

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\
 Data File : BF082320.D
 Acq On : 16 Oct 2015 11:49
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 5:32:02 PM

Quant Time: Oct 17 01:10:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 17 01:08:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	93275	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	382664	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	207326	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	418554	20.00	ng	0.00
75) Chrysene-d12	14.07	240	410674	20.00	ng	0.00
86) Perylene-d12	15.59	264	337700	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.43	112	375373	81.22	ng	0.00
7) Phenol-d6	6.48	99	505508	84.05	ng	0.00
23) Nitrobenzene-d5	7.42	82	487127	85.49	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	152012	78.18	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1024101	81.92	ng	0.00
78) Terphenyl-d14	12.96	244	1097332	70.81	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.35	88	86882	37.42	ng	96
3) Pyridine	3.10	79	241160	44.65	ng	96
4) n-Nitrosodimethylamine	3.05	42	98633	43.06	ng	# 99
6) Aniline	6.50	93	317276	40.92	ng	# 67
8) 2-Chlorophenol	6.63	128	228524	40.50	ng	98
9) Benzaldehyde	6.39	77	150145	48.89	ng	97
10) Phenol	6.50	94	265671	38.31	ng	# 60
11) bis(2-Chloroethyl)ether	6.58	93	224211	38.24	ng	98
12) 1,3-Dichlorobenzene	6.78	146	269530	41.02	ng	99
13) 1,4-Dichlorobenzene	6.86	146	280377	40.86	ng	98
14) 1,2-Dichlorobenzene	7.01	146	240545	36.92	ng	98
15) Benzyl Alcohol	6.99	79	188581	45.42	ng	91
16) 2,2'-oxybis(1-Chloropropan	7.12	45	301613	36.94	ng	94
17) 2-Methylphenol	7.11	107	189299	42.43	ng	98
18) Hexachloroethane	7.35	117	91912	39.13	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	159615	37.79	ng	# 86
20) 3+4-Methylphenols	7.27	107	235348	44.27	ng	# 63
22) Acetophenone	7.26	105	311511	41.15	ng	94
24) Nitrobenzene	7.43	77	232578	37.71	ng	98
25) Isophorone	7.67	82	455671	39.62	ng	100
26) 2-Nitrophenol	7.75	139	135389	43.96	ng	97
27) 2,4-Dimethylphenol	7.79	122	224254	45.20	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	280297	41.89	ng	100
29) 2,4-Dichlorophenol	8.00	162	201645	40.65	ng	94
30) 1,2,4-Trichlorobenzene	8.07	180	224539	39.27	ng	98
31) Naphthalene	8.15	128	631386	38.06	ng	100
32) Benzoic acid	7.93	122	120658	36.23	ng	92
33) 4-Chloroaniline	8.21	127	263964	38.32	ng	97
34) Hexachlorobutadiene	8.26	225	139145	39.06	ng	98
35) Caprolactam	8.59	113	67657	47.00	ng	# 79
36) 4-Chloro-3-methylphenol	8.70	107	225615	46.51	ng	92
37) 2-Methylnaphthalene	8.85	142	487357	42.38	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	214268	34.75	ng	99
40) Hexachlorocyclopentadiene	8.99	237	75279	29.92	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	157793	38.53	nq	99
43) 2,4,5-Trichlorophenol	9.17	196	170412	38.41	nq	# 87
45) 1,1'-Biphenyl	9.31	154	583907	36.93	nq	94
46) 2-Chloronaphthalene	9.34	162	477549	38.37	nq	98
47) 2-Nitroaniline	9.44	65	152907	44.75	nq	# 72
48) Acenaphthylene	9.75	152	751293	38.75	nq	99
49) Dimethylphthalate	9.61	163	525523	36.00	nq	100
50) 2,6-Dinitrotoluene	9.68	165	131307	42.63	nq	93
51) Acenaphthene	9.92	154	464743	39.93	nq	98
52) 3-Nitroaniline	9.85	138	140735	40.45	nq	90
53) 2,4-Dinitrophenol	9.95	184	64234	40.73	nq	# 77
54) Dibenzofuran	10.09	168	609657	38.15	nq	98
55) 4-Nitrophenol	10.02	139	89212	44.90	nq	98
56) 2,4-Dinitrotoluene	10.08	165	152906	39.71	nq	91
57) Fluorene	10.43	166	505971	38.55	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	149905	41.35	nq	93
59) Diethylphthalate	10.31	149	504476	37.07	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	227881	37.90	nq	98
61) 4-Nitroaniline	10.47	138	148939	44.13	nq	95
62) Azobenzene	10.58	77	491556	36.91	nq	98
64) 4,6-Dinitro-2-methylphenol	10.49	198	92709	39.47	nq	# 65
65) n-Nitrosodiphenylamine	10.55	169	447586	35.72	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	149319	35.65	nq	93
67) Hexachlorobenzene	10.98	284	170720	37.68	nq	# 86
68) Atrazine	11.09	200	155954	39.28	nq	94
69) Pentachlorophenol	11.18	266	95672	41.04	nq	97
70) Phenanthrene	11.39	178	755248	36.81	nq	100
71) Anthracene	11.45	178	857051	40.54	nq	99
72) Carbazole	11.61	167	767121	39.78	nq	98
73) Di-n-butylphthalate	11.93	149	850880	35.76	nq	100
74) Fluoranthene	12.60	202	891140	40.44	nq	96
76) Benzidine	12.72	184	272405	22.89	nq	98
77) Pyrene	12.82	202	941311	38.62	nq	99
79) Butylbenzylphthalate	13.45	149	391443	35.19	nq	99
80) Benzo(a)anthracene	14.06	228	803676	37.61	nq	100
81) 3,3'-Dichlorobenzidine	14.02	252	303929	37.47	nq	# 96
82) Chrysene	14.09	228	773238	34.34	nq	99
83) Bis(2-ethylhexyl)phthalate	14.04	149	529819	33.39	nq	# 97
84) Di-n-octyl phthalate	14.72	149	892368	32.75	nq	100
85) Indeno(1,2,3-cd)pyrene	17.03	276	703269	39.30	nq	100
87) Benzo(b)fluoranthene	15.17	252	700059	34.07	nq	98
88) Benzo(k)fluoranthene	15.20	252	741373m	42.93	nq	
89) Benzo(a)pyrene	15.53	252	674115	38.18	nq	# 96
90) Dibenzo(a,h)anthracene	17.05	278	579525	40.05	nq	97
91) Benzo(g,h,i)perylene	17.46	276	571517	40.66	nq	99

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

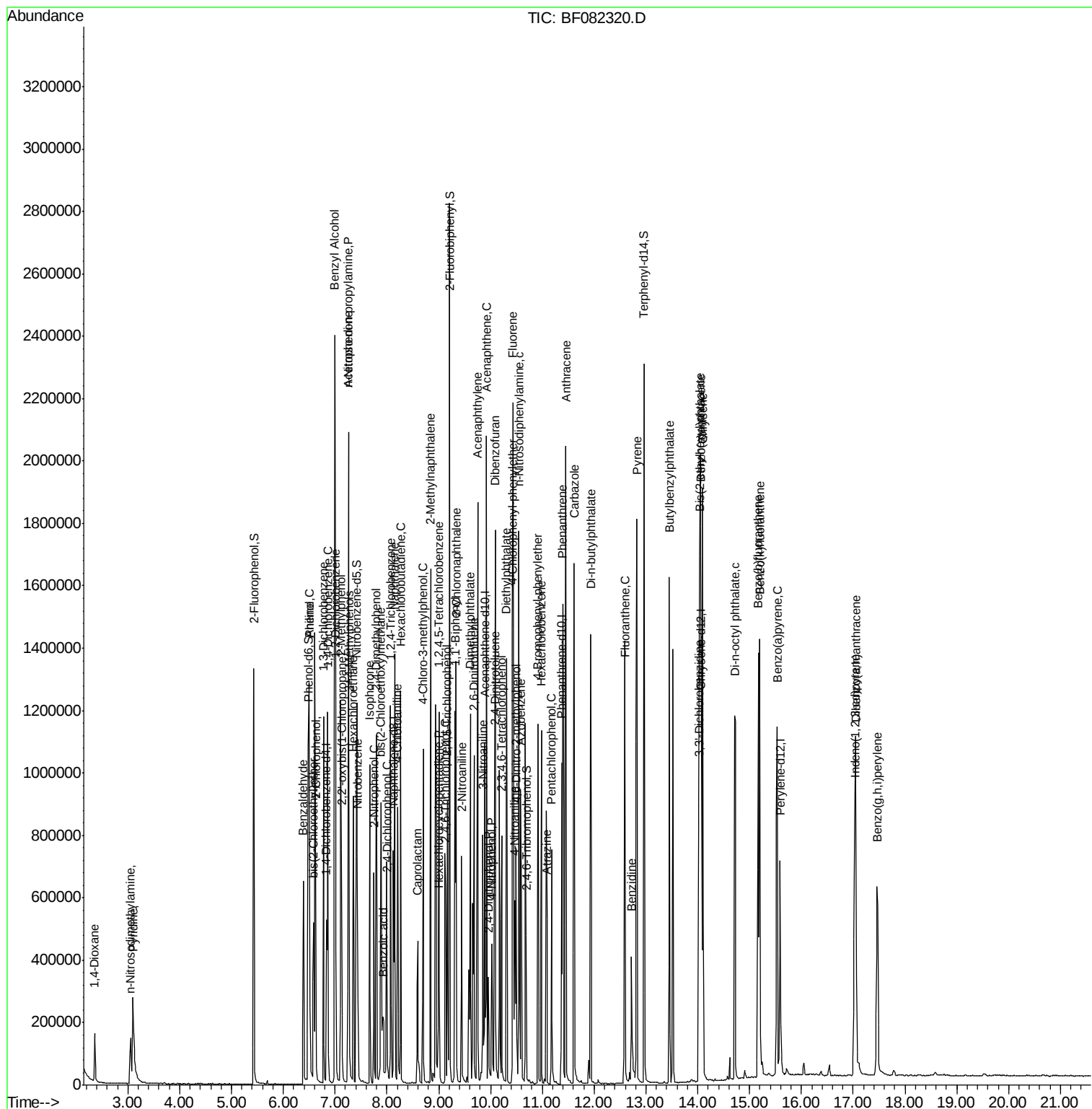
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Data Path : Z:\HPCHEM1\BNA F\DATA\BF101715\  
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Operator  : UM/IZ  
Sample    : SSTDCCC040  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
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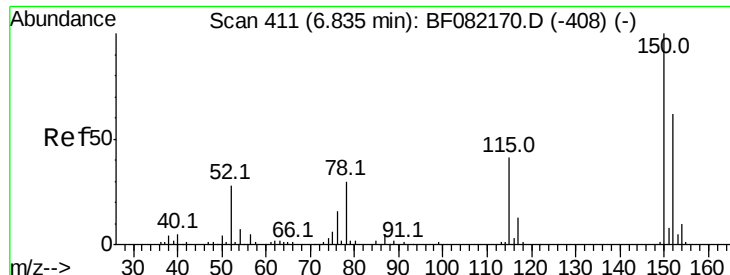
Instrument :
BNA_F
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SSTDCCC040

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 411

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

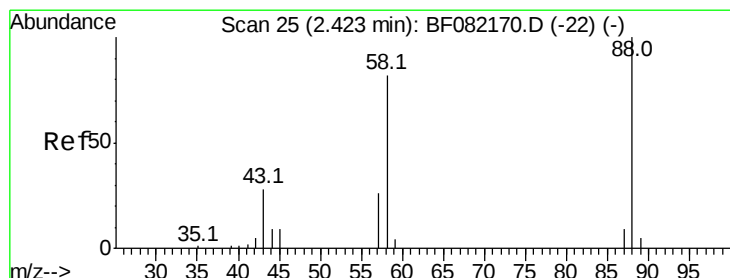
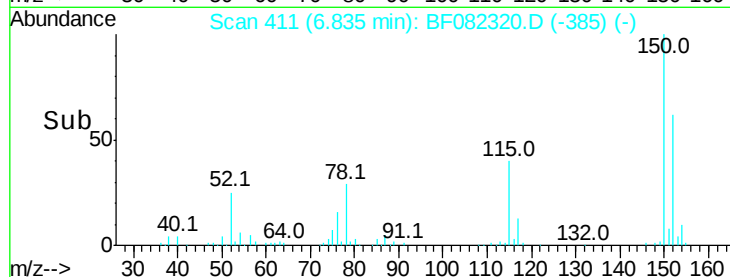
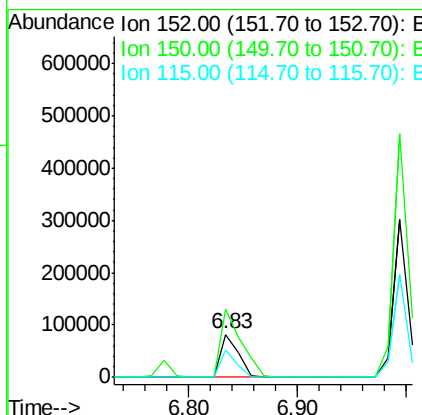
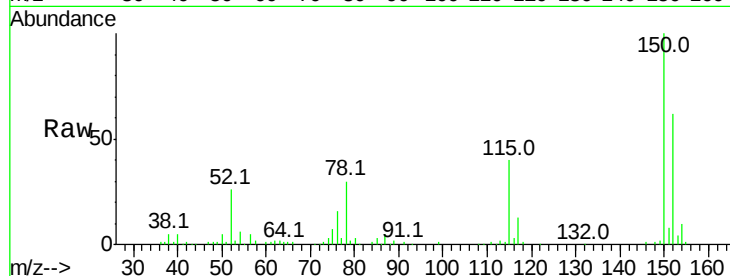
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	93275
Ion Ratio	Lower	Upper	
152	100		
150	160.1	129.0	193.4
115	64.8	52.1	78.1

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#2

1,4-Dioxane

Concen: 37.42 ng

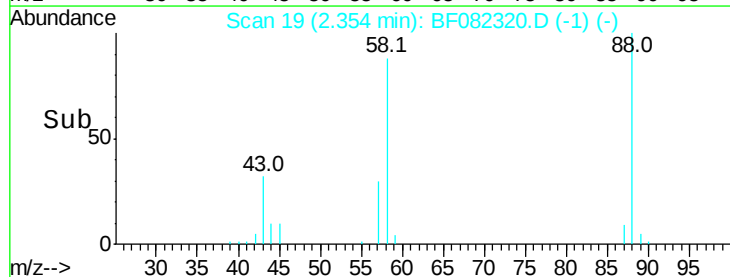
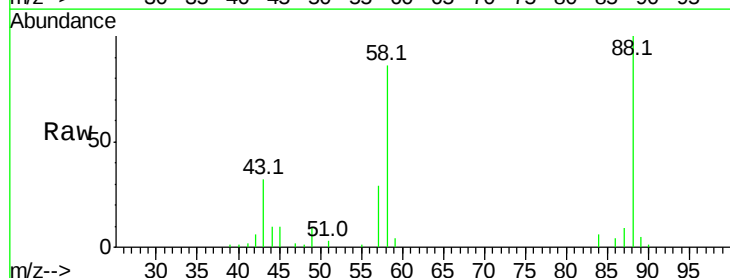
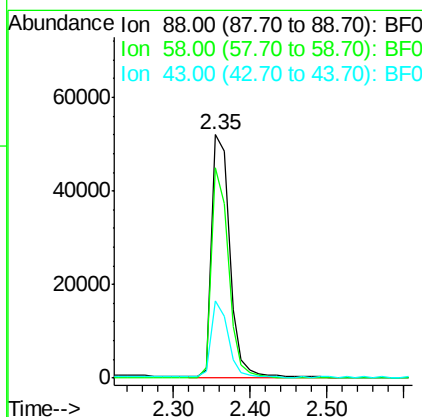
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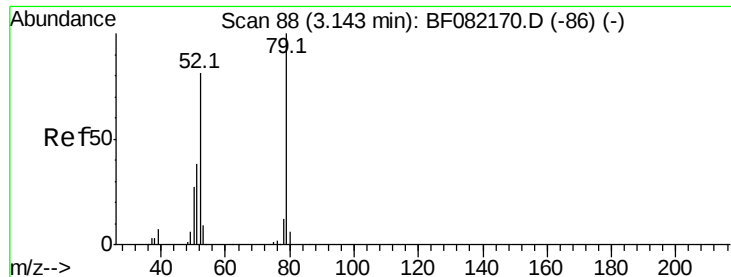
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	88	Resp:	86882
Ion Ratio	Lower	Upper	
88	100		
58	79.3	66.2	99.4
43	30.8	23.0	34.4





