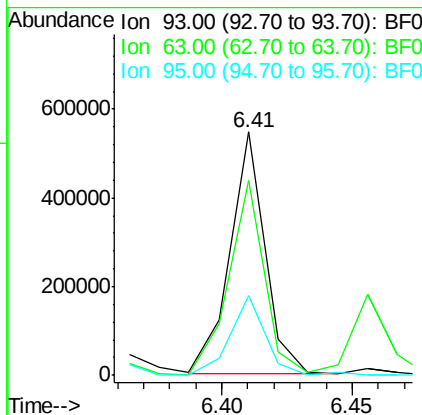
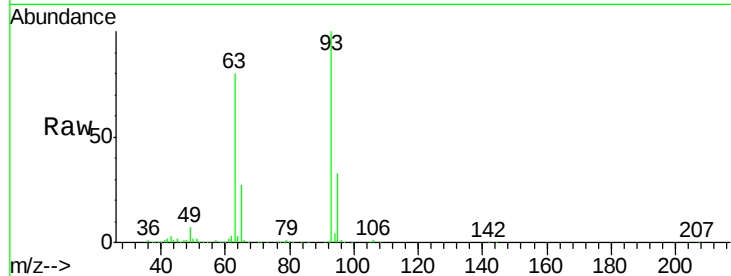
ClientSampleId :

SSTDICCC040

Tot Ion:	93	Resp:	513441
Ion Ratio	Lower	Upper	
93	100		
63	79.8	63.6	103.6
95	33.0	13.8	53.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 40.56 ng

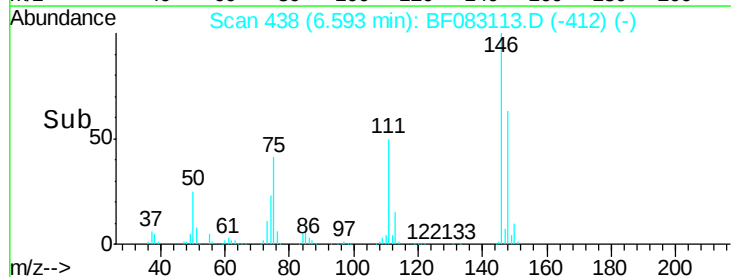
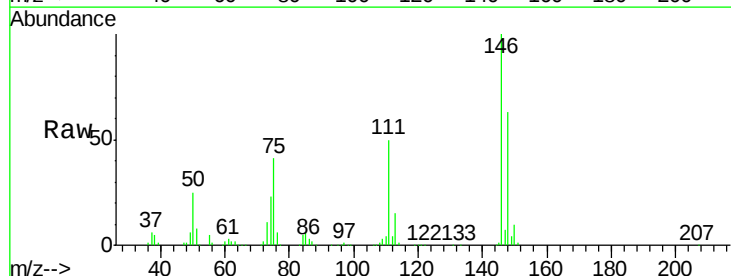
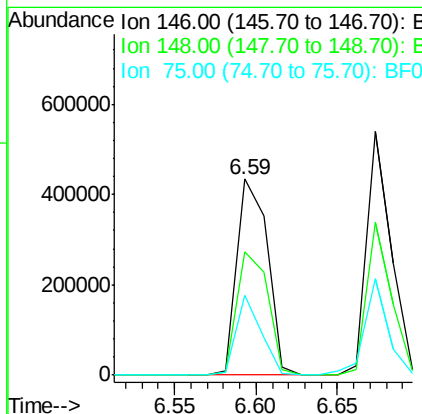
RT: 6.59 min Scan# 438

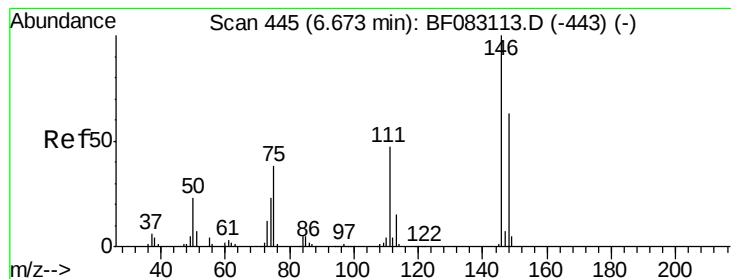
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion:	146	Resp:	561029
Ion Ratio	Lower	Upper	
146	100		
148	62.7	52.8	79.2
75	40.9	20.3	30.5#





#13

1,4-Dichlorobenzene

Concen: 39.91 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

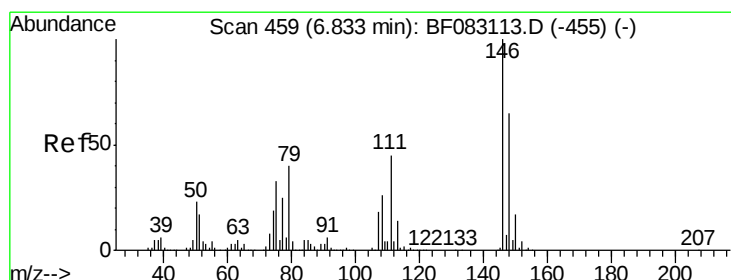
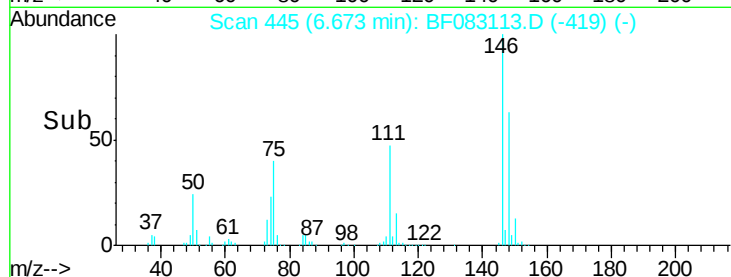
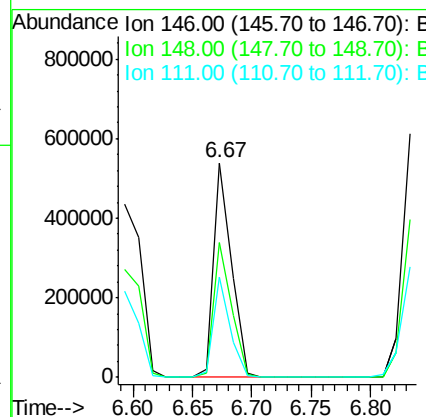
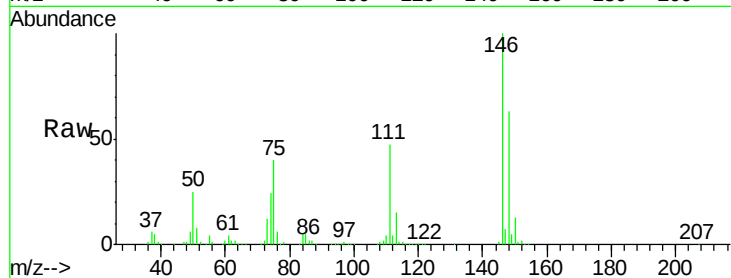
ClientSampleId :

SSTDICCC040

Tot Ion:	146	Resp:	564596
Ion Ratio	Lower	Upper	
146	100		
148	62.7	49.6	74.4
111	46.9	39.0	58.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 41.28 ng

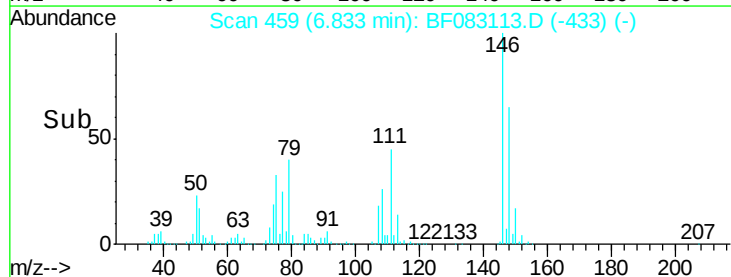
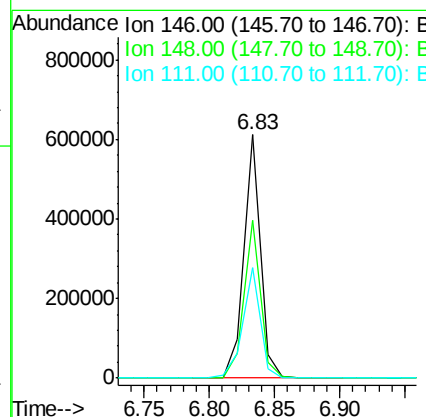
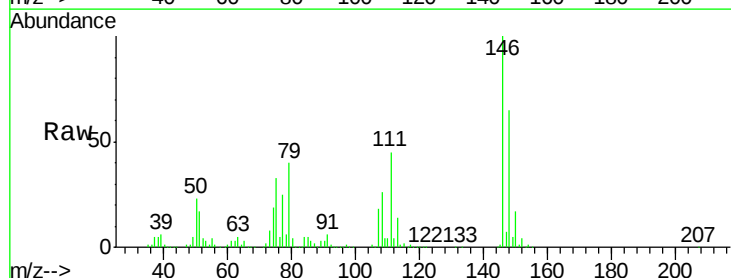
RT: 6.83 min Scan# 459

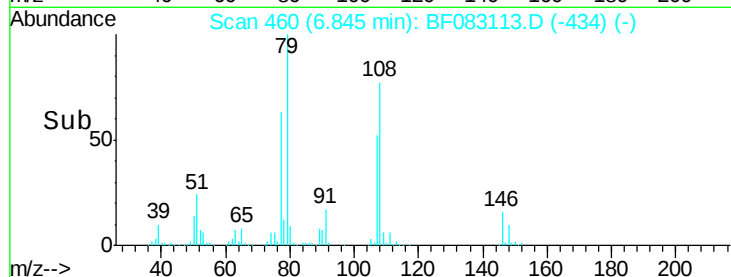
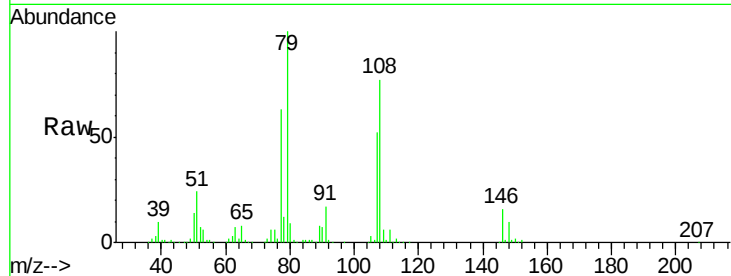
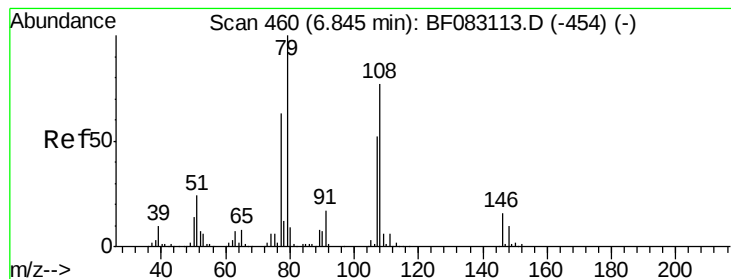
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion:	146	Resp:	534047
Ion Ratio	Lower	Upper	
146	100		
148	64.7	51.8	77.6
111	45.3	38.2	57.2





#15

Benzyl Alcohol

Concen: 40.90 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF083113.D

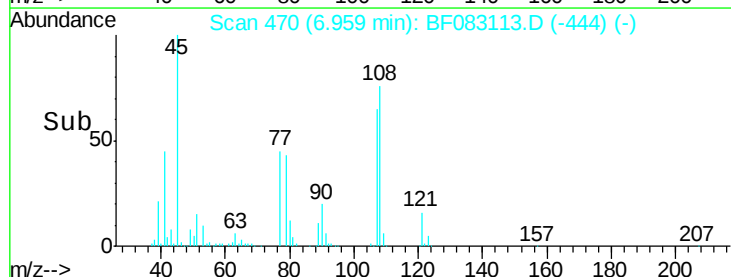
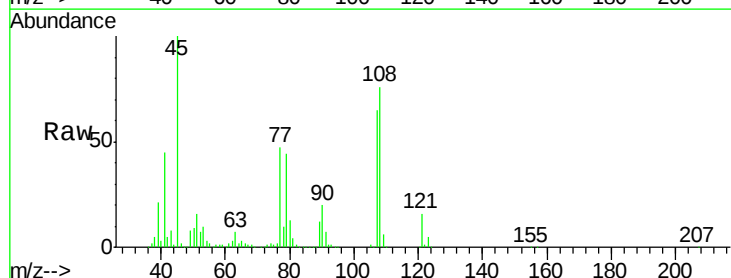
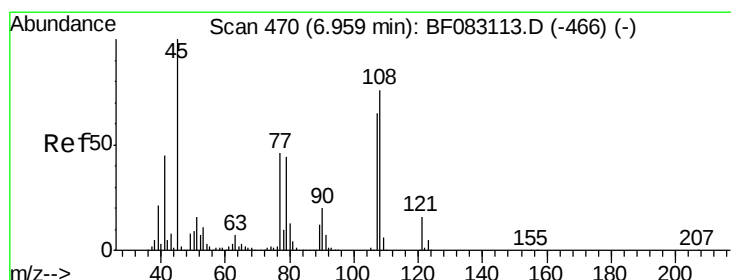
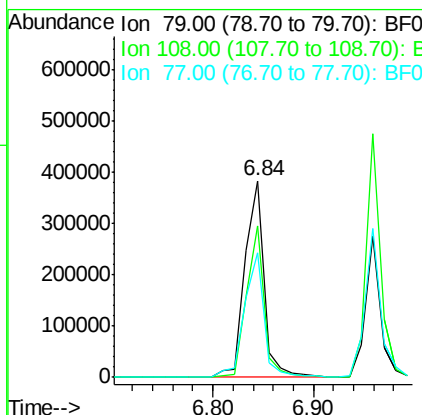
Acq: 21 Nov 2015 14:57

Tot Ion:	79	Resp:	512353
Ion Ratio	Lower	Upper	
79	100		
108	76.8	55.7	83.5
77	63.1	50.7	76.1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.81 ng

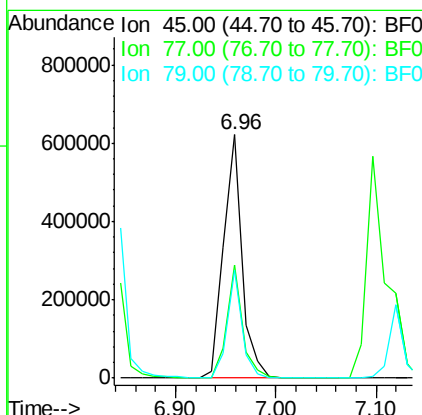
RT: 6.96 min Scan# 470

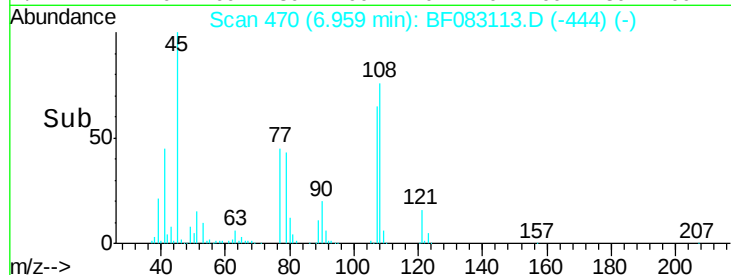
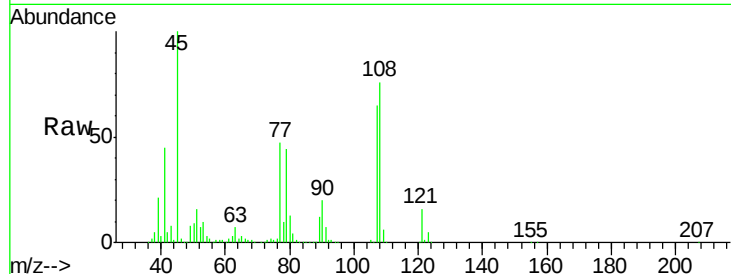
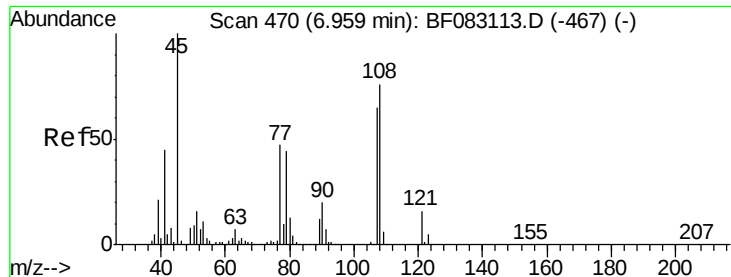
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion:	45	Resp:	793131
Ion Ratio	Lower	Upper	
45	100		
77	46.7	0.0	36.7#
79	44.3	0.0	33.0#





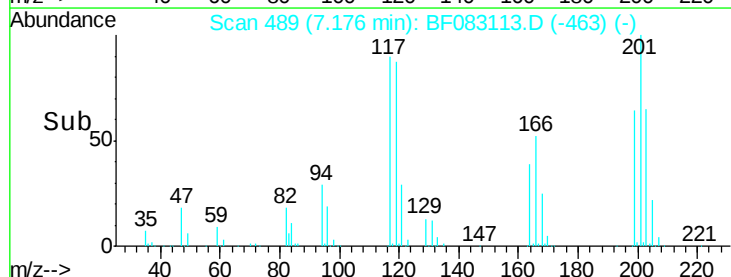
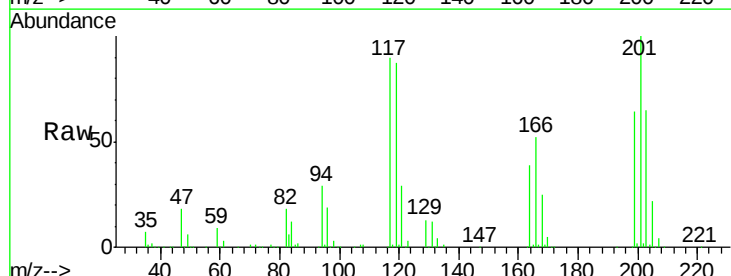
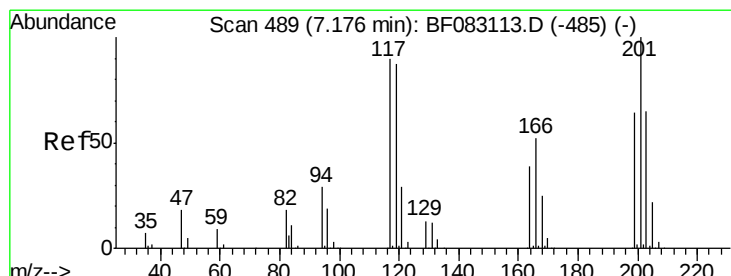
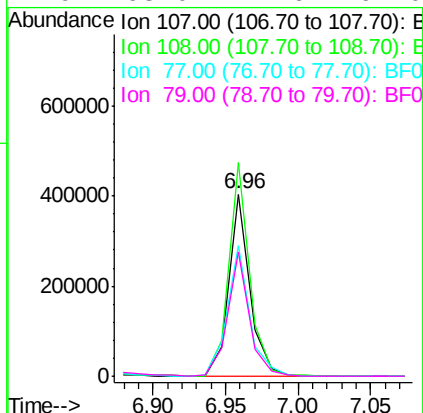
#17
2-Methylphenol
Concen: 39.61 ng
RT: 6.96 min Scan# 470
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	117.2	92.3	138.5	
77	71.7	43.9	65.9	
79	68.0	42.6	64.0	

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

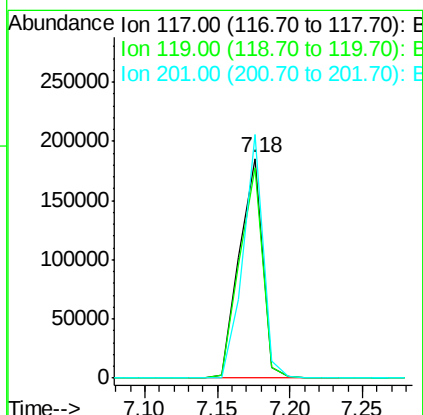
Manual Integrations
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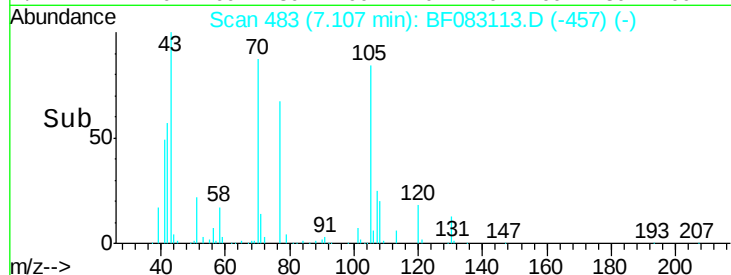
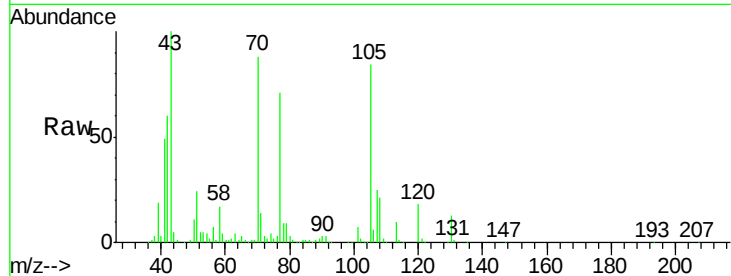
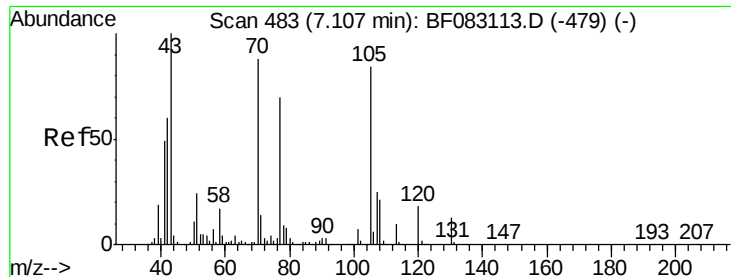
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#18
Hexachloroethane
Concen: 40.23 ng
RT: 7.18 min Scan# 489
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	78.3	117.5	
201	110.8	66.5	99.7	





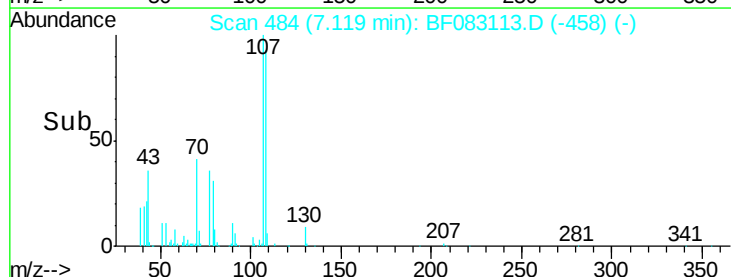
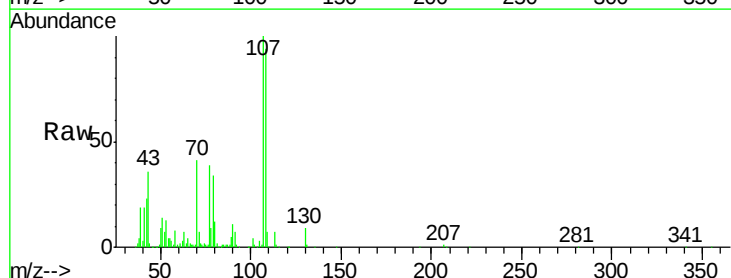
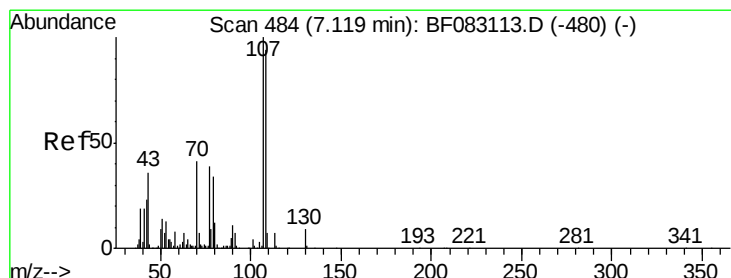
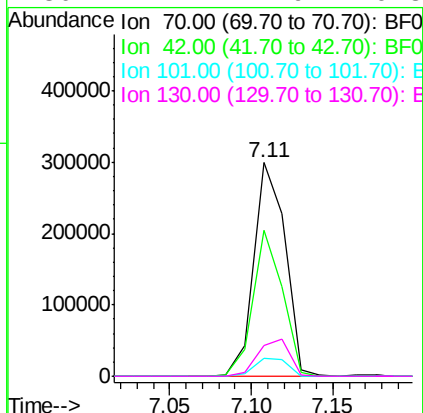
#19
n-Nitroso-di-n-propylamine
Concen: 38.23 ng
RT: 7.11 min Scan# 483
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations
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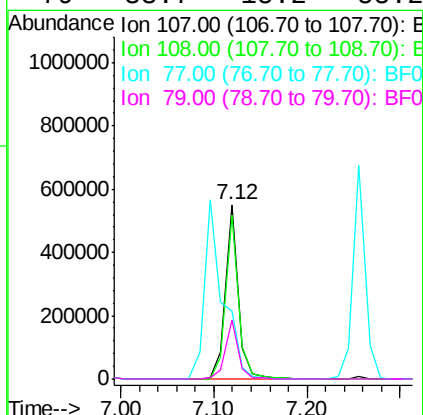
Mmdadoda
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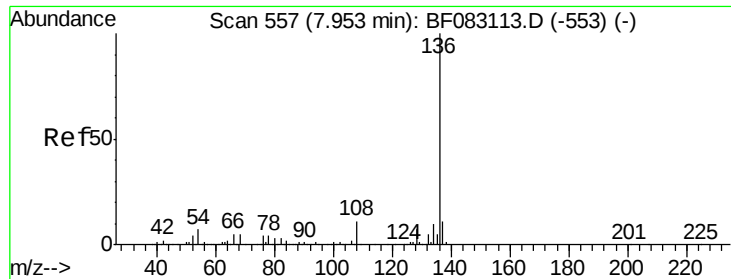
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.1	50.2	75.2	
101	8.2	6.8	10.2	
130	14.4	12.9	19.3	



#20
3+4-Methylphenols
Concen: 40.89 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	93.8	77.4	117.4	
77	39.1	16.7	56.7	
79	33.7	15.2	55.2	





