

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101415\
 Data File : BF082273.D
 Acq On : 14 Oct 2015 00:19
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMdadoda
 10/14/2015 3:51:26 PM

Quant Time: Oct 14 02:33:26 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 14 01:15:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86510	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	343330	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	165804	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	321109	20.00	ng	-0.01
75) Chrysene-d12	14.04	240	251667	20.00	ng	-0.10
86) Perylene-d12	15.54	264	230736	20.00	ng	-0.23

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	355005	82.82	ng	-0.01
7) Phenol-d6	6.47	99	467319	83.78	ng	0.00
23) Nitrobenzene-d5	7.41	82	433415	84.78	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	124792	80.26	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	837946	83.81	ng	0.00
78) Terphenyl-d14	12.96	244	785993	82.76	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.38	88	80398	37.33	ng	99
3) Pyridine	3.09	79	219230	43.77	ng	100
4) n-Nitrosodimethylamine	3.06	42	89309	42.04	ng	97
6) Aniline	6.49	93	306672	42.64	ng	100
8) 2-Chlorophenol	6.61	128	195828	37.42	ng	# 79
9) Benzaldehyde	6.38	77	125575	44.08	ng	96
10) Phenol	6.48	94	277311	43.12	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	214530	39.45	ng	100
12) 1,3-Dichlorobenzene	6.77	146	244044	40.05	ng	99
13) 1,4-Dichlorobenzene	6.85	146	253457	39.83	ng	99
14) 1,2-Dichlorobenzene	6.99	146	216879	35.89	ng	99
15) Benzyl Alcohol	6.97	79	156755	40.71	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	271223	35.81	ng	99
17) 2-Methylphenol	7.10	107	166113	40.14	ng	98
18) Hexachloroethane	7.34	117	80314	36.87	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	137756	35.17	ng	# 84
20) 3+4-Methylphenols	7.25	107	190698	38.67	ng	92
22) Acetophenone	7.25	105	268277	39.50	ng	99
24) Nitrobenzene	7.42	77	206547	37.32	ng	97
25) Isophorone	7.66	82	384169	37.23	ng	99
26) 2-Nitrophenol	7.74	139	114926	41.59	ng	98
27) 2,4-Dimethylphenol	7.78	122	178311	40.05	ng	91
28) bis(2-Chloroethoxy)methane	7.87	93	250567	41.73	ng	99
29) 2,4-Dichlorophenol	7.98	162	182109	40.92	ng	97
30) 1,2,4-Trichlorobenzene	8.06	180	196726	38.35	ng	99
31) Naphthalene	8.14	128	555012	37.29	ng	99
32) Benzoic acid	7.90	122	105173	35.20	ng	96
33) 4-Chloroaniline	8.19	127	249787	40.41	ng	97
34) Hexachlorobutadiene	8.25	225	119782	37.48	ng	97
35) Caprolactam	8.58	113	55273	42.80	ng	# 85
36) 4-Chloro-3-methylphenol	8.69	107	179023	41.14	ng	# 81
37) 2-Methylnaphthalene	8.83	142	421349	40.84	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	188034	38.13	ng	99
40) Hexachlorocyclopentadiene	8.98	237	29603	18.94	ng	100

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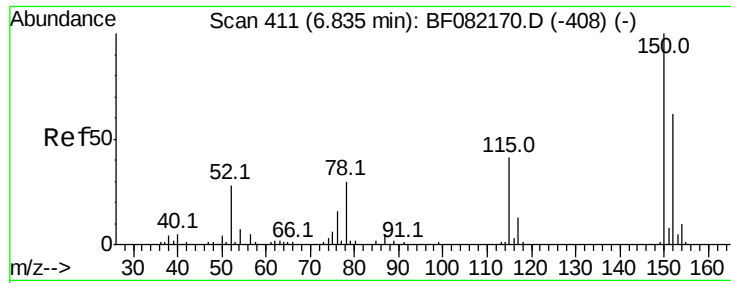
Manual Integrations
 APPROVED

MMdadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	127848	39.03	nq	99
43) 2,4,5-Trichlorophenol	9.15	196	140731	39.66	nq	# 93
45) 1,1'-Biphenyl	9.30	154	507529	40.14	nq	95
46) 2-Chloronaphthalene	9.33	162	408417	41.03	nq	98
47) 2-Nitroaniline	9.43	65	126668	46.36	nq	# 77
48) Acenaphthylene	9.74	152	598941	38.63	nq	100
49) Dimethylphthalate	9.60	163	430390	36.86	nq	99
50) 2,6-Dinitrotoluene	9.67	165	93288	37.87	nq	# 81
51) Acenaphthene	9.91	154	338247	36.34	nq	99
52) 3-Nitroaniline	9.84	138	118904	42.73	nq	88
53) 2,4-Dinitrophenol	9.94	184	11539	14.11	nq	# 52
54) Dibenzofuran	10.08	168	495832	38.80	nq	98
55) 4-Nitrophenol	10.00	139	67437	42.93	nq	# 73
56) 2,4-Dinitrotoluene	10.07	165	117372	38.12	nq	# 84
57) Fluorene	10.42	166	384519	36.63	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	117350	40.48	nq	95
59) Diethylphthalate	10.30	149	419016	38.50	nq	98
60) 4-Chlorophenyl-phenylether	10.42	204	193918	40.33	nq	# 81
61) 4-Nitroaniline	10.46	138	124130	45.99	nq	97
62) Azobenzene	10.58	77	414155	38.88	nq	86
64) 4,6-Dinitro-2-methylphenol	10.48	198	25350	14.07	nq	82
65) n-Nitrosodiphenylamine	10.54	169	352718	36.69	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	119118	37.07	nq	# 81
67) Hexachlorobenzene	10.97	284	133049	38.28	nq	# 81
68) Atrazine	11.07	200	122201	40.12	nq	95
69) Pentachlorophenol	11.17	266	69063	38.62	nq	98
70) Phenanthrene	11.39	178	622733	39.56	nq	99
71) Anthracene	11.44	178	642299	39.60	nq	100
72) Carbazole	11.60	167	573259	38.74	nq	99
73) Di-n-butylphthalate	11.93	149	709633	38.88	nq	99
74) Fluoranthene	12.58	202	676905	40.04	nq	98
76) Benzidine	12.71	184	299276	41.04	nq	100
77) Pyrene	12.81	202	672551	45.03	nq	99
79) Butylbenzylphthalate	13.44	149	287594	42.20	nq	88
80) Benzo(a)anthracene	14.02	228	512061	39.11	nq	99
81) 3,3'-Dichlorobenzidine	13.99	252	198904	40.02	nq	# 99
82) Chrysene	14.07	228	556081	40.30	nq	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	340323	35.00	nq	# 95
84) Di-n-octyl phthalate	14.69	149	584604	35.01	nq	99
85) Indeno(1,2,3-cd)pyrene	16.98	276	501611	45.74	nq	99
87) Benzo(b)fluoranthene	15.12	252	536990	38.25	nq	100
88) Benzo(k)fluoranthene	15.16	252	408196m	34.60	nq	
89) Benzo(a)pyrene	15.49	252	450887	37.37	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	414853	41.96	nq	99
91) Benzo(g,h,i)perylene	17.42	276	396311	41.26	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:152 Resp: 86510

Ion Ratio Lower Upper

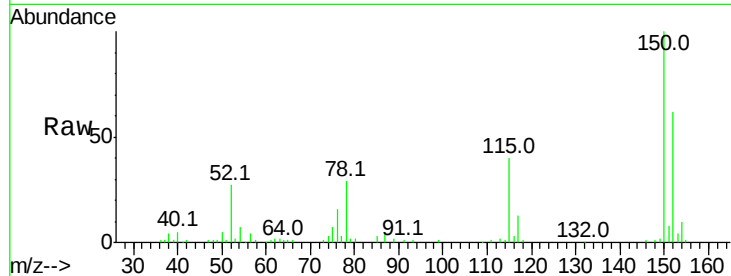
152 100

150 160.6 129.0 193.4

115 64.2 52.1 78.1

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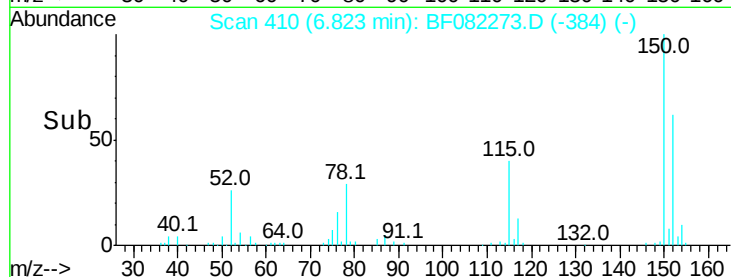
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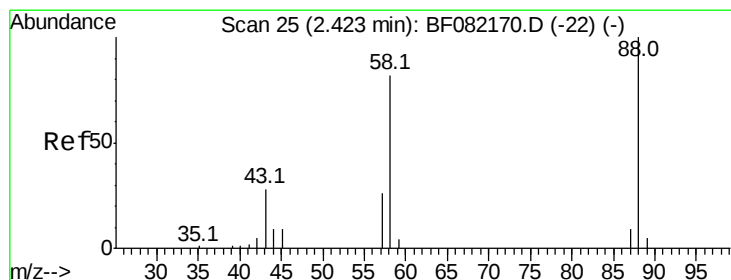
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#2

1,4-Dioxane

Concen: 37.33 ng

RT: 2.38 min Scan# 21

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

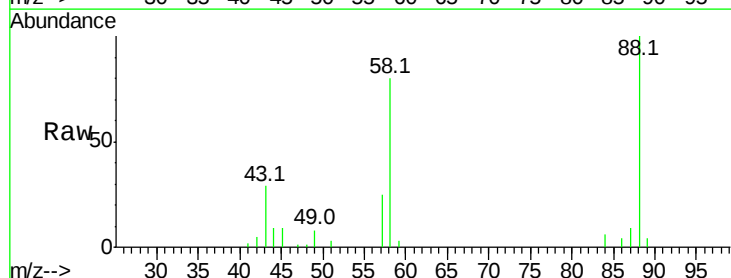
Tgt Ion: 88 Resp: 80398

Ion Ratio Lower Upper

88 100

58 81.7 66.2 99.4

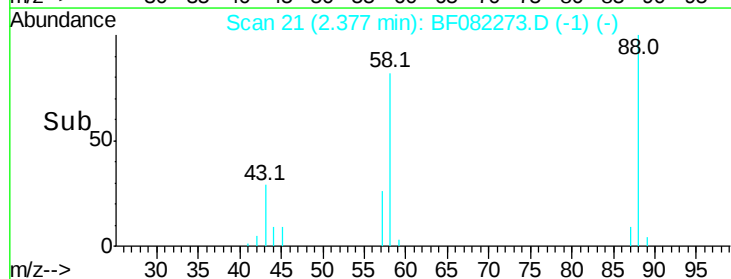
43 29.4 23.0 34.4



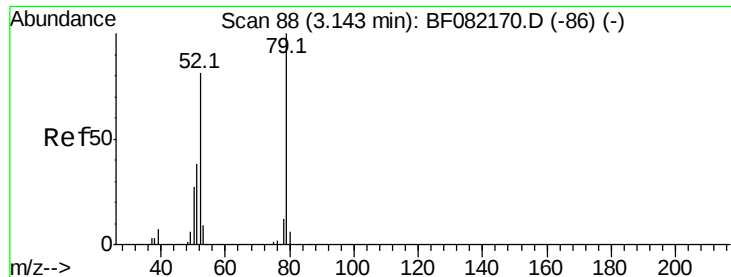
Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#3

Pvridine

Concen: 43.77 ng

RT: 3.09 min Scan# 83

Delta R.T. -0.01 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

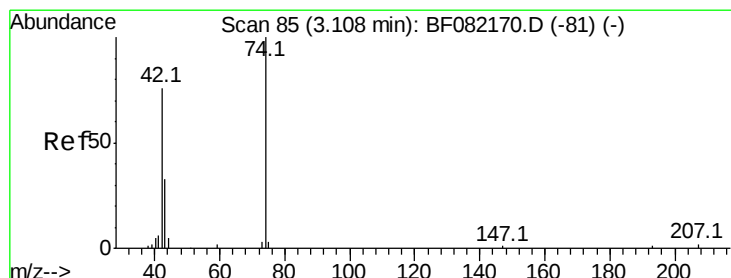
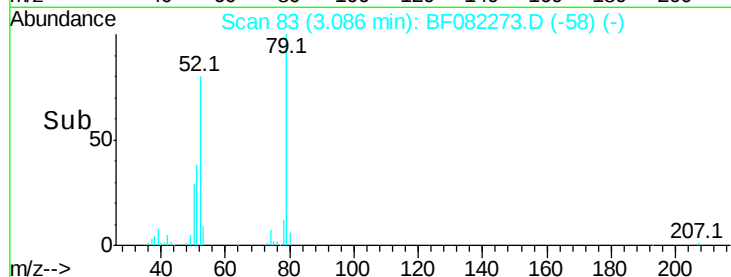
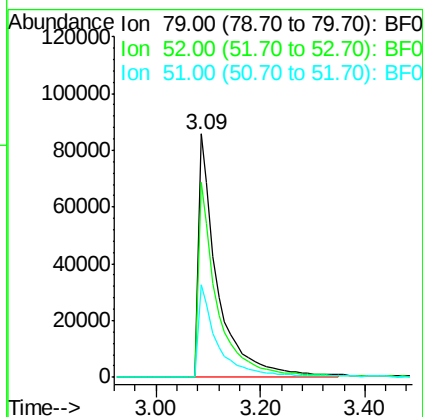
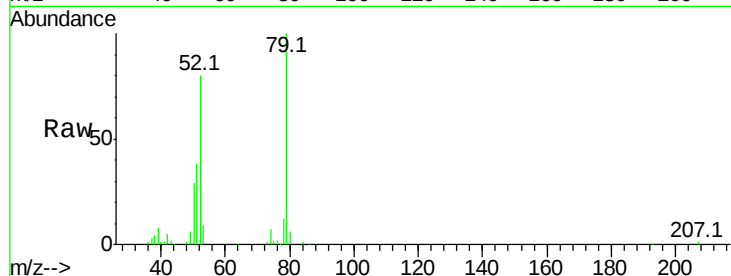
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		219230		
52	80.0	64.4	96.6		
51	38.1	30.5	45.7		



#4

n-Nitrosodimethylamine

Concen: 42.04 ng

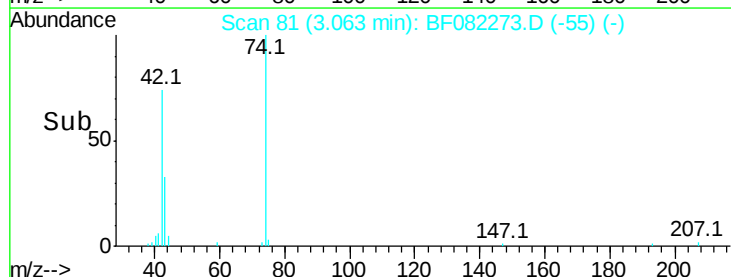
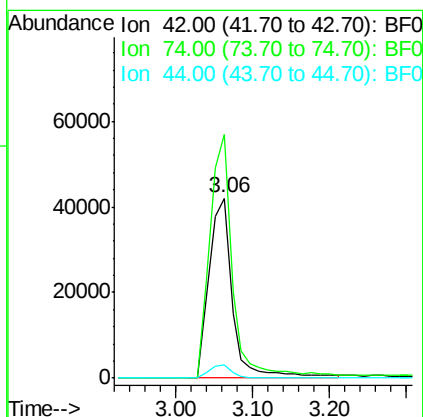
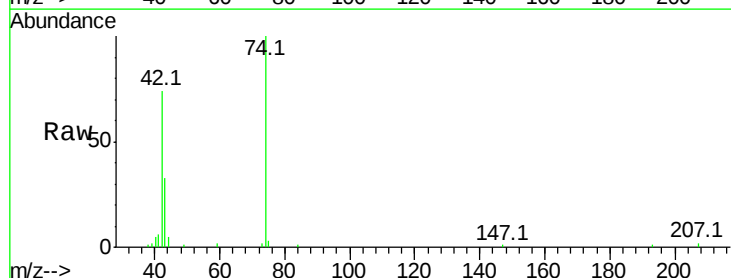
RT: 3.06 min Scan# 81

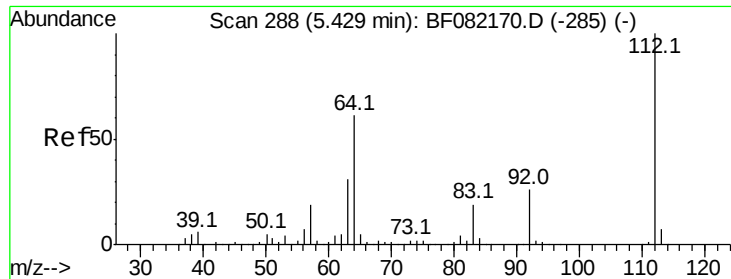
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		89309		
74	135.5	105.7	158.5		
44	7.2	5.4	8.2		





#5

2-Fluorophenol

Concen: 82.82 ng

RT: 5.41 min Scan# 286

Delta R.T. -0.01 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

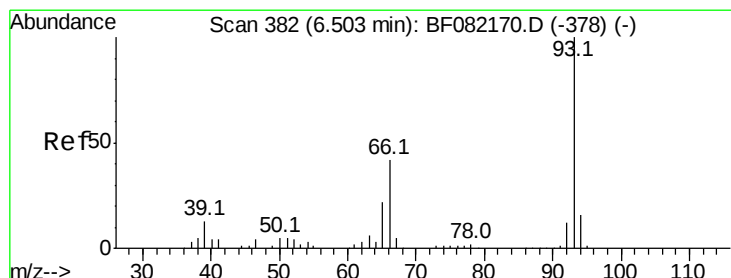
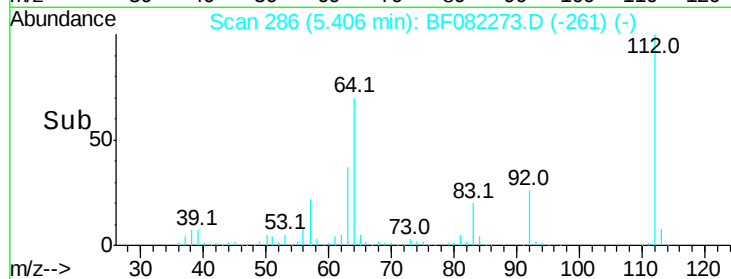
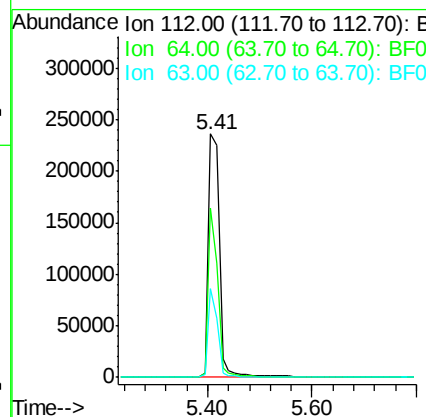
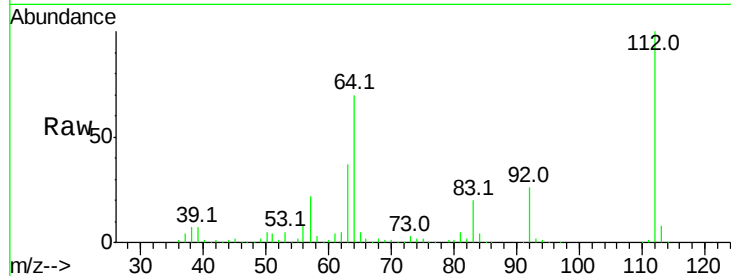
ClientSampleId :

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Tot Ion:	112	Resp:	355005
Ion Ratio	Lower	Upper	
112	100		
64	69.7	48.6	73.0
63	36.5	25.1	37.7

Manual Integrations
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#6

Aniline

Concen: 42.64 ng

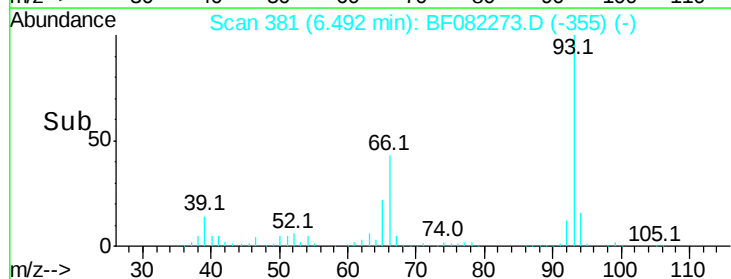
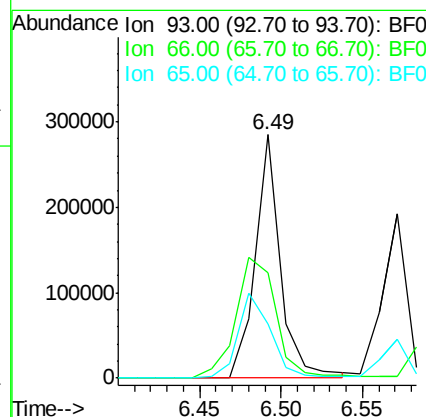
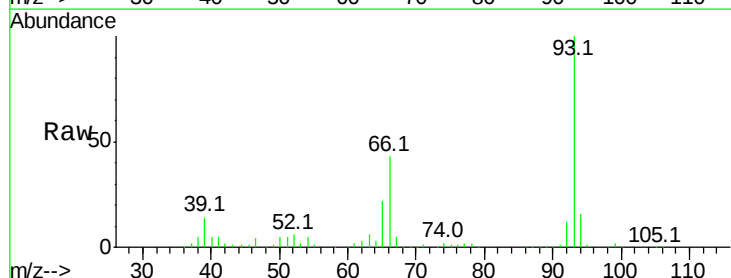
RT: 6.49 min Scan# 381

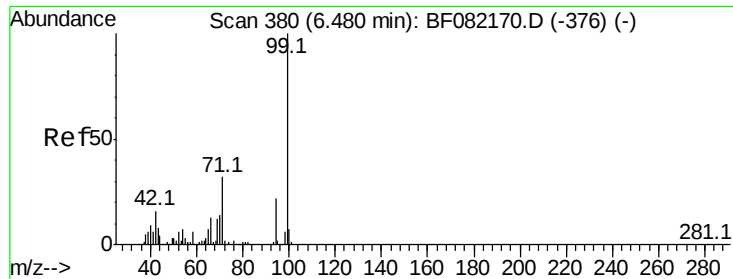
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	93	Resp:	306672
Ion Ratio	Lower	Upper	
93	100		
66	43.1	34.2	51.2
65	22.4	17.9	26.9





#7

Phenol-d6

Concen: 83.78 ng

RT: 6.47 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

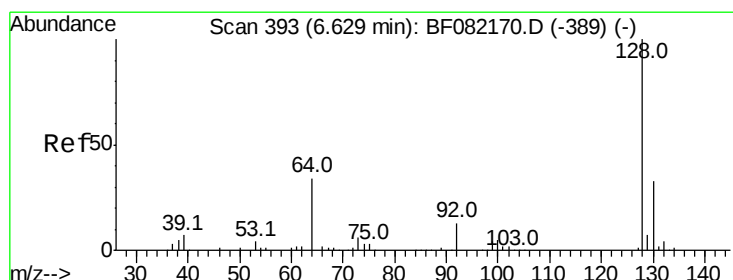
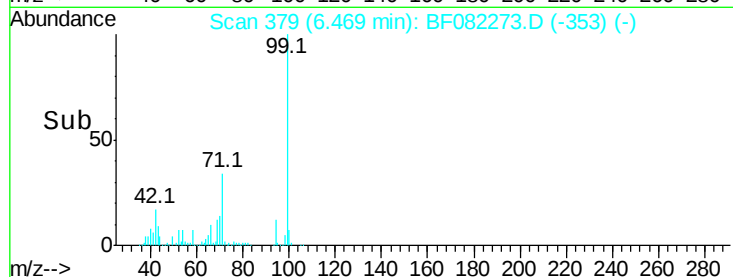
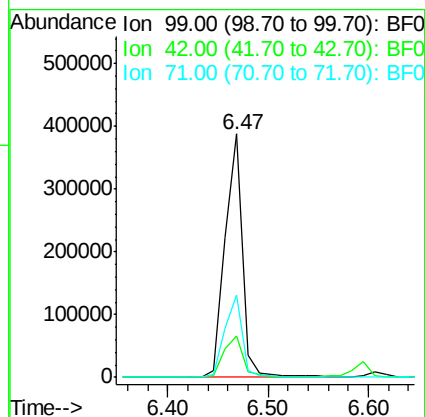
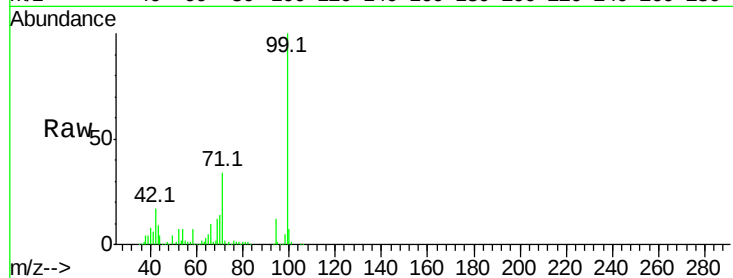
ClientSampleId :

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Tot Ion:	99	Resp:	467319
Ion Ratio	Lower	Upper	
99	100		
42	17.2	13.2	19.8
71	33.9	25.6	38.4



#8

2-Chlorophenol

Concen: 37.42 ng

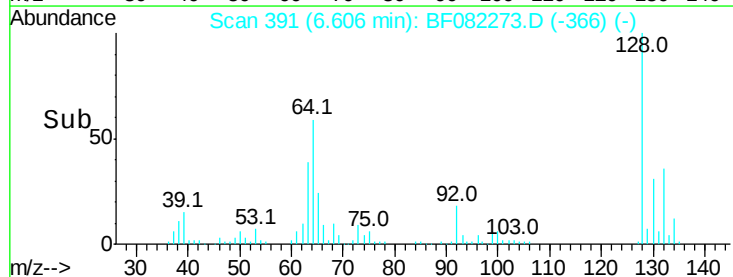
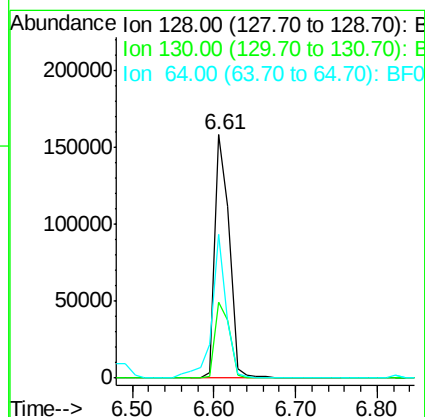
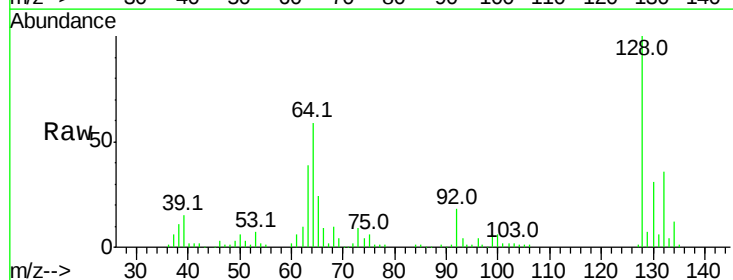
RT: 6.61 min Scan# 391

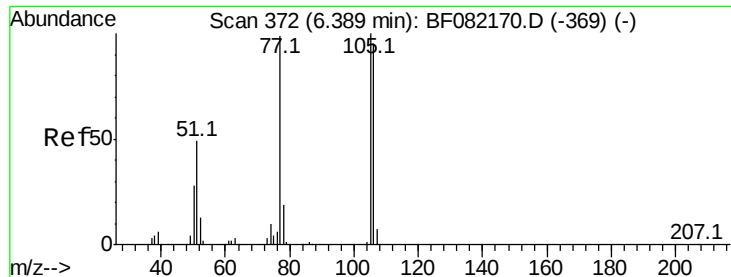
Delta R.T. -0.01 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	128	Resp:	195828
Ion Ratio	Lower	Upper	
128	100		
130	31.1	12.6	52.6
64	59.3	16.7	56.7#





#9

Benzaldehyde

Concen: 44.08 ng

RT: 6.38 min Scan# 371

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

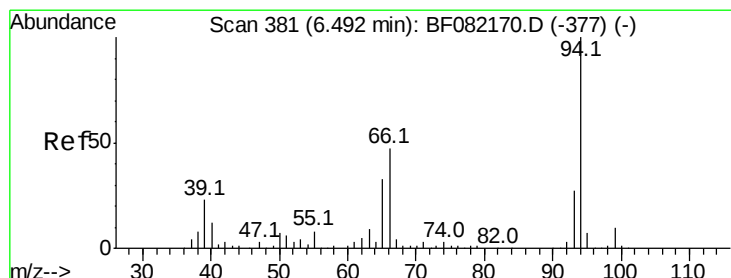
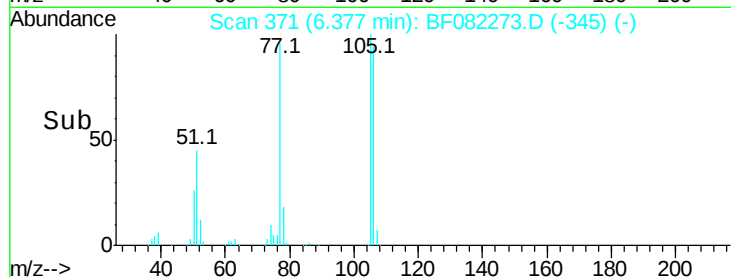
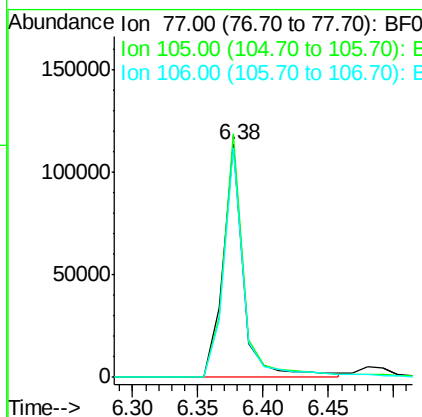
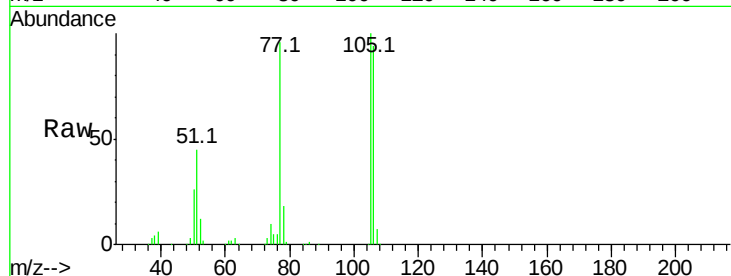
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	77	Resp:	125575
Ion Ratio	Lower	Upper	
77	100		
105	104.6	80.6	120.6
106	98.6	75.5	115.5