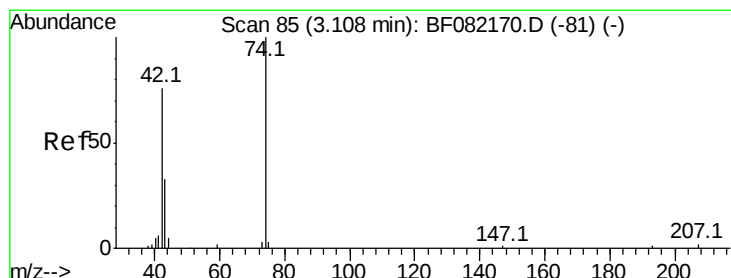
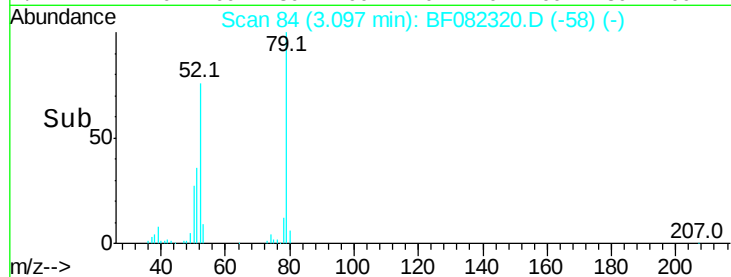
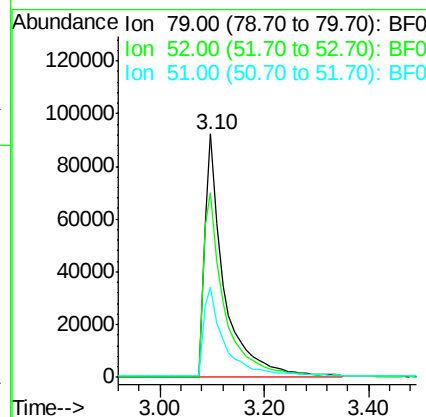
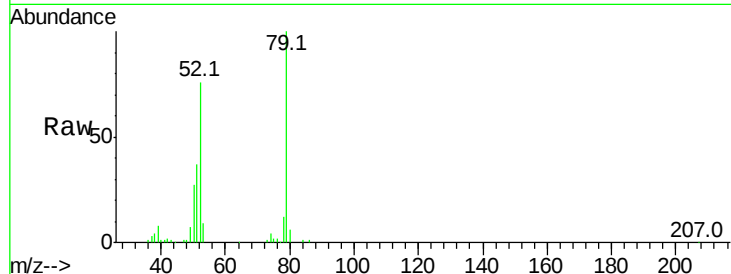
#3
 Pvridine
 Concen: 44.65 ng
 RT: 3.10 min Scan# 84
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
79	100		
52	75.7	64.4	96.6
51	36.9	30.5	45.7

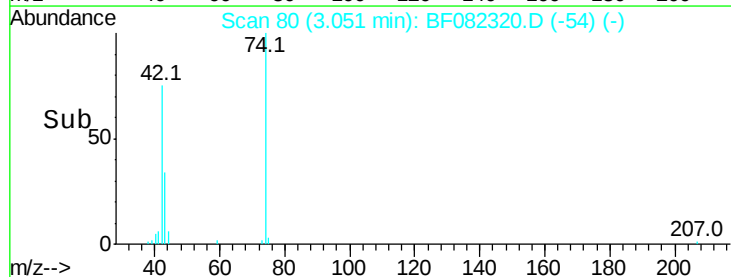
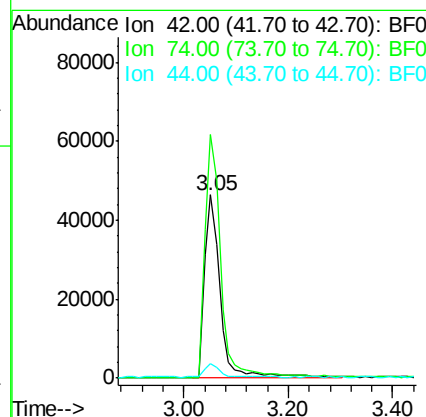
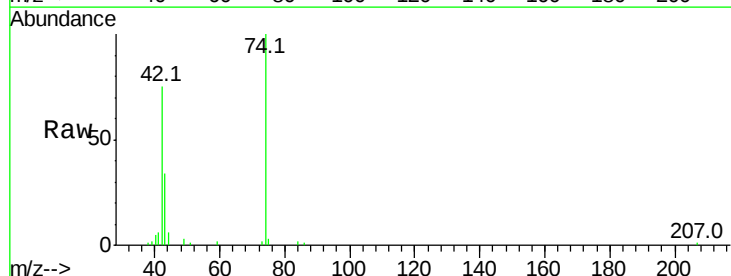
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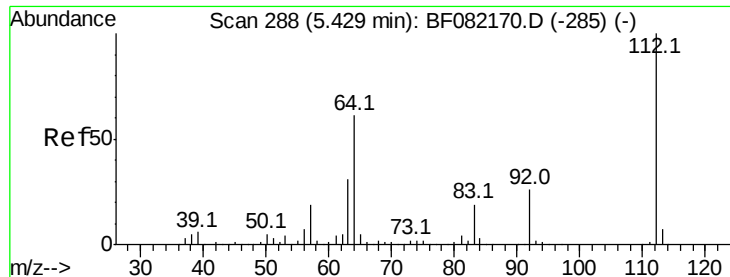
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#4
 n-Nitrosodimethylamine
 Concen: 43.06 ng
 RT: 3.05 min Scan# 80
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp Lower	Upper
42	100		
74	133.0	105.7	158.5
44	8.2	5.4	8.2#





#5

2-Fluorophenol

Concen: 81.22 ng

RT: 5.43 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

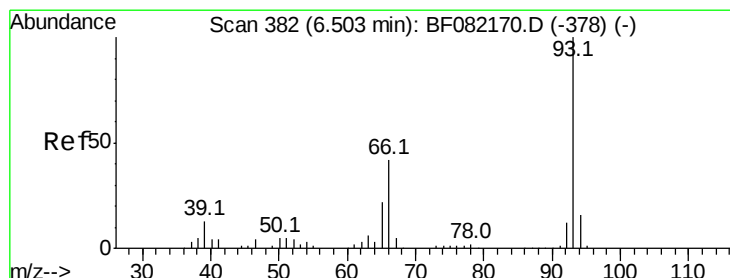
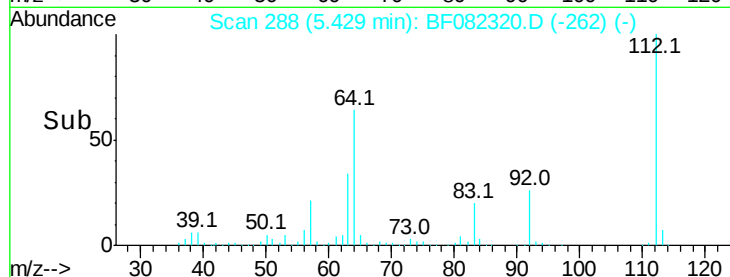
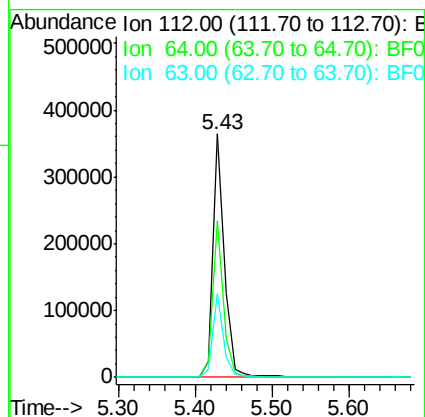
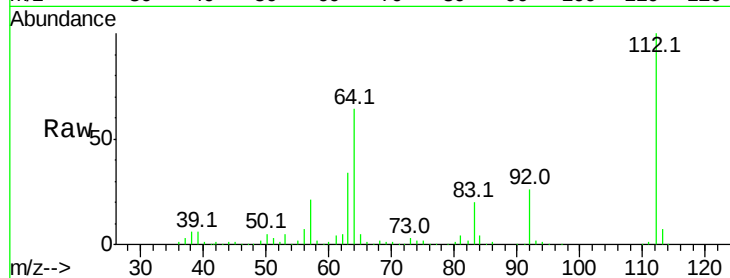
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		375373		
64	64.4	48.6	73.0		
63	34.4	25.1	37.7		

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#6

Aniline

Concen: 40.92 ng

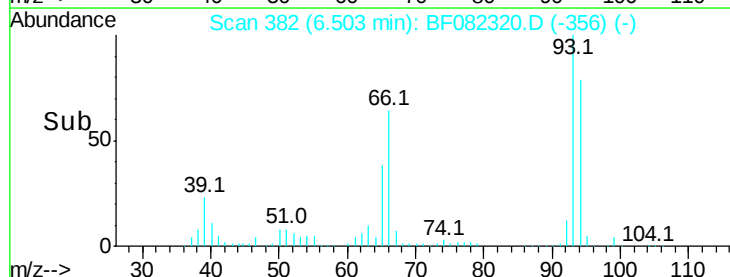
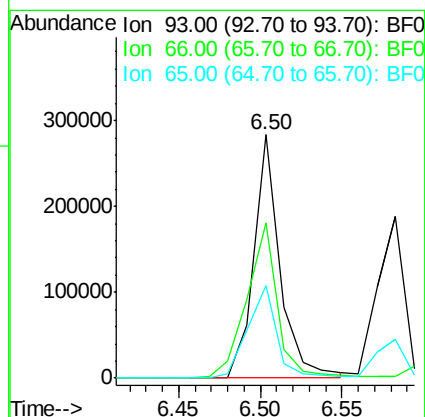
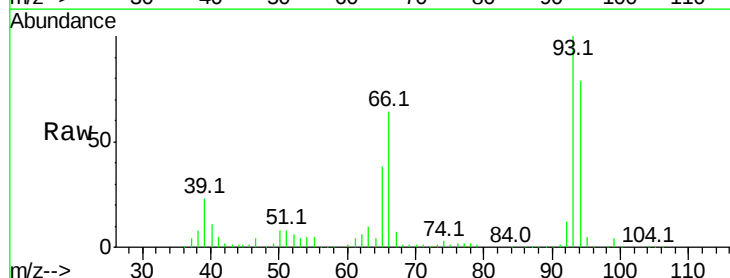
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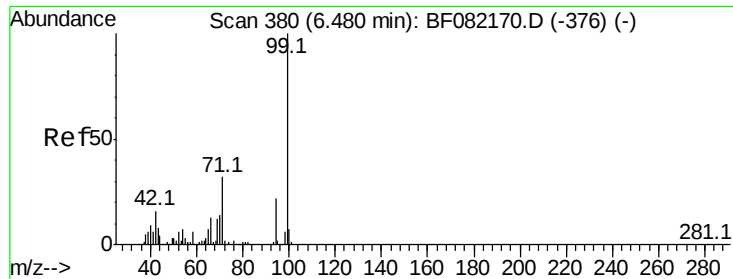
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		317276		
66	63.6	34.2	51.2#		
65	37.8	17.9	26.9#		





#7

Phenol-d6

Concen: 84.05 ng

RT: 6.48 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

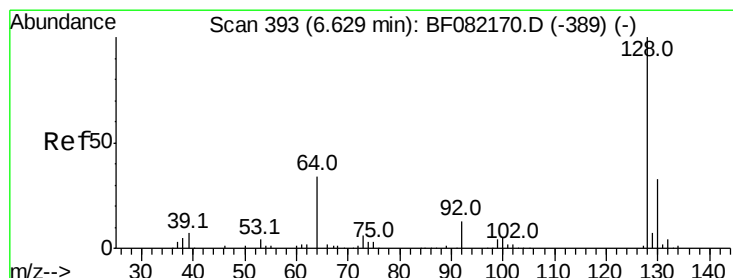
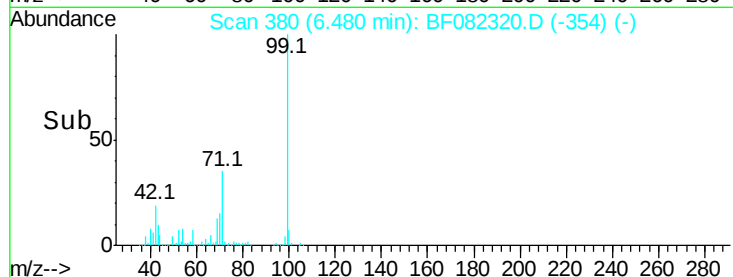
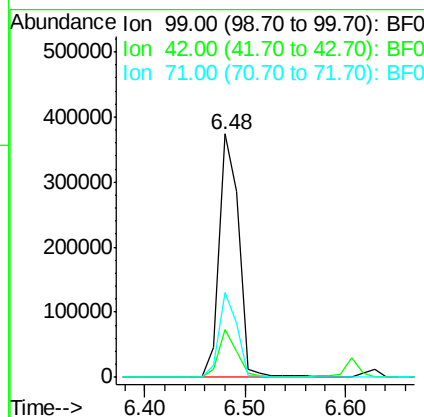
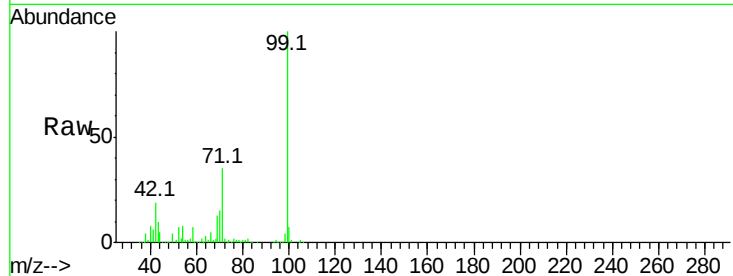
ClientSampleId :

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Tot Ion:	99	Resp:	505508
Ion Ratio	Lower	Upper	
99	100		
42	19.5	13.2	19.8
71	35.1	25.6	38.4

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#8

2-Chlorophenol

Concen: 40.50 ng

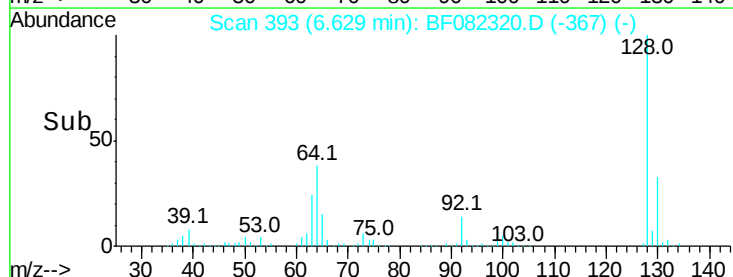
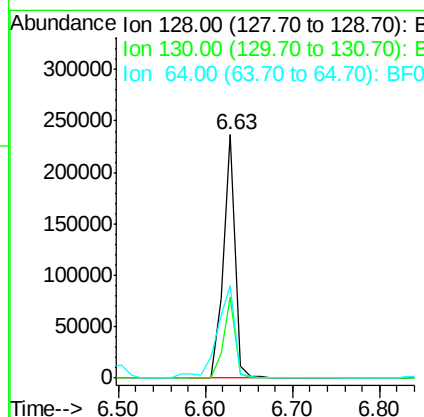
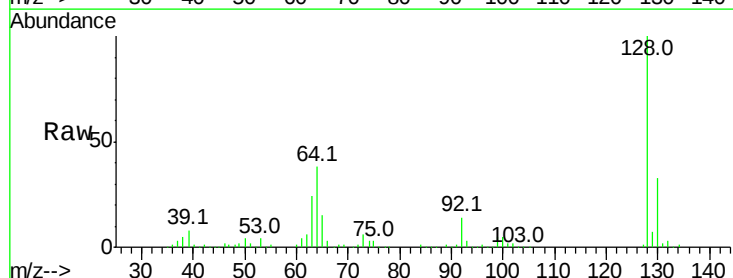
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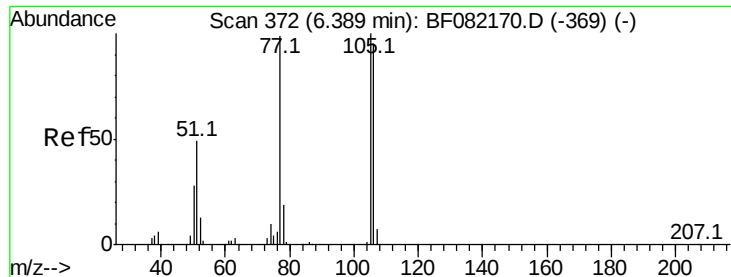
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	128	Resp:	228524
Ion Ratio	Lower	Upper	
128	100		
130	33.4	12.6	52.6
64	38.2	16.7	56.7





