

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
 Data File : BF083114.D
 Acq On : 21 Nov 2015 15:26
 Operator : UM/IZ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

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 11/23/2015 7:01:21 PM

Quant Time: Nov 22 01:05:43 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	197113	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	731451	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	361968	20.00	ng	0.00
63) Phenanthrene-d10	11.18	188	686251	20.00	ng	0.00
75) Chrysene-d12	13.81	240	575291	20.00	ng	0.00
86) Perylene-d12	15.17	264	472587	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	1205426	94.19	ng	0.00
7) Phenol-d6	6.35	99	1616051	97.60	ng	0.01
23) Nitrobenzene-d5	7.24	82	1579963	100.10	ng	0.01
41) 2,4,6-Tribromophenol	10.49	330	372864	101.81	ng	0.00
44) 2-Fluorobiphenyl	9.03	172	2405495	96.92	ng	0.00
78) Terphenyl-d14	12.77	244	2459540	102.33	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.18	88	325136	50.82	ng	98
3) Pyridine	3.06	79	802393	49.56	ng	99
4) n-Nitrosodimethylamine	2.82	42	393344	48.46	ng	96
6) Aniline	6.34	93	1047506	49.63	ng	# 79
8) 2-Chlorophenol	6.46	128	654666	47.32	ng	95
9) Benzaldehyde	6.22	77	376635	44.63	ng	92
10) Phenol	6.36	94	961465	48.26	ng	96
11) bis(2-Chloroethyl)ether	6.41	93	677190	47.45	ng	99
12) 1,3-Dichlorobenzene	6.60	146	741008	48.23	ng	99
13) 1,4-Dichlorobenzene	6.67	146	732965	46.65	ng	99
14) 1,2-Dichlorobenzene	6.83	146	699772	48.69	ng	99
15) Benzyl Alcohol	6.84	79	698250	50.18	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1040345	47.02	ng	# 34
17) 2-Methylphenol	6.96	107	541017	47.49	ng	# 87
18) Hexachloroethane	7.18	117	275155	48.52	ng	# 87
19) n-Nitroso-di-n-propylamine	7.12	70	580349	50.06	ng	98
20) 3+4-Methylphenols	7.12	107	664533	46.18	ng	94
22) Acetophenone	7.10	105	989285	47.82	ng	# 99
24) Nitrobenzene	7.26	77	764214	45.21	ng	99
25) Isophorone	7.53	82	1474379	48.94	ng	98
26) 2-Nitrophenol	7.58	139	388751	50.84	ng	92
27) 2,4-Dimethylphenol	7.64	122	583202	48.30	ng	94
28) bis(2-Chloroethoxy)methane	7.72	93	880749	50.30	ng	99
29) 2,4-Dichlorophenol	7.83	162	550735	48.31	ng	98
30) 1,2,4-Trichlorobenzene	7.90	180	614933	49.57	ng	99
31) Naphthalene	7.98	128	1861817	48.48	ng	99
32) Benzoic acid	7.83	122	484814	50.04	ng	97
33) 4-Chloroaniline	8.04	127	742261	48.64	ng	# 86
34) Hexachlorobutadiene	8.09	225	361028	49.24	ng	98
35) Caprolactam	8.50	113	196741m	56.50	ng	
36) 4-Chloro-3-methylphenol	8.55	107	689483	52.26	ng	94
37) 2-Methylnaphthalene	8.66	142	1165191	46.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	589066	50.73	ng	98
40) Hexachlorocyclopentadiene	8.82	237	364449	52.89	ng	97

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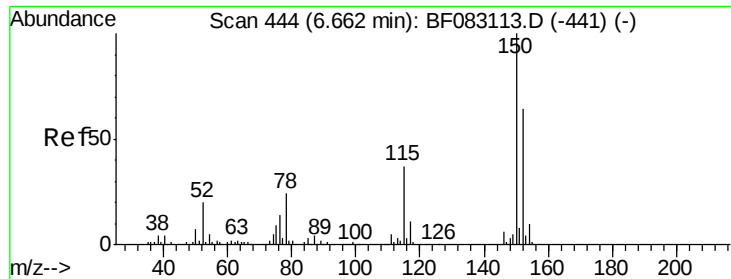
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	429819	51.18	nq	97
43) 2,4,5-Trichlorophenol	9.00	196	444056	51.85	nq	98
45) 1,1'-Biphenyl	9.13	154	1514940	50.26	nq	98
46) 2-Chloronaphthalene	9.15	162	1204837	50.82	nq	98
47) 2-Nitroaniline	9.26	65	422706	48.73	nq	97
48) Acenaphthylene	9.56	152	1846405	50.23	nq	98
49) Dimethylphthalate	9.45	163	1267079	46.41	nq	99
50) 2,6-Dinitrotoluene	9.51	165	318592	50.73	nq	# 85
51) Acenaphthene	9.74	154	1128184	50.67	nq	99
52) 3-Nitroaniline	9.68	138	376971	54.81	nq	85
53) 2,4-Dinitrophenol	9.77	184	182713	50.72	nq	# 51
54) Dibenzofuran	9.91	168	1574460	50.25	nq	98
55) 4-Nitrophenol	9.86	139	255905	50.06	nq	# 71
56) 2,4-Dinitrotoluene	9.91	165	396789	50.09	nq	89
57) Fluorene	10.25	166	1305527	50.43	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.03	232	345708	49.27	nq	97
59) Diethylphthalate	10.15	149	1409843	51.57	nq	98
60) 4-Chlorophenyl-phenylether	10.24	204	556858	47.30	nq	# 81
61) 4-Nitroaniline	10.30	138	334529	49.50	nq	94
62) Azobenzene	10.40	77	1508629	48.52	nq	85
64) 4,6-Dinitro-2-methylphenol	10.31	198	236311	48.09	nq	# 34
65) n-Nitrosodiphenylamine	10.36	169	1065732	46.43	nq	99
66) 4-Bromophenyl-phenylether	10.73	248	393510	51.96	nq	# 84
67) Hexachlorobenzene	10.79	284	390935	47.16	nq	96
68) Atrazine	10.91	200	320232	47.78	nq	96
69) Pentachlorophenol	10.99	266	288769	51.68	nq	97
70) Phenanthrene	11.20	178	1815284	47.54	nq	97
71) Anthracene	11.26	178	1937893	49.05	nq	98
72) Carbazole	11.42	167	1759072	50.14	nq	98
73) Di-n-butylphthalate	11.76	149	2147403	49.70	nq	99
74) Fluoranthene	12.38	202	1848429	46.96	nq	97
76) Benzidine	12.51	184	775302	51.42	nq	100
77) Pyrene	12.61	202	1879848	48.51	nq	99
79) Butylbenzylphthalate	13.25	149	932278	49.79	nq	# 89
80) Benzo(a)anthracene	13.79	228	1724362m	47.29	nq	
81) 3,3'-Dichlorobenzidine	13.77	252	637296	51.43	nq	# 96
82) Chrysene	13.83	228	1528729m	49.86	nq	
83) Bis(2-ethylhexyl)phthalate	13.81	149	1200162	49.77	nq	99
84) Di-n-octyl phthalate	14.42	149	2045002	49.47	nq	99
85) Indeno(1,2,3-cd)pyrene	16.45	276	1393107	47.69	nq	97
87) Benzo(b)fluoranthene	14.80	252	1556375m	49.63	nq	
88) Benzo(k)fluoranthene	14.82	252	1150168m	48.21	nq	
89) Benzo(a)pyrene	15.12	252	1281648m	49.20	nq	
90) Dibenzo(a,h)anthracene	16.46	278	1156006	48.88	nq	# 97
91) Benzo(g,h,i)perylene	16.82	276	1143660	49.52	nq	# 96

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



#1

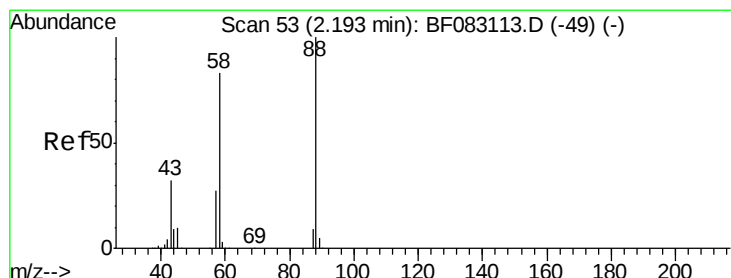
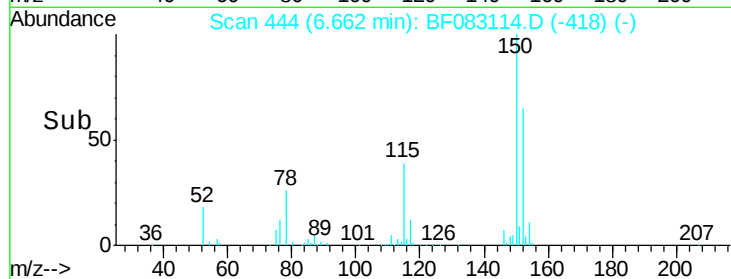
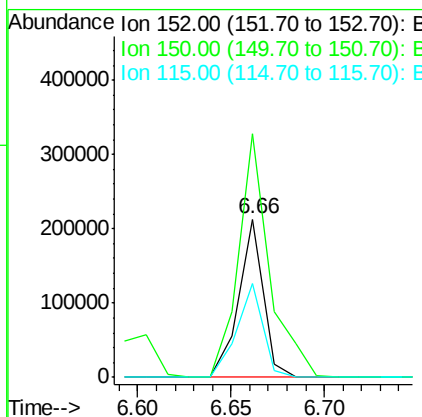
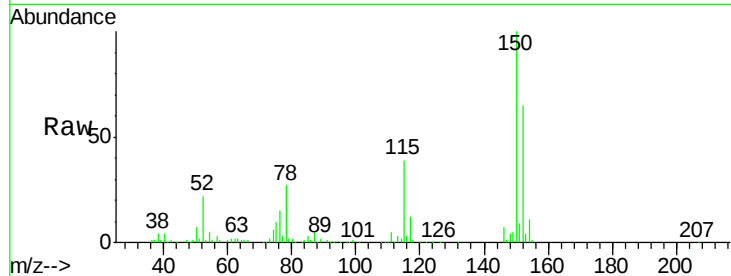
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.4	189.6
115	59.4	49.0	73.6

Manual Integrations
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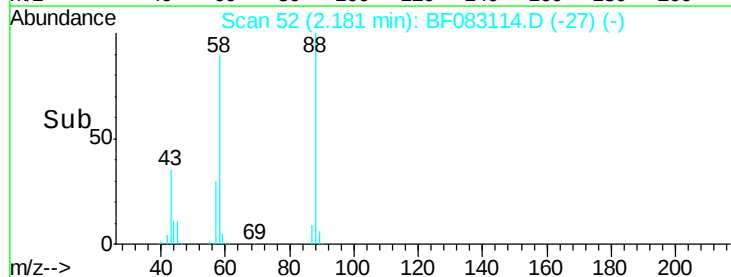
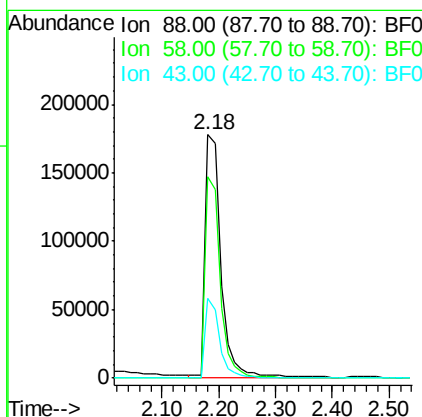
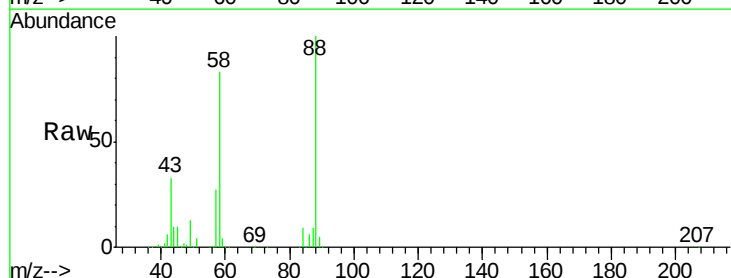
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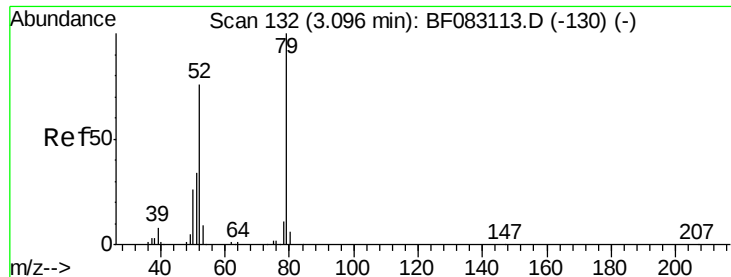


#2

1,4-Dioxane
Concen: 50.82 ng
RT: 2.18 min Scan# 52
Delta R.T. -0.01 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.4	64.8	97.2
43	30.5	26.2	39.4





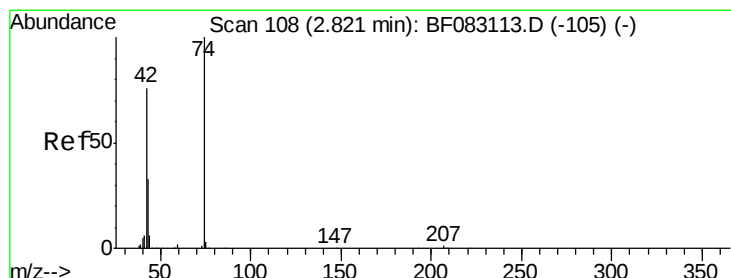
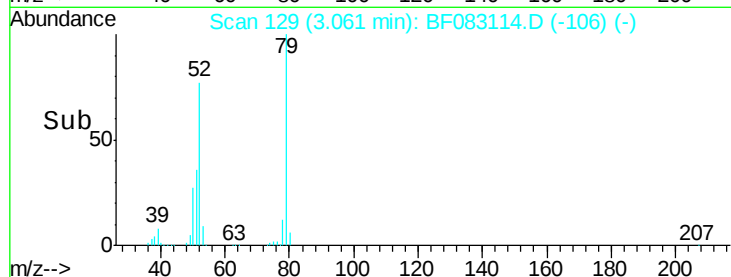
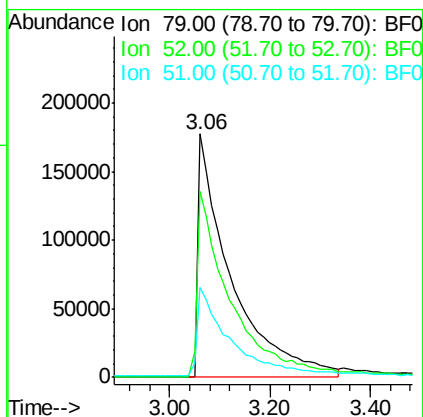
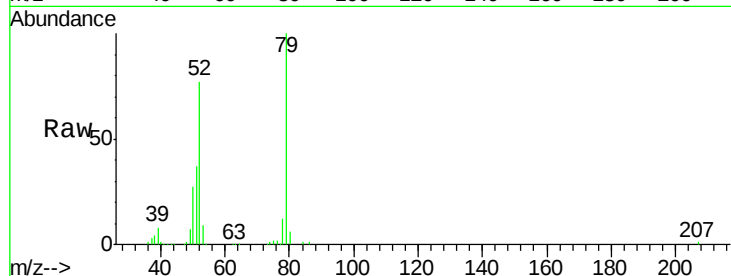
#3
Pvrindine
Concen: 49.56 ng
RT: 3.06 min Scan# 129
Delta R.T. -0.03 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
79	100	802393		
52	76.6		61.0	91.4
51	36.7		30.0	45.0

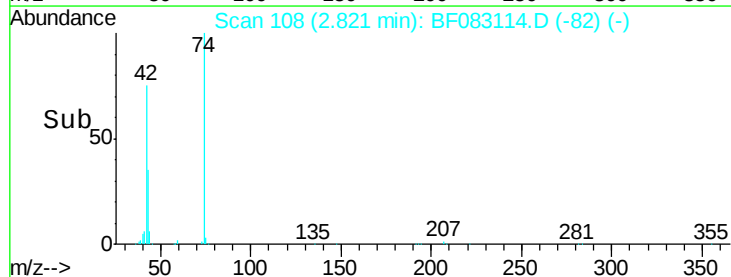
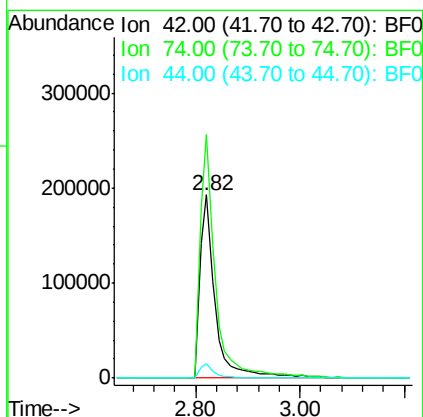
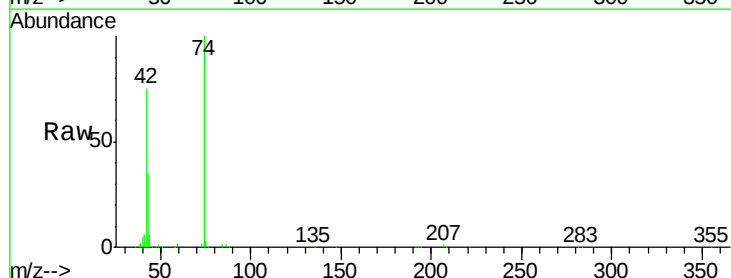
Manual Integrations
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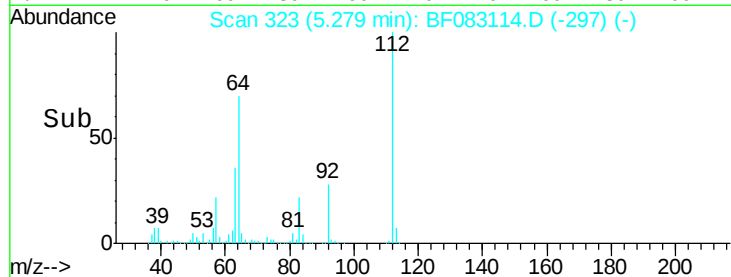
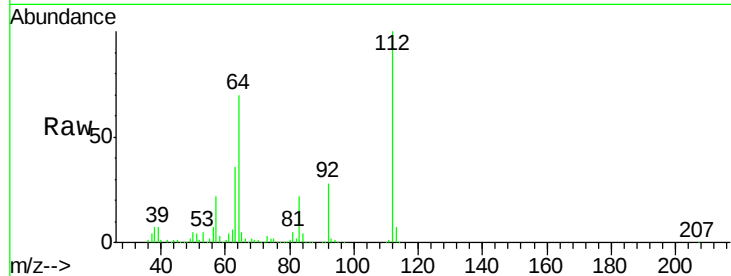
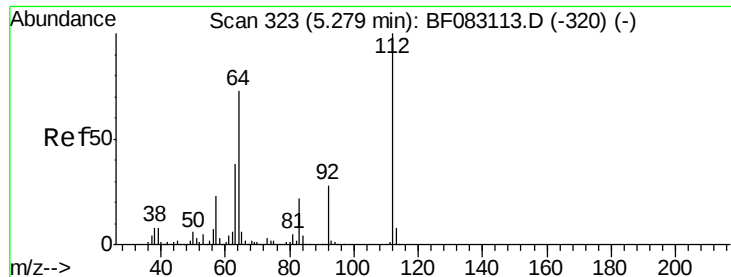
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#4
n-Nitrosodimethylamine
Concen: 48.46 ng
RT: 2.82 min Scan# 108
Delta R.T. -0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	393344		
74	133.2		102.4	153.6
44	7.8		5.8	8.8





#5

2-Fluorophenol

Concen: 94.19 ng

RT: 5.28 min Scan# 323

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tot Ion:	112	Resp:	1205426
Ion	Ratio	Lower	Upper
112	100		
64	69.6	54.8	82.2
63	36.4	29.0	43.4

Instrument :

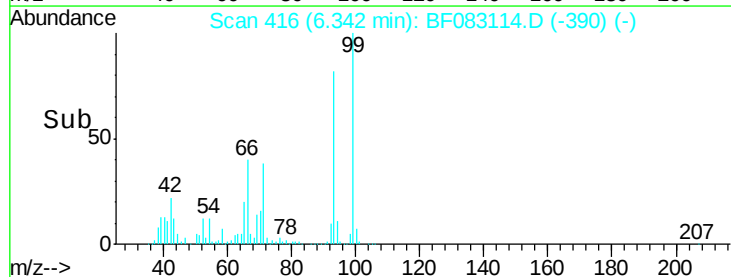
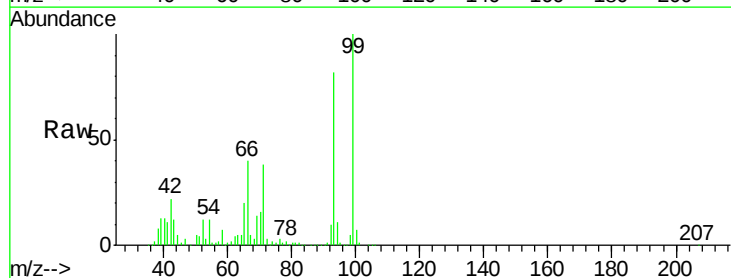
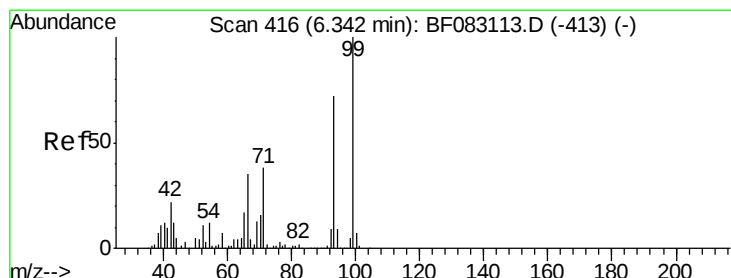
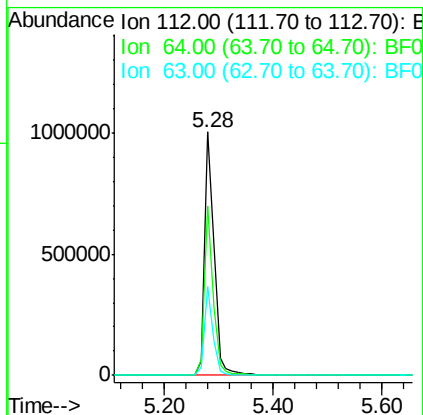
BNA_F

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SSTDICC050

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11/23/2015 7:01:21 PM



#6

Aniline

Concen: 49.63 ng

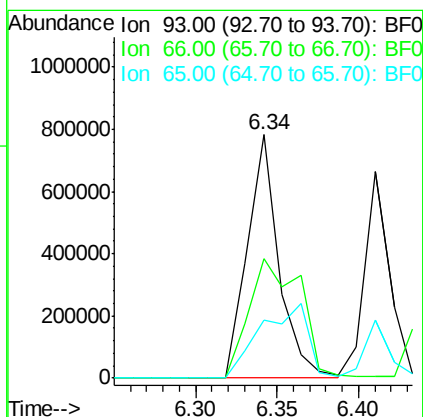
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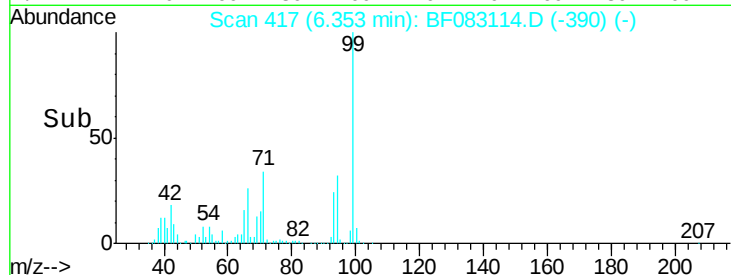
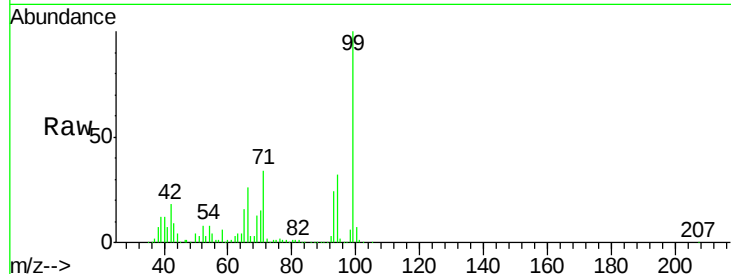
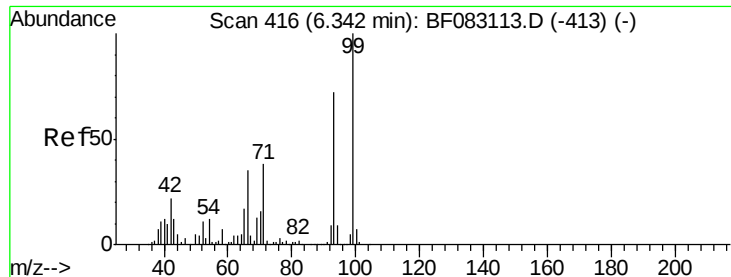
Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	93	Resp:	1047506
Ion	Ratio	Lower	Upper
93	100		
66	49.2	51.4	77.2#
65	23.8	30.7	46.1#





#7

Phenol-d6

Concen: 97.60 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.01 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tot Ion:	99	Resp:	1616051
Ion	Ratio	Lower	Upper
99	100		
42	17.8	16.6	25.0
71	34.0	29.2	43.8

Instrument :

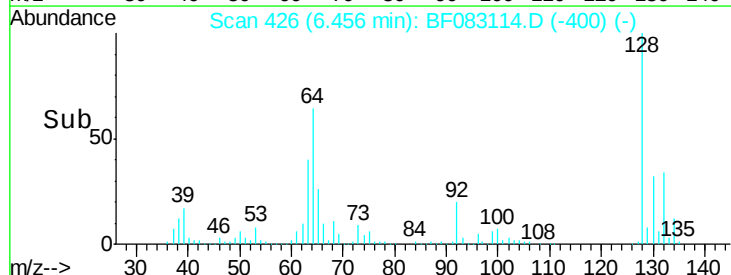
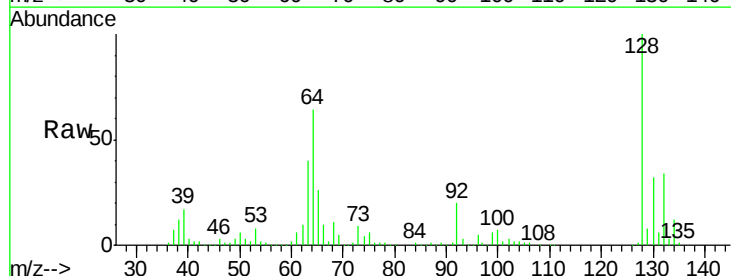
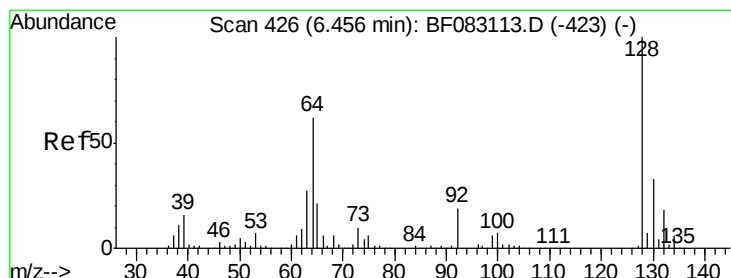
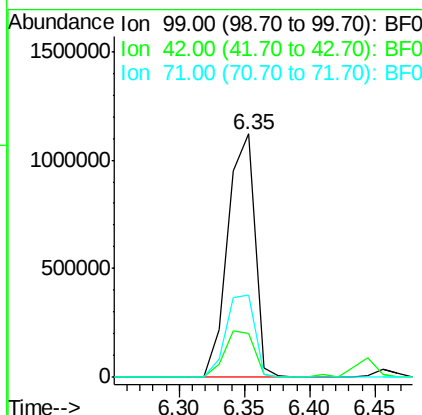
BNA_F

ClientSampleId :

SSTDICC050

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#8

2-Chlorophenol

Concen: 47.32 ng

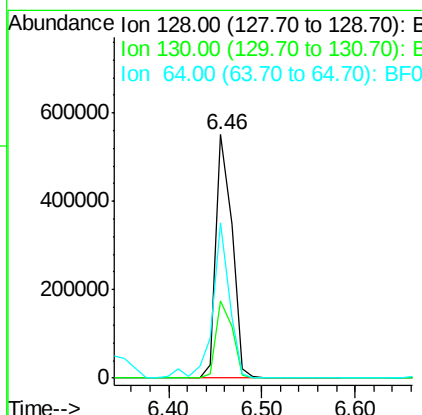
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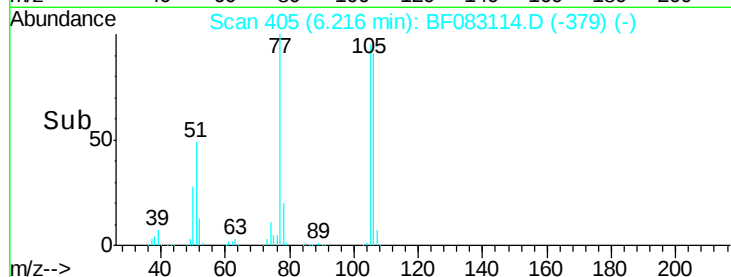
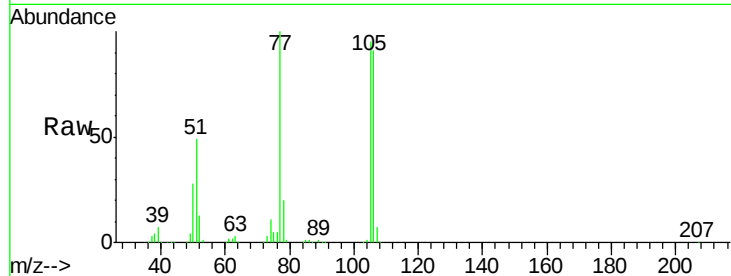
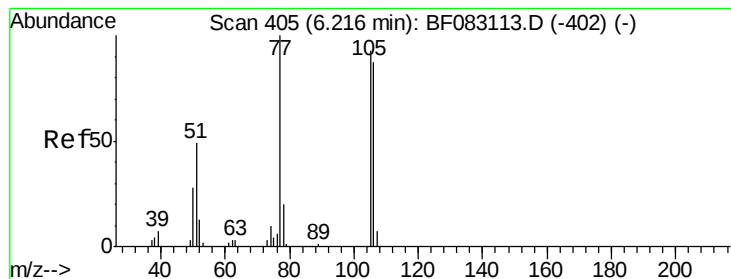
Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	128	Resp:	654666
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.3	52.3
64	63.6	38.3	78.3





#9

Benzaldehyde

Concen: 44.63 ng

RT: 6.22 min Scan# 405

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tot Ion:	77	Resp:	376635
Ion Ratio	Lower	Upper	
77	100		
105	95.4	69.6	109.6
106	90.6	62.0	102.0

Instrument :