#10

Phenol

Concen: 43.12 ng

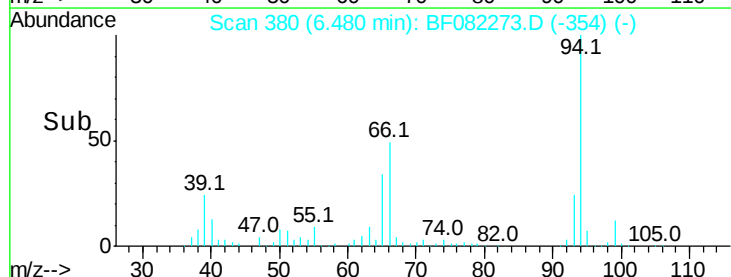
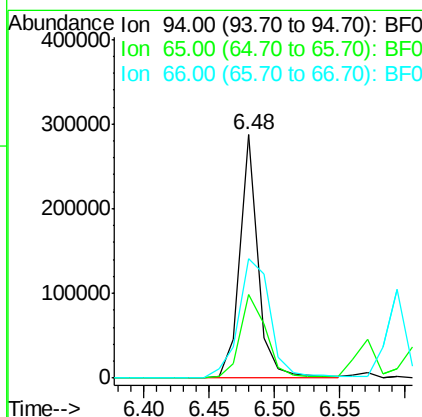
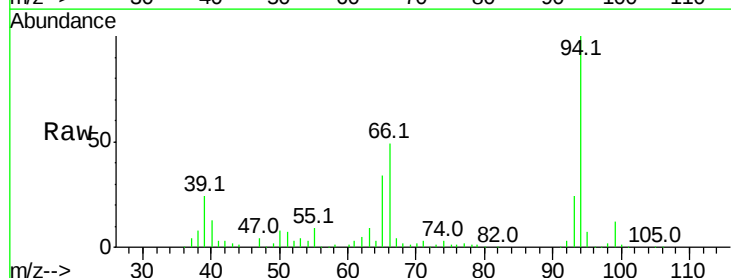
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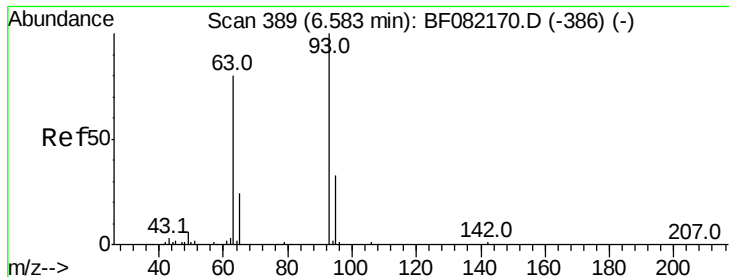
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	94	Resp:	277311
Ion Ratio	Lower	Upper	
94	100		
65	34.5	12.6	52.6
66	49.1	27.3	67.3





#11

bis(2-Chloroethyl)ether

Concen: 39.45 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

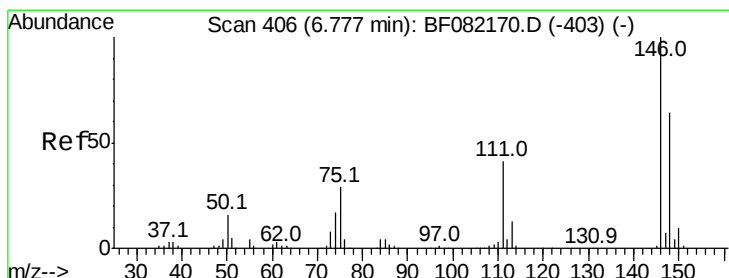
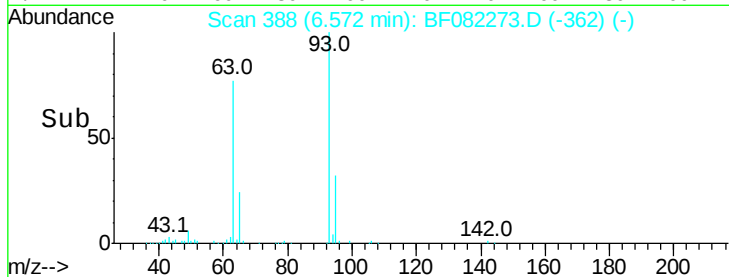
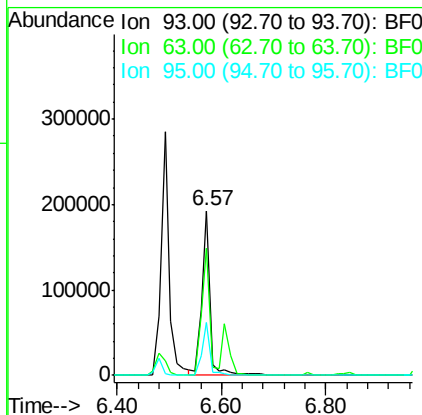
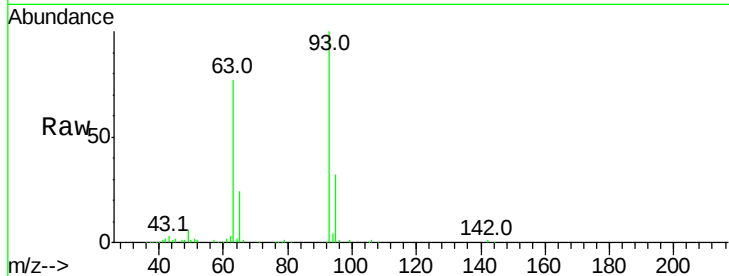
ClientSampleId :

SSTDCCC040EC

Tot Ion:	93	Resp:	214530
Ion Ratio	Lower	Upper	
93	100		
63	76.9	57.1	97.1
95	32.3	11.9	51.9

Manual Integrations
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MMdadoda
10/14/2015 3:51:26 PM



#12

1,3-Dichlorobenzene

Concen: 40.05 ng

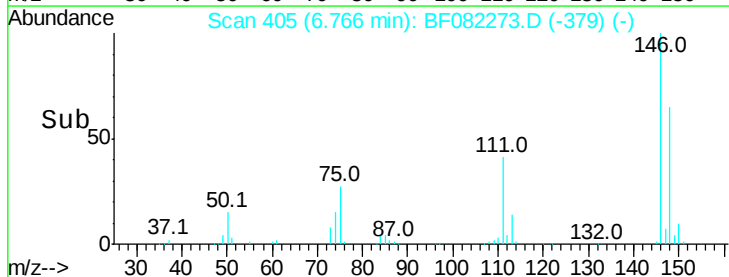
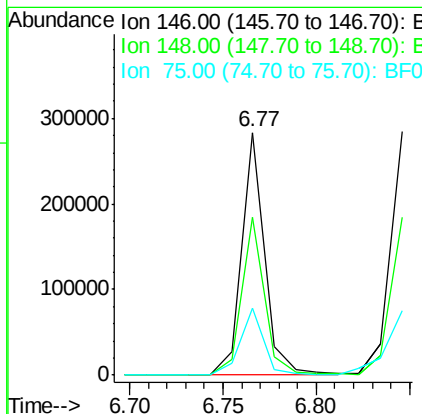
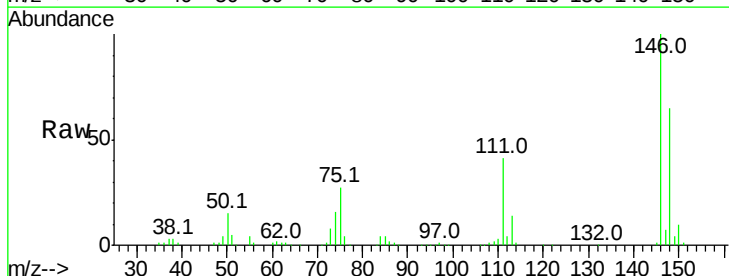
RT: 6.77 min Scan# 405

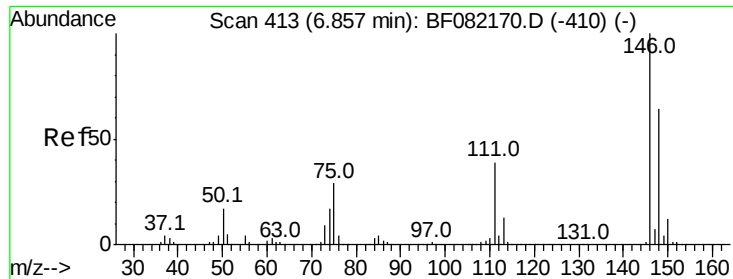
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	146	Resp:	244044
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.4	77.2
75	27.4	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 39.83 ng

RT: 6.85 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

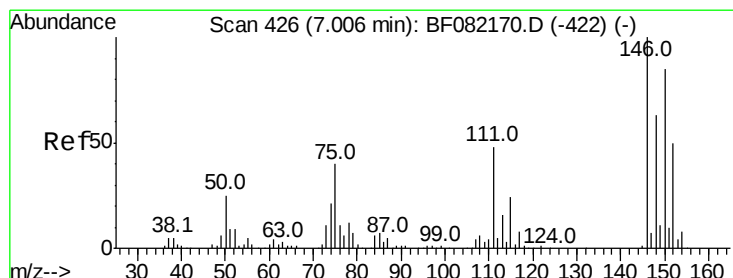
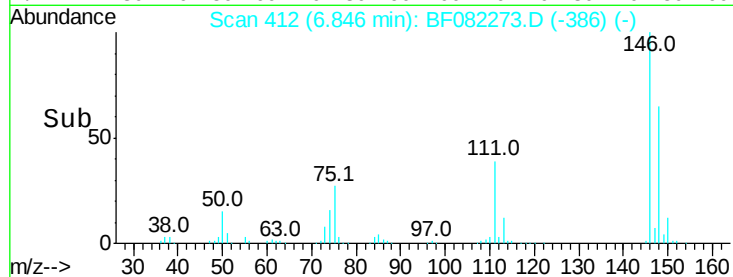
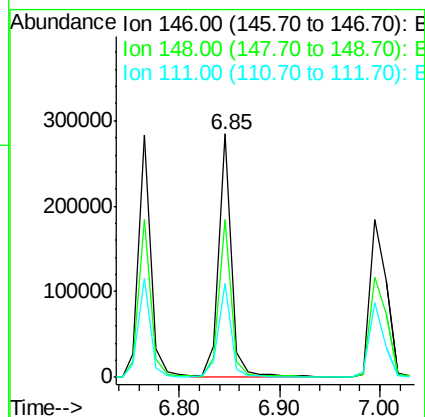
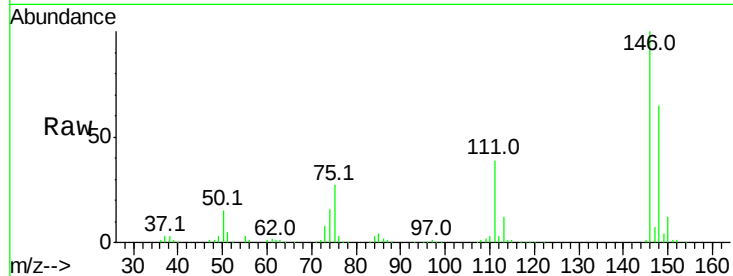
ClientSampleId :

SSTDCCC040EC

Tot Ion:	146	Resp:	253457
Ion Ratio	Lower	Upper	
146	100		
148	65.1	51.0	76.4
111	38.5	31.1	46.7

Manual Integrations
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MMdadoda
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#14

1,2-Dichlorobenzene

Concen: 35.89 ng

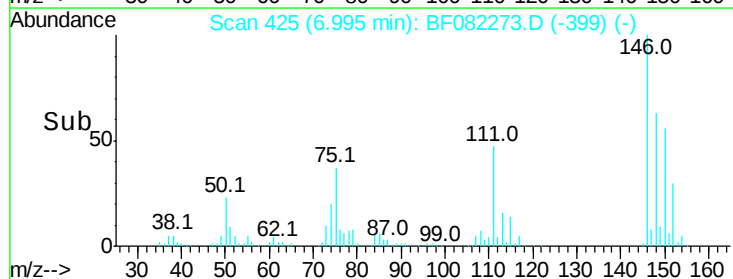
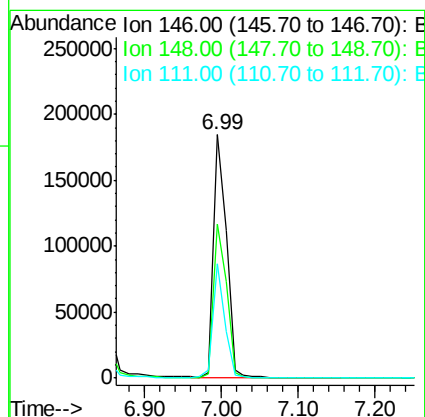
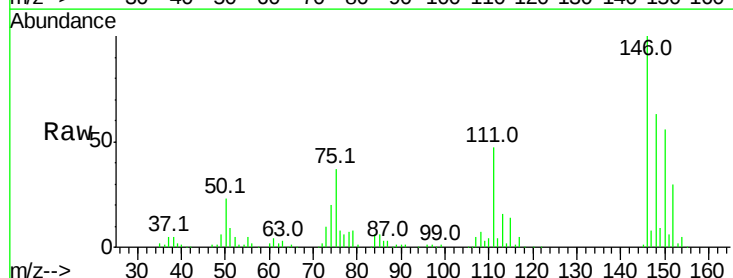
RT: 6.99 min Scan# 425

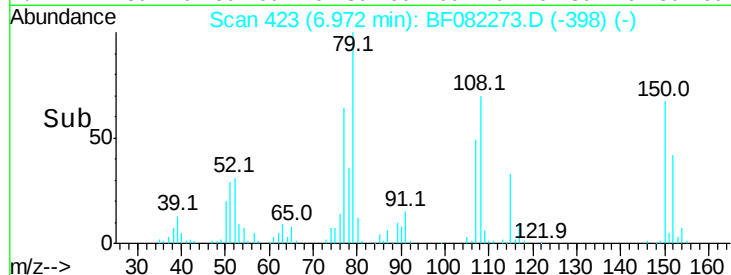
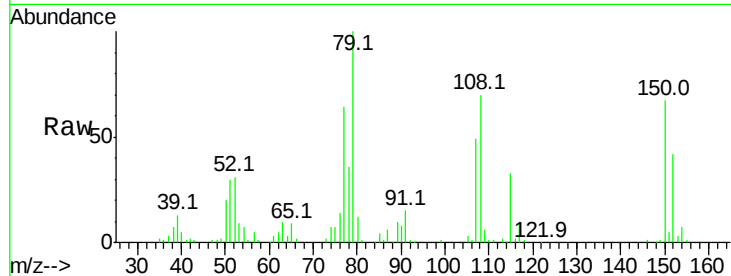
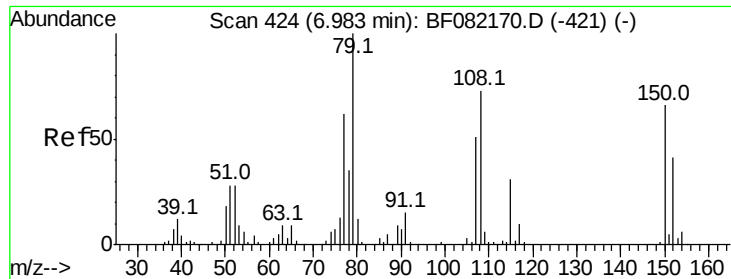
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	146	Resp:	216879
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.5	75.7
111	46.9	38.5	57.7





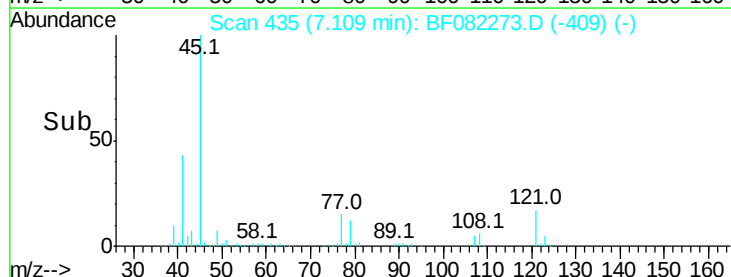
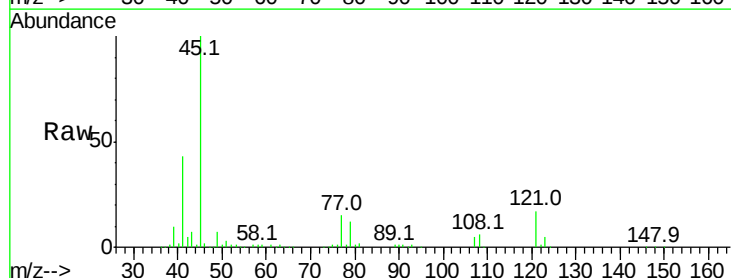
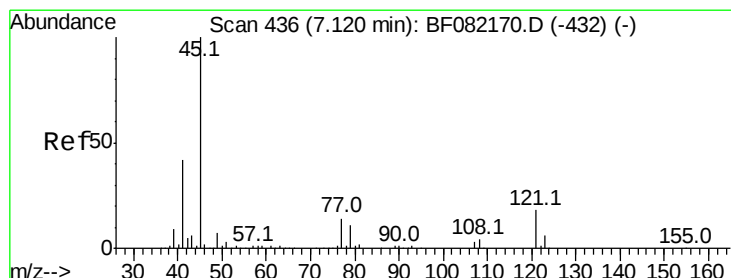
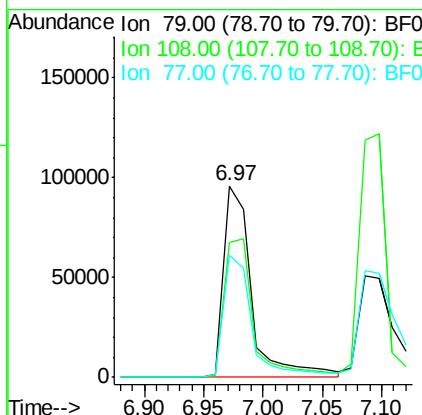
#15
Benzyl Alcohol
Concen: 40.71 ng
RT: 6.97 min Scan# 423
Delta R.T. -0.01 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tot Ion: 79 Resp: 156755
Ion Ratio Lower Upper
79 100
108 70.4 58.4 87.6
77 64.0 49.8 74.6

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

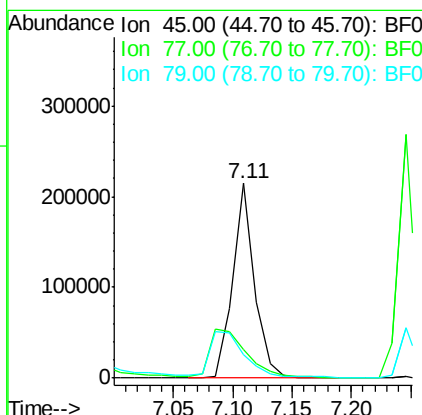
Manual Integrations
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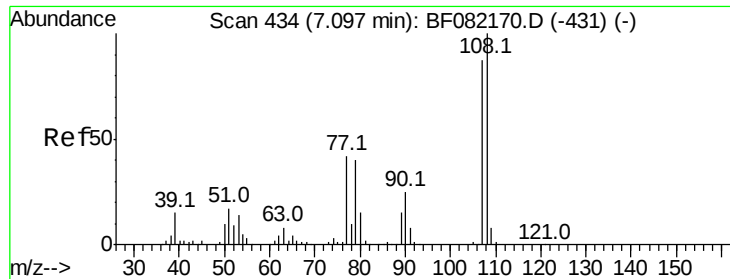
MMdadoda
10/14/2015 3:51:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.81 ng
RT: 7.11 min Scan# 435
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion: 45 Resp: 271223
Ion Ratio Lower Upper
45 100
77 14.8 0.0 34.5
79 11.8 0.0 31.6





#17

2-Methylphenol

Concen: 40.14 ng

RT: 7.10 min Scan# 434

Delta R.T. 0.00 min

Lab File: BF082273.D

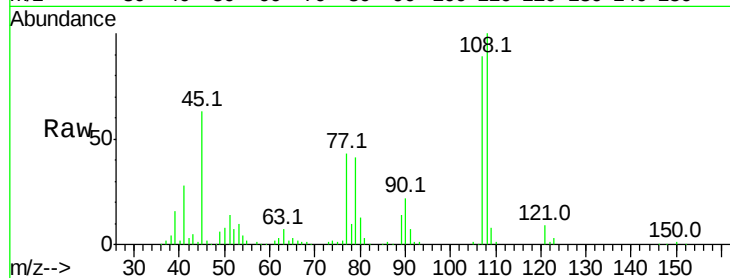
Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tot Ion:107 Resp: 166113

Ion Ratio Lower Upper

107 100

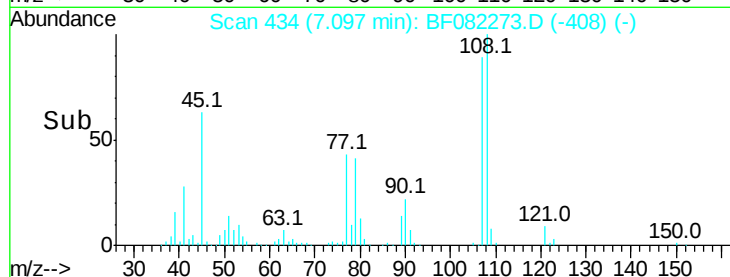
108 112.9 92.2 138.2

77 48.0 39.6 59.4

79 46.2 38.2 57.4

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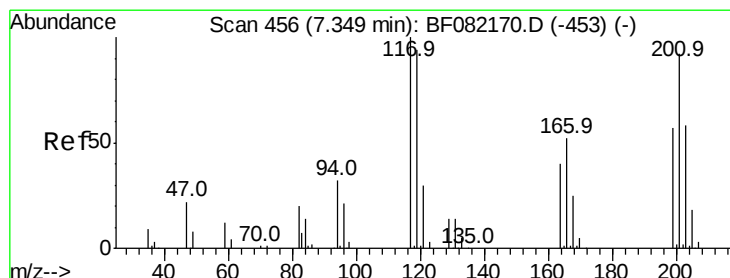
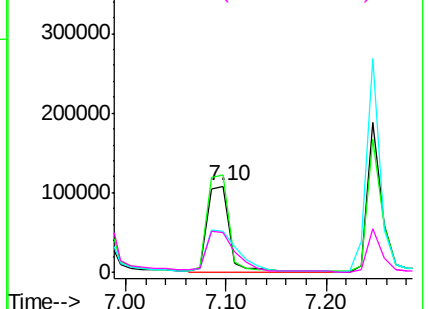


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 36.87 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

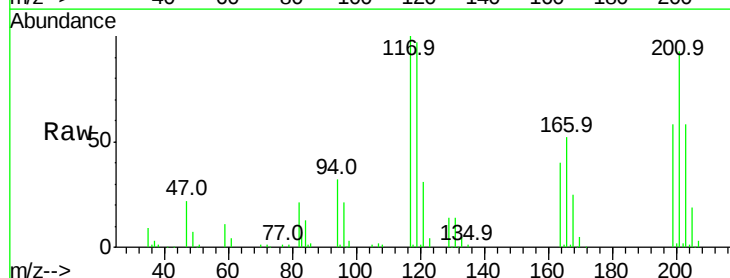
Tgt Ion:117 Resp: 80314

Ion Ratio Lower Upper

117 100

119 96.7 75.4 113.2

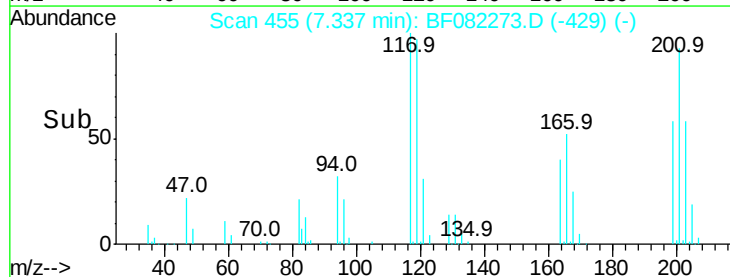
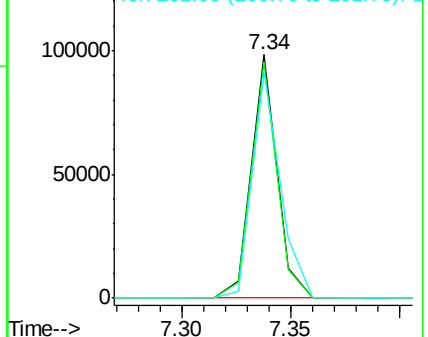
201 93.4 73.4 110.0

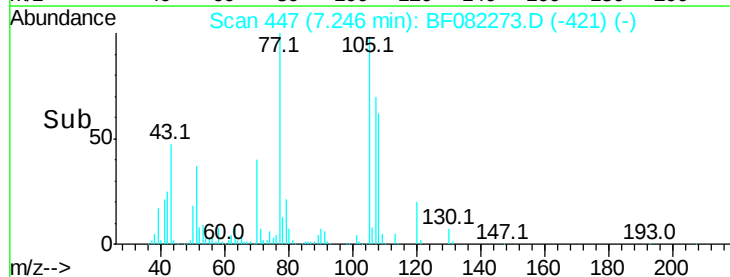
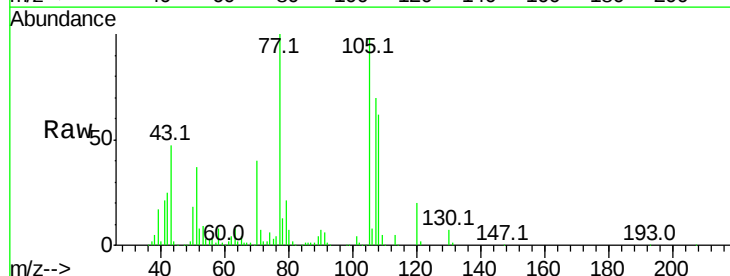
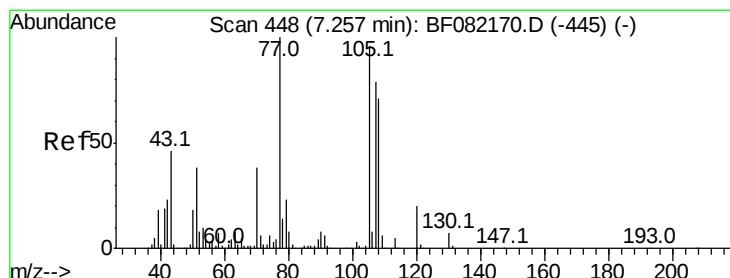
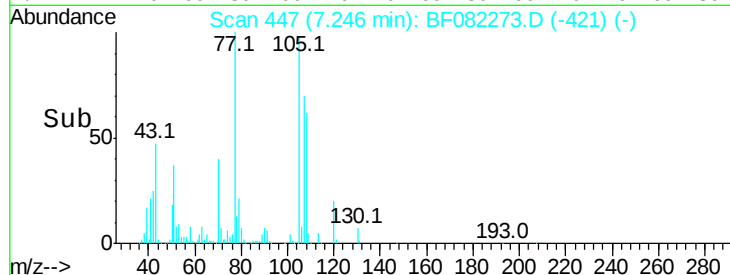
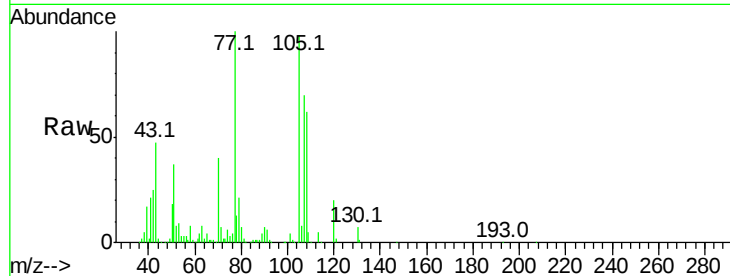
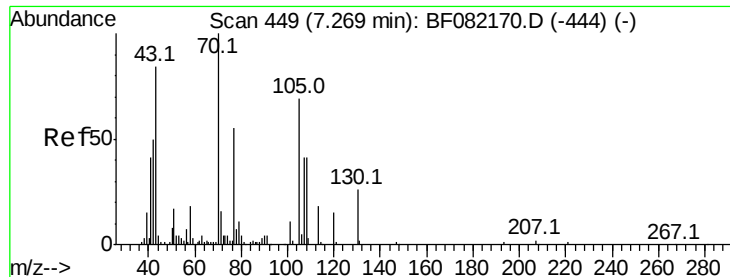


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 35.17 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion: 70 Resp: 137756

Ion Ratio Lower Upper

70 100

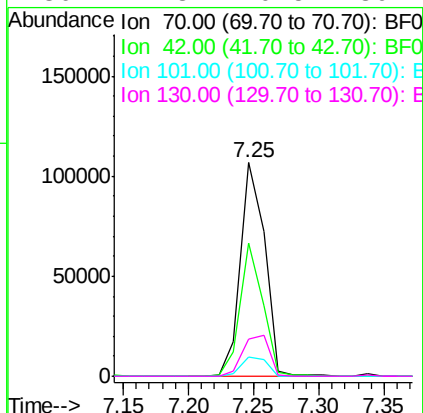
42 62.4 39.8 59.8#

101 9.0 8.6 13.0

130 17.3 20.5 30.7#

Manual Integrations
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10/14/2015 3:51:26 PM



#20

3+4-Methylphenols

Concen: 38.67 ng

RT: 7.25 min Scan# 447

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:107 Resp: 190698

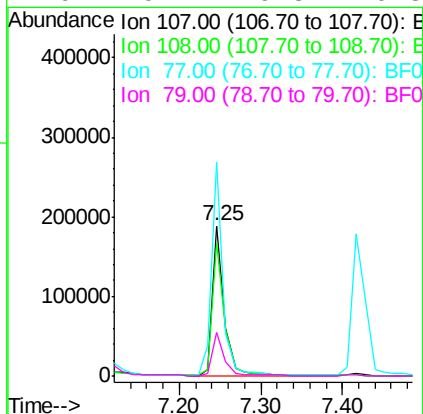
Ion Ratio Lower Upper

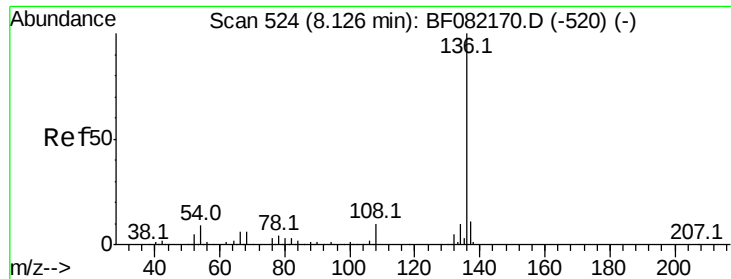
107 100

108 88.7 69.9 109.9

77 142.2 106.0 146.0

79 29.2 9.8 49.8





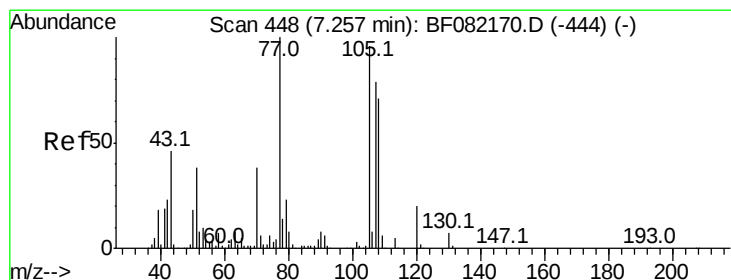
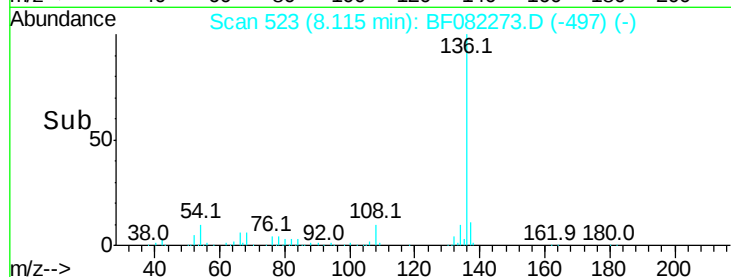
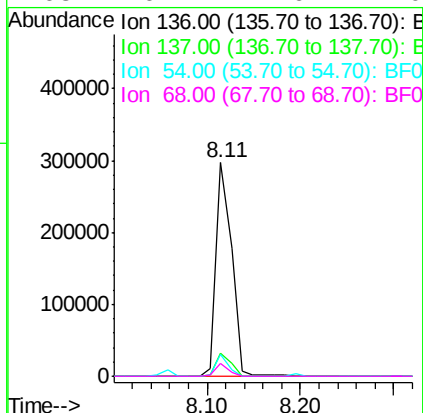
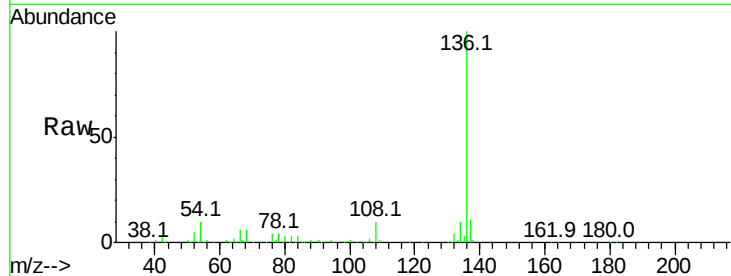
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
136	100	343330		
137	11.0		9.0	13.6
54	10.1		7.5	11.3
68	6.1		4.6	7.0