#9

Benzaldehyde

Concen: 48.89 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

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BNA_F

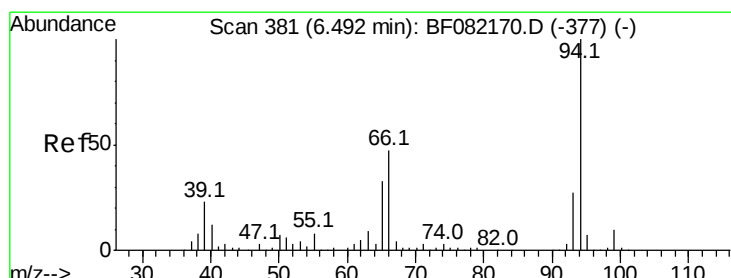
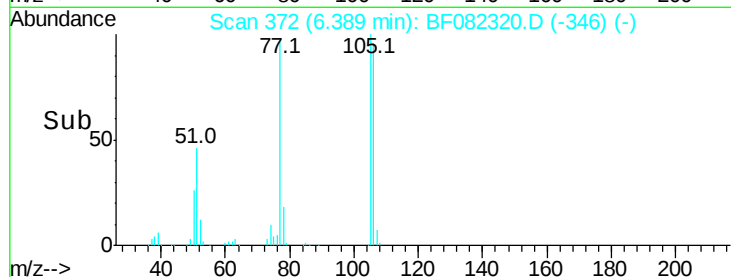
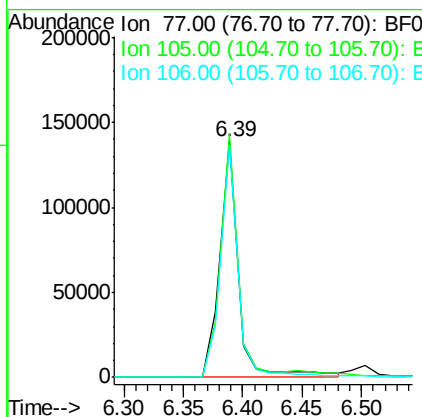
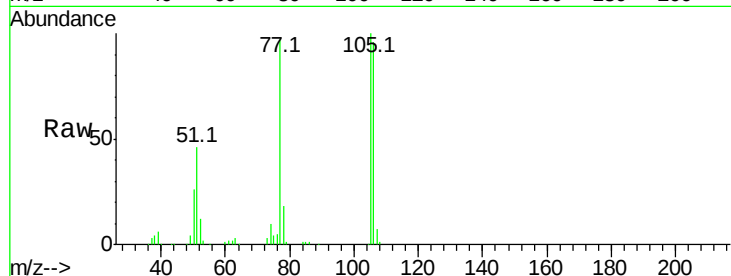
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Tot Ion:	77	Resp:	150145
Ion Ratio	Lower	Upper	
77	100		
105	103.3	80.6	120.6
106	98.7	75.5	115.5

Manual Integrations
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#10

Phenol

Concen: 38.31 ng

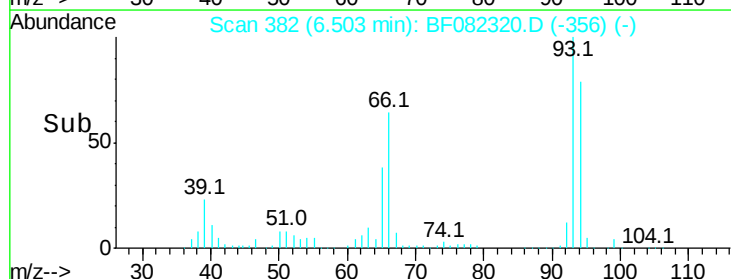
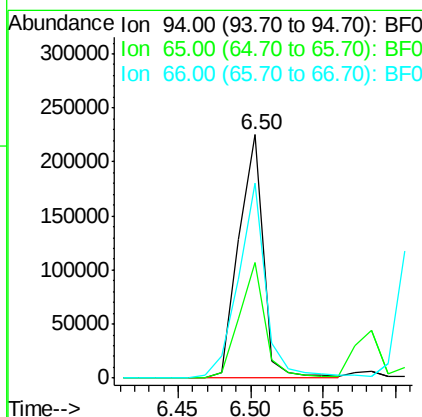
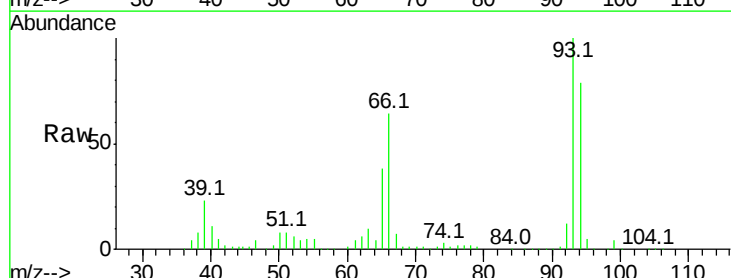
RT: 6.50 min Scan# 382

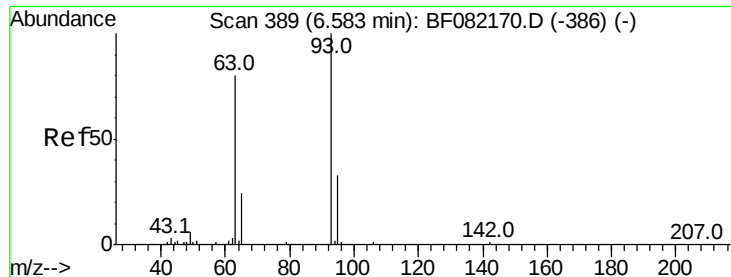
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	94	Resp:	265671
Ion Ratio	Lower	Upper	
94	100		
65	47.6	12.6	52.6
66	80.1	27.3	67.3#





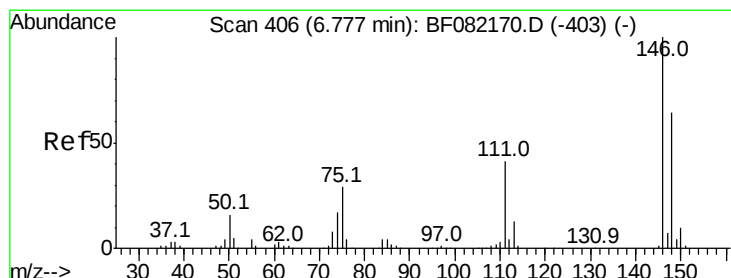
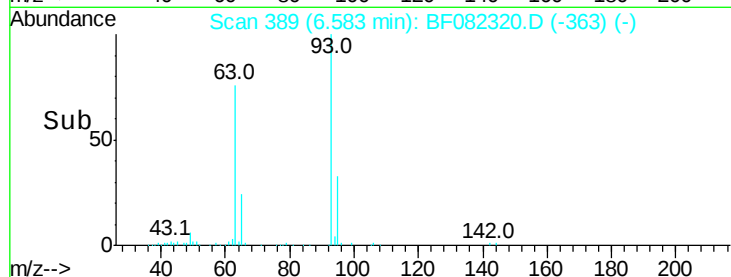
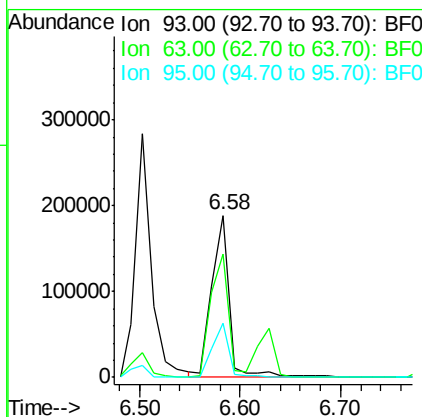
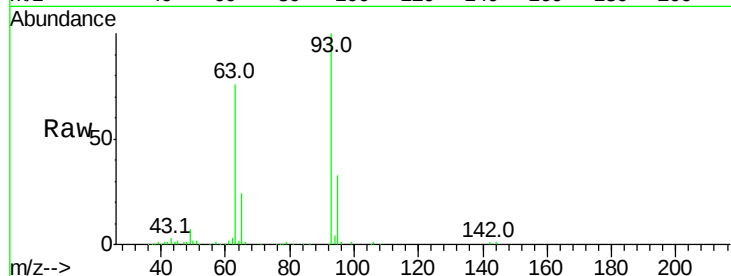
#11
bis(2-Chloroethyl)ether
Concen: 38.24 ng
RT: 6.58 min Scan# 389
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	224211
Ion Ratio	Lower	Upper	
93	100		
63	75.7	57.1	97.1
95	33.1	11.9	51.9

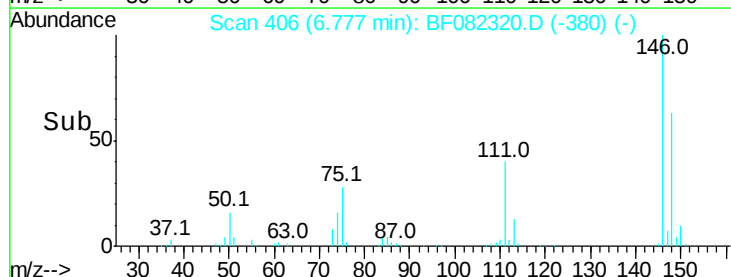
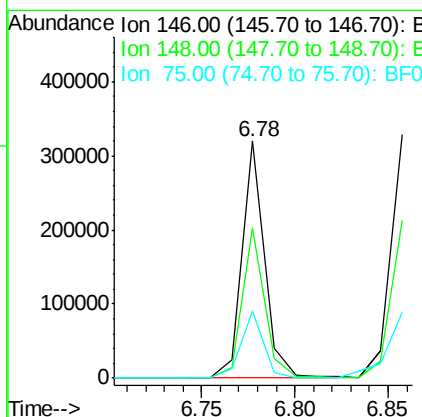
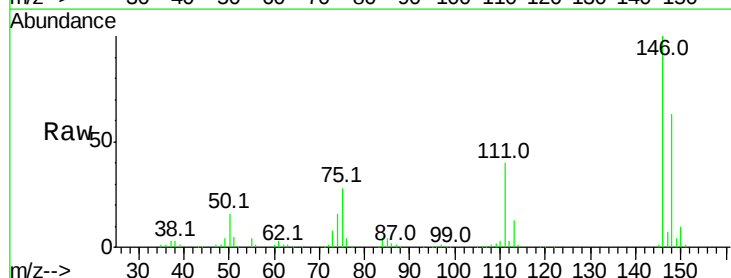
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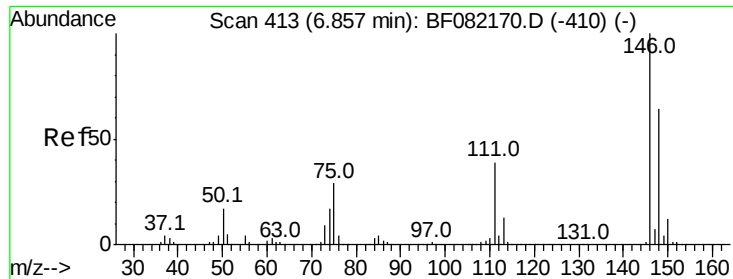
MMdadoda
10/19/2015 5:32:02 PM



#12
1,3-Dichlorobenzene
Concen: 41.02 ng
RT: 6.78 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion:	146	Resp:	269530
Ion Ratio	Lower	Upper	
146	100		
148	63.5	51.4	77.2
75	28.4	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 40.86 ng

RT: 6.86 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

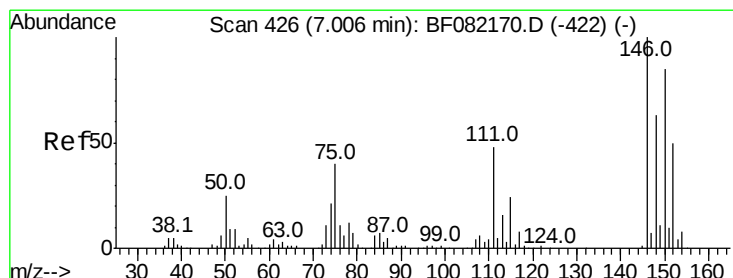
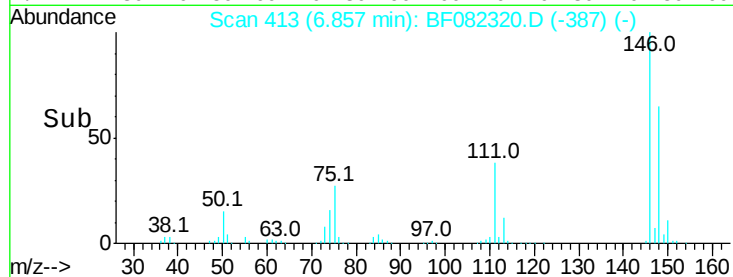
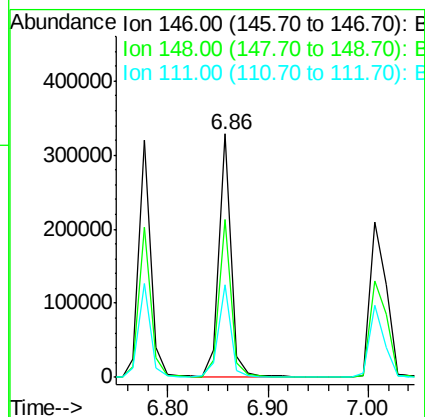
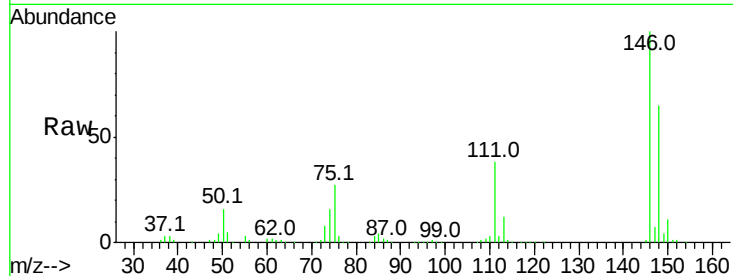
ClientSampleId :

SSTDCCC040

Tot Ion:	146	Resp:	280377
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.0	76.4
111	38.0	31.1	46.7

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MMdadoda
10/19/2015 5:32:02 PM



#14

1,2-Dichlorobenzene

Concen: 36.92 ng

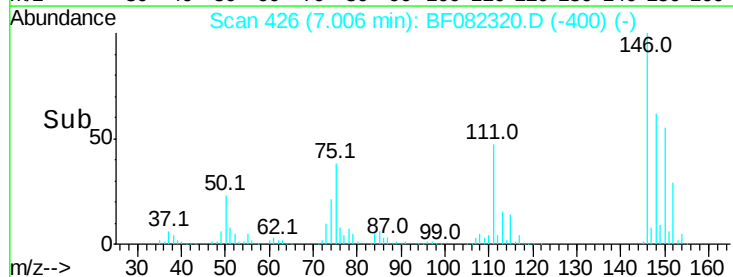
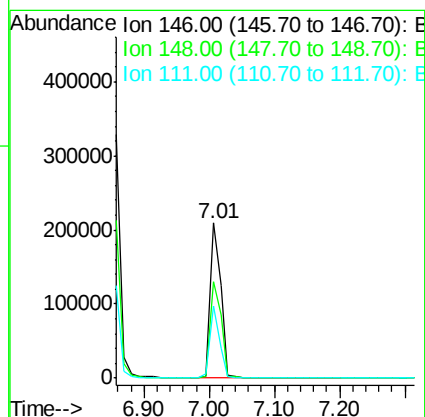
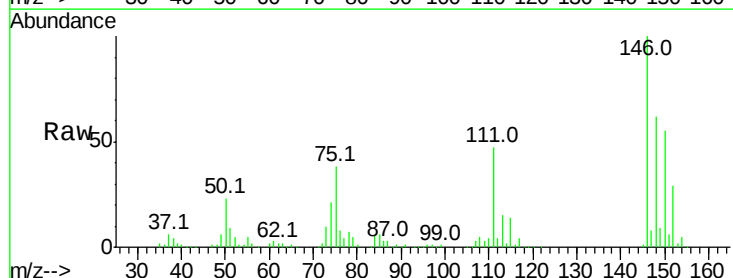
RT: 7.01 min Scan# 426