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.95 min Scan# 557

Delta R.T. 0.00 min

Lab File: BF083113.D

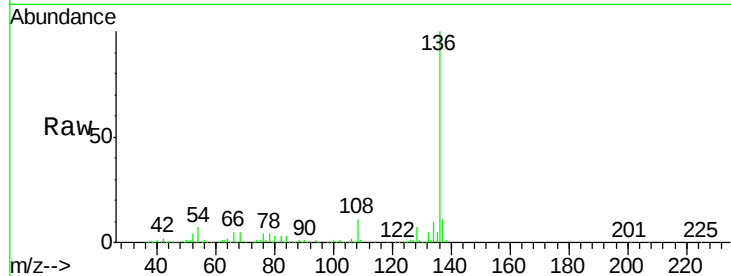
Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

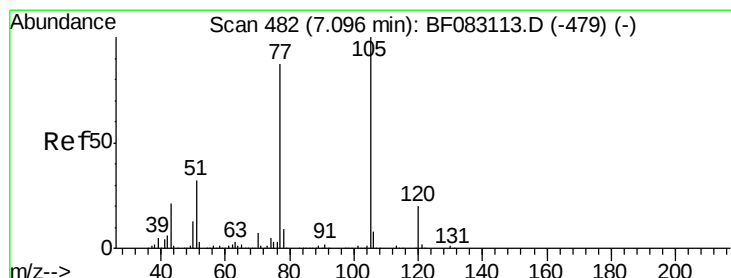
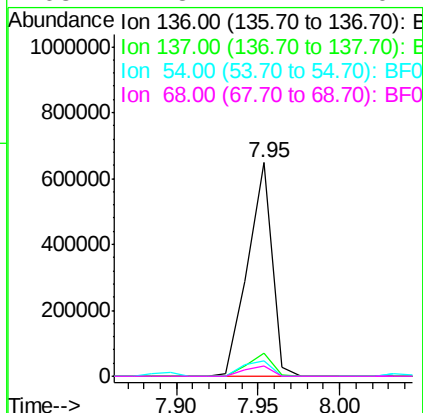
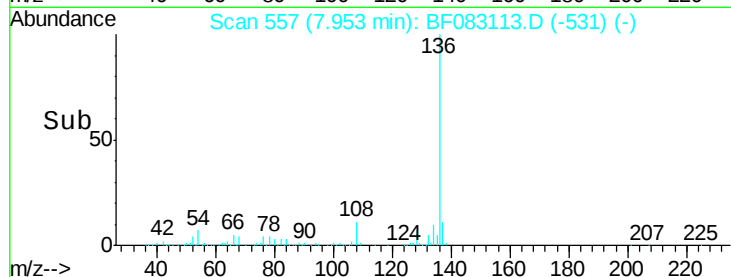
SSTDICCC040



Tot Ion	Ratio	Resp	Lower	Upper
136	100	667269		
137	10.9		8.6	12.8
54	7.2		6.2	9.2
68	4.8		4.2	6.2

Manual Integrations
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#22

Acetophenone

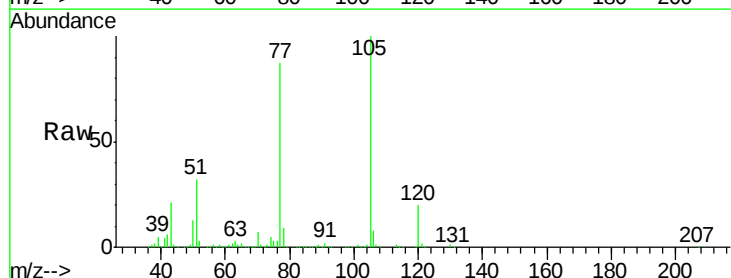
Concen: 38.32 ng

RT: 7.10 min Scan# 482

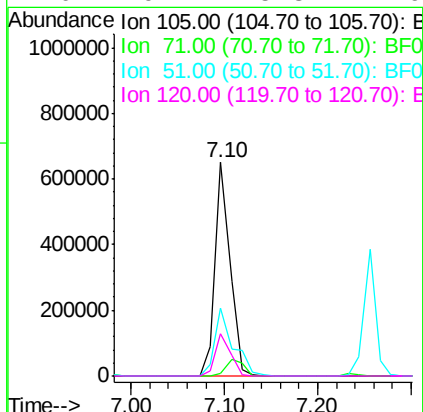
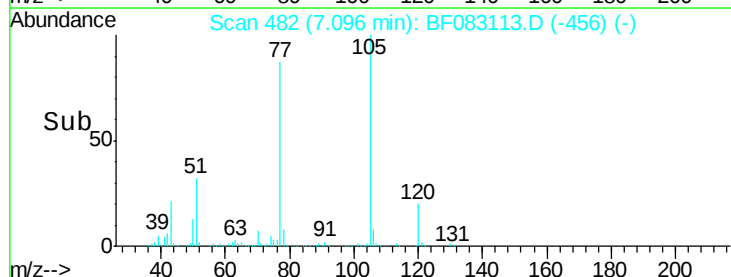
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57



Tgt Ion	Ratio	Resp	Lower	Upper
105	100	723130		
71	1.2		2.3	3.5#
51	32.0		26.1	39.1
120	19.7		15.3	22.9





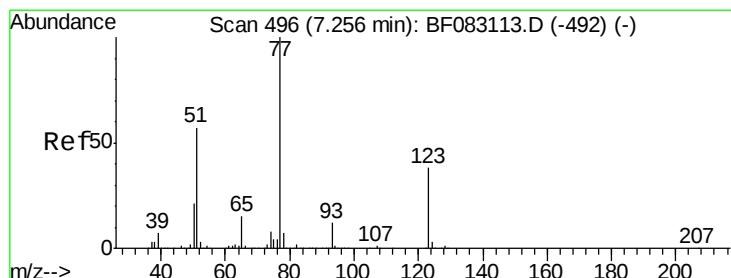
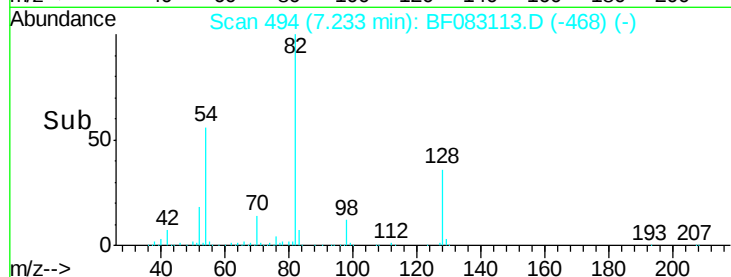
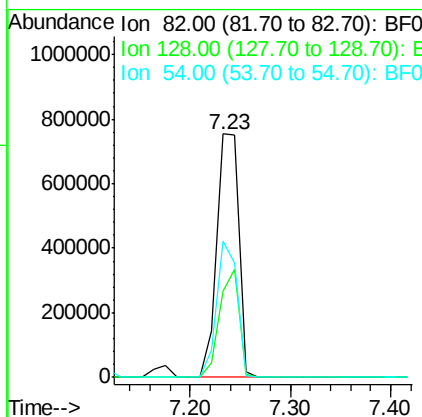
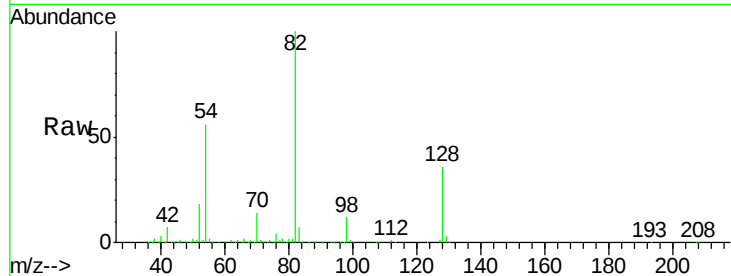
#23
Nitrobenzene-d5
Concen: 79.77 ng
RT: 7.23 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	82	Resp	1148600
Ion Ratio	100	Lower	Upper
82	100		
128	35.6	33.1	49.7
54	55.8	39.8	59.6

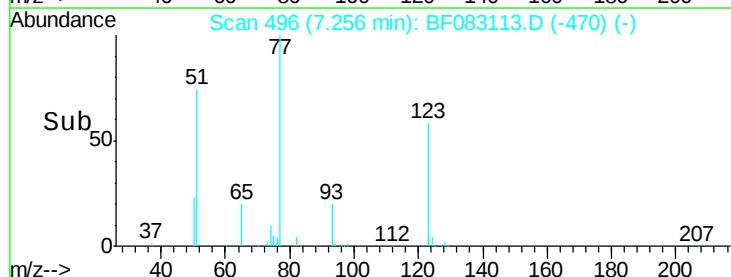
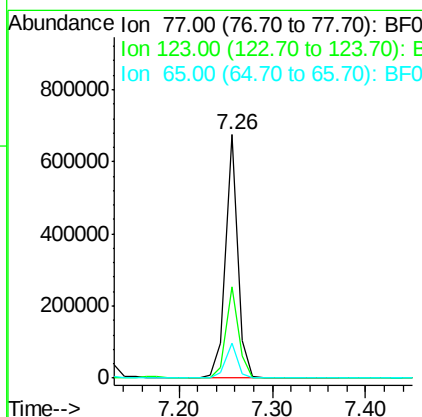
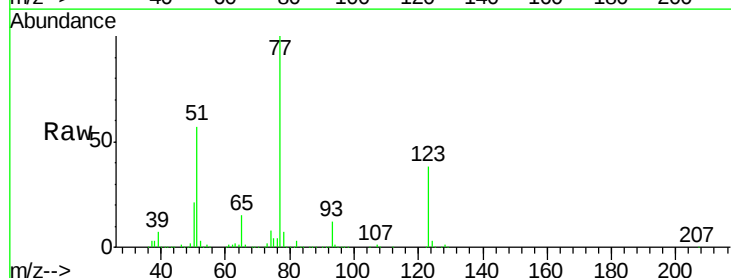
Manual Integrations
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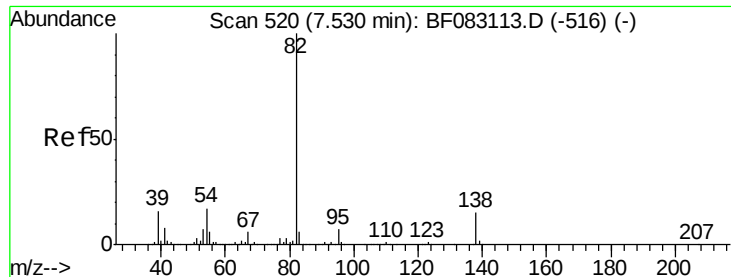
Mmdadoda
11/23/2015 7:01:20 PM



#24
Nitrobenzene
Concen: 39.59 ng
RT: 7.26 min Scan# 496
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	77	Resp	610486
Ion Ratio	100	Lower	Upper
77	100		
123	37.6	28.2	42.4
65	14.5	11.8	17.8





#25

Isophorone

Concen: 39.20 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 82 Resp: 1077379

Ion Ratio Lower Upper

82 100

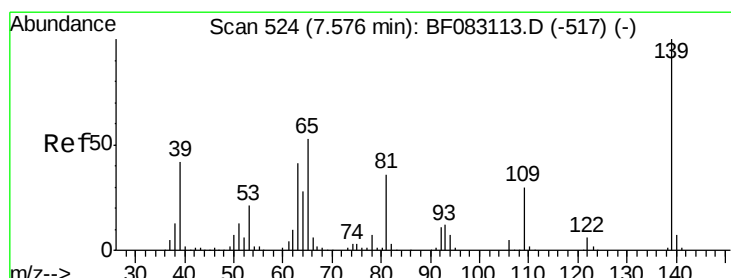
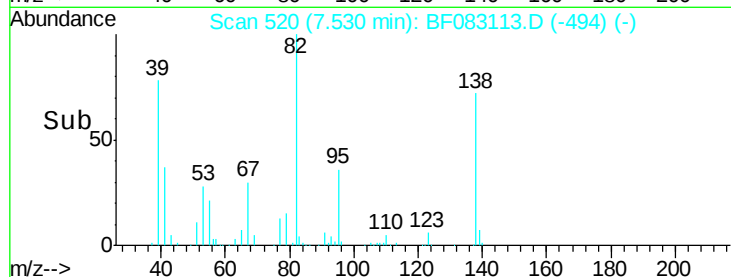
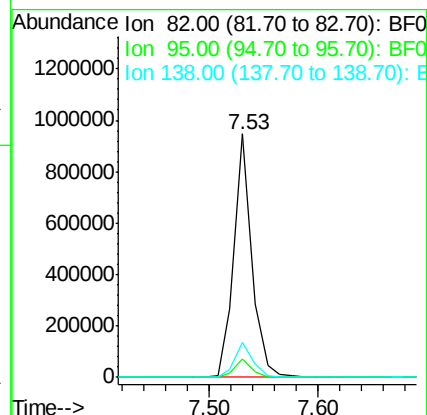
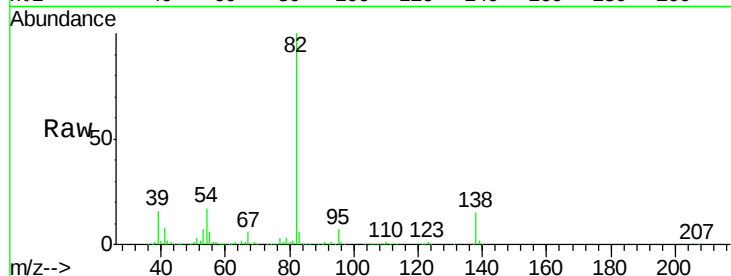
95 7.3 5.7 8.5

138 14.5 12.2 18.4

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.06 ng

RT: 7.58 min Scan# 524

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

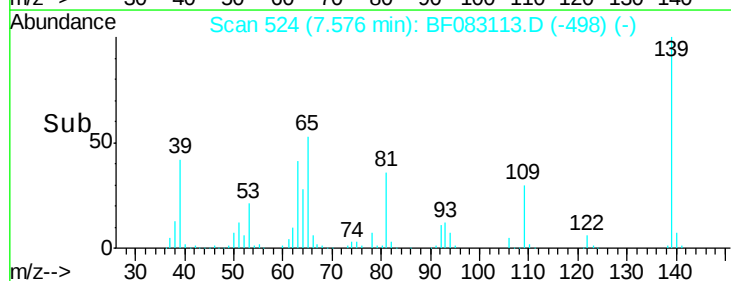
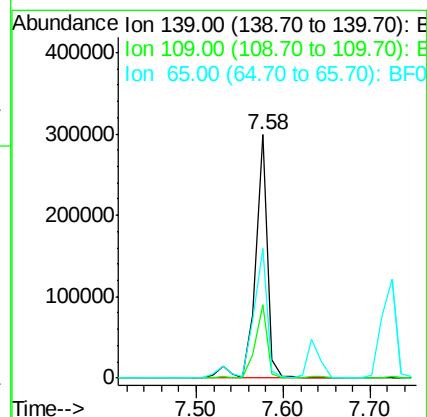
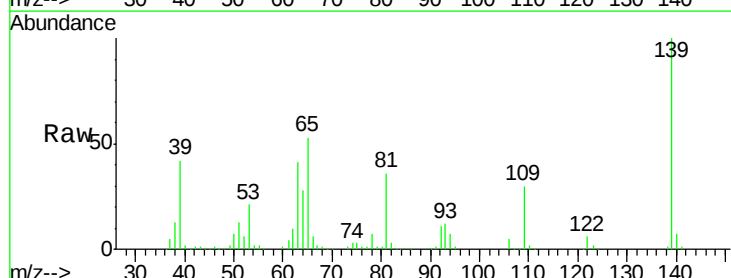
Tgt Ion: 139 Resp: 293437

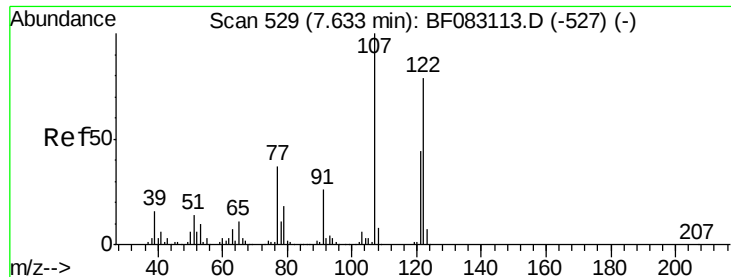
Ion Ratio Lower Upper

139 100

109 29.9 27.8 41.6

65 53.4 56.4 84.6#





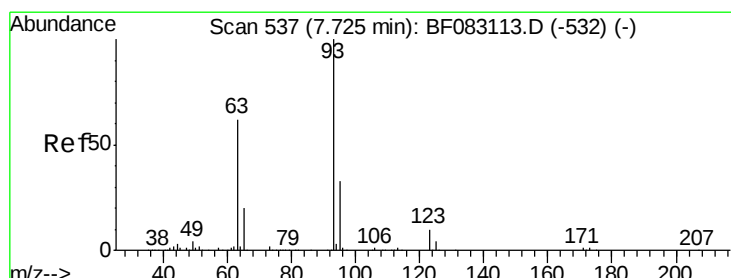
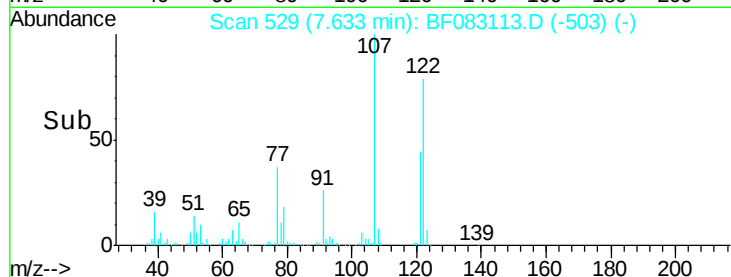
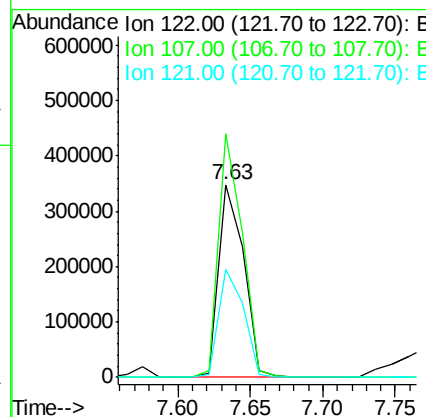
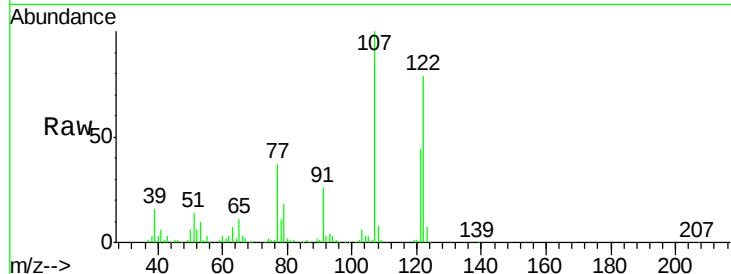
#27
 2,4-Dimethylphenol
 Concen: 38.00 ng
 RT: 7.63 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	126.4	97.5	146.3	
121	56.1	45.3	67.9	

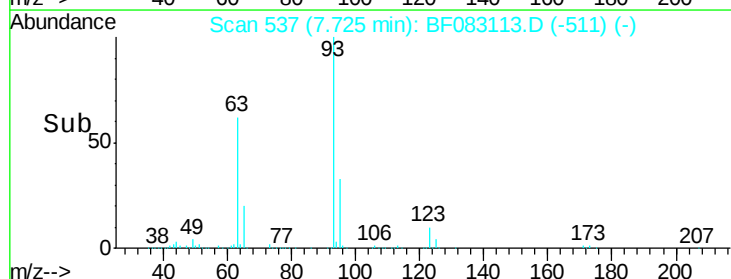
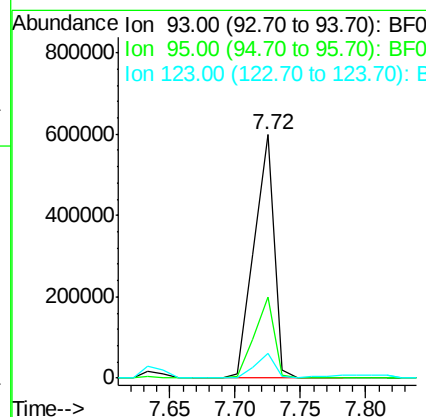
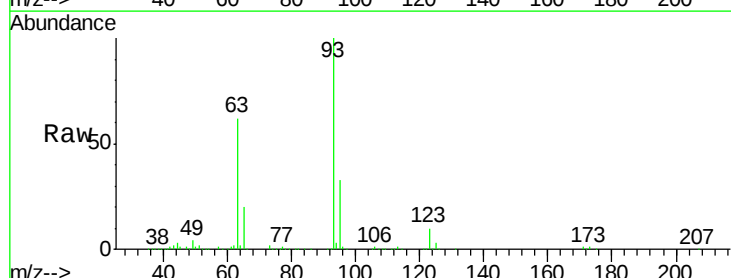
Manual Integrations
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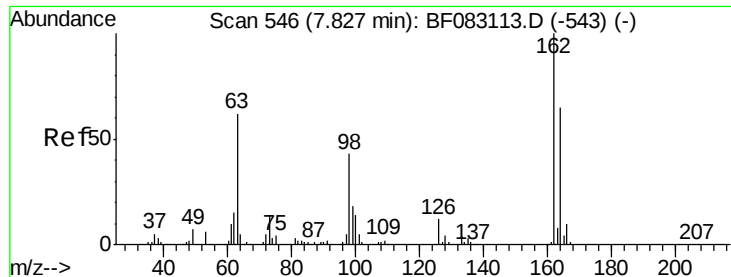
Mmdadoda
 11/23/2015 7:01:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.37 ng
 RT: 7.72 min Scan# 537
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.1	26.2	39.2	
123	10.1	8.5	12.7	





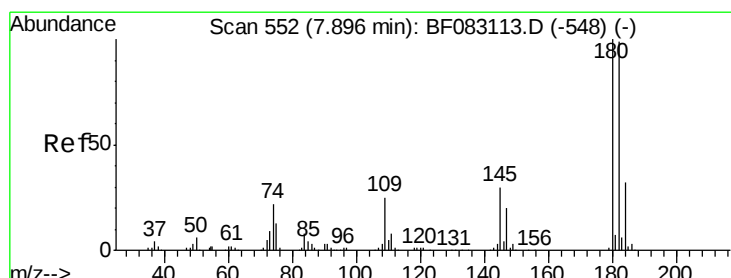
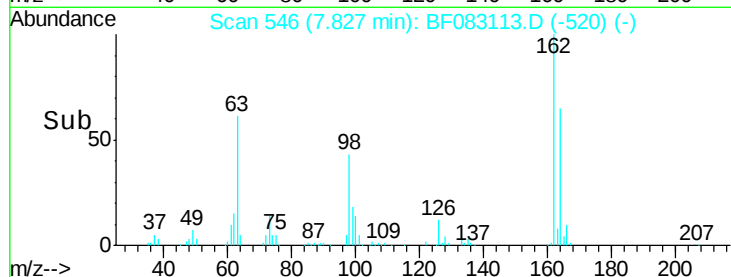
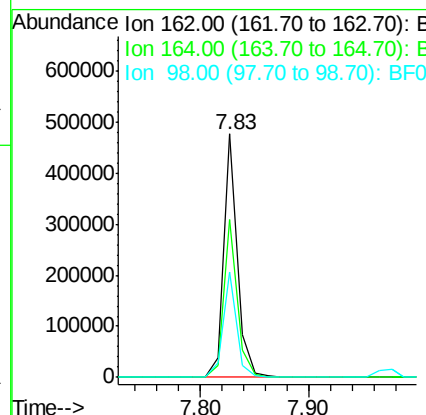
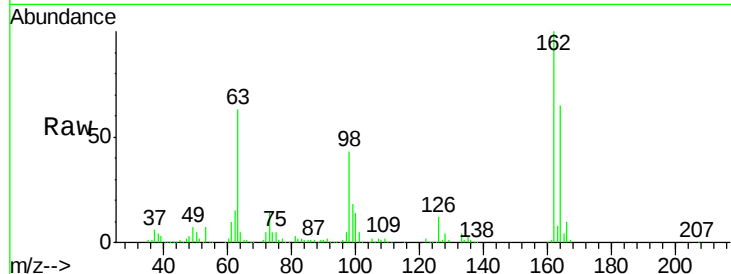
#29
 2,4-Dichlorophenol
 Concen: 40.43 ng
 RT: 7.83 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion:	162	Resp:	420392
Ion Ratio	Lower	Upper	
162	100		
164	64.8	44.1	84.1
98	43.1	21.6	61.6

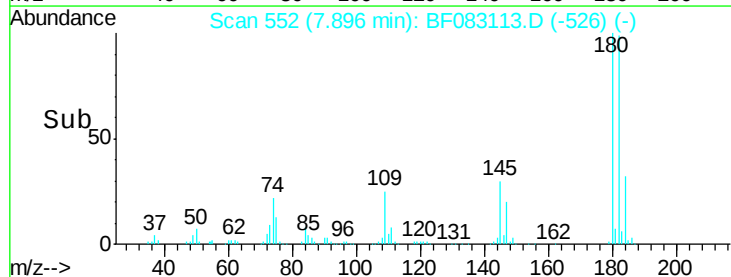
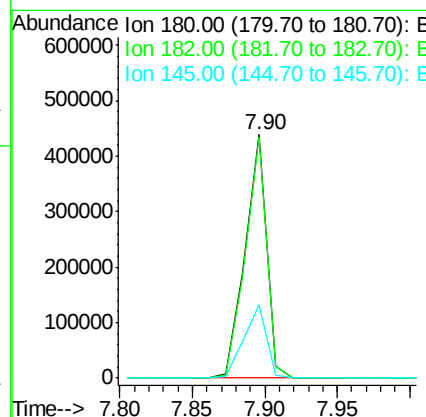
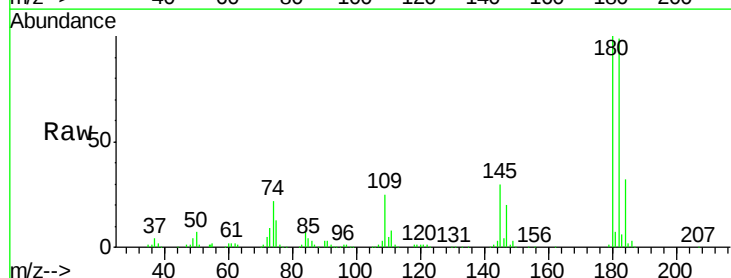
Manual Integrations
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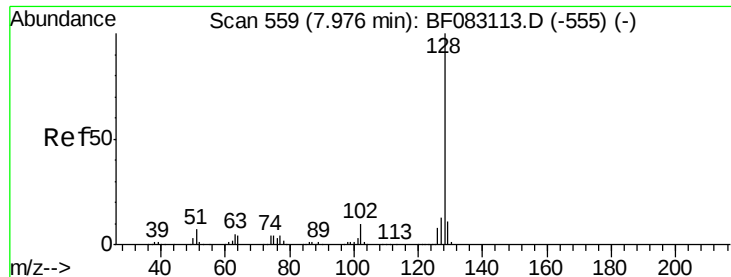
Mmdadoda
 11/23/2015 7:01:20 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.67 ng
 RT: 7.90 min Scan# 552
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Tgt Ion:	180	Resp:	448920
Ion Ratio	Lower	Upper	
180	100		
182	98.8	76.2	114.4
145	30.2	24.0	36.0