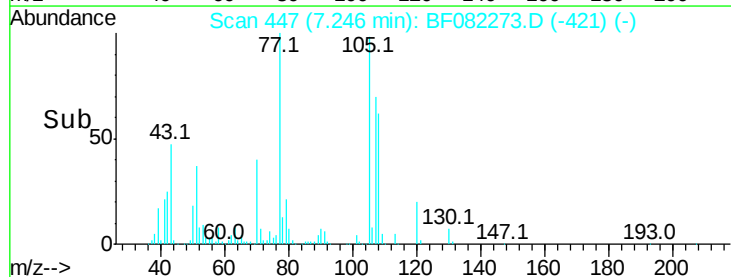
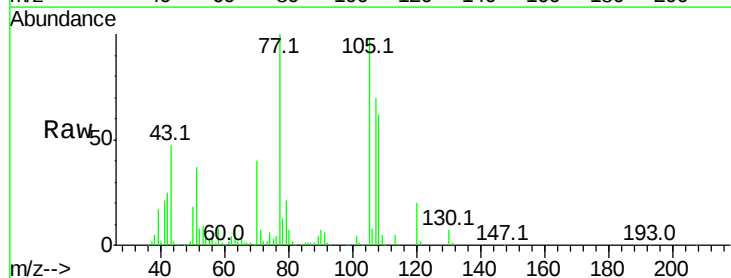
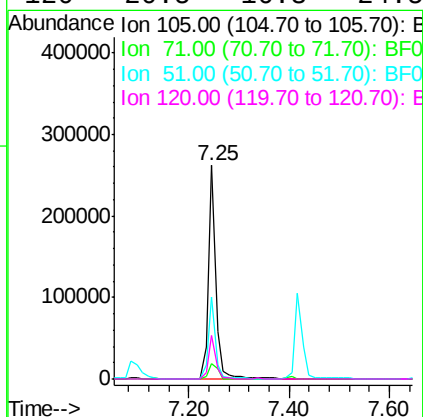
Manual Integrations
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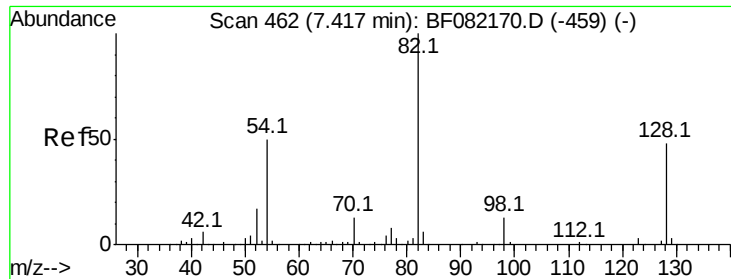
MMdadoda
10/14/2015 3:51:26 PM



#22
Acetophenone
Concen: 39.50 ng
RT: 7.25 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	268277		
71	6.9		5.4	8.0
51	38.3		31.8	47.6
120	20.5		16.3	24.5





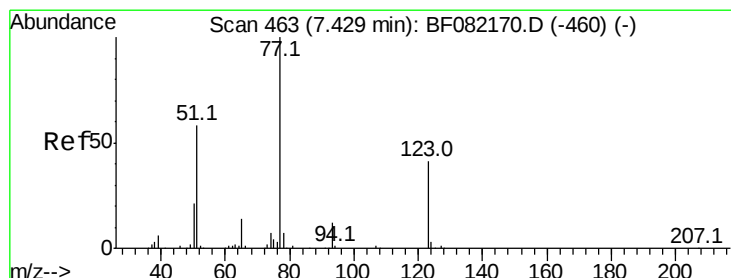
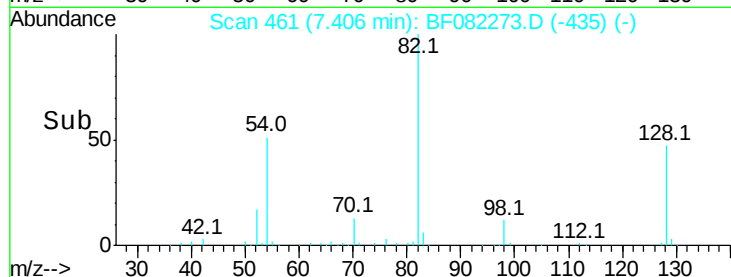
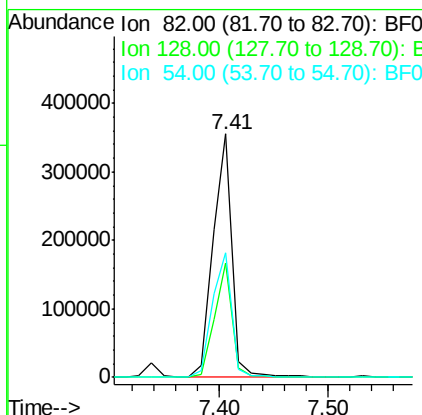
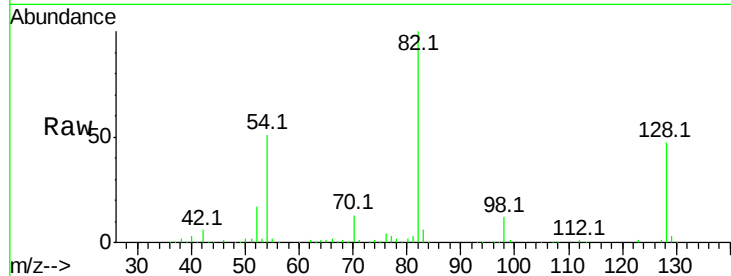
#23
 Nitrobenzene-d5
 Concen: 84.78 ng
 RT: 7.41 min Scan# 461
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.7	58.1
54	51.1	40.1	60.1

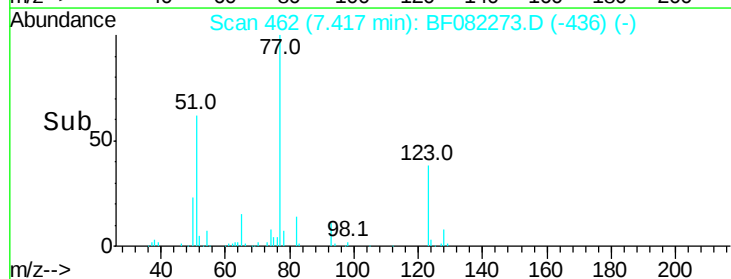
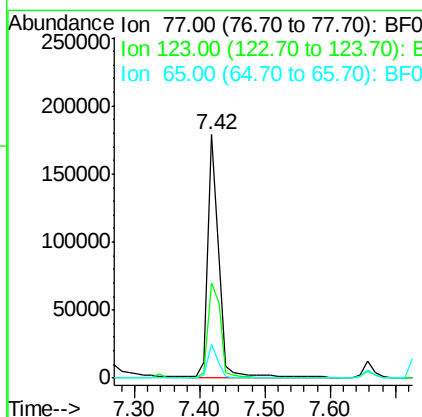
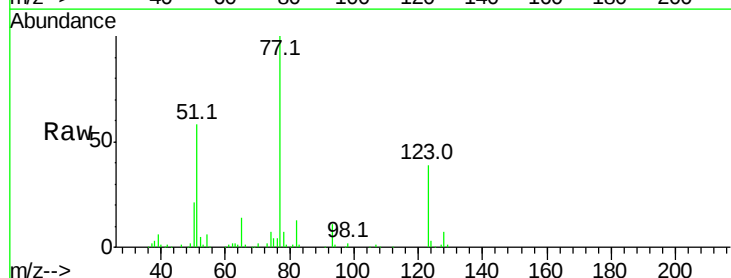
Manual Integrations
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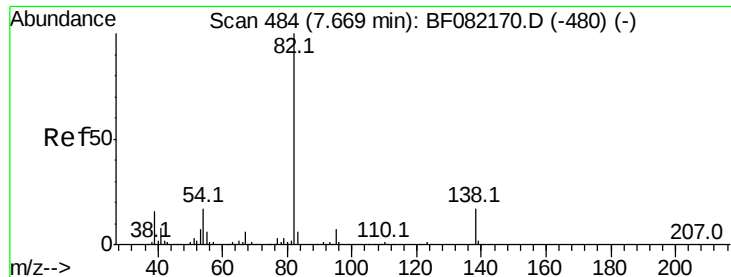
MMdadoda
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#24
 Nitrobenzene
 Concen: 37.32 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.9	33.0	49.4
65	13.8	11.2	16.8





#25

Isophorone

Concen: 37.23 ng

RT: 7.66 min Scan# 483

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

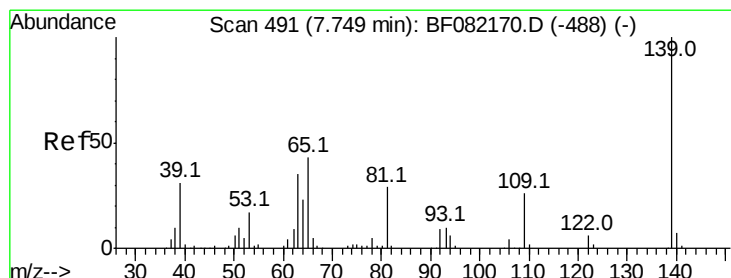
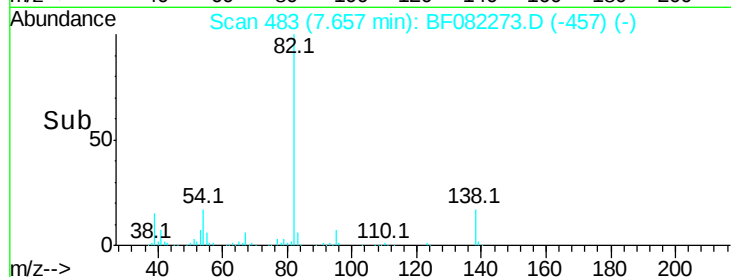
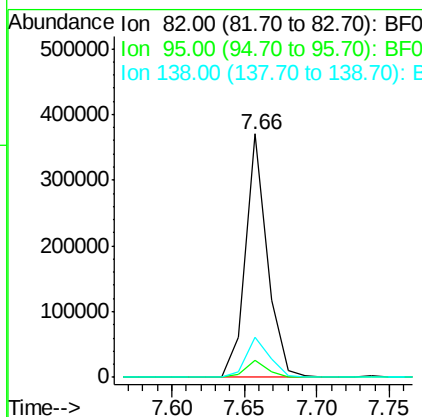
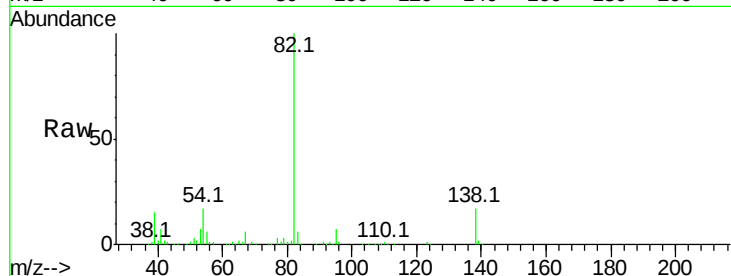
ClientSampleId :

SSTDCCC040EC

Tot Ion:	82	Resp:	384169
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.6	8.4
138	16.6	13.6	20.4

Manual Integrations
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MMdadoda
10/14/2015 3:51:26 PM



#26

2-Nitrophenol

Concen: 41.59 ng

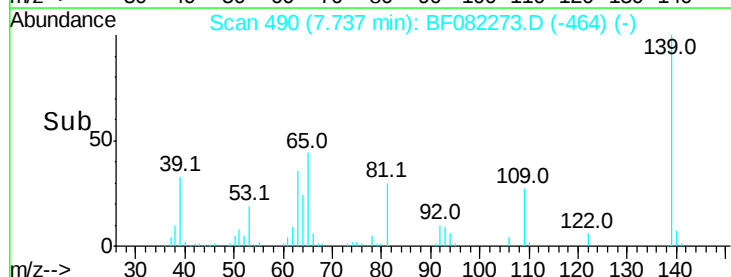
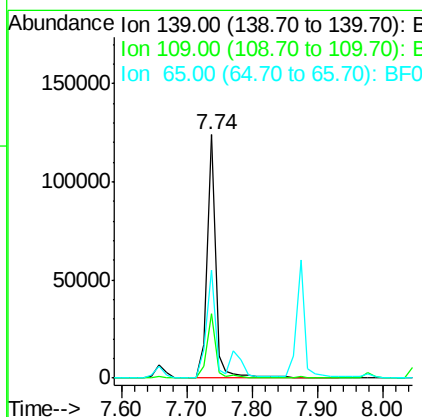
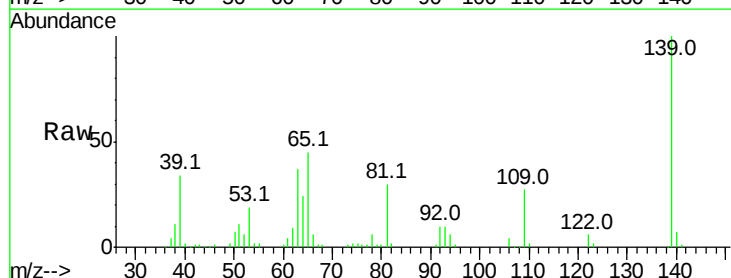
RT: 7.74 min Scan# 490

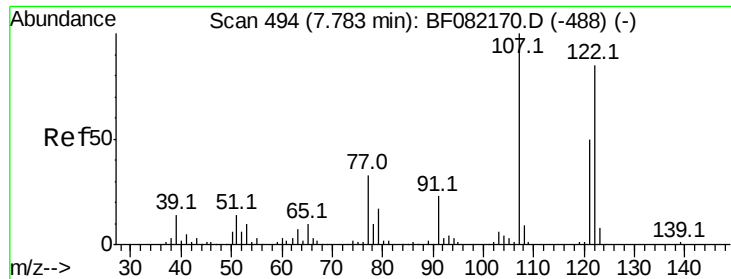
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	139	Resp:	114926
Ion Ratio	Lower	Upper	
139	100		
109	26.7	20.6	31.0
65	44.5	34.3	51.5





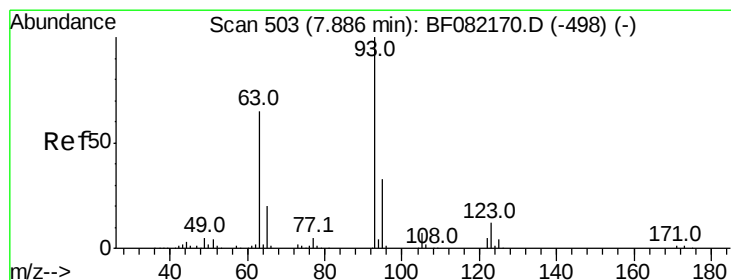
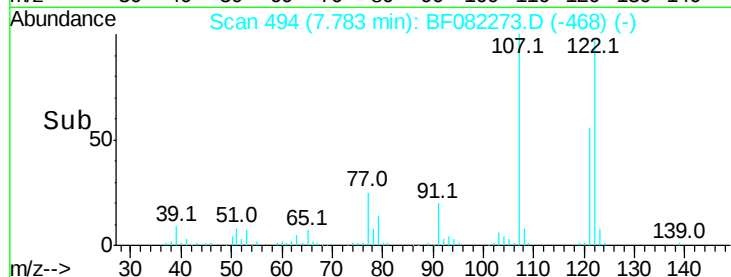
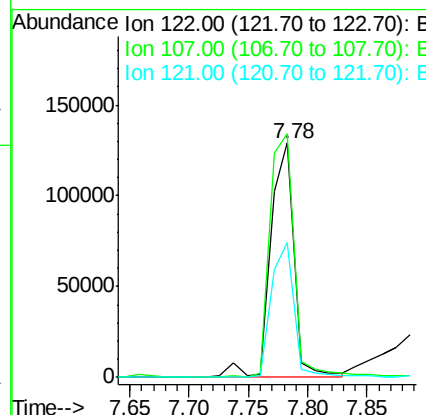
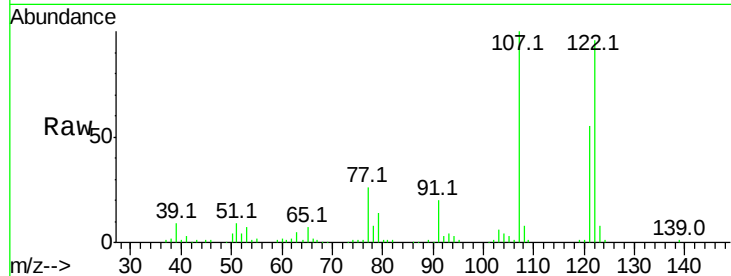
#27
2,4-Dimethylphenol
Concen: 40.05 ng
RT: 7.78 min Scan# 494
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
122	100	178311		
107	104.0	94.0	141.0	
121	57.6	46.8	70.2	

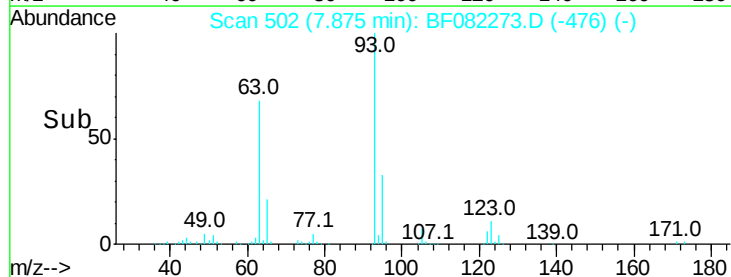
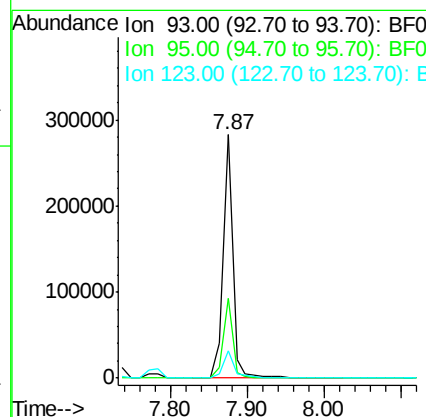
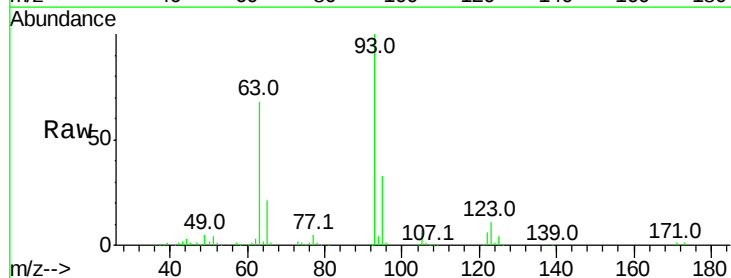
Manual Integrations
APPROVED

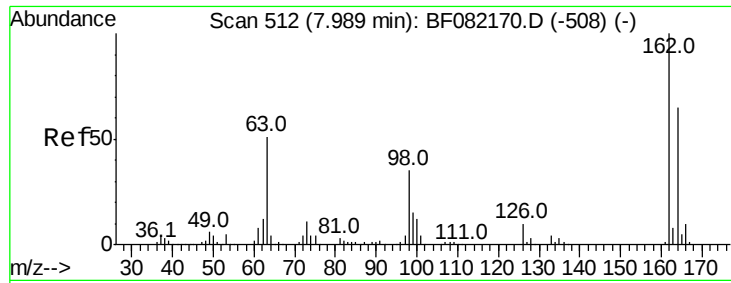
MMdadoda
10/14/2015 3:51:26 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.73 ng
RT: 7.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	250567		
95	32.7	26.6	39.8	
123	11.3	9.5	14.3	





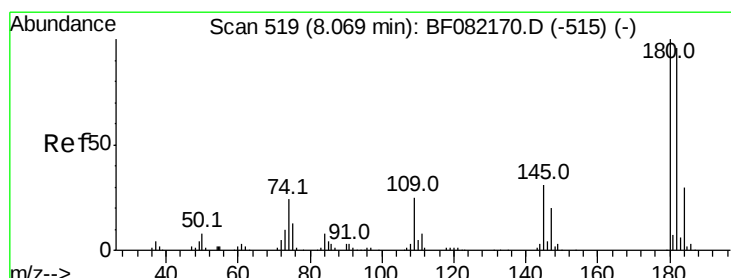
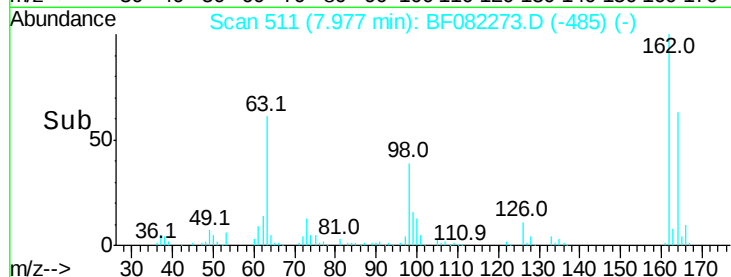
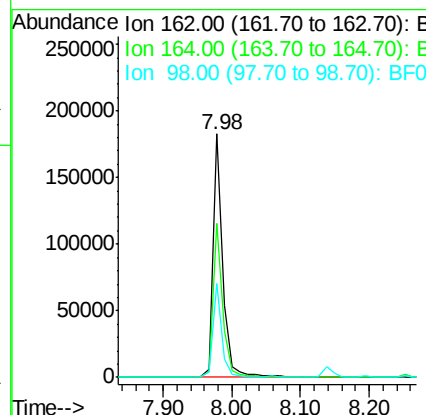
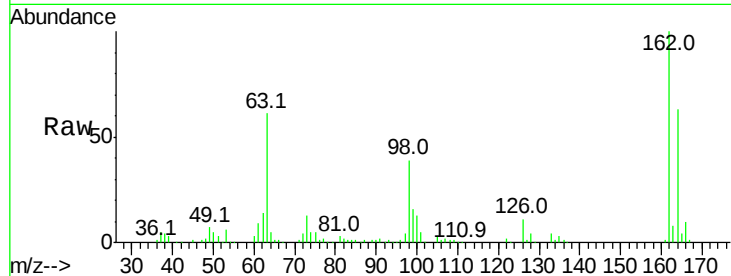
#29
 2,4-Dichlorophenol
 Concen: 40.92 ng
 RT: 7.98 min Scan# 511
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		182109		
164	63.4	44.6	84.6		
98	38.6	15.0	55.0		

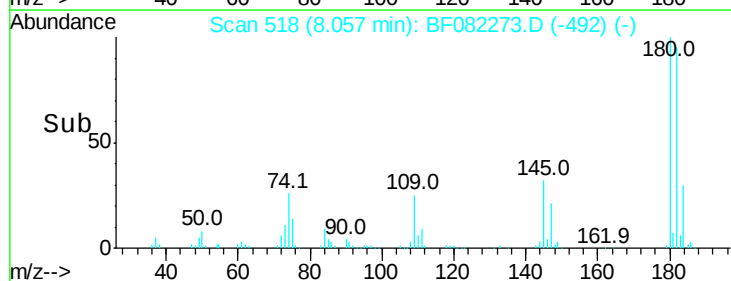
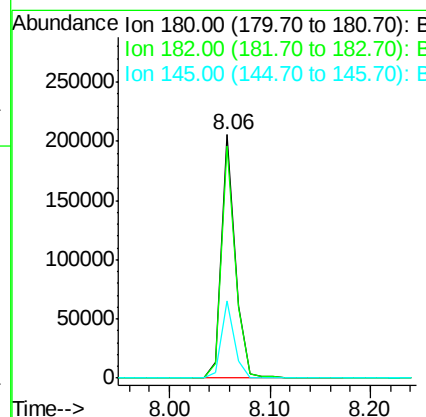
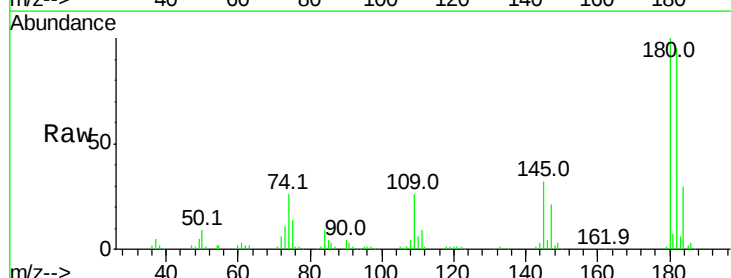
Manual Integrations
 APPROVED

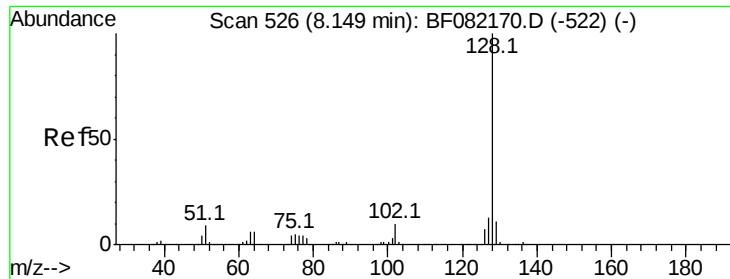
MMdadoda
 10/14/2015 3:51:26 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 38.35 ng
 RT: 8.06 min Scan# 518
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		196726		
182	95.3	77.0	115.4		
145	31.6	25.0	37.4		





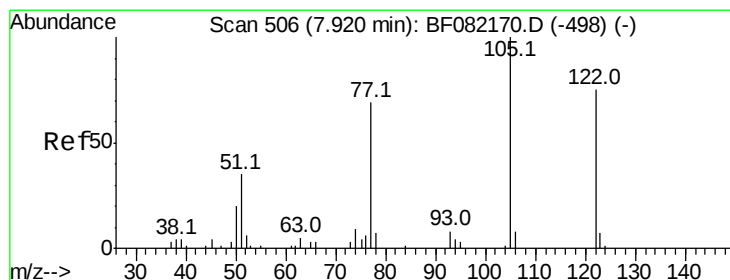
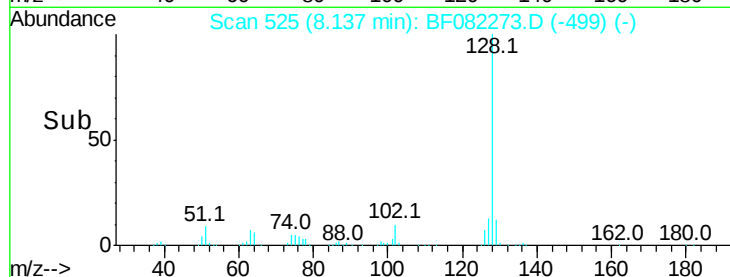
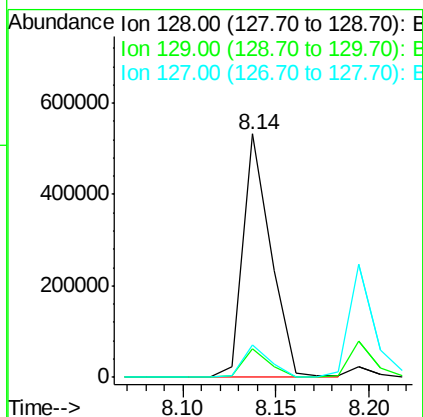
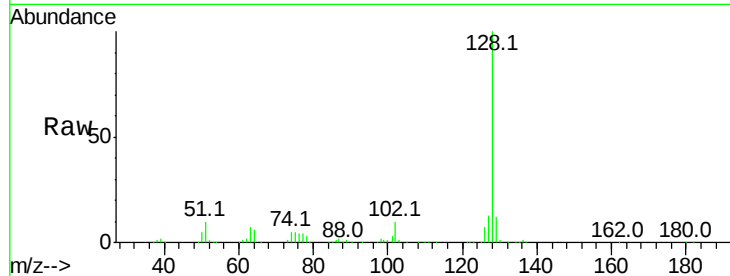
#31
Naphthalene
Concen: 37.29 ng
RT: 8.14 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Upper
128	100		
129	11.6	9.1	13.7
127	13.2	10.7	16.1

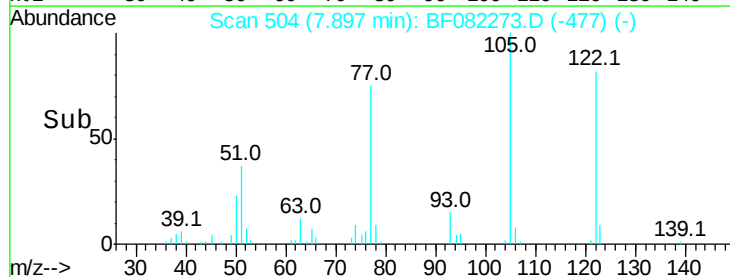
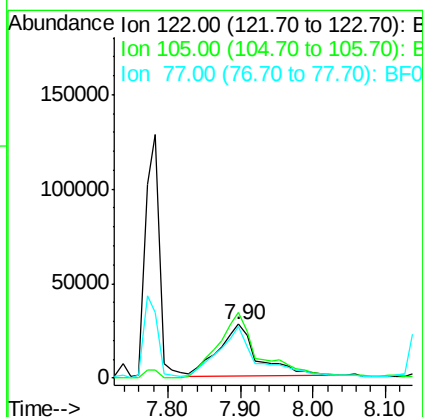
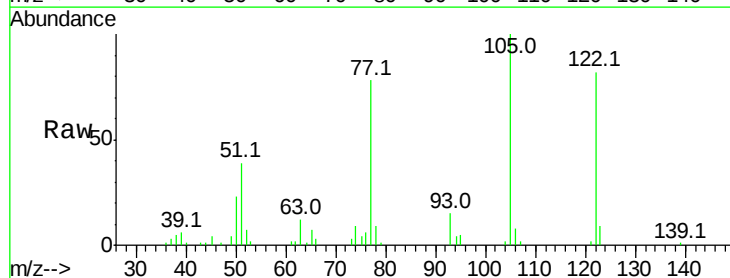
Manual Integrations
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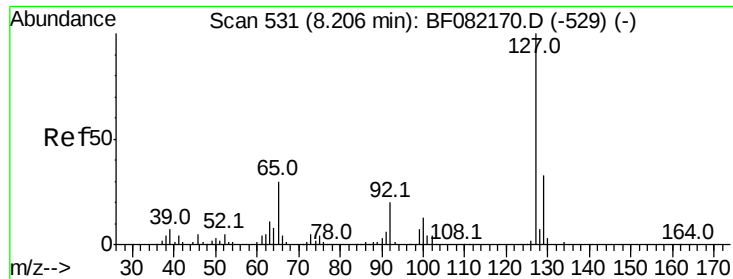
MMdadoda
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#32
Benzoic acid
Concen: 35.20 ng
RT: 7.90 min Scan# 504
Delta R.T. 0.01 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp Lower	Upper
122	100		
105	121.8	104.4	144.4
77	95.0	69.0	109.0