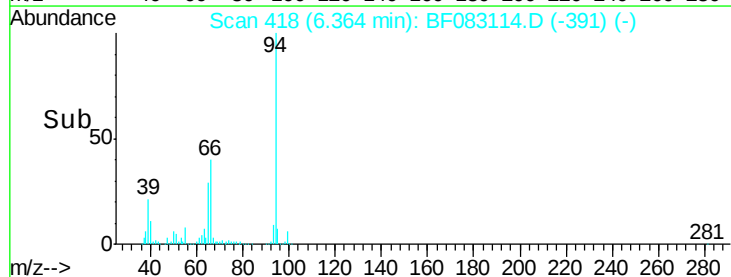
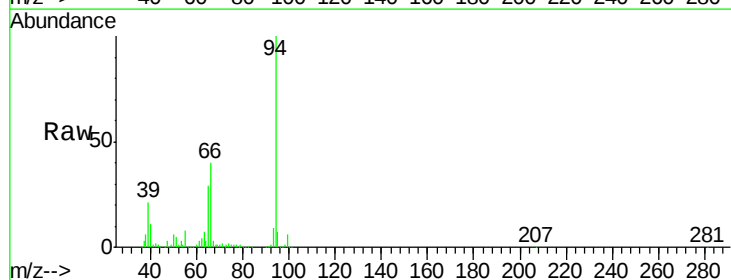
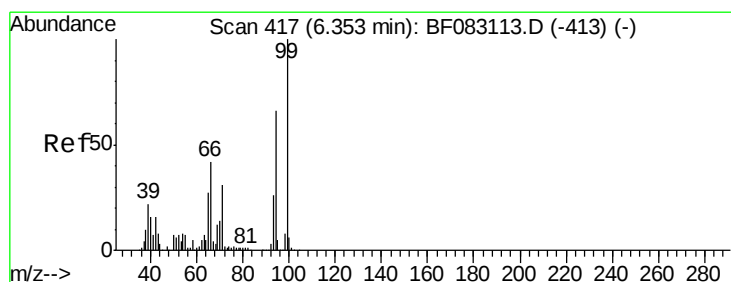
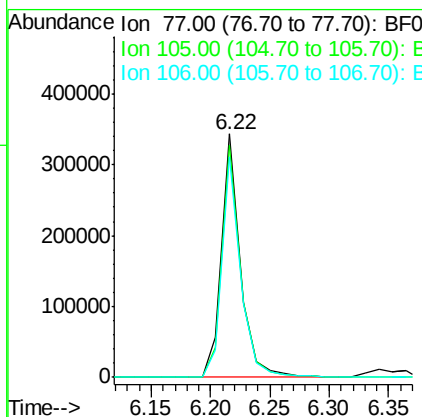
BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations
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#10

Phenol

Concen: 48.26 ng

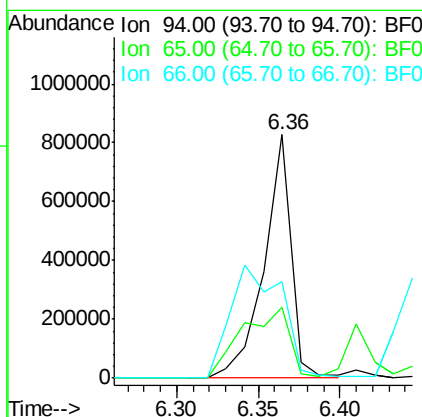
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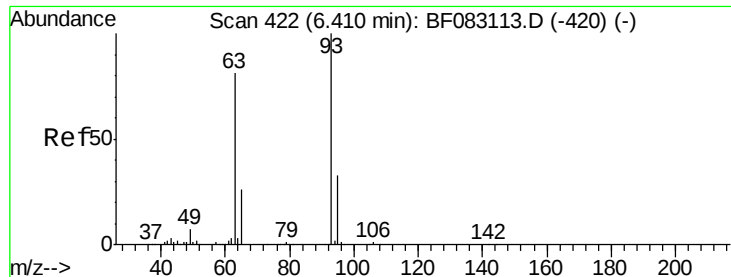
Delta R.T. 0.01 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	94	Resp:	961465
Ion Ratio	Lower	Upper	
94	100		
65	29.2	10.1	50.1
66	39.8	23.2	63.2





#11

bis(2-Chloroethyl)ether

Concen: 47.45 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

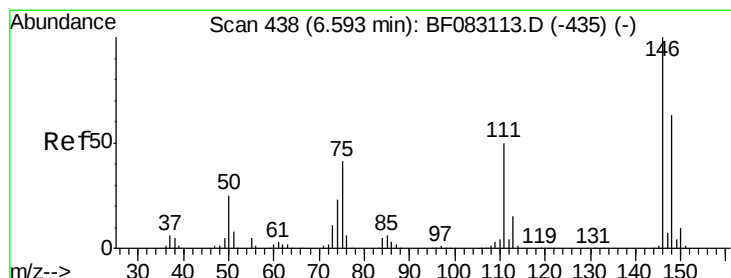
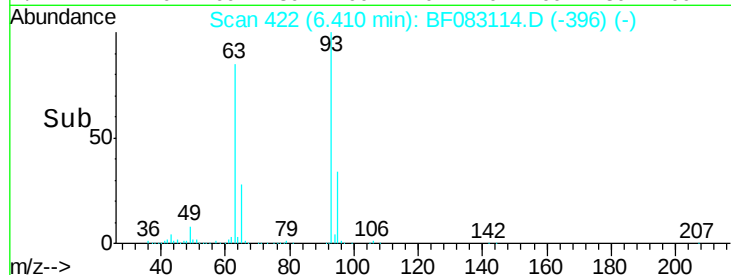
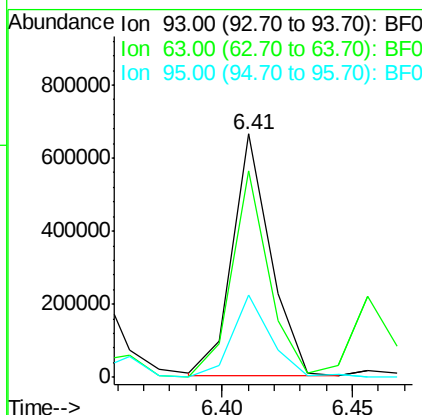
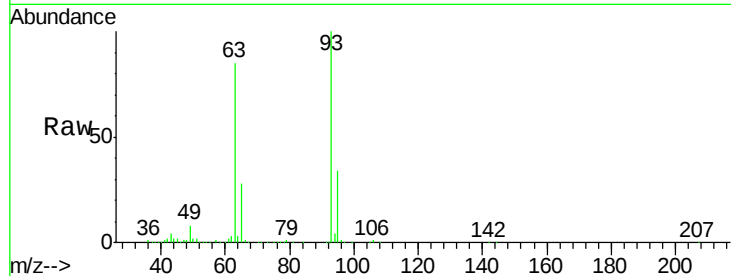
ClientSampleId :

SSTDICC050

Tot Ion:	93	Resp:	677190
Ion	Ratio	Lower	Upper
93	100		
63	84.9	63.6	103.6
95	33.9	13.8	53.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 48.23 ng

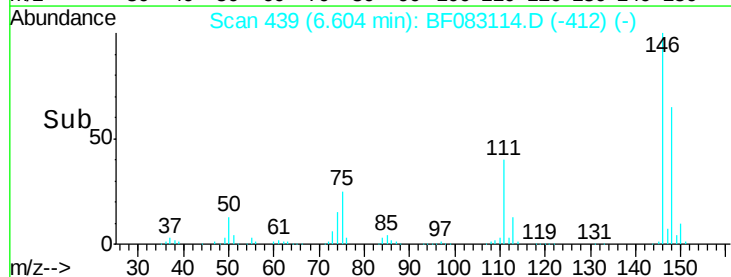
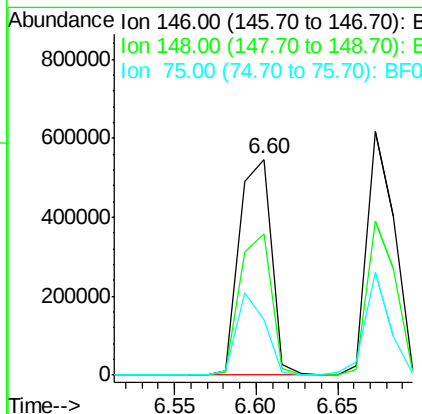
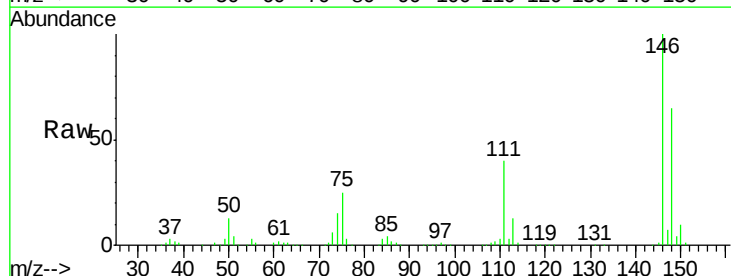
RT: 6.60 min Scan# 439

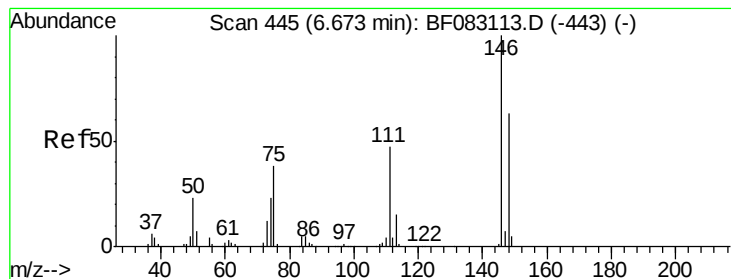
Delta R.T. 0.01 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	146	Resp:	741008
Ion	Ratio	Lower	Upper
146	100		
148	65.4	52.8	79.2
75	25.5	20.3	30.5





#13

1,4-Dichlorobenzene

Concen: 46.65 ng

RT: 6.67 min Scan# 445

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

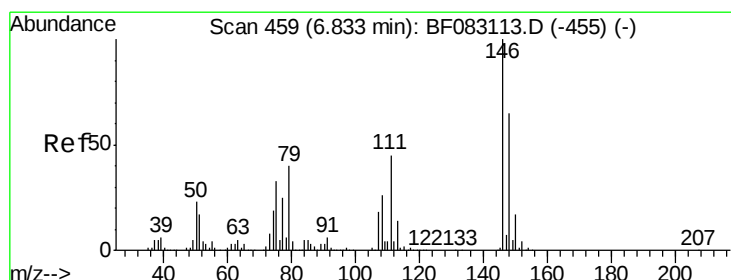
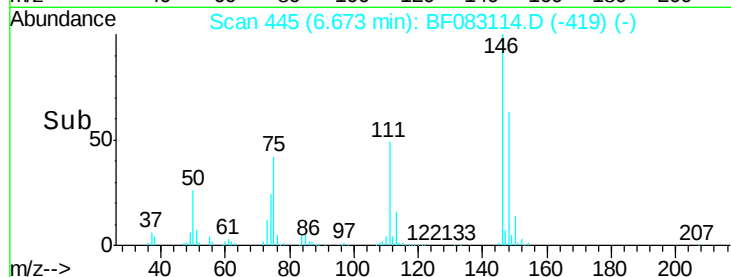
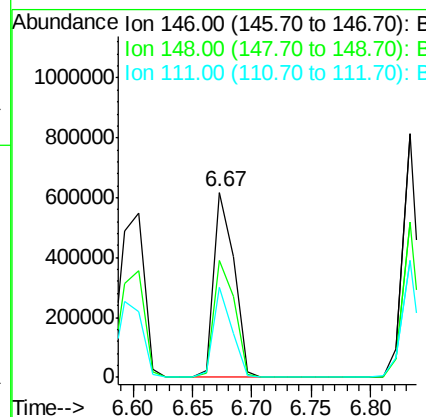
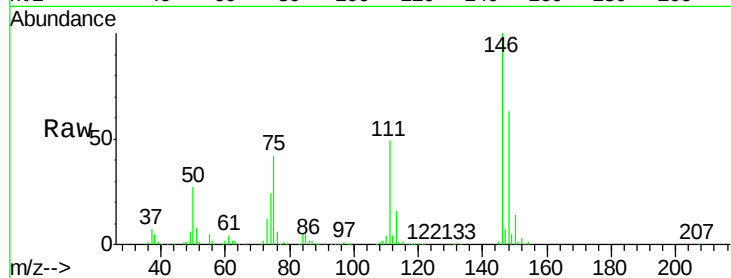
ClientSampleId :

SSTDICC050

Tot Ion:	146	Resp:	732965
Ion Ratio	Lower	Upper	
146	100		
148	63.2	49.6	74.4
111	48.7	39.0	58.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 48.69 ng

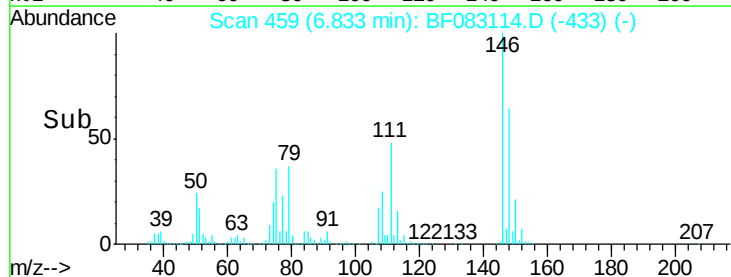
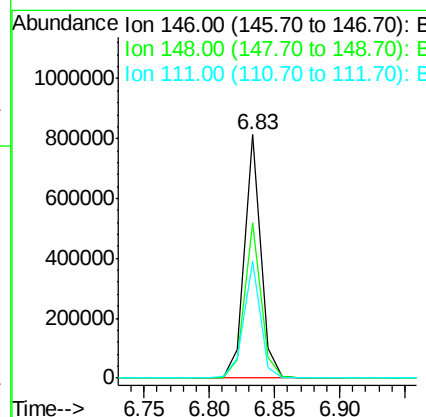
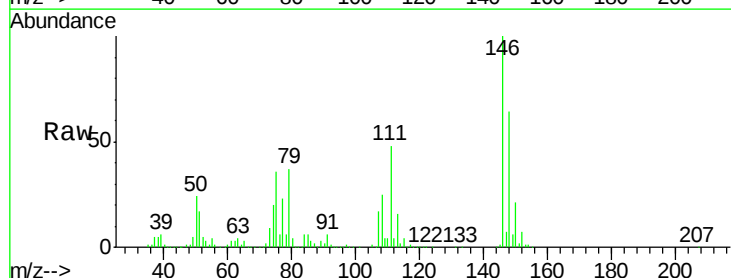
RT: 6.83 min Scan# 459

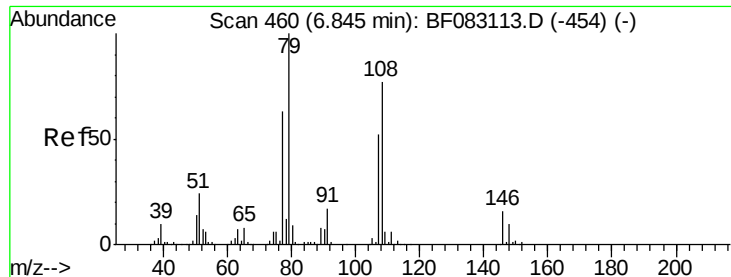
Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	146	Resp:	699772
Ion Ratio	Lower	Upper	
146	100		
148	63.8	51.8	77.6
111	48.0	38.2	57.2





#15

Benzyl Alcohol

Concen: 50.18 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

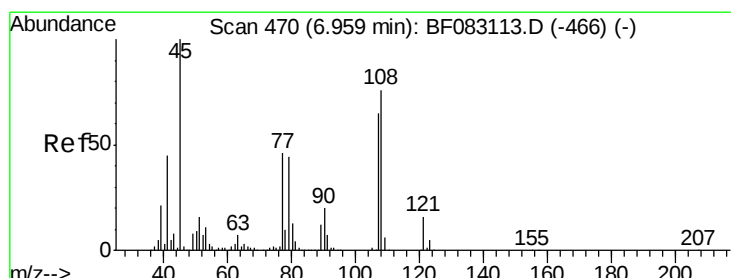
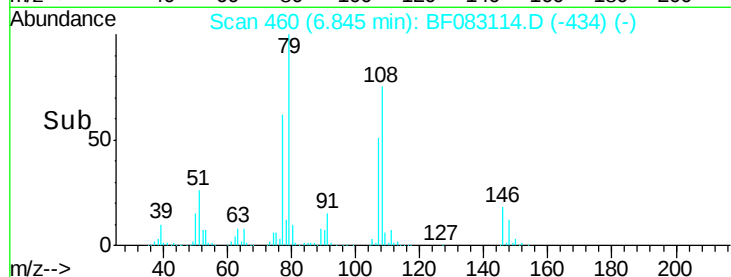
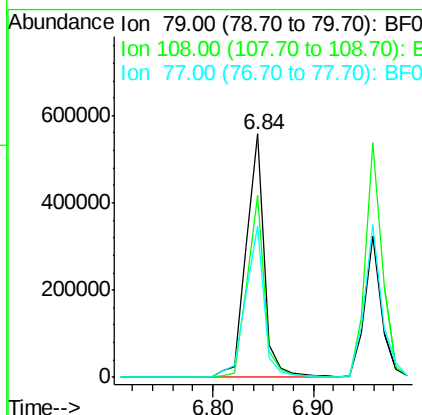
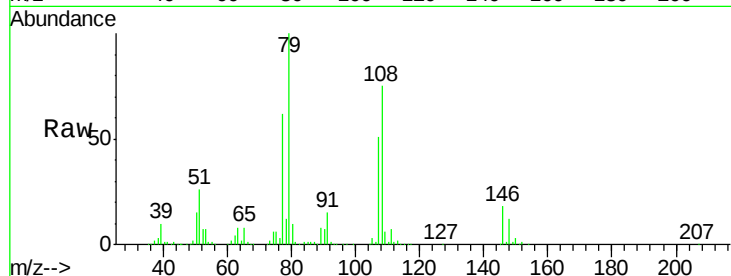
ClientSampleId :

SSTDIC050

Tot Ion:	79	Resp:	698250
Ion Ratio	Lower	Upper	
79	100		
108	74.7	55.7	83.5
77	62.2	50.7	76.1

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.02 ng

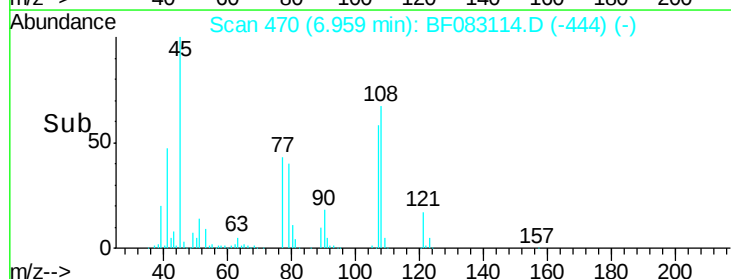
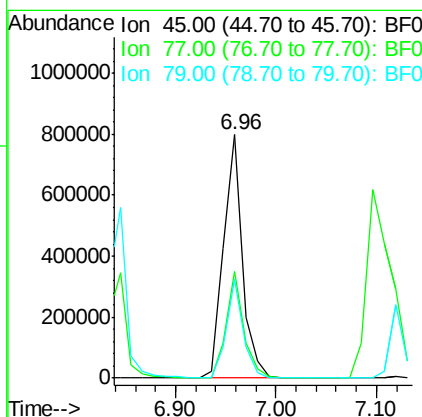
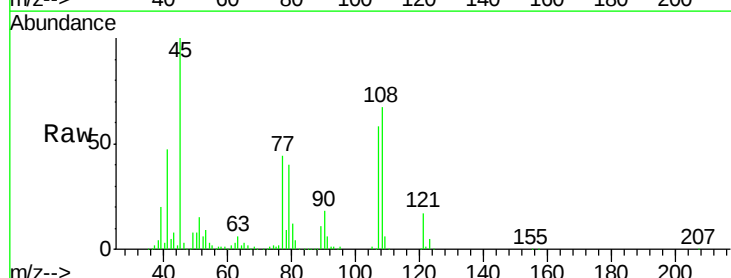
RT: 6.96 min Scan# 470

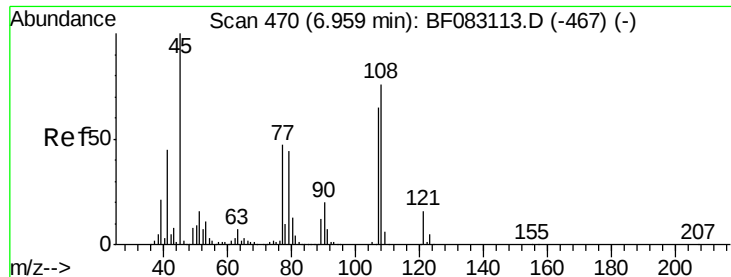
Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	45	Resp:	1040345
Ion Ratio	Lower	Upper	
45	100		
77	43.7	0.0	36.7#
79	40.5	0.0	33.0#





#17

2-Methylphenol

Concen: 47.49 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

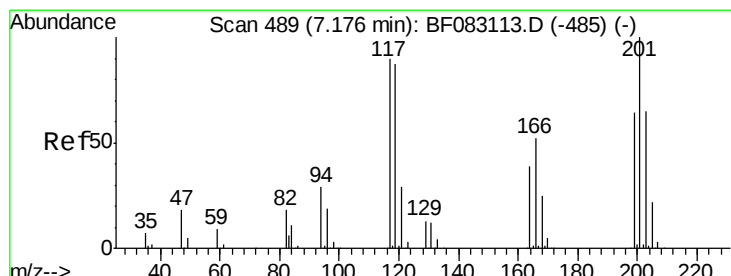
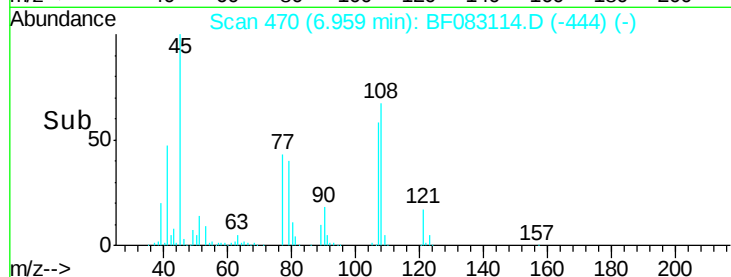
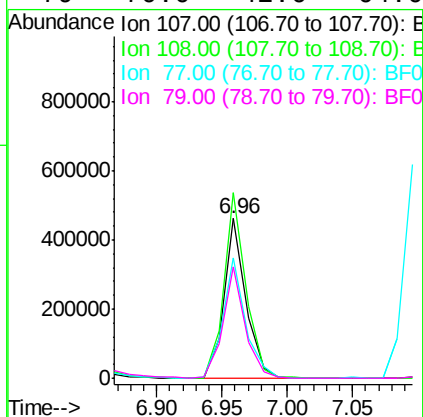
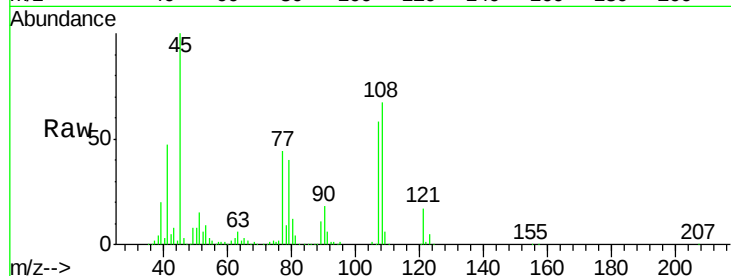
ClientSampleId :

SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	100		541017		
108	116.4	92.3	138.5		
77	75.6	43.9	65.9#		
79	70.0	42.6	64.0#		

Manual Integrations
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#18

Hexachloroethane

Concen: 48.52 ng

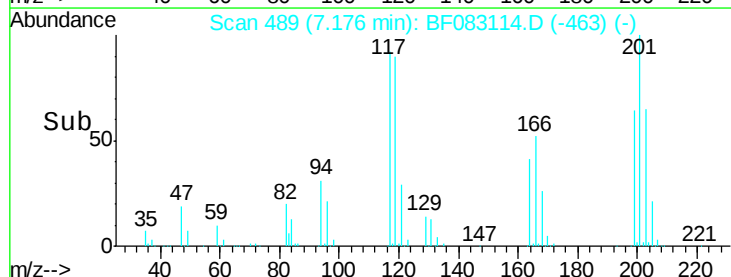
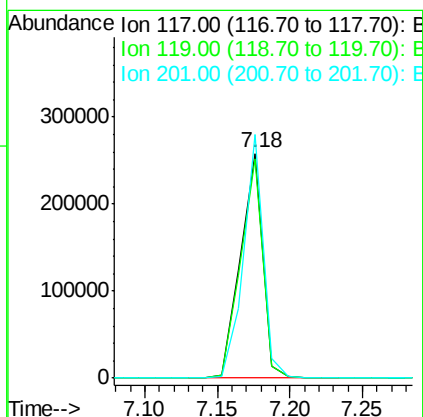
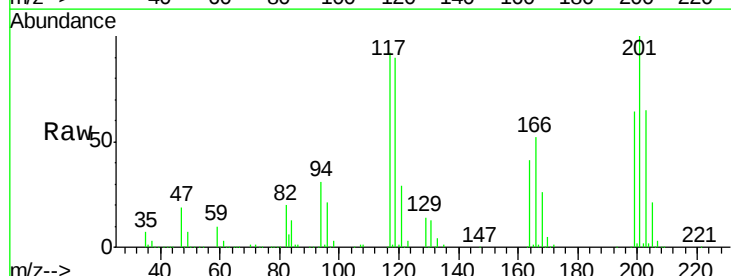
RT: 7.18 min Scan# 489

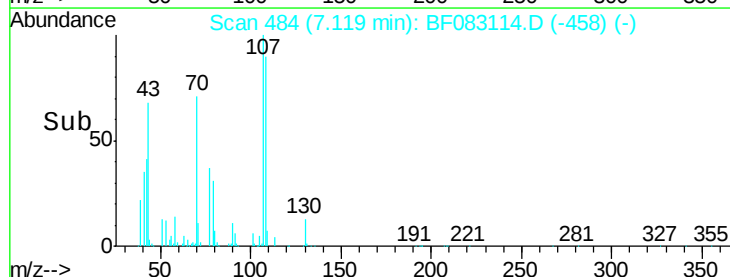
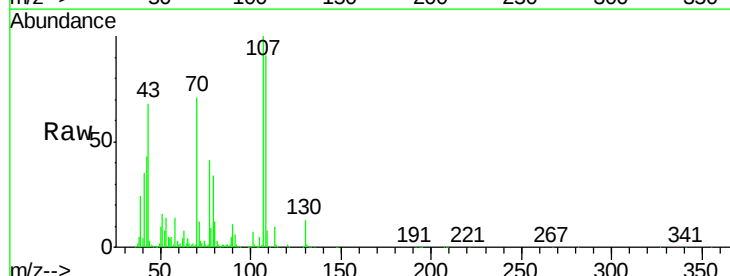
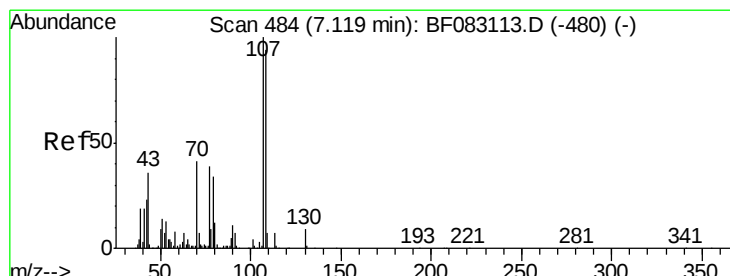
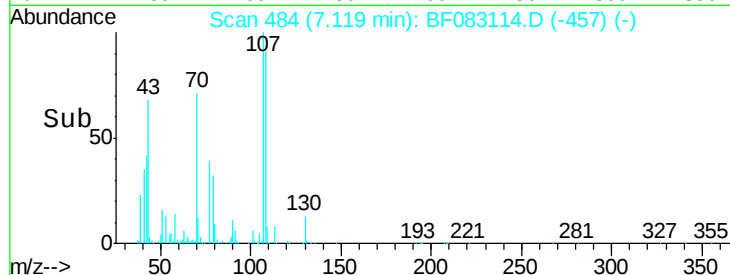
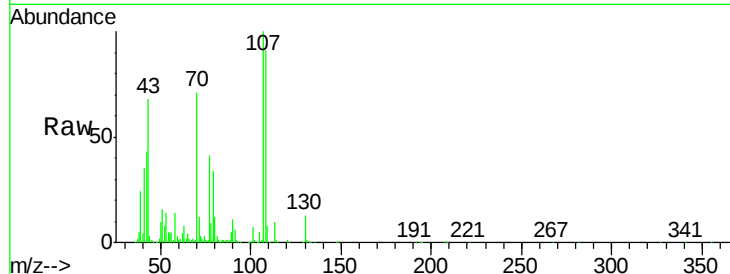
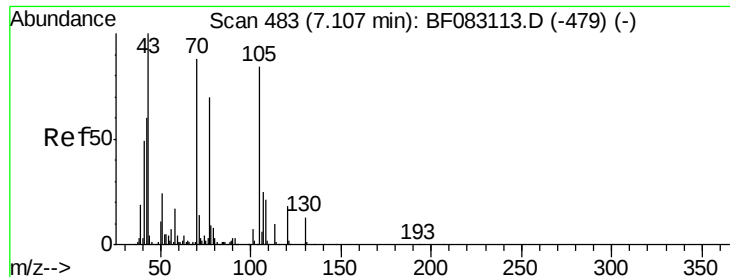
Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		275155		
119	97.4	78.3	117.5		
201	108.2	66.5	99.7#		

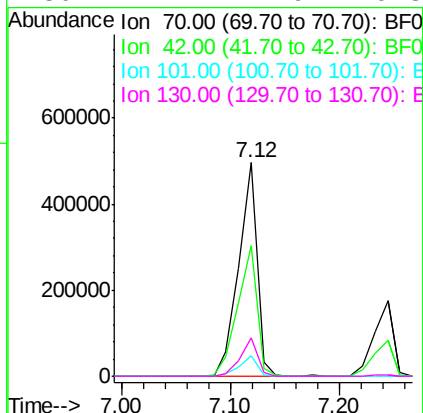




#19
n-Nitroso-di-n-propylamine
Concen: 50.06 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.01 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	61.0	50.2	75.2		
101	9.3	6.8	10.2		
130	17.7	12.9	19.3		

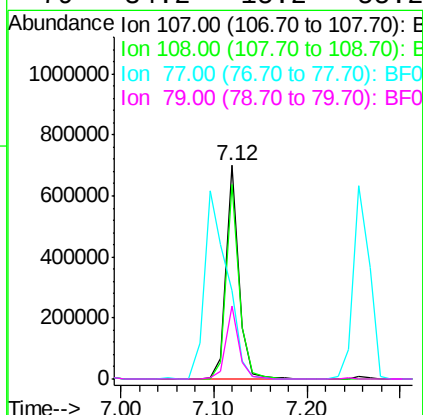


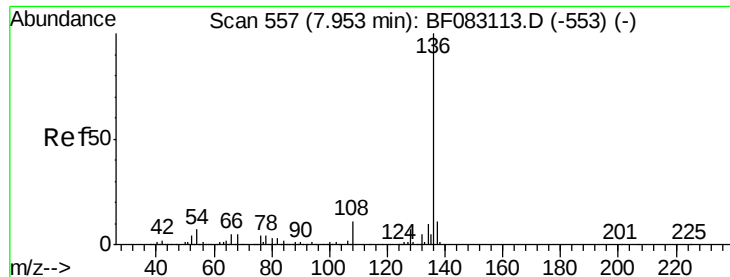
Manual Integrations
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11/23/2015 7:01:21 PM