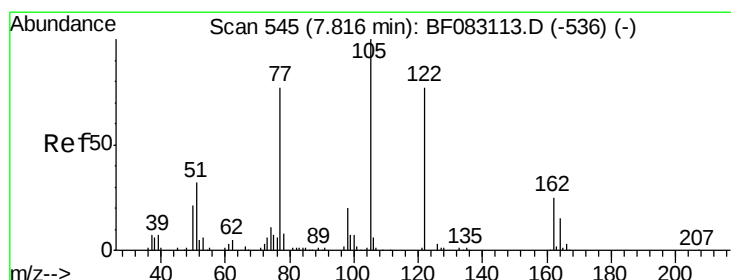
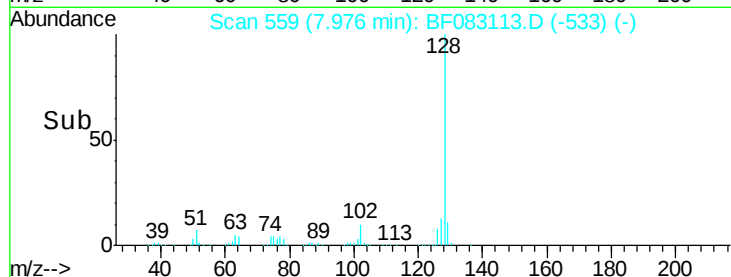
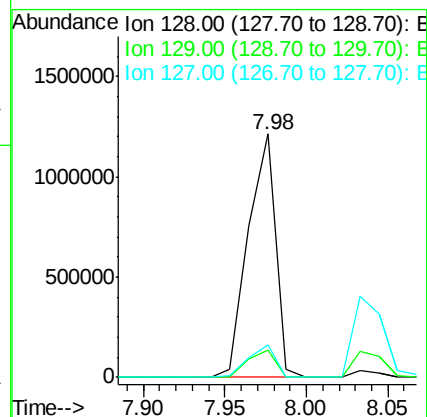
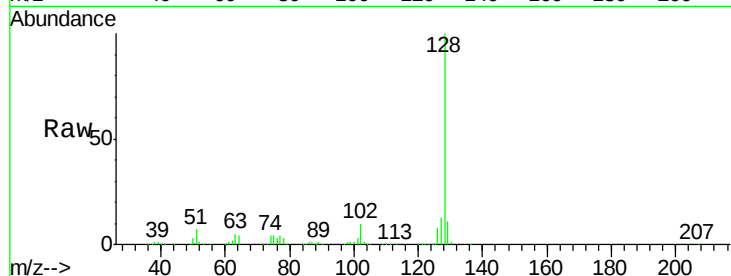
#31
Naphthalene
Concen: 40.21 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.2	10.9	16.3

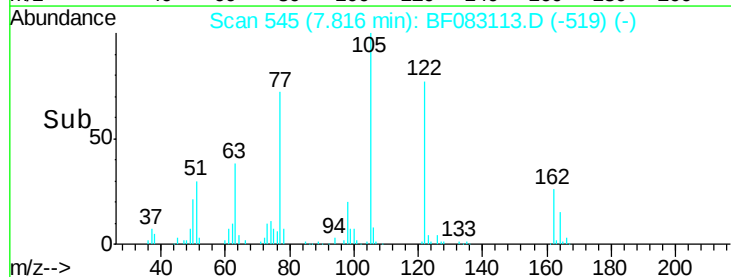
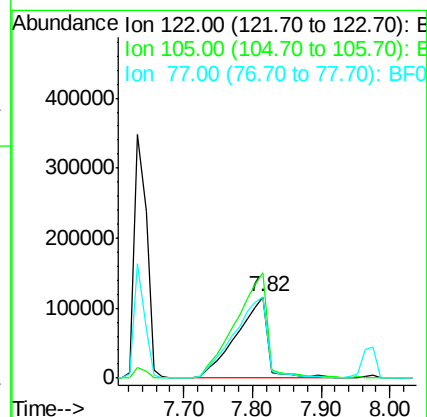
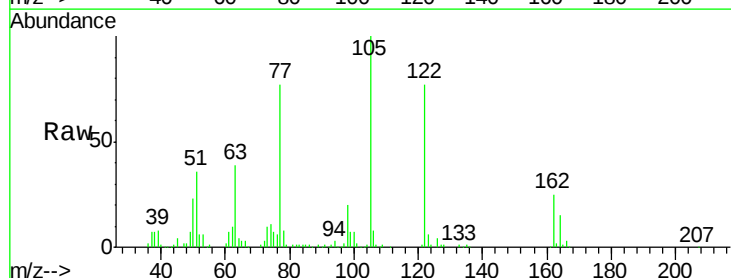
Manual Integrations
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11/23/2015 7:01:20 PM



#32
Benzoic acid
Concen: 41.55 ng
RT: 7.82 min Scan# 545
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.7	115.0	155.0
77	99.7	89.0	129.0





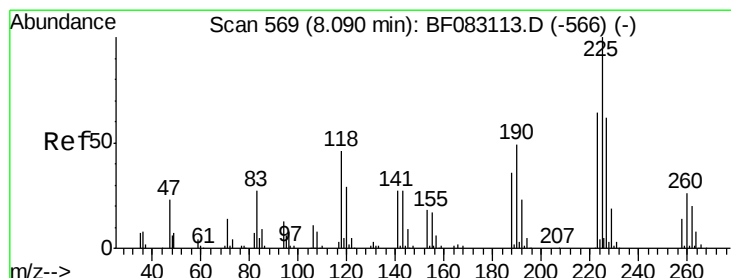
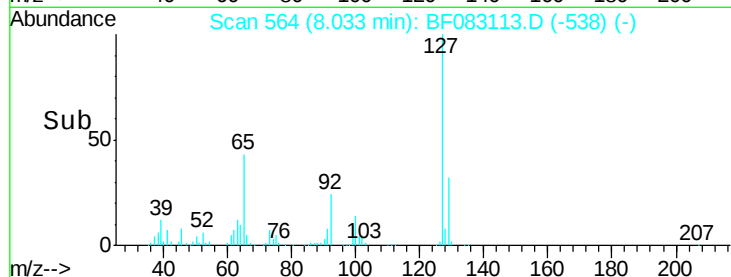
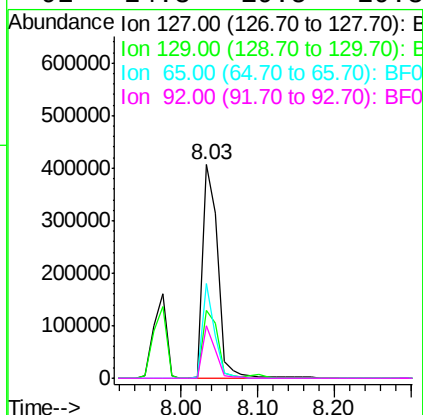
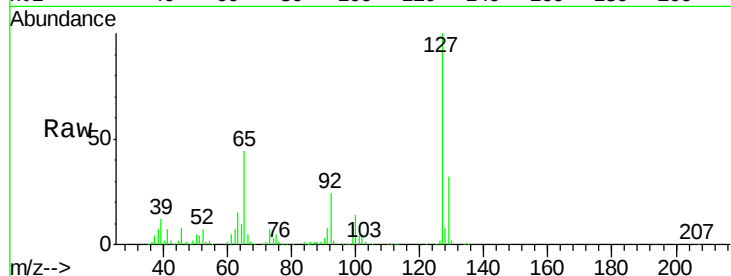
#33
4-Chloroaniline
Concen: 39.14 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1	26.1	39.1		
65	44.4	34.4	51.6		
92	24.3	19.5	29.3		

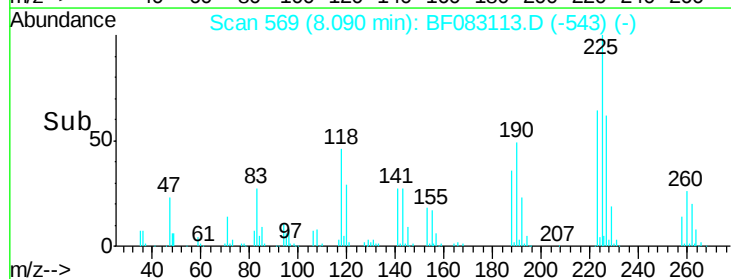
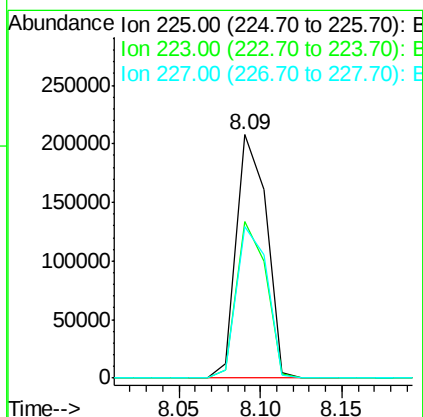
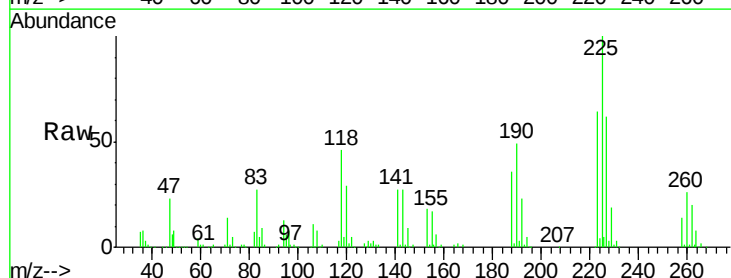
Manual Integrations
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#34
Hexachlorobutadiene
Concen: 39.62 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.1	49.8	74.6		
227	62.3	50.6	76.0		





#35

Caprolactam

Concen: 41.07 ng

RT: 8.49 min Scan# 604

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

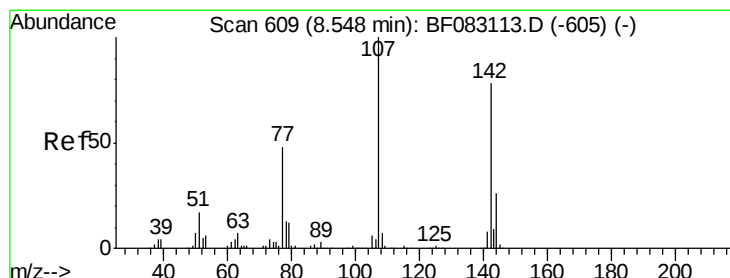
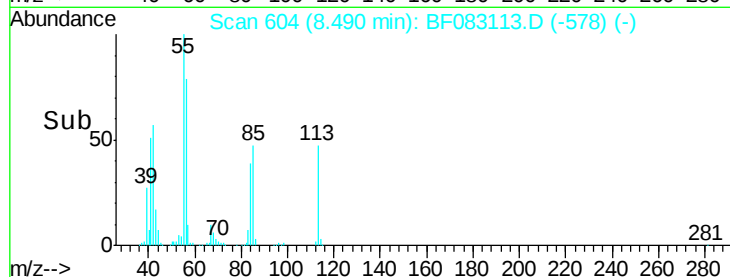
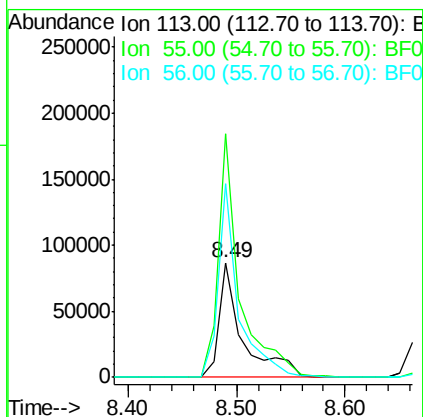
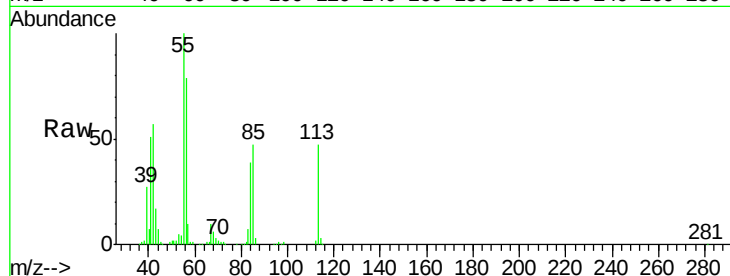
ClientSampleId :

SSTDICCC040

Tot Ion:	113	Resp:	130449
Ion Ratio	Lower	Upper	
113	100		
55	212.6	189.1	229.1
56	168.6	137.9	177.9

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#36

4-Chloro-3-methylphenol

Concen: 38.83 ng

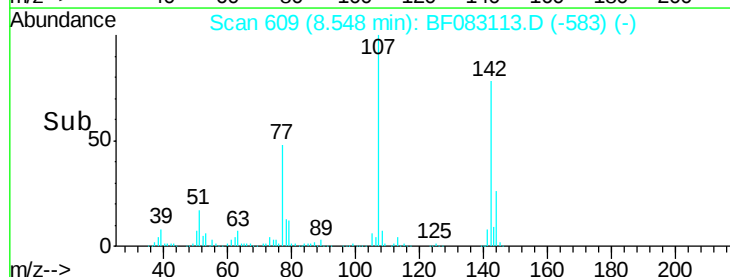
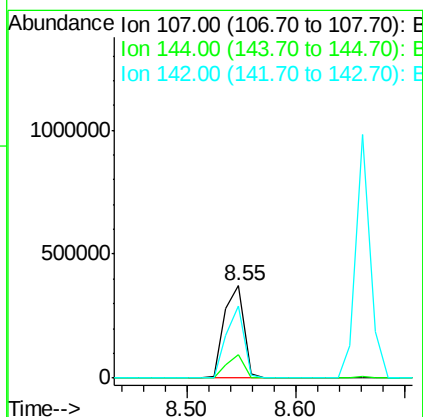
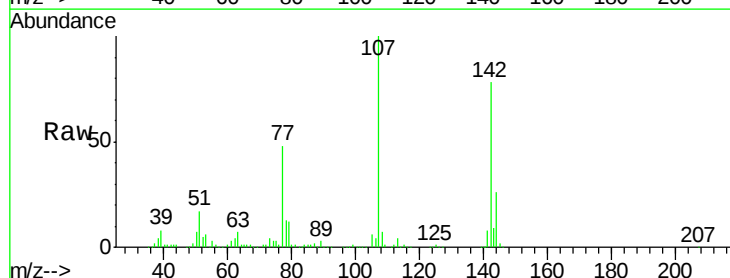
RT: 8.55 min Scan# 609

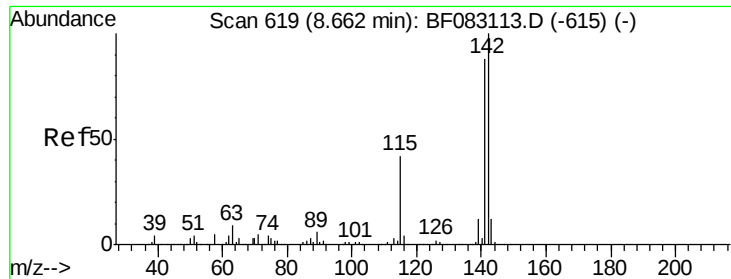
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion:	107	Resp:	467378
Ion Ratio	Lower	Upper	
107	100		
144	26.0	20.0	30.0
142	77.6	61.3	91.9





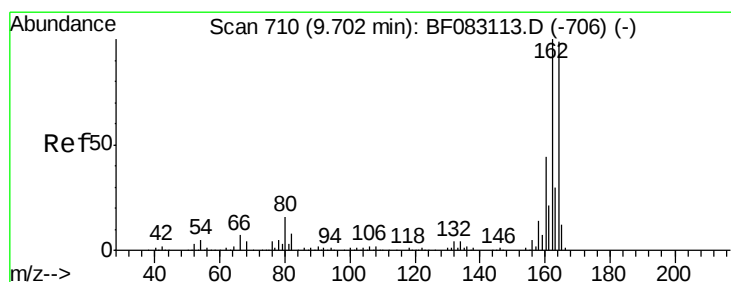
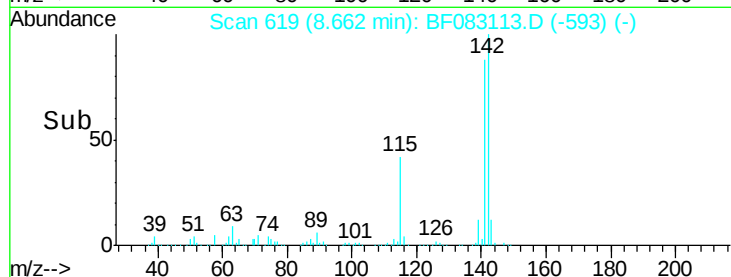
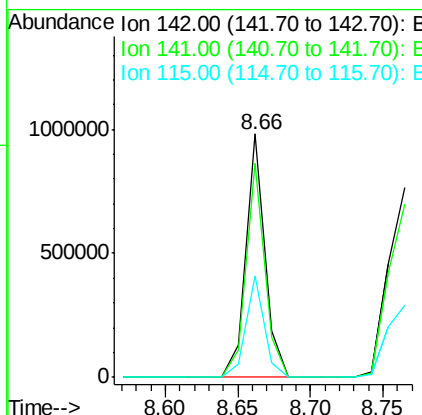
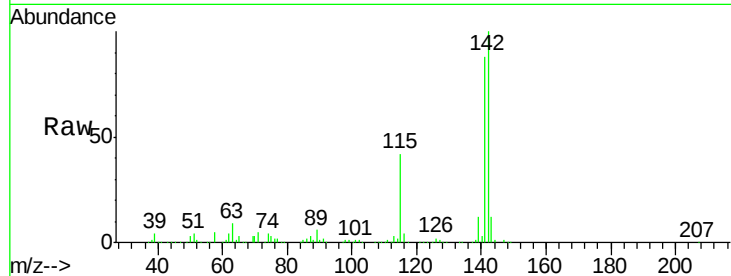
#37
2-Methylnaphthalene
Concen: 39.52 ng
RT: 8.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100		894478		
141	87.9	70.7	106.1		
115	41.8	33.1	49.7		

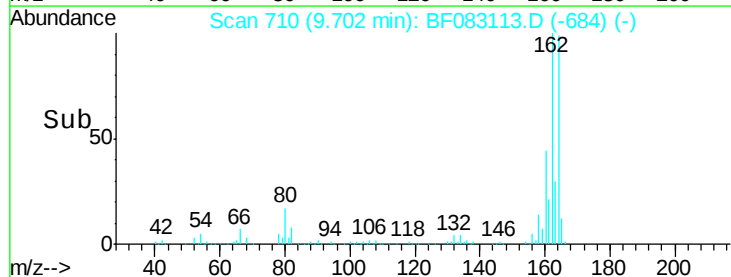
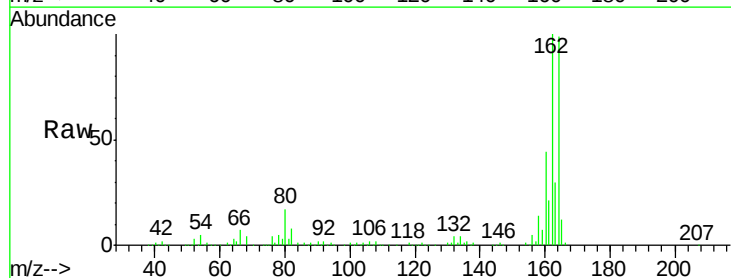
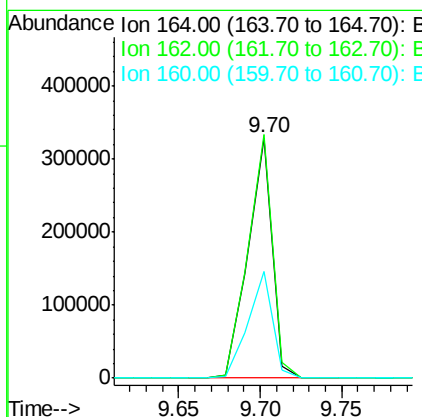
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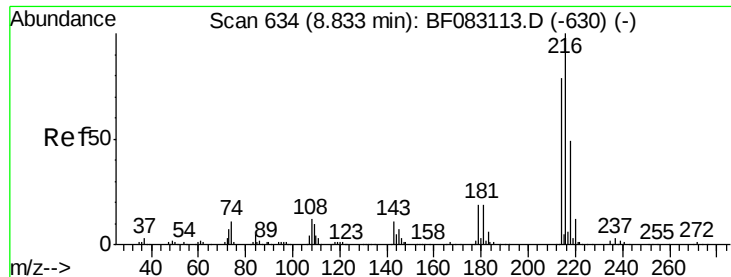
Mmdadoda
11/23/2015 7:01:20 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
164	100		338648		
162	101.5	80.5	120.7		
160	44.5	35.0	52.4		





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.03 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF083113.D

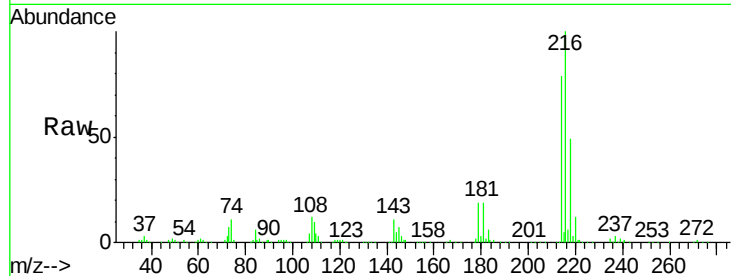
Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

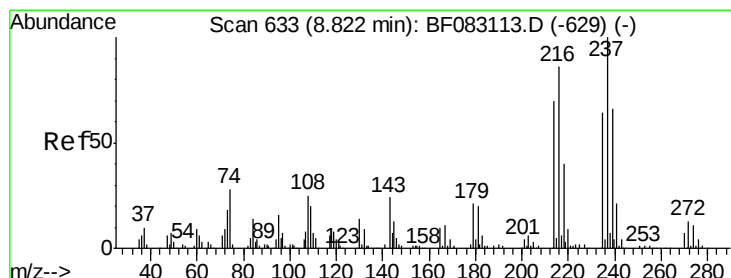
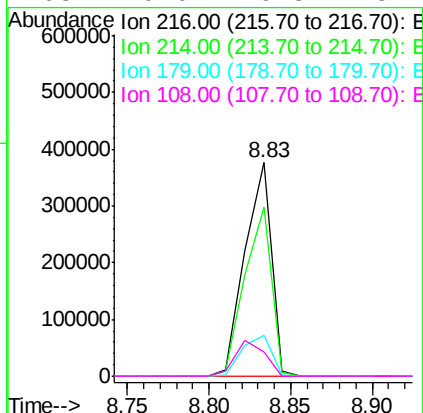
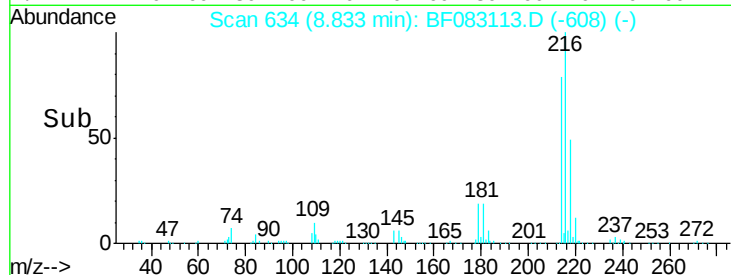
SSTDICCC040



Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.8	64.6	97.0	
179	21.3	17.8	26.6	
108	19.0	16.8	25.2	

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#40

Hexachlorocyclopentadiene

Concen: 39.72 ng

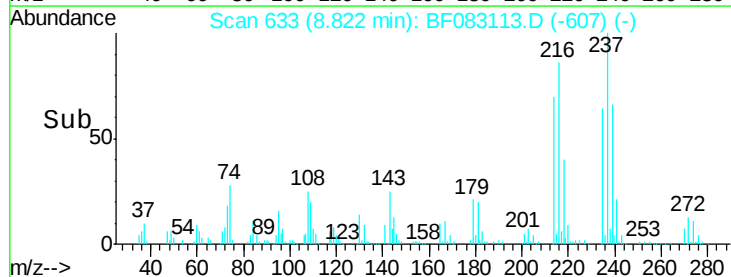
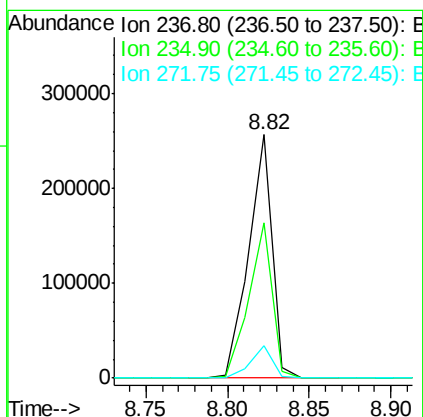
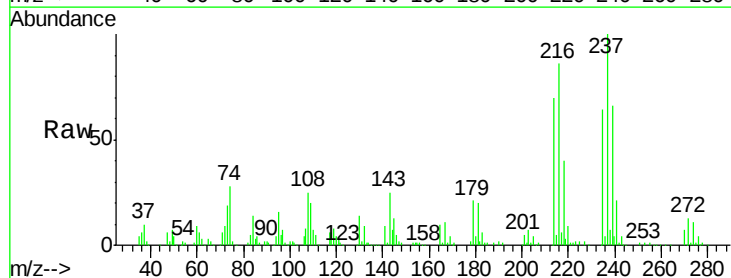
RT: 8.82 min Scan# 633

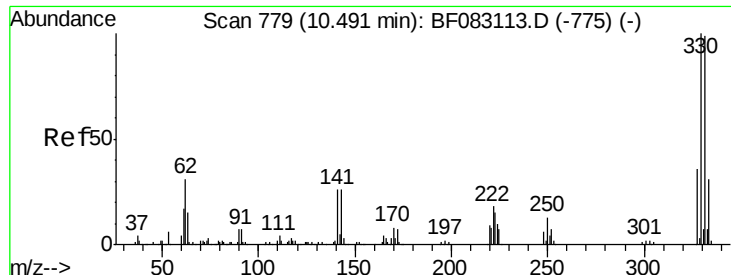
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.5	44.1	84.1	
272	13.1	0.0	30.9	