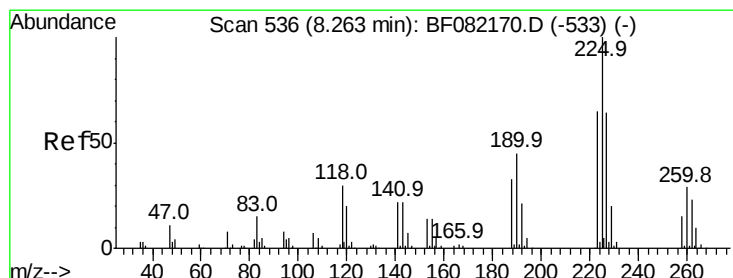
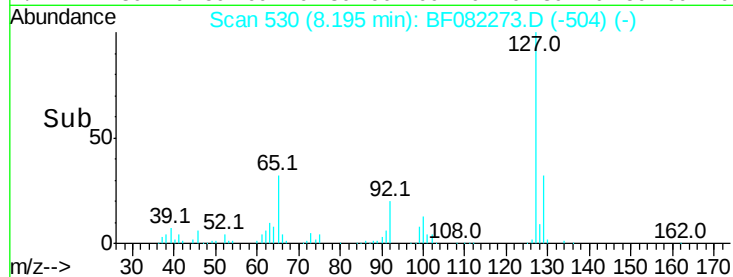
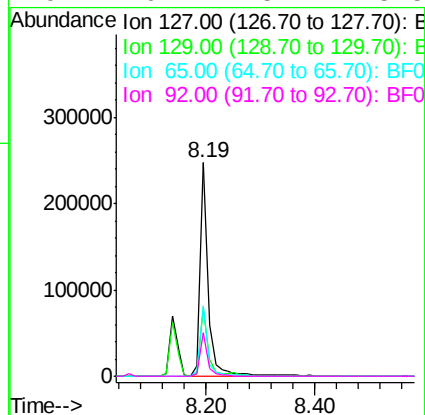
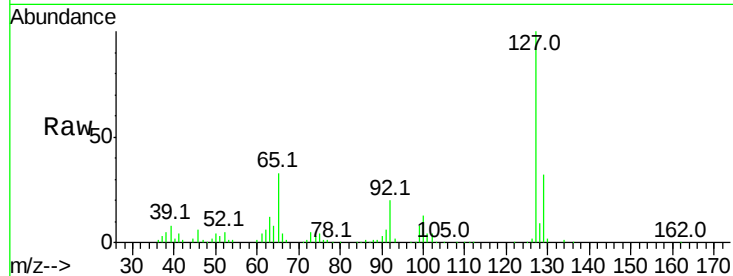
#33
4-Chloroaniline
Concen: 40.41 ng
RT: 8.19 min Scan# 530
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.9	26.3	39.5		
65	33.2	24.4	36.6		
92	20.2	15.7	23.5		

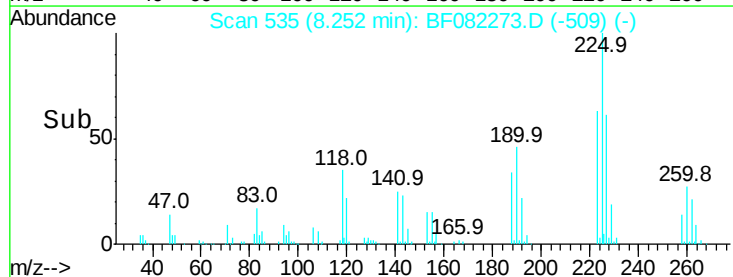
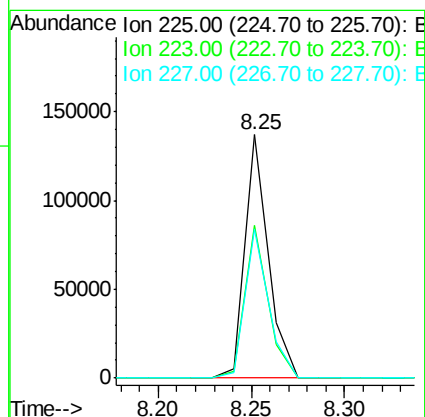
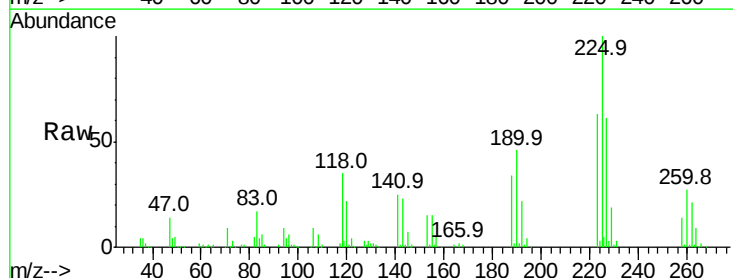
Manual Integrations
APPROVED

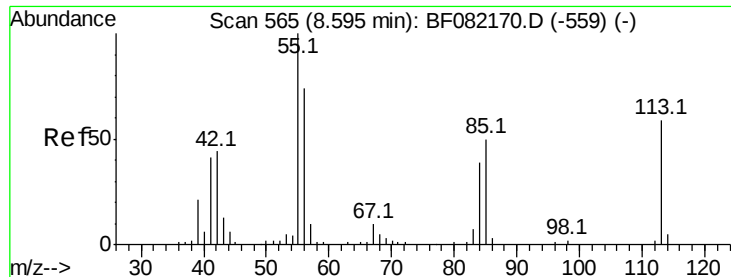
MMdadoda
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#34
Hexachlorobutadiene
Concen: 37.48 ng
RT: 8.25 min Scan# 535
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.8	52.2	78.2		
227	61.1	51.3	76.9		





#35

Caprolactam

Concen: 42.80 ng

RT: 8.58 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:113 Resp: 55273

Ion Ratio Lower Upper

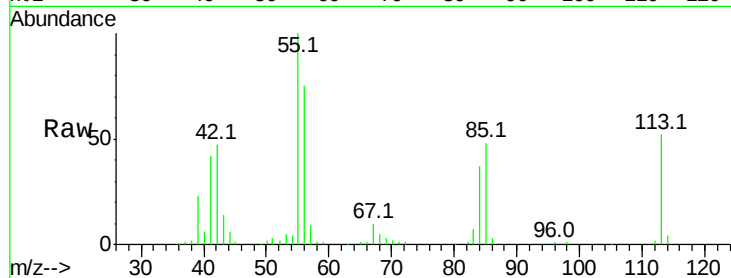
113 100

55 190.5 149.7 189.7#

56 142.6 105.4 145.4

Manual Integrations
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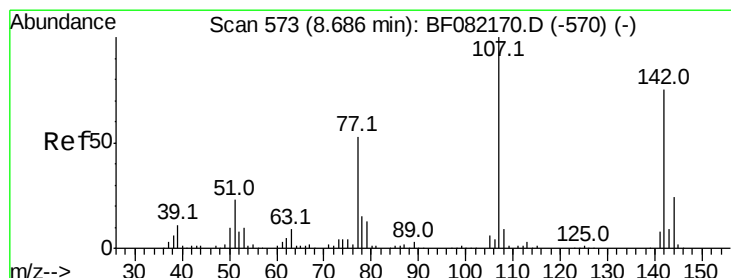
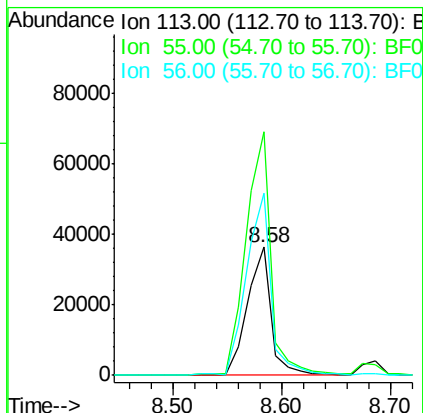
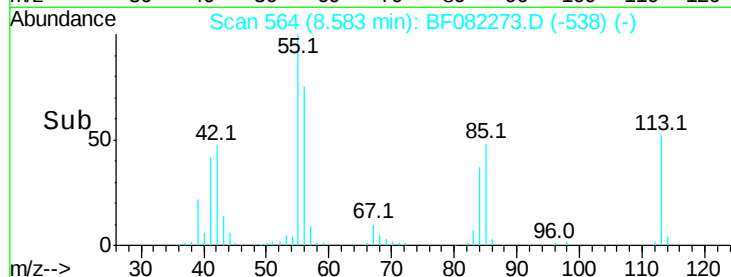
MMdadoda
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 41.14 ng

RT: 8.69 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

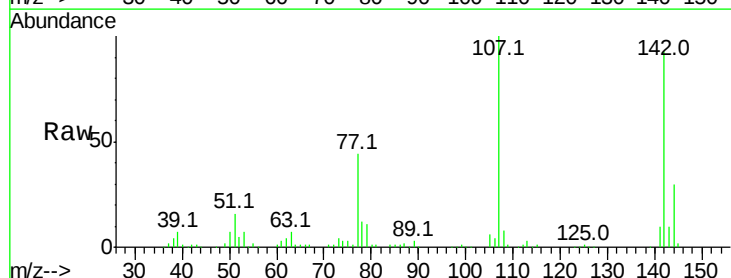
Tgt Ion:107 Resp: 179023

Ion Ratio Lower Upper

107 100

144 30.3 19.3 28.9#

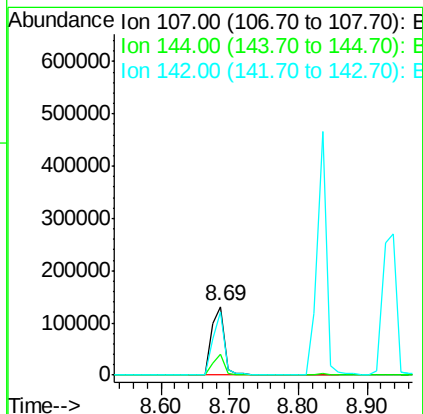
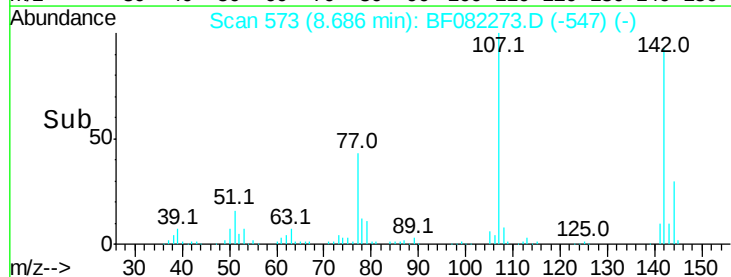
142 93.0 59.9 89.9#

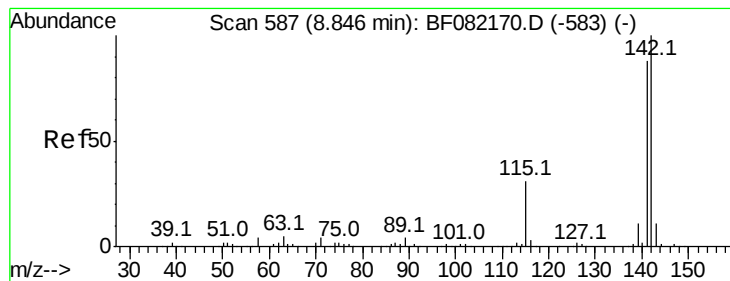


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





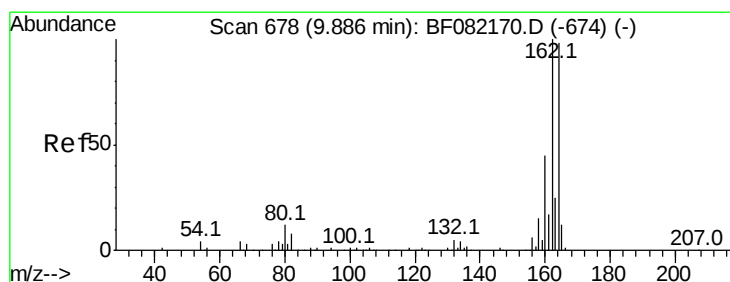
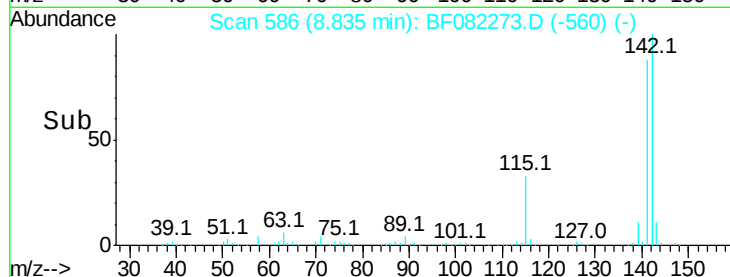
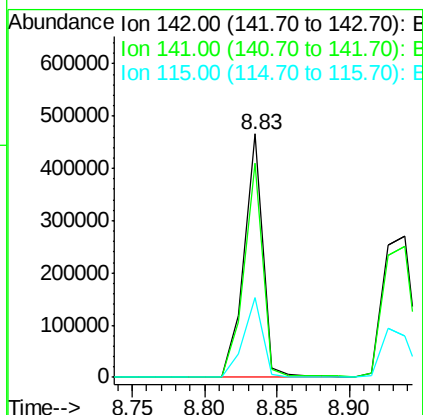
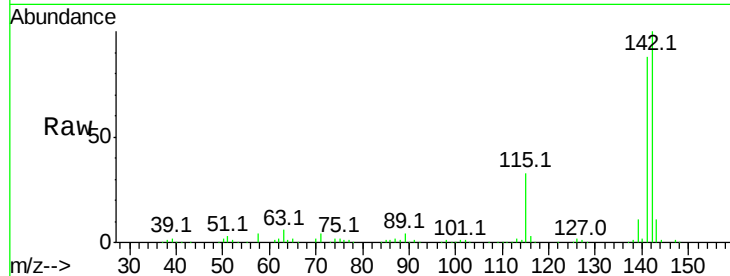
#37
2-Methylnaphthalene
Concen: 40.84 ng
RT: 8.83 min Scan# 586
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.4	105.6
115	32.7	24.6	37.0

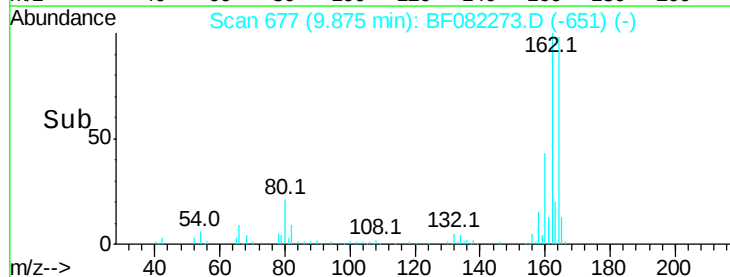
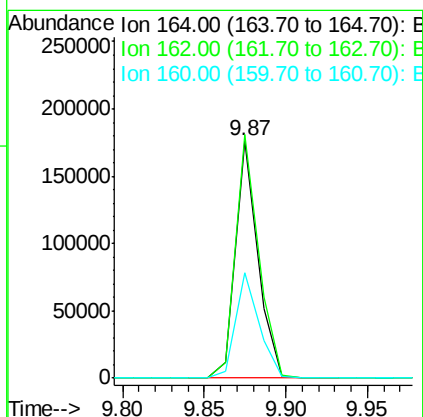
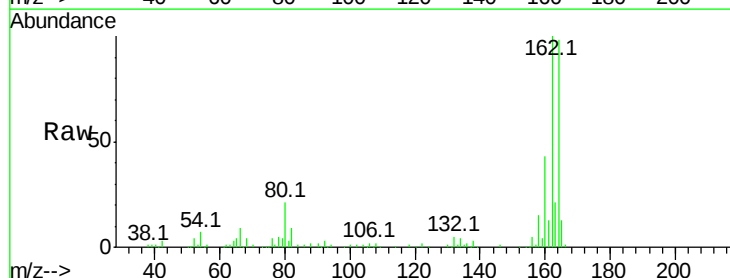
Manual Integrations
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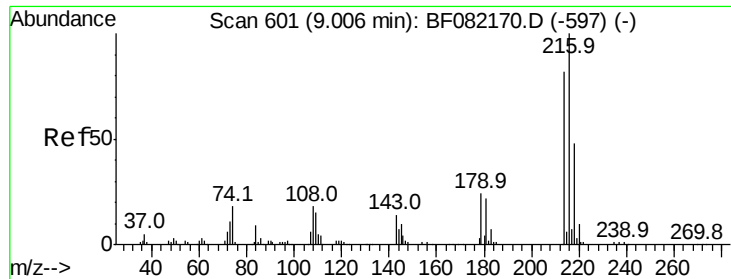
MMdadoda
10/14/2015 3:51:26 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.6	122.4
160	44.2	36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.13 ng

RT: 8.99 min Scan# 600

Delta R.T. 0.00 min

Lab File: BF082273.D

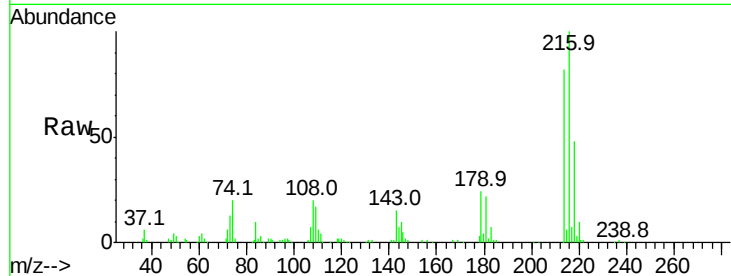
Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

ClientSampleId :

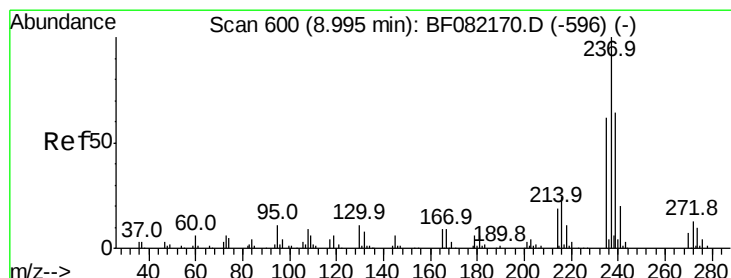
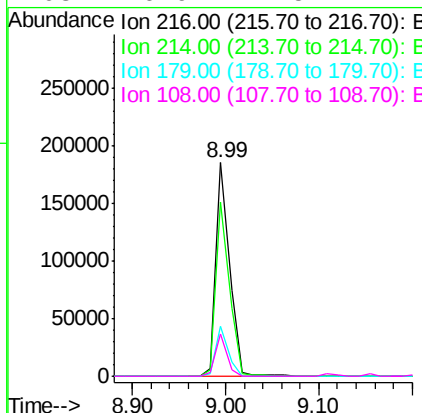
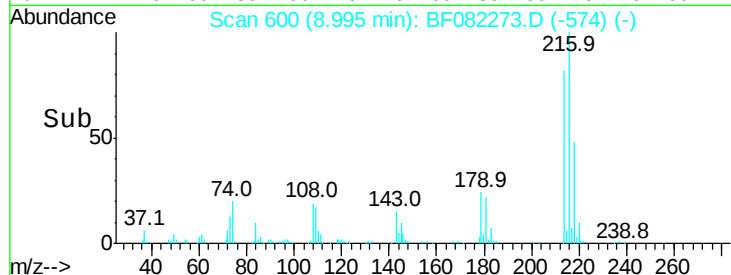
SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
216	100	188034		
214	80.7	64.6	97.0	
179	21.3	17.6	26.4	
108	16.9	14.5	21.7	

Manual Integrations
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#40

Hexachlorocyclopentadiene

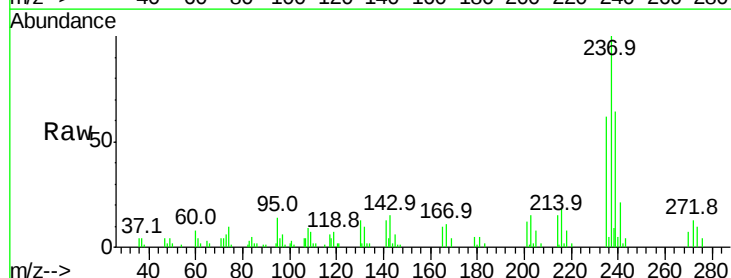
Concen: 18.94 ng

RT: 8.98 min Scan# 599

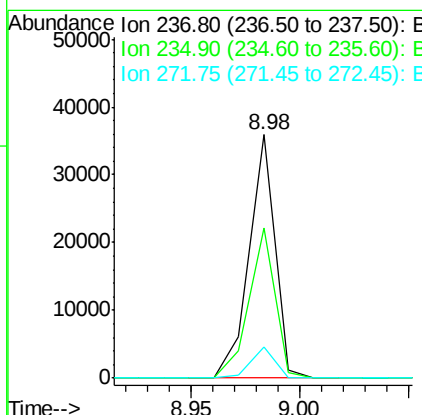
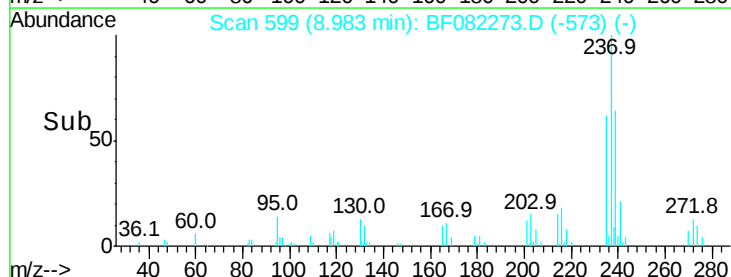
Delta R.T. 0.00 min

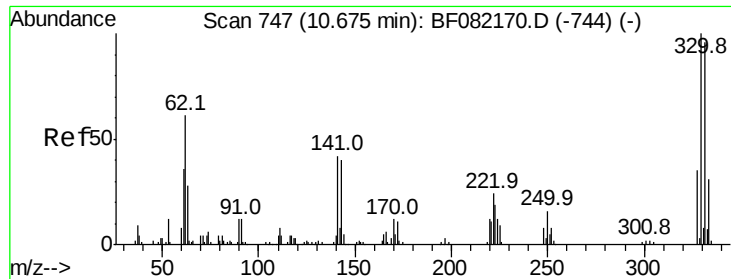
Lab File: BF082273.D

Acq: 14 Oct 2015 00:19



Tgt Ion	Ratio	Resp	Lower	Upper
237	100	29603		
235	61.6	41.7	81.7	
272	12.6	0.0	32.8	





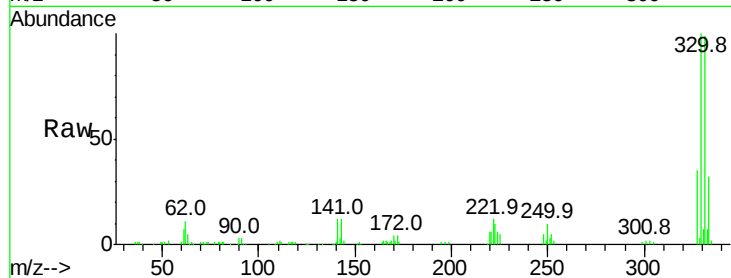
#41
 2,4,6-Tribromophenol
 Concen: 80.26 ng
 RT: 10.67 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

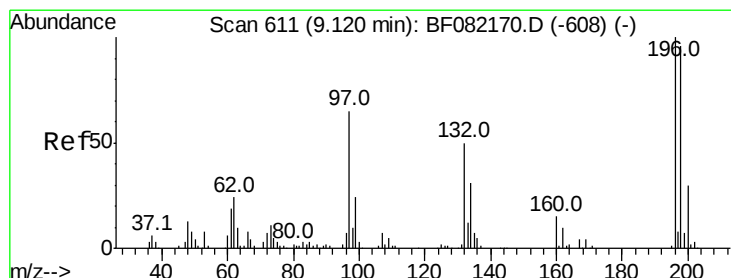
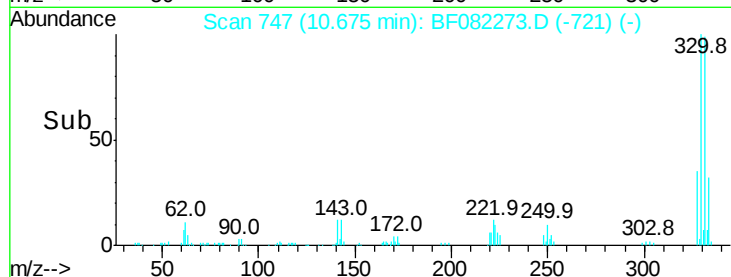
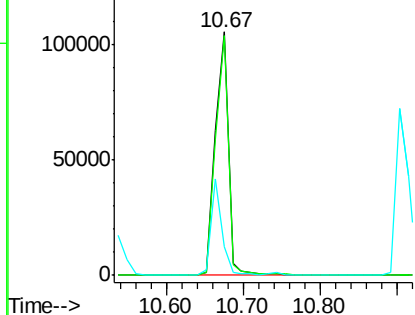
Tot Ion	Ratio	Resp	Lower	Upper
330	100	124792		
332	96.5	77.1	115.7	
141	32.6	29.8	44.8	

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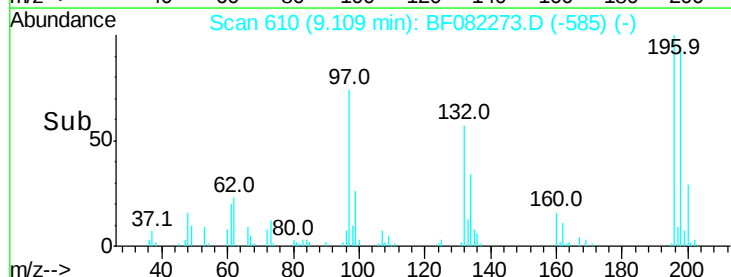
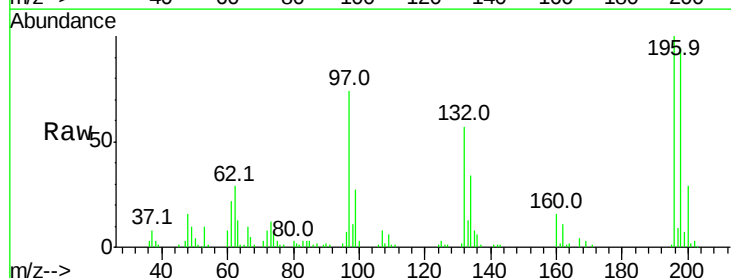
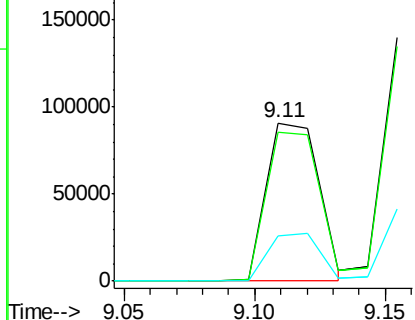
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

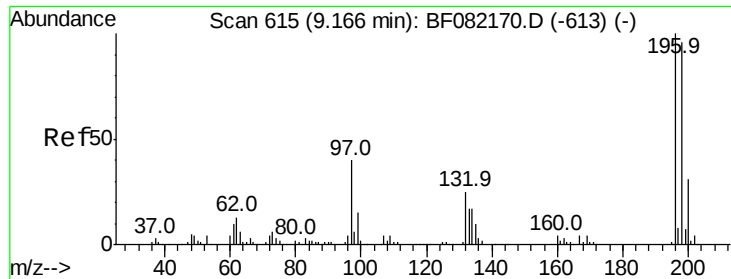


#42
 2,4,6-Trichlorophenol
 Concen: 39.03 ng
 RT: 9.11 min Scan# 610
 Delta R.T. -0.01 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	127848		
198	94.3	76.6	115.0	
200	28.8	23.7	35.5	

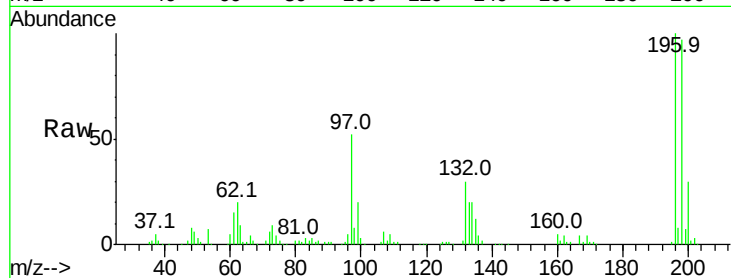
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





#43
 2,4,5-Trichlorophenol
 Concen: 39.66 ng
 RT: 9.15 min Scan# 614
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

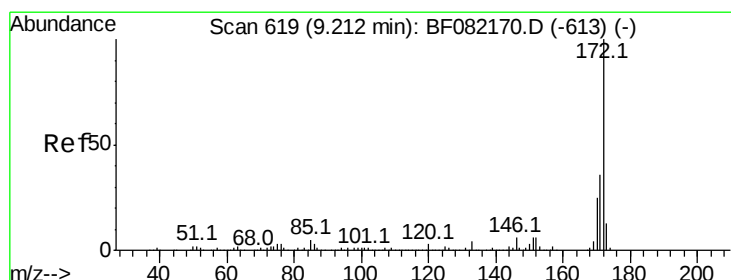
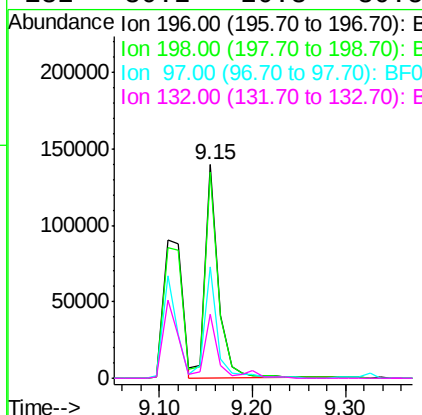
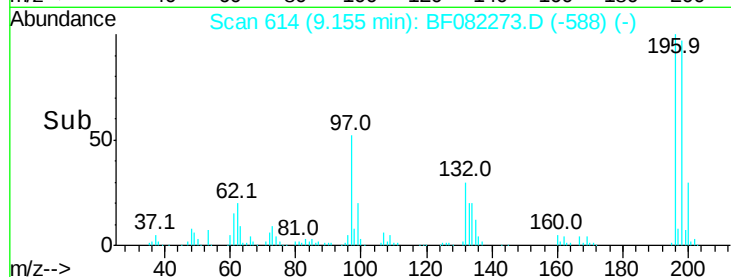
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



Tot Ion	Ratio	Resp	Lower	Upper
196	100	140731		
198	96.6	77.0	115.4	
97	52.3	31.9	47.9	
132	30.2	20.3	30.5	

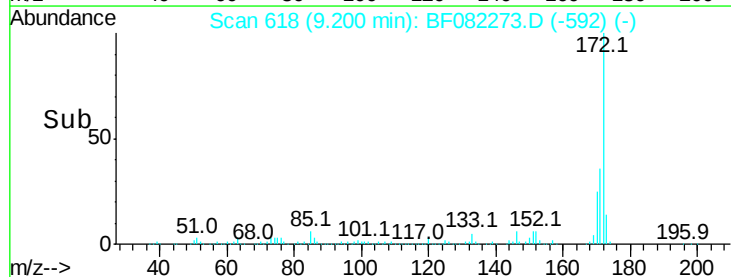
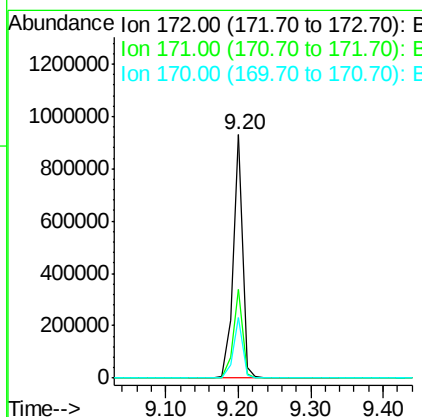
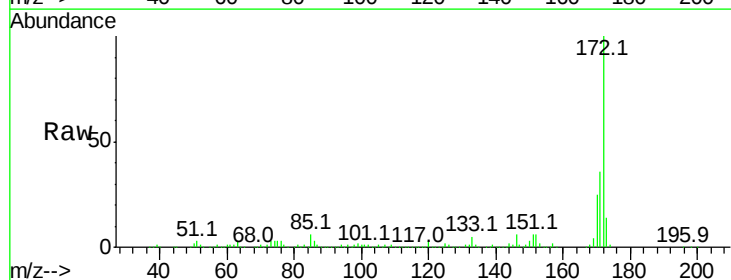
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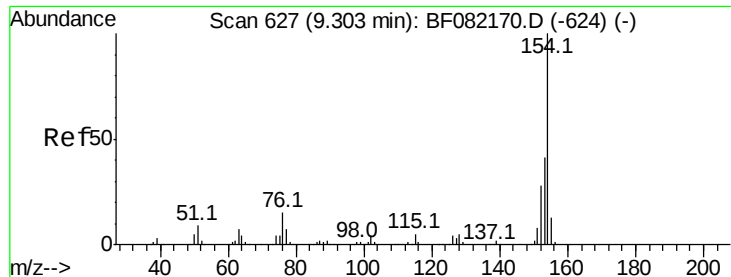
MMdadoda
 10/14/2015 3:51:26 PM