#20
3+4-Methylphenols
Concen: 46.18 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	91.2	77.4	117.4		
77	41.3	16.7	56.7		
79	34.2	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: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

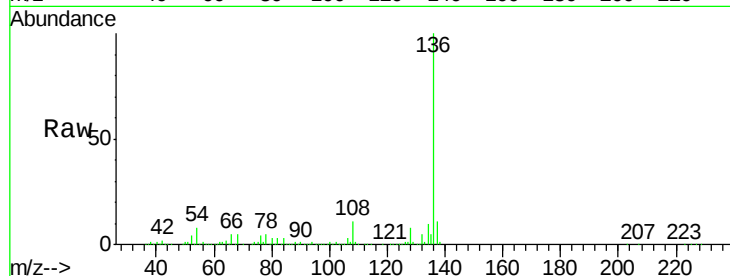
ClientSampleId :

SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		731451		
137	11.0		8.6	12.8	
54	7.8		6.2	9.2	
68	5.1		4.2	6.2	

Manual Integrations
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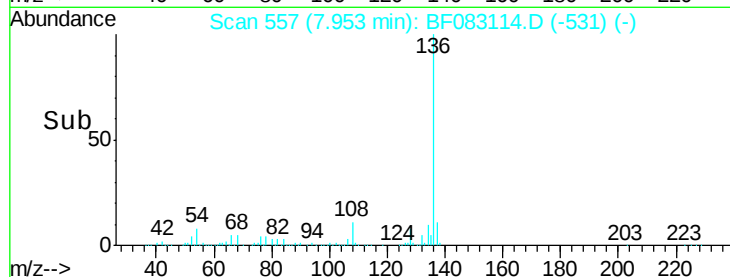
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

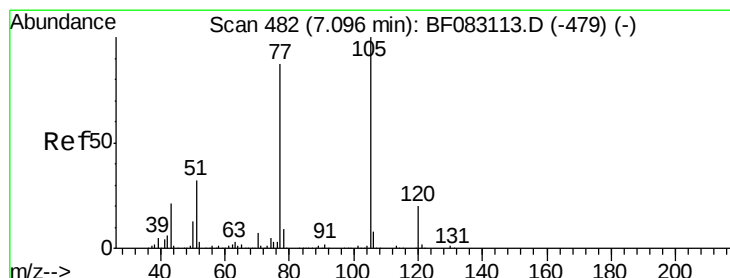
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



Time-->



#22

Acetophenone

Concen: 47.82 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		989285		
71	1.4		2.3	3.5#	
51	33.3		26.1	39.1	
120	19.0		15.3	22.9	

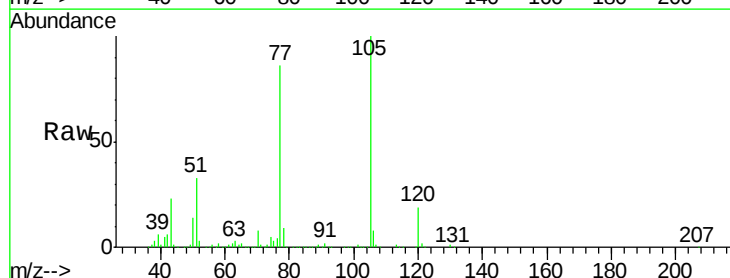
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

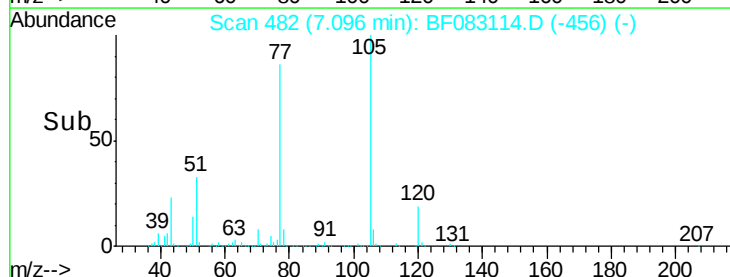
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



Time-->



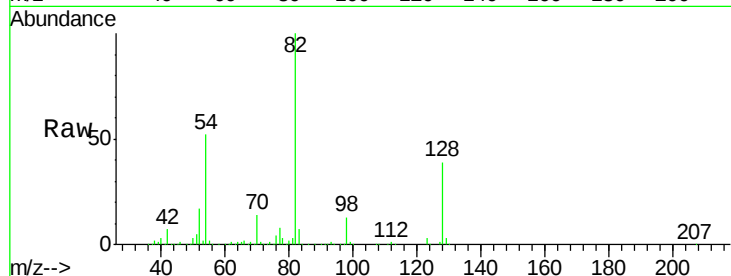
#23
 Nitrobenzene-d5
 Concen: 100.10 ng
 RT: 7.24 min Scan# 495
 Delta R.T. 0.01 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

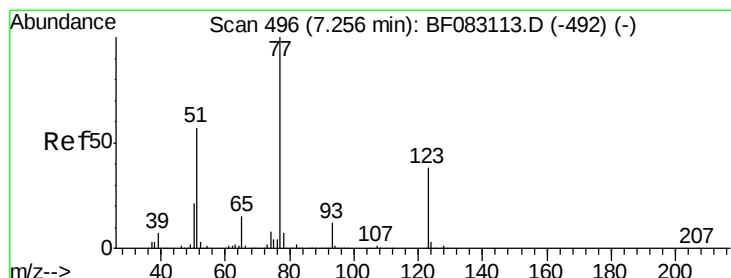
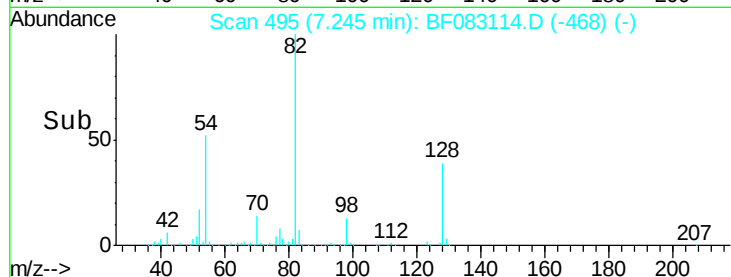
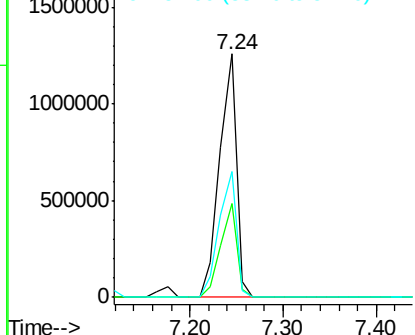
Tot Ion	82	Resp	1579963
Ion Ratio	100	Lower	Upper
82	100		
128	38.7	33.1	49.7
54	51.9	39.8	59.6

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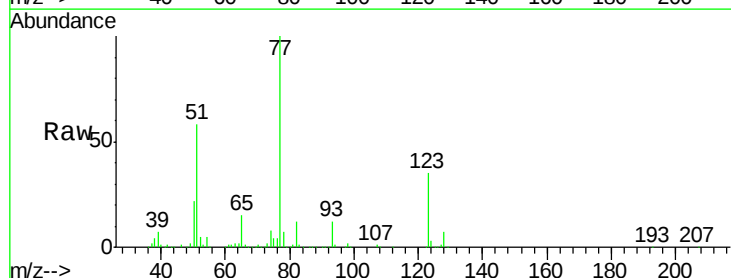


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

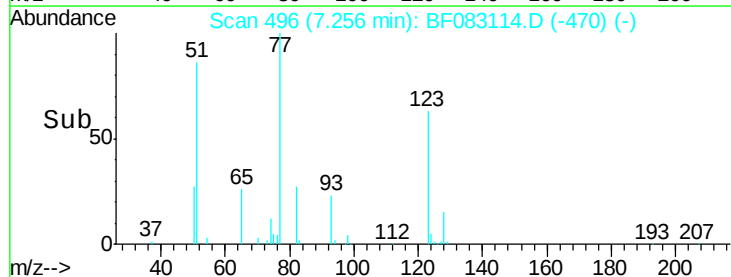
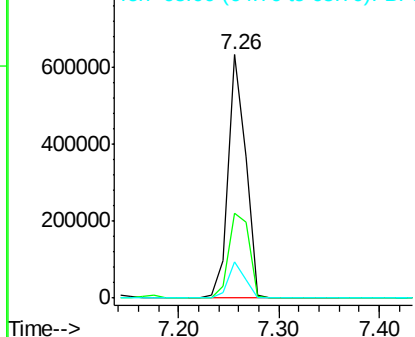


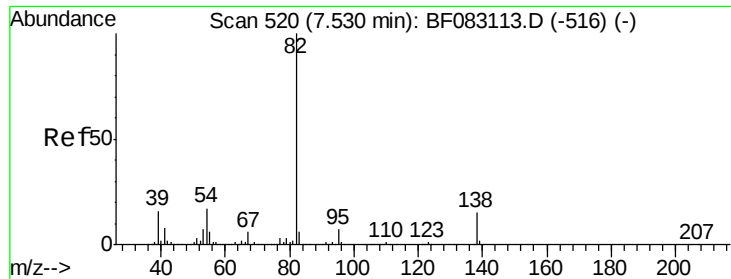
#24
 Nitrobenzene
 Concen: 45.21 ng
 RT: 7.26 min Scan# 496
 Delta R.T. 0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Tgt Ion	77	Resp	764214
Ion Ratio	100	Lower	Upper
77	100		
123	34.8	28.2	42.4
65	15.0	11.8	17.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





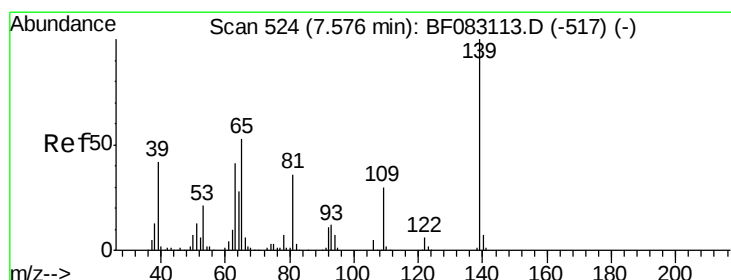
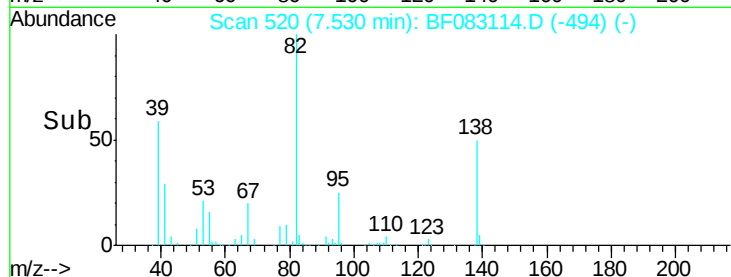
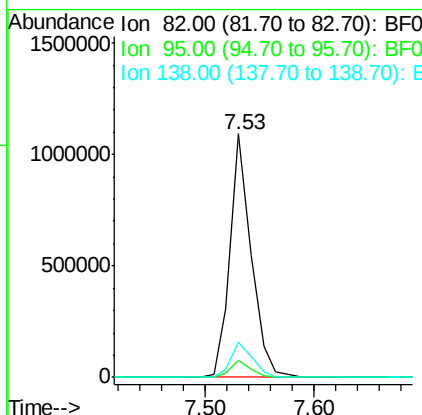
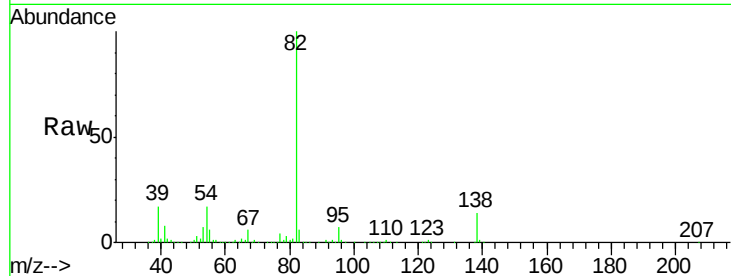
#25
Isophorone
Concen: 48.94 ng
RT: 7.53 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	82	Resp	1474379
Ion Ratio	100	Lower	Upper
82	100		
95	7.2	5.7	8.5
138	14.3	12.2	18.4

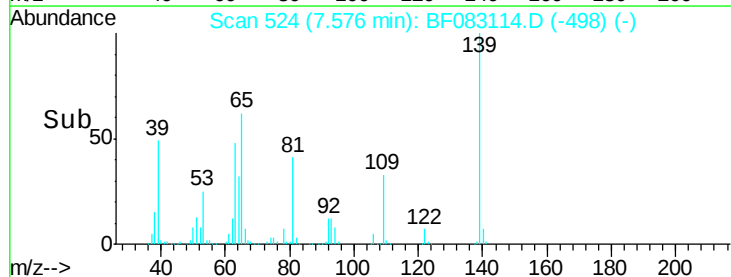
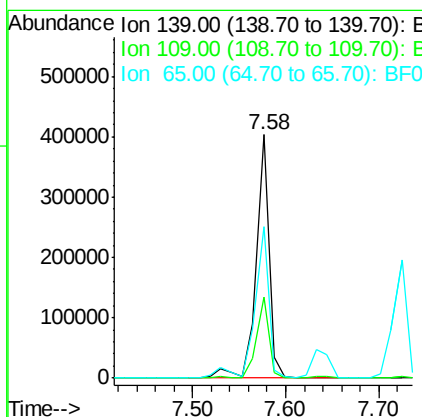
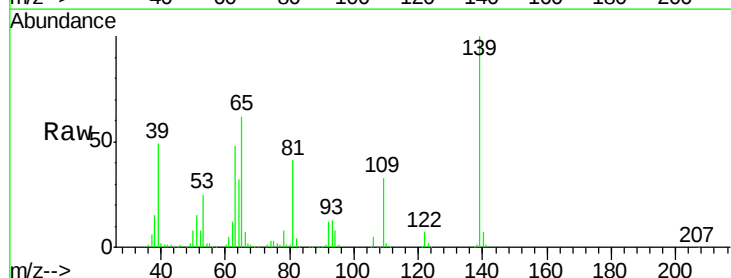
Manual Integrations
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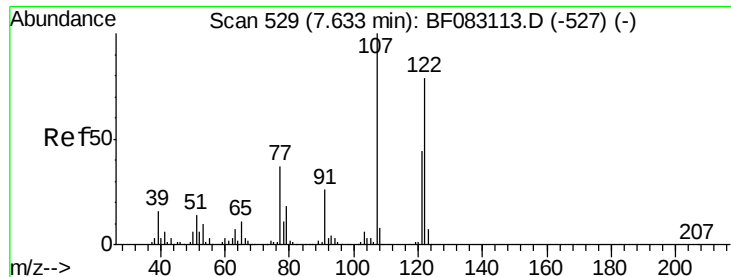
Mmdadoda
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#26
2-Nitrophenol
Concen: 50.84 ng
RT: 7.58 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	139	Resp	388751
Ion Ratio	100	Lower	Upper
139	100		
109	33.0	27.8	41.6
65	62.4	56.4	84.6





#27

2,4-Dimethylphenol

Concen: 48.30 ng

RT: 7.64 min Scan# 530

Delta R.T. 0.01 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

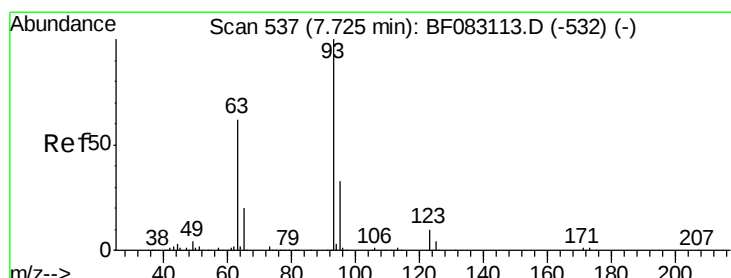
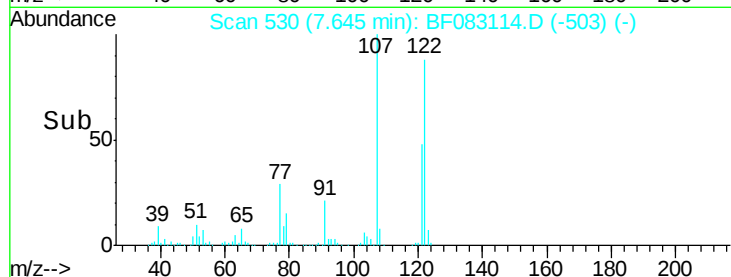
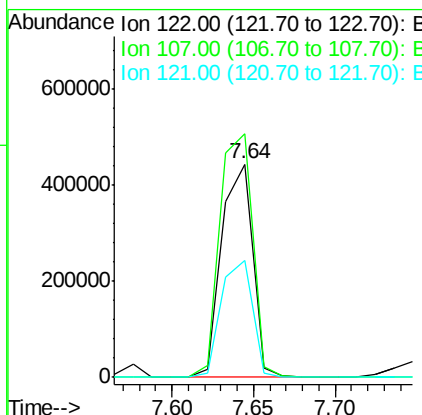
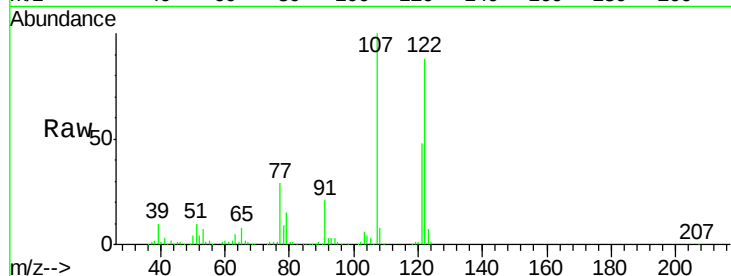
ClientSampleId :

SSTDIC050

Tot Ion:	122	Resp:	583202
Ion Ratio	Lower	Upper	
122	100		
107	114.1	97.5	146.3
121	54.8	45.3	67.9

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#28

bis(2-Chloroethoxy)methane

Concen: 50.30 ng

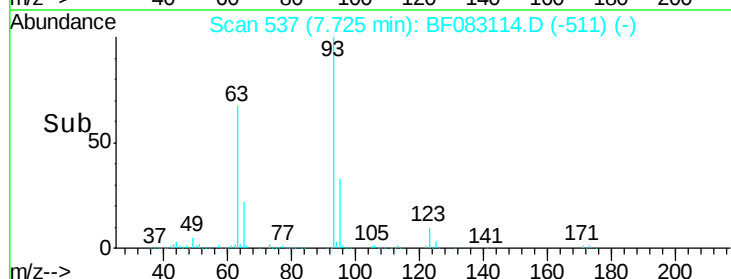
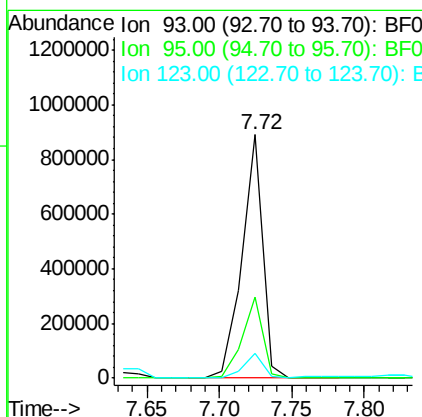
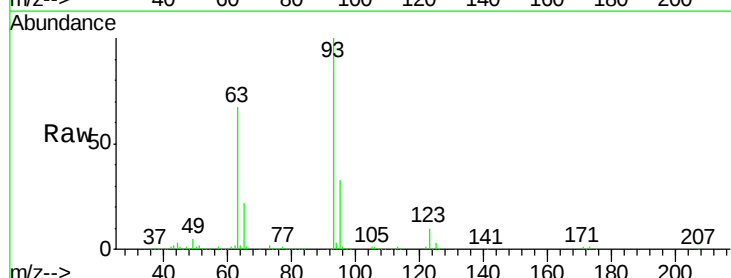
RT: 7.72 min Scan# 537

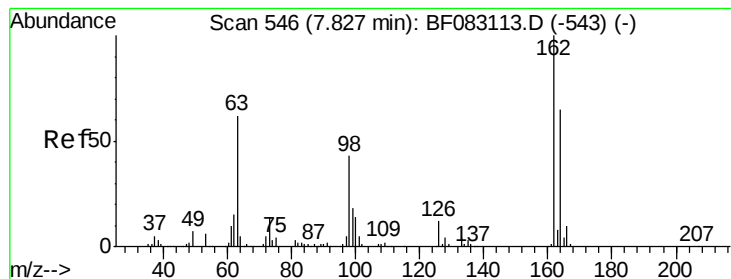
Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	93	Resp:	880749
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.2	39.2
123	10.2	8.5	12.7





#29

2,4-Dichlorophenol

Concen: 48.31 ng

RT: 7.83 min Scan# 546

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

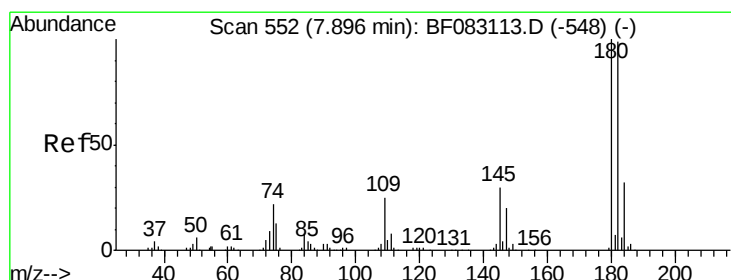
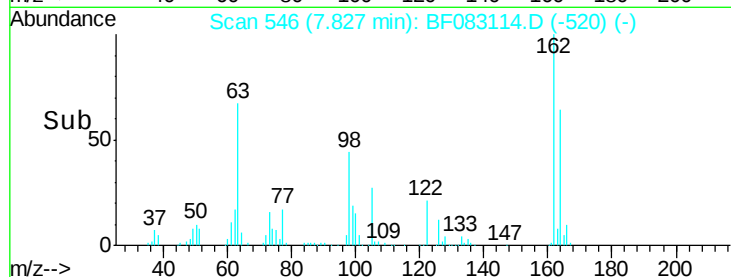
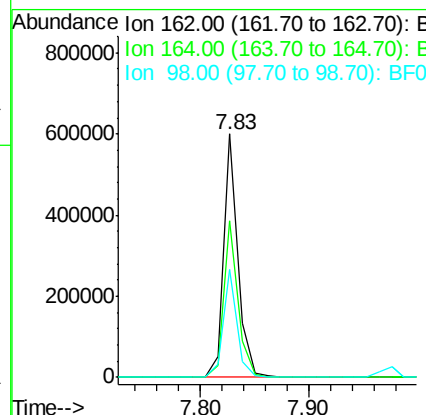
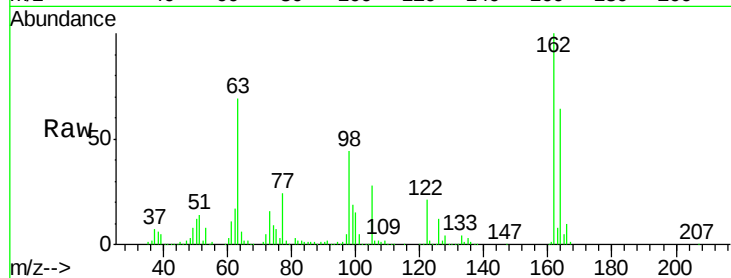
ClientSampleId :

SSTDIC050

Tot Ion:	162	Resp:	550735
Ion Ratio	Lower	Upper	
162	100		
164	64.2	44.1	84.1
98	44.4	21.6	61.6

Manual Integrations
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#30

1,2,4-Trichlorobenzene

Concen: 49.57 ng

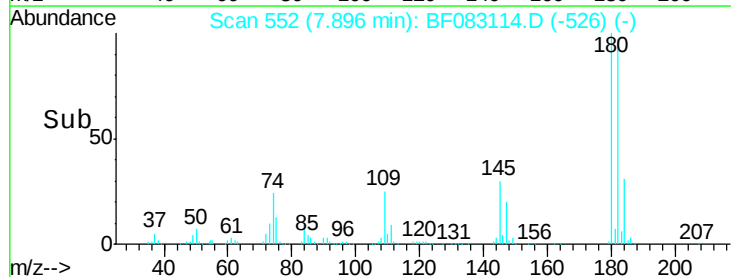
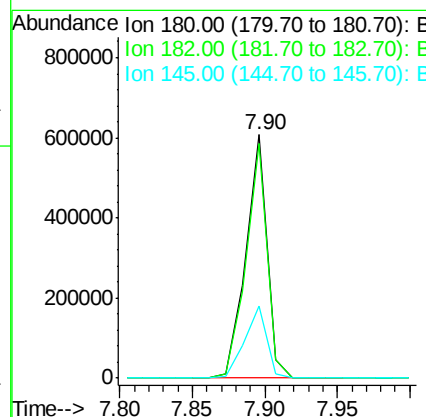
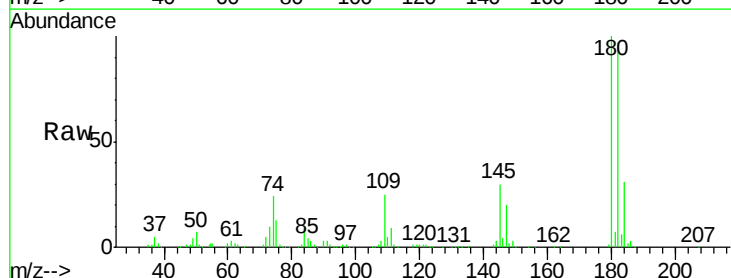
RT: 7.90 min Scan# 552

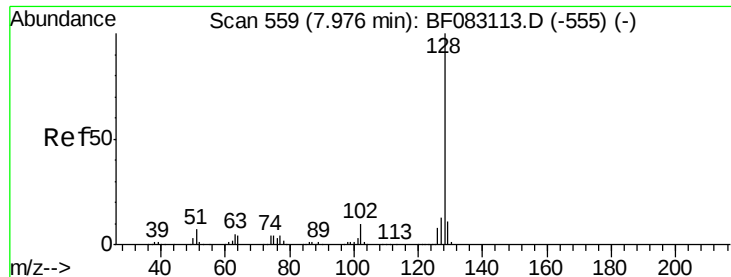
Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	180	Resp:	614933
Ion Ratio	Lower	Upper	
180	100		
182	96.6	76.2	114.4
145	29.5	24.0	36.0





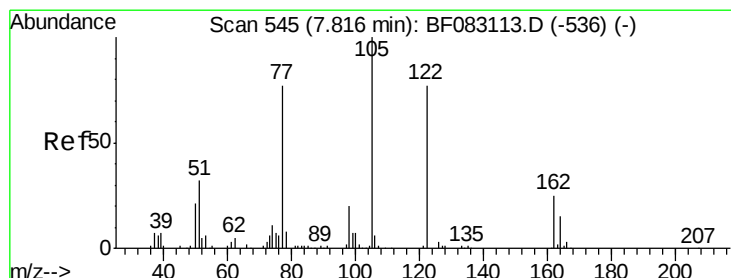
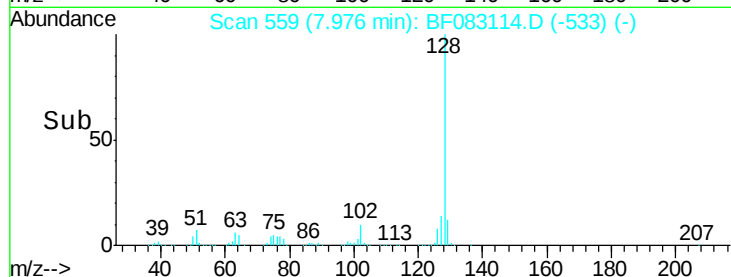
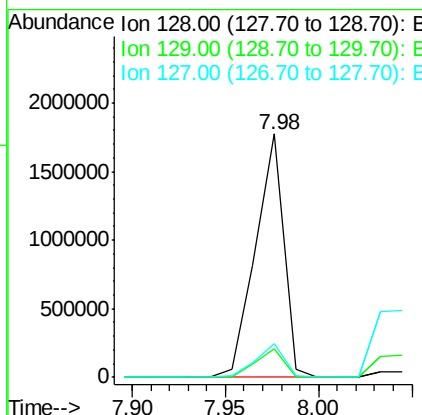
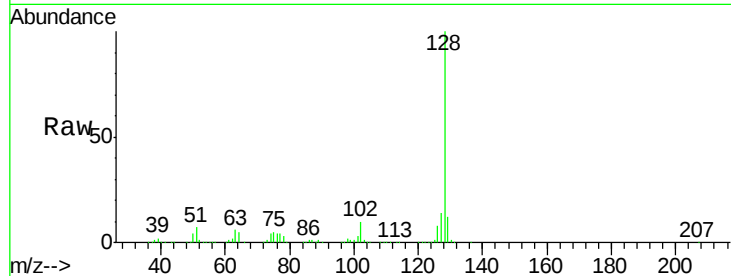
#31
Naphthalene
Concen: 48.48 ng
RT: 7.98 min Scan# 559
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.0	13.4
127	14.0	10.9	16.3

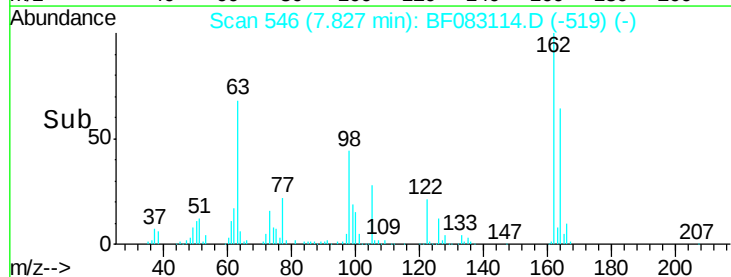
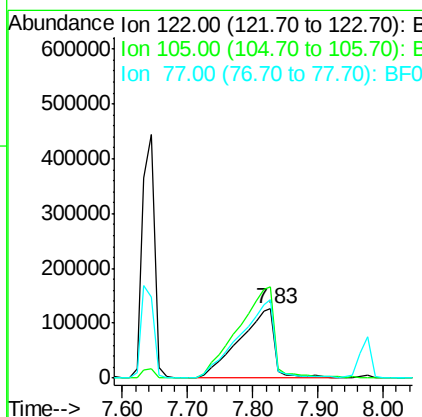
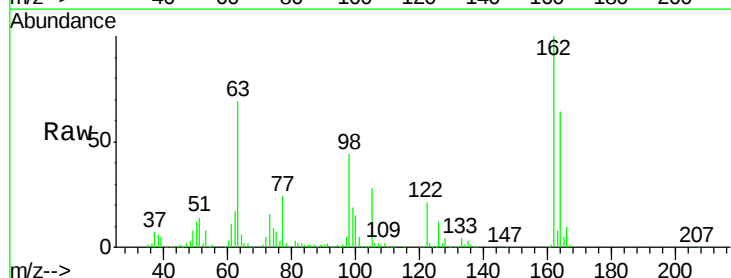
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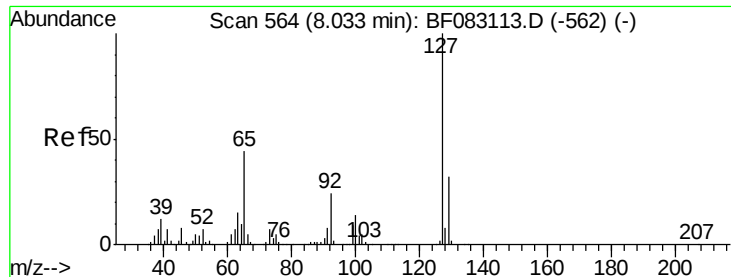
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#32
Benzoic acid
Concen: 50.04 ng
RT: 7.83 min Scan# 546
Delta R.T. 0.01 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.4	115.0	155.0
77	112.5	89.0	129.0