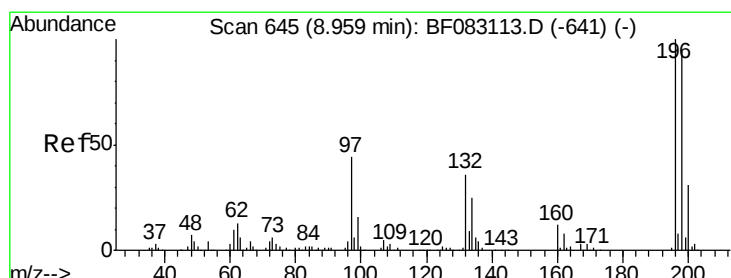
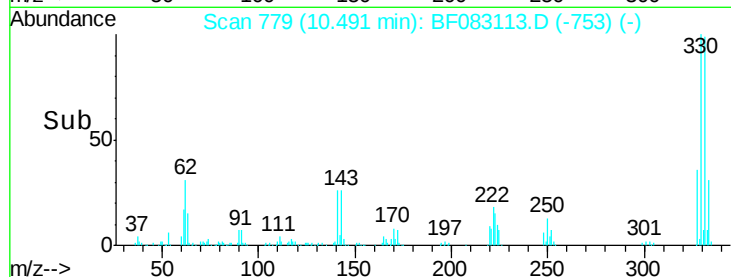
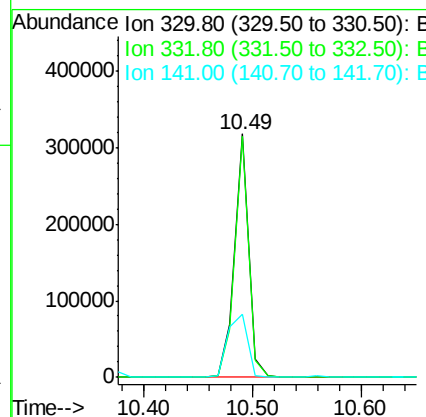
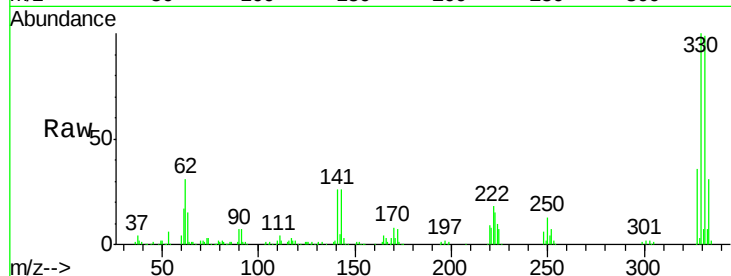
#41
 2,4,6-Tribromophenol
 Concen: 82.99 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	284340		
332	97.1	77.6	116.4	
141	37.1	34.6	52.0	

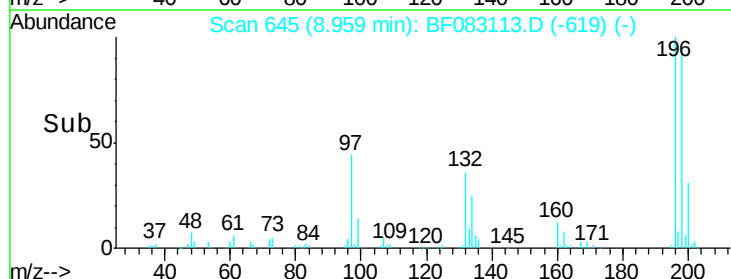
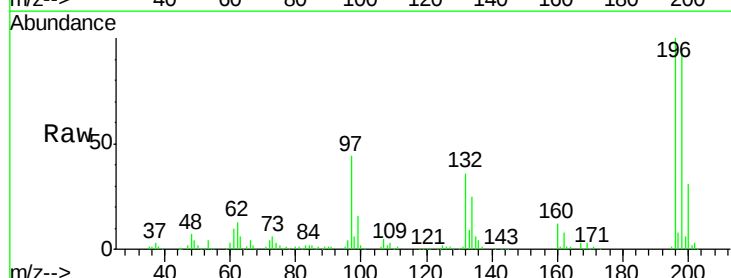
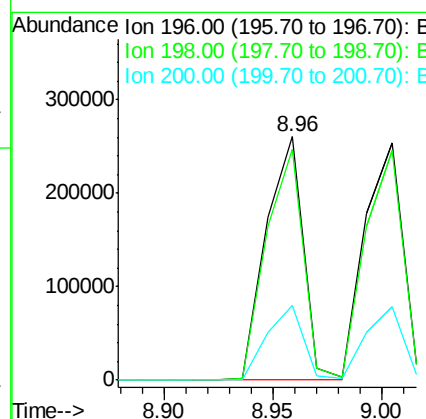
Manual Integrations
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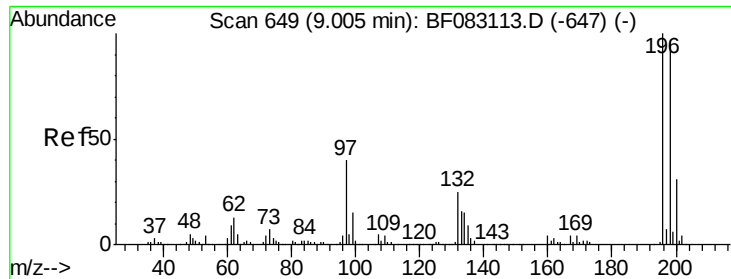
Mmdadoda
 11/23/2015 7:01:20 PM



#42
 2,4,6-Trichlorophenol
 Concen: 39.52 ng
 RT: 8.96 min Scan# 645
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

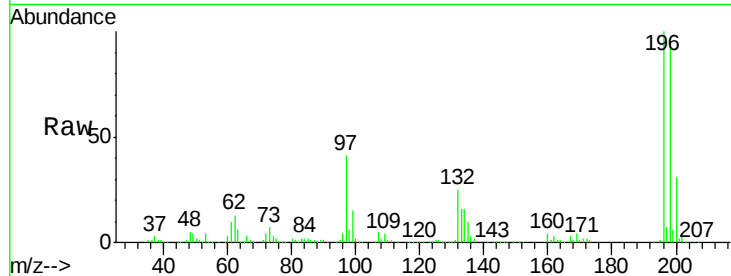
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	310488		
198	94.9	75.9	113.9	
200	30.6	24.0	36.0	





#43
 2,4,5-Trichlorophenol
 Concen: 38.95 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

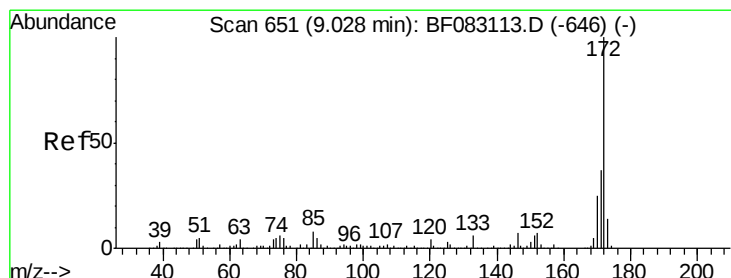
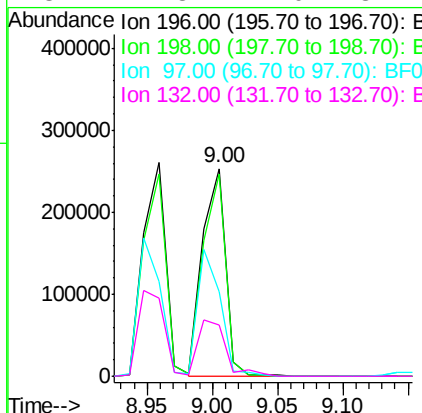
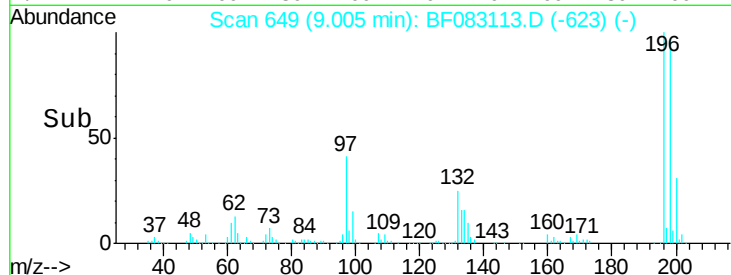
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



Tot Ion	Ratio	Resp	Lower	Upper
196	100	312063		
198	97.0	77.8	116.6	
97	40.7	37.1	55.7	
132	24.8	21.0	31.4	

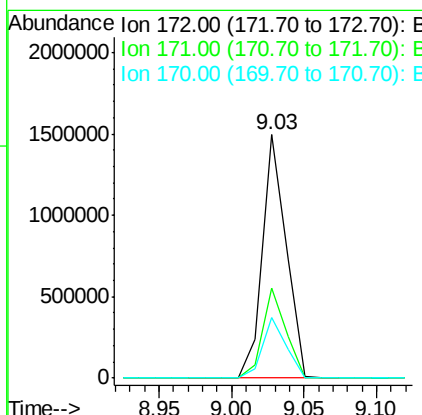
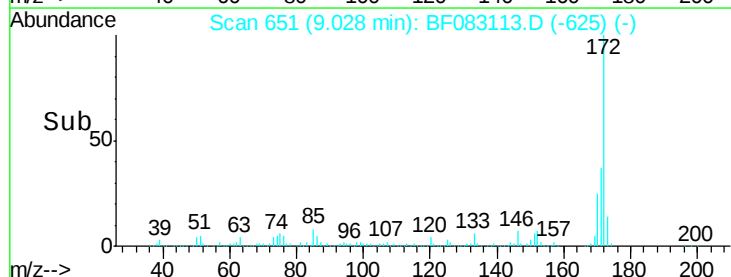
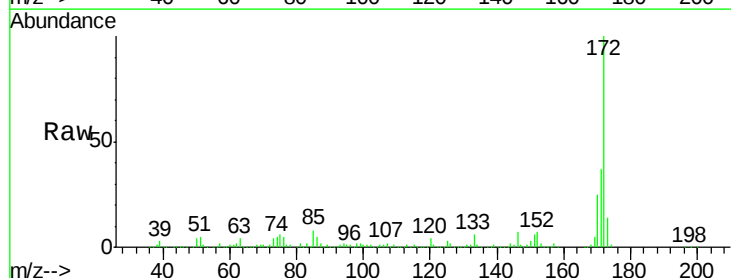
Manual Integrations
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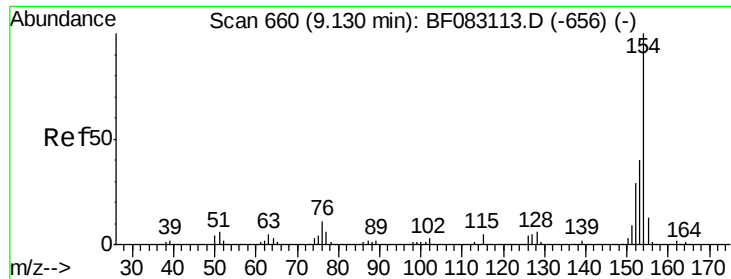
Mmdadoda
 11/23/2015 7:01:20 PM



#44
 2-Fluorobiphenyl
 Concen: 73.34 ng
 RT: 9.03 min Scan# 651
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1703026		
171	36.9	28.2	42.4	
170	24.9	19.4	29.0	





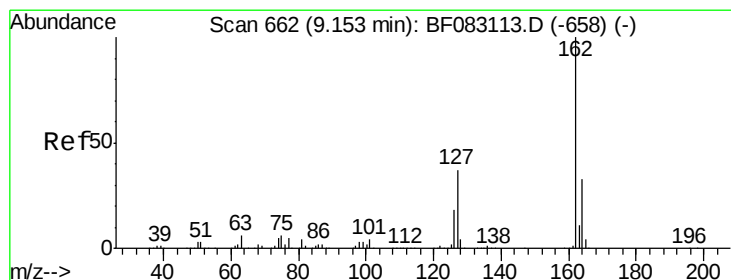
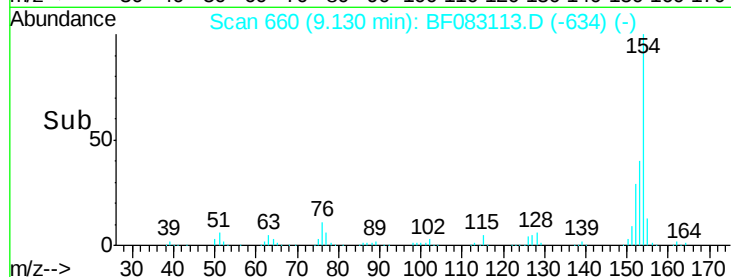
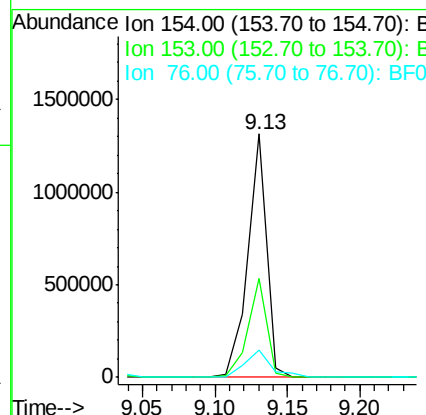
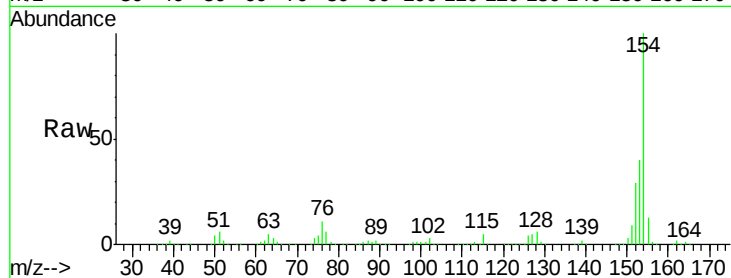
#45
1,1'-Biphenyl
Concen: 42.05 ng
RT: 9.13 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:154 Resp: 1185676
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 11.2 0.0 34.0

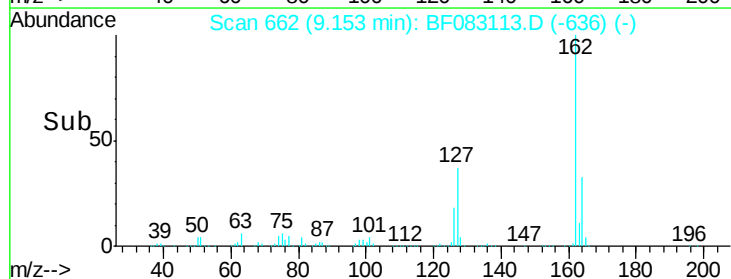
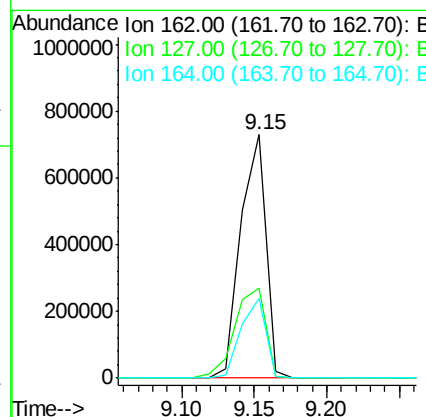
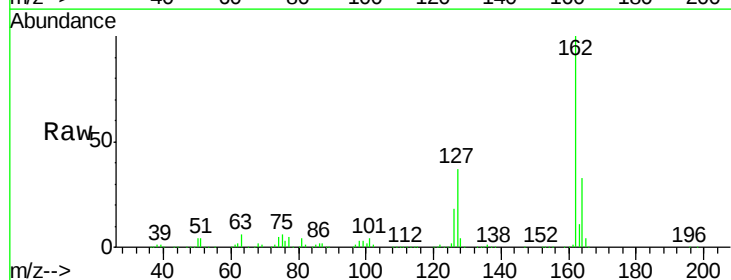
Manual Integrations
APPROVED

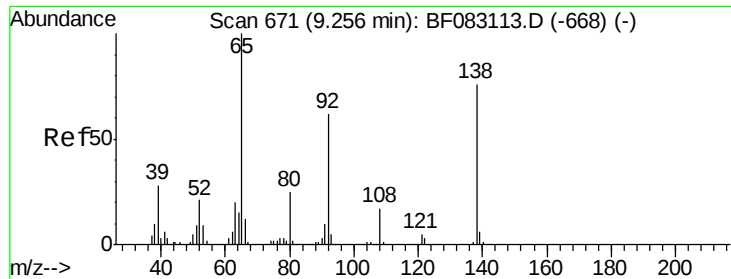
Mmdadoda
11/23/2015 7:01:20 PM



#46
2-Chloronaphthalene
Concen: 39.56 ng
RT: 9.15 min Scan# 662
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion:162 Resp: 877573
Ion Ratio Lower Upper
162 100
127 36.8 32.8 49.2
164 32.8 26.9 40.3





#47

2-Nitroaniline

Concen: 37.43 ng

RT: 9.26 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

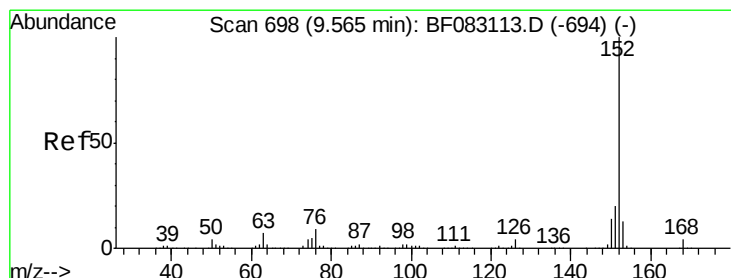
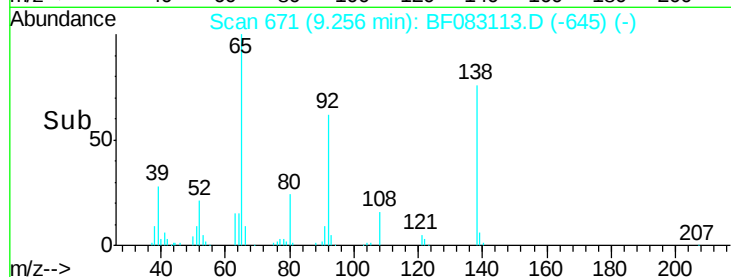
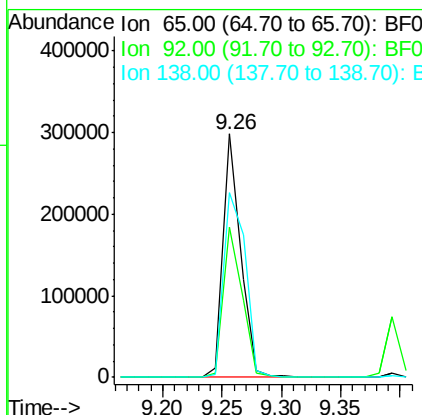
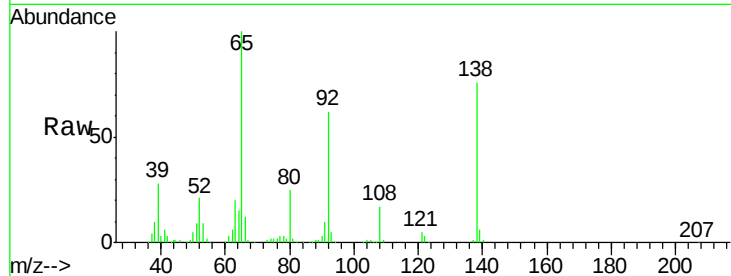
ClientSampleId :

SSTDICCC040

Tot Ion:	65	Resp:	303776
Ion Ratio	Lower	Upper	
65	100		
92	61.9	49.6	74.4
138	75.9	58.8	88.2

Manual Integrations
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Mmdadoda
11/23/2015 7:01:20 PM



#48

Acenaphthylene

Concen: 40.34 ng

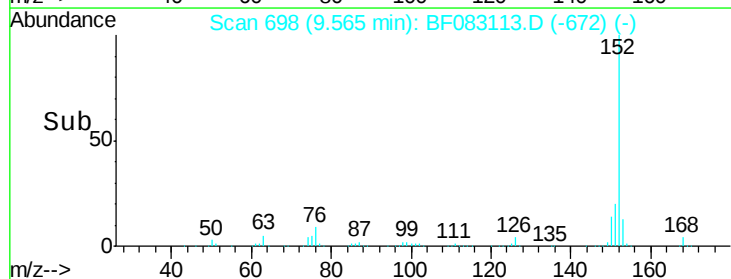
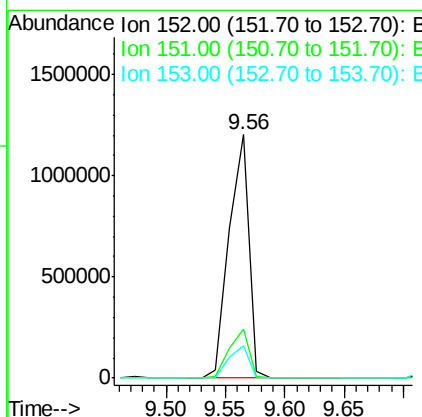
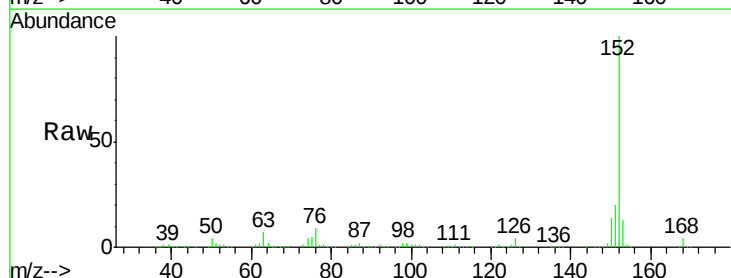
RT: 9.56 min Scan# 698

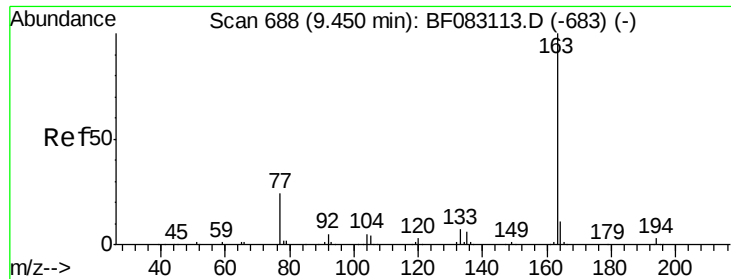
Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion:	152	Resp:	1387346
Ion Ratio	Lower	Upper	
152	100		
151	20.4	16.2	24.2
153	13.5	10.6	15.8





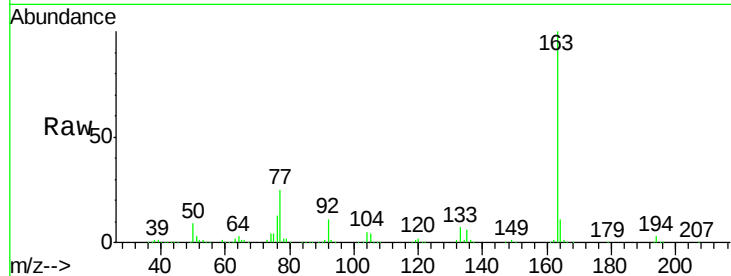
#49
Dimethylphthalate
Concen: 40.03 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	10.7	8.5	12.7

Manual Integrations
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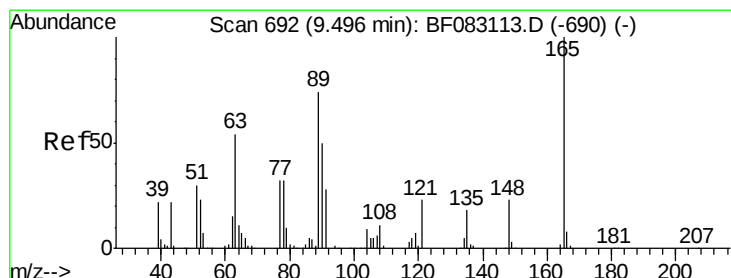
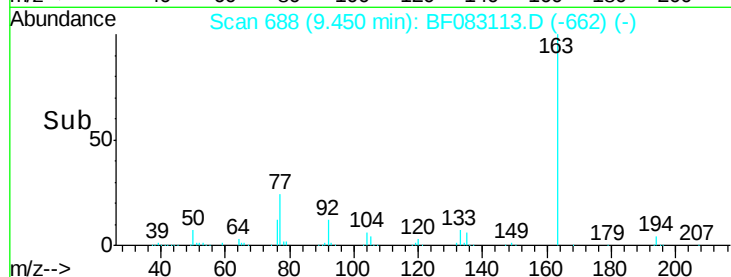
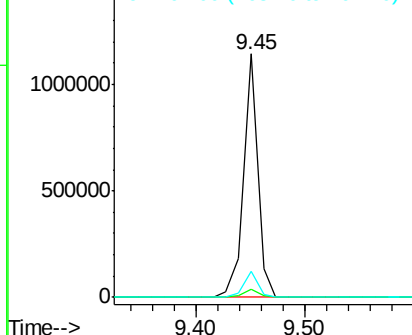


Abundance

Ion 163.00 (162.70 to 163.70): E

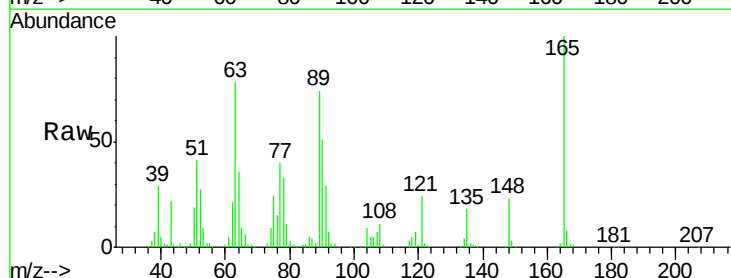
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
2,6-Dinitrotoluene
Concen: 36.04 ng
RT: 9.50 min Scan# 692
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	78.1	40.6	61.0#
89	73.9	44.5	66.7#

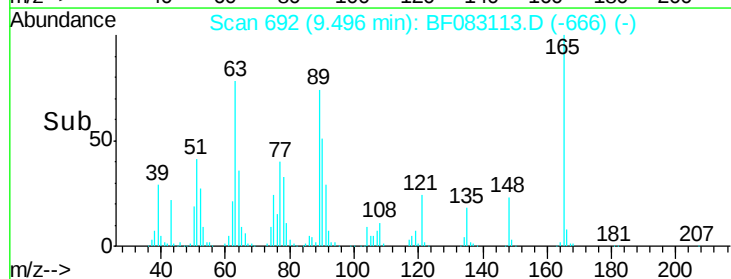
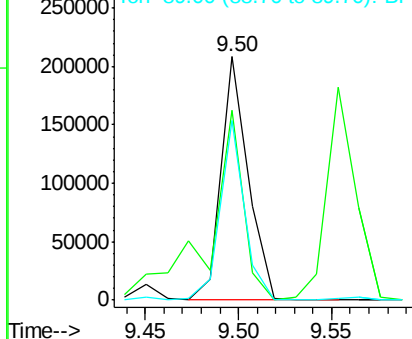