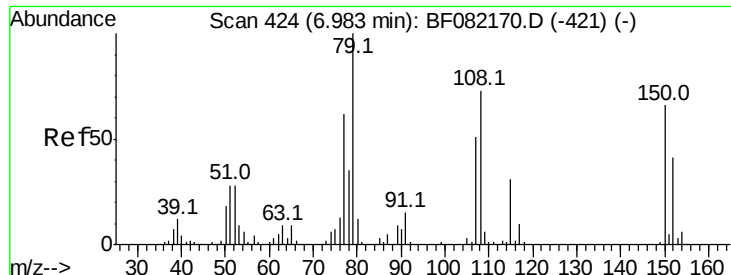
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	146	Resp:	240545
Ion Ratio	Lower	Upper	
146	100		
148	62.0	50.5	75.7
111	46.8	38.5	57.7





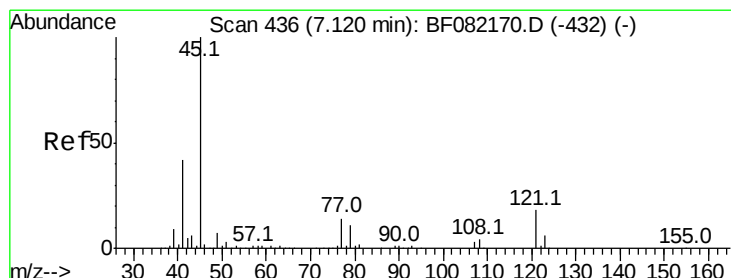
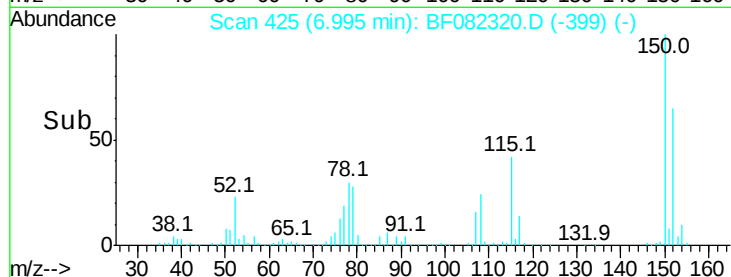
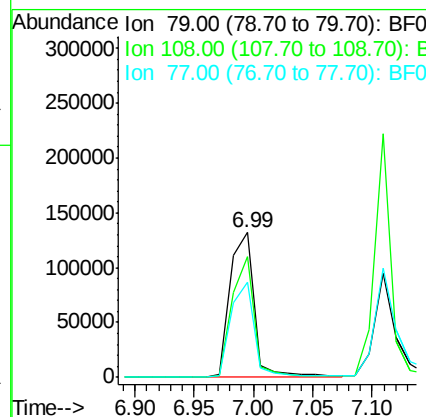
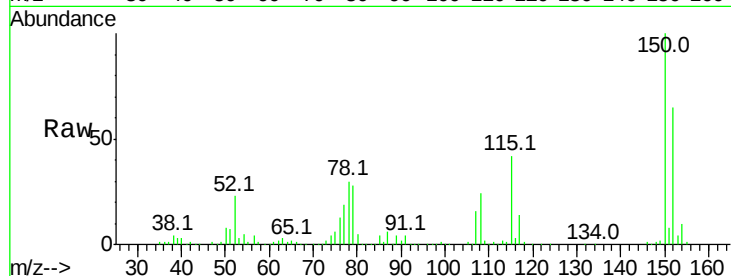
#15
Benzyl Alcohol
Concen: 45.42 ng
RT: 6.99 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	83.6	58.4	87.6
77	66.0	49.8	74.6

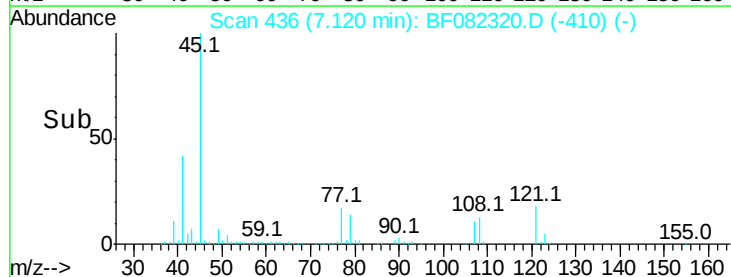
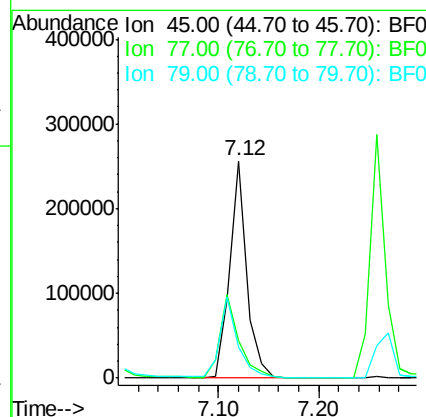
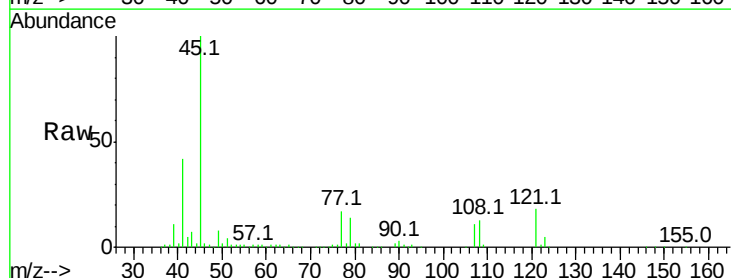
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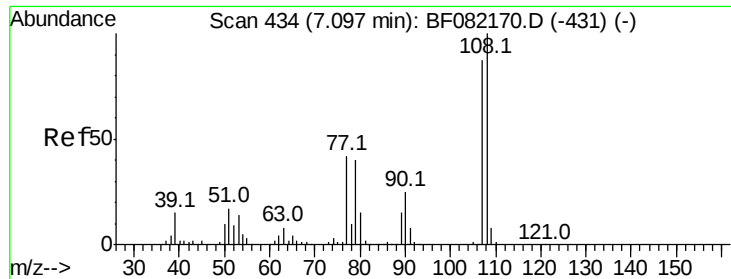
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.94 ng
RT: 7.12 min Scan# 436
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.1	0.0	34.5
79	14.2	0.0	31.6





#17

2-Methylphenol

Concen: 42.43 ng

RT: 7.11 min Scan# 435

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

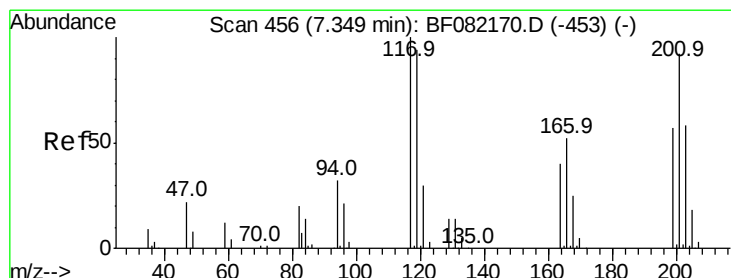
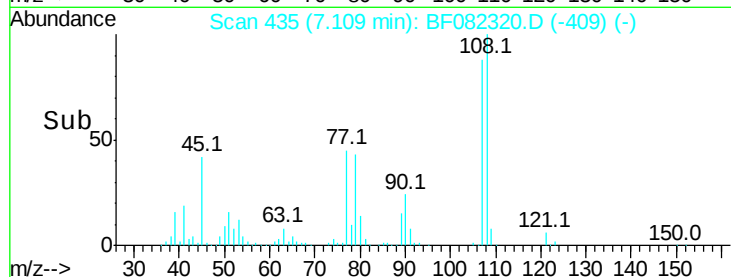
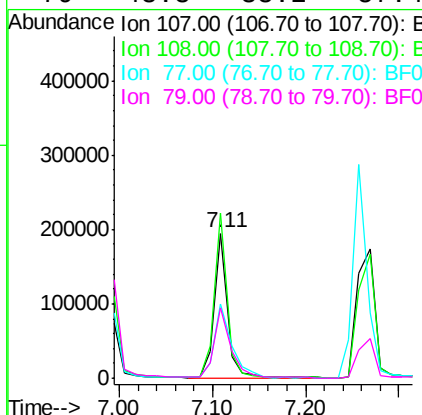
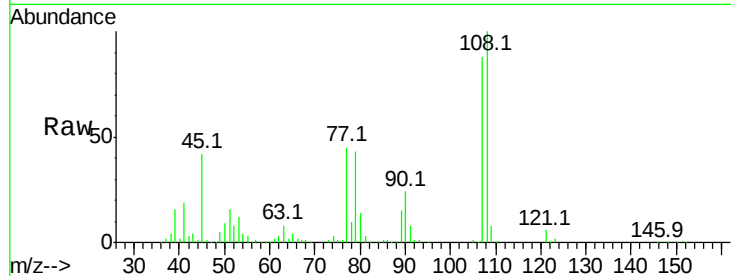
ClientSampleId :

SSTDCCC040

Tot Ion:	107	Resp:	189299
Ion Ratio	Lower	Upper	
107	100		
108	113.8	92.2	138.2
77	50.8	39.6	59.4
79	48.8	38.2	57.4

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#18

Hexachloroethane

Concen: 39.13 ng

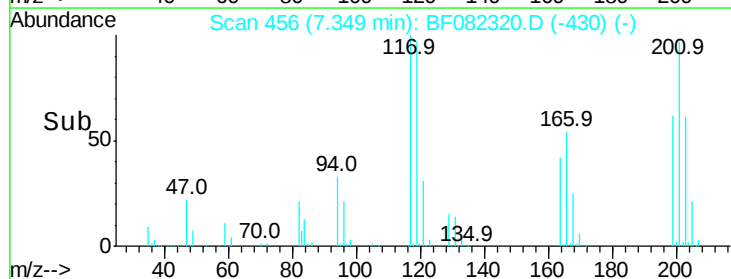
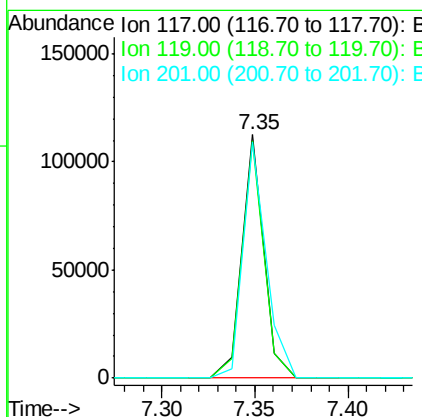
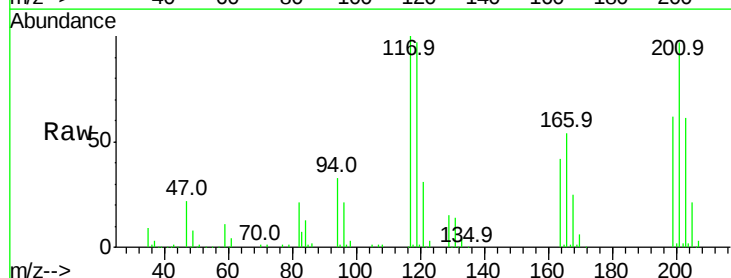
RT: 7.35 min Scan# 456

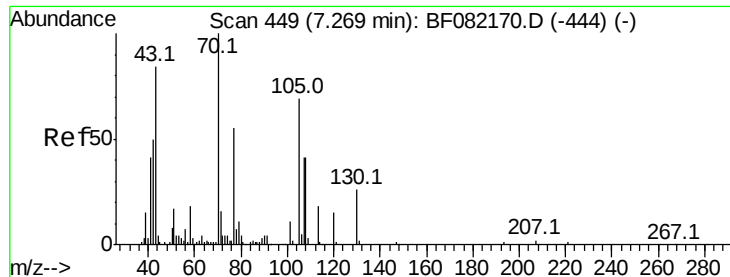
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	117	Resp:	91912
Ion Ratio	Lower	Upper	
117	100		
119	97.2	75.4	113.2
201	96.7	73.4	110.0





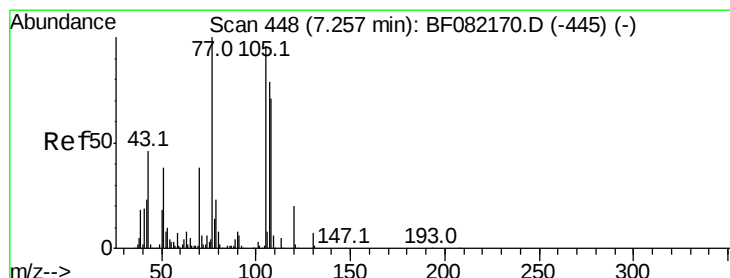
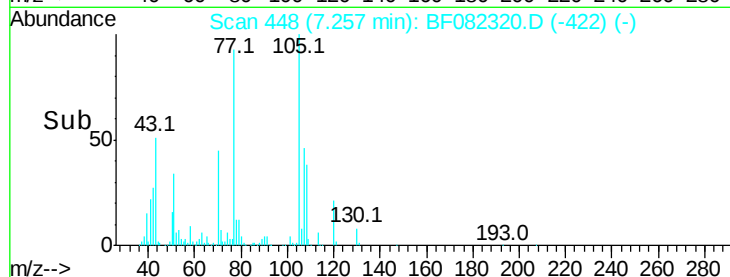
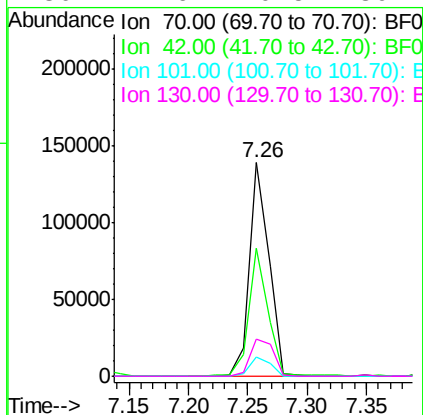
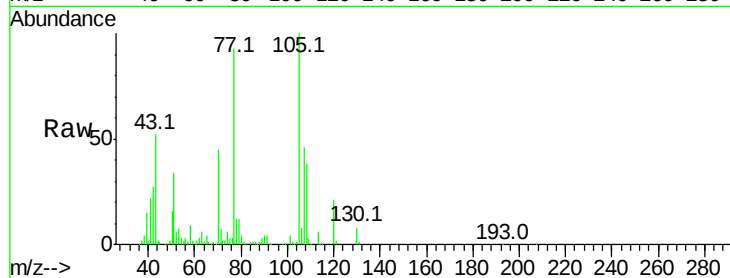
#19
n-Nitroso-di-n-propylamine
Concen: 37.79 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	60.2	39.8	59.8#	
101	8.7	8.6	13.0	
130	17.6	20.5	30.7#	