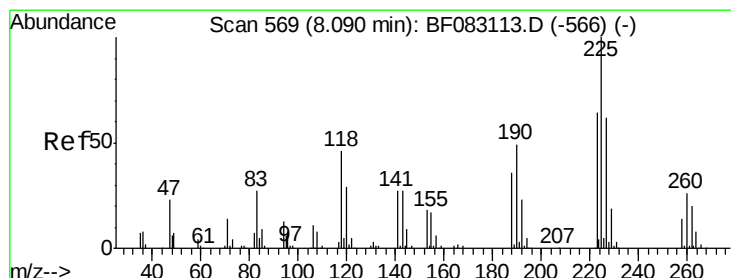
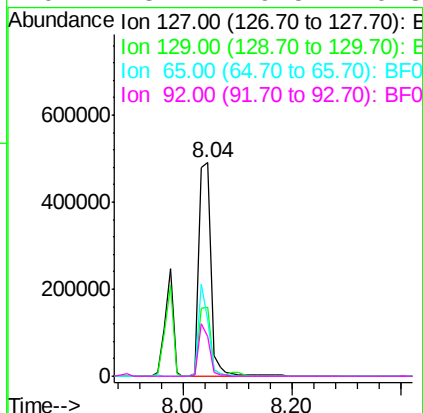
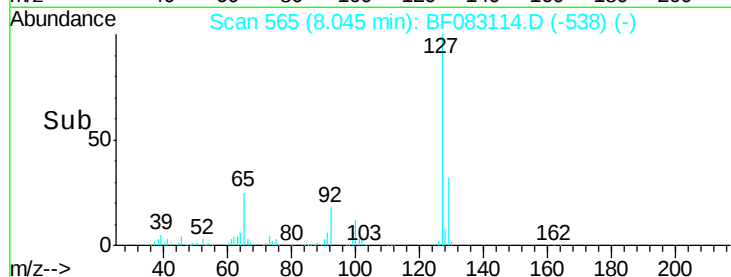
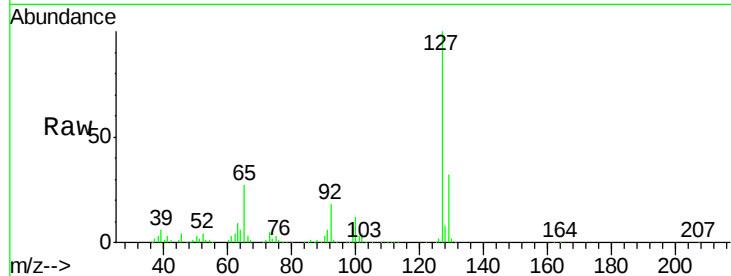
#33
4-Chloroaniline
Concen: 48.64 ng
RT: 8.04 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.4	26.1	39.1		
65	26.5	34.4	51.6		
92	18.4	19.5	29.3		

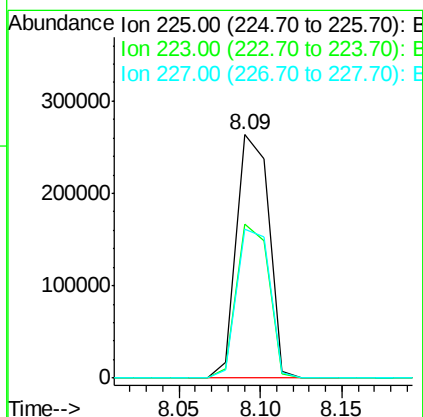
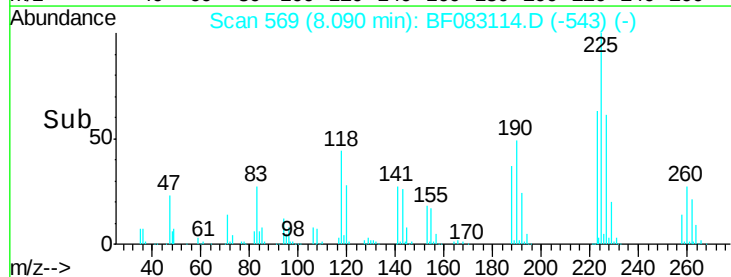
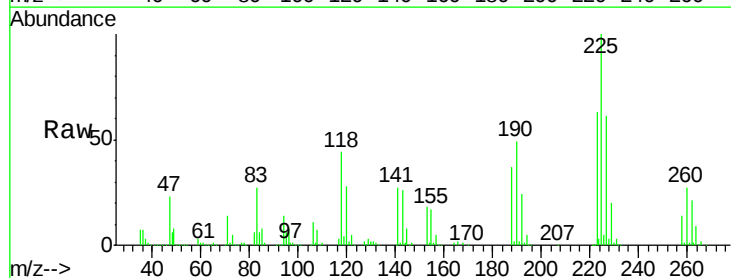
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#34
Hexachlorobutadiene
Concen: 49.24 ng
RT: 8.09 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.2	49.8	74.6		
227	61.2	50.6	76.0		





#35

Caprolactam

Concen: 56.50 ng/ml

RT: 8.50 min Scan# 605

Delta R.T. 0.01 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

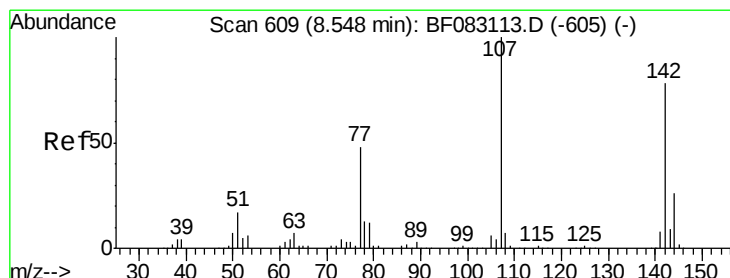
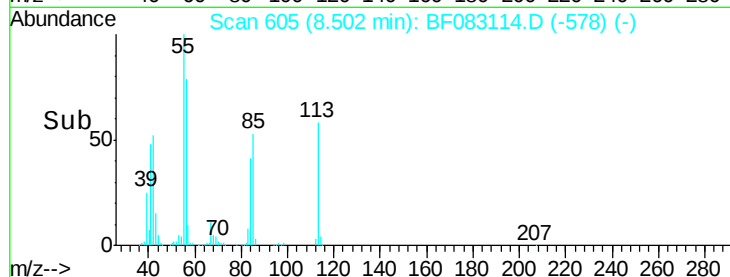
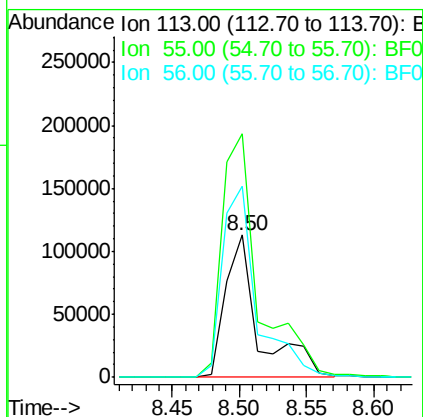
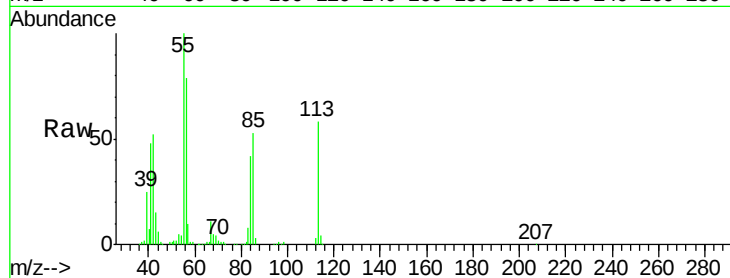
ClientSampleId :

SSTDICC050

Tot Ion:	113	Resp:	196741
Ion Ratio	Lower	Upper	
113	100		
55	171.6	189.1	229.1#
56	134.9	137.9	177.9#

Manual Integrations
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#36

4-Chloro-3-methylphenol

Concen: 52.26 ng/ml

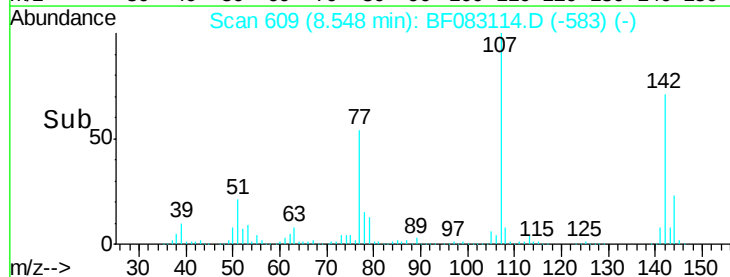
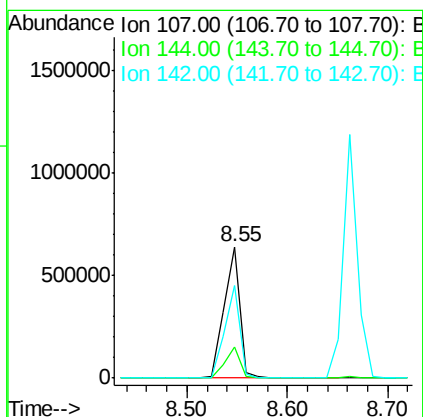
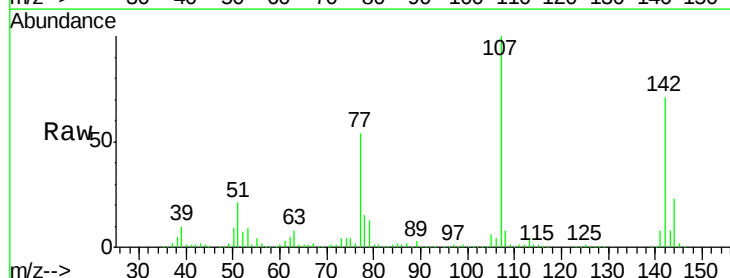
RT: 8.55 min Scan# 609

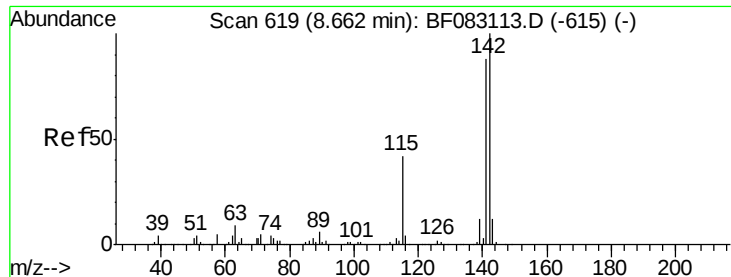
Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	107	Resp:	689483
Ion Ratio	Lower	Upper	
107	100		
144	23.4	20.0	30.0
142	71.1	61.3	91.9





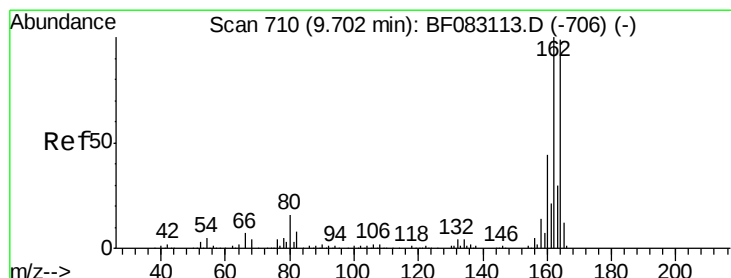
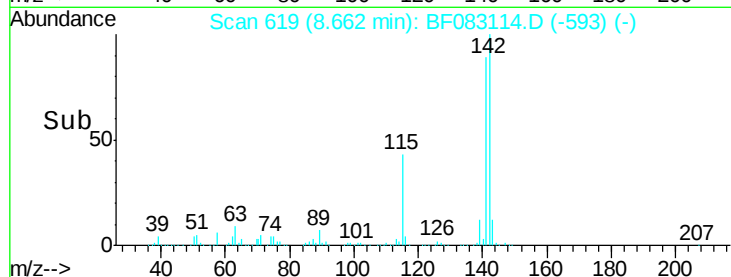
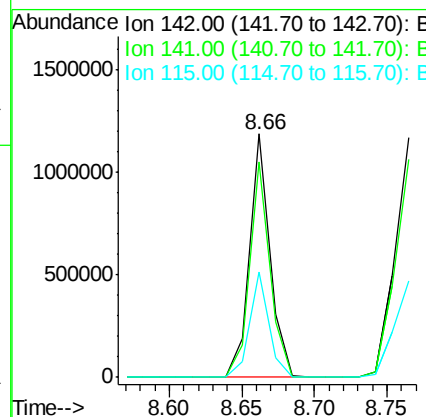
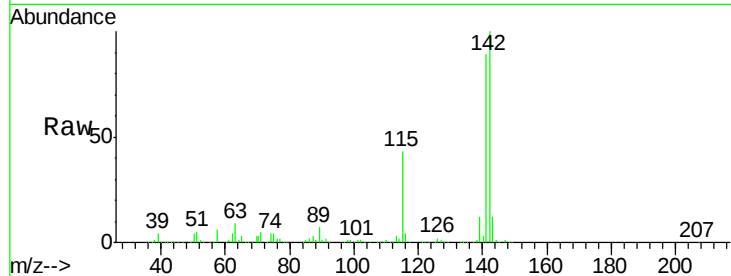
#37
2-Methylnaphthalene
Concen: 46.96 ng
RT: 8.66 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.7	106.1
115	43.1	33.1	49.7

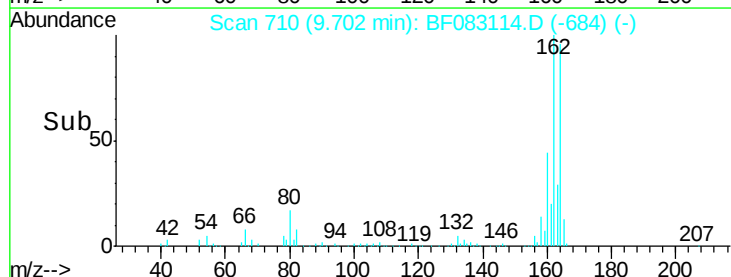
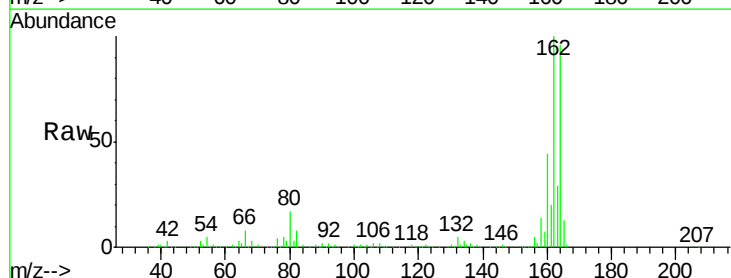
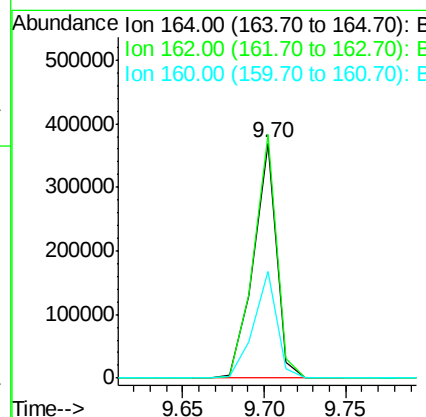
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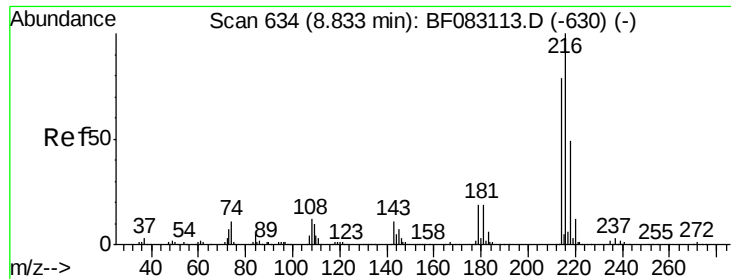
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	80.5	120.7
160	45.6	35.0	52.4





#39

1,2,4,5-Tetrachlorobenzene

Concen: 50.73 ng

RT: 8.83 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

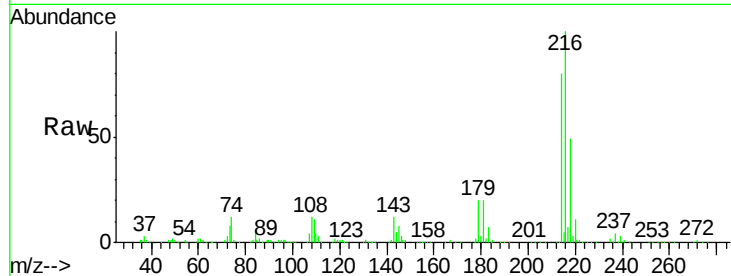
ClientSampleId :

SSTDICC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		589066		
214	79.5		64.6	97.0	
179	21.6		17.8	26.6	
108	18.6		16.8	25.2	

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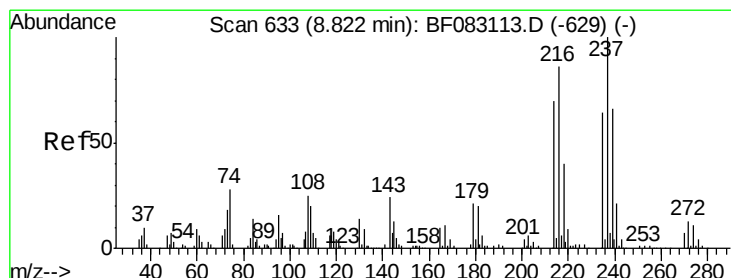
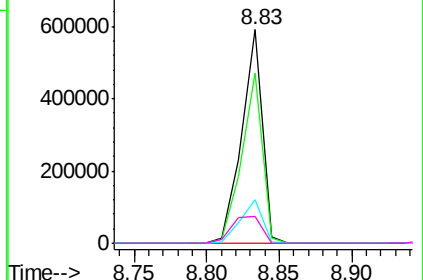
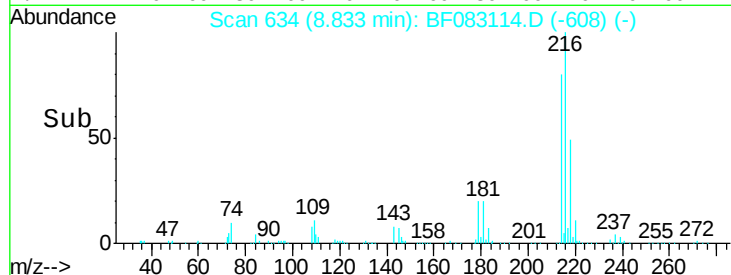


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 52.89 ng

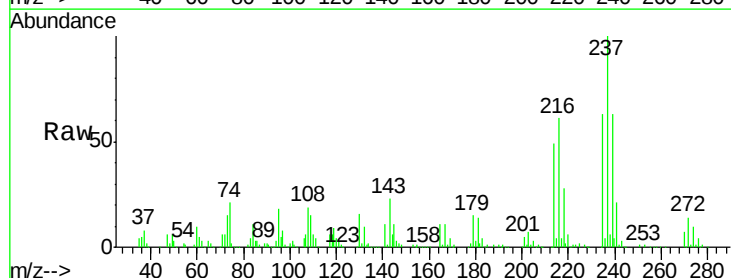
RT: 8.82 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

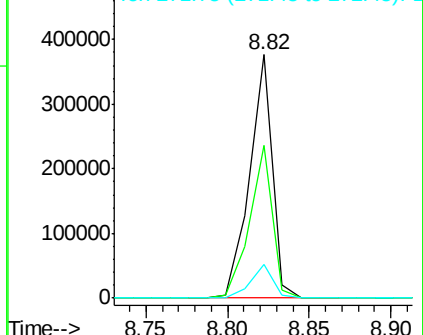
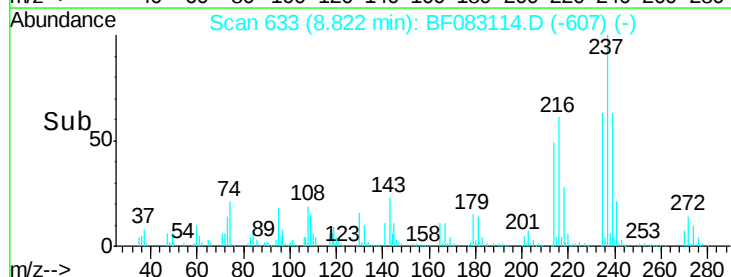
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		364449		
235	62.5		44.1	84.1	
272	13.6		0.0	30.9	

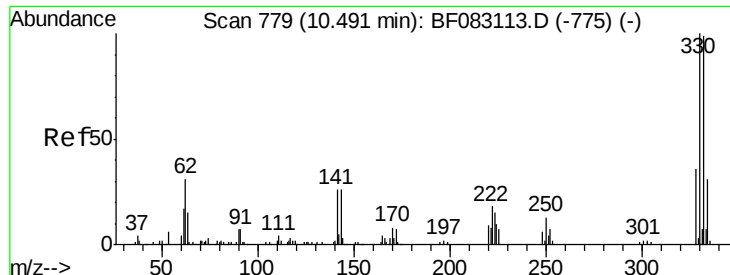


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





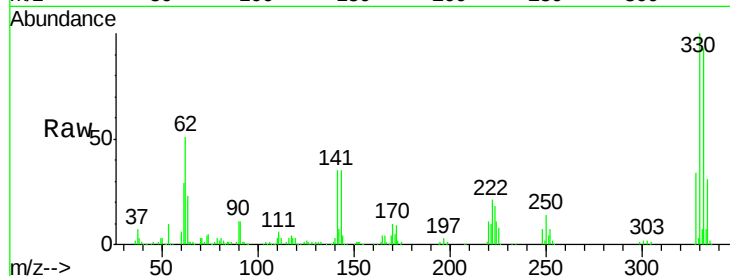
#41
 2,4,6-Tribromophenol
 Concen: 101.81 ng
 RT: 10.49 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

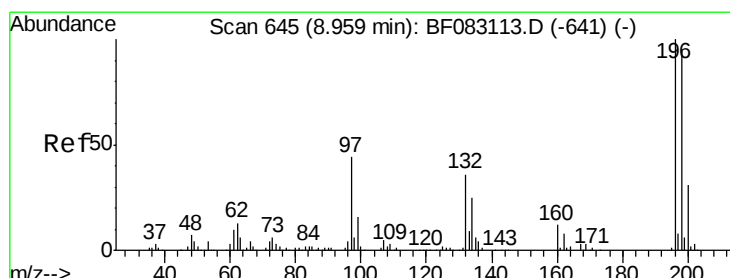
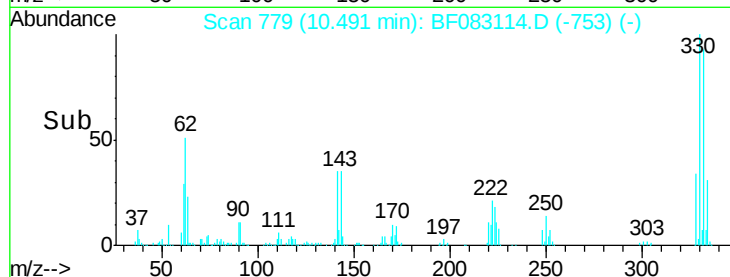
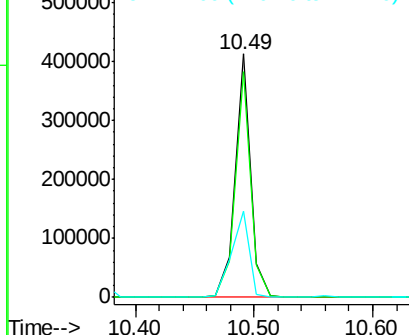
Tot Ion	Ratio	Resp	Lower	Upper
330	100	372864		
332	93.1	77.6	116.4	
141	40.3	34.6	52.0	

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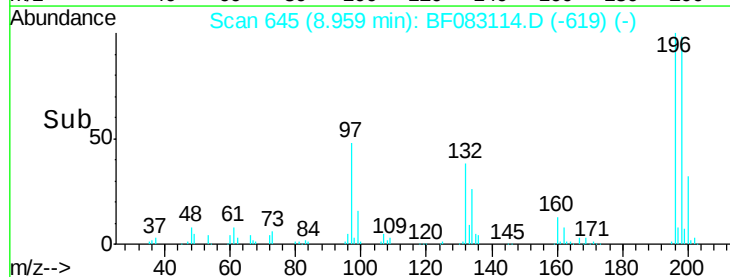
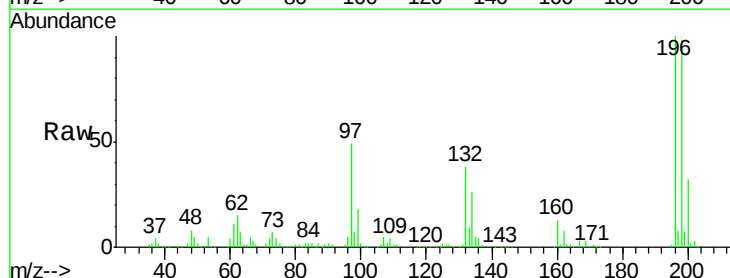
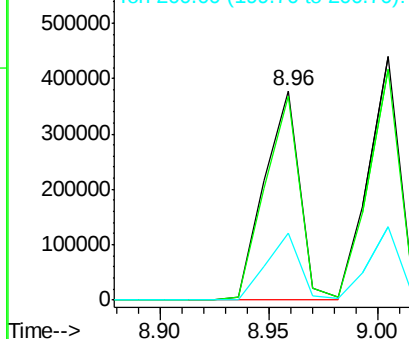
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

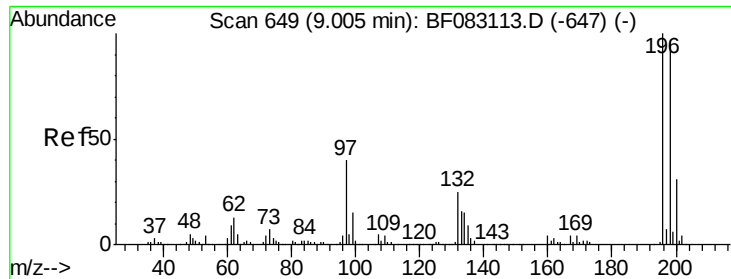


#42
 2,4,6-Trichlorophenol
 Concen: 51.18 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	429819		
198	97.6	75.9	113.9	
200	31.8	24.0	36.0	

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





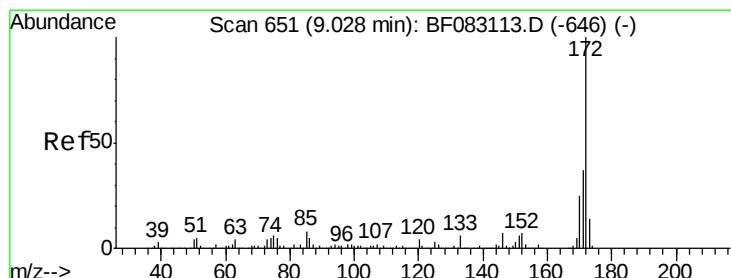
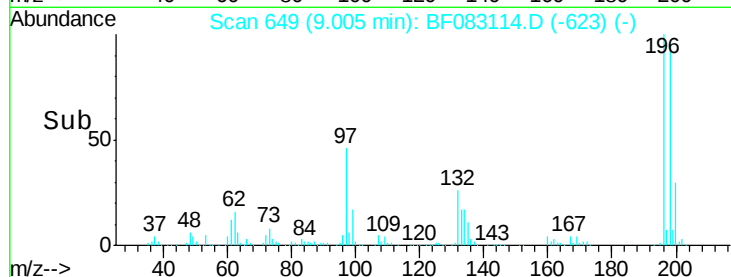
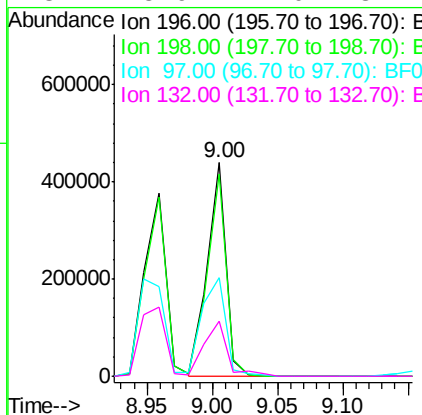
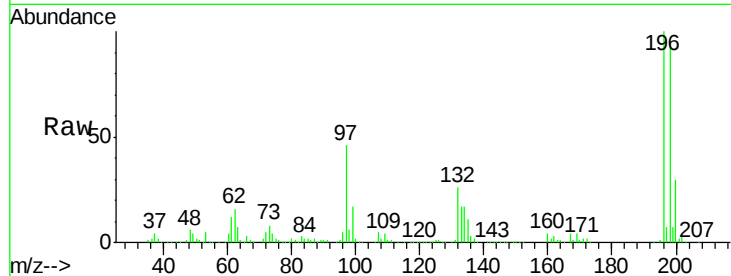
#43
2,4,5-Trichlorophenol
Concen: 51.85 ng
RT: 9.00 min Scan# 649
Delta R.T. -0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion:	196	Resp:	444056
Ion Ratio	Lower	Upper	
196	100		
198	94.6	77.8	116.6
97	46.2	37.1	55.7
132	25.9	21.0	31.4