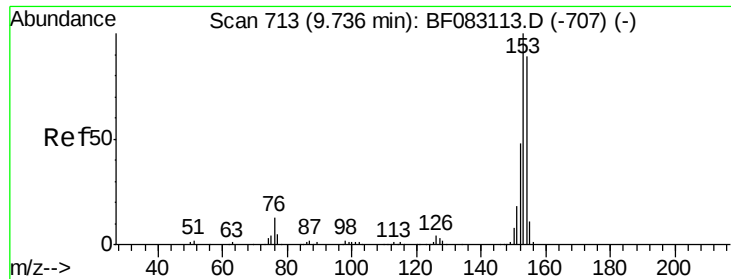
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.44 ng

RT: 9.74 min Scan# 713

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

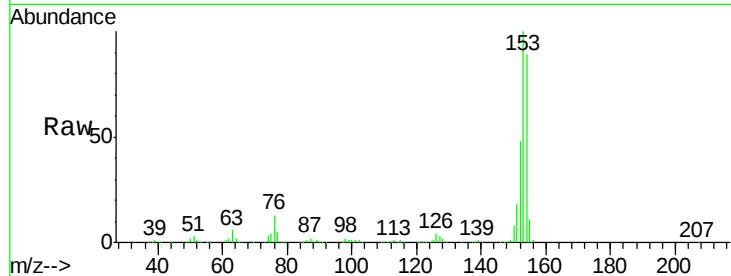
ClientSampleId :

SSTDICCC040

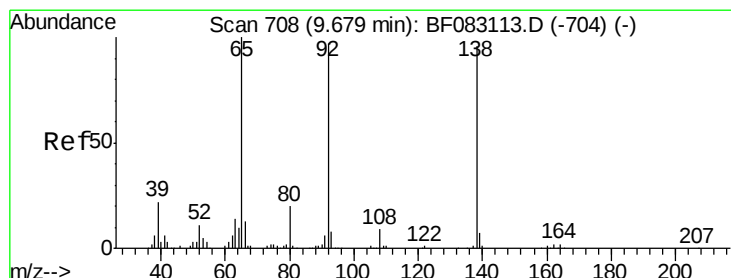
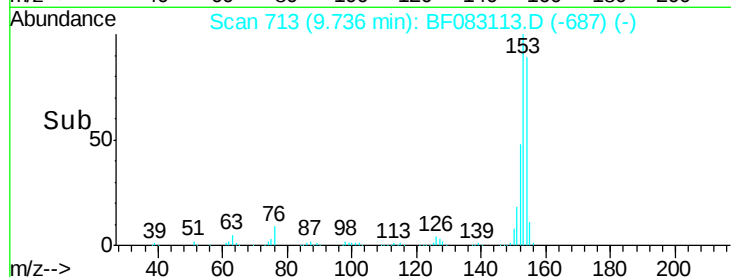
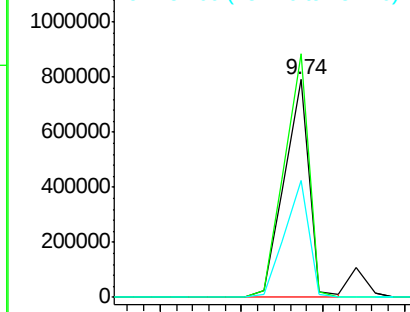
Manual Integrations
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Tot Ion:	154	Resp:	842363
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.1	135.1
152	54.1	43.3	64.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 39.77 ng

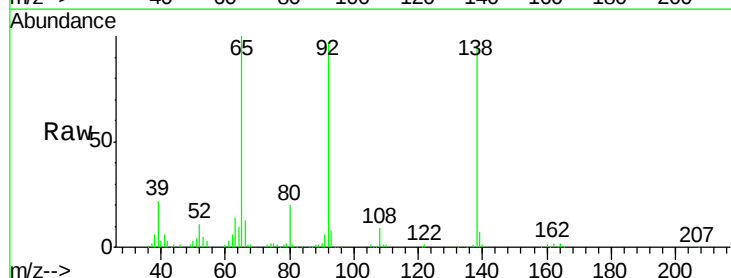
RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

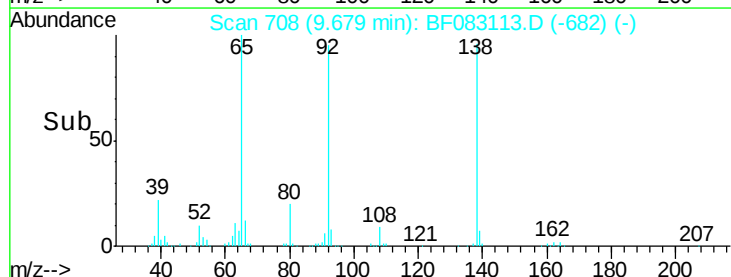
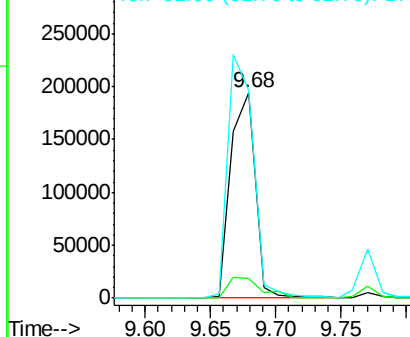
Lab File: BF083113.D

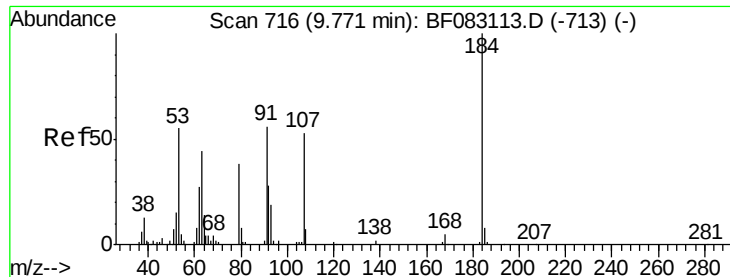
Acq: 21 Nov 2015 14:57

Tgt Ion:	138	Resp:	255890
Ion Ratio	Lower	Upper	
138	100		
108	9.7	9.4	14.0
92	101.4	115.2	172.8#



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF0





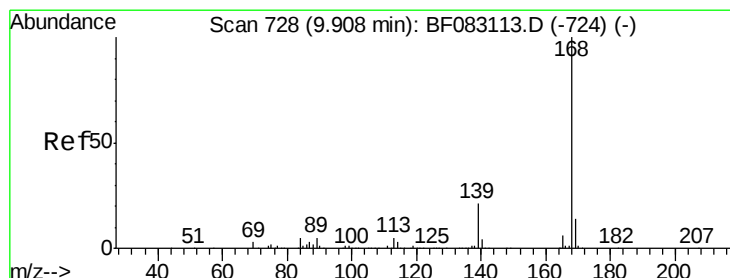
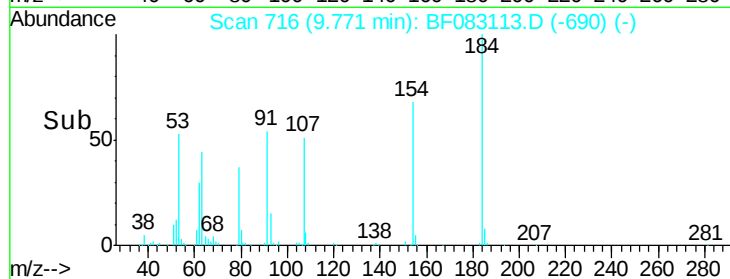
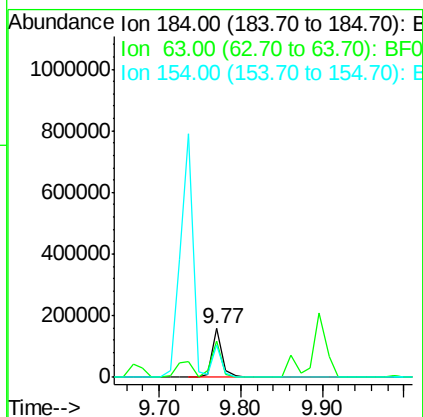
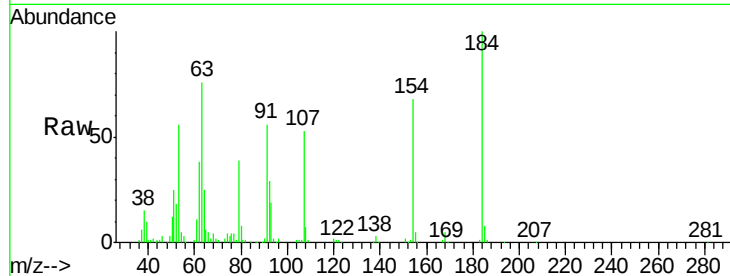
#53
2,4-Dinitrophenol
Concen: 40.58 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100	136757		
63	75.6	30.4	45.6#	
154	67.9	44.9	67.3#	

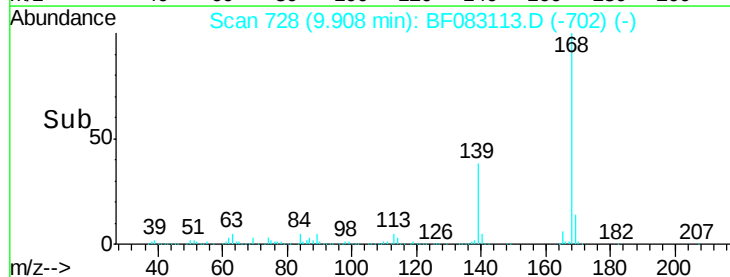
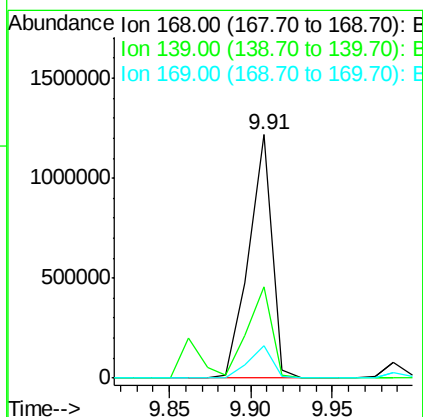
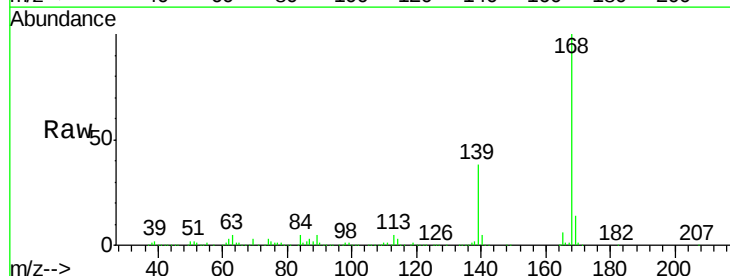
Manual Integrations
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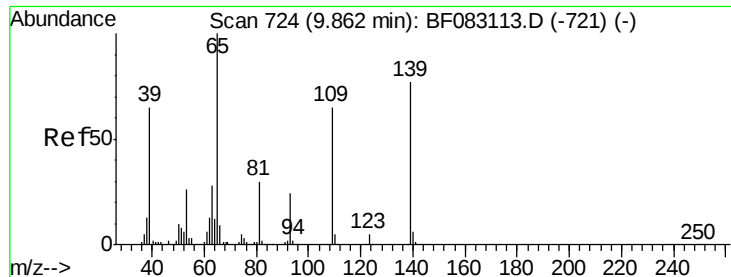
Mmdadoda
11/23/2015 7:01:20 PM



#54
Dibenzofuran
Concen: 41.03 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1202845		
139	37.7	33.5	50.3	
169	13.6	11.2	16.8	





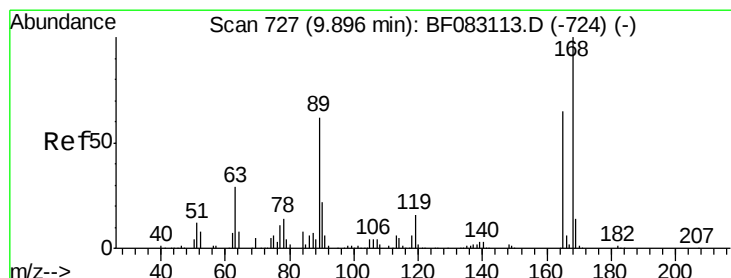
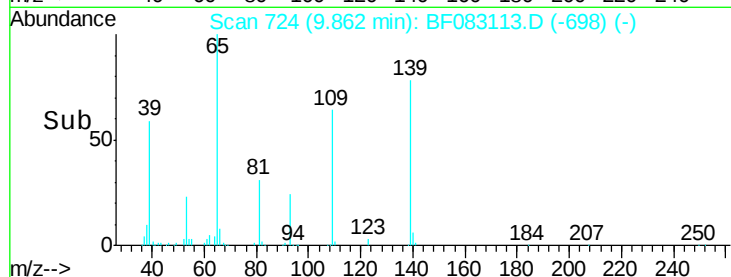
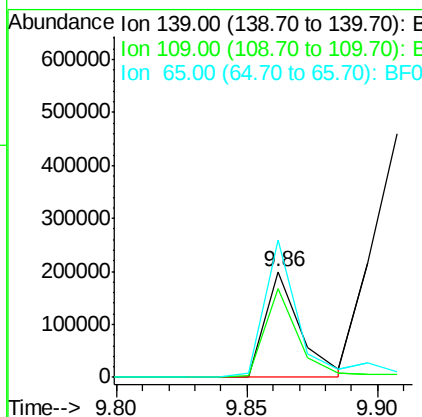
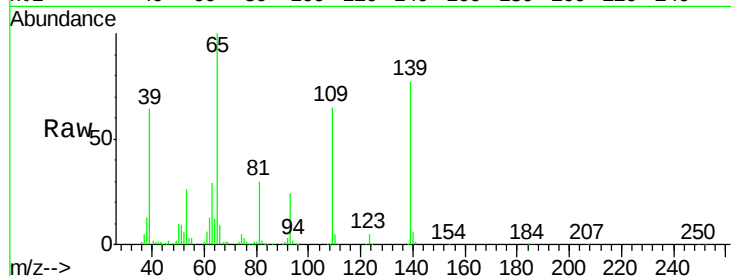
#55
4-Nitrophenol
Concen: 39.10 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	84.0	54.6	94.6
65	129.5	74.4	114.4

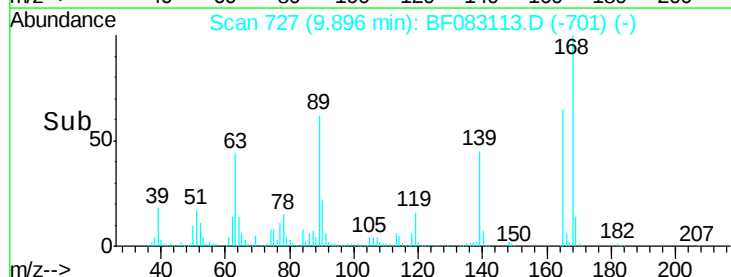
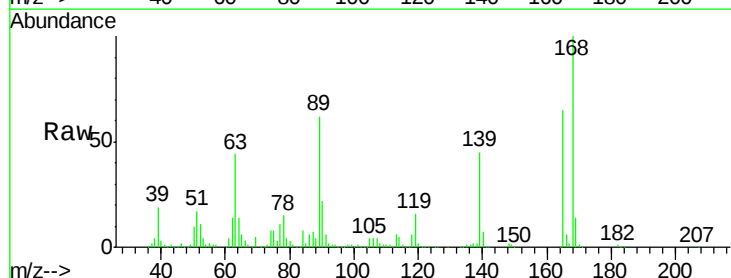
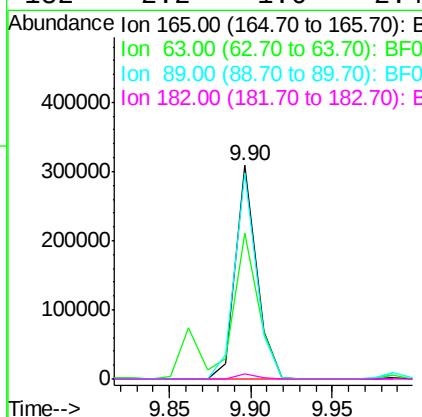
Manual Integrations
APPROVED

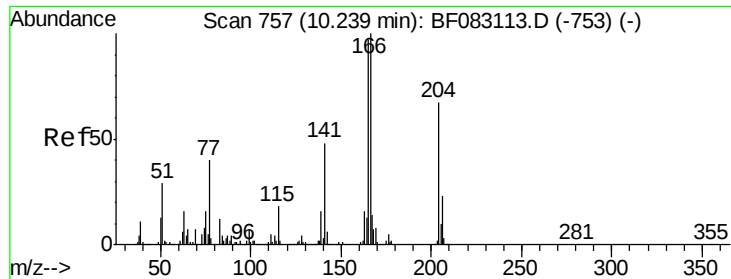
Mmdadoda
11/23/2015 7:01:20 PM



#56
2,4-Dinitrotoluene
Concen: 37.32 ng
RT: 9.90 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
165	100		
63	68.1	40.6	61.0
89	96.6	64.4	96.6
182	2.2	1.6	2.4





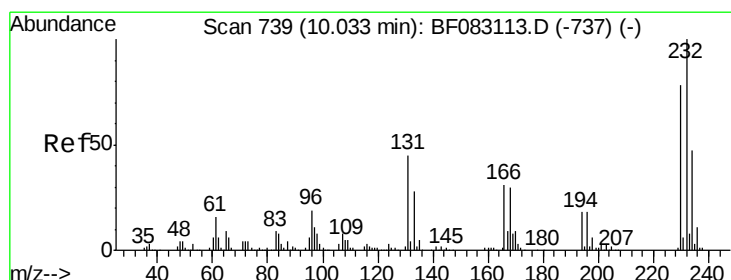
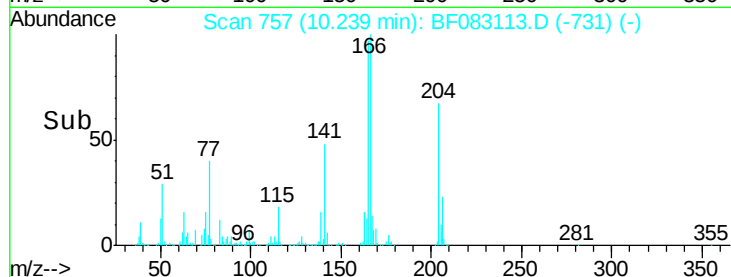
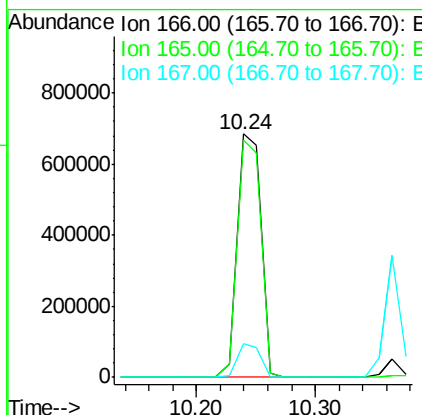
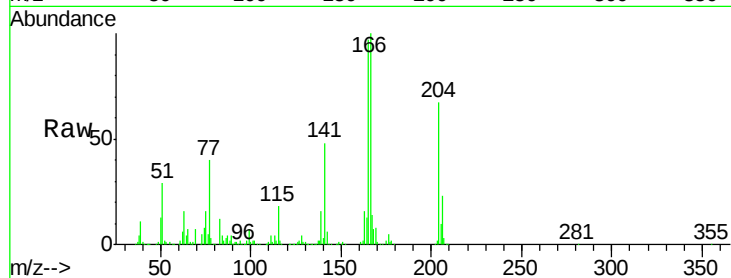
#57
 Fluorene
 Concen: 39.27 ng
 RT: 10.24 min Scan# 757
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
166	100		
165	97.5	77.1	115.7
167	14.1	11.0	16.4

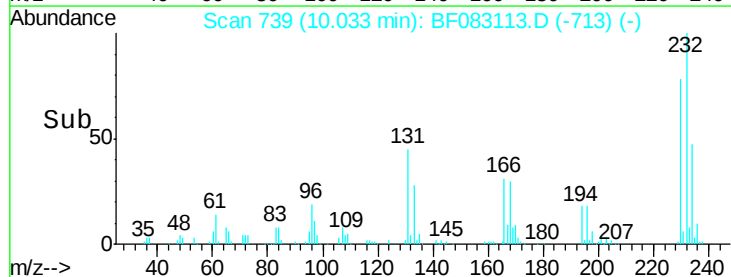
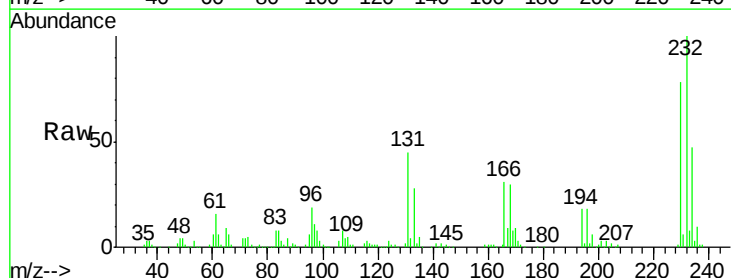
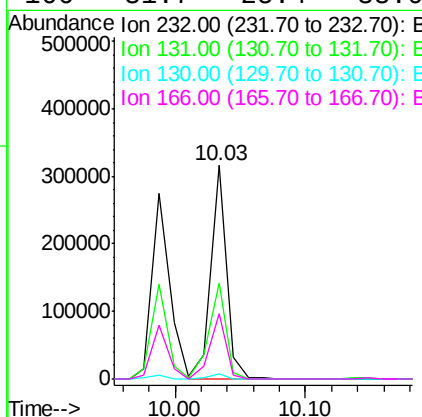
Manual Integrations
 APPROVED

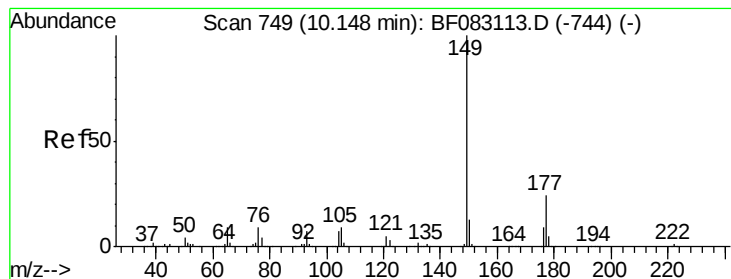
Mmdadoda
 11/23/2015 7:01:20 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.73 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.2	36.5	54.7
130	2.4	1.8	2.6
166	31.7	25.4	38.0





#59

Diethylphthalate

Concen: 40.29 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1030517

Ion Ratio Lower Upper

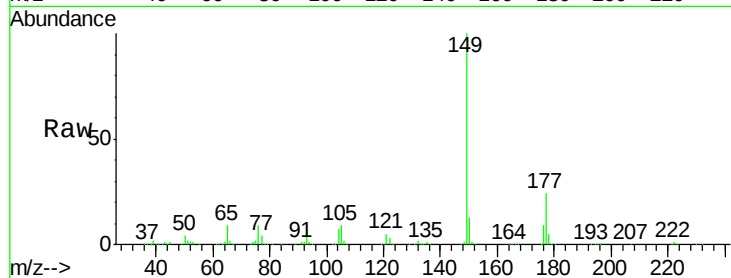
149 100

177 24.3 17.4 26.2

150 12.7 10.2 15.2

Manual Integrations
APPROVED

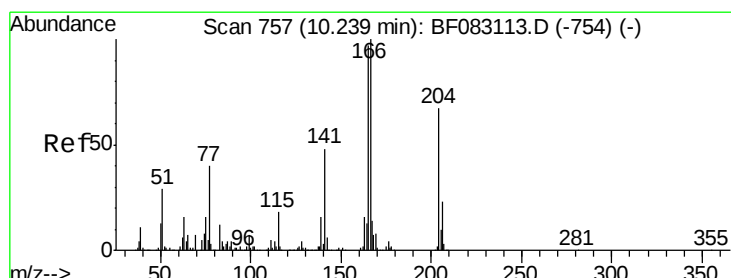
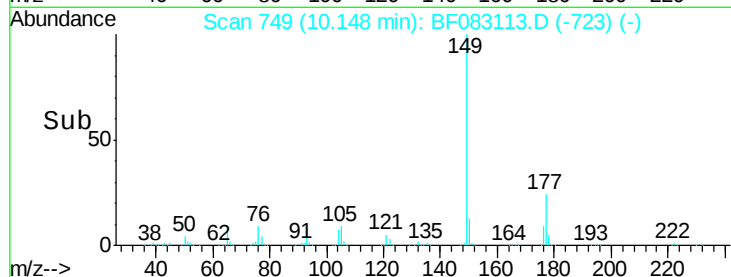
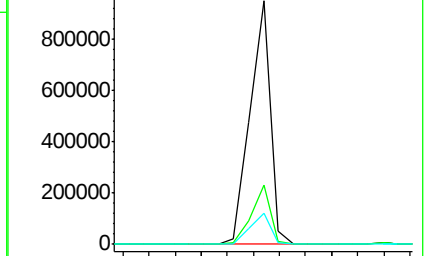
Mmdadoda
11/23/2015 7:01:20 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.19 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

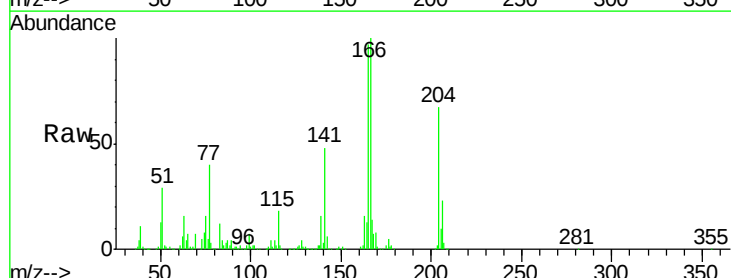
Tgt Ion:204 Resp: 431662

Ion Ratio Lower Upper

204 100

206 34.2 28.2 42.4

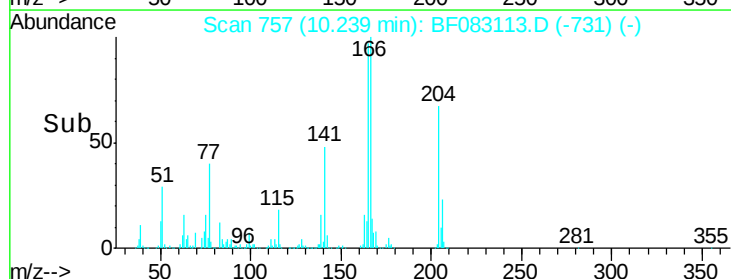
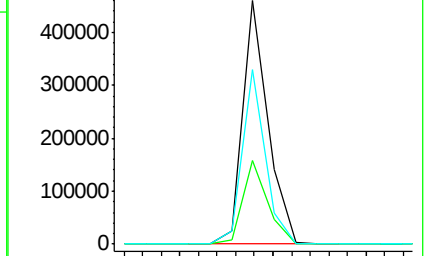
141 71.8 41.8 62.8#