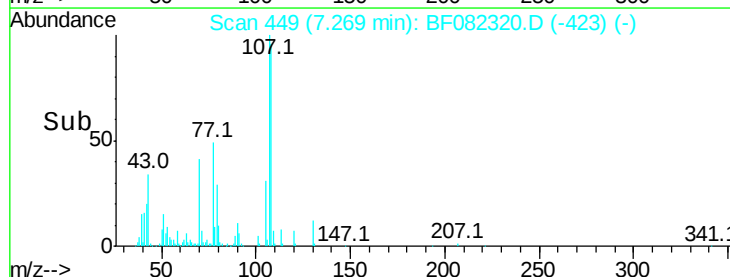
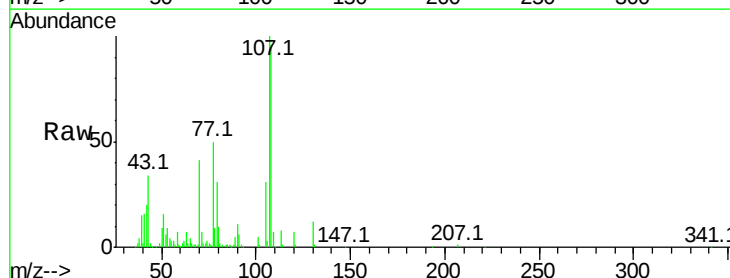
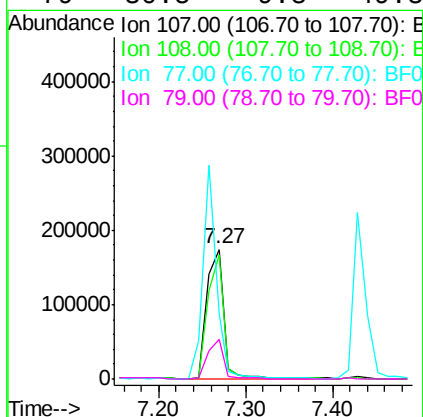
Manual Integrations
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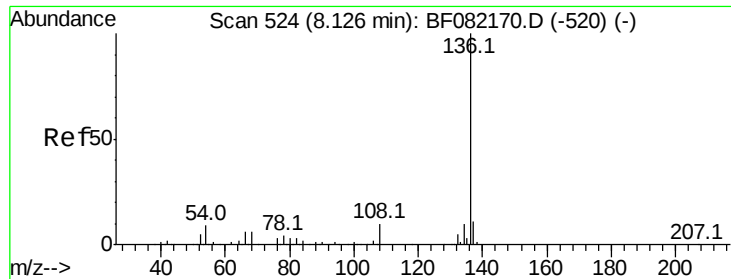
MMdadoda
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#20
3+4-Methylphenols
Concen: 44.27 ng
RT: 7.27 min Scan# 449
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	96.4	69.9	109.9	
77	50.2	106.0	146.0#	
79	30.5	9.8	49.8	





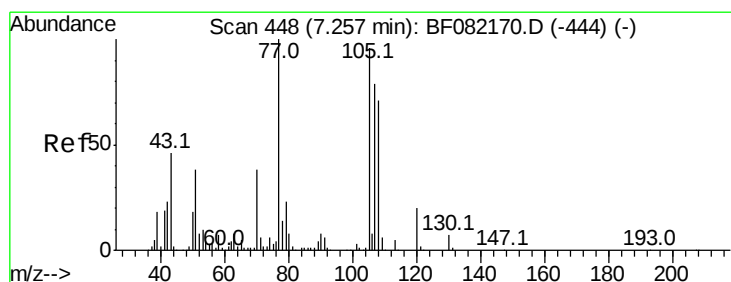
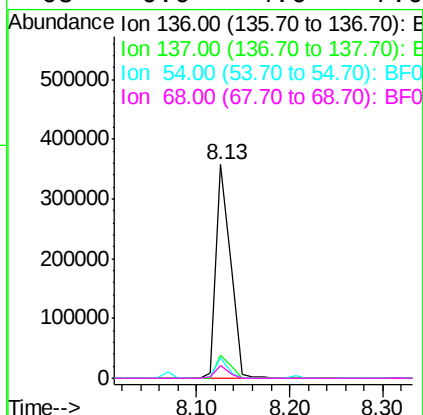
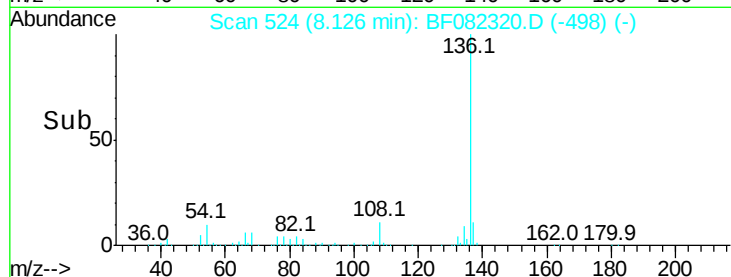
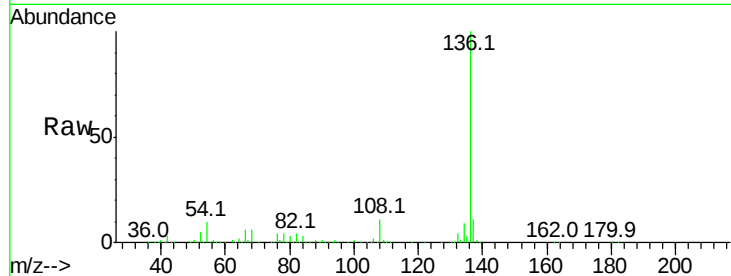
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	382664		
137	11.0		9.0	13.6
54	9.7		7.5	11.3
68	6.0		4.6	7.0

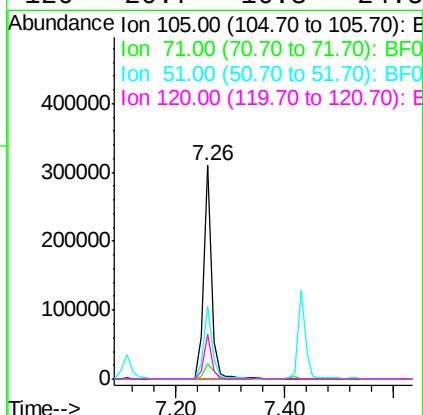
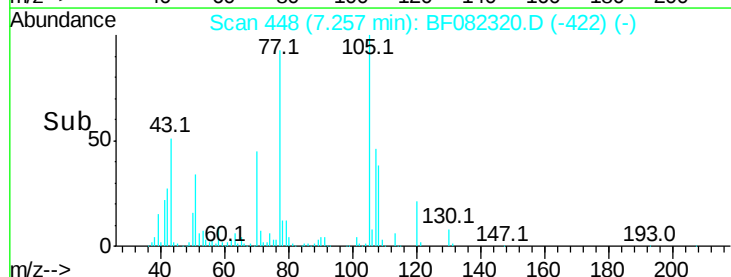
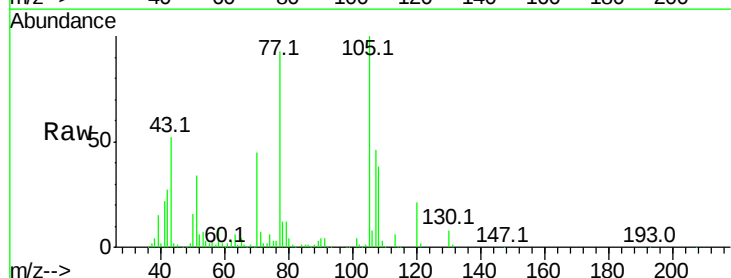
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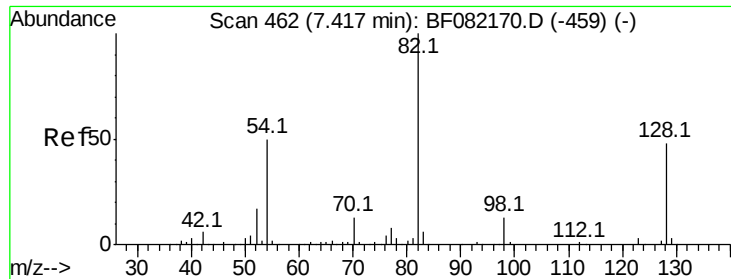
MMdadoda
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#22
Acetophenone
Concen: 41.15 ng
RT: 7.26 min Scan# 448
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	311511		
71	7.3		5.4	8.0
51	34.3		31.8	47.6
120	20.7		16.3	24.5





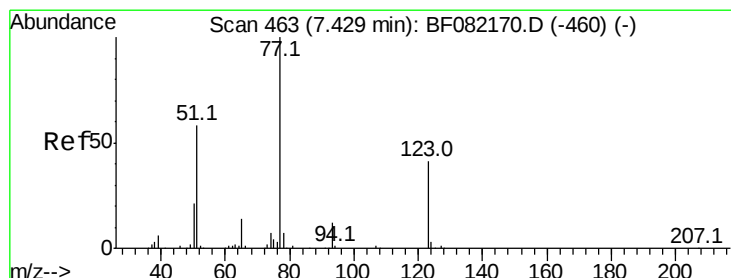
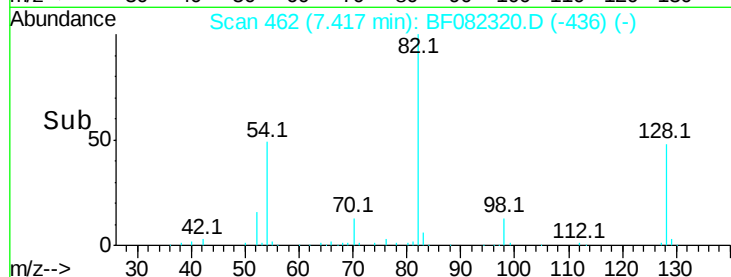
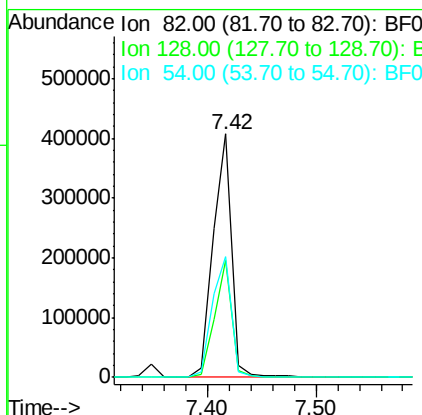
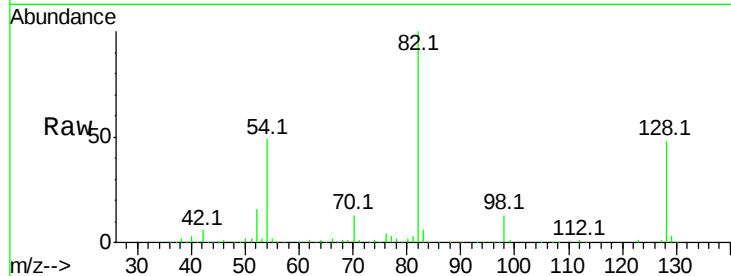
#23
 Nitrobenzene-d5
 Concen: 85.49 ng
 RT: 7.42 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.8	38.7	58.1
54	49.4	40.1	60.1

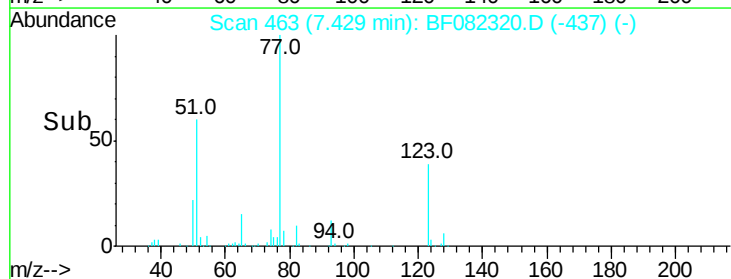
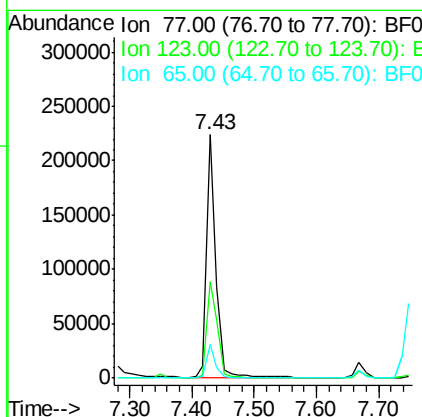
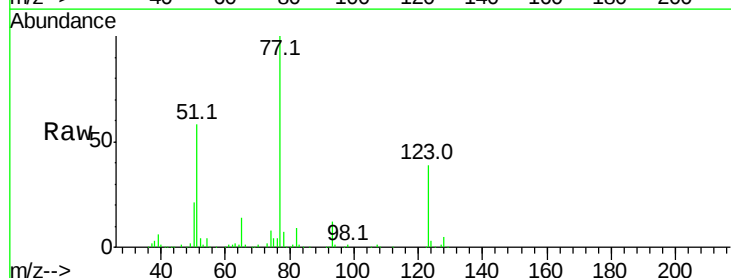
Manual Integrations
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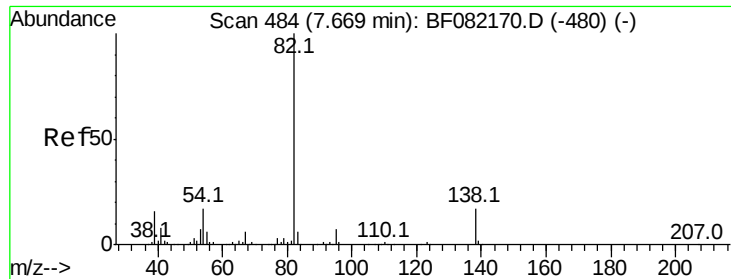
MMdadoda
 10/19/2015 5:32:02 PM



#24
 Nitrobenzene
 Concen: 37.71 ng
 RT: 7.43 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
77	100		
123	39.4	33.0	49.4
65	14.0	11.2	16.8





#25

Isophorone

Concen: 39.62 ng

RT: 7.67 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

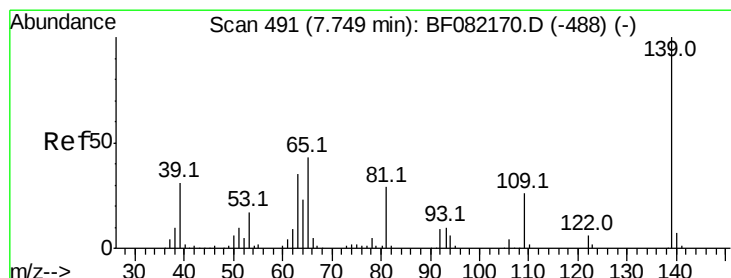
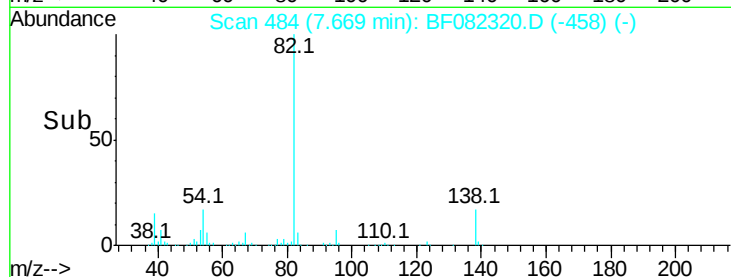
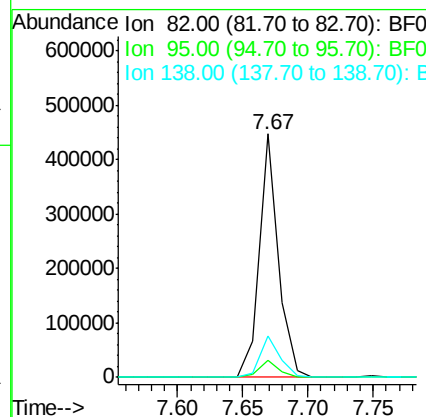
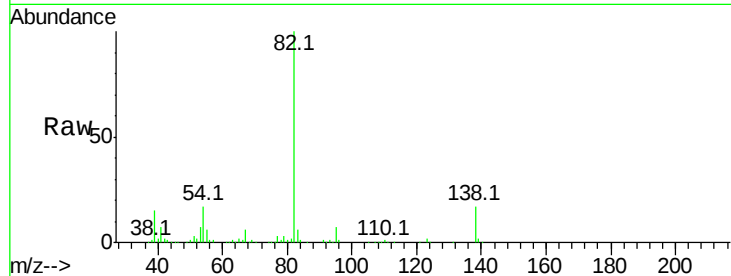
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	455671
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.6	8.4
138	17.1	13.6	20.4