#44
 2-Fluorobiphenyl
 Concen: 83.81 ng
 RT: 9.20 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	837946		
171	36.2	28.6	42.8	
170	24.7	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 40.14 ng

RT: 9.30 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

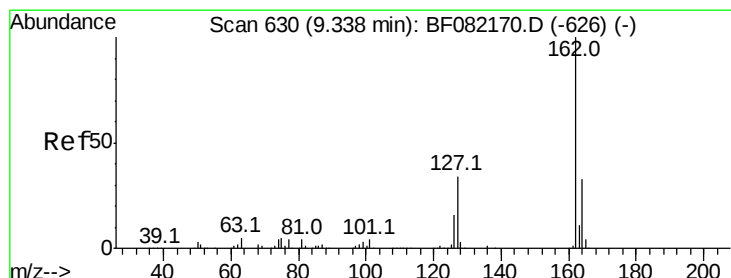
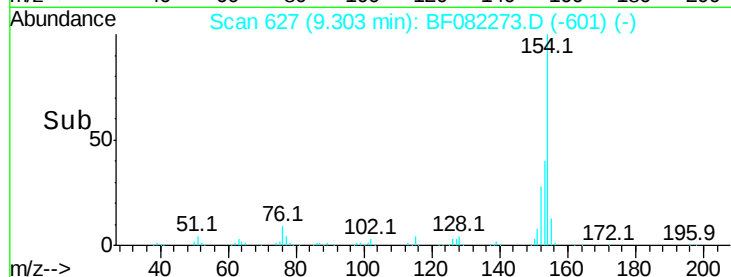
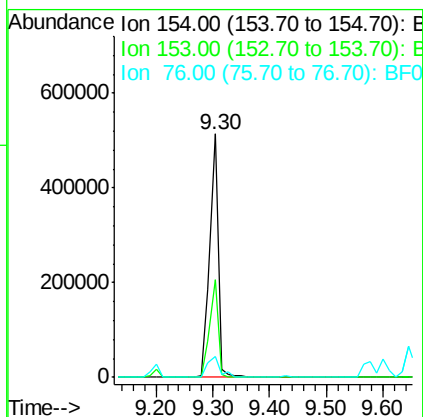
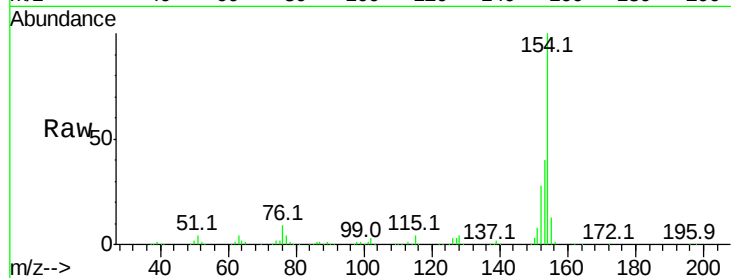
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	507529
Ion Ratio	Lower	Upper	
154	100		
153	40.2	20.6	60.6
76	8.7	0.0	35.2

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#46

2-Chloronaphthalene

Concen: 41.03 ng

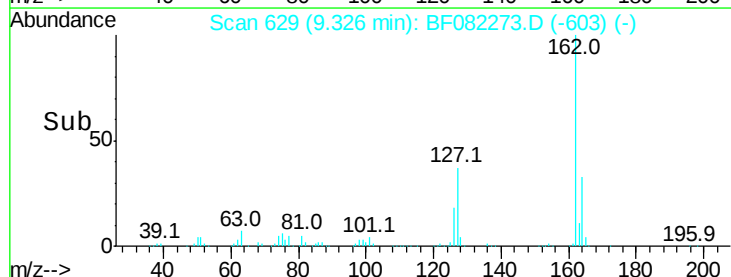
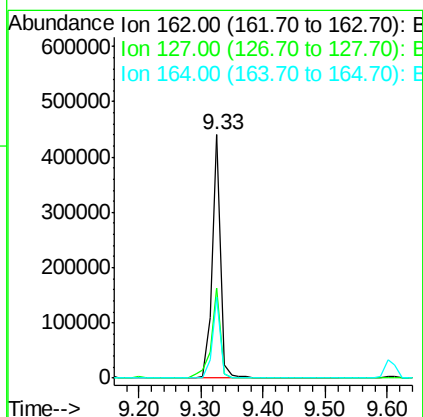
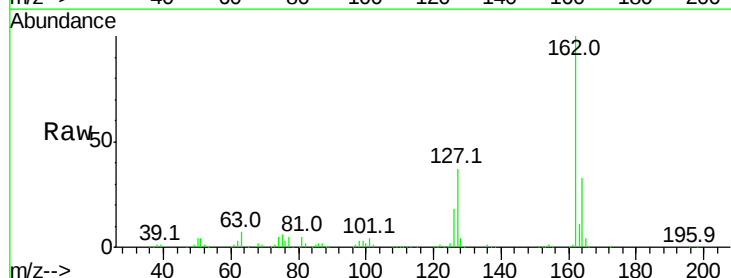
RT: 9.33 min Scan# 629

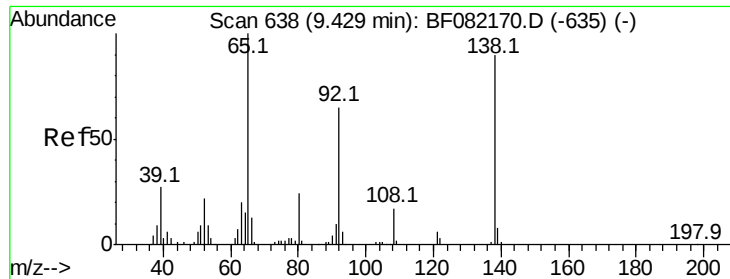
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	162	Resp:	408417
Ion Ratio	Lower	Upper	
162	100		
127	37.1	27.5	41.3
164	33.3	26.6	39.8





#47

2-Nitroaniline

Concen: 46.36 ng

RT: 9.43 min Scan# 638

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

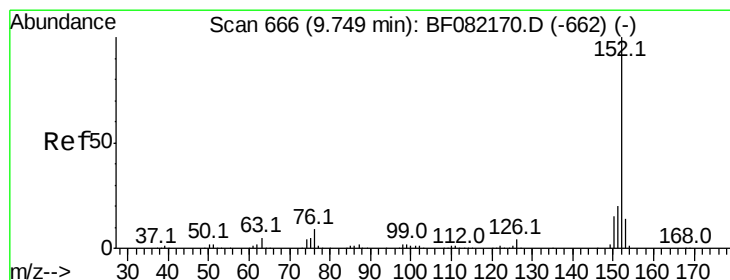
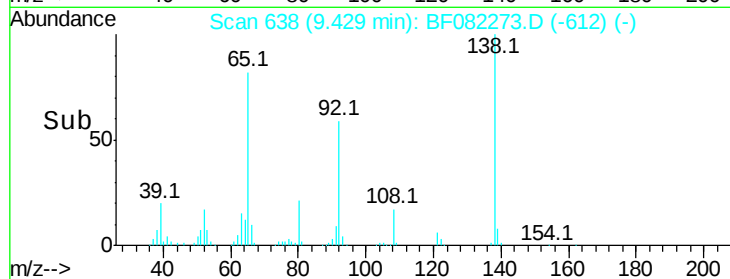
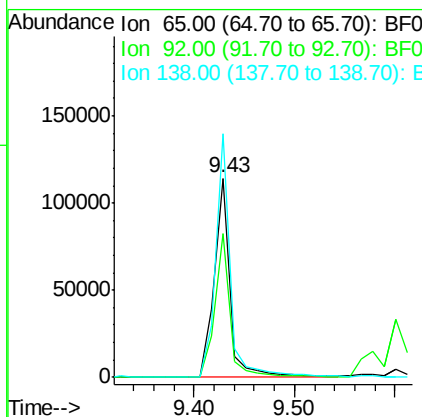
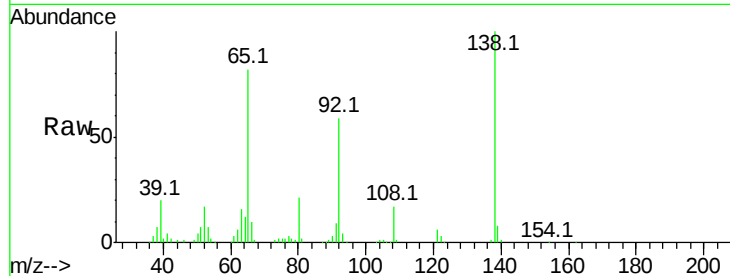
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
65	100		
92	72.2	52.3	78.5
138	122.4	72.2	108.4



#48

Acenaphthylene

Concen: 38.63 ng

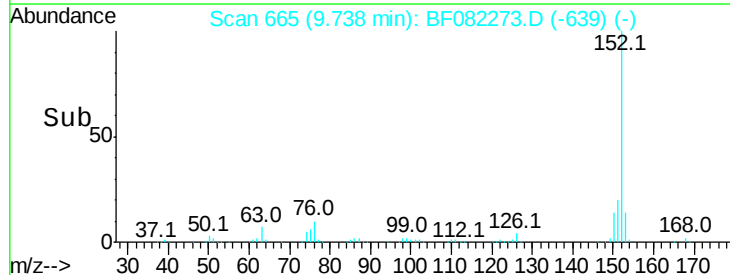
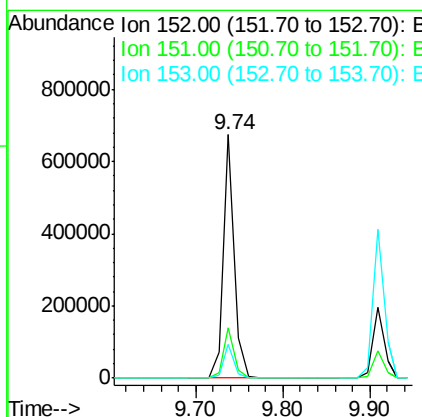
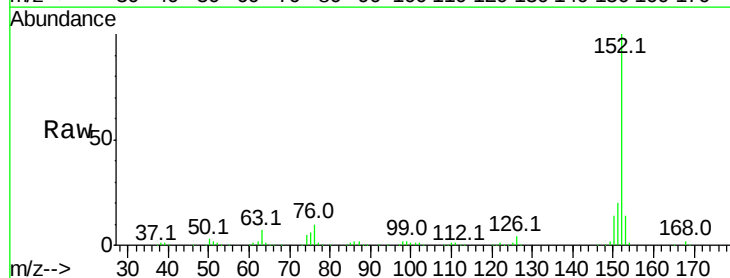
RT: 9.74 min Scan# 665

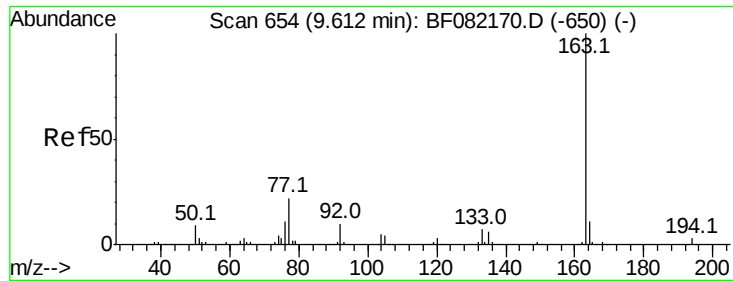
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.4	24.6
153	13.7	10.8	16.2





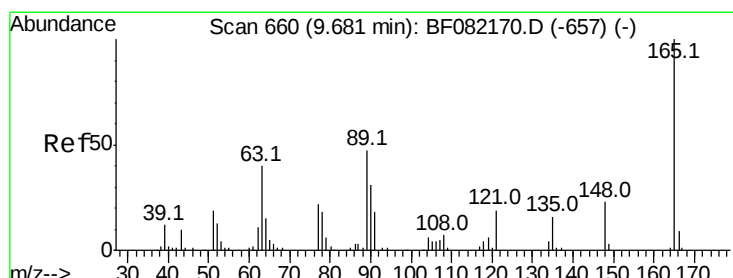
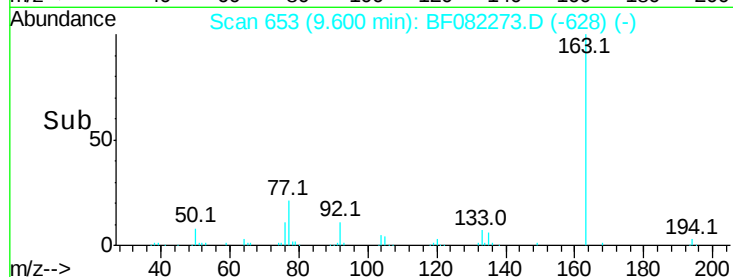
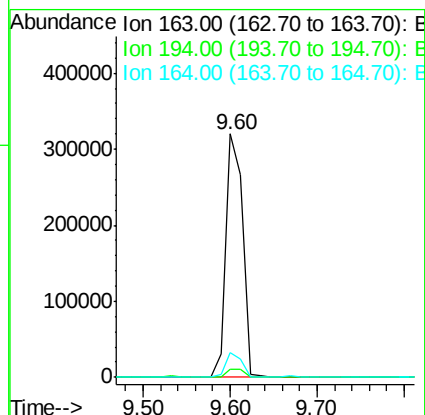
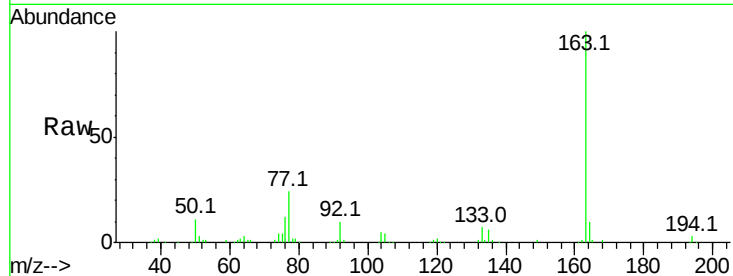
#49
Dimethylphthalate
Concen: 36.86 ng
RT: 9.60 min Scan# 653
Delta R.T. -0.01 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.2	2.6	4.0	
164	10.4	8.5	12.7	

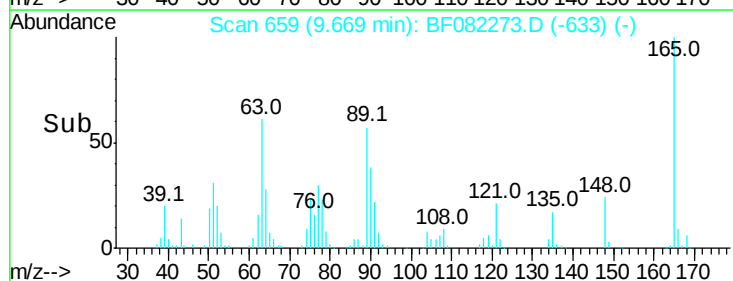
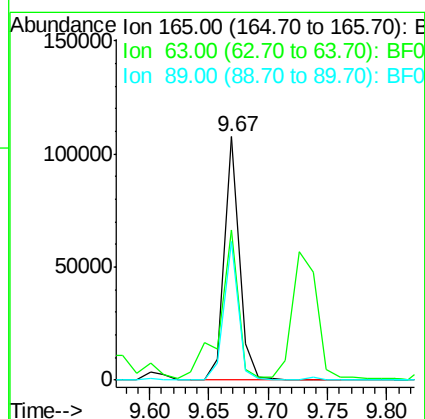
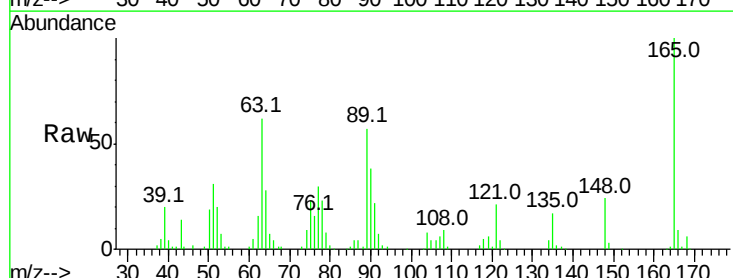
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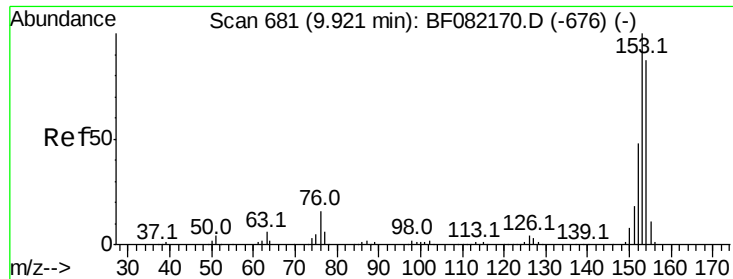
MMdadoda
10/14/2015 3:51:26 PM



#50
2,6-Dinitrotoluene
Concen: 37.87 ng
RT: 9.67 min Scan# 659
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	61.6	36.7	55.1#	
89	57.1	37.8	56.6#	





#51

Acenaphthene

Concen: 36.34 ng

RT: 9.91 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

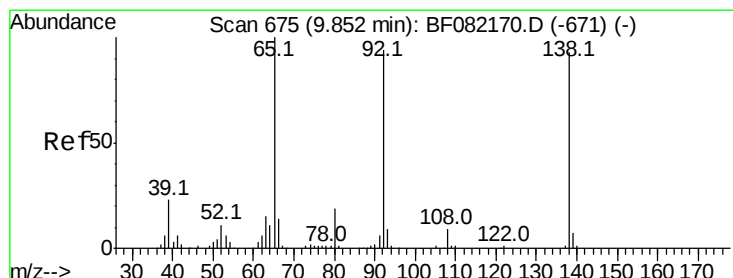
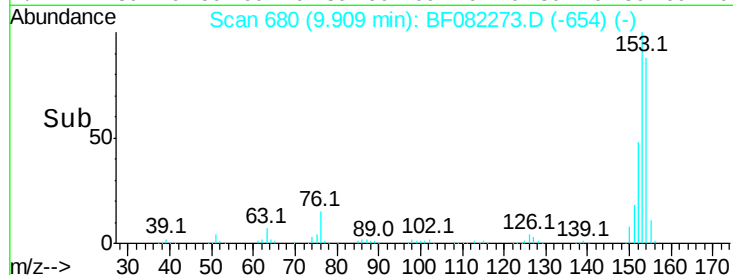
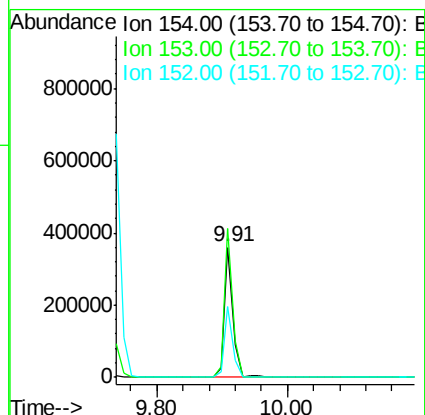
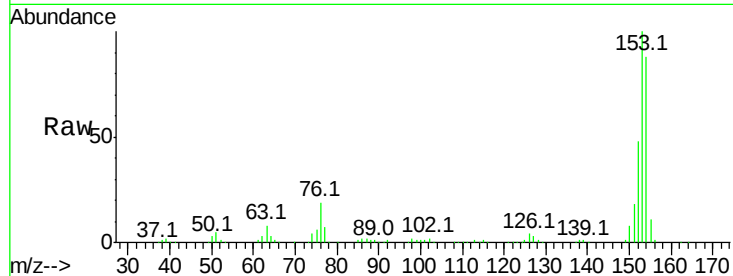
ClientSampleId :

SSTDCCC040EC

Tot Ion:	154	Resp:	338247
Ion Ratio	Lower	Upper	
154	100		
153	114.2	91.4	137.2
152	54.3	44.3	66.5

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#52

3-Nitroaniline

Concen: 42.73 ng

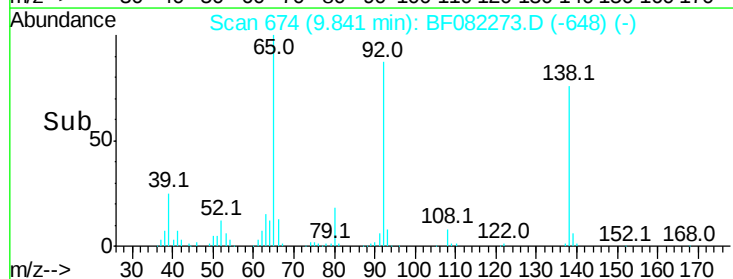
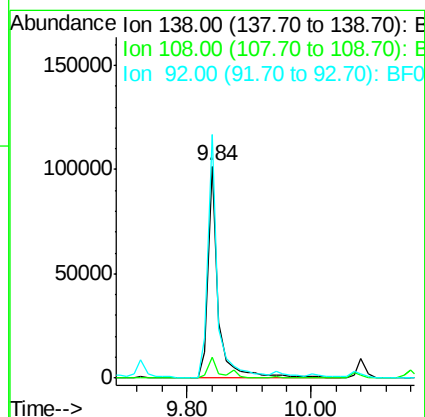
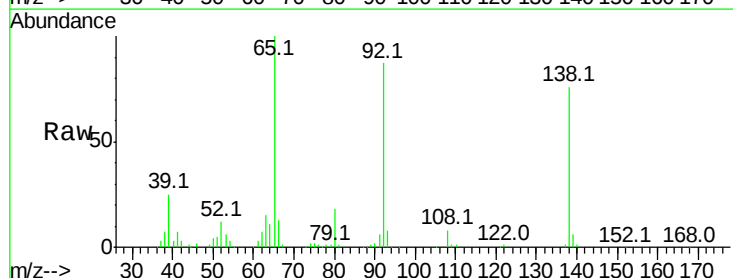
RT: 9.84 min Scan# 674

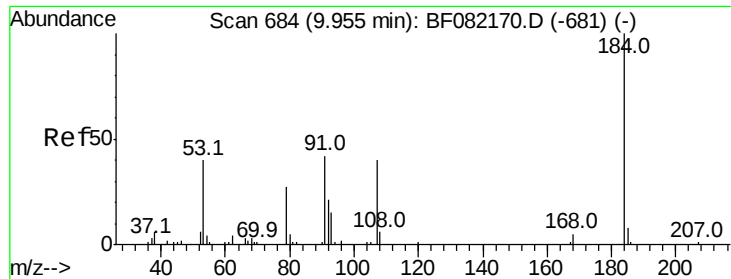
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	138	Resp:	118904
Ion Ratio	Lower	Upper	
138	100		
108	10.1	7.4	11.0
92	114.8	81.3	121.9





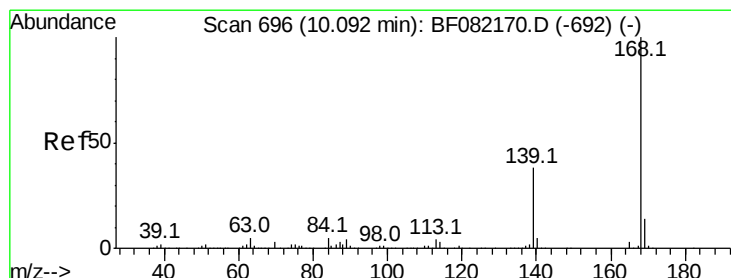
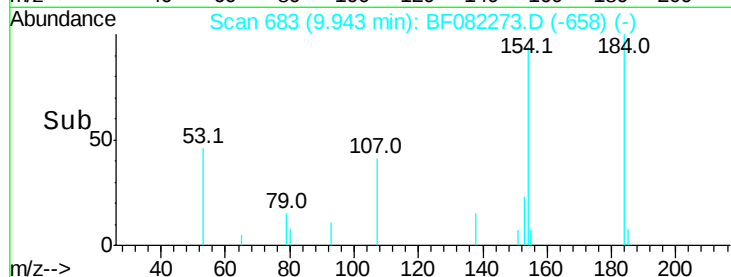
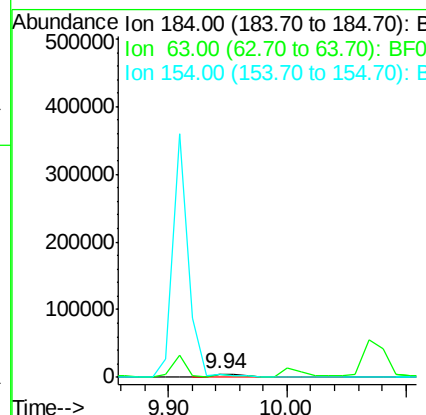
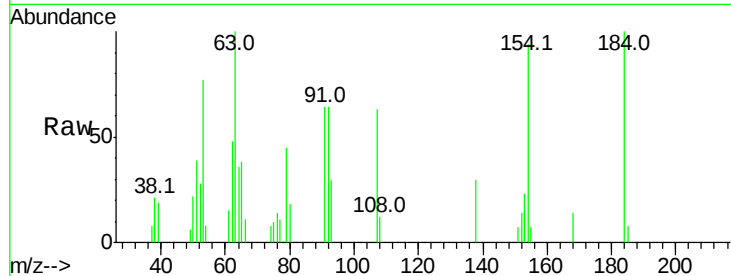
#53
2,4-Dinitrophenol
Concen: 14.11 ng
RT: 9.94 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	100.1	45.1	67.7#	
154	93.7	51.2	76.8#	

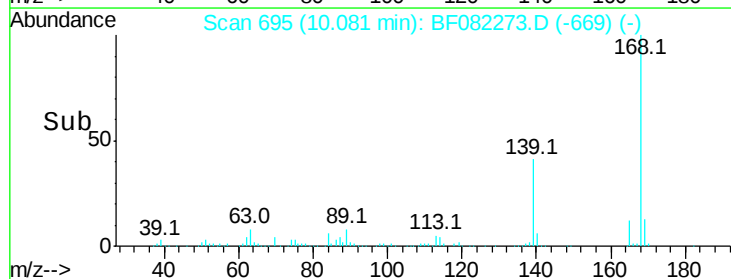
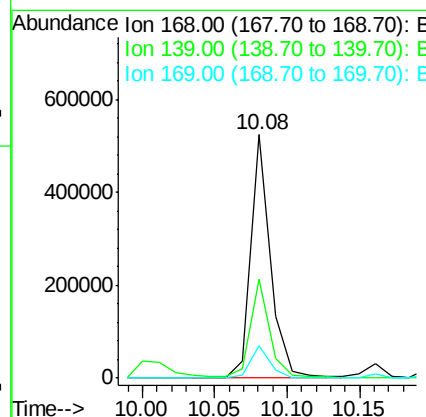
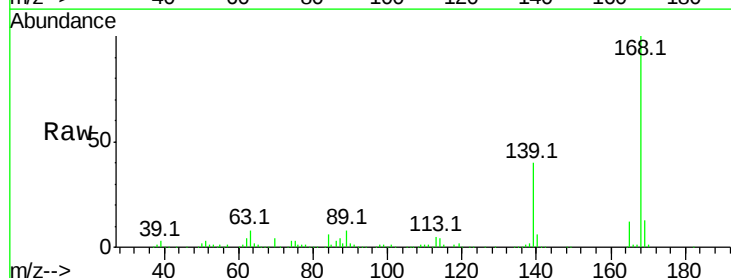
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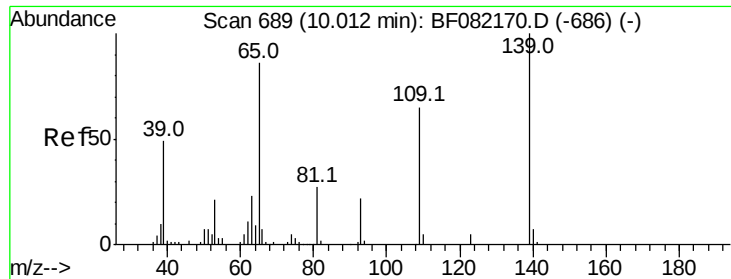
MMdadoda
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#54
Dibenzofuran
Concen: 38.80 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	40.4	31.0	46.6	
169	13.4	10.9	16.3	





#55

4-Nitrophenol

Concen: 42.93 ng

RT: 10.00 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

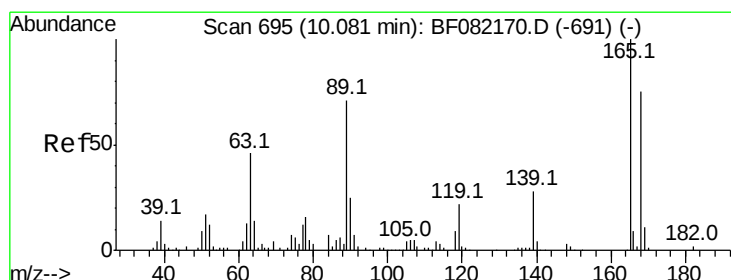
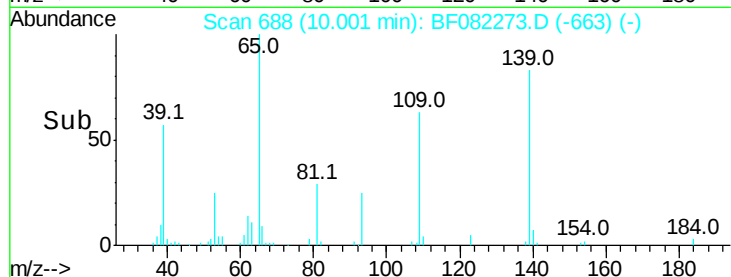
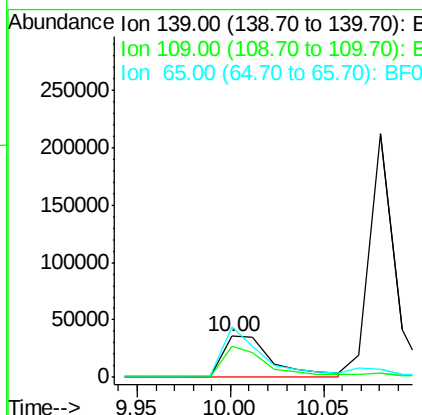
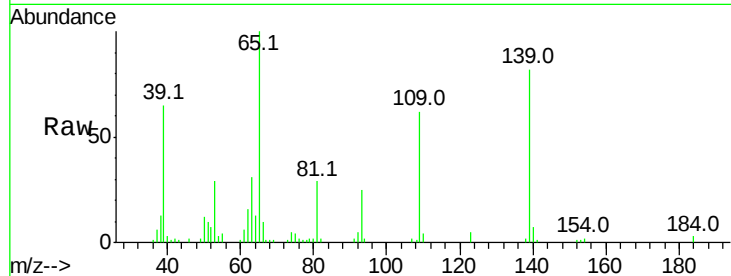
ClientSampleId :

SSTDCCC040EC

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Tot Ion	Ratio	Lower	Upper
139	100		
109	75.9	44.8	84.8
65	122.3	67.7	107.7#



#56

2,4-Dinitrotoluene

Concen: 38.12 ng

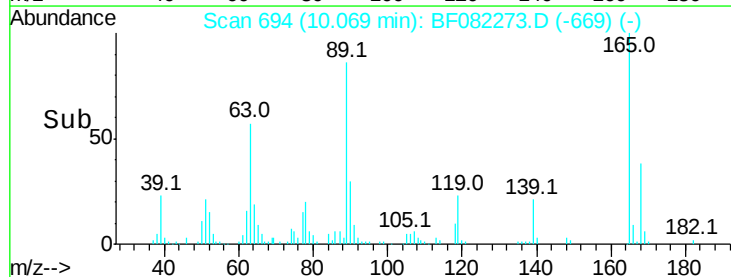
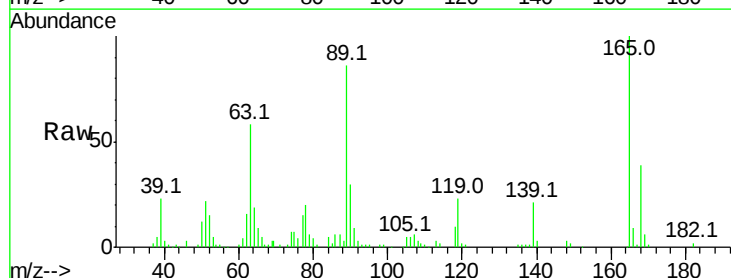
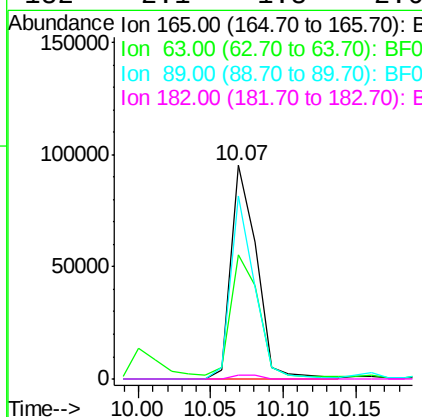
RT: 10.07 min Scan# 694