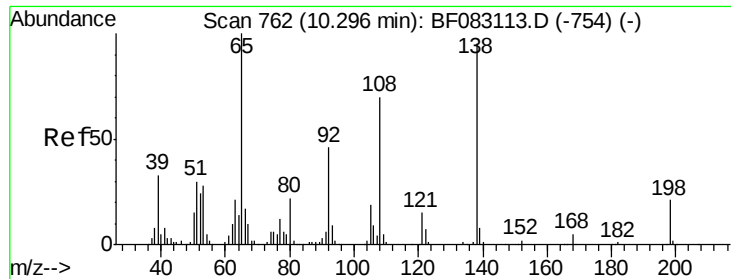


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





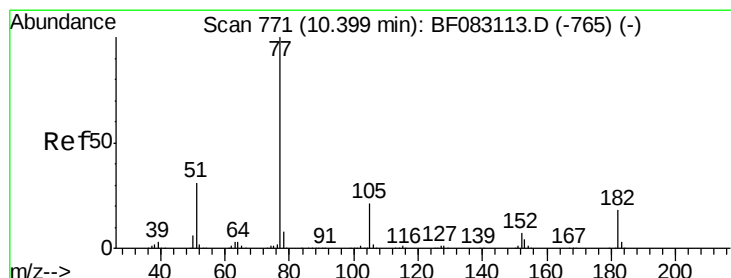
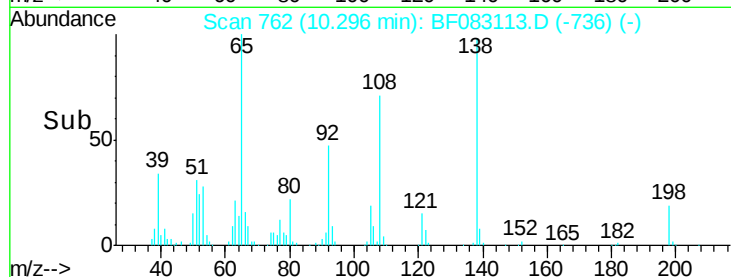
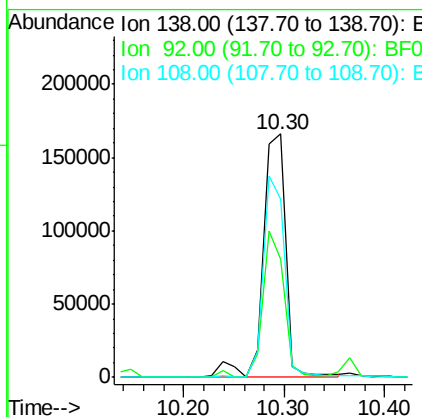
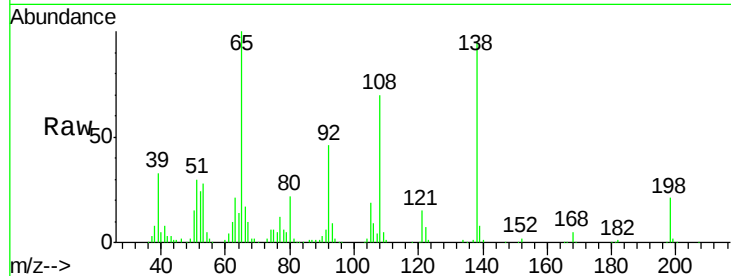
#61
4-Nitroaniline
Concen: 40.98 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.4	36.4	76.4
108	73.5	59.6	99.6

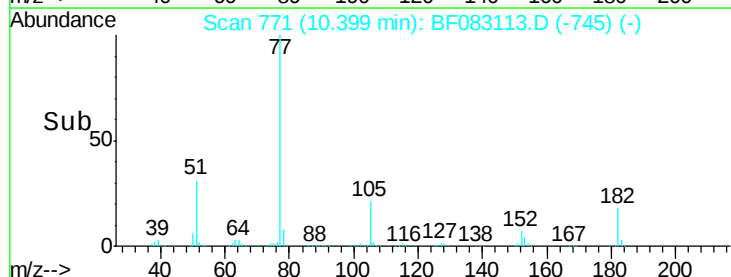
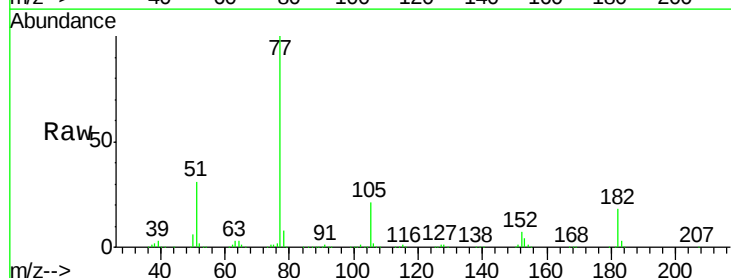
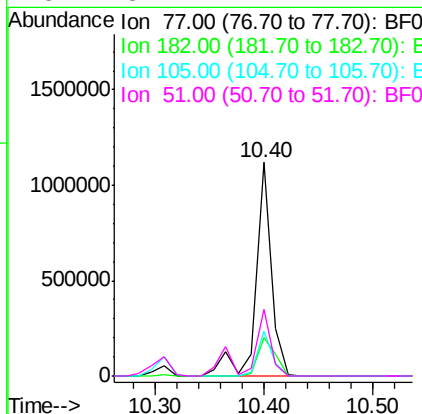
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#62
Azobenzene
Concen: 39.22 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
77	100		
182	18.3	10.8	50.8
105	21.2	3.4	43.4
51	31.1	4.7	44.7





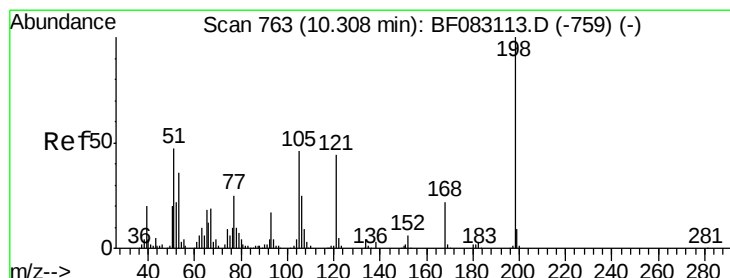
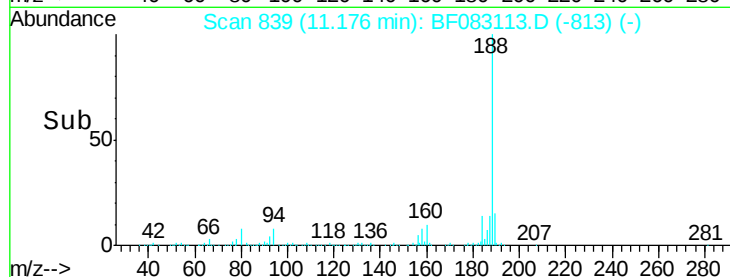
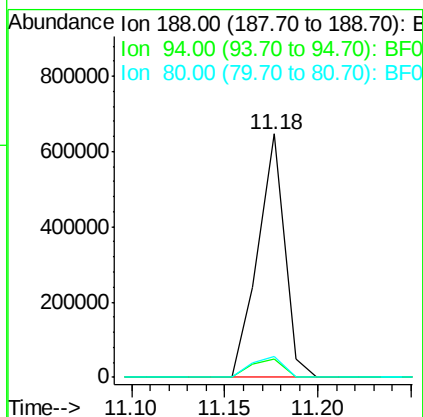
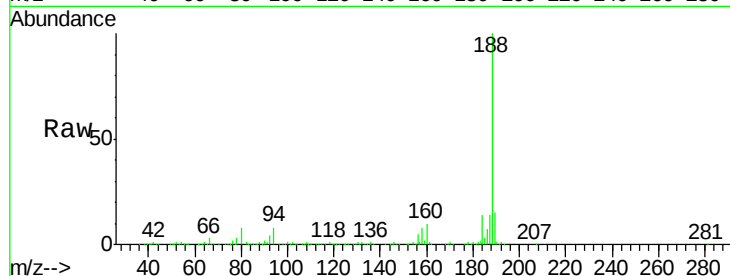
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	644237		
94	7.5	9.0	13.4#	
80	8.4	10.2	15.4#	

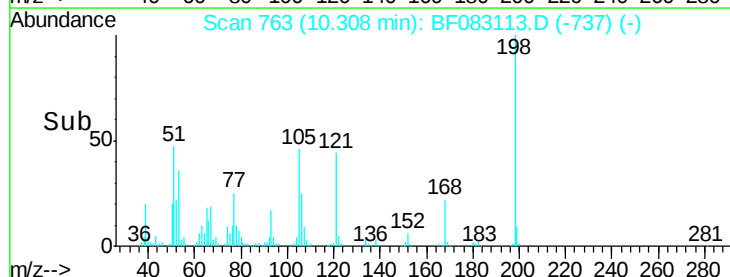
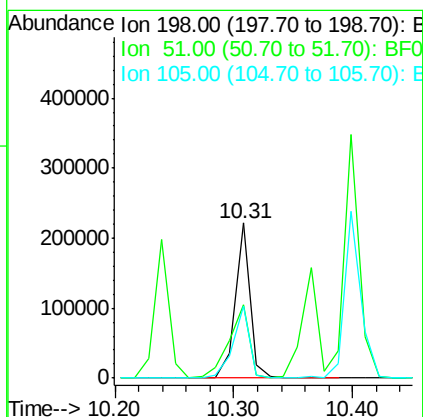
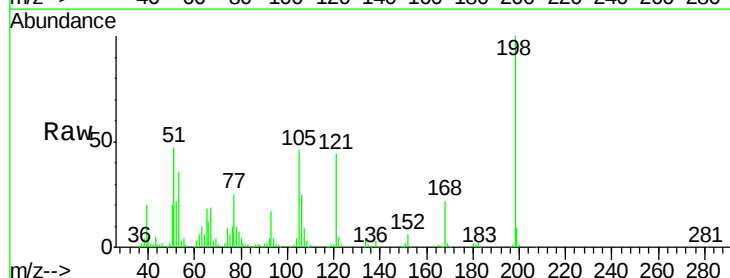
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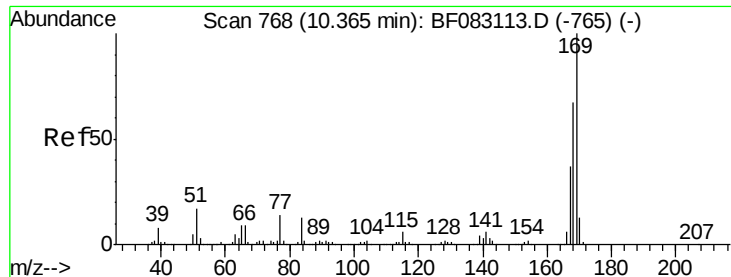
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11/23/2015 7:01:20 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 41.74 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	192572		
51	47.0	11.1	51.1	
105	46.1	16.5	56.5	





#65

n-Nitrosodiphenylamine

Concen: 38.58 ng

RT: 10.36 min Scan# 768

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

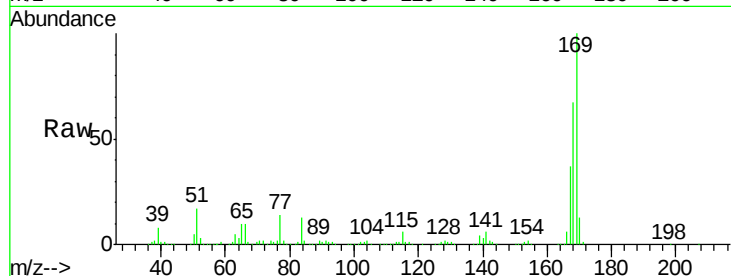
ClientSampleId :

SSTDICCC040

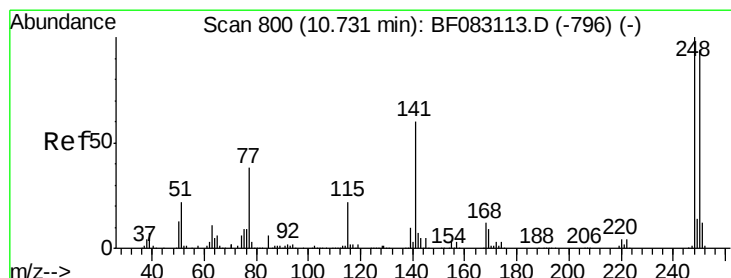
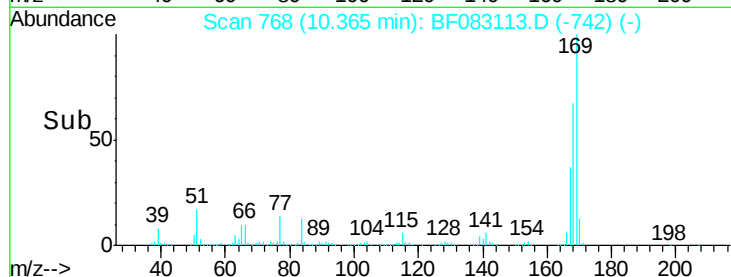
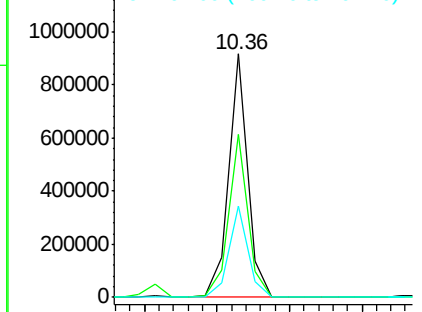
Tot Ion:	169	Resp:	831295
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.2	81.2
167	37.3	29.5	44.3

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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.56 ng

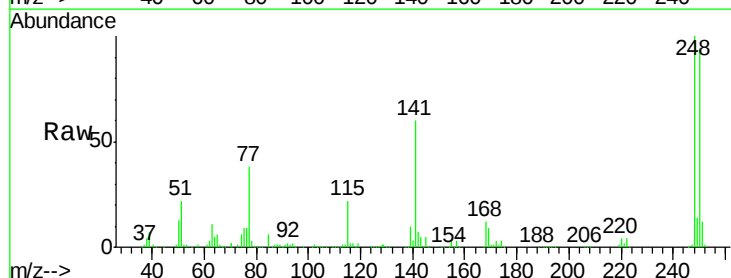
RT: 10.73 min Scan# 800

Delta R.T. 0.00 min

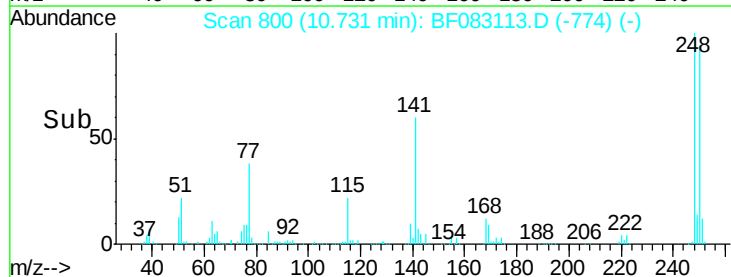
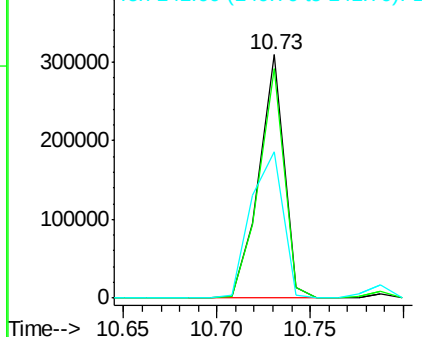
Lab File: BF083113.D

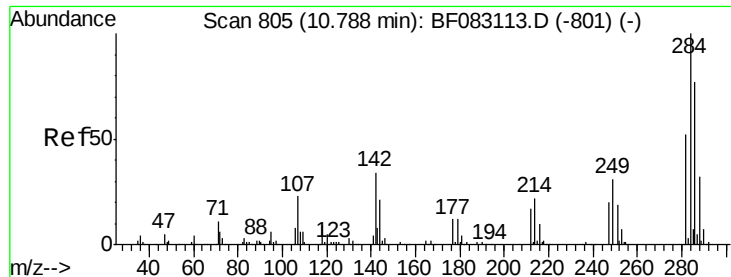
Acq: 21 Nov 2015 14:57

Tgt Ion:	248	Resp:	288372
Ion Ratio	Lower	Upper	
248	100		
250	94.3	76.1	114.1
141	60.1	79.2	118.8#



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





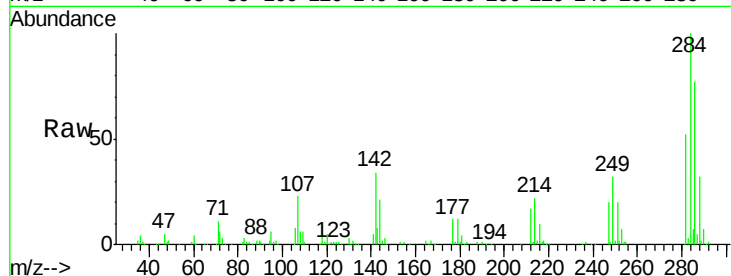
#67
Hexachlorobenzene
Concen: 39.60 ng
RT: 10.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

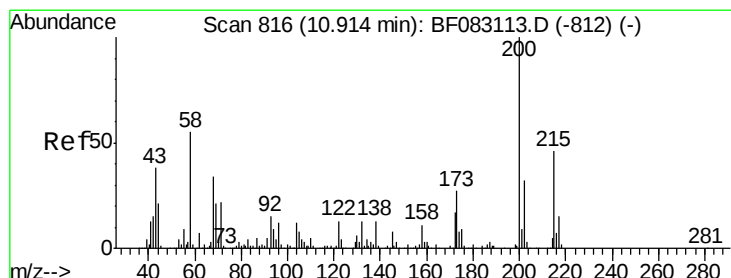
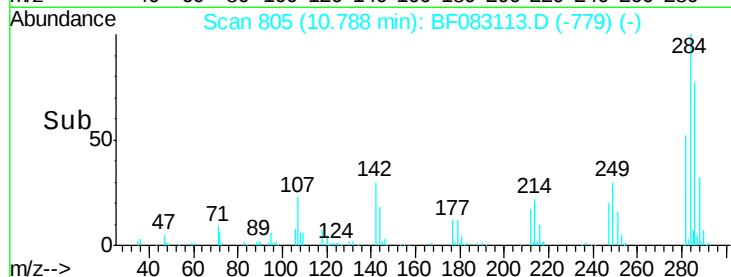
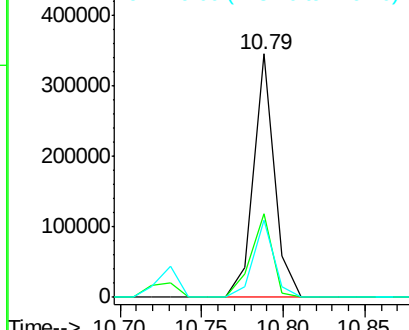
Tot Ion	Ratio	Resp	Lower	Upper
284	100	308170		
142	34.5	29.5	44.3	
249	31.9	27.2	40.8	

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11/23/2015 7:01:20 PM

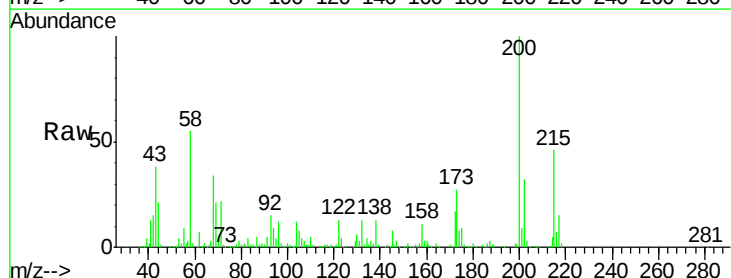


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

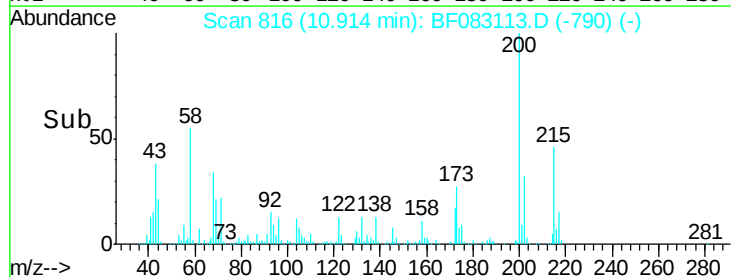
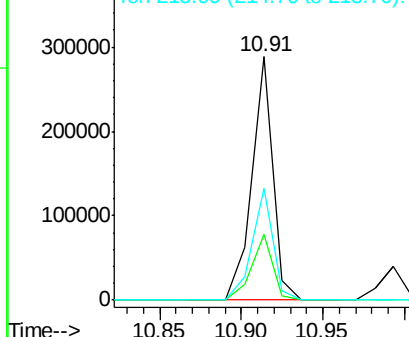


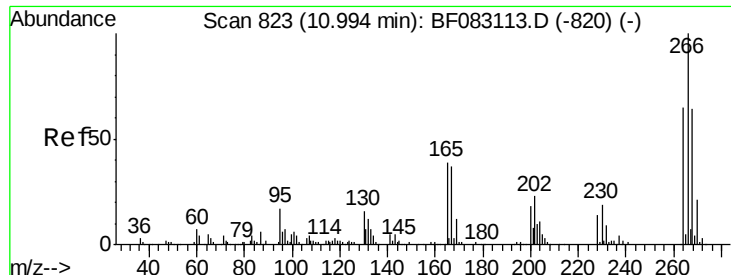
#68
Atrazine
Concen: 41.03 ng
RT: 10.91 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	258135		
173	27.2	4.9	44.9	
215	45.7	25.5	65.5	



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





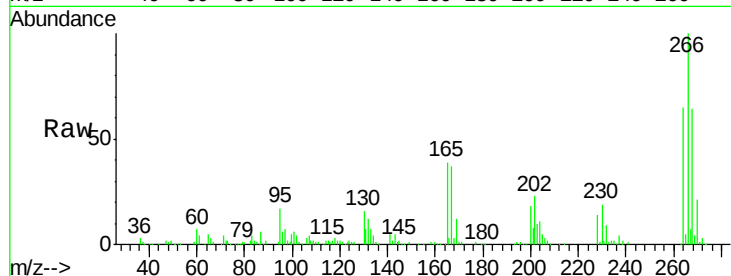
#69
 Pentachlorophenol
 Concen: 40.06 ng
 RT: 10.99 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

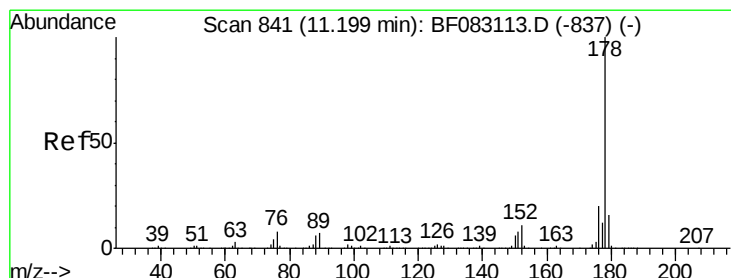
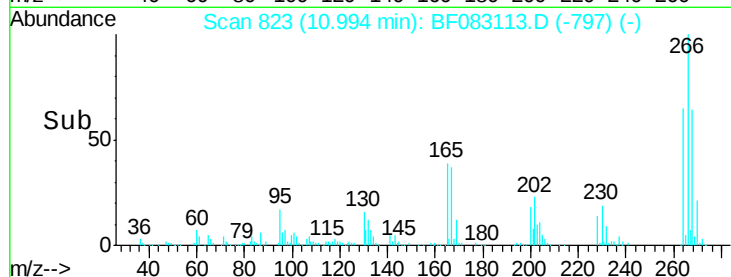
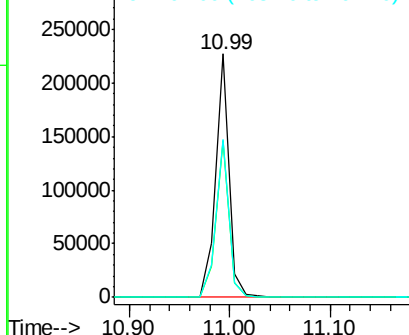
Tot Ion	Ratio	Lower	Upper
266	100		
268	64.2	49.6	74.4
264	64.6	52.7	79.1

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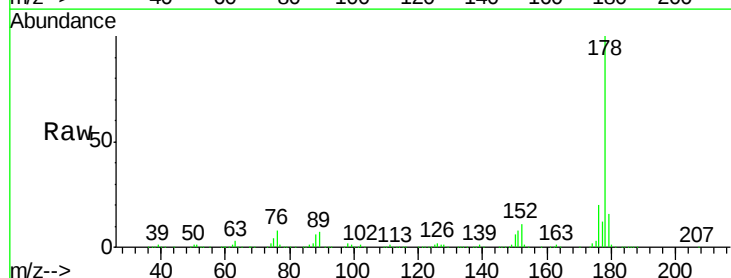


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

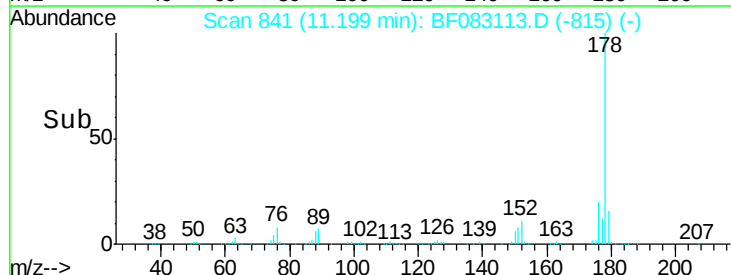
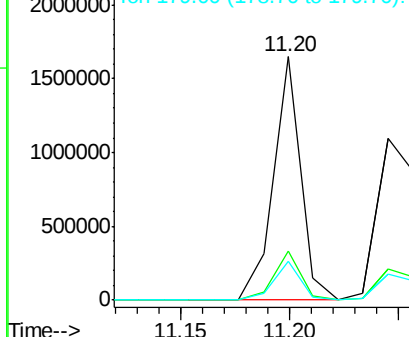


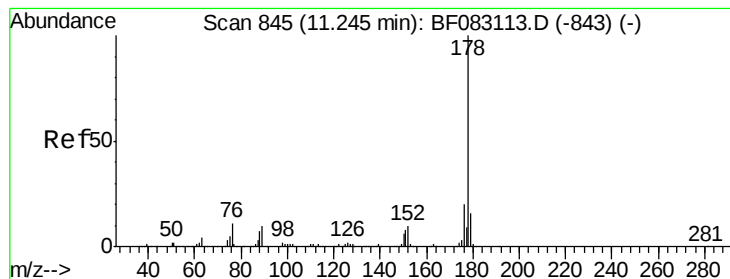
#70
 Phenanthrene
 Concen: 40.64 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.6	23.4
179	16.0	12.3	18.5