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MMdadoda
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#26

2-Nitrophenol

Concen: 43.96 ng

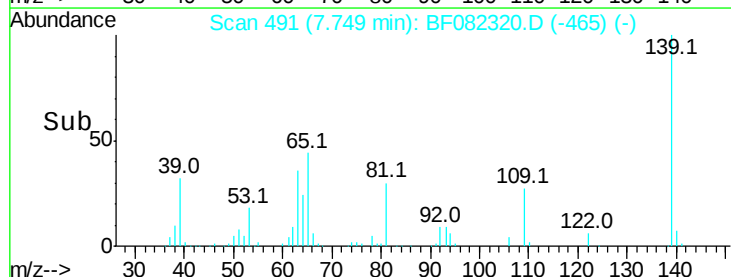
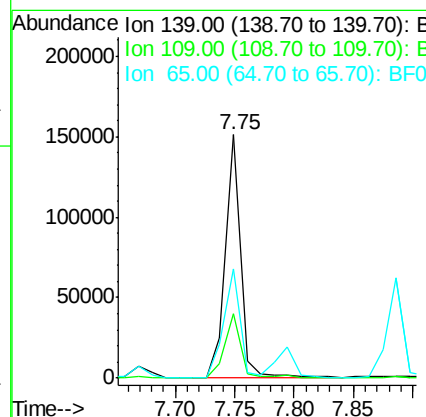
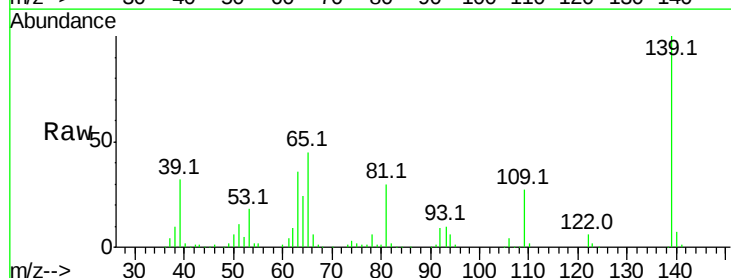
RT: 7.75 min Scan# 491

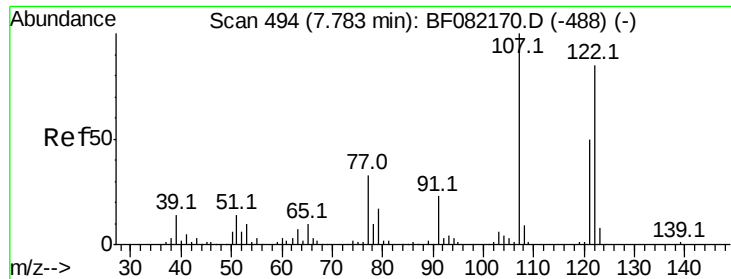
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	139	Resp:	135389
Ion Ratio	Lower	Upper	
139	100		
109	26.6	20.6	31.0
65	45.0	34.3	51.5





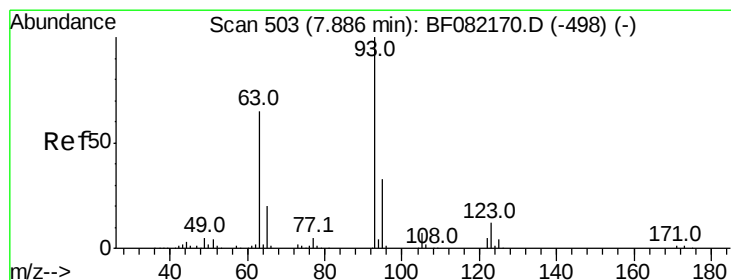
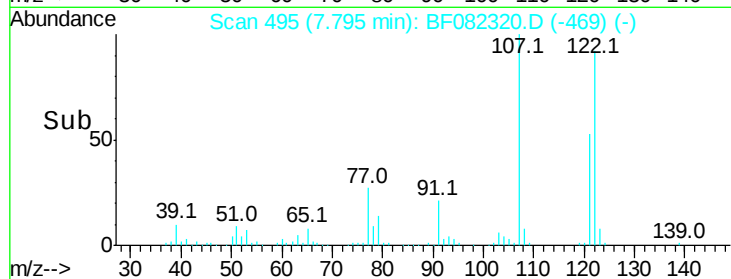
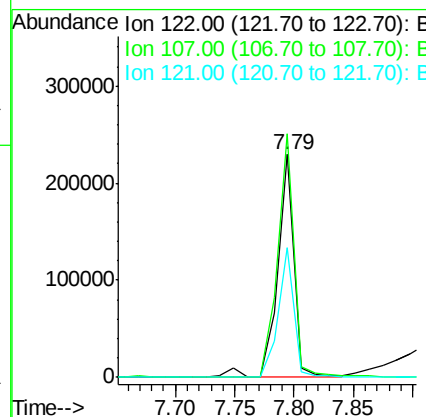
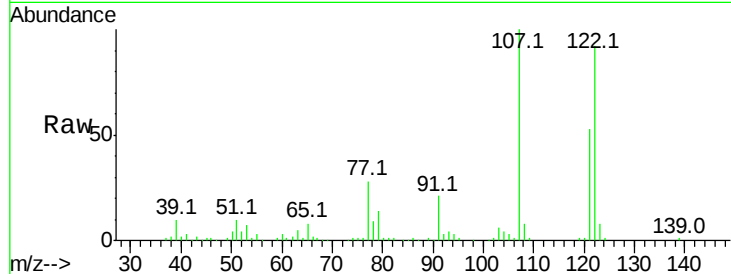
#27
 2,4-Dimethylphenol
 Concen: 45.20 ng
 RT: 7.79 min Scan# 495
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	224254		
107	109.2	94.0	141.0	
121	58.0	46.8	70.2	

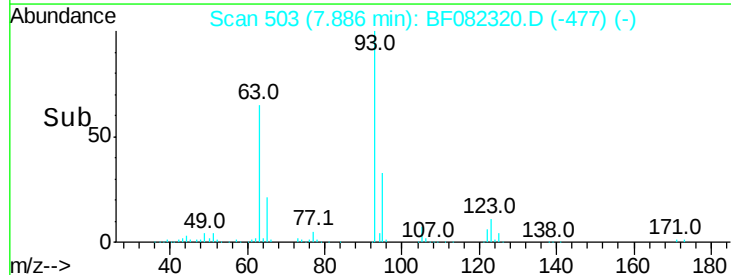
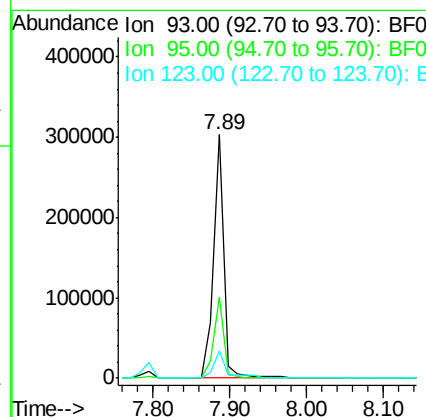
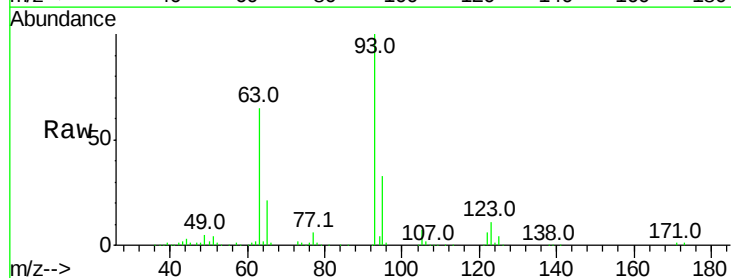
Manual Integrations
 APPROVED

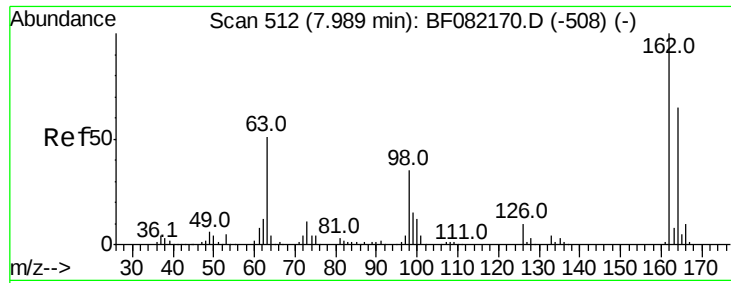
MMdadoda
 10/19/2015 5:32:02 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.89 ng
 RT: 7.89 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	280297		
95	33.1	26.6	39.8	
123	11.4	9.5	14.3	





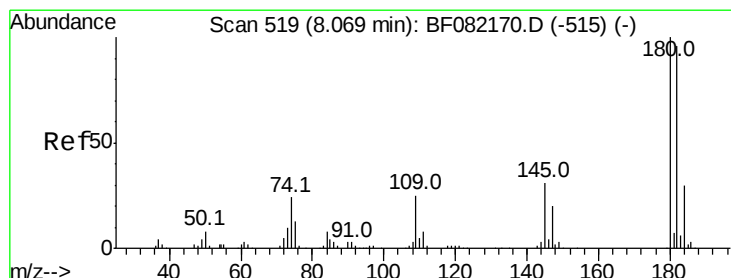
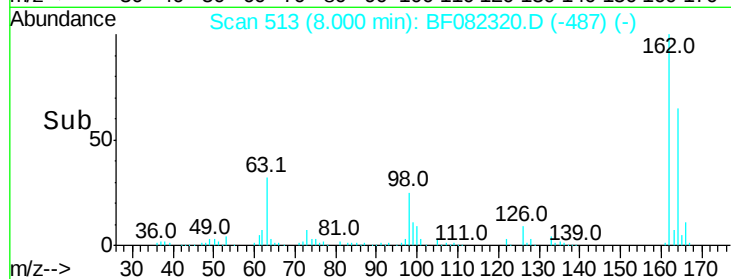
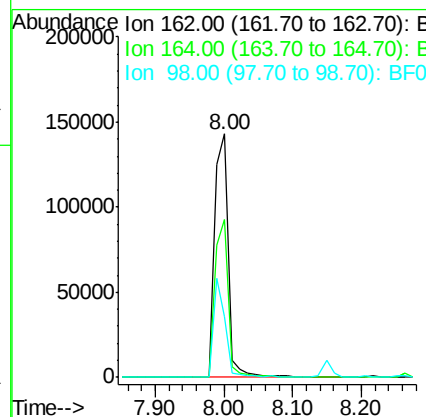
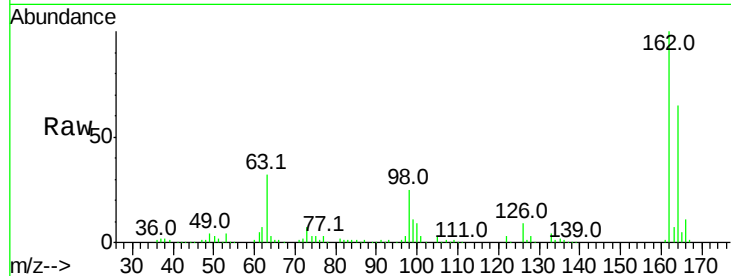
#29
 2,4-Dichlorophenol
 Concen: 40.65 ng
 RT: 8.00 min Scan# 513
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		201645		
164	64.6	44.6	84.6		
98	24.8	15.0	55.0		

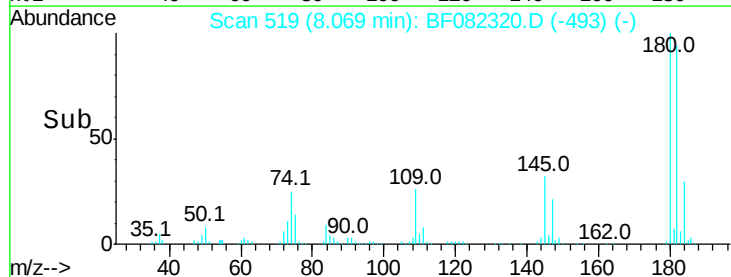
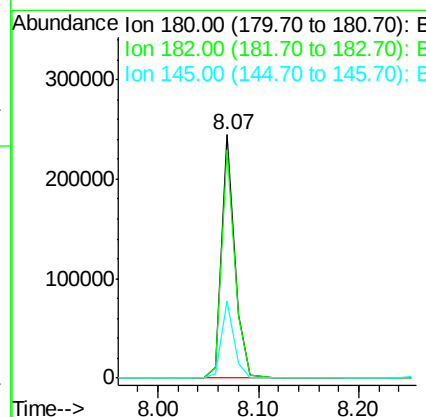
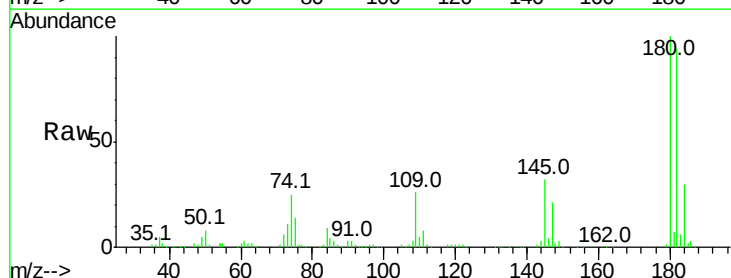
Manual Integrations
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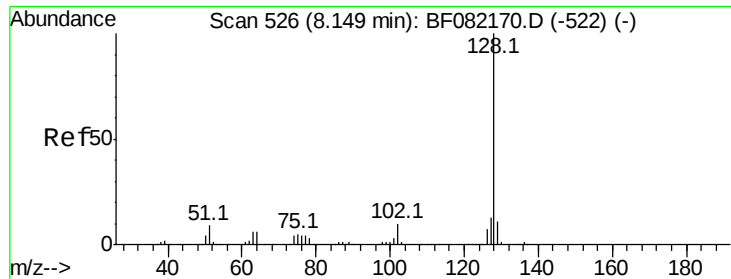
MMdadoda
 10/19/2015 5:32:02 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 39.27 ng
 RT: 8.07 min Scan# 519
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		224539		
182	93.9	77.0	115.4		
145	31.9	25.0	37.4		





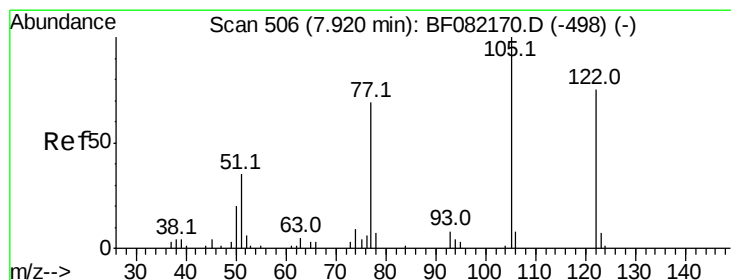
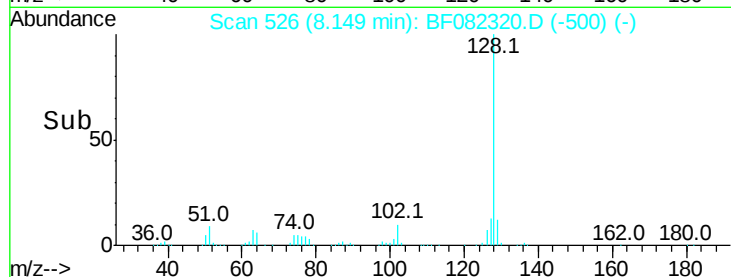
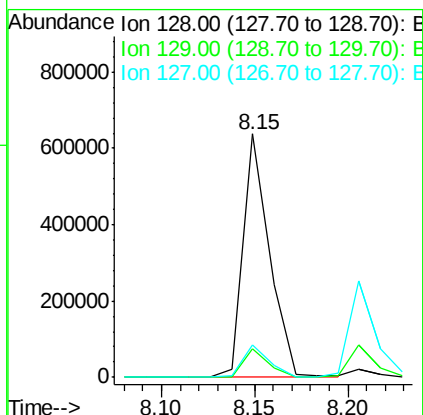
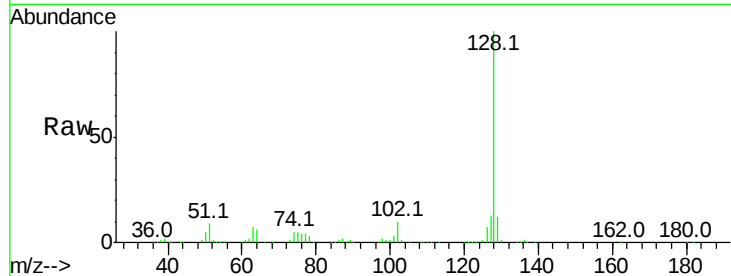
#31
Naphthalene
Concen: 38.06 ng
RT: 8.15 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100	631386		
129	11.5		9.1	13.7
127	13.4		10.7	16.1