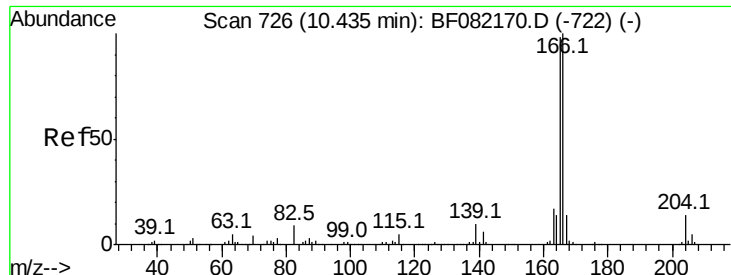
Delta R.T. -0.01 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	58.2	38.6	58.0#
89	85.5	57.0	85.6
182	2.1	1.8	2.6





#57

Fluorene

Concen: 36.63 ng

RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:166 Resp: 384519

Ion Ratio Lower Upper

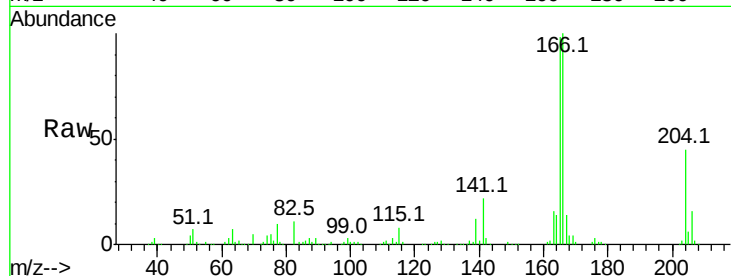
166 100

165 98.4 78.3 117.5

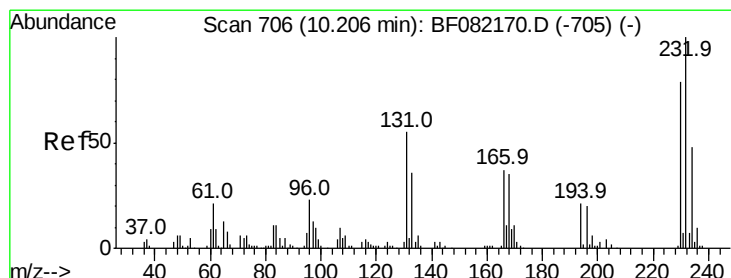
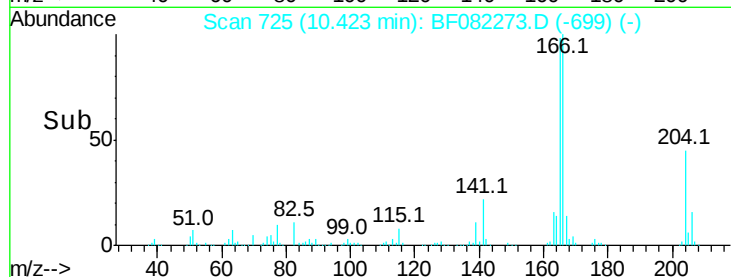
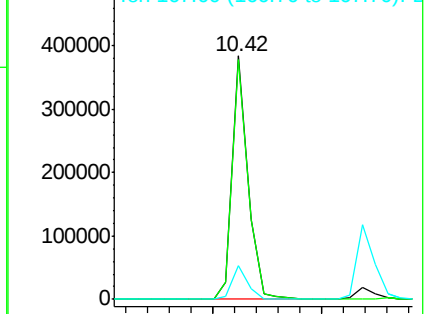
167 13.7 10.8 16.2

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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.48 ng

RT: 10.21 min Scan# 706

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:232 Resp: 117350

Ion Ratio Lower Upper

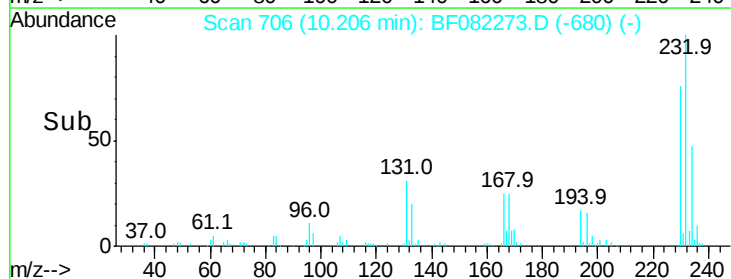
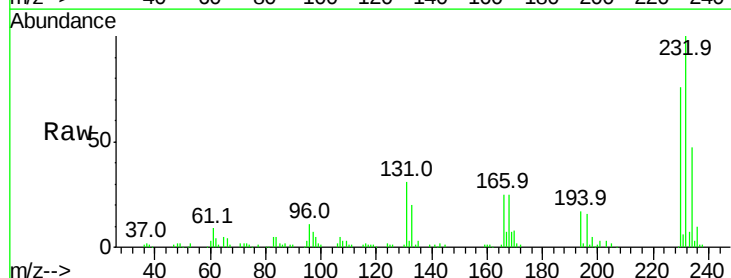
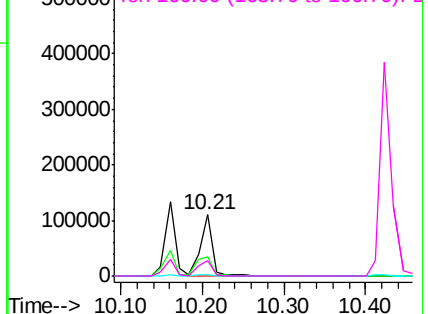
232 100

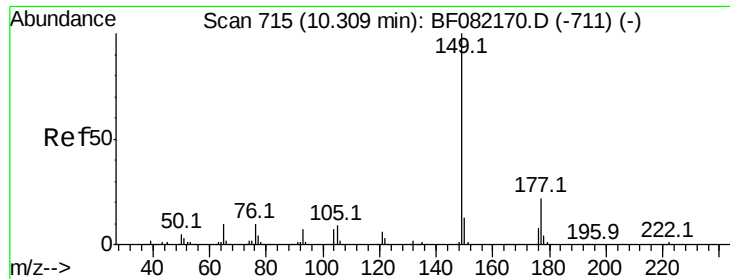
131 41.3 36.6 54.8

130 1.7 1.5 2.3

166 29.0 24.6 37.0

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





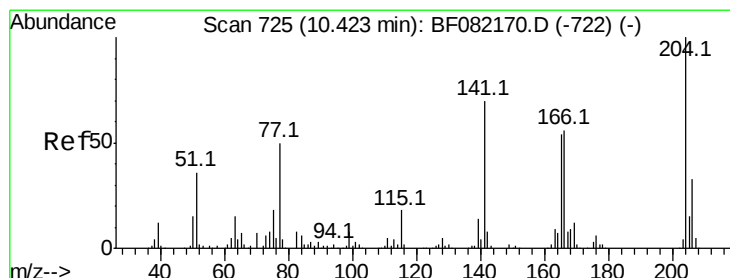
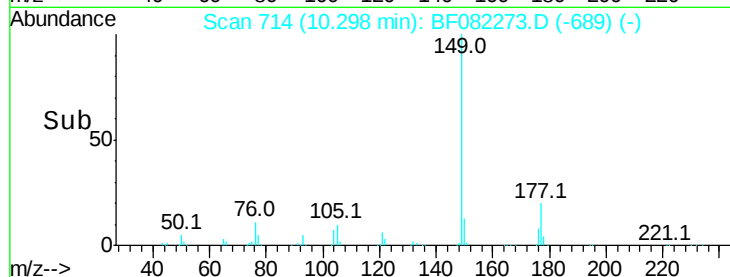
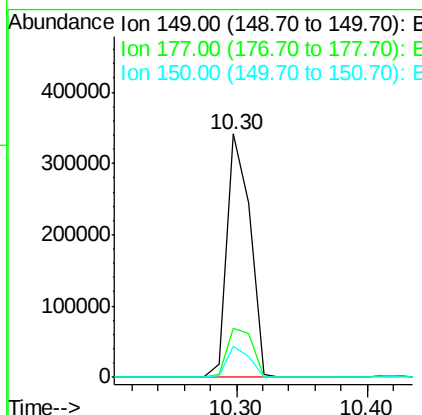
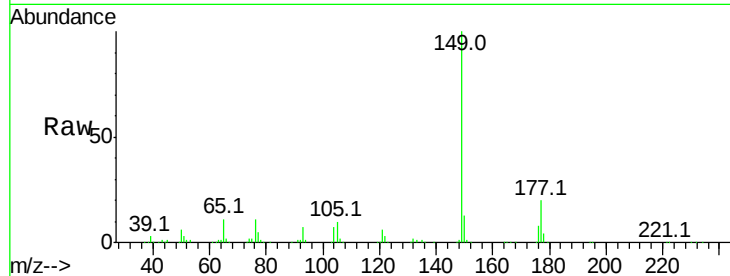
#59
Diethylphthalate
Concen: 38.50 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100	419016		
177	20.3		17.6	26.4
150	12.7		10.3	15.5

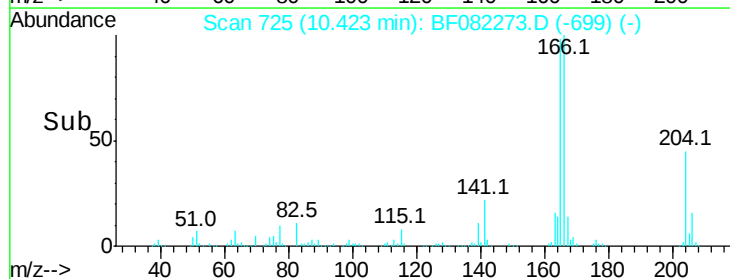
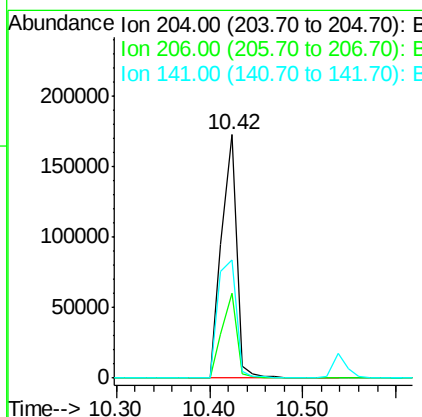
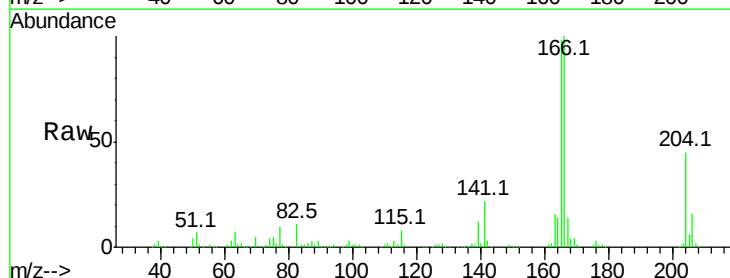
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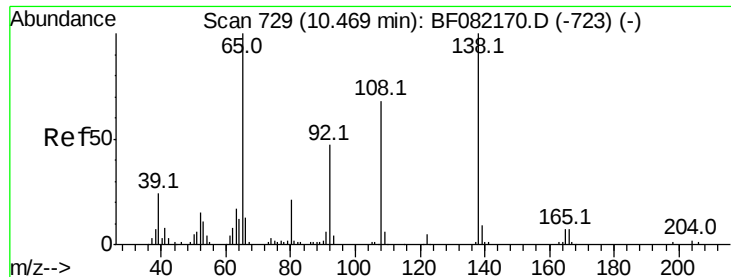
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#60
4-Chlorophenyl-phenylether
Concen: 40.33 ng
RT: 10.42 min Scan# 725
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	193918		
206	34.9		26.8	40.2
141	48.5		56.1	84.1#





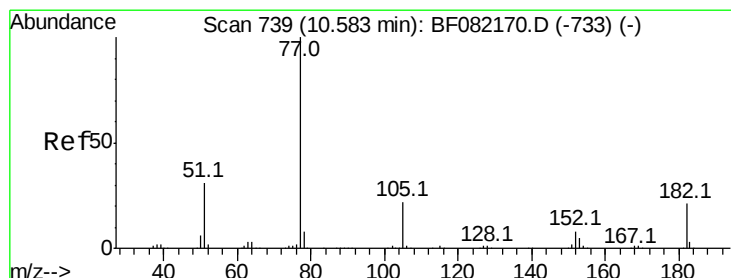
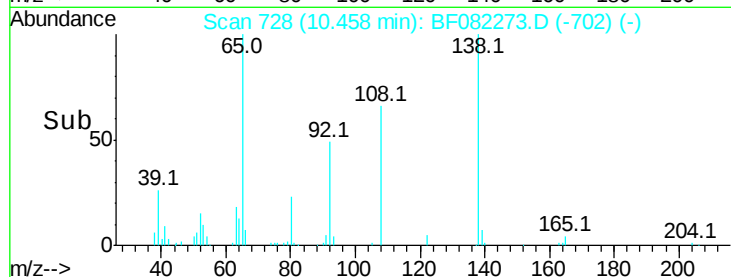
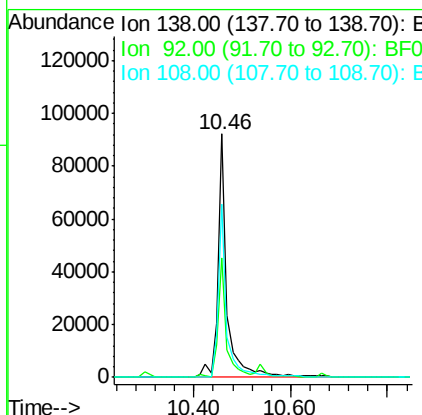
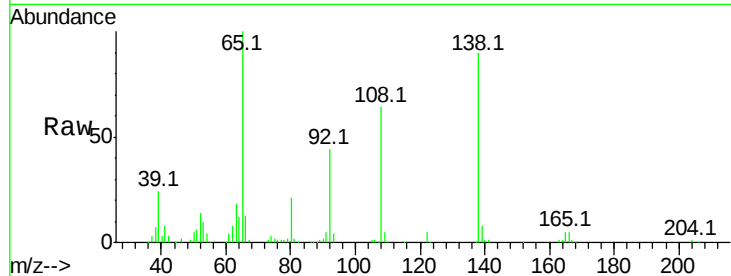
#61
4-Nitroaniline
Concen: 45.99 ng
RT: 10.46 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.8	26.8	66.8
108	71.0	48.4	88.4

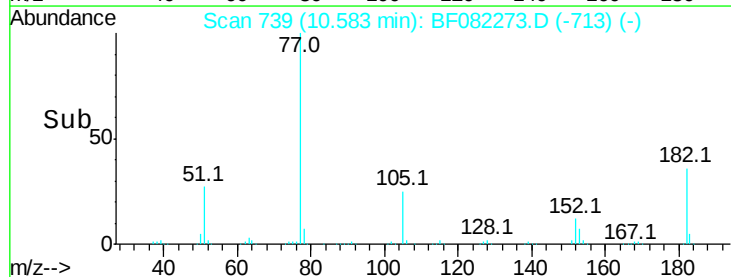
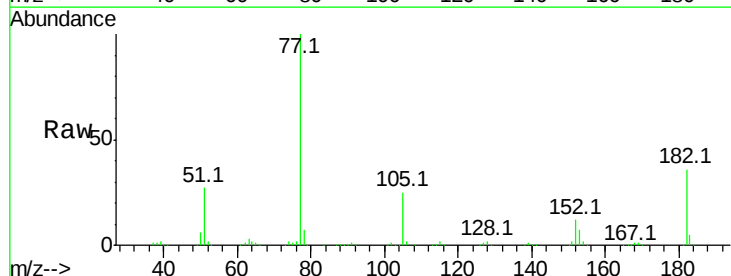
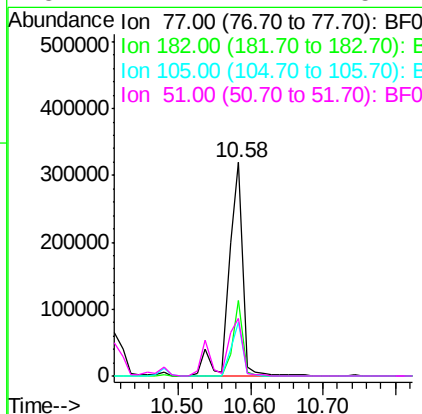
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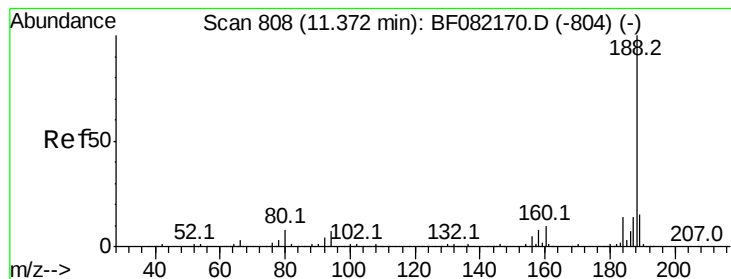
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#62
Azobenzene
Concen: 38.88 ng
RT: 10.58 min Scan# 739
Delta R.T. 0.00 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	35.7	0.5	40.5
105	25.2	1.8	41.8
51	27.2	11.2	51.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

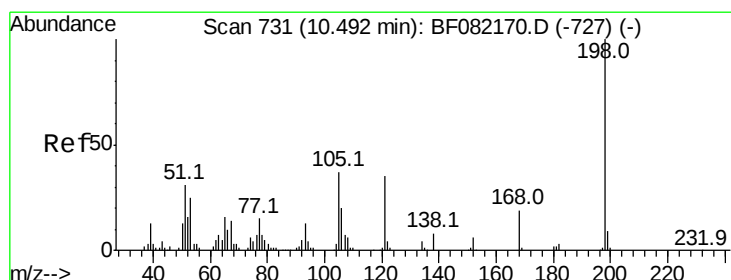
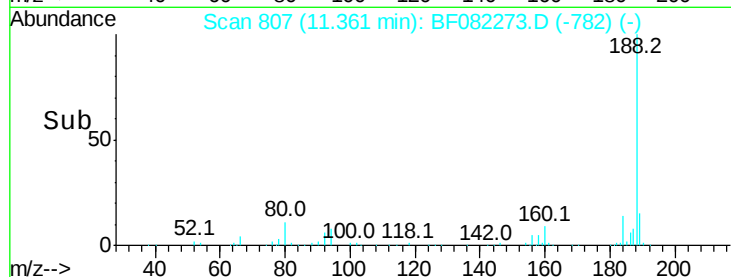
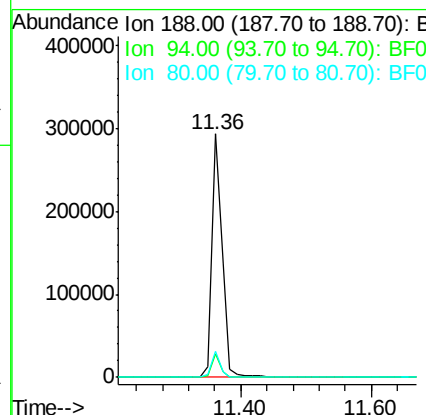
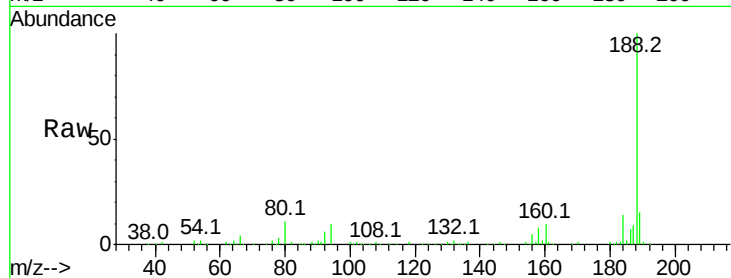
ClientSampleId :

SSTDCCC040EC

Tot Ion:	188	Resp:	321109
Ion Ratio	Lower	Upper	
188	100		
94	9.8	5.8	8.6#
80	10.8	6.4	9.6#

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#64

4,6-Dinitro-2-methylphenol

Concen: 14.07 ng

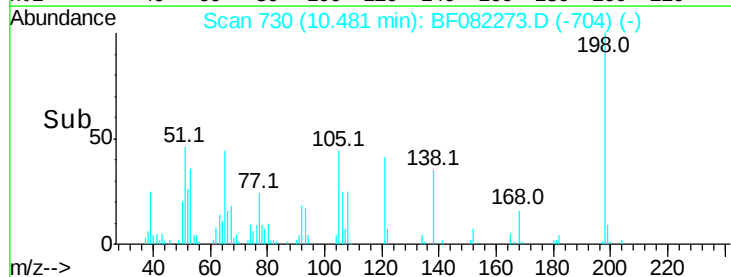
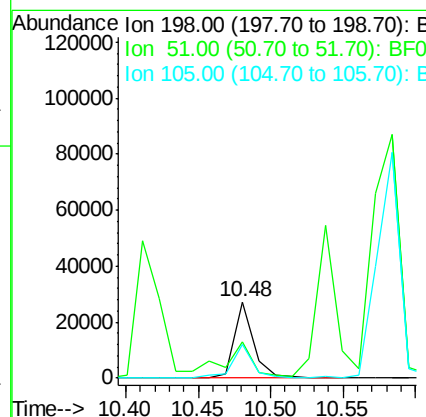
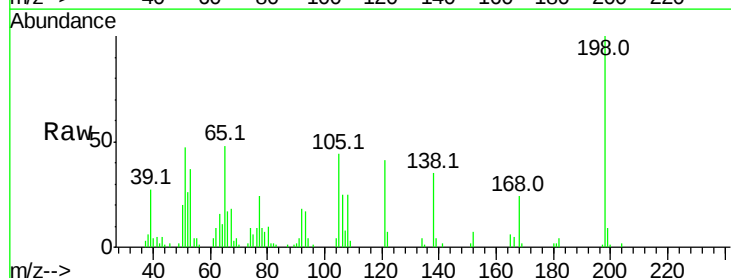
RT: 10.48 min Scan# 730

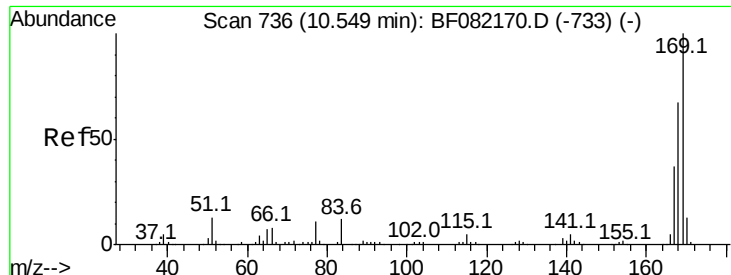
Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	198	Resp:	25350
Ion Ratio	Lower	Upper	
198	100		
51	47.3	13.6	53.6
105	44.0	17.1	57.1





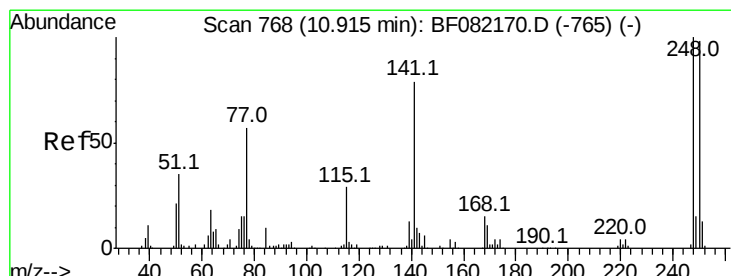
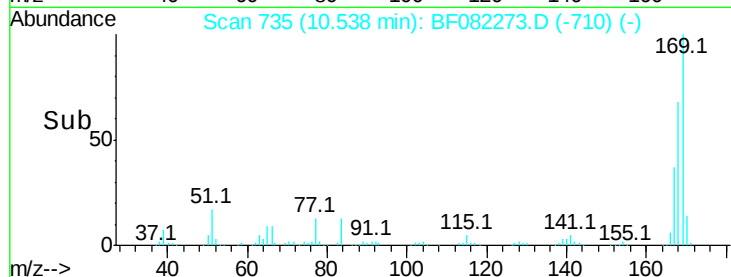
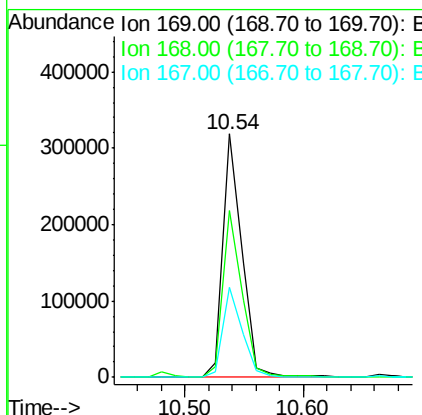
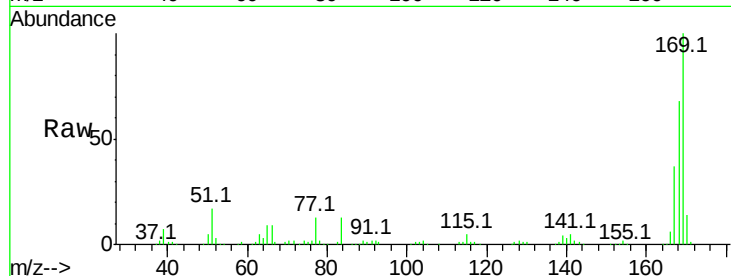
#65
 n-Nitrosodiphenylamine
 Concen: 36.69 ng
 RT: 10.54 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
169	100	352718		
168	68.4		54.0	81.0
167	37.2		29.6	44.4

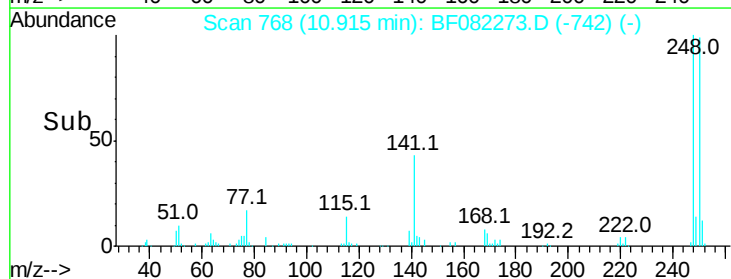
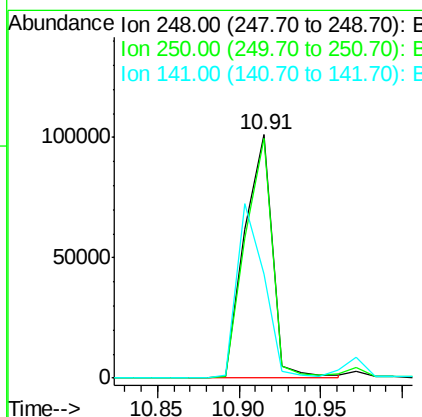
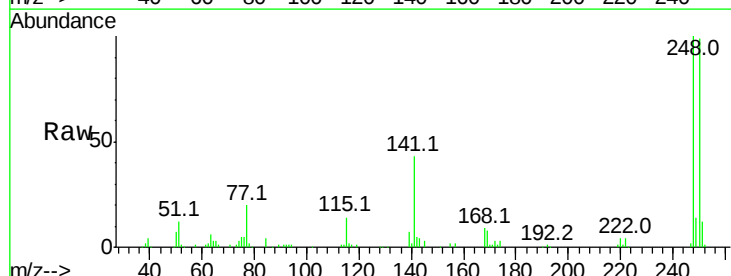
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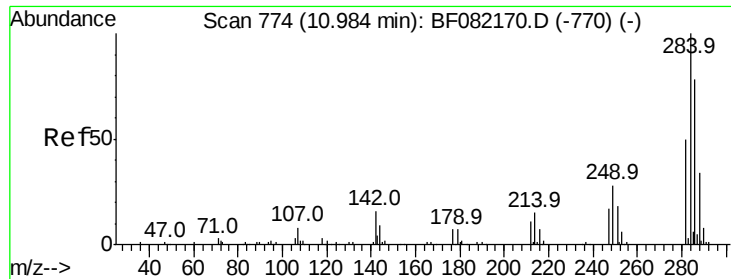
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#66
 4-Bromophenyl-phenylether
 Concen: 37.07 ng
 RT: 10.91 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	119118		
250	98.5		78.6	117.8
141	42.7		63.3	94.9#





#67

Hexachlorobenzene

Concen: 38.28 ng

RT: 10.97 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

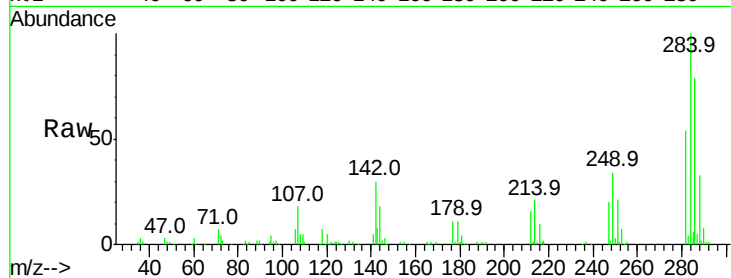
ClientSampleId :

SSTDCCC040EC

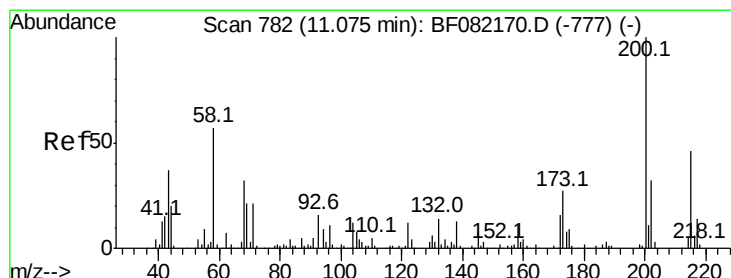
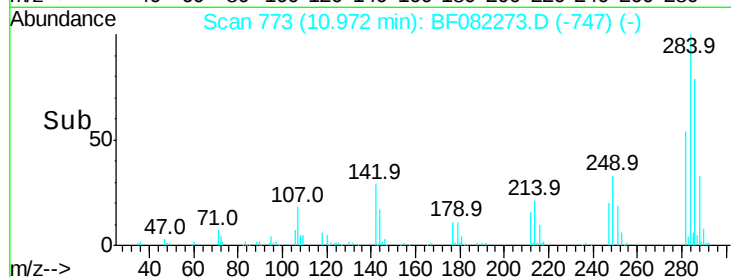
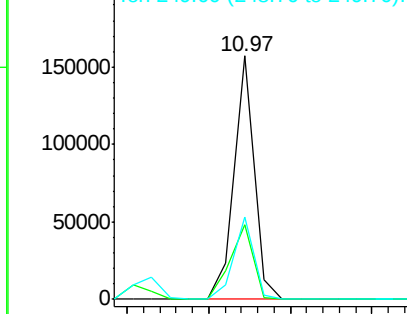
Tot Ion:	284	Resp:	133049
Ion Ratio		Lower	Upper
284	100		
142	30.5	13.0	19.6#
249	33.8	22.5	33.7#

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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: 40.12 ng