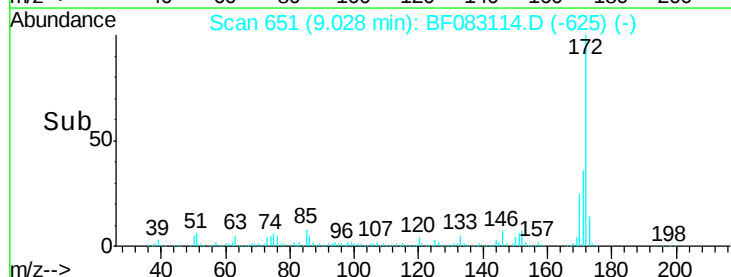
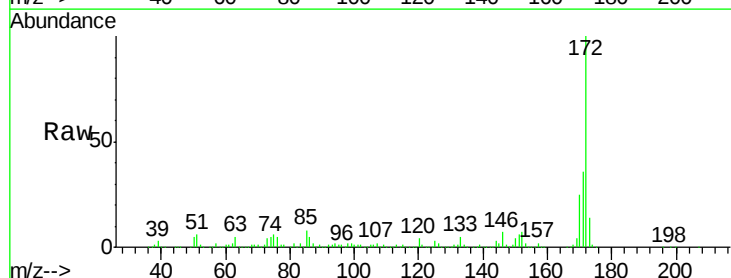
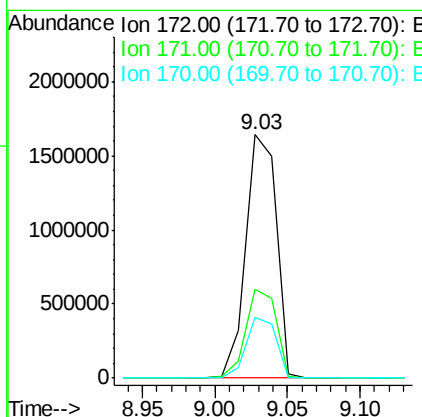
Manual Integrations
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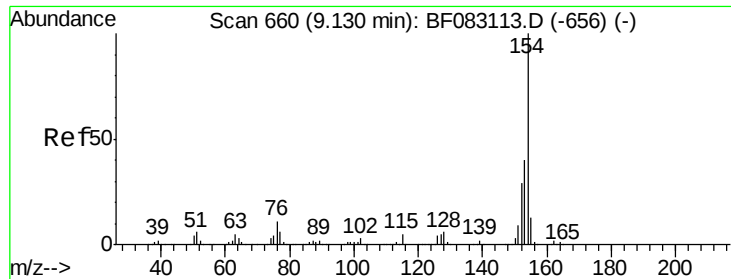
Mmdadoda
11/23/2015 7:01:21 PM



#44
2-Fluorobiphenyl
Concen: 96.92 ng
RT: 9.03 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion:	172	Resp:	2405495
Ion Ratio	Lower	Upper	
172	100		
171	36.4	28.2	42.4
170	24.8	19.4	29.0





#45

1,1'-Biphenyl

Concen: 50.26 ng

RT: 9.13 min Scan# 660

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1514940

Ion Ratio Lower Upper

154 100

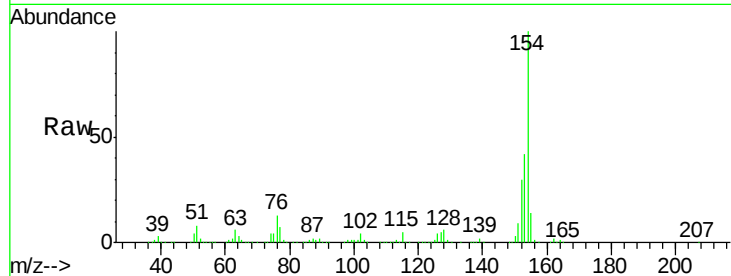
153 42.2 20.7 60.7

76 13.4 0.0 34.0

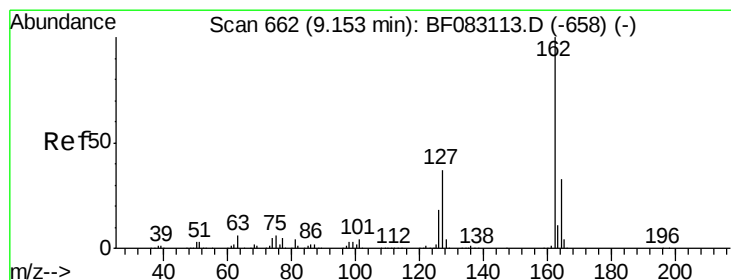
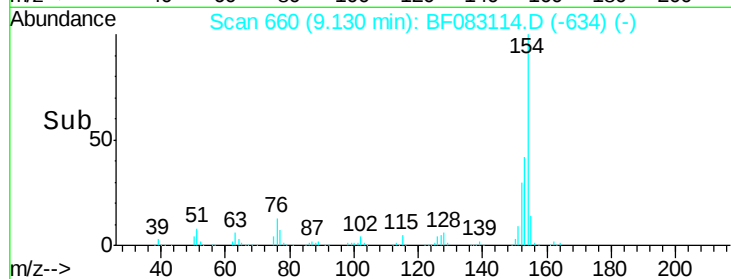
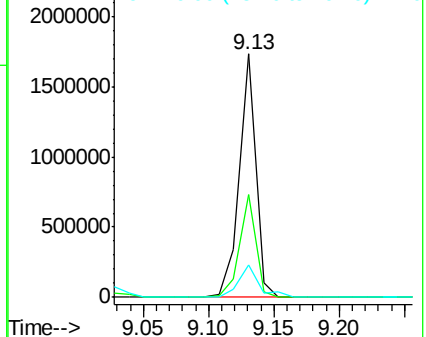
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 50.82 ng

RT: 9.15 min Scan# 662

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

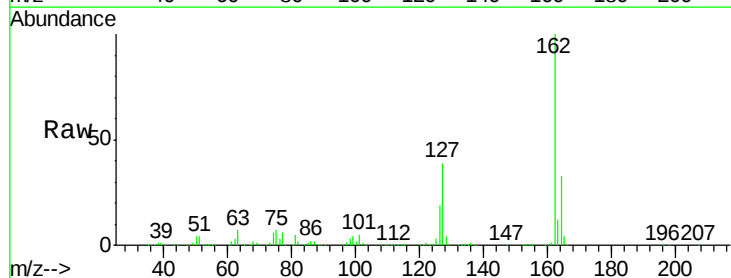
Tgt Ion:162 Resp: 1204837

Ion Ratio Lower Upper

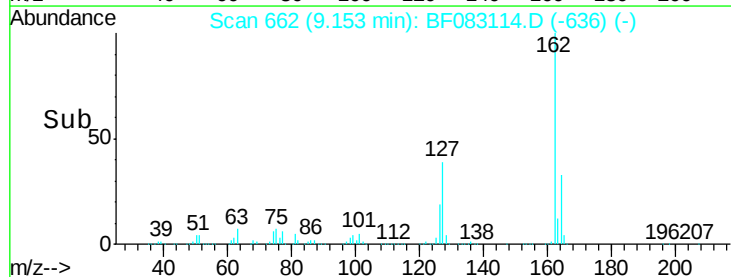
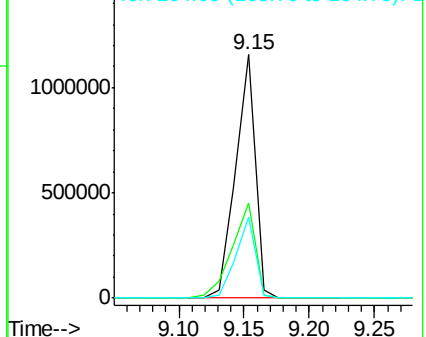
162 100

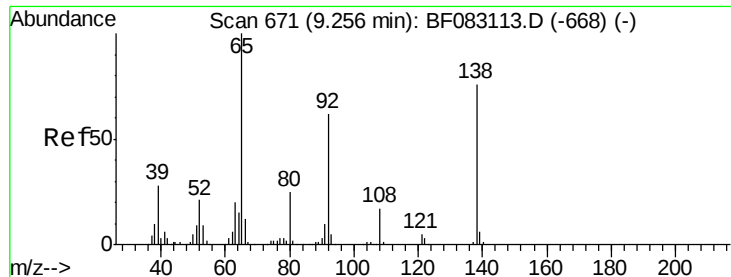
127 39.3 32.8 49.2

164 33.2 26.9 40.3



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





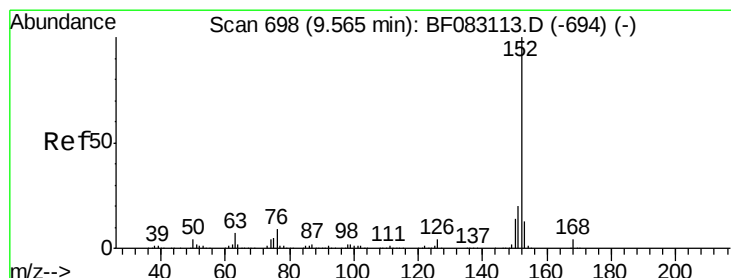
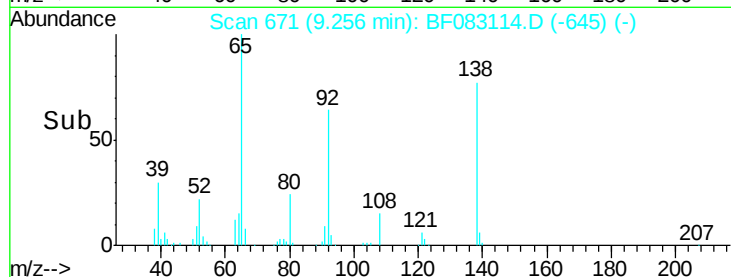
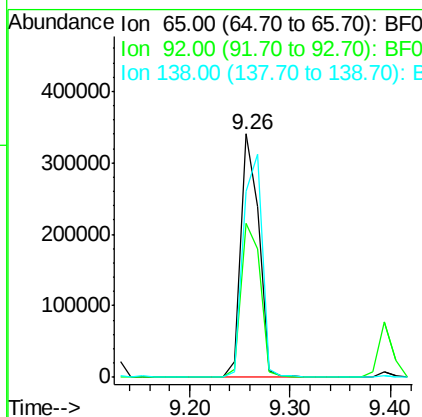
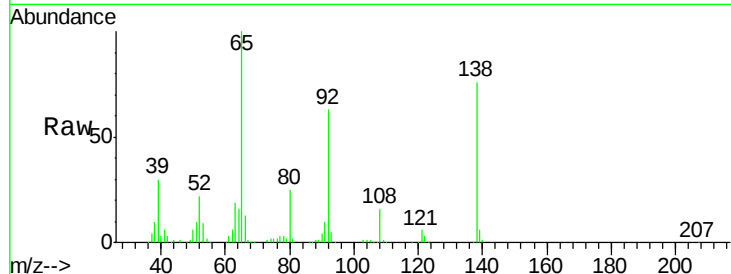
#47
2-Nitroaniline
Concen: 48.73 ng
RT: 9.26 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.4	49.6	74.4
138	76.5	58.8	88.2

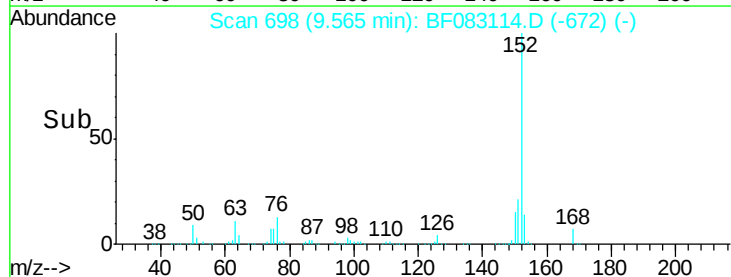
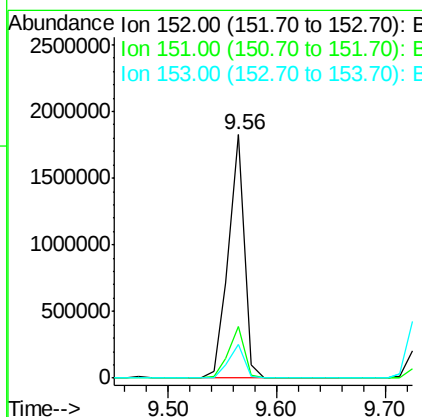
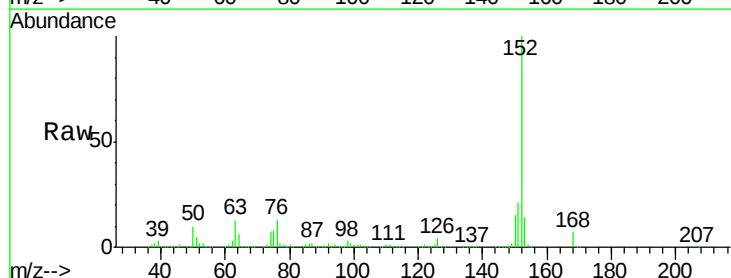
Manual Integrations
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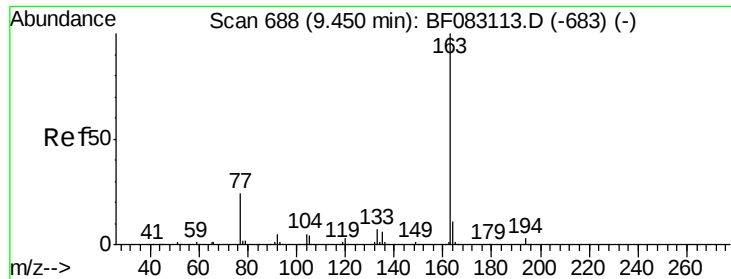
Mmdadoda
11/23/2015 7:01:21 PM



#48
Acenaphthylene
Concen: 50.23 ng
RT: 9.56 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.2
153	14.0	10.6	15.8





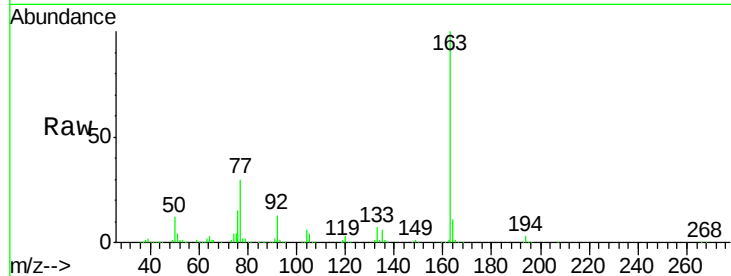
#49
Dimethylphthalate
Concen: 46.41 ng
RT: 9.45 min Scan# 688
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

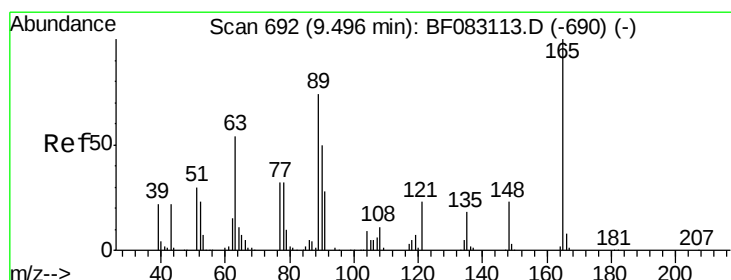
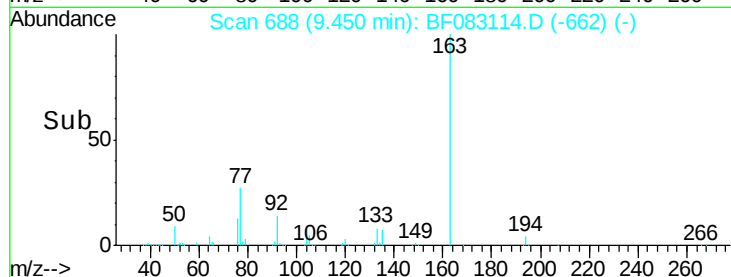
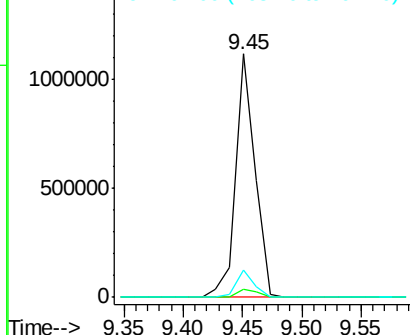
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	11.1	8.5	12.7

Manual Integrations
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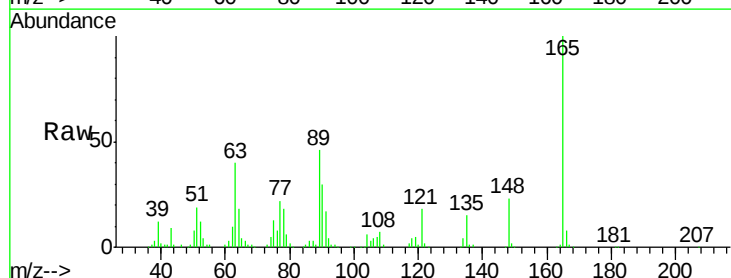


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

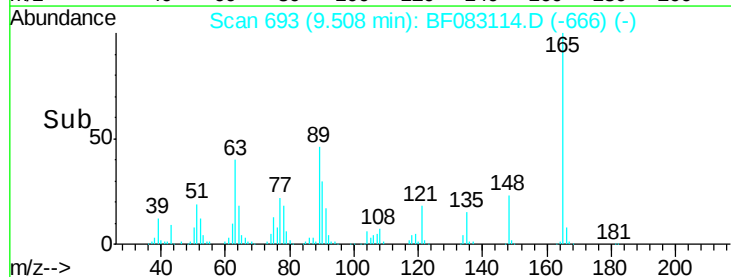
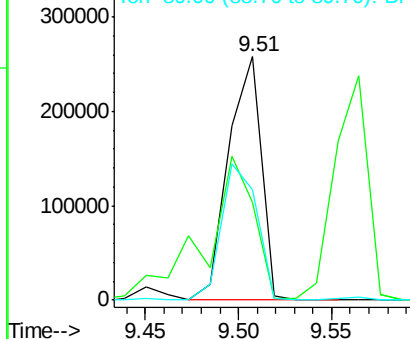


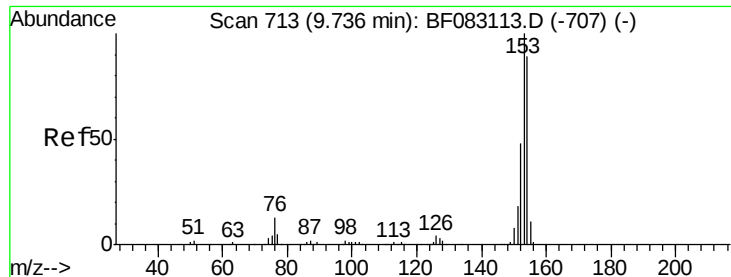
#50
2,6-Dinitrotoluene
Concen: 50.73 ng
RT: 9.51 min Scan# 693
Delta R.T. 0.01 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
165	100		
63	40.1	40.6	61.0#
89	45.6	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: 50.67 ng

RT: 9.74 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:154 Resp: 1128184

Ion Ratio Lower Upper

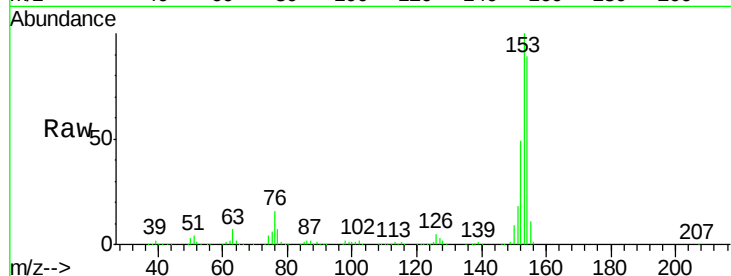
154 100

153 112.0 90.1 135.1

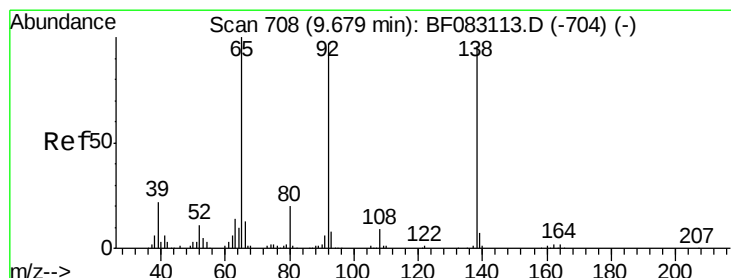
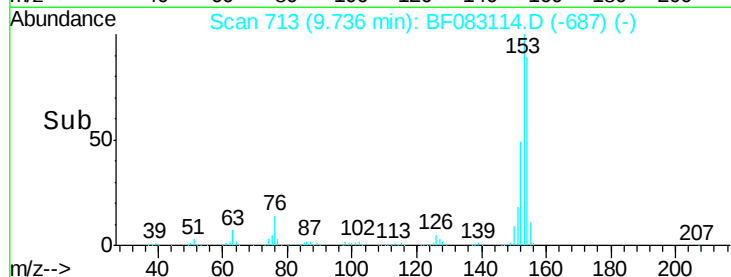
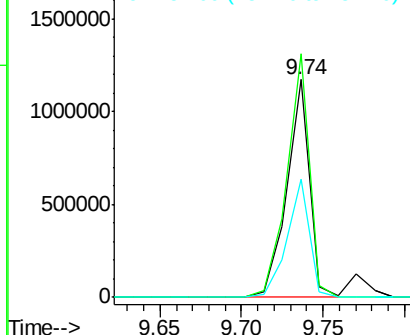
152 54.6 43.3 64.9

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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: 54.81 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

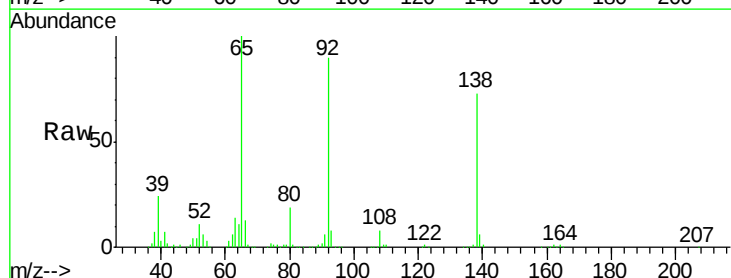
Tgt Ion:138 Resp: 376971

Ion Ratio Lower Upper

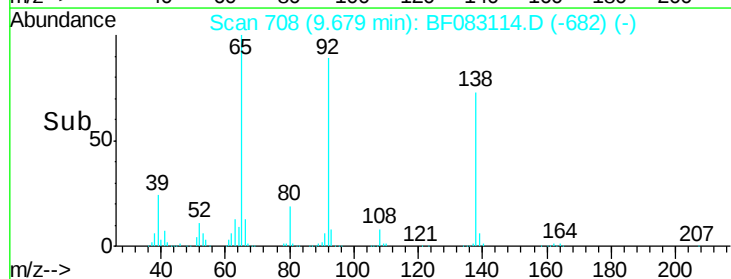
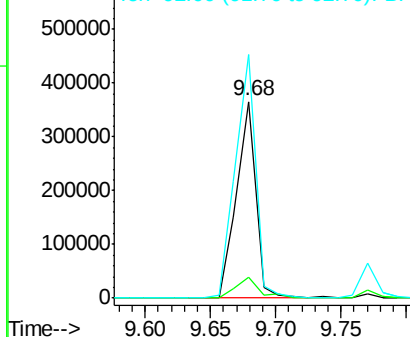
138 100

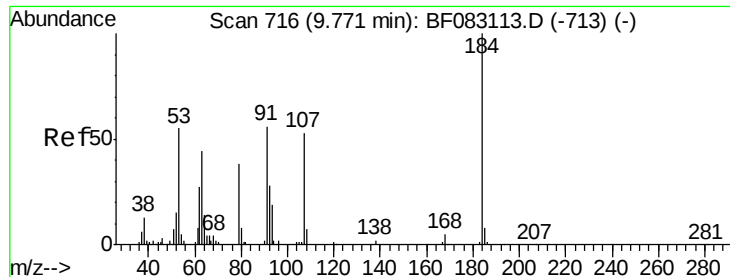
108 10.6 9.4 14.0

92 123.8 115.2 172.8



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





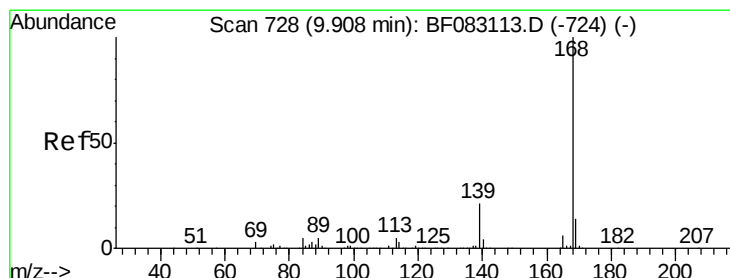
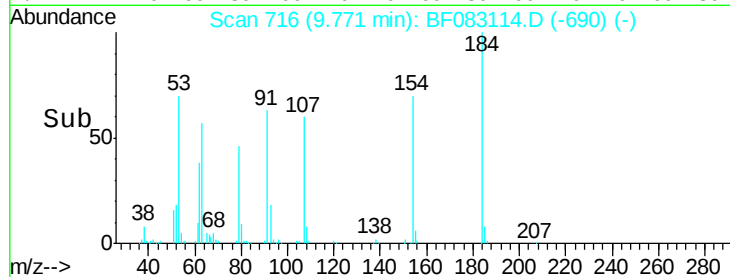
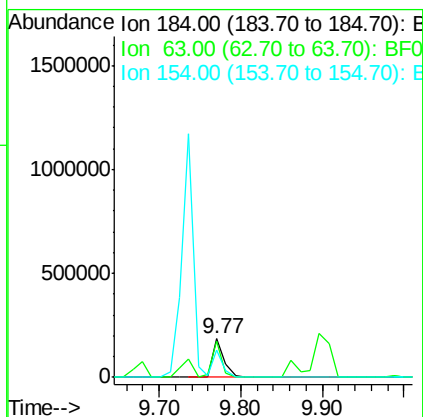
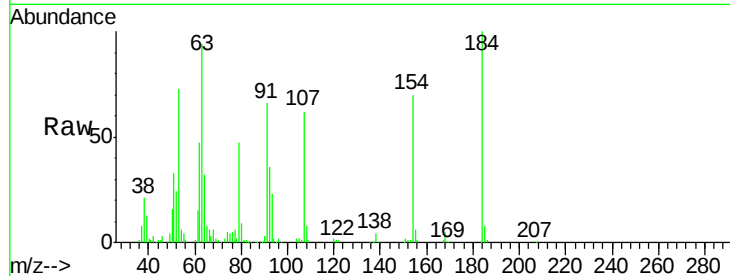
#53
2,4-Dinitrophenol
Concen: 50.72 ng
RT: 9.77 min Scan# 716
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
184	100	182713		
63	94.2	30.4	45.6#	
154	70.0	44.9	67.3#	

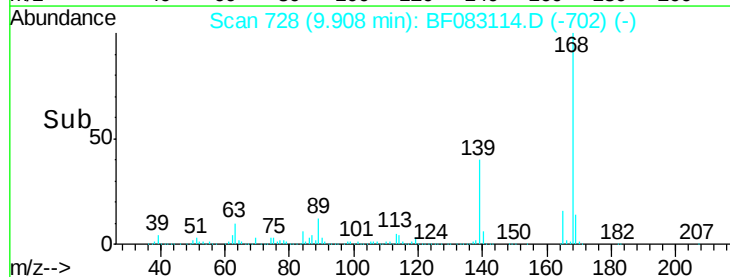
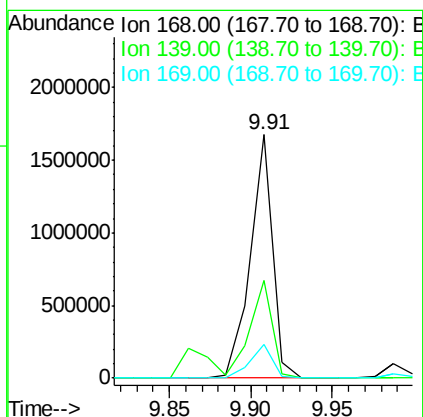
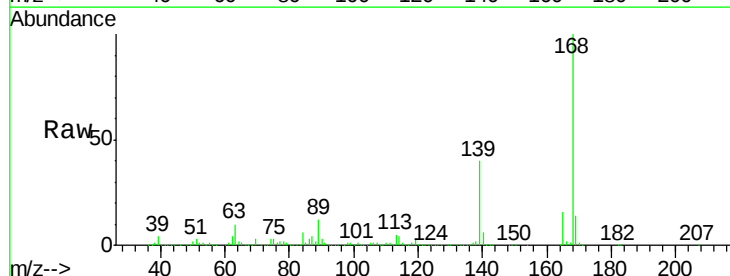
Manual Integrations
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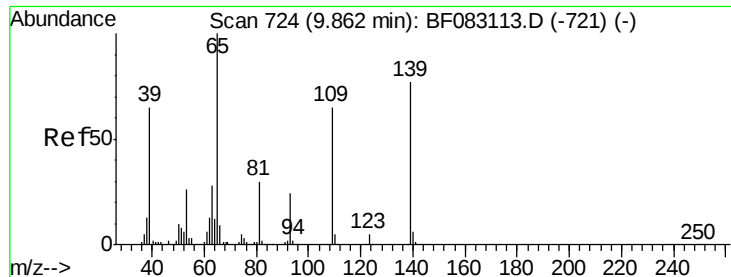
Mmdadoda
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#54
Dibenzofuran
Concen: 50.25 ng
RT: 9.91 min Scan# 728
Delta R.T. -0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	1574460		
139	40.1	33.5	50.3	
169	14.0	11.2	16.8	





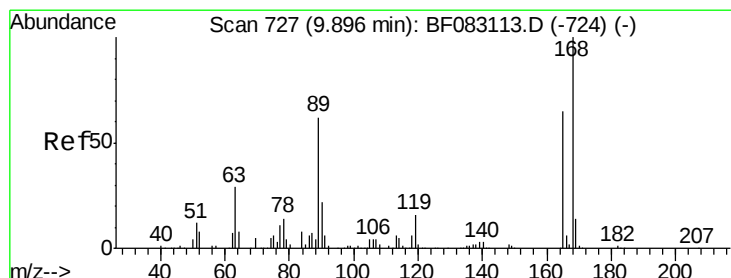
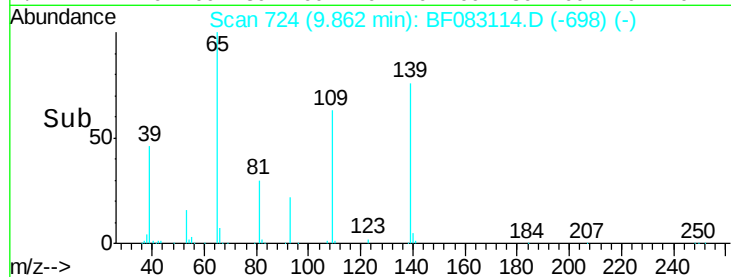
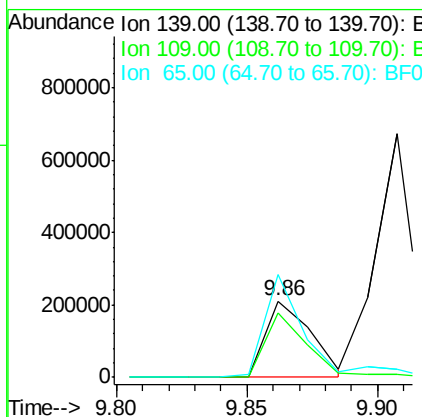
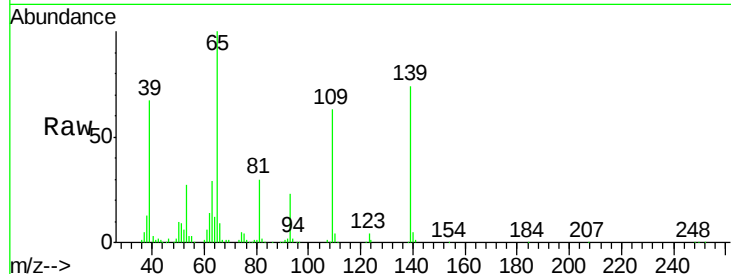
#55
4-Nitrophenol
Concen: 50.06 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
139	100	255905		
109	85.3	54.6	94.6	
65	135.4	74.4	114.4	