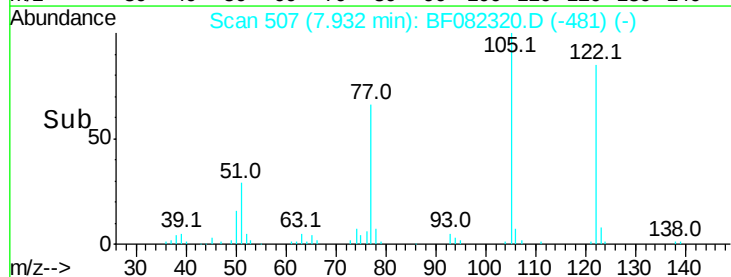
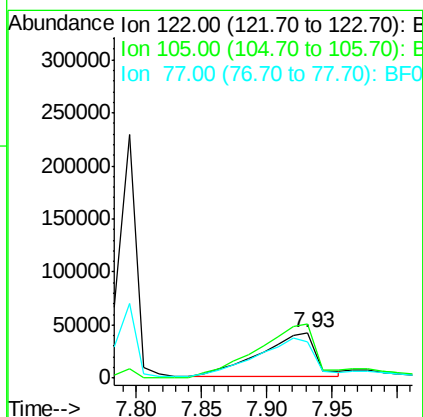
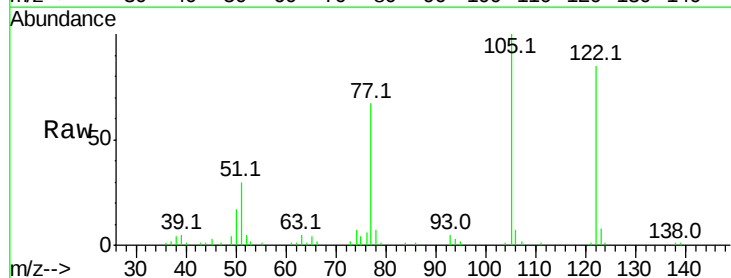
Manual Integrations
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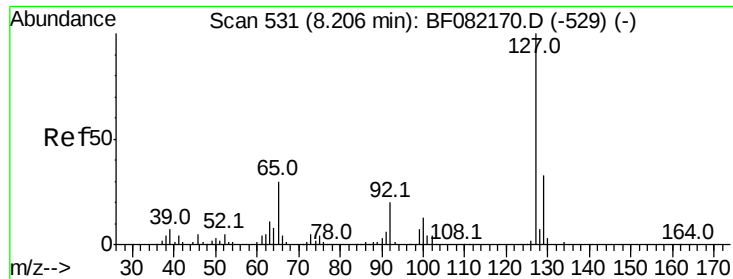
MMdadoda
10/19/2015 5:32:02 PM



#32
Benzoic acid
Concen: 36.23 ng
RT: 7.93 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	120658		
105	117.6		104.4	144.4
77	78.7		69.0	109.0





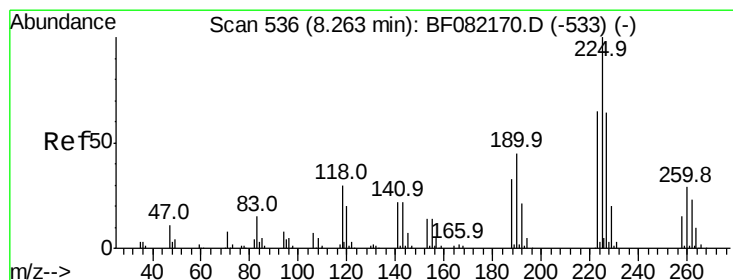
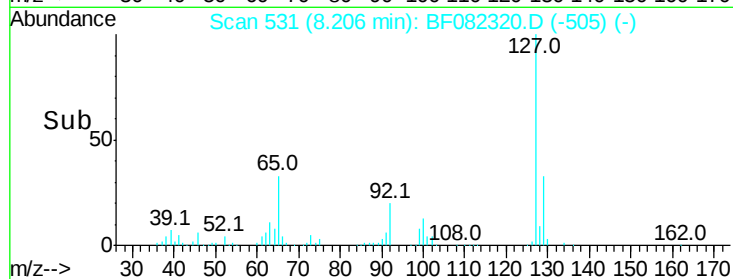
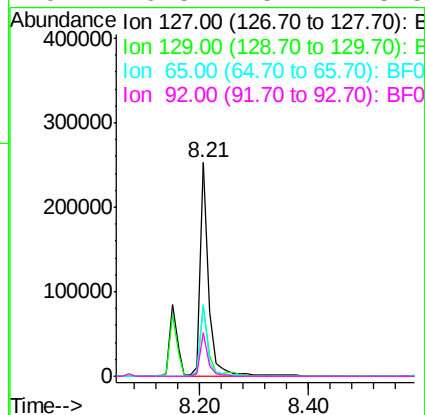
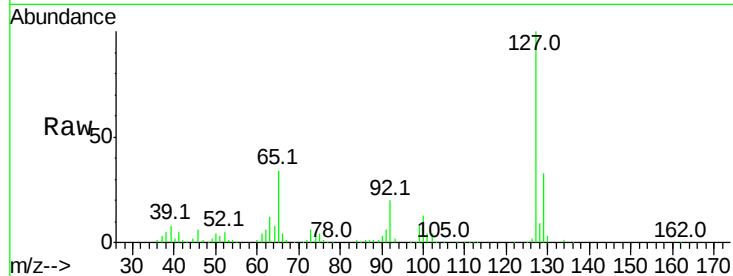
#33
4-Chloroaniline
Concen: 38.32 ng
RT: 8.21 min Scan# 531
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	33.0	26.3	39.5	
65	33.8	24.4	36.6	
92	20.5	15.7	23.5	

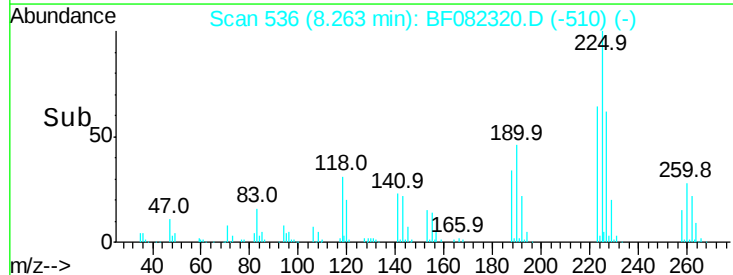
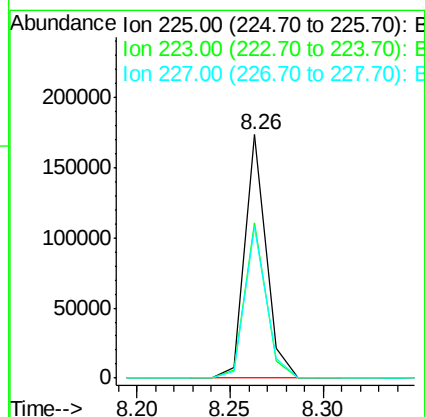
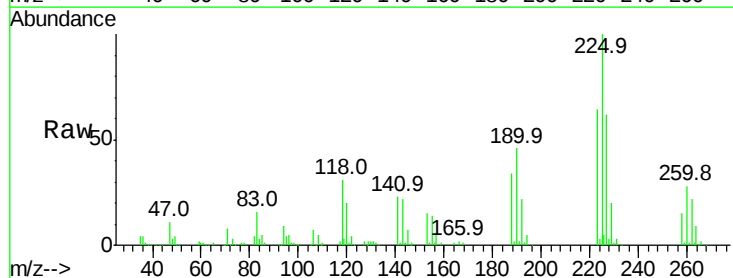
Manual Integrations
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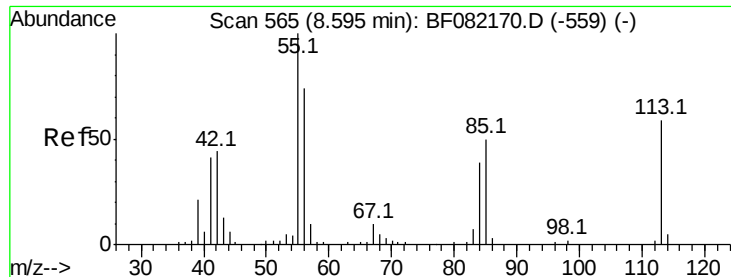
MMdadoda
10/19/2015 5:32:02 PM



#34
Hexachlorobutadiene
Concen: 39.06 ng
RT: 8.26 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.7	52.2	78.2	
227	62.4	51.3	76.9	





#35

Caprolactam

Concen: 47.00 ng

RT: 8.59 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

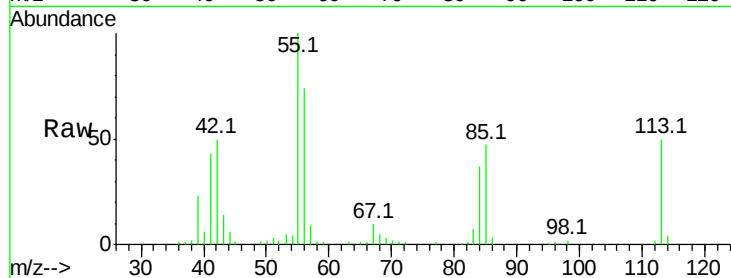
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	67657
Ion Ratio	Lower	Upper	
113	100		
55	199.6	149.7	189.7#
56	146.9	105.4	145.4#

Manual Integrations
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MMdadoda
10/19/2015 5:32:02 PM

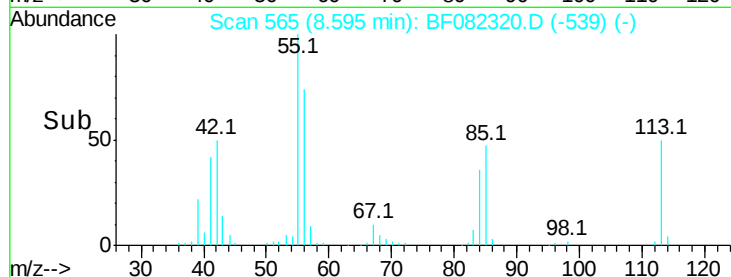


Abundance Ion 113.00 (112.70 to 113.70): E

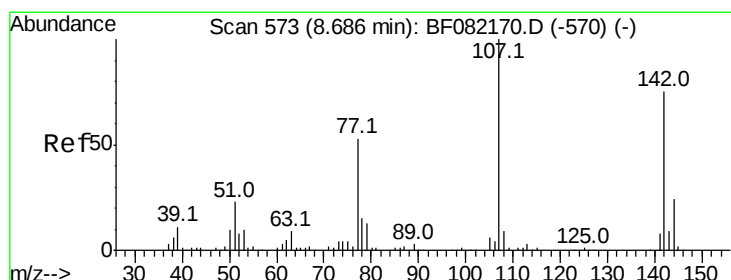
Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

Time-->



Time-->



#36

4-Chloro-3-methylphenol

Concen: 46.51 ng

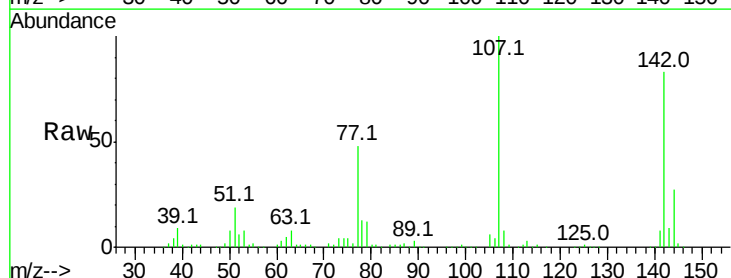
RT: 8.70 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	107	Resp:	225615
Ion Ratio	Lower	Upper	
107	100		
144	26.8	19.3	28.9
142	82.6	59.9	89.9

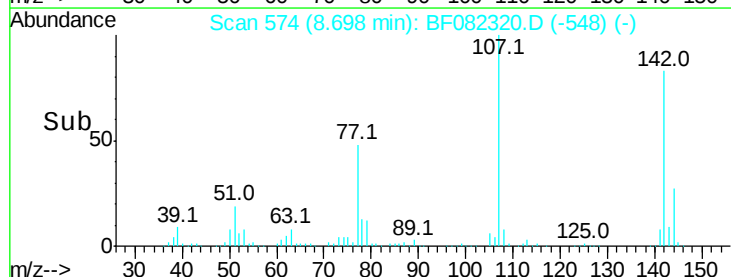


Abundance Ion 107.00 (106.70 to 107.70): E

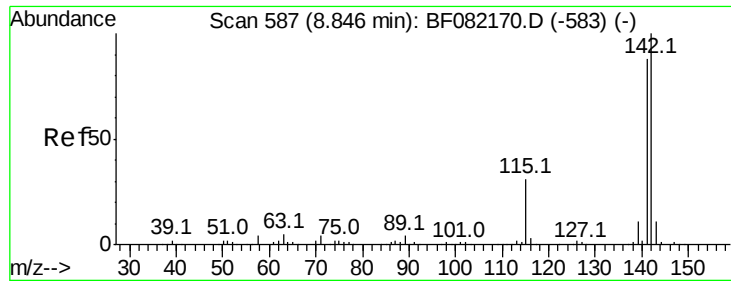
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

Time-->



Time-->



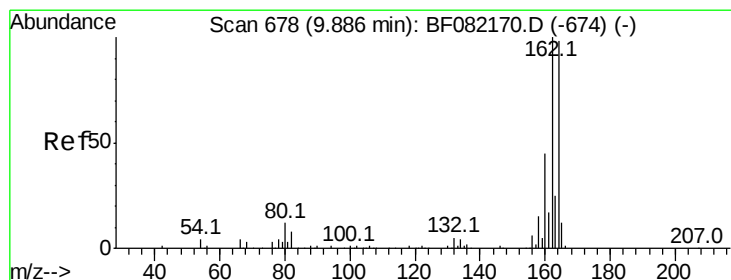
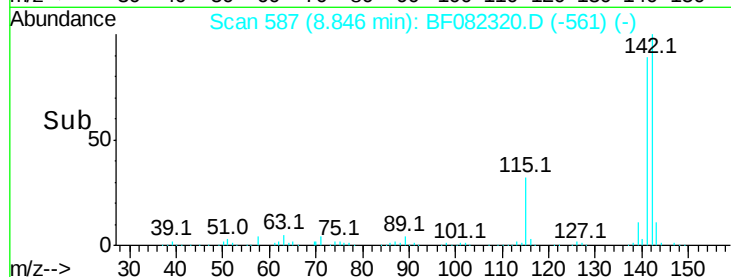
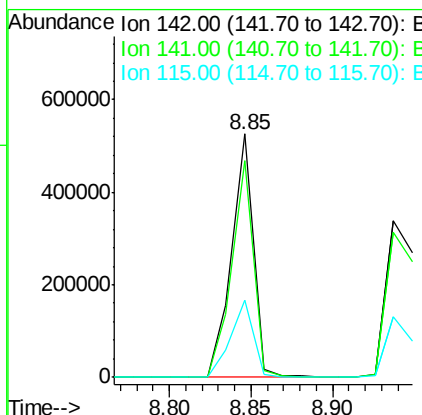
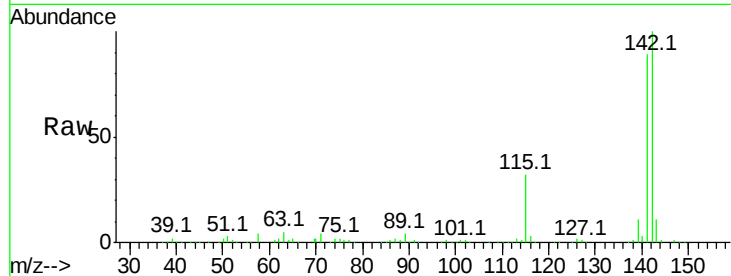
#37
2-Methylnaphthalene
Concen: 42.38 ng
RT: 8.85 min Scan# 587
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	487357		
141	89.1		70.4	105.6
115	31.8		24.6	37.0