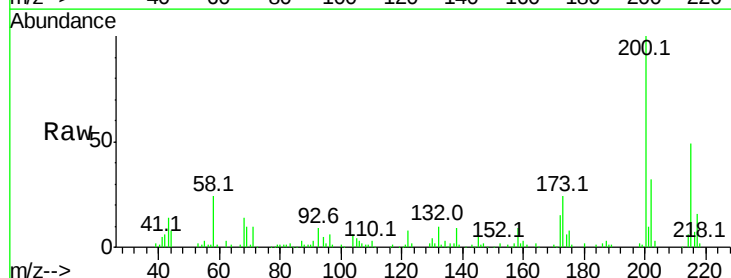
RT: 11.07 min Scan# 782

Delta R.T. 0.00 min

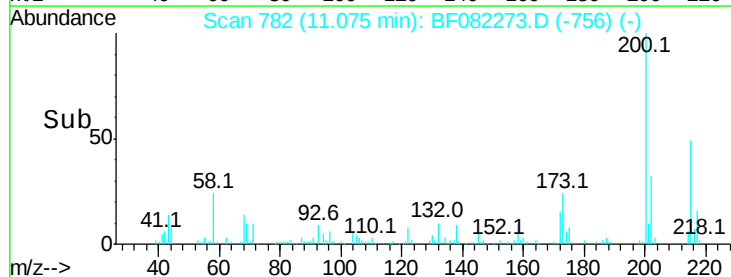
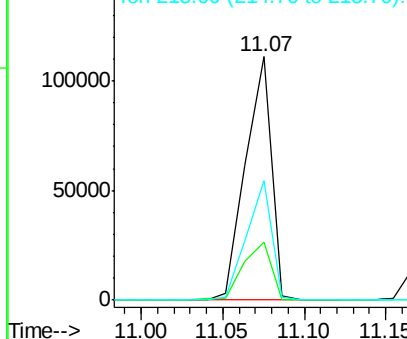
Lab File: BF082273.D

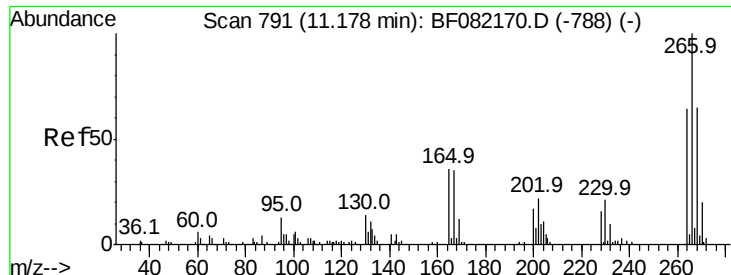
Acq: 14 Oct 2015 00:19

Tgt Ion:	200	Resp:	122201
Ion Ratio		Lower	Upper
200	100		
173	23.9	7.3	47.3
215	49.2	26.2	66.2



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





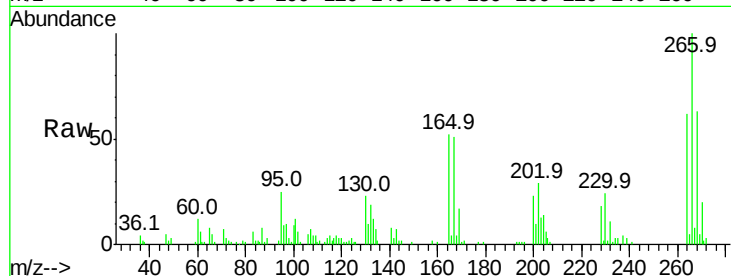
#69
 Pentachlorophenol
 Concen: 38.62 ng
 RT: 11.17 min Scan# 790
 Delta R.T. -0.01 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

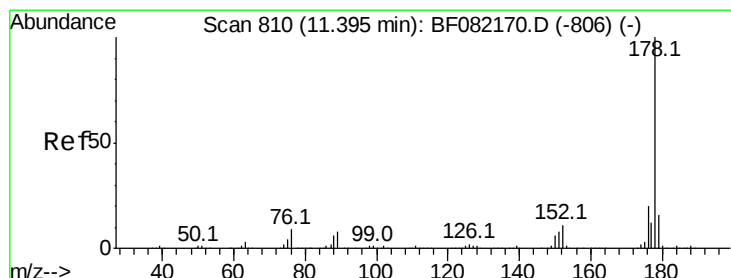
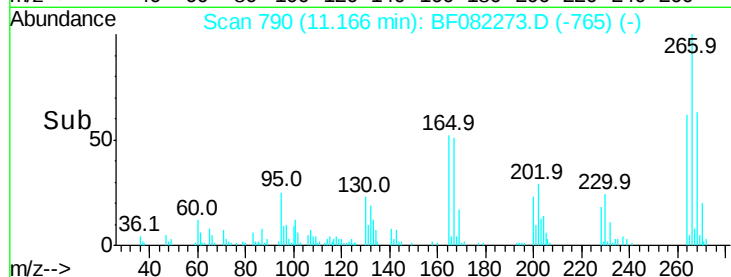
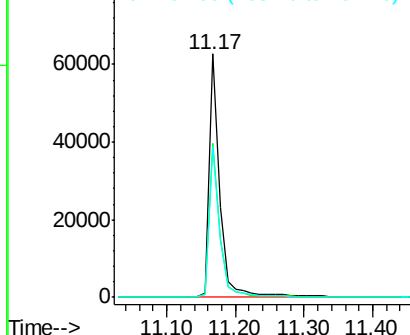
Tot Ion	Ratio	Resp	Lower	Upper
266	100	69063		
268	63.3	52.0	78.0	
264	62.2	51.4	77.0	

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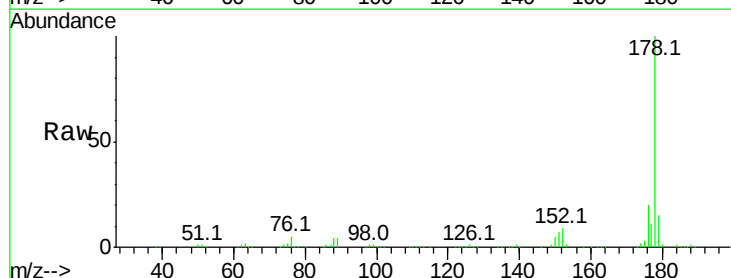


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

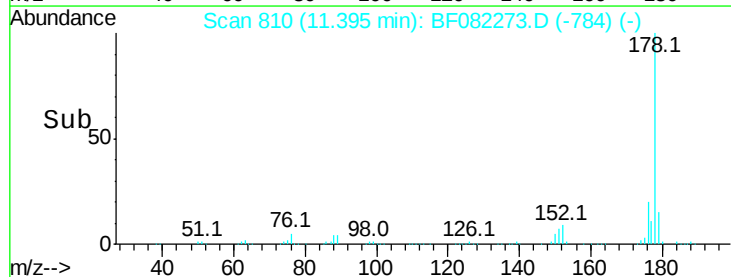
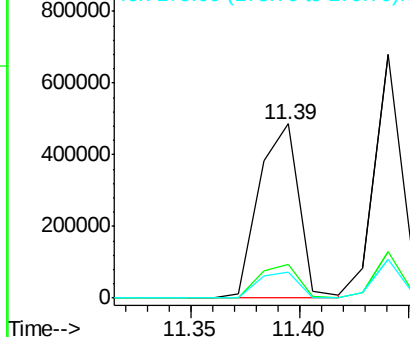


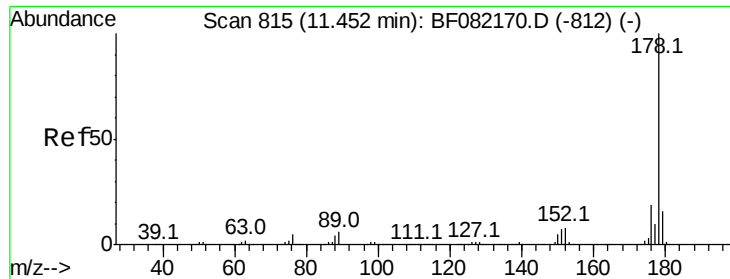
#70
 Phenanthrene
 Concen: 39.56 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	622733		
176	19.5	16.0	24.0	
179	15.2	12.6	19.0	



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





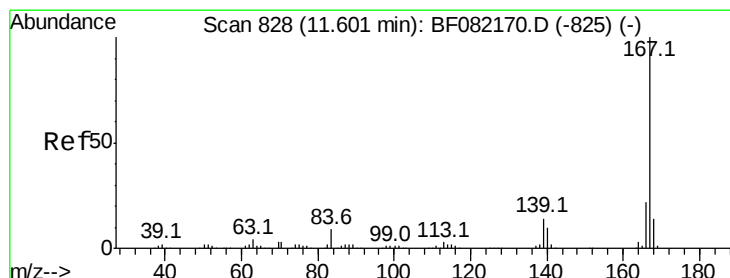
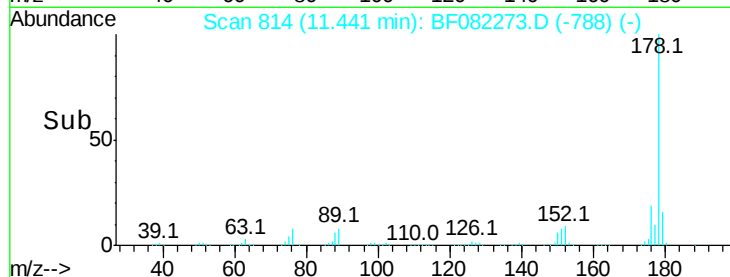
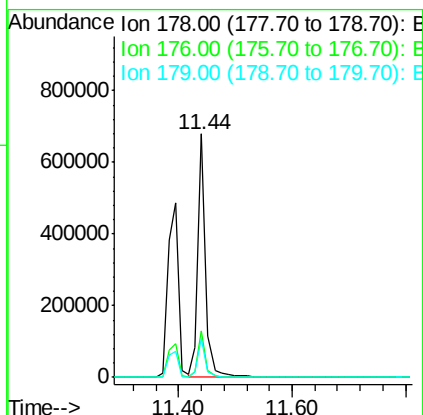
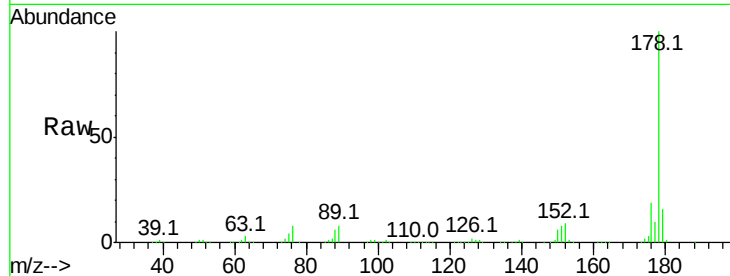
#71
 Anthracene
 Concen: 39.60 ng
 RT: 11.44 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.7	12.5	18.7

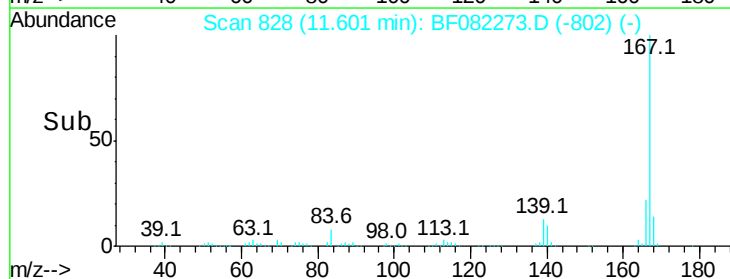
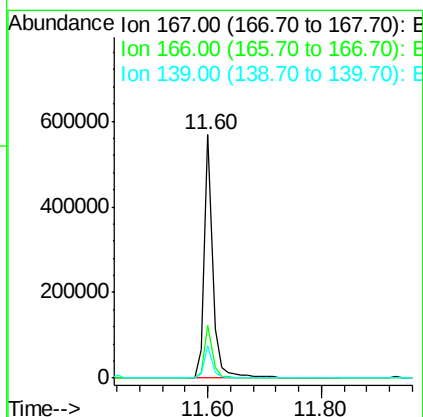
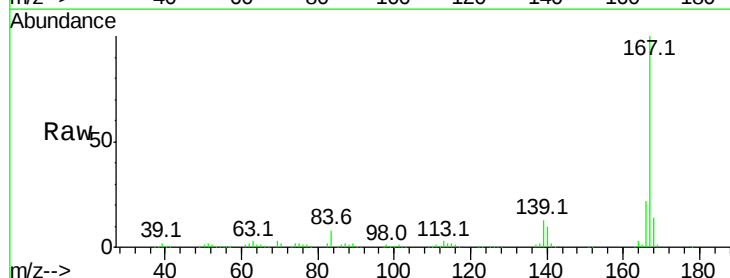
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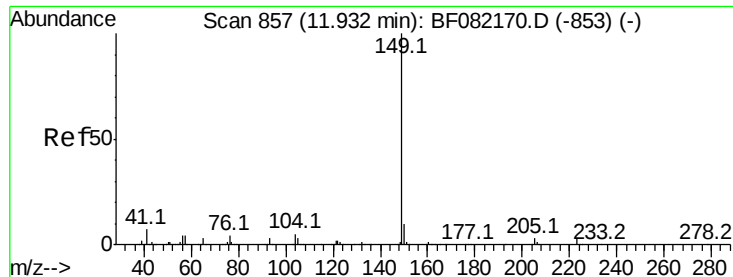
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#72
 Carbazole
 Concen: 38.74 ng
 RT: 11.60 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 38.88 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

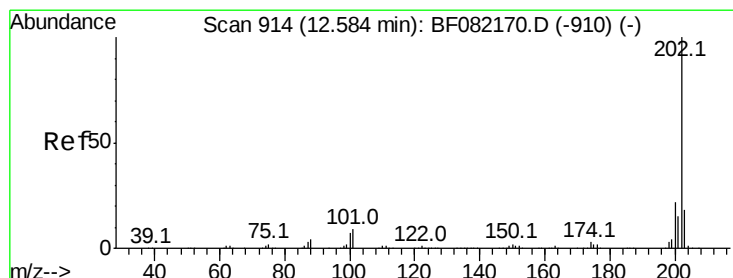
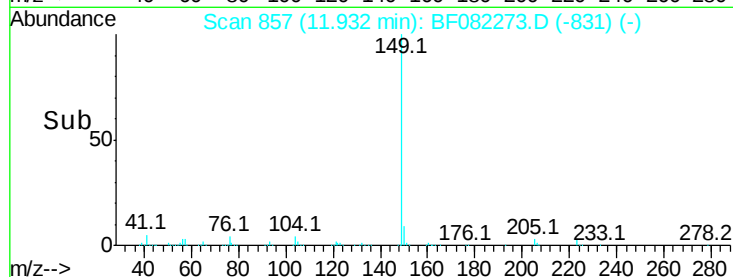
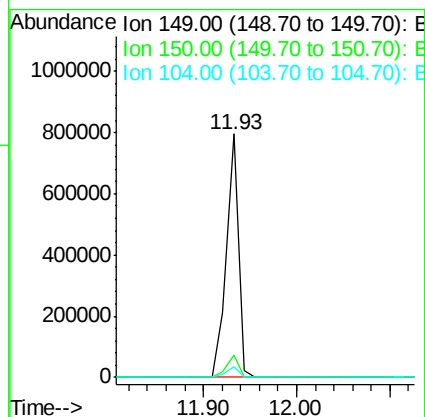
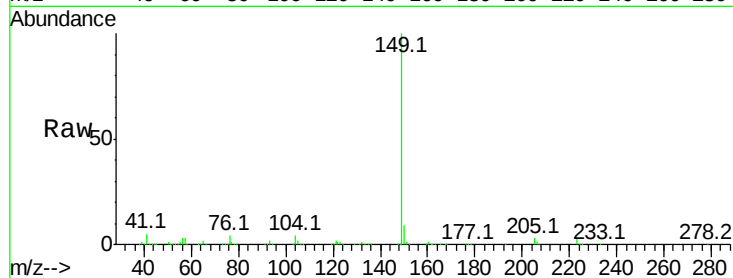
ClientSampleId :

SSTDCCC040EC

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Tot Ion:	149	Resp:	709633
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.8	11.6
104	4.1	3.8	5.8



#74

Fluoranthene

Concen: 40.04 ng

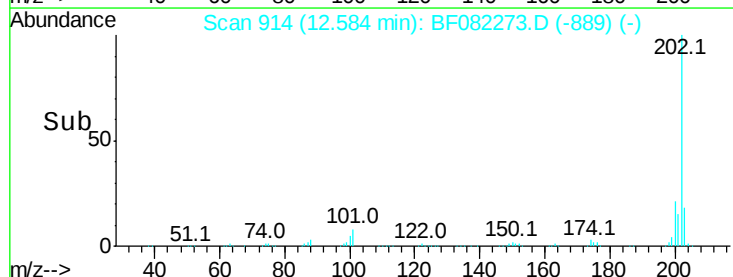
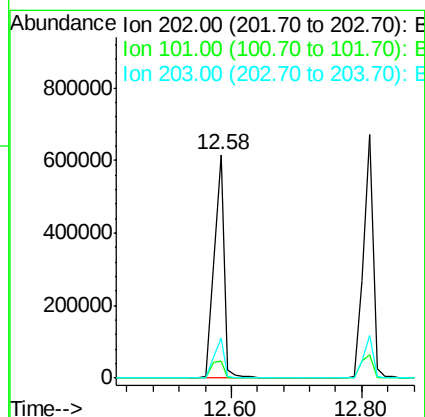
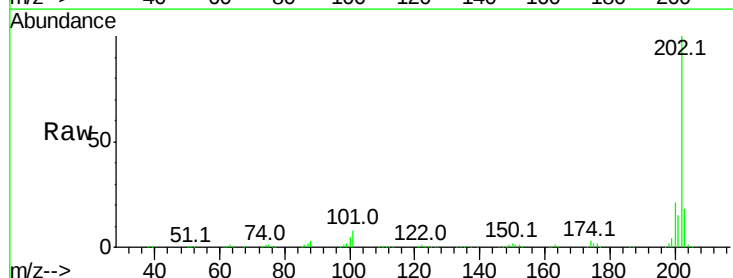
RT: 12.58 min Scan# 914

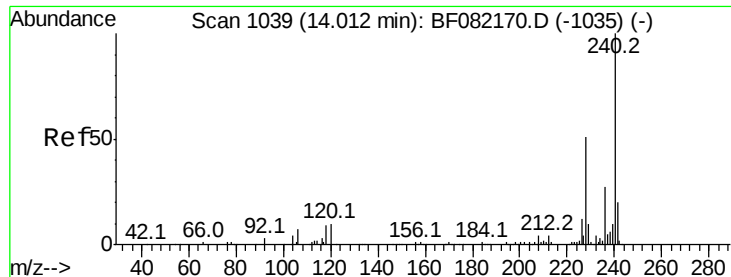
Delta R.T. -0.01 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	202	Resp:	676905
Ion Ratio	Lower	Upper	
202	100		
101	7.5	0.0	29.3
203	18.1	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.10 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

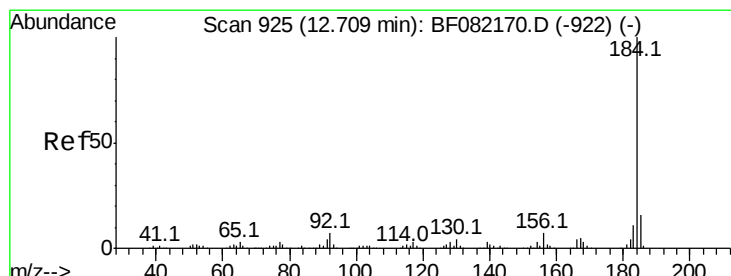
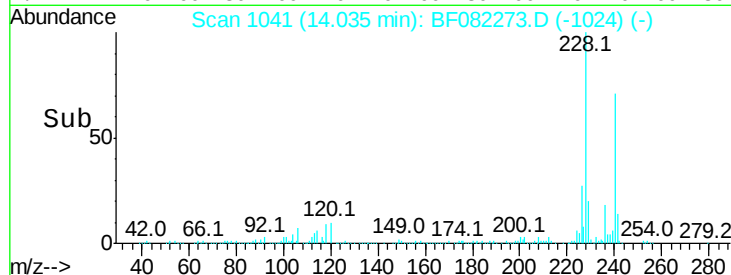
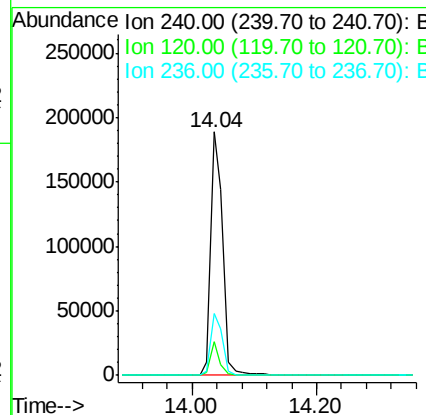
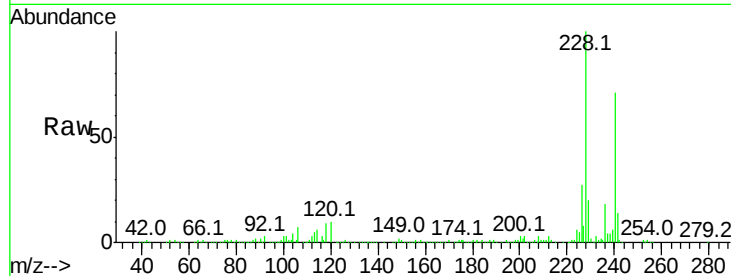
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
240	100	251667		
120	14.0	8.1	12.1#	
236	25.6	21.3	31.9	

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#76

Benzidine

Concen: 41.04 ng

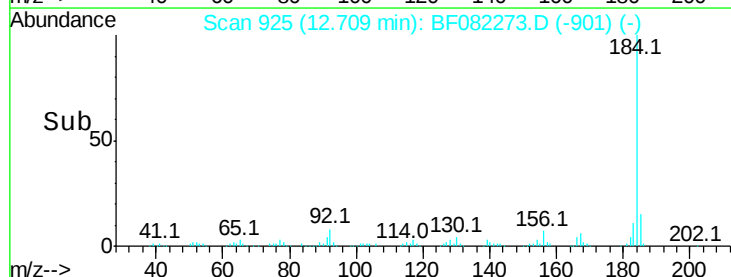
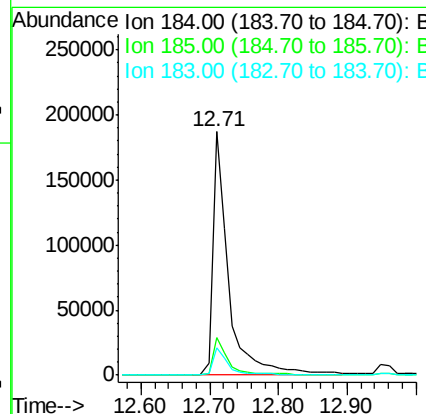
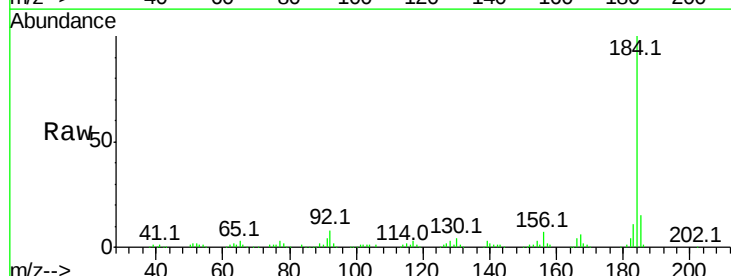
RT: 12.71 min Scan# 925

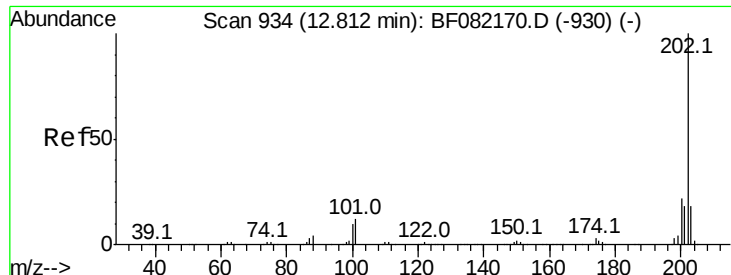
Delta R.T. -0.02 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	299276		
185	15.3	12.5	18.7	
183	11.4	9.1	13.7	





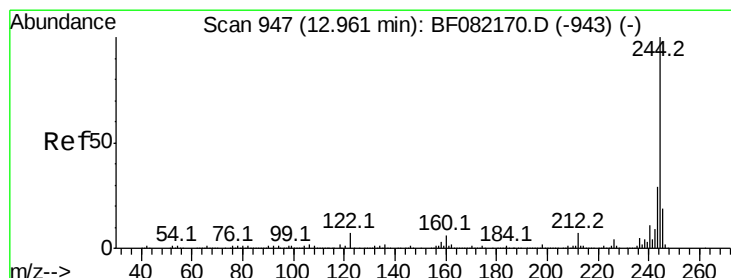
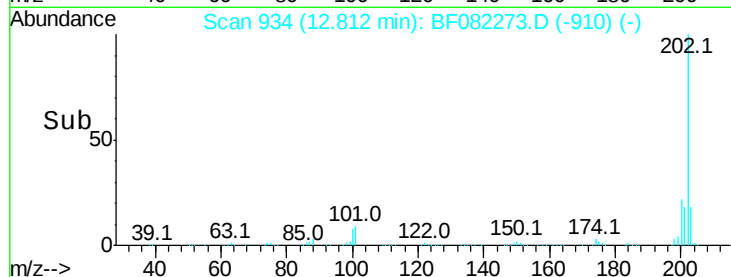
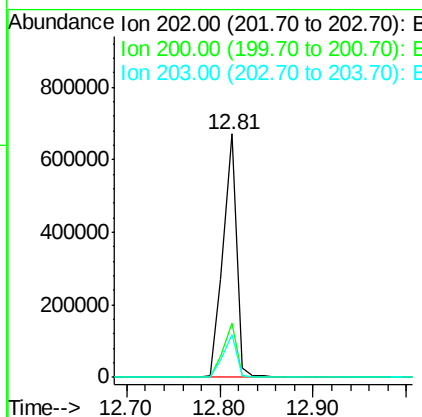
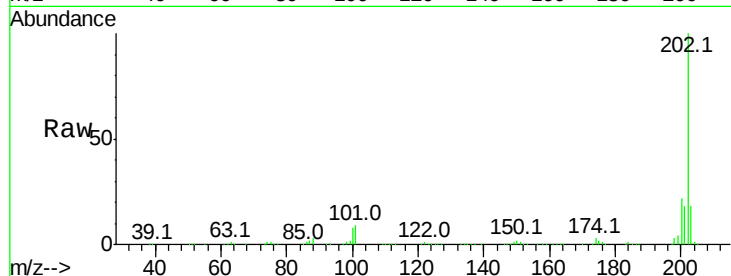
#77
 Pvrene
 Concen: 45.03 ng
 RT: 12.81 min Scan# 934
 Delta R.T. -0.02 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion:	202	Resp:	672551
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.9	26.9
203	17.6	14.5	21.7

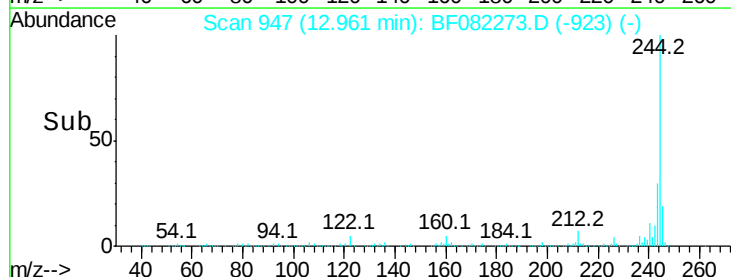
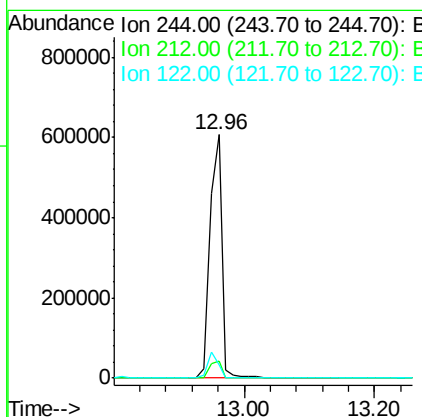
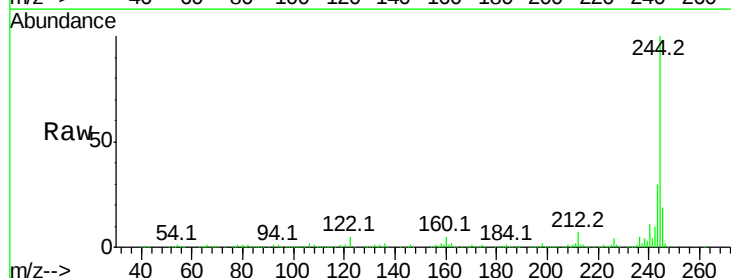
Manual Integrations
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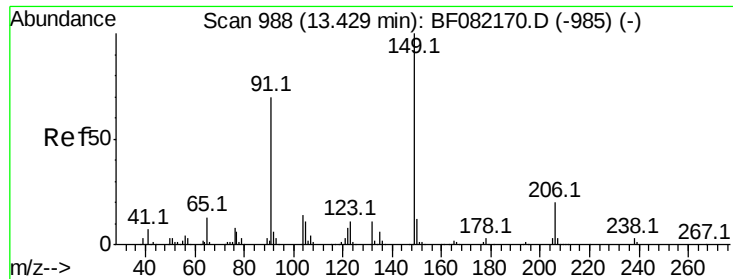
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#78
 Terphenyl-d14
 Concen: 82.76 ng
 RT: 12.96 min Scan# 947
 Delta R.T. -0.02 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion:	244	Resp:	785993
Ion Ratio	Lower	Upper	
244	100		
212	6.8	5.8	8.6
122	5.4	5.9	8.9#





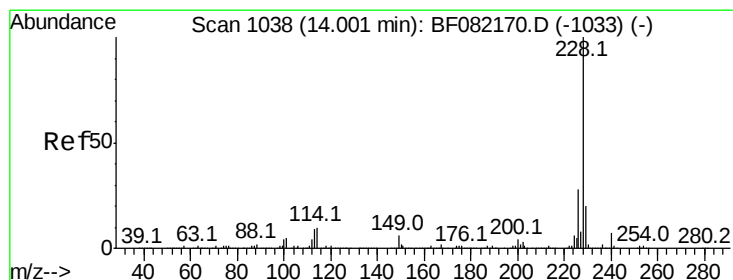
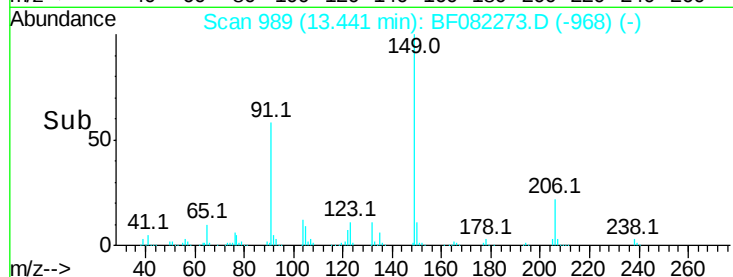
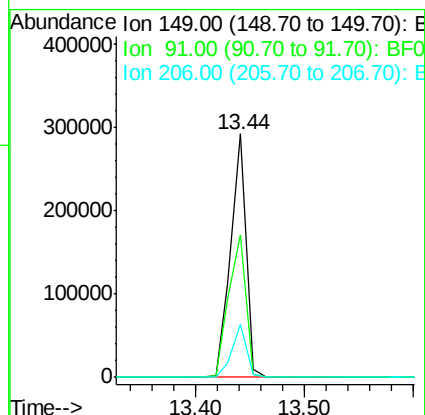
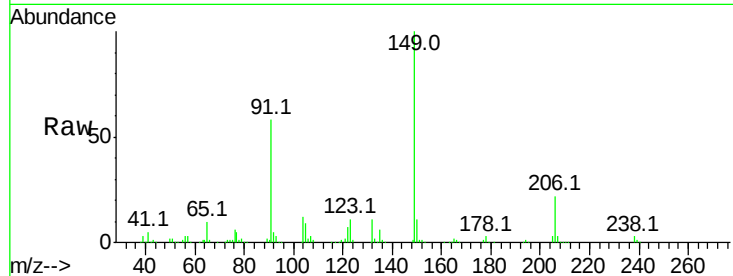
#79
Butylbenzylphthalate
Concen: 42.20 ng
RT: 13.44 min Scan# 989
Delta R.T. -0.06 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tot Ion:	149	Resp:	287594
Ion Ratio	Lower	Upper	
149	100		
91	58.3	55.7	83.5
206	21.6	15.6	23.4