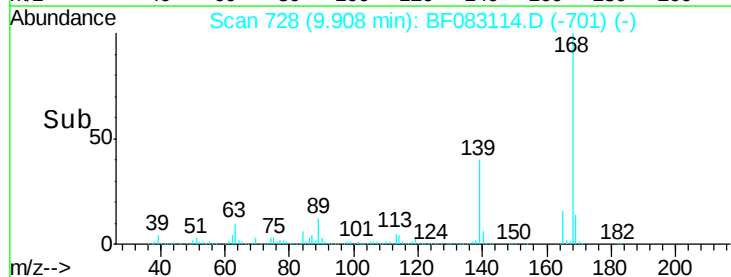
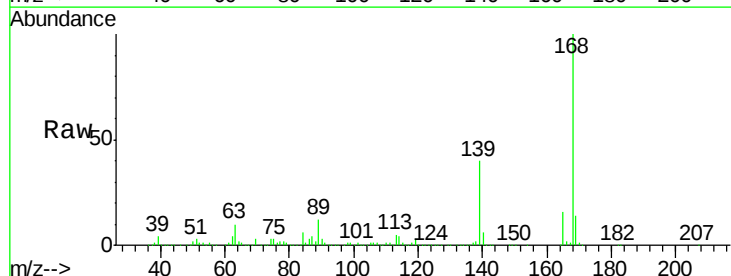
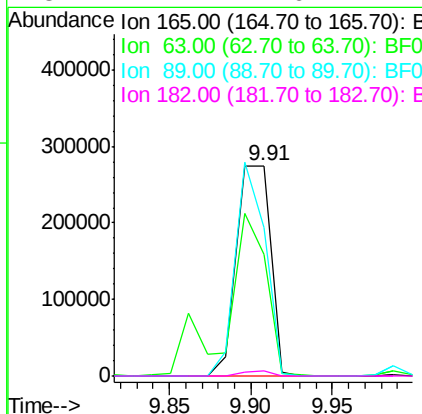
Manual Integrations
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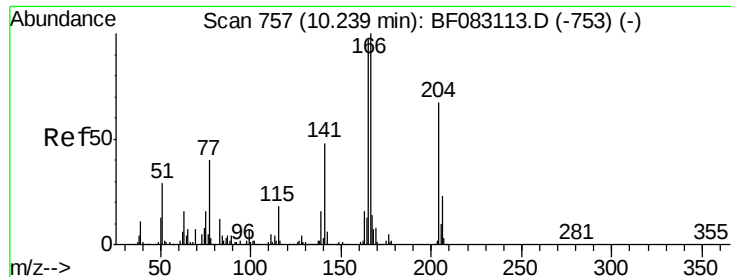
Mmdadoda
11/23/2015 7:01:21 PM



#56
2,4-Dinitrotoluene
Concen: 50.09 ng
RT: 9.91 min Scan# 728
Delta R.T. 0.01 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	396789		
63	58.1	40.6	61.0	
89	70.4	64.4	96.6	
182	2.2	1.6	2.4	





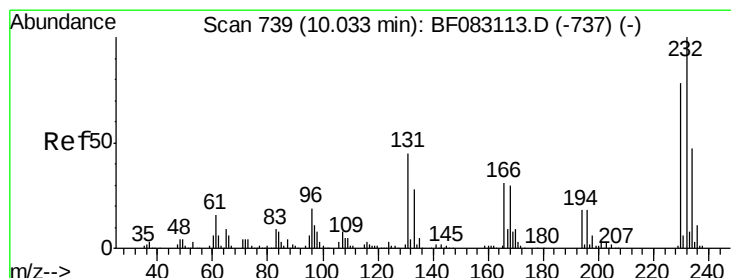
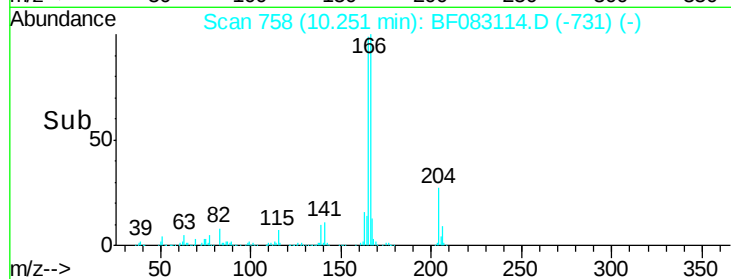
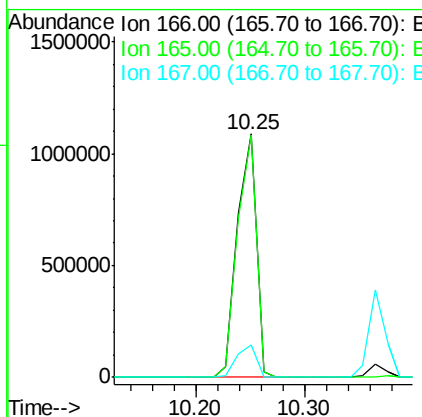
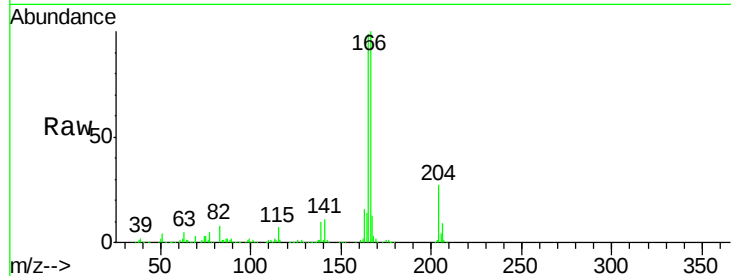
#57
Fluorene
 Concen: 50.43 ng
 RT: 10.25 min Scan# 758
 Delta R.T. 0.01 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC050

Tot Ion:	166	Resp:	1305527
Ion Ratio	Lower	Upper	
166	100		
165	99.3	77.1	115.7
167	13.5	11.0	16.4

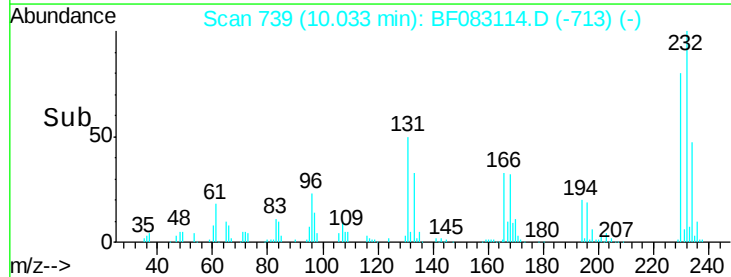
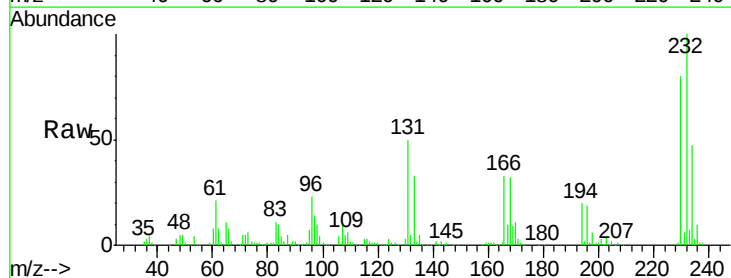
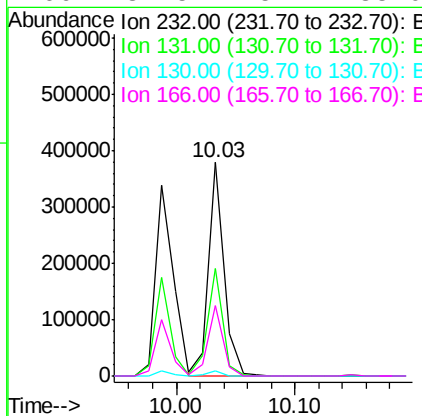
Manual Integrations
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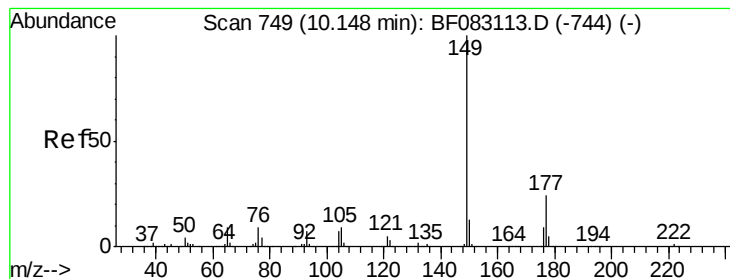
Mmdadoda
 11/23/2015 7:01:21 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 49.27 ng
 RT: 10.03 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Tgt Ion:	232	Resp:	345708
Ion Ratio	Lower	Upper	
232	100		
131	48.9	36.5	54.7
130	2.5	1.8	2.6
166	32.5	25.4	38.0





#59

Diethylphthalate

Concen: 51.57 ng

RT: 10.15 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:149 Resp: 1409843

Ion Ratio Lower Upper

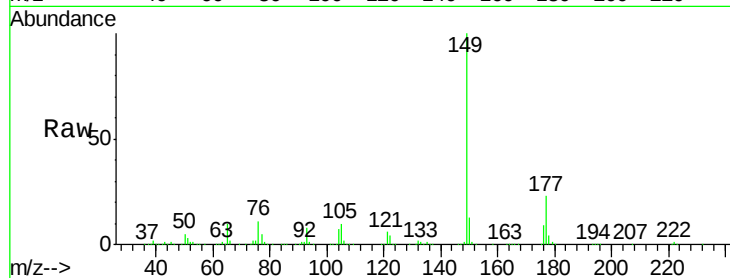
149 100

177 22.9 17.4 26.2

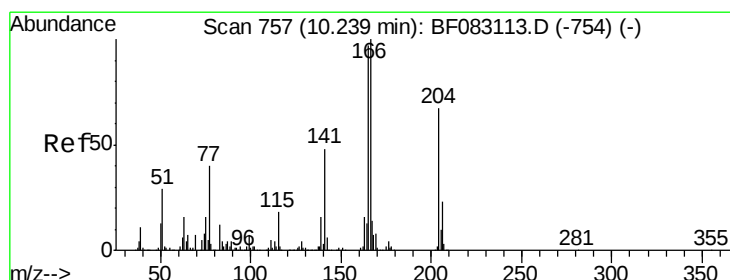
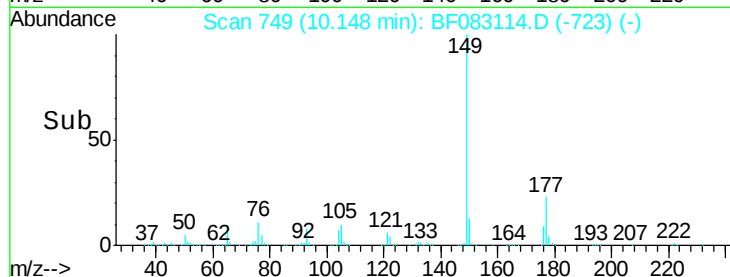
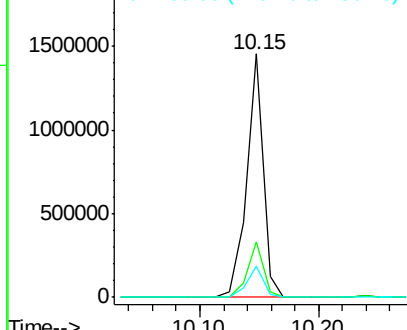
150 13.1 10.2 15.2

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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: 47.30 ng

RT: 10.24 min Scan# 757

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

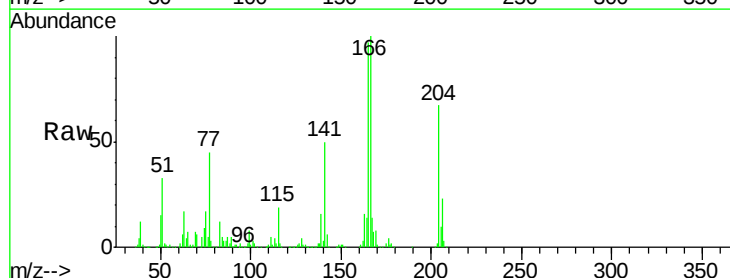
Tgt Ion:204 Resp: 556858

Ion Ratio Lower Upper

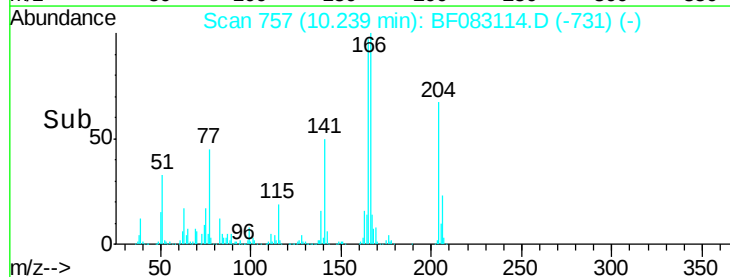
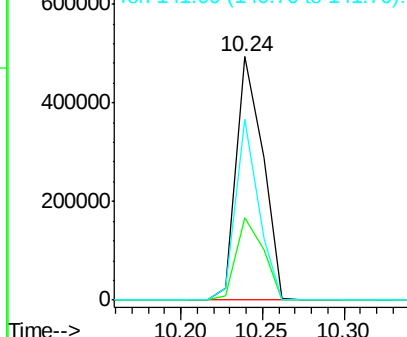
204 100

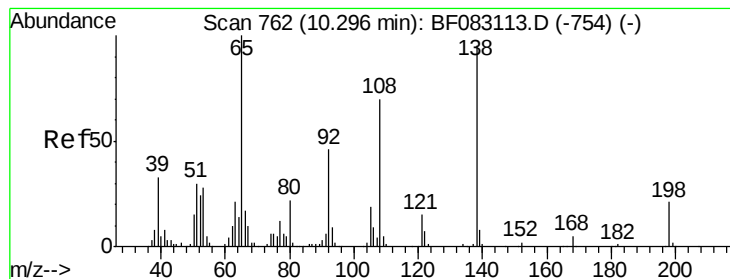
206 33.9 28.2 42.4

141 74.1 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





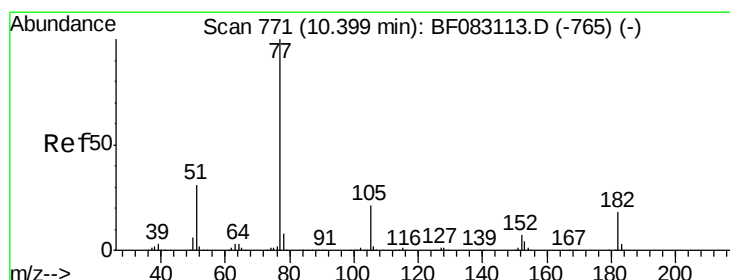
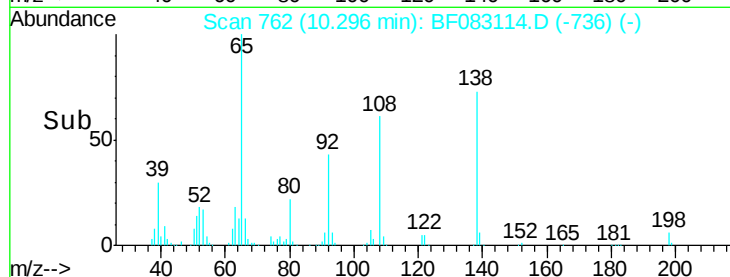
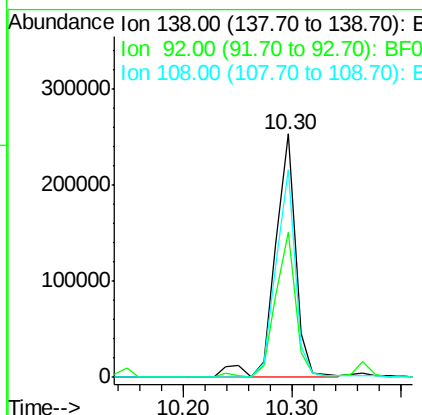
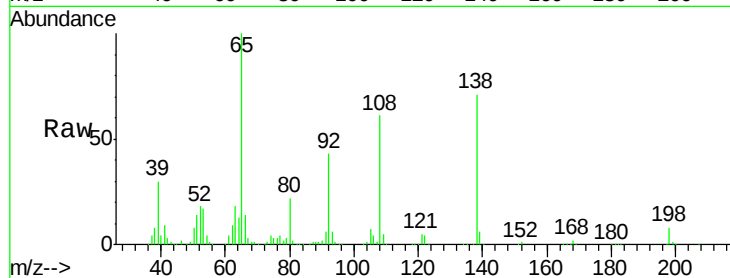
#61
4-Nitroaniline
Concen: 49.50 ng
RT: 10.30 min Scan# 762
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tot Ion	Ratio	Lower	Upper
138	100		
92	59.7	36.4	76.4
108	85.3	59.6	99.6

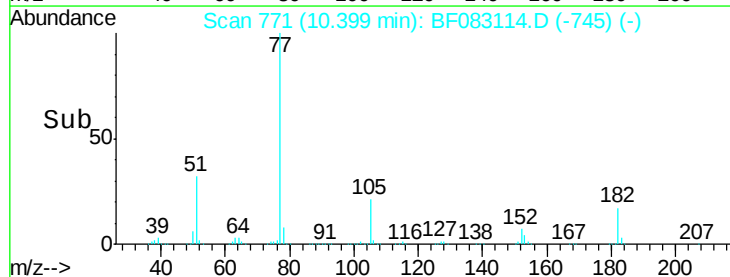
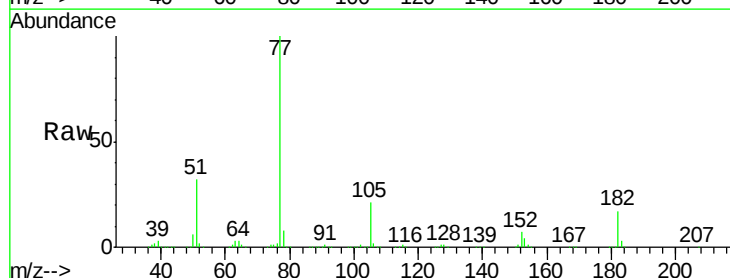
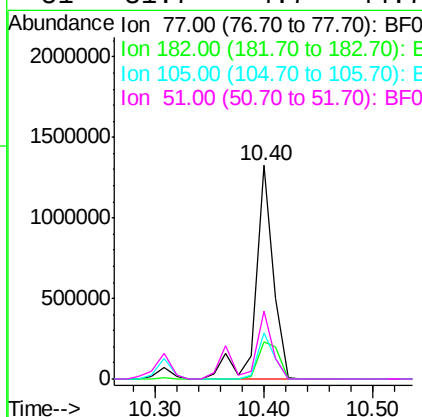
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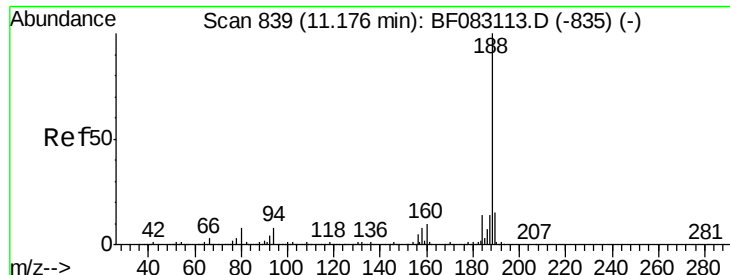
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#62
Azobenzene
Concen: 48.52 ng
RT: 10.40 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.2	10.8	50.8
105	21.3	3.4	43.4
51	31.7	4.7	44.7





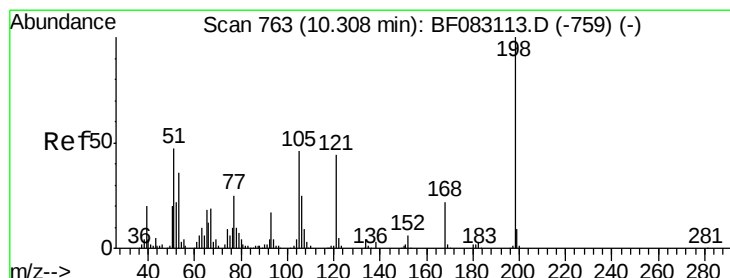
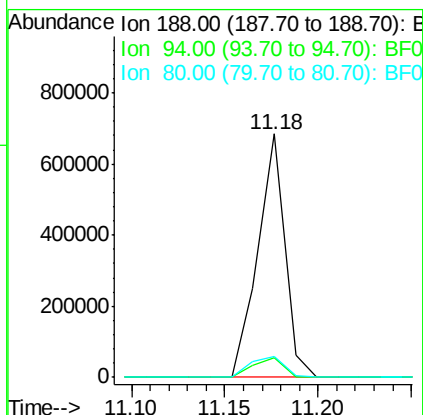
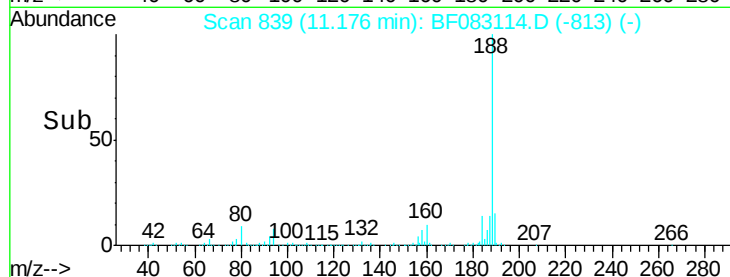
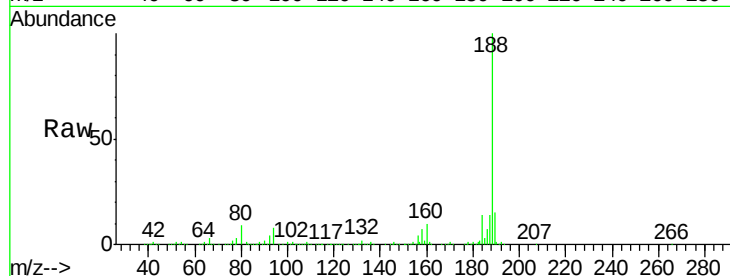
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.18 min Scan# 839
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	9.0	13.4#
80	8.8	10.2	15.4#

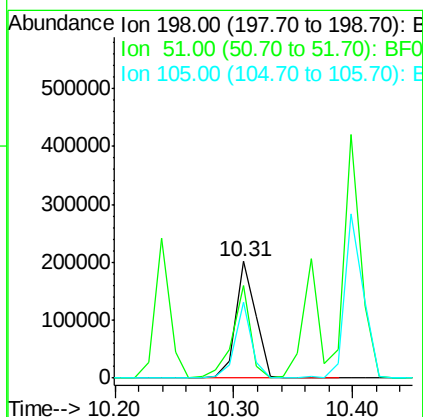
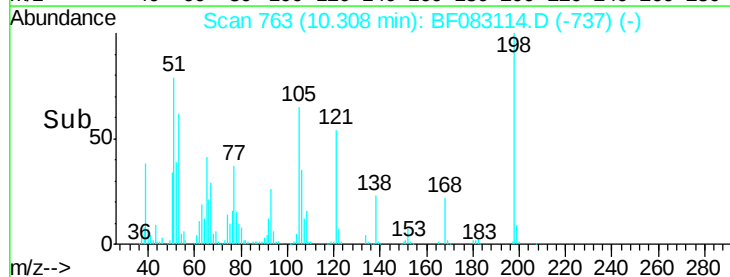
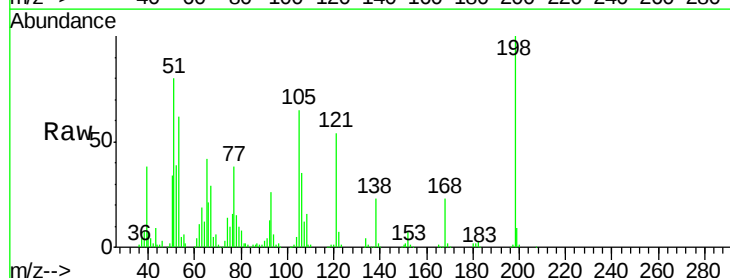
Manual Integrations
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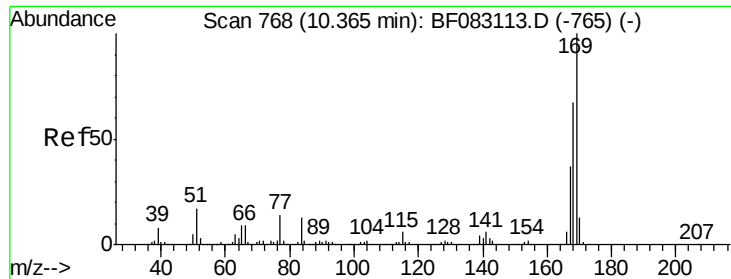
Mmdadoda
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#64
4,6-Dinitro-2-methylphenol
Concen: 48.09 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	79.6	11.1	51.1#
105	64.7	16.5	56.5#





#65

n-Nitrosodiphenylamine

Concen: 46.43 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:169 Resp: 1065732

Ion Ratio Lower Upper

169 100

168 68.3 54.2 81.2

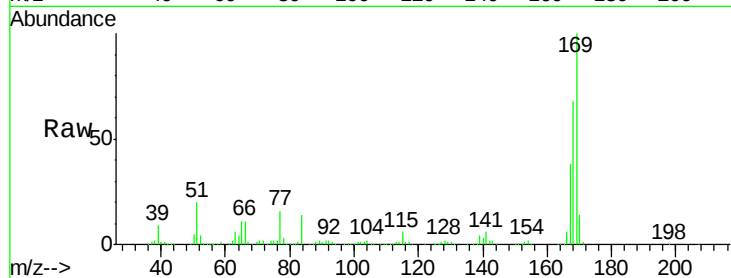
167 38.1 29.5 44.3

Manual Integrations

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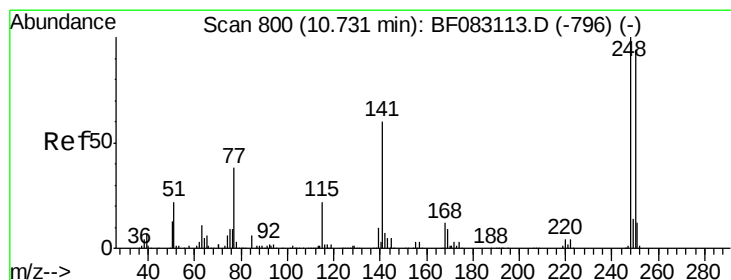
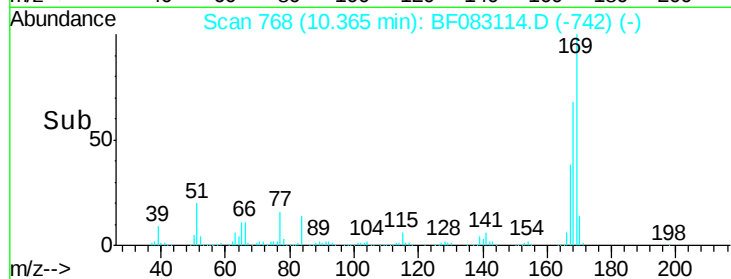
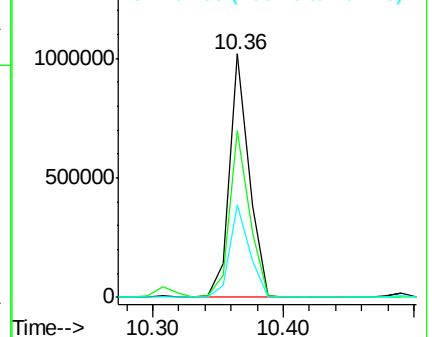
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.96 ng

RT: 10.73 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

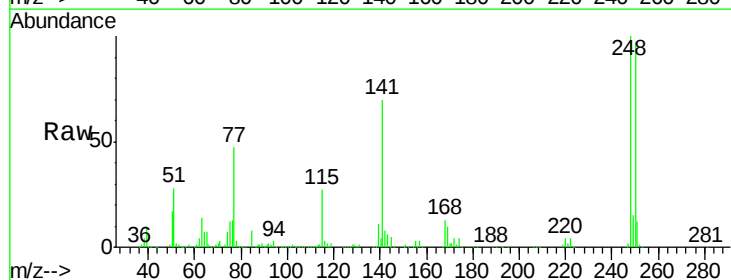
Tgt Ion:248 Resp: 393510

Ion Ratio Lower Upper

248 100

250 97.0 76.1 114.1

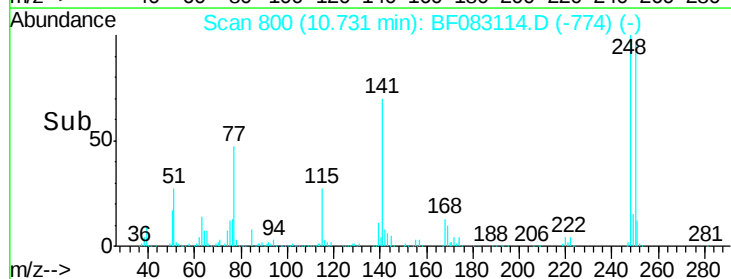
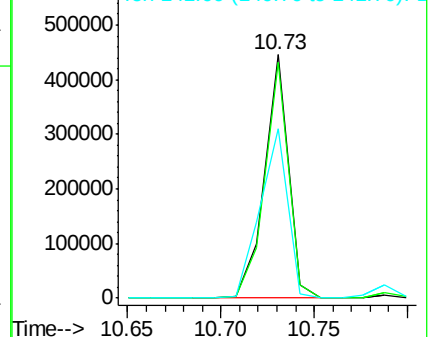
141 69.5 79.2 118.8#

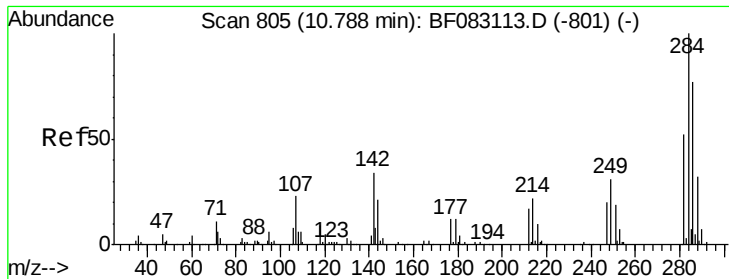


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 47.16 ng

RT: 10.79 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

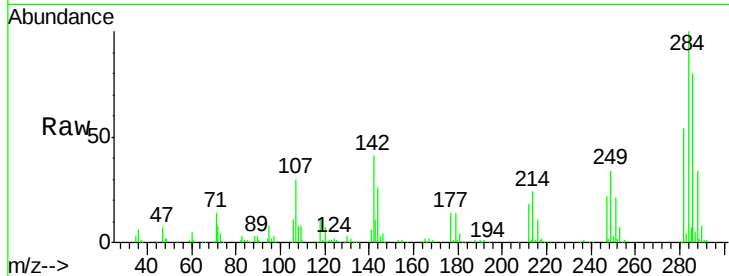
ClientSampleId :