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: 37.87 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:178 Resp: 1404542

Ion Ratio Lower Upper

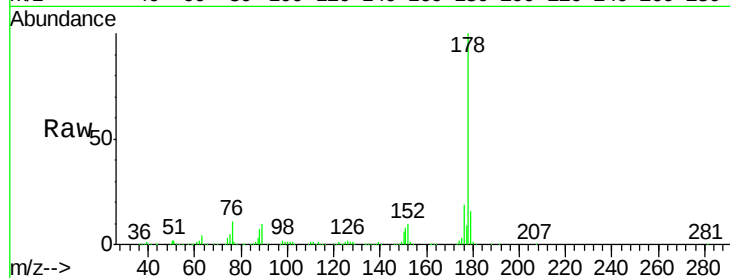
178 100

176 19.5 15.8 23.6

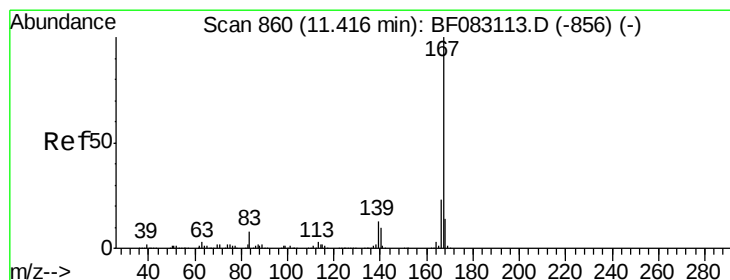
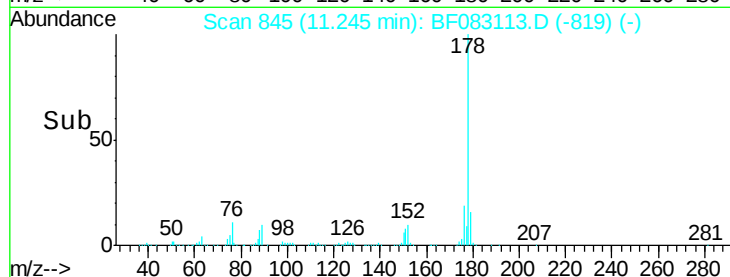
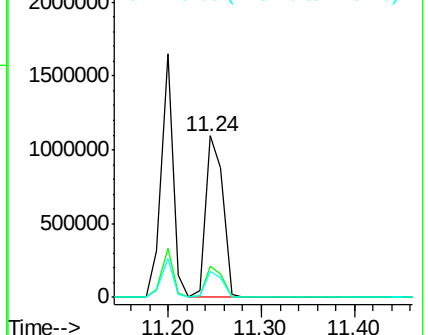
179 16.5 13.1 19.7

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



#72

Carbazole

Concen: 41.27 ng

RT: 11.42 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

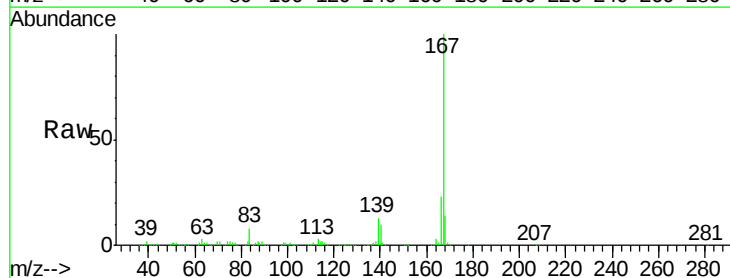
Tgt Ion:167 Resp: 1359244

Ion Ratio Lower Upper

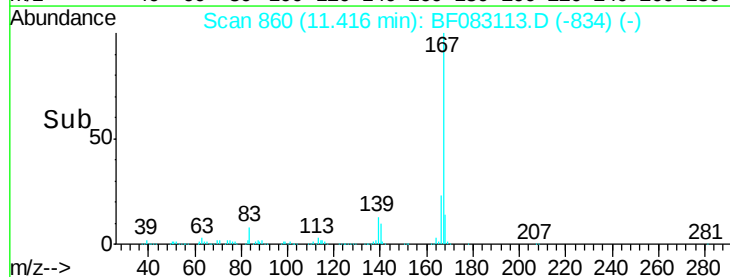
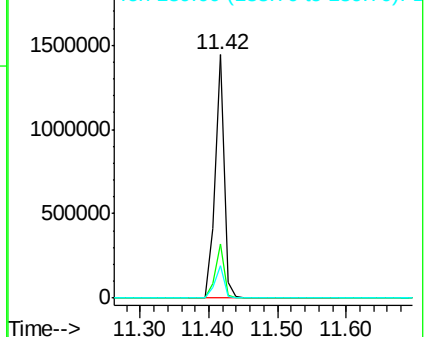
167 100

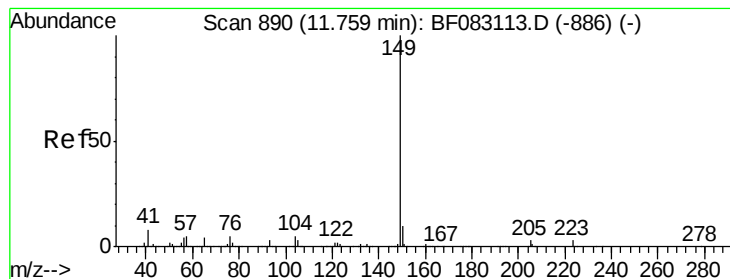
166 22.5 17.8 26.6

139 13.1 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 39.59 ng

RT: 11.76 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1605903

Ion Ratio Lower Upper

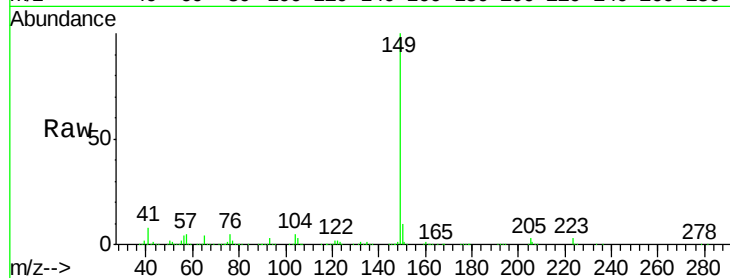
149 100

150 10.0 7.8 11.8

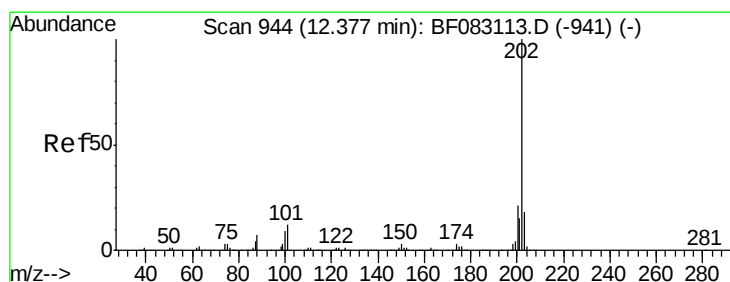
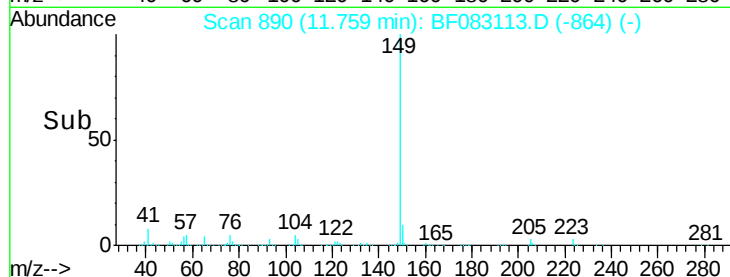
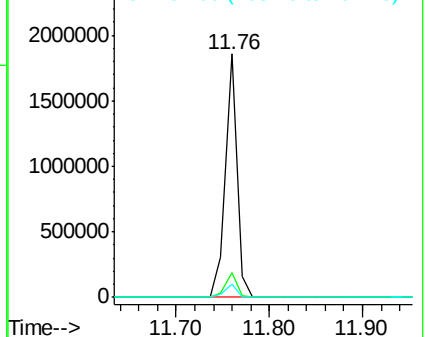
104 5.5 4.3 6.5

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Abundance Ion 149.00 (148.70 to 149.70): E
2500000
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.72 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

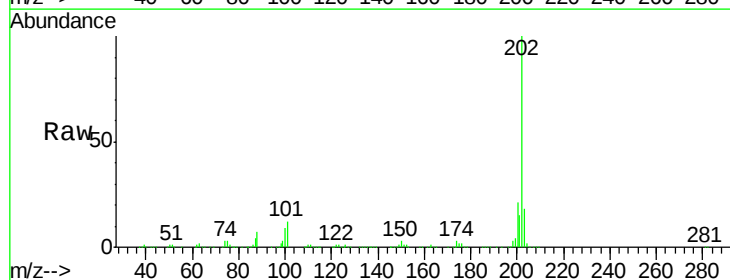
Tgt Ion:202 Resp: 1393611

Ion Ratio Lower Upper

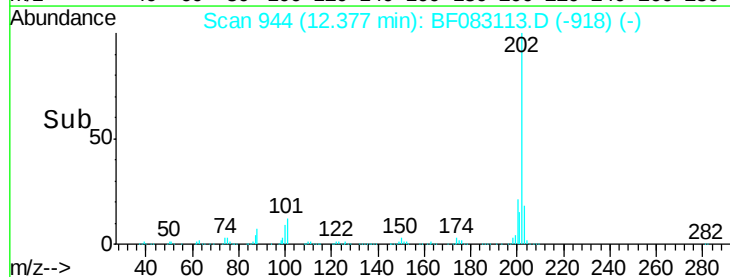
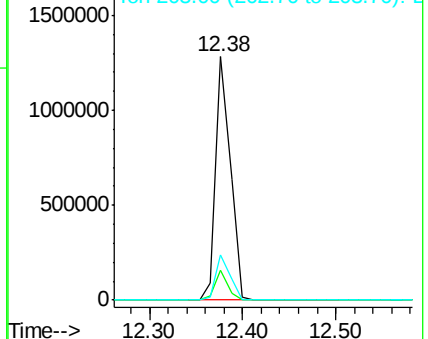
202 100

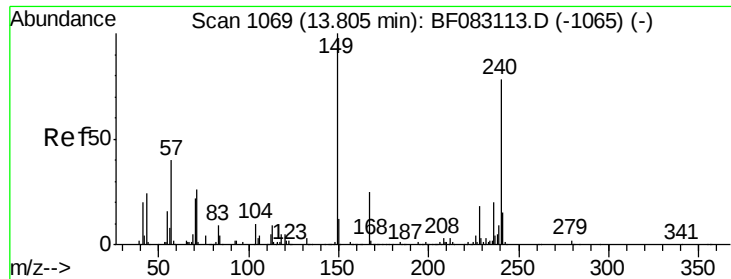
101 12.3 0.0 31.1

203 18.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
1500000
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: 13.81 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

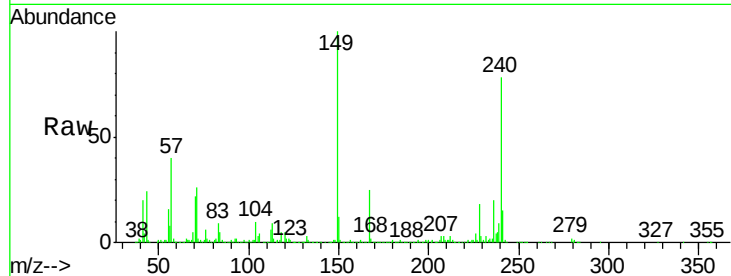
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.3	7.9
236	25.8	20.4	30.6

Manual Integrations
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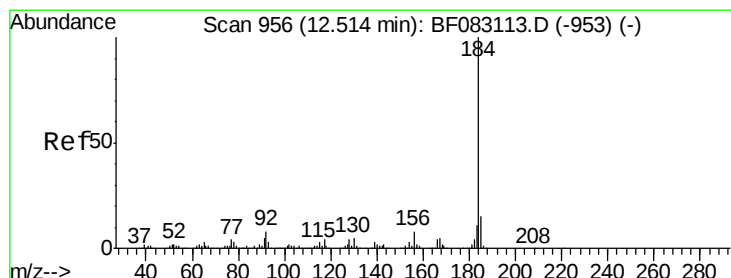
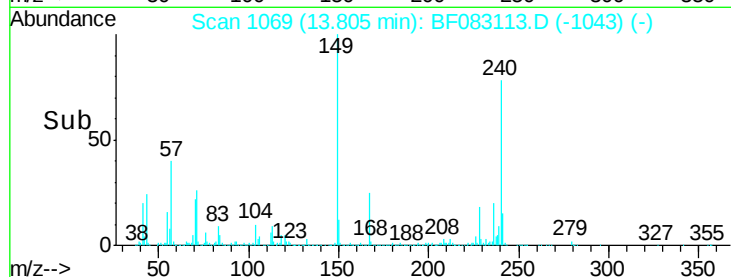
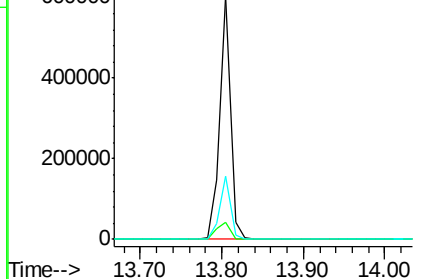


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.81



#76

Benzidine

Concen: 43.22 ng

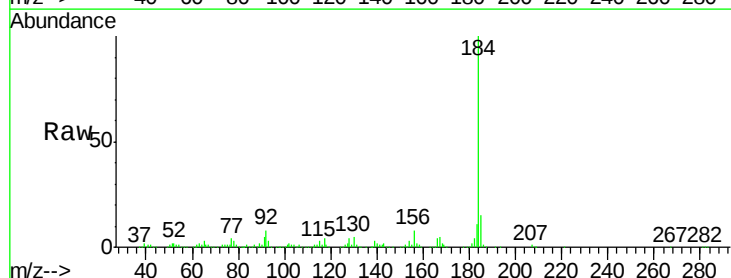
RT: 12.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.6	12.6	19.0
183	11.0	9.0	13.4

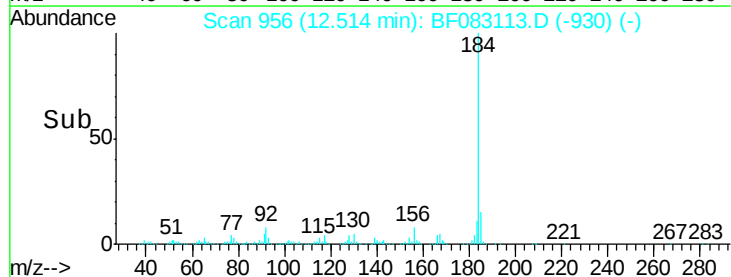
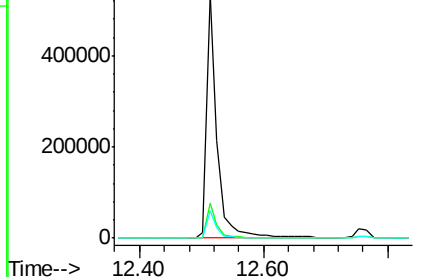


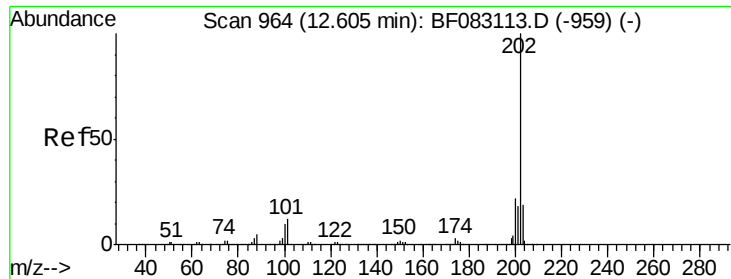
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

12.51





#77

Pvrene

Concen: 38.99 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:202 Resp: 1448906

Ion Ratio Lower Upper

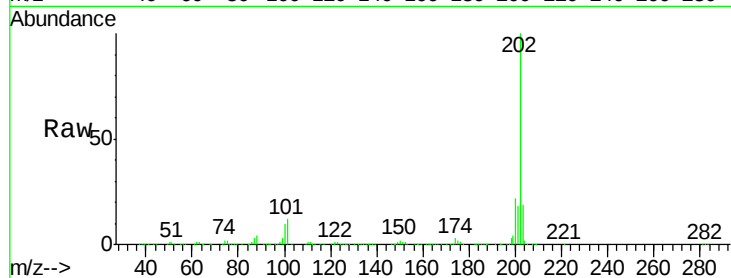
202 100

200 22.2 17.6 26.4

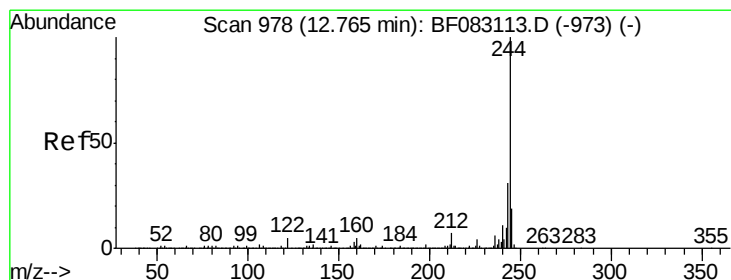
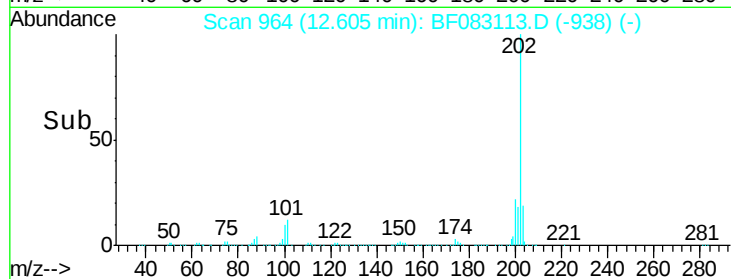
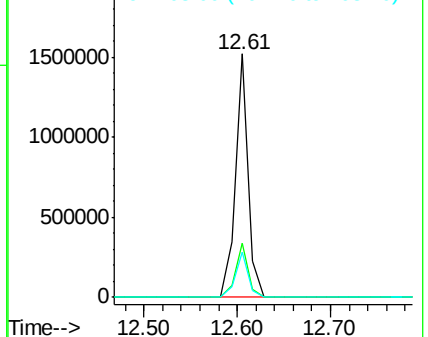
203 18.7 14.6 22.0

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.21 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

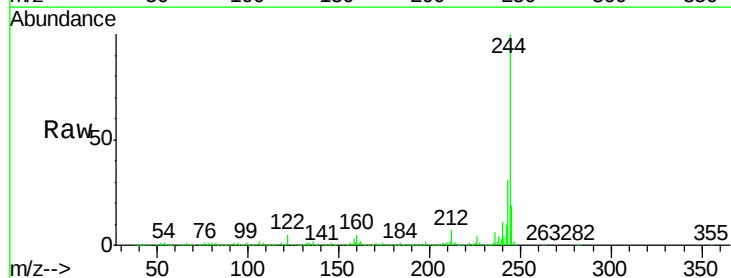
Tgt Ion:244 Resp: 1848397

Ion Ratio Lower Upper

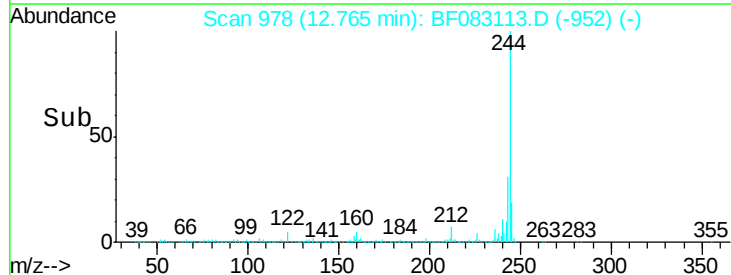
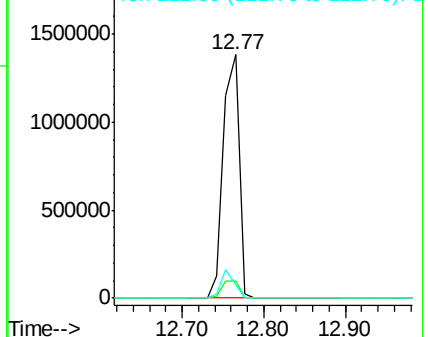
244 100

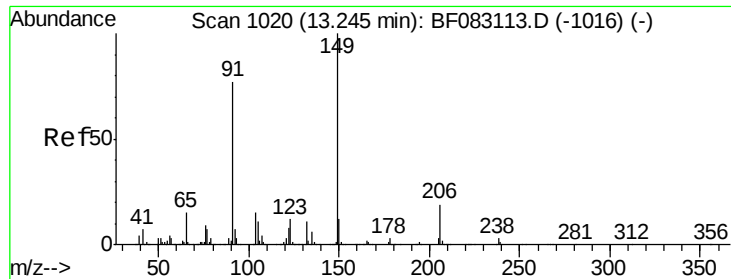
212 6.8 6.4 9.6

122 5.4 10.9 16.3#



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





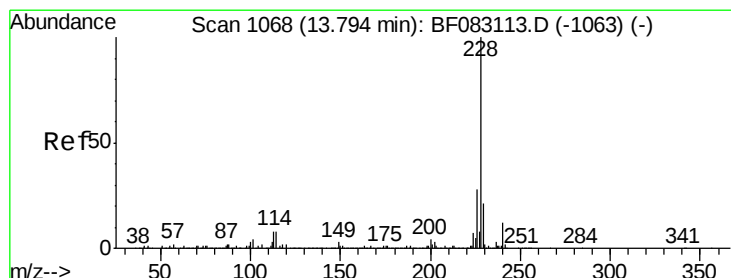
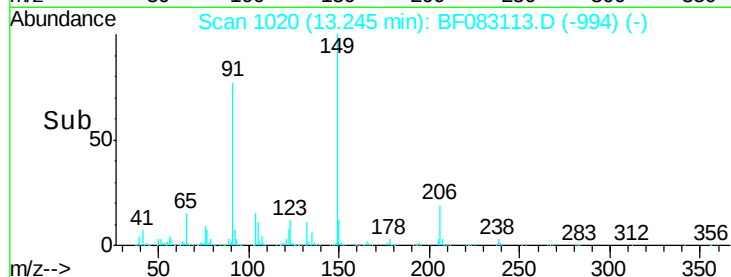
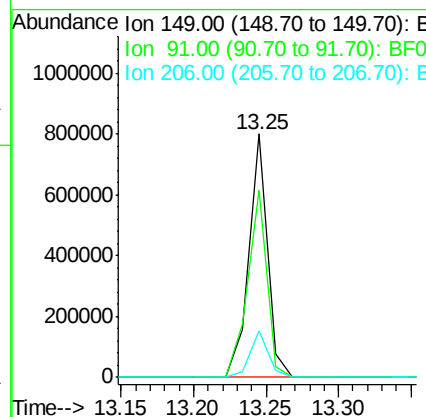
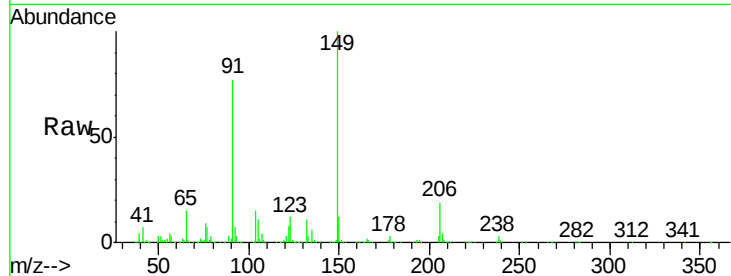
#79
Butylbenzylphthalate
Concen: 39.65 ng
RT: 13.25 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	76.9	71.9	107.9
206	19.1	13.1	19.7

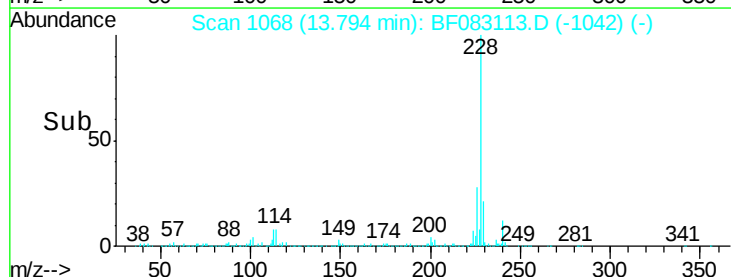
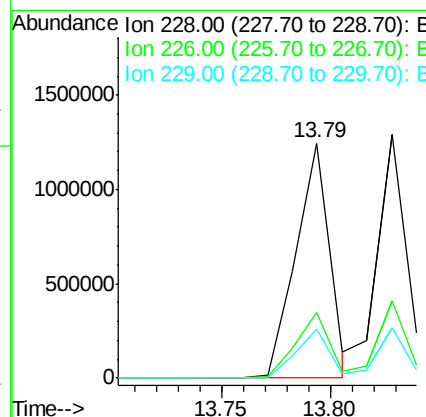
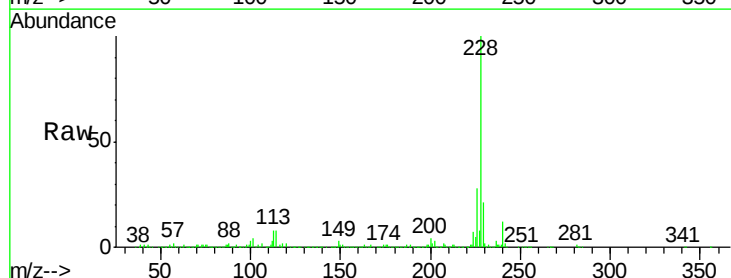
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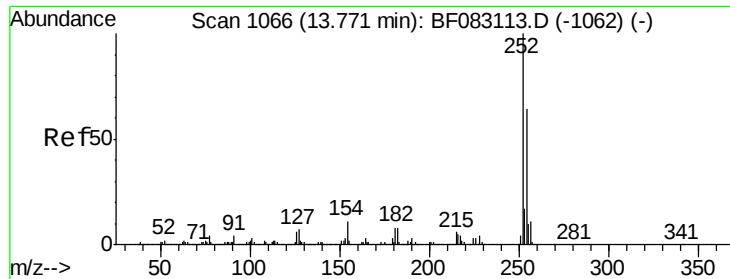
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#80
Benzo(a)anthracene
Concen: 38.61 ng
RT: 13.79 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	34.0
229	20.7	16.1	24.1