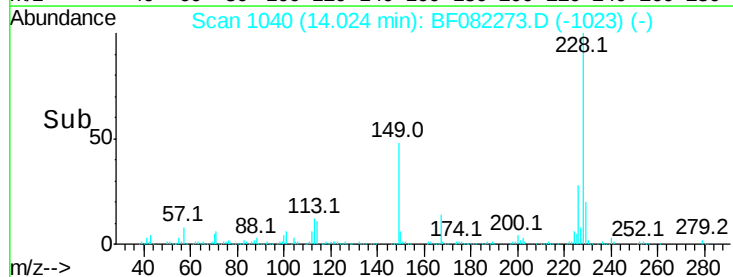
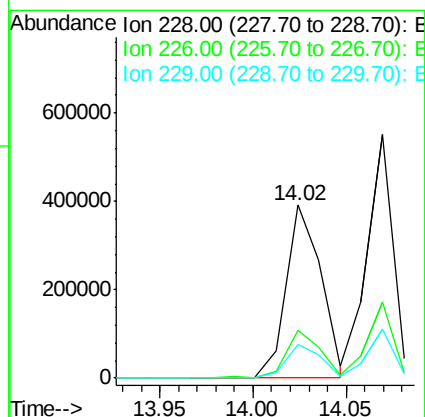
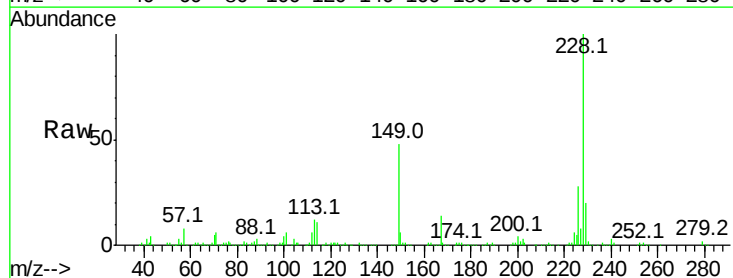
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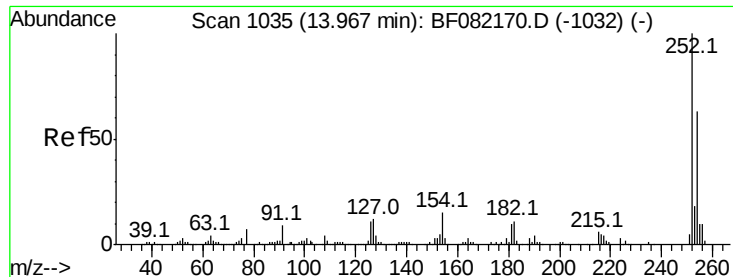
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#80
Benzo(a)anthracene
Concen: 39.11 ng
RT: 14.02 min Scan# 1040
Delta R.T. -0.10 min
Lab File: BF082273.D
Acq: 14 Oct 2015 00:19

Tgt Ion:	228	Resp:	512061
Ion Ratio	Lower	Upper	
228	100		
226	27.6	22.3	33.5
229	19.8	16.2	24.2





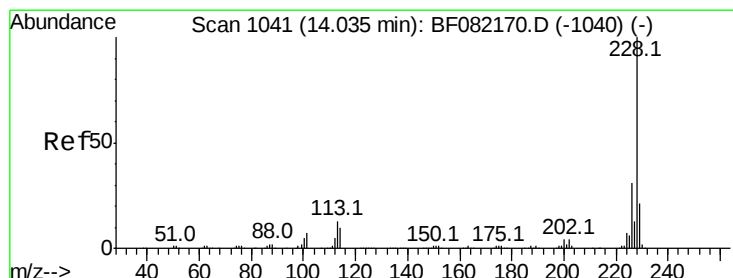
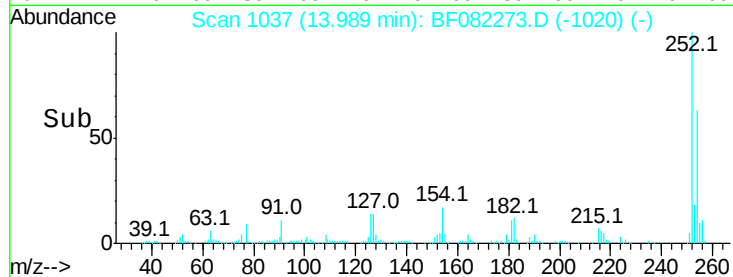
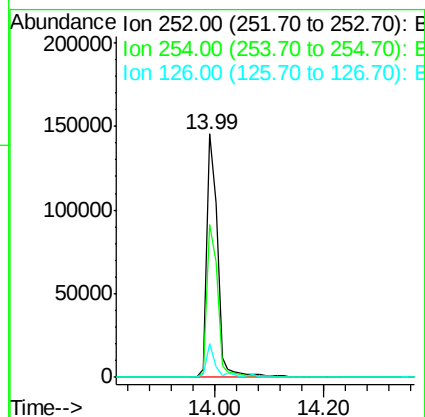
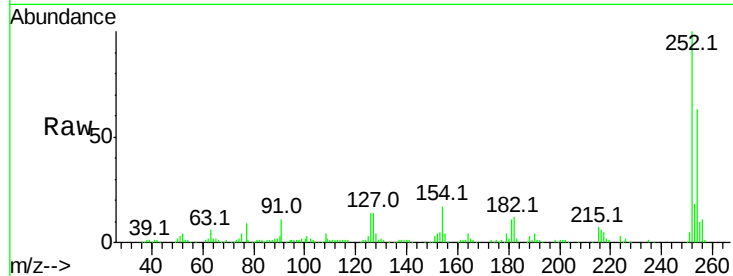
#81
 3,3'-Dichlorobenzidine
 Concen: 40.02 ng
 RT: 13.99 min Scan# 1037
 Delta R.T. -0.10 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	63.0	50.7	76.1
126	13.9	9.0	13.6

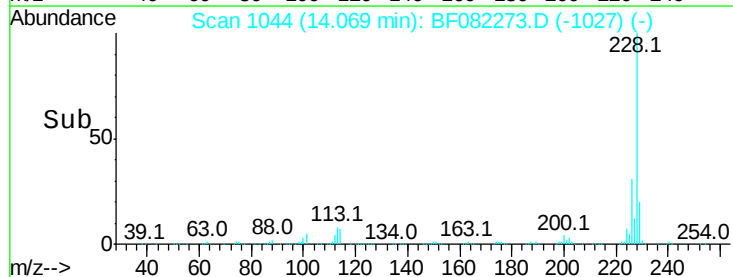
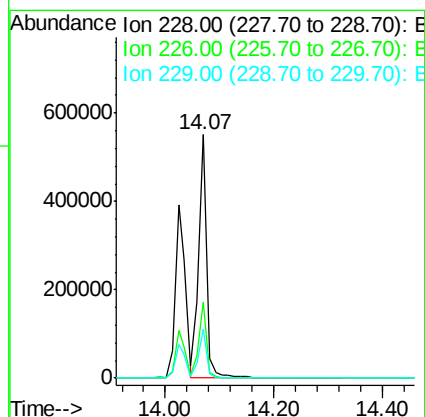
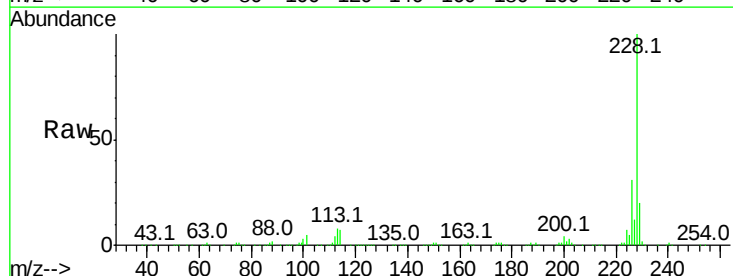
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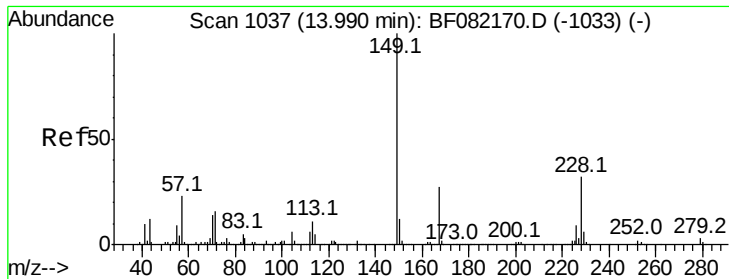
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#82
 Chrysene
 Concen: 40.30 ng
 RT: 14.07 min Scan# 1044
 Delta R.T. -0.10 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.4	36.6
229	20.2	16.3	24.5





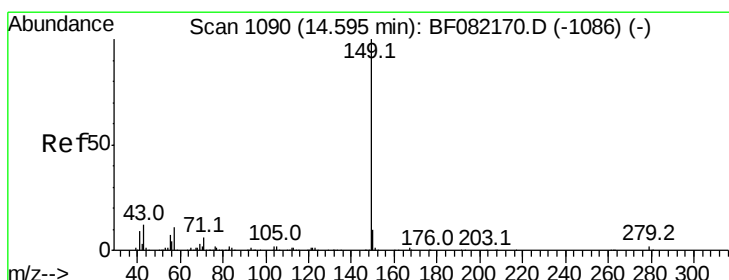
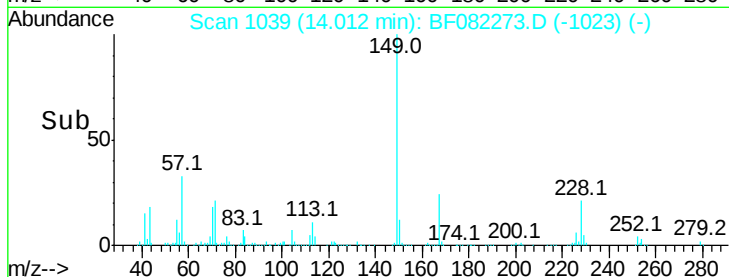
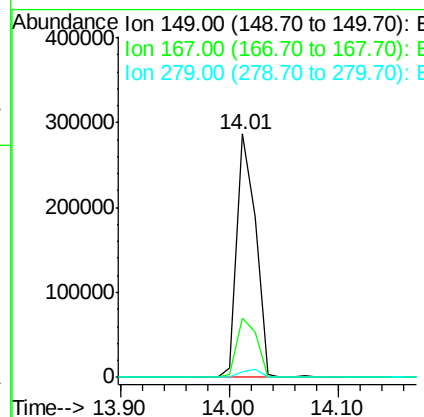
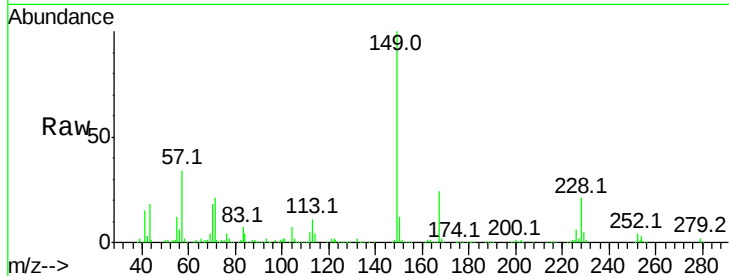
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.00 ng
 RT: 14.01 min Scan# 1039
 Delta R.T. -0.11 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	24.2	21.3	31.9	
279	2.1	2.6	4.0	

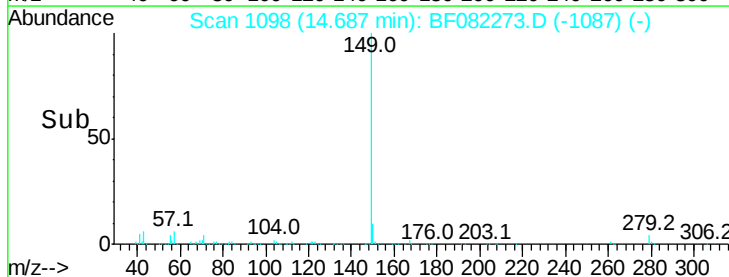
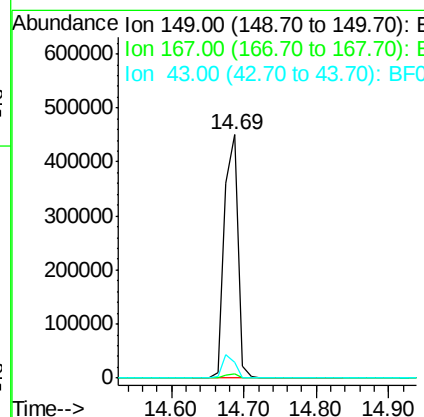
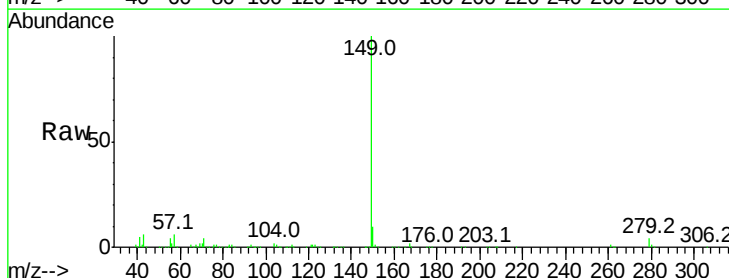
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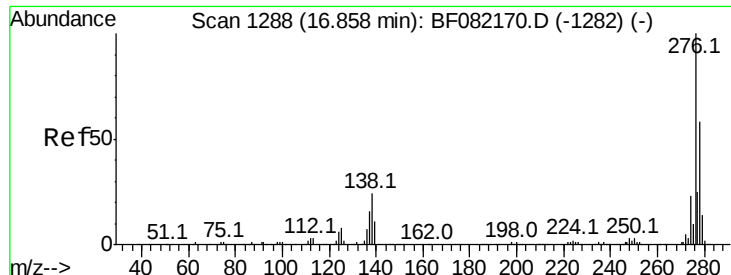
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#84
 Di-n-octyl phthalate
 Concen: 35.01 ng
 RT: 14.69 min Scan# 1098
 Delta R.T. -0.17 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.5	1.3	1.9	
43	9.0	7.4	11.2	





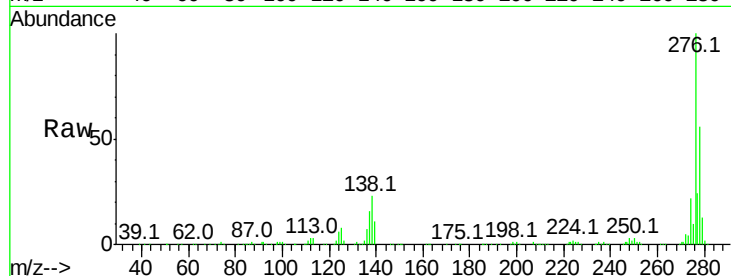
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.74 ng
 RT: 16.98 min Scan# 1299
 Delta R.T. -0.25 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

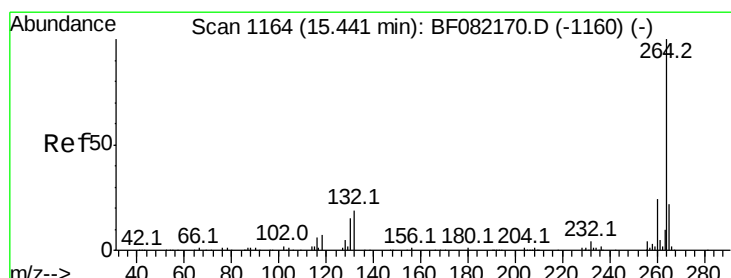
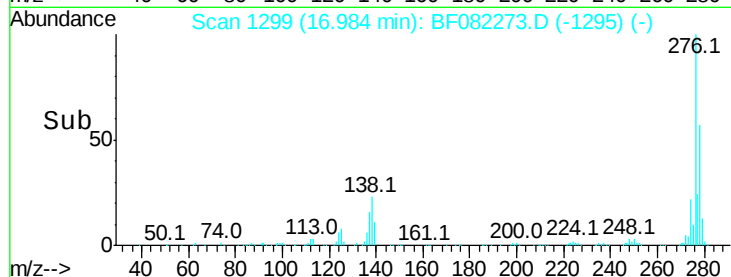
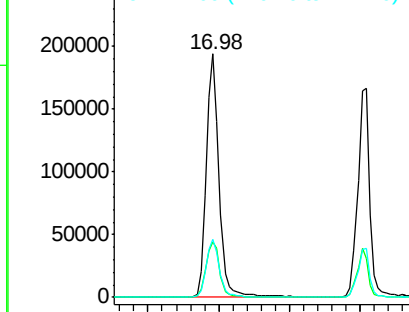
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.7	29.5
277	24.8	20.1	30.1

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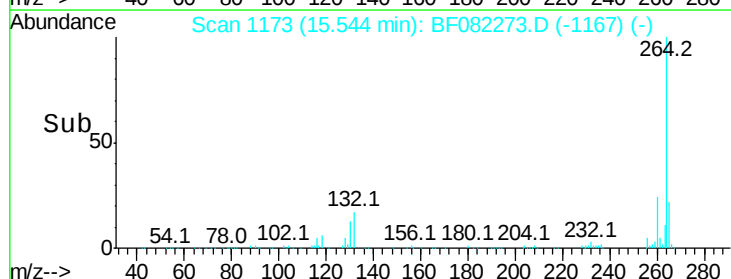
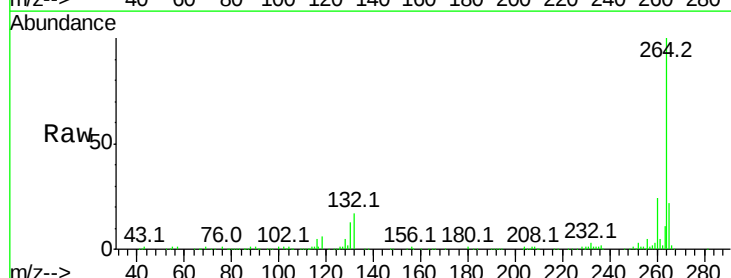
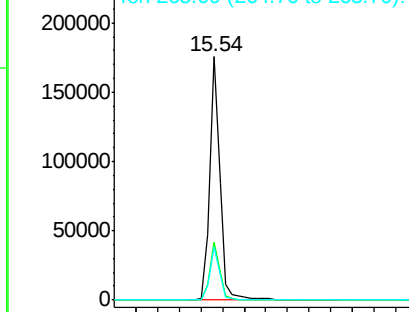
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

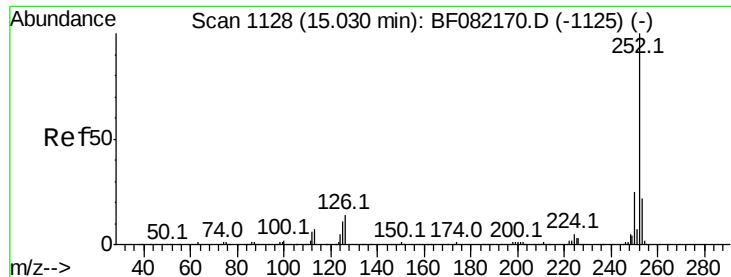


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.54 min Scan# 1173
 Delta R.T. -0.23 min
 Lab File: BF082273.D
 Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	21.8	17.3	25.9

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: 38.25 ng

RT: 15.12 min Scan# 1136

Delta R.T. -0.22 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

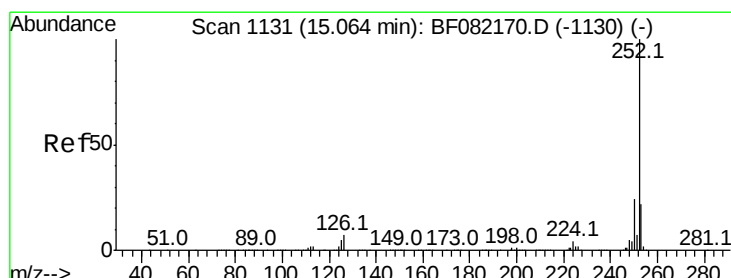
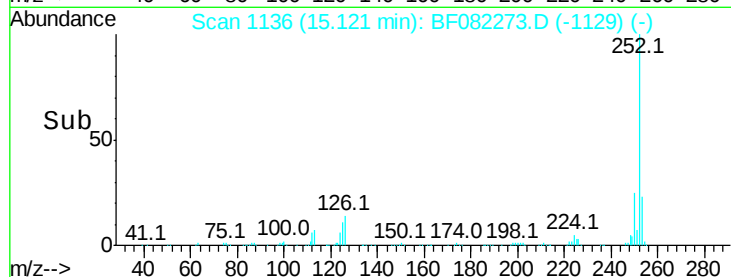
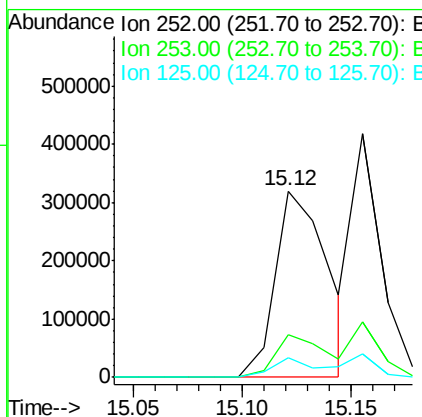
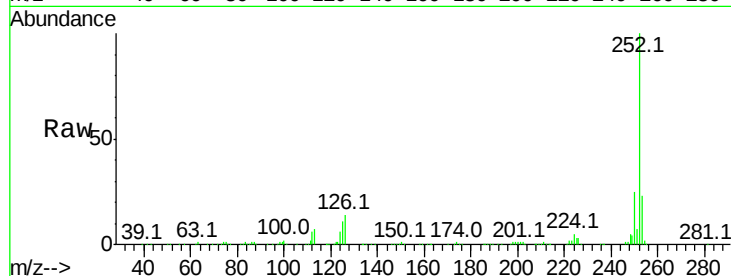
ClientSampleId :

SSTDCCC040EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	10.8	8.6	12.8

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#88

Benzo(k)fluoranthene

Concen: 34.60 ng m

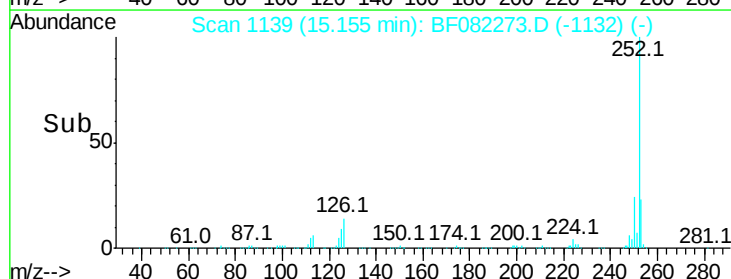
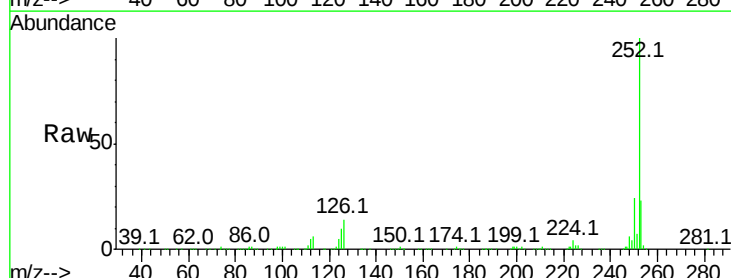
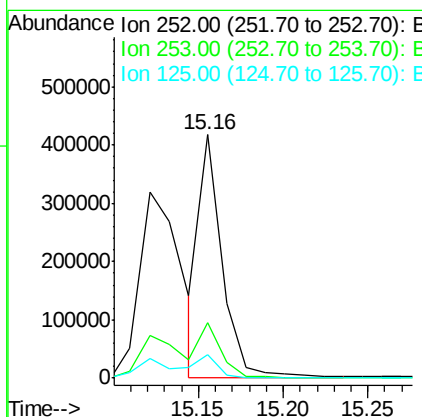
RT: 15.16 min Scan# 1139

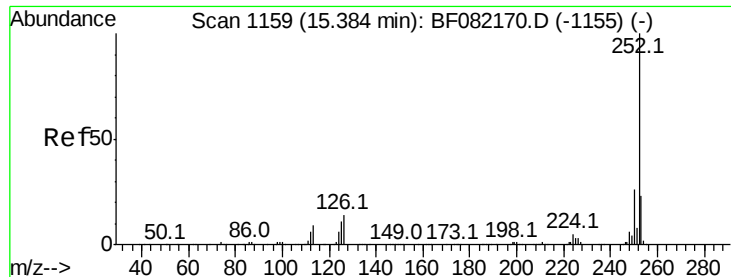
Delta R.T. -0.22 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	9.5	6.7	10.1





#89

Benzo(a)pyrene

Concen: 37.37 ng

RT: 15.49 min Scan# 1168

Delta R.T. -0.22 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

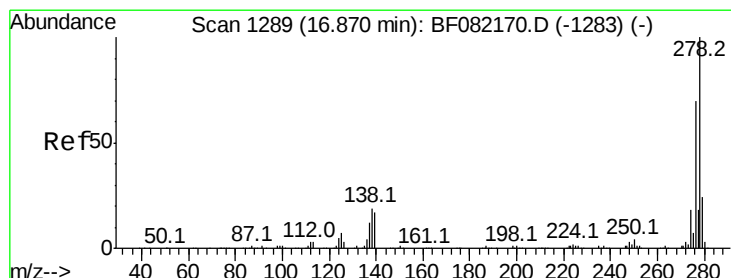
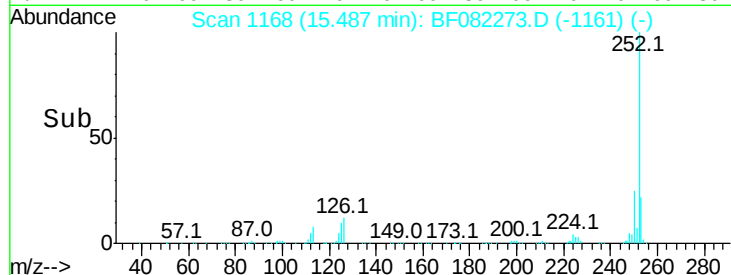
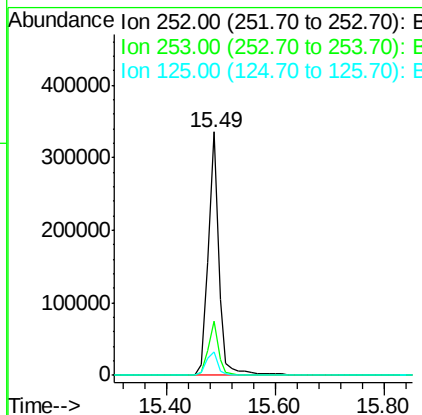
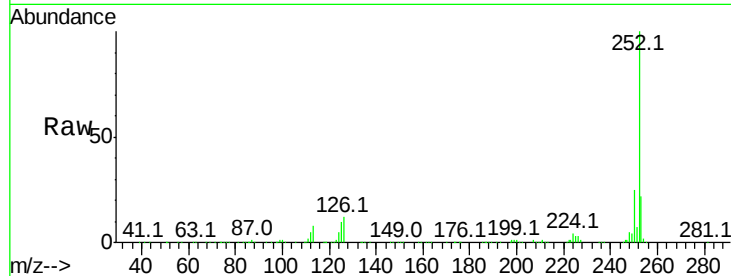
ClientSampleId :

SSTDCCC040EC

Tot Ion:	252	Resp:	450887
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.2
125	9.6	8.9	13.3

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#90

Dibenzo(a,h)anthracene

Concen: 41.96 ng

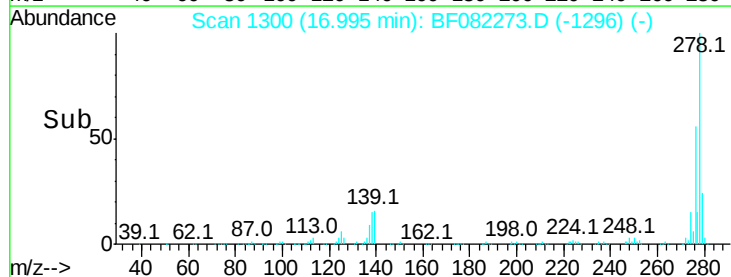
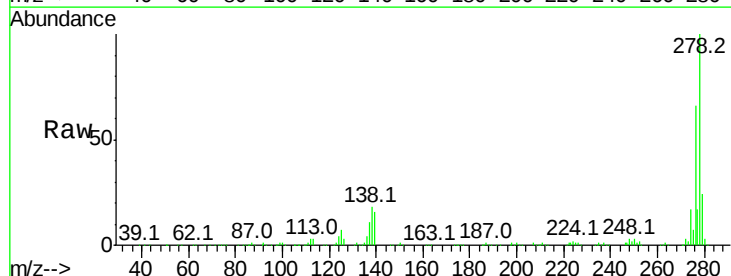
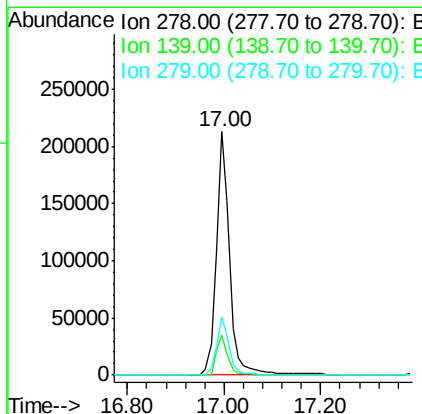
RT: 17.00 min Scan# 1300

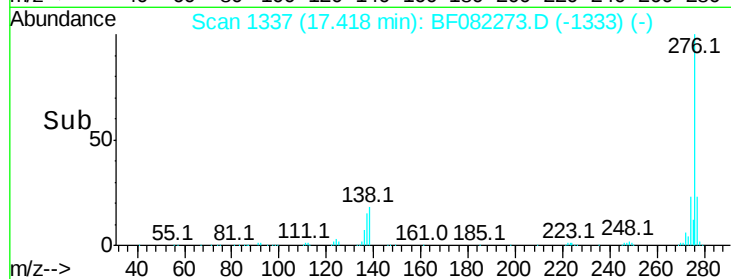
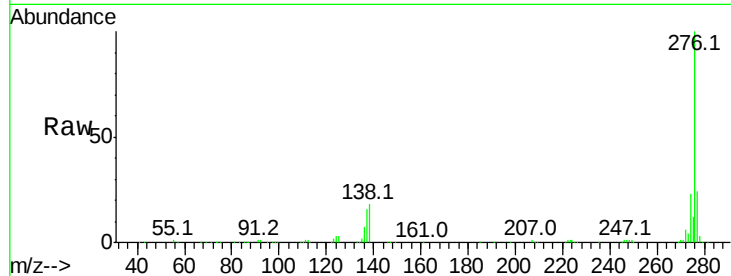
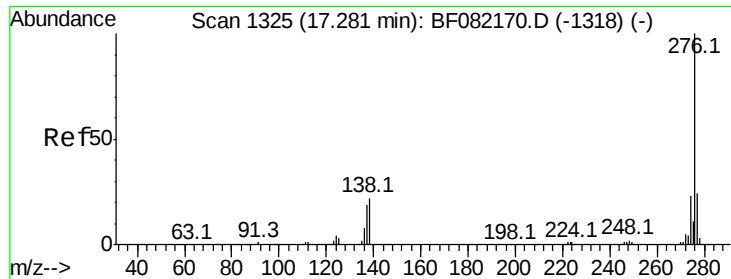
Delta R.T. -0.25 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Tgt Ion:	278	Resp:	414853
Ion Ratio	Lower	Upper	
278	100		
139	16.2	13.3	19.9
279	23.8	18.9	28.3





#91

Benzo(a,h,i)perylene

Concen: 41.26 ng

RT: 17.42 min Scan# 1337

Delta R.T. -0.25 min

Lab File: BF082273.D

Acq: 14 Oct 2015 00:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tot Ion:	276	Resp:	396311
Ion Ratio	Lower	Upper	
276	100		
277	23.5	18.8	28.2
138	18.2	17.4	26.2

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