SSTDIC050

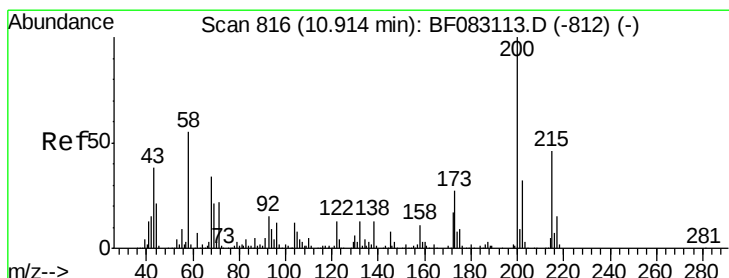
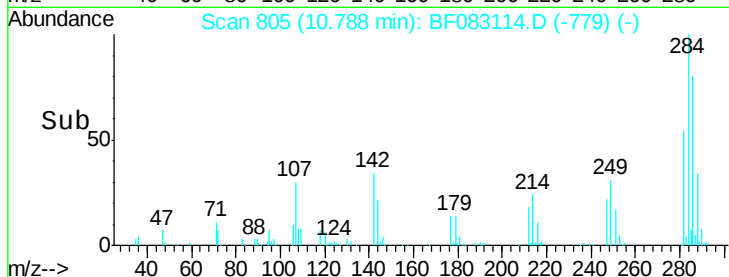
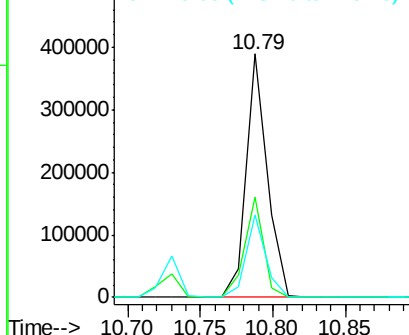
Tot Ion:	284	Resp:	390935
Ion Ratio	Lower	Upper	
284	100		
142	41.3	29.5	44.3
249	33.9	27.2	40.8

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



#68

Atrazine

Concen: 47.78 ng

RT: 10.91 min Scan# 816

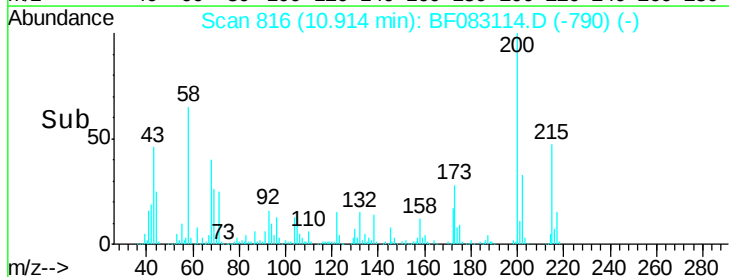
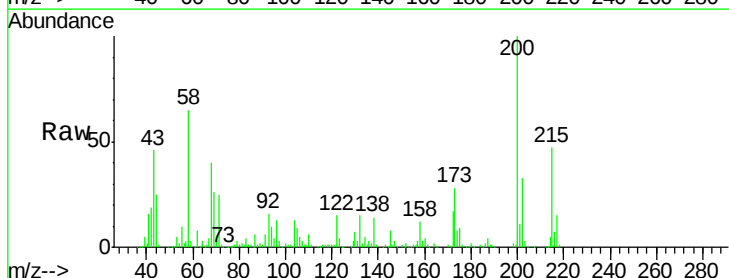
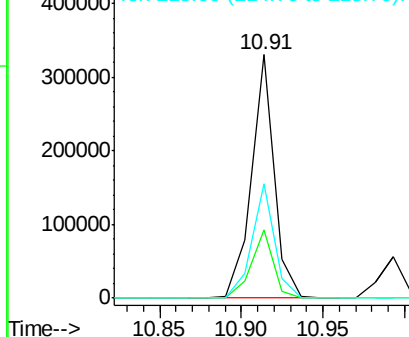
Delta R.T. 0.00 min

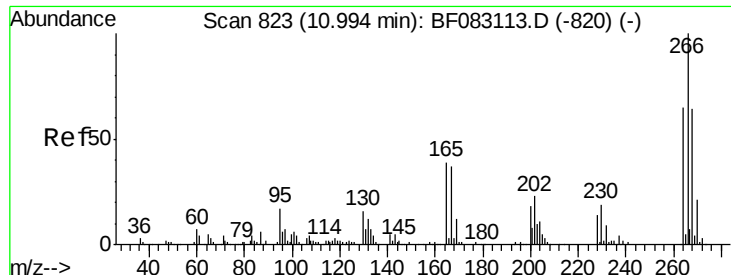
Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Tgt Ion:	200	Resp:	320232
Ion Ratio	Lower	Upper	
200	100		
173	27.8	4.9	44.9
215	47.0	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





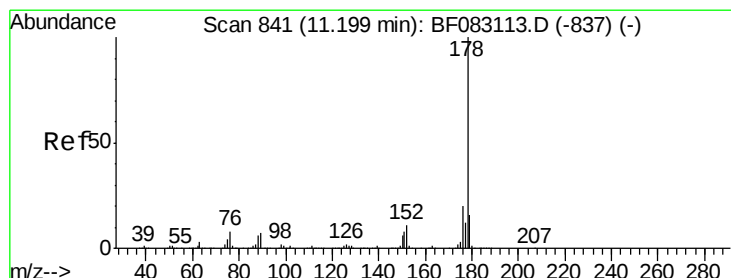
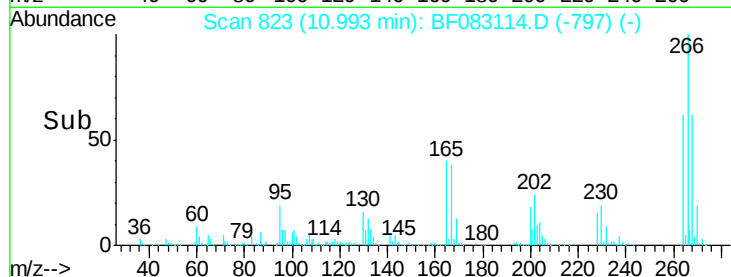
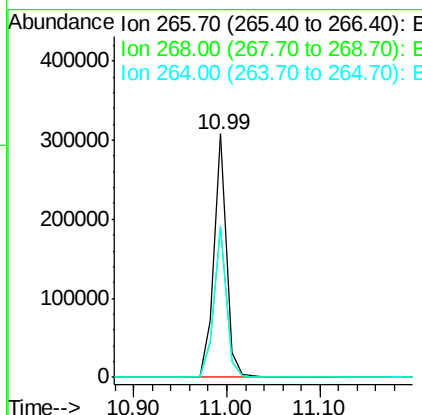
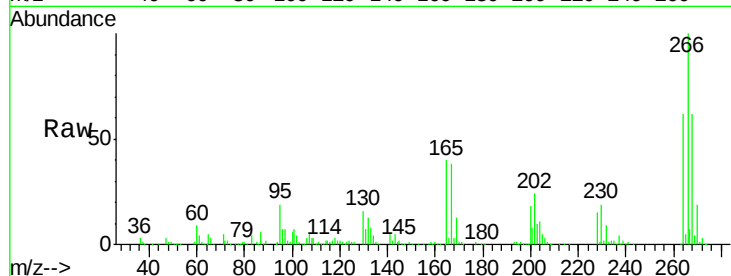
#69
 Pentachlorophenol
 Concen: 51.68 ng
 RT: 10.99 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
266	100	288769		
268	61.6	49.6	74.4	
264	62.1	52.7	79.1	

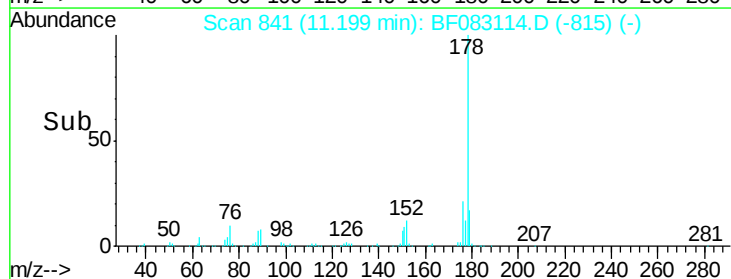
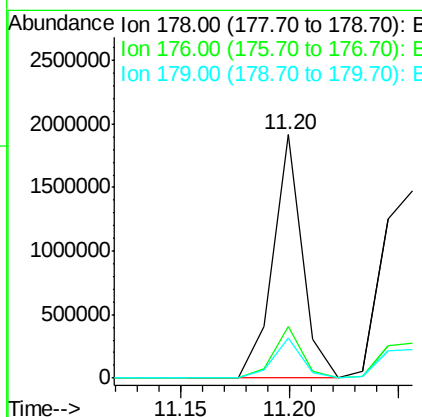
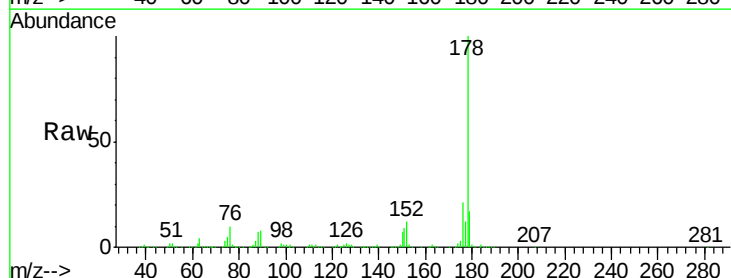
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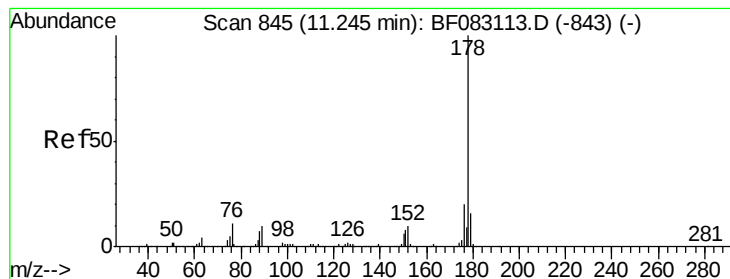
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#70
 Phenanthrene
 Concen: 47.54 ng
 RT: 11.20 min Scan# 841
 Delta R.T. 0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1815284		
176	21.1	15.6	23.4	
179	16.6	12.3	18.5	





#71

Anthracene

Concen: 49.05 ng

RT: 11.26 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:178 Resp: 1937893

Ion Ratio Lower Upper

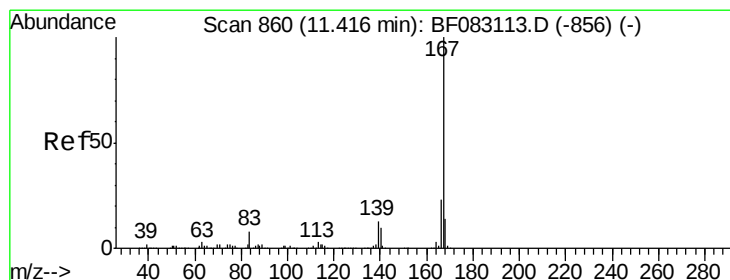
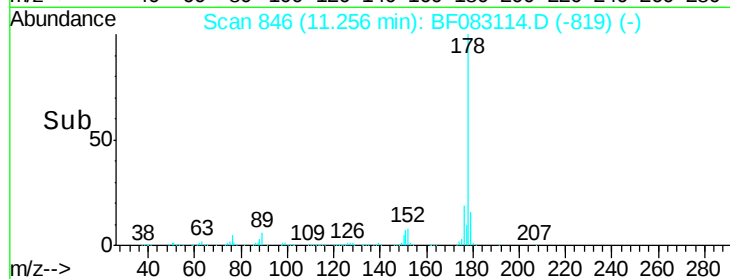
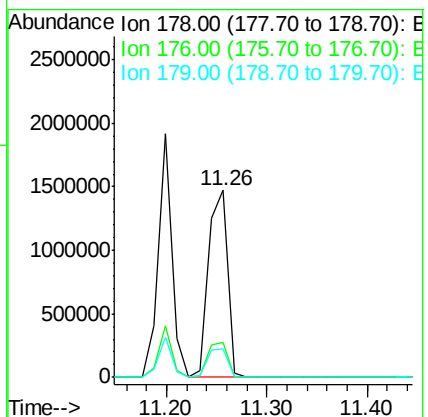
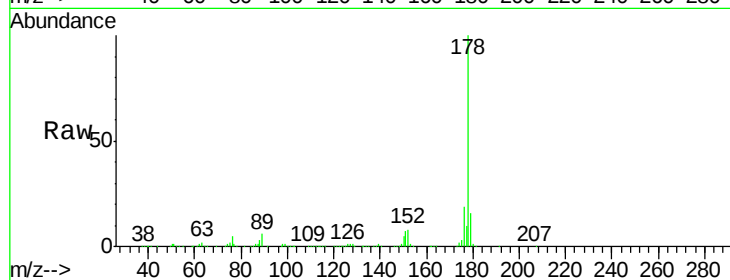
178 100

176 19.0 15.8 23.6

179 15.6 13.1 19.7

Manual Integrations
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#72

Carbazole

Concen: 50.14 ng

RT: 11.42 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

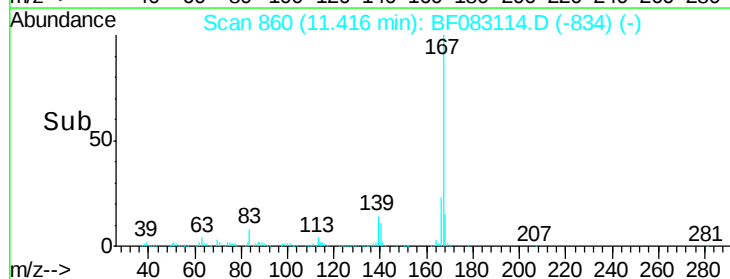
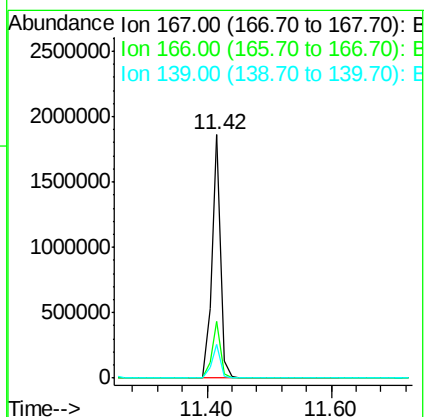
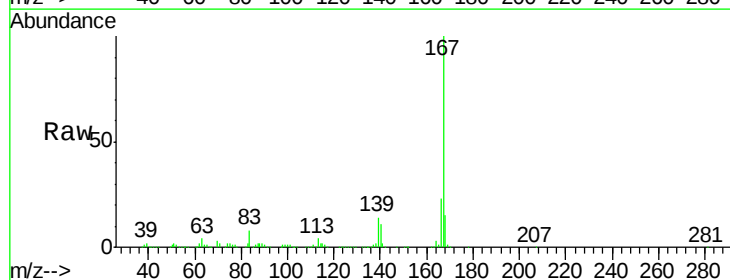
Tgt Ion:167 Resp: 1759072

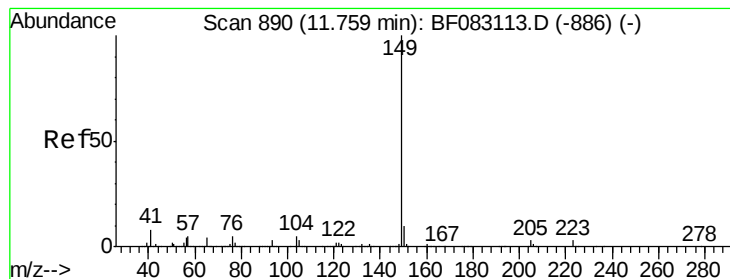
Ion Ratio Lower Upper

167 100

166 23.4 17.8 26.6

139 14.1 11.0 16.4





#73

Di-n-butylphthalate

Concen: 49.70 ng

RT: 11.76 min Scan# 890

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:149 Resp: 2147403

Ion Ratio Lower Upper

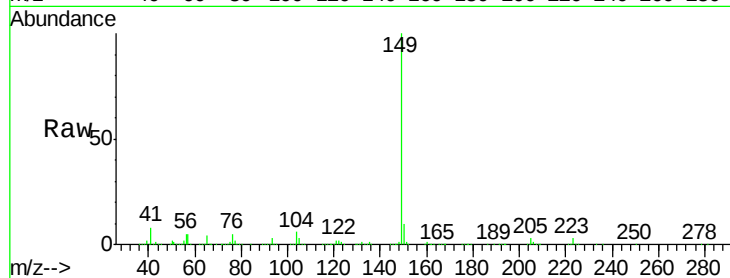
149 100

150 10.1 7.8 11.8

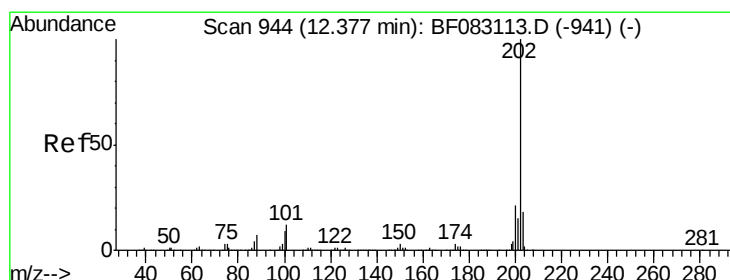
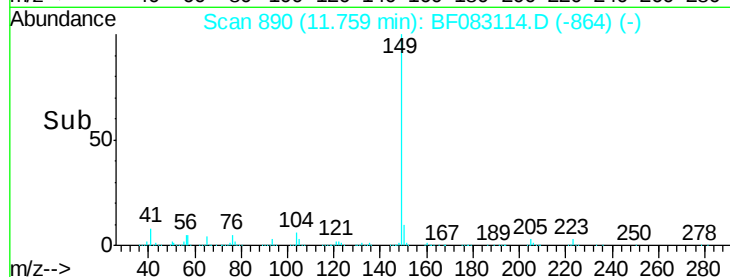
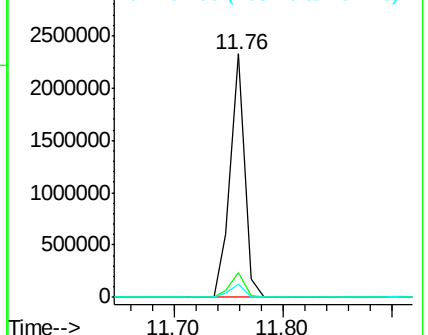
104 5.6 4.3 6.5

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



#74

Fluoranthene

Concen: 46.96 ng

RT: 12.38 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

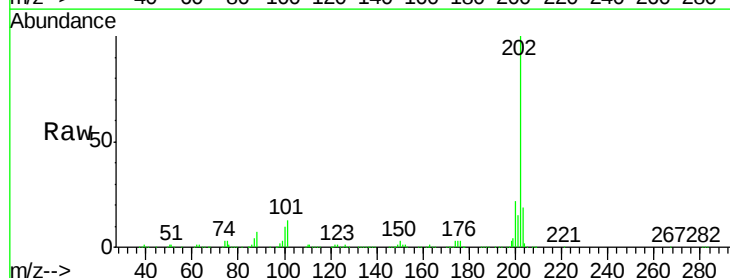
Tgt Ion:202 Resp: 1848429

Ion Ratio Lower Upper

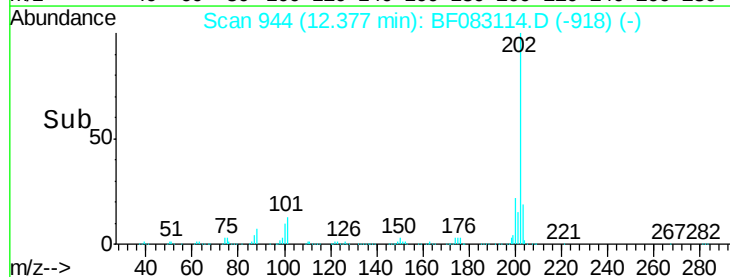
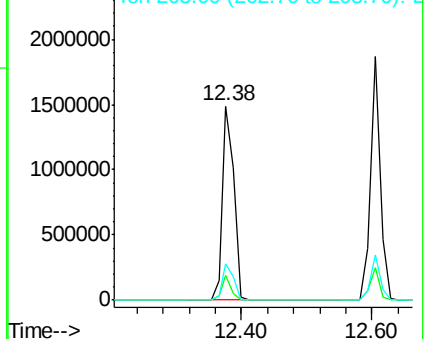
202 100

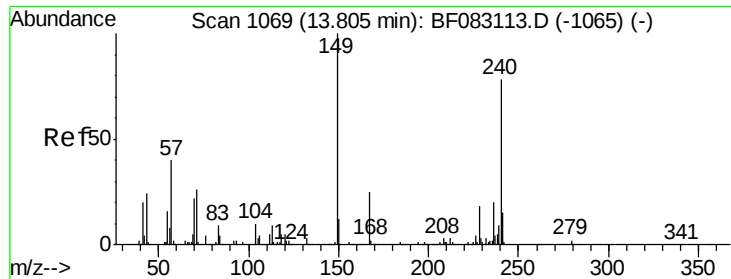
101 13.0 0.0 31.1

203 18.9 0.0 38.4



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.81 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:240 Resp: 575291

Ion Ratio Lower Upper

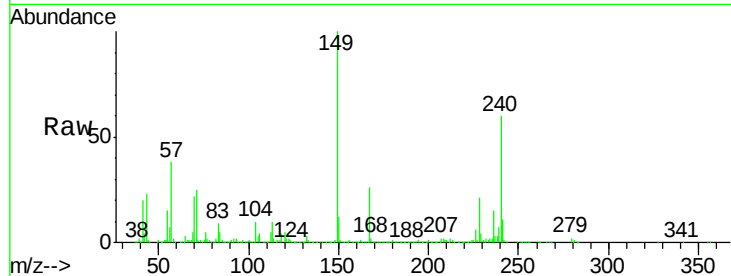
240 100

120 7.8 5.3 7.9

236 25.6 20.4 30.6

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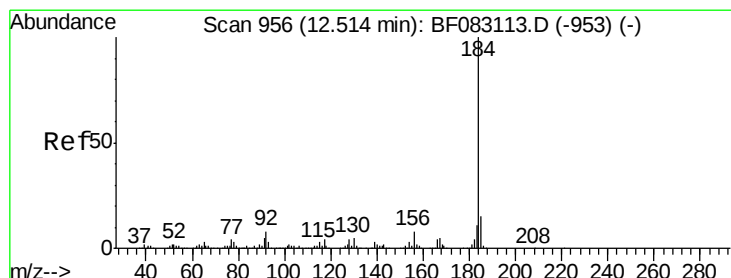
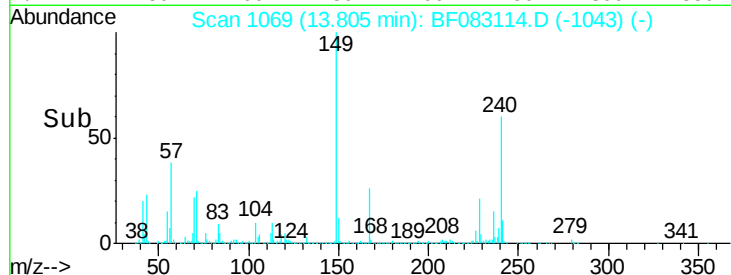
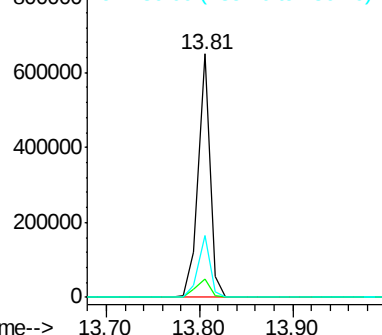
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 51.42 ng

RT: 12.51 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

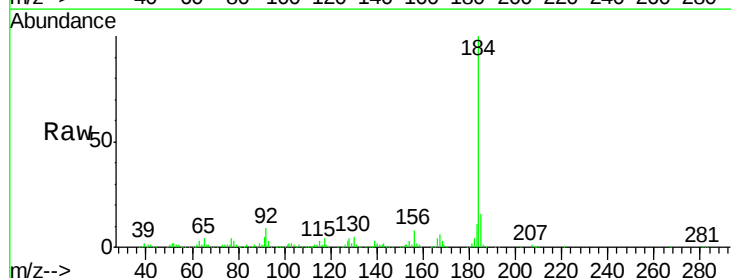
Tgt Ion:184 Resp: 775302

Ion Ratio Lower Upper

184 100

185 15.6 12.6 19.0

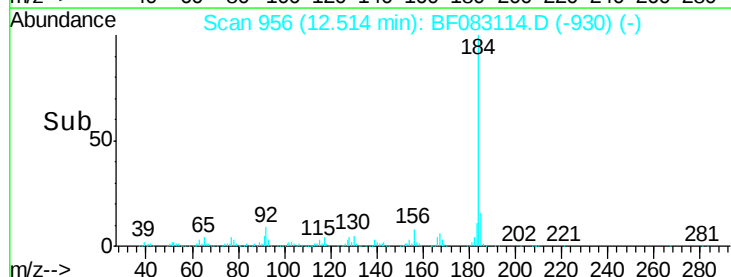
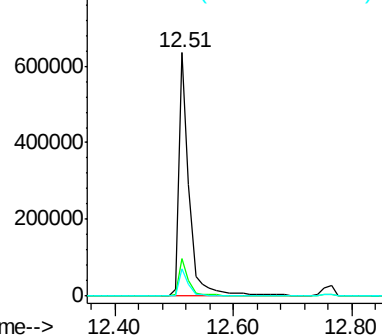
183 11.3 9.0 13.4

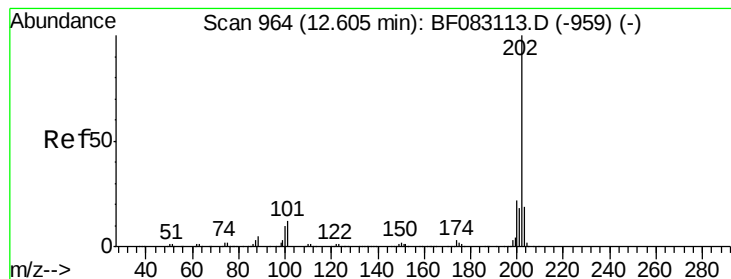


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 48.51 ng

RT: 12.61 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tot Ion:202 Resp: 1879848

Ion Ratio Lower Upper

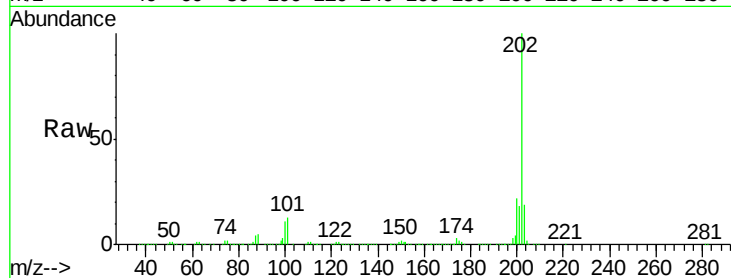
202 100

200 22.3 17.6 26.4

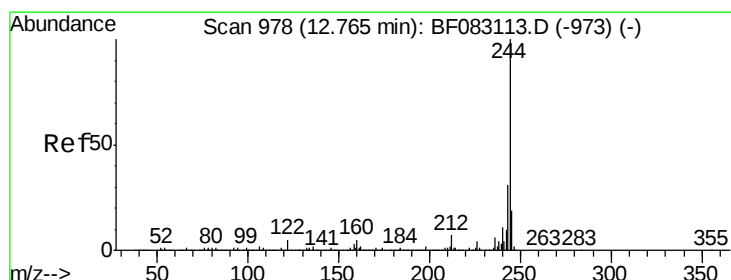
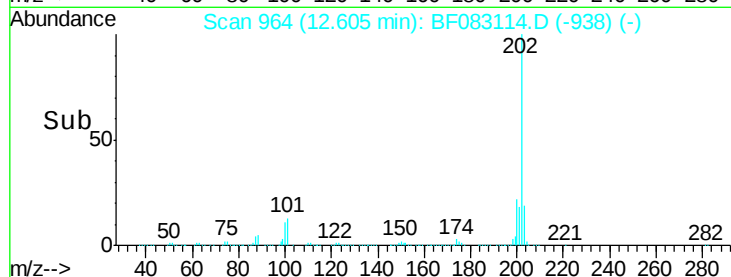
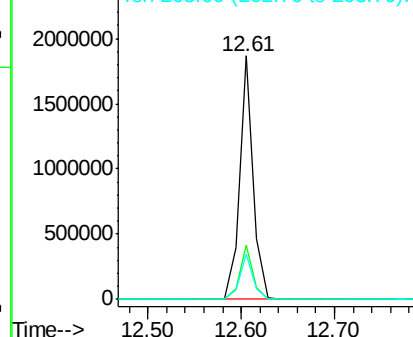
203 18.8 14.6 22.0

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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: 102.33 ng

RT: 12.77 min Scan# 978

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

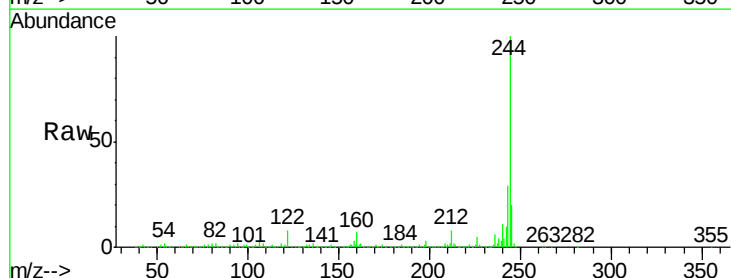
Tgt Ion:244 Resp: 2459540

Ion Ratio Lower Upper

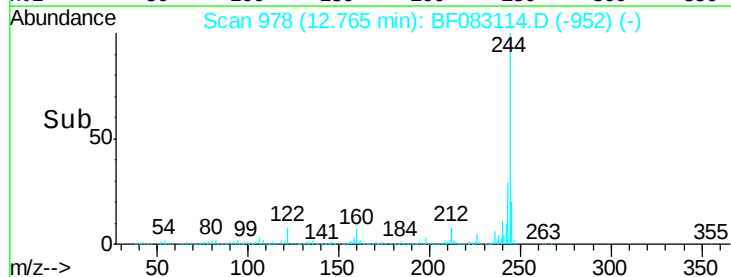
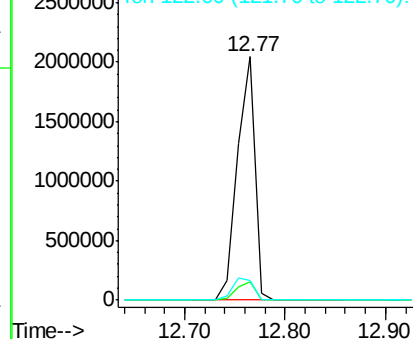
244 100