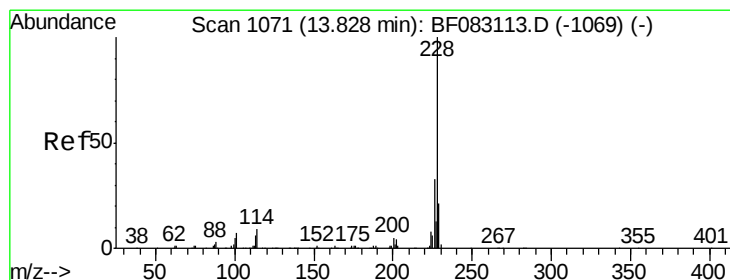
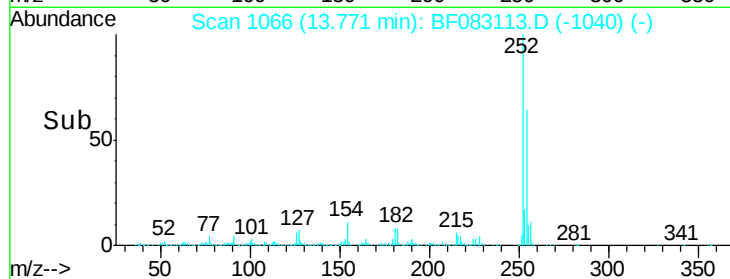
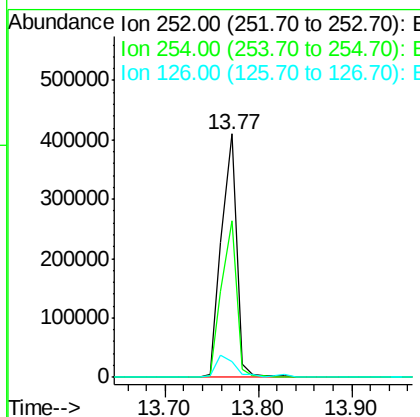
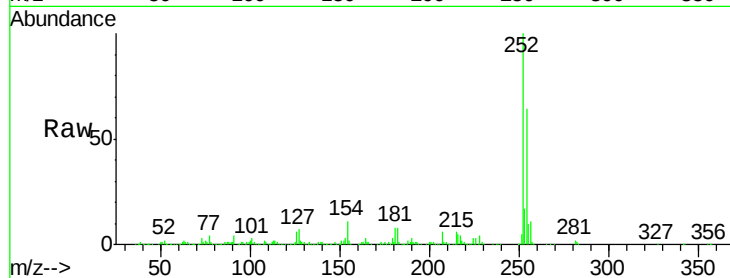
#81
 3,3'-Dichlorobenzidine
 Concen: 39.39 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.4	50.6	76.0
126	6.5	10.2	15.4

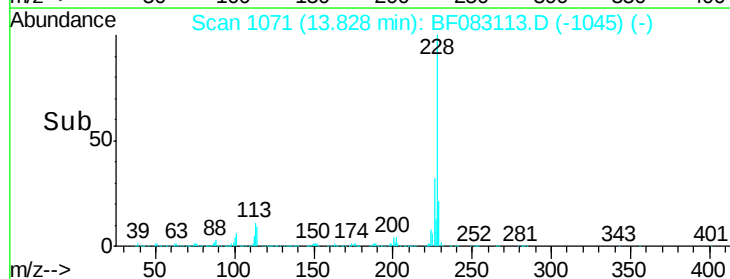
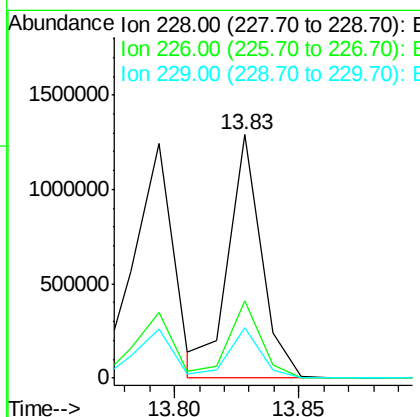
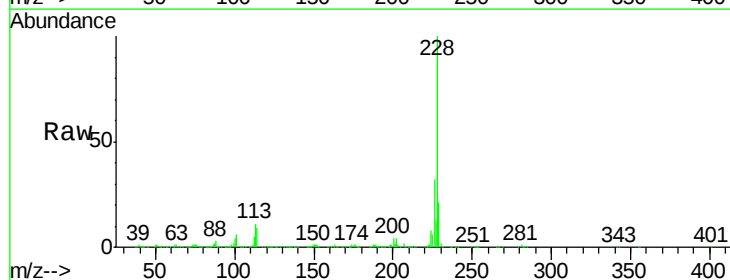
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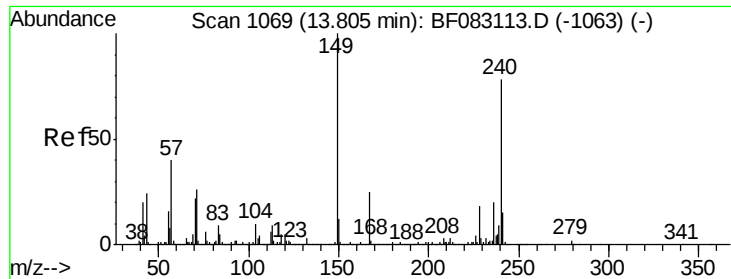
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#82
 Chrysene
 Concen: 40.65 ng m
 RT: 13.83 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.3	37.9
229	20.8	16.4	24.6





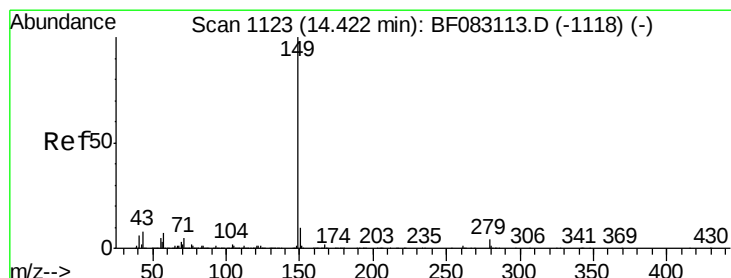
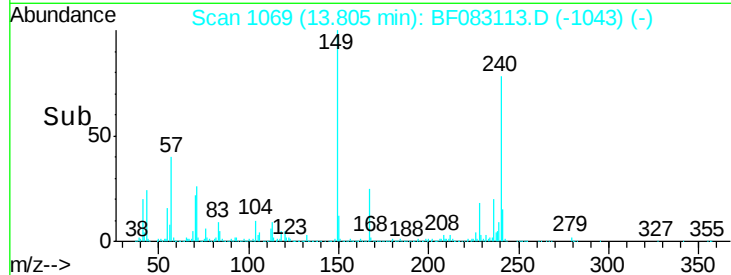
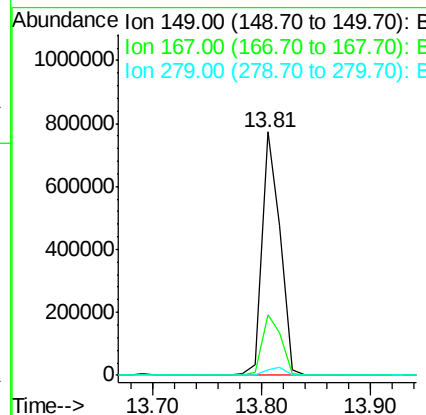
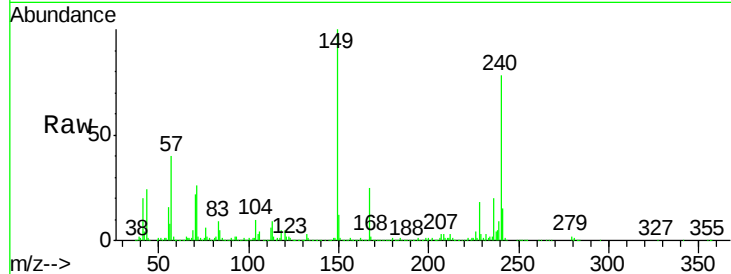
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.91 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	899699		
167	25.1	20.9	31.3	
279	2.1	2.0	3.0	

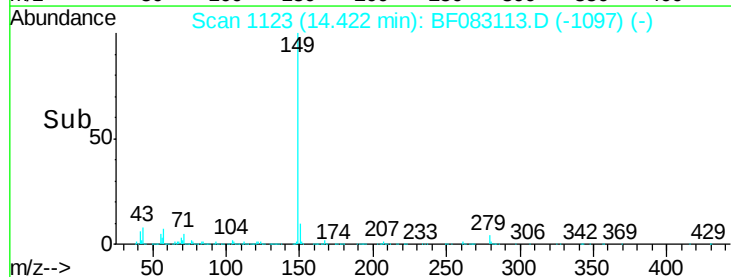
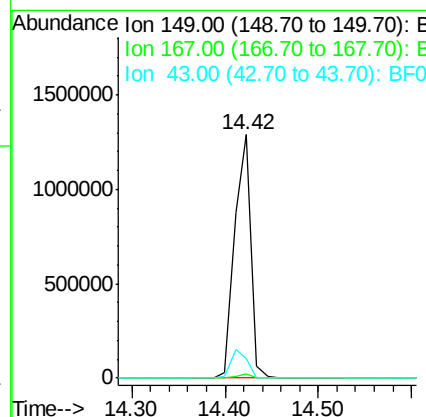
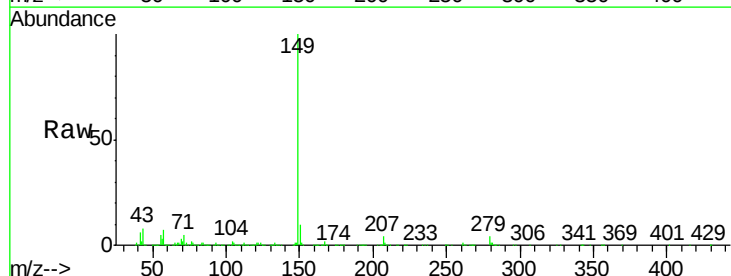
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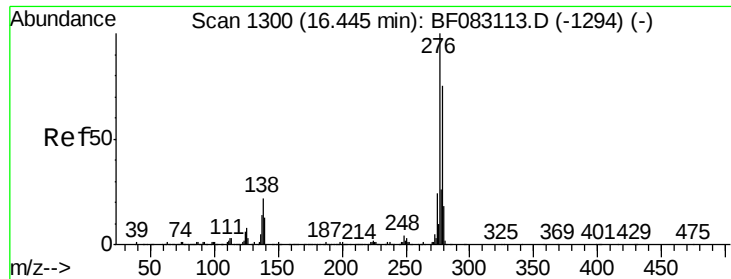
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#84
 Di-n-octyl phthalate
 Concen: 39.17 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1552495		
167	1.5	1.3	1.9	
43	11.9	8.8	13.2	





#85

Indeno(1,2,3-cd)pyrene

Concen: 37.61 ng

RT: 16.45 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:276 Resp: 1053178

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.3	24.5
277	25.3	19.8	29.8

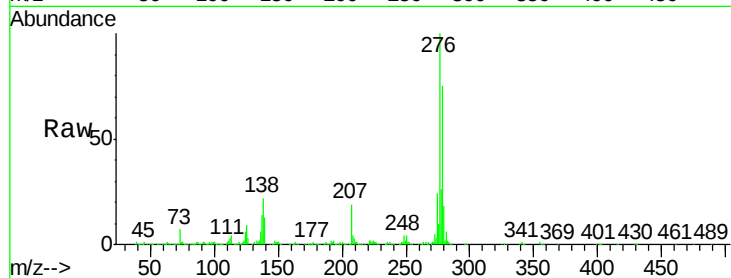
276 100

138 22.5 16.3 24.5

277 25.3 19.8 29.8

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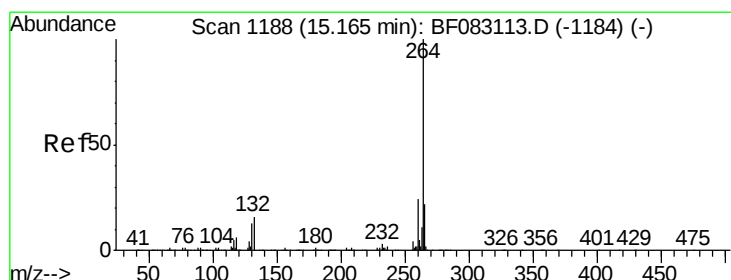
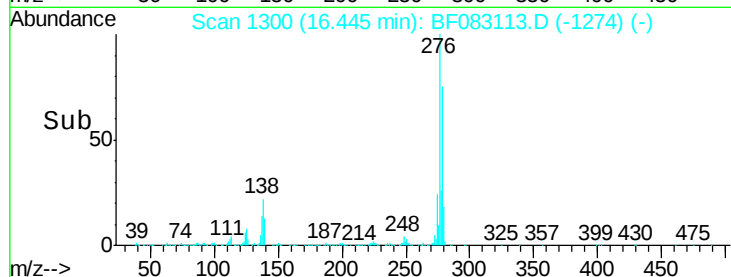
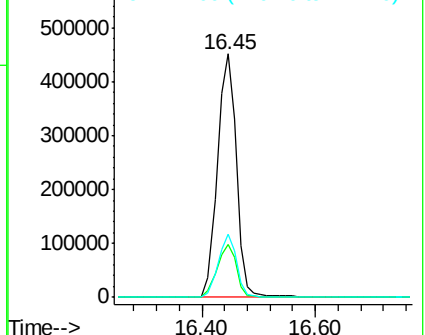


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.17 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

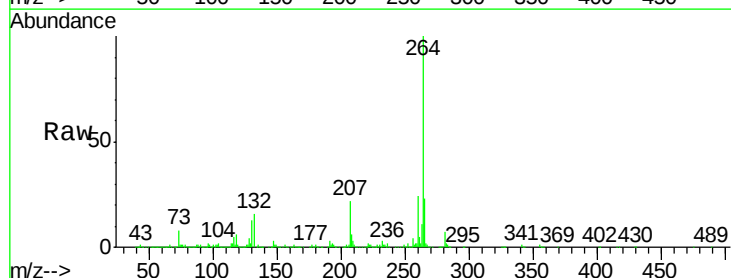
Tgt Ion:264 Resp: 459157

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	22.8	17.0	25.6

264 100

260 23.9 18.6 27.8

265 22.8 17.0 25.6

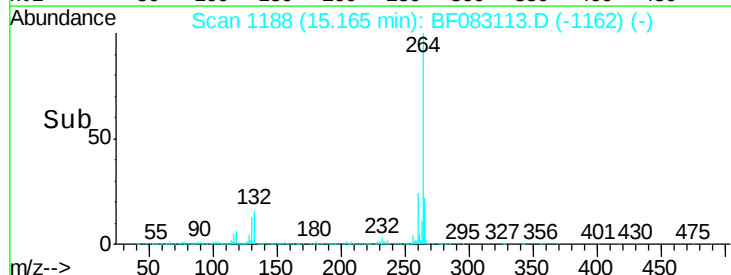
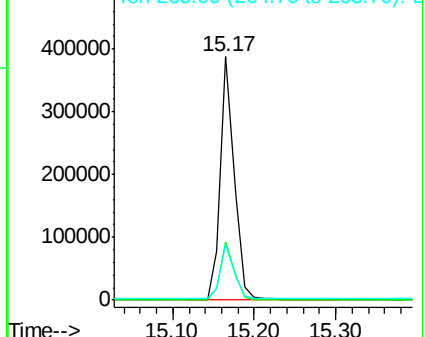


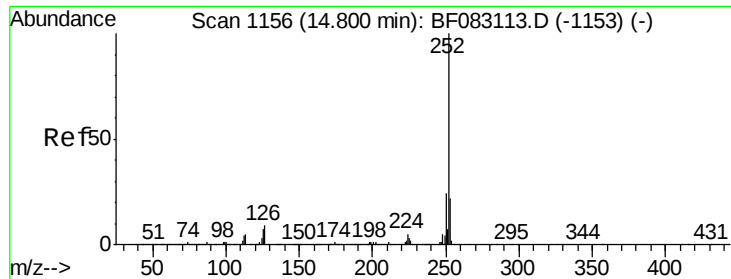
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.25 ng m

RT: 14.80 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF083113.D

Acq: 21 Nov 2015 14:57

Instrument :

BNA_F

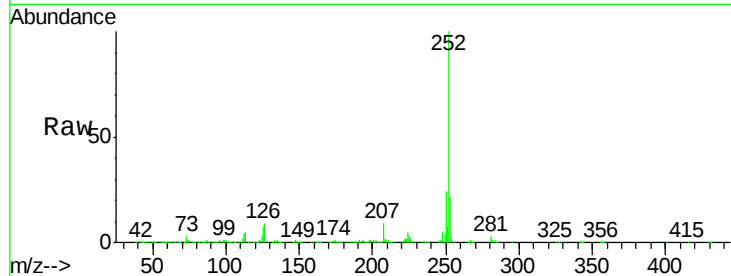
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	7.0	7.7	11.5#

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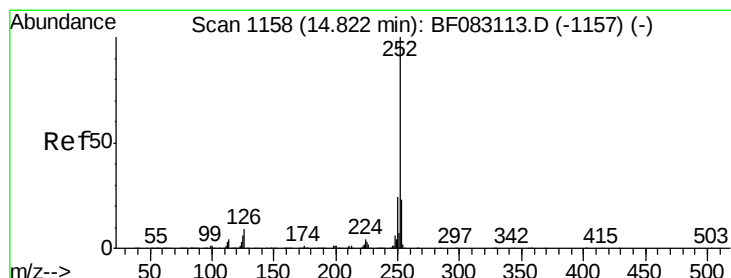
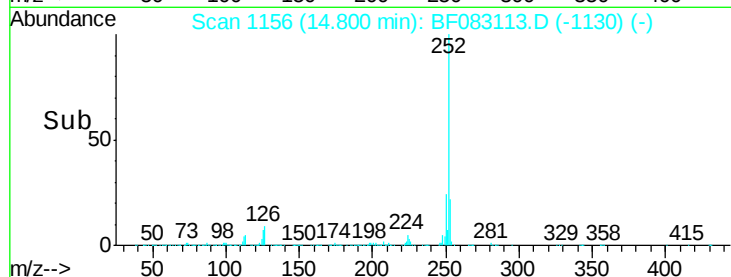
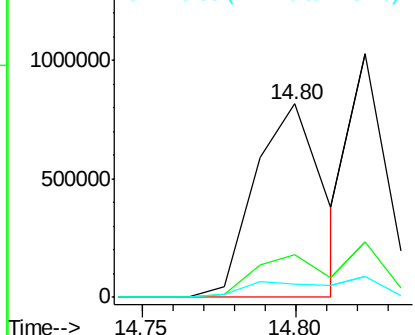
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Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.17 ng m

RT: 14.82 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF083113.D

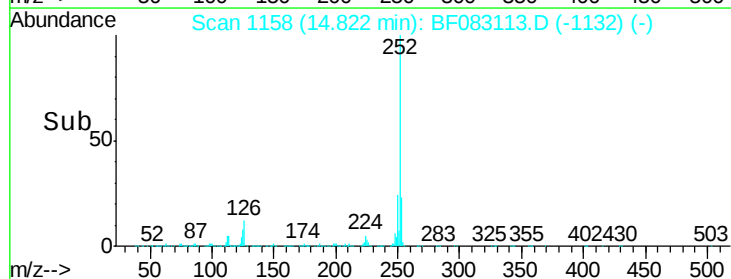
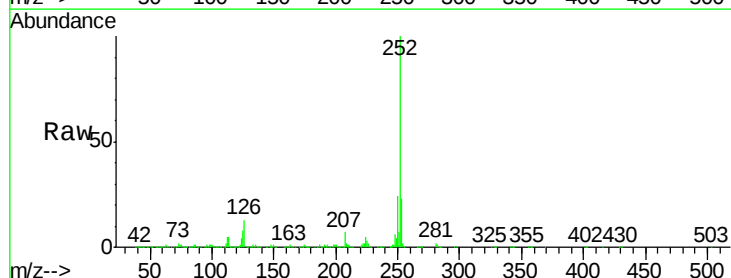
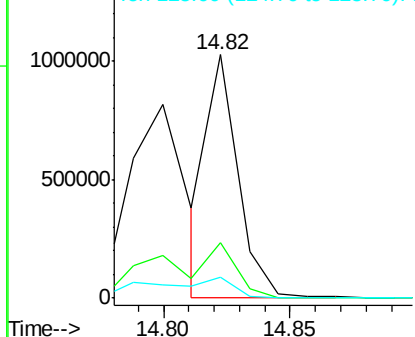
Acq: 21 Nov 2015 14:57

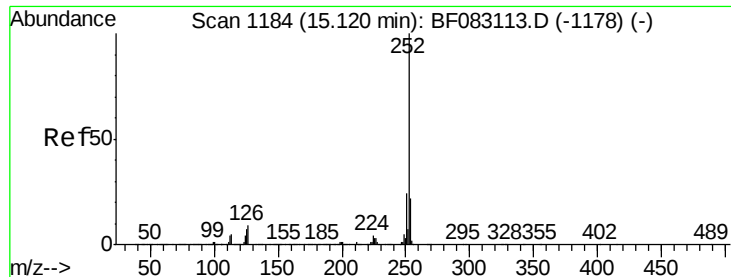
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	8.5	3.8	5.6#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





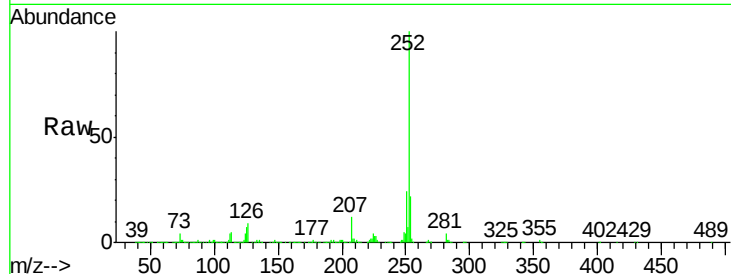
#89
Benzo(a)pyrene
Concen: 39.82 ng
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

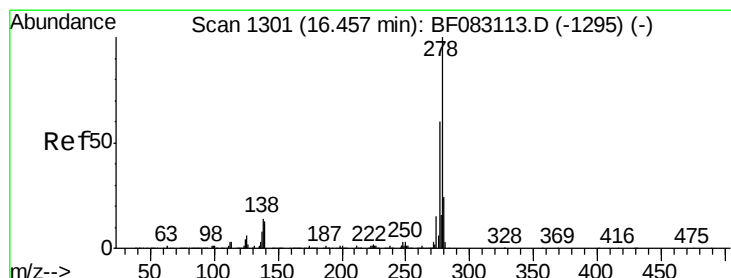
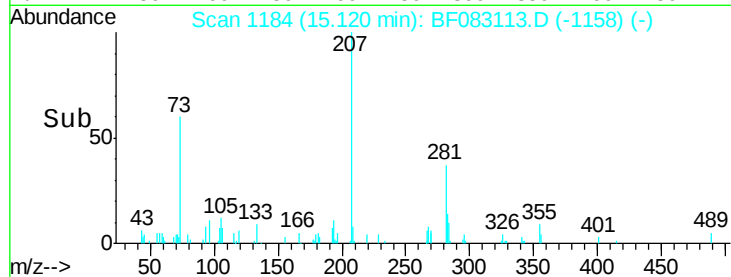
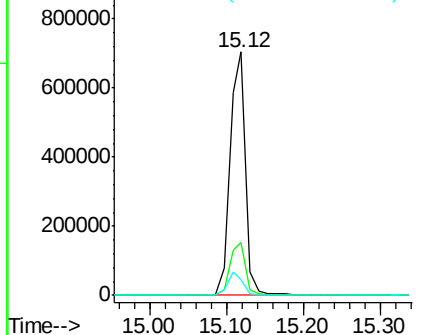
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	6.7	6.4	9.6

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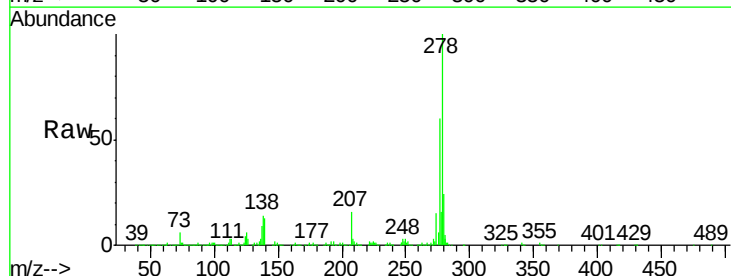


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

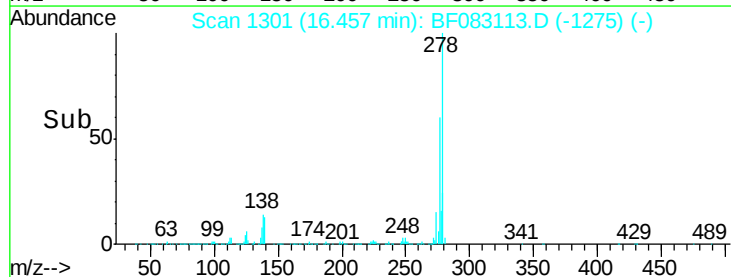
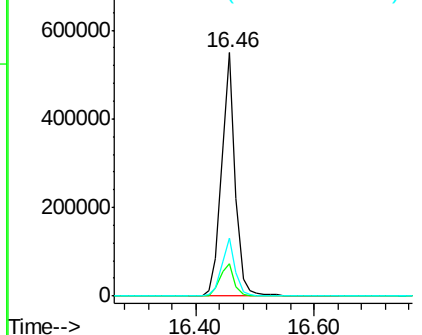


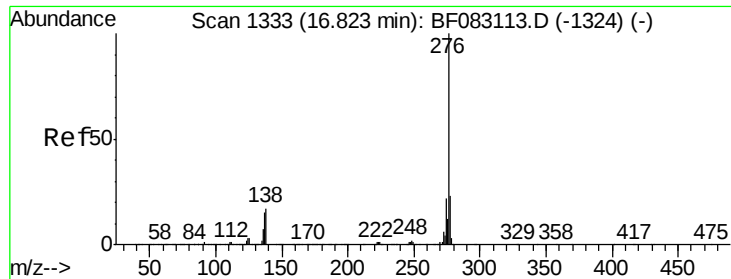
#90
Dibenzo(a,h)anthracene
Concen: 38.62 ng
RT: 16.46 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF083113.D
Acq: 21 Nov 2015 14:57

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.4	9.8	14.8
279	24.1	19.6	29.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 38.60 ng
 RT: 16.82 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: BF083113.D
 Acq: 21 Nov 2015 14:57

Instrument :
 BNA_F
 ClientSampleId :
 SSTD1CCC040

Tot Ion:	276	Resp:	866006
Ion Ratio	Lower	Upper	
276	100		
277	23.4	18.6	27.8
138	17.4	12.5	18.7

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