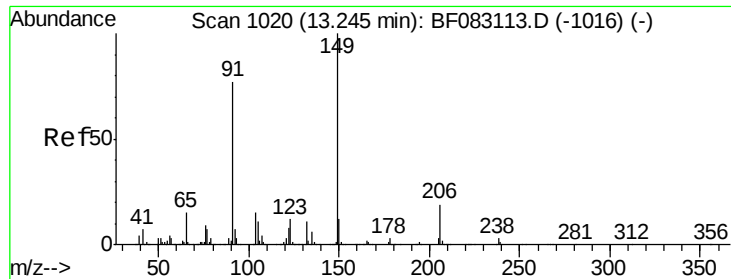
212 7.8 6.4 9.6

122 7.8 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





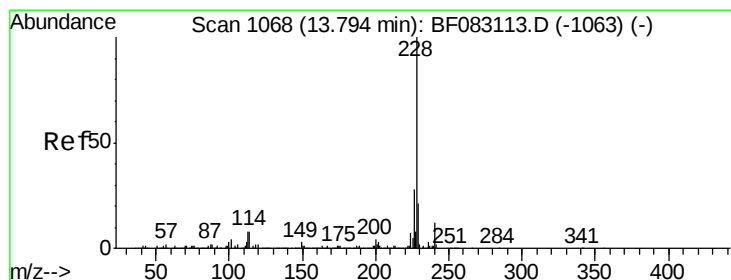
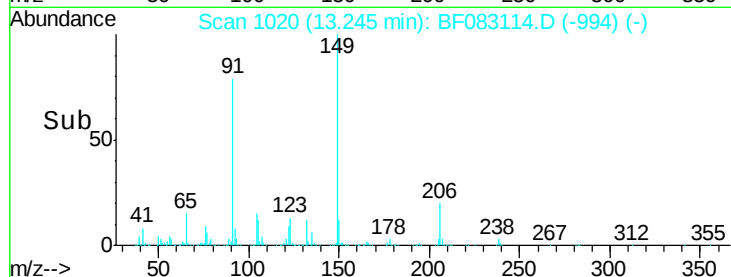
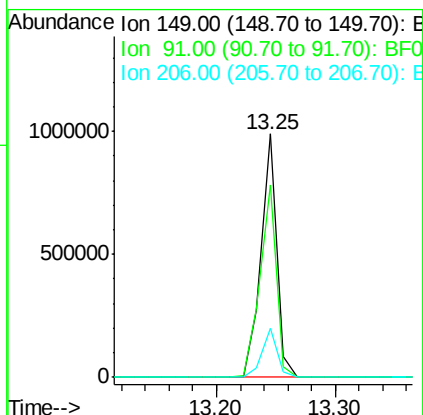
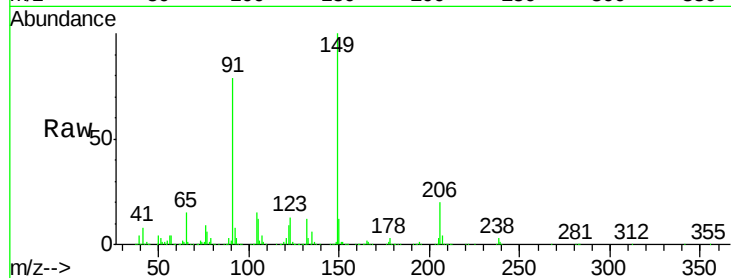
#79
Butylbenzylphthalate
Concen: 49.79 ng
RT: 13.25 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
149	100		
91	79.3	71.9	107.9
206	20.0	13.1	19.7

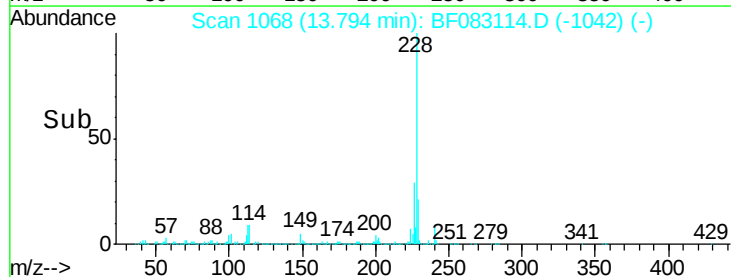
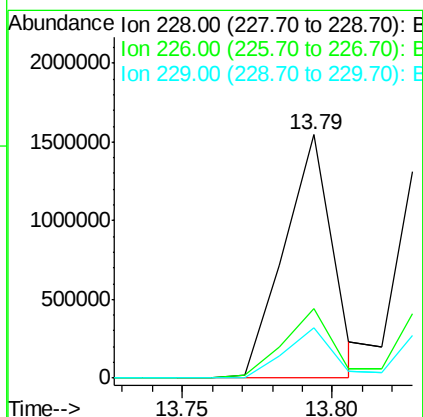
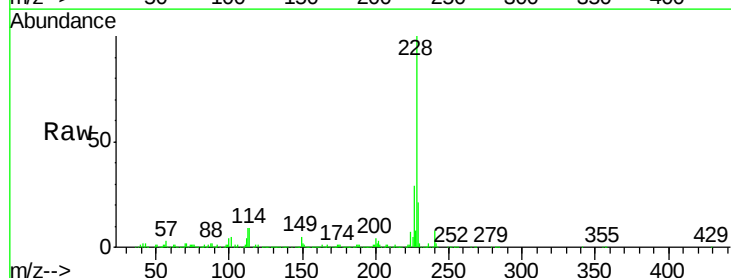
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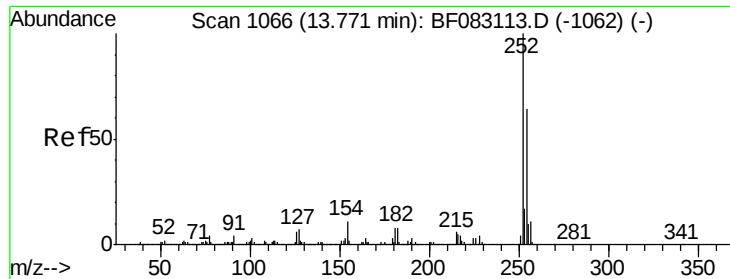
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#80
Benzo(a)anthracene
Concen: 47.29 ng m
RT: 13.79 min Scan# 1068
Delta R.T. -0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.6	34.0
229	20.6	16.1	24.1





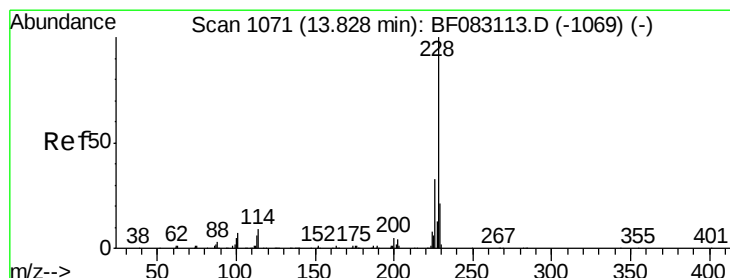
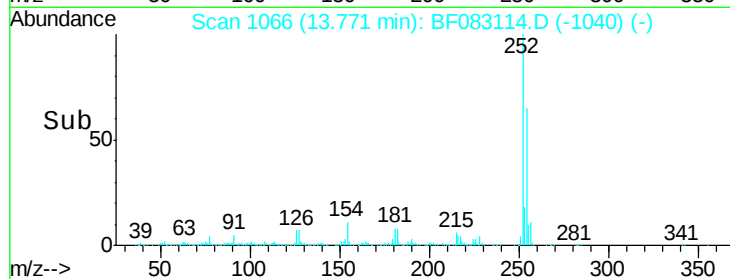
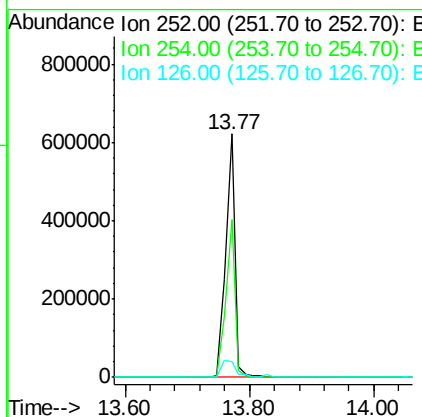
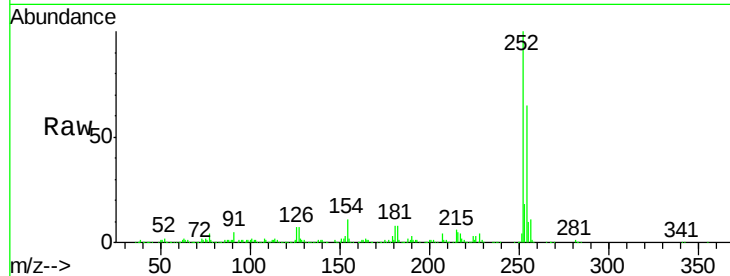
#81
 3,3'-Dichlorobenzidine
 Concen: 51.43 ng
 RT: 13.77 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Resp	Lower	Upper
252	100	637296		
254	64.9	50.6	76.0	
126	6.6	10.2	15.4	

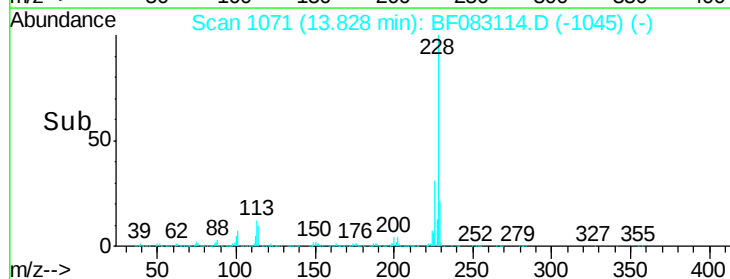
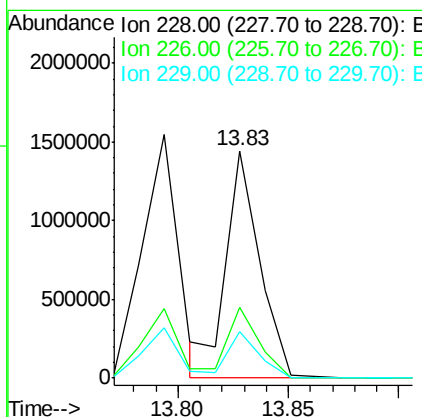
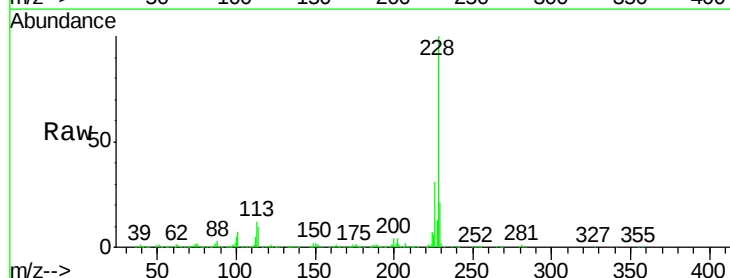
Manual Integrations
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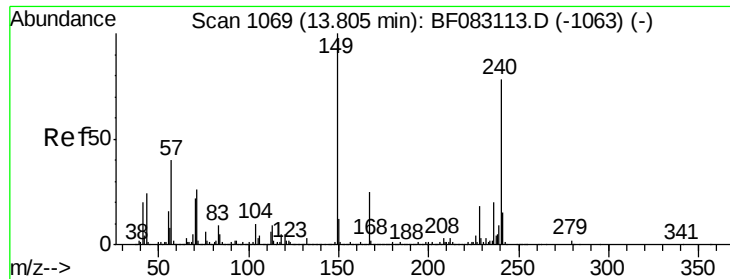
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#82
 Chrysene
 Concen: 49.86 ng m
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1528729		
226	31.2	25.3	37.9	
229	20.7	16.4	24.6	





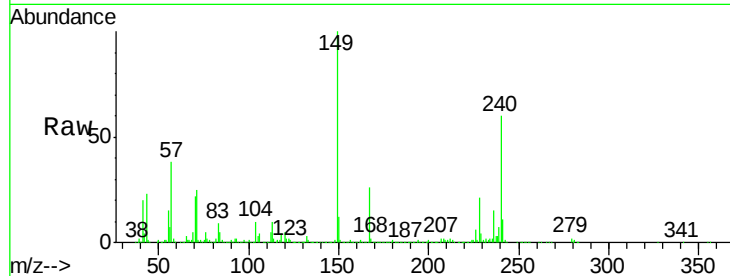
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.77 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.9	31.3
279	2.1	2.0	3.0

Manual Integrations
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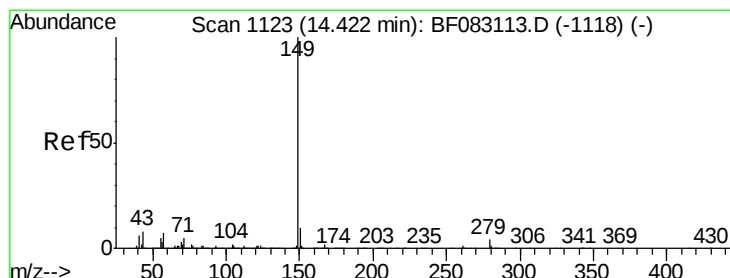
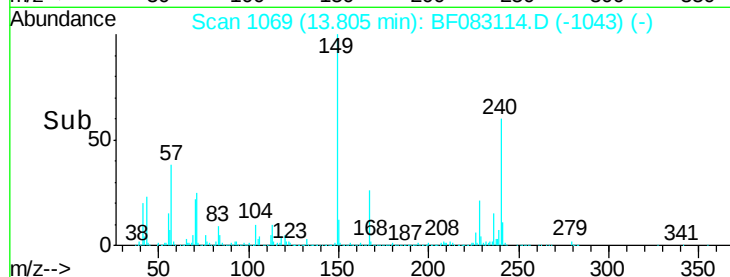
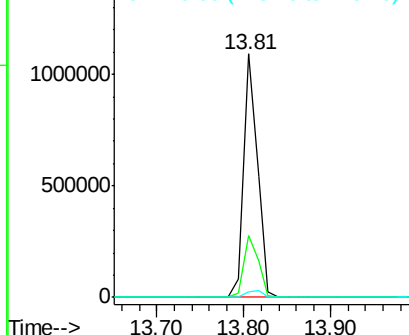


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Di-n-octyl phthalate
 Concen: 49.47 ng
 RT: 14.42 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

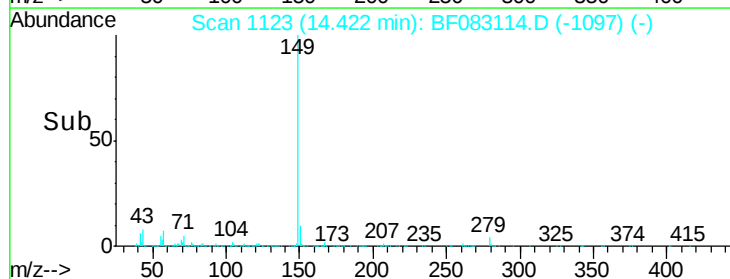
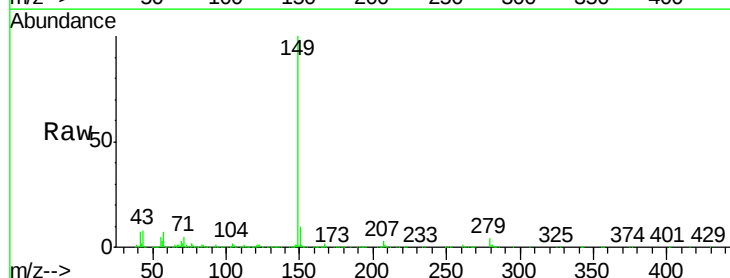
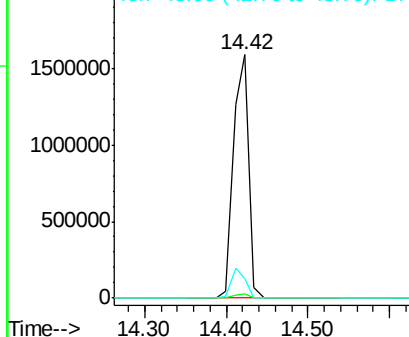
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	11.6	8.8	13.2

Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.69 ng

RT: 16.45 min Scan# 1300

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:276 Resp: 1393107

Ion Ratio Lower Upper

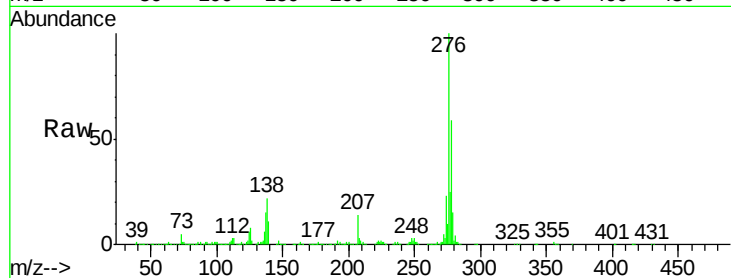
276 100

138 22.5 16.3 24.5

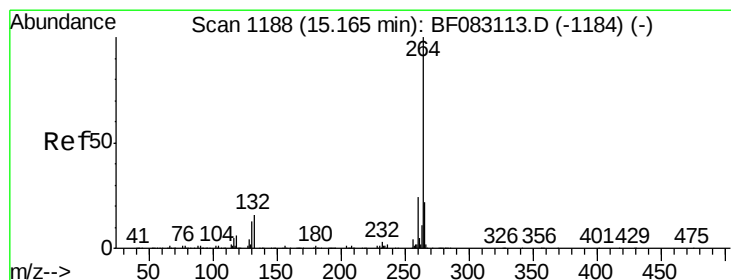
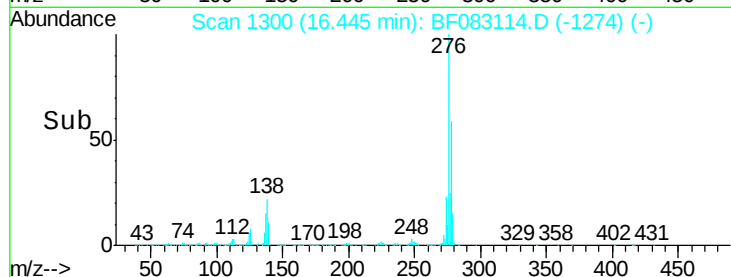
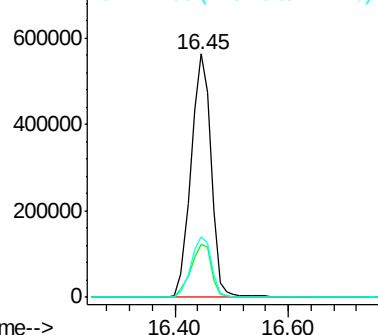
277 25.4 19.8 29.8

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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: BF083114.D

Acq: 21 Nov 2015 15:26

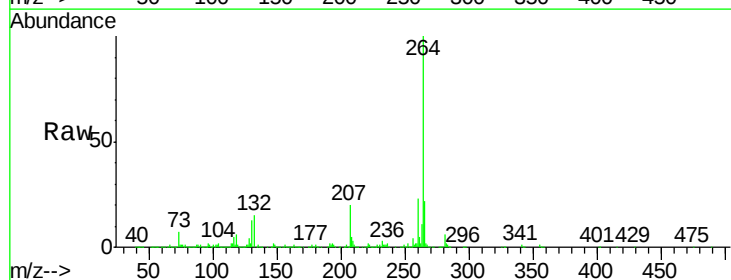
Tgt Ion:264 Resp: 472587

Ion Ratio Lower Upper

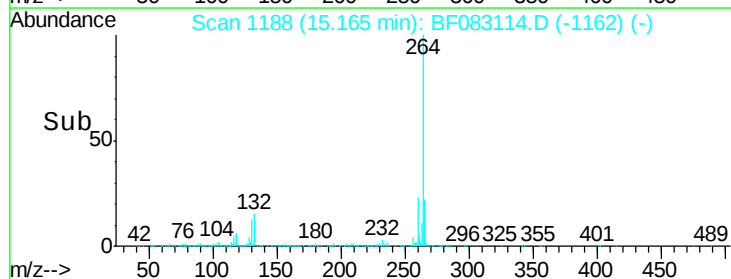
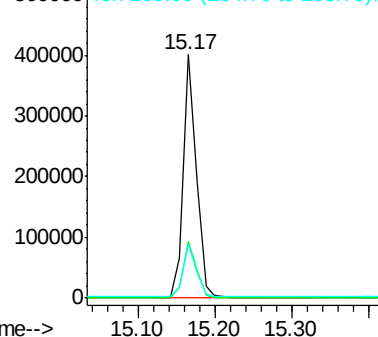
264 100

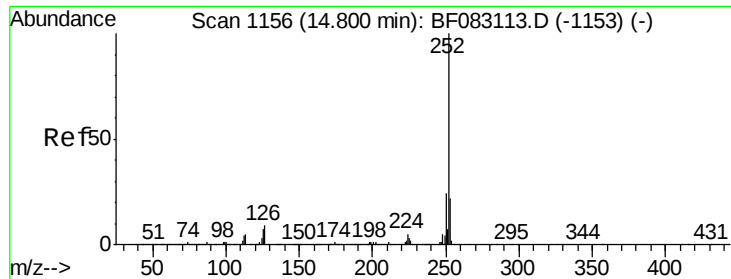
260 23.5 18.6 27.8

265 22.3 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: 49.63 ng m

RT: 14.80 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tot Ion:252 Resp: 1556375

Ion Ratio Lower Upper

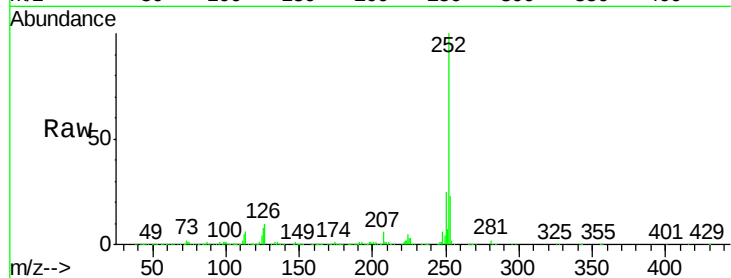
252 100

253 22.7 17.6 26.4

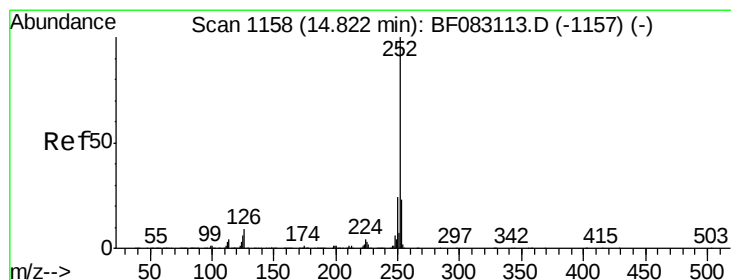
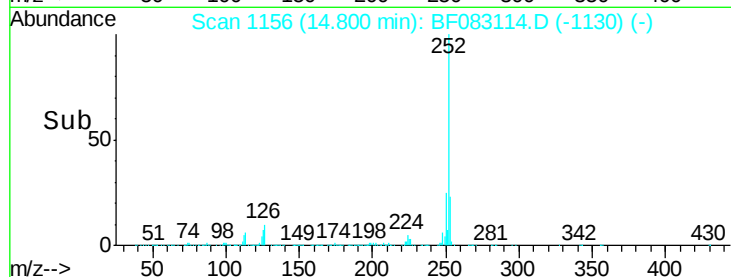
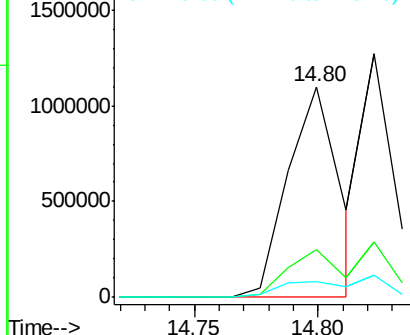
125 7.5 7.7 11.5#

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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: 48.21 ng m

RT: 14.82 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF083114.D

Acq: 21 Nov 2015 15:26

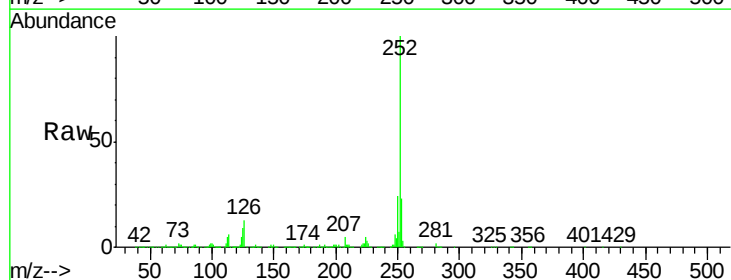
Tgt Ion:252 Resp: 1150168

Ion Ratio Lower Upper

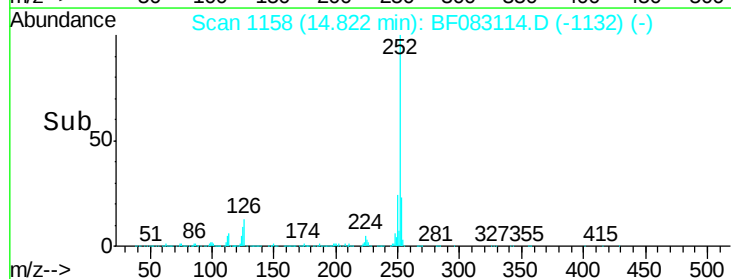
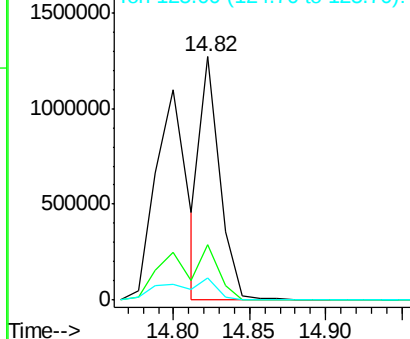
252 100

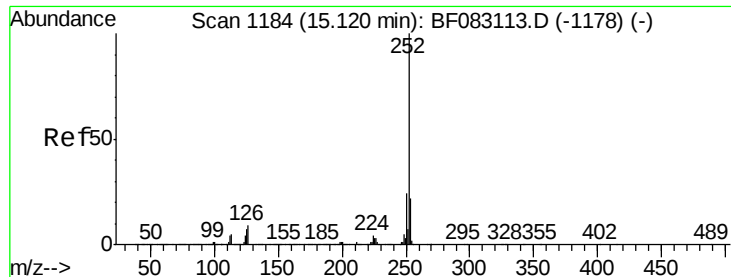
253 22.8 17.8 26.6

125 9.0 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





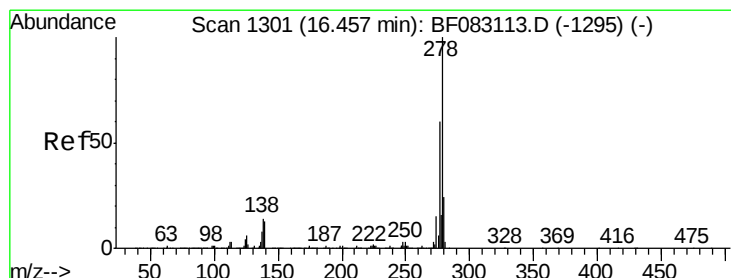
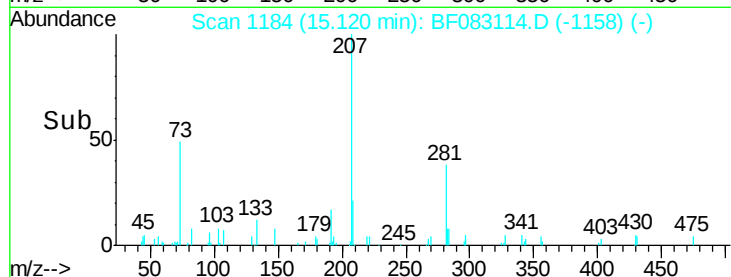
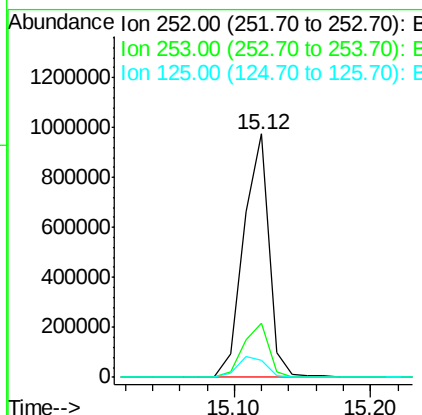
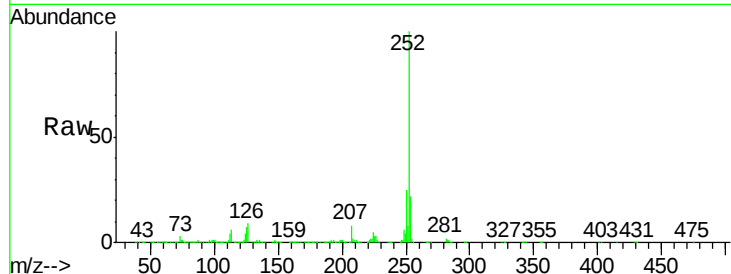
#89
Benzo(a)pyrene
Concen: 49.20 ng m
RT: 15.12 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	7.2	6.4	9.6

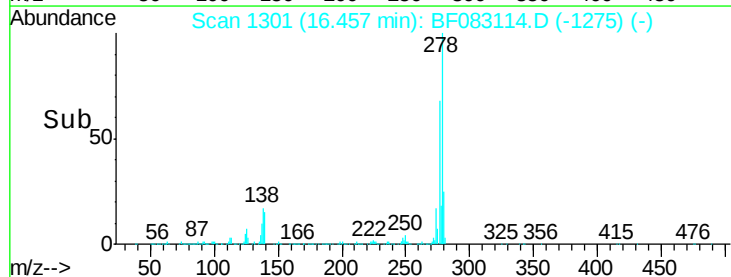
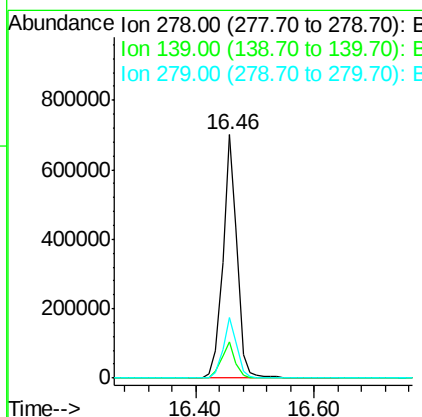
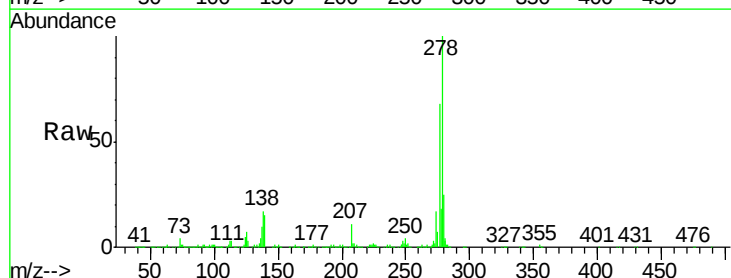
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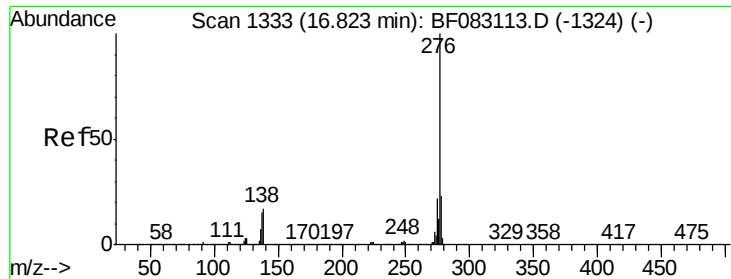
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11/23/2015 7:01:21 PM



#90
Dibenzo(a,h)anthracene
Concen: 48.88 ng
RT: 16.46 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF083114.D
Acq: 21 Nov 2015 15:26

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	9.8	14.8#
279	24.9	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 49.52 ng
 RT: 16.82 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: BF083114.D
 Acq: 21 Nov 2015 15:26

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.6	27.8
138	19.2	12.5	18.7#

Manual Integrations
 APPROVED

Mmdadoda
 11/23/2015 7:01:21 PM