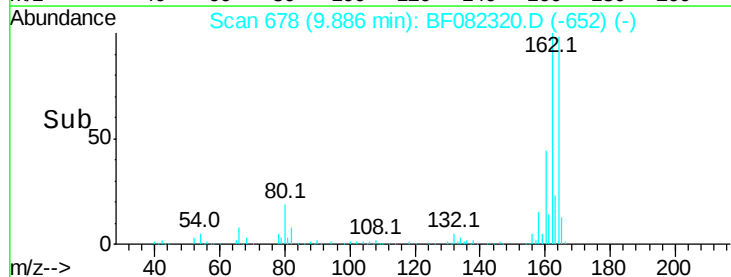
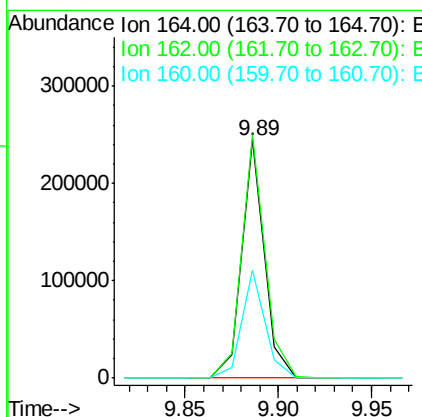
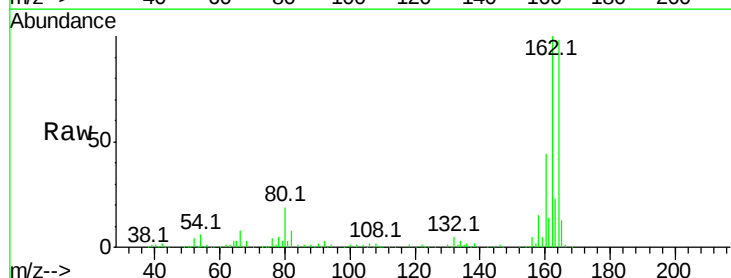
Manual Integrations
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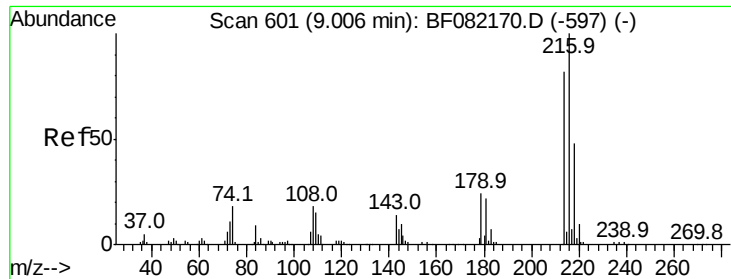
MMdadoda
10/19/2015 5:32:02 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 678
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	207326		
162	102.2		81.6	122.4
160	45.1		36.4	54.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.75 ng

RT: 9.01 min Scan# 601

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

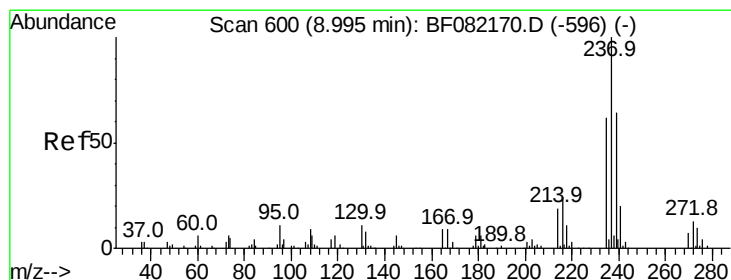
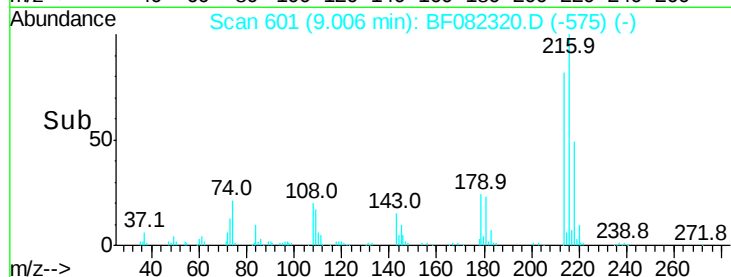
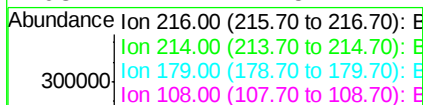
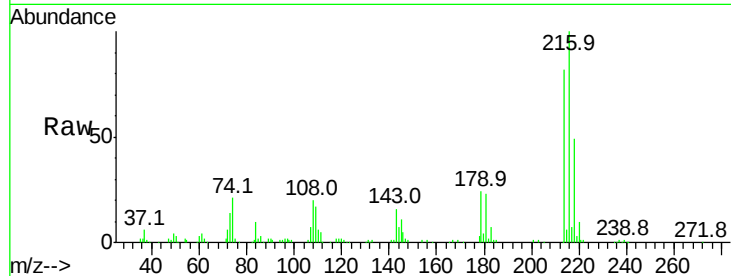
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	214268		
214	80.4	64.6	97.0	
179	21.5	17.6	26.4	
108	17.7	14.5	21.7	

Manual Integrations
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MMdadoda
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#40

Hexachlorocyclopentadiene

Concen: 29.92 ng

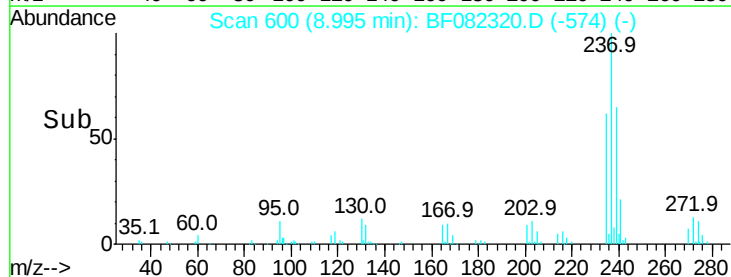
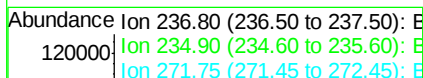
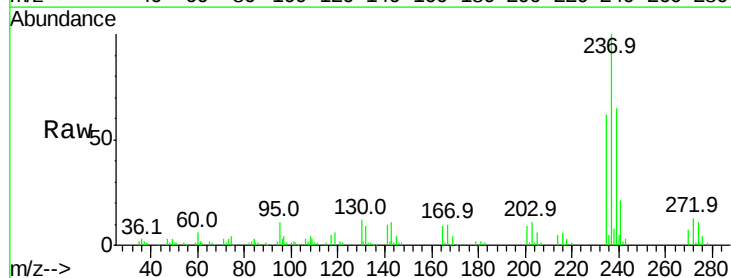
RT: 8.99 min Scan# 600

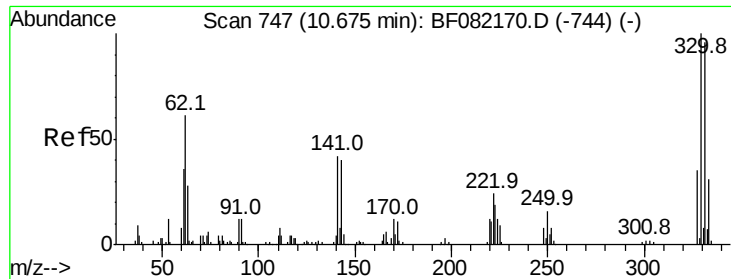
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	75279		
235	61.8	41.7	81.7	
272	12.6	0.0	32.8	





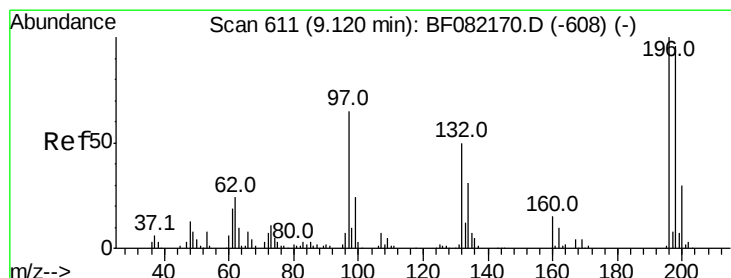
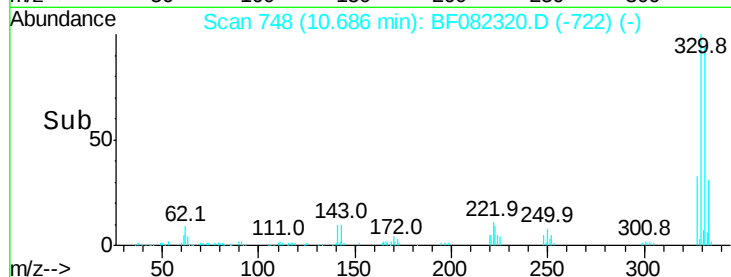
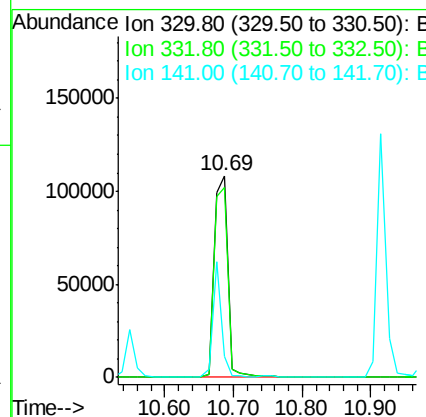
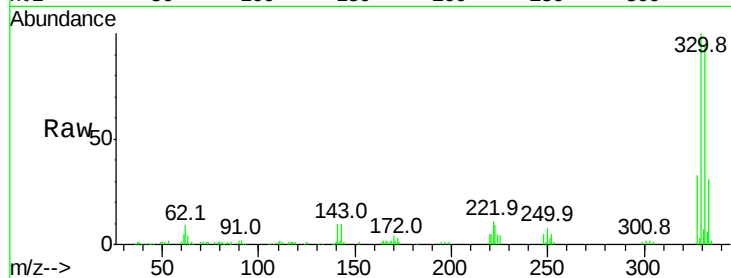
#41
 2,4,6-Tribromophenol
 Concen: 78.18 ng
 RT: 10.69 min Scan# 748
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	152012		
332	95.9	77.1	115.7	
141	36.3	29.8	44.8	

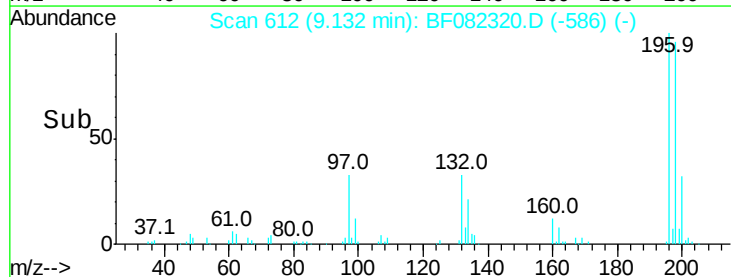
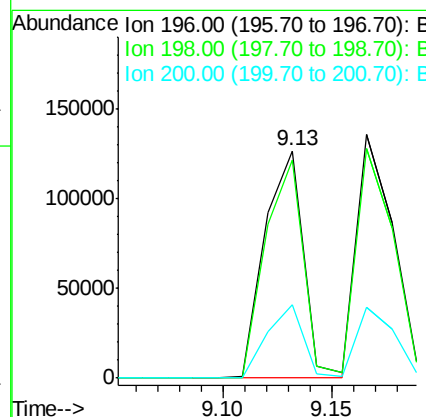
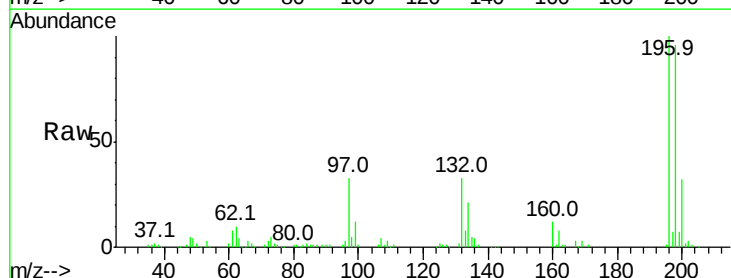
Manual Integrations
 APPROVED

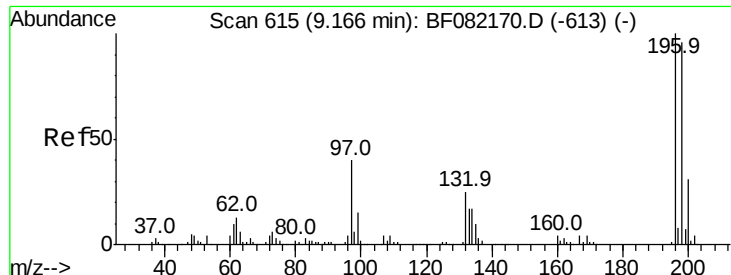
MMdadoda
 10/19/2015 5:32:02 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.13 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157793		
198	95.8	76.6	115.0	
200	32.0	23.7	35.5	





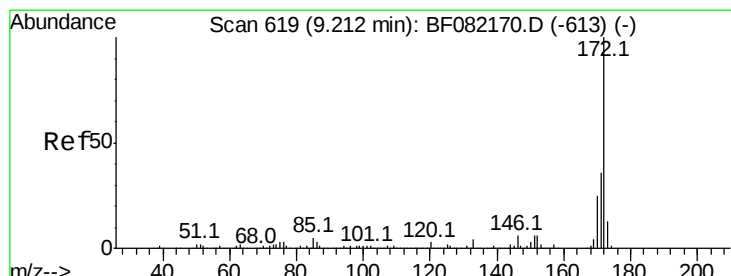
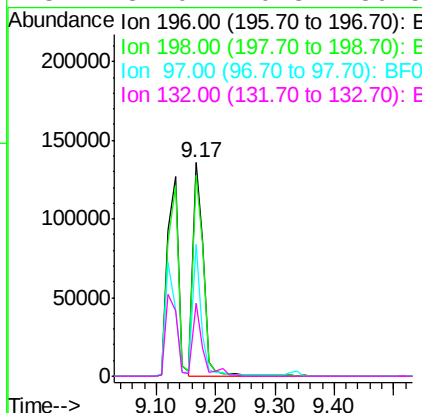
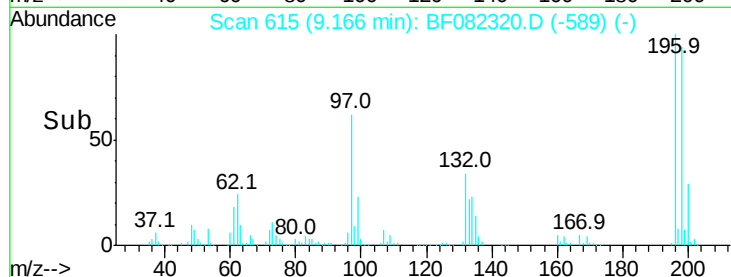
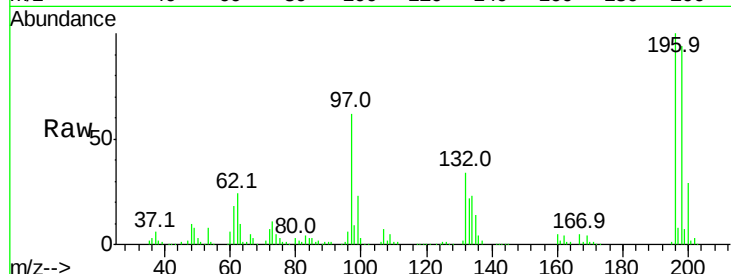
#43
 2,4,5-Trichlorophenol
 Concen: 38.41 ng
 RT: 9.17 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	170412		
198	94.3	77.0	115.4	
97	61.6	31.9	47.9#	
132	34.0	20.3	30.5#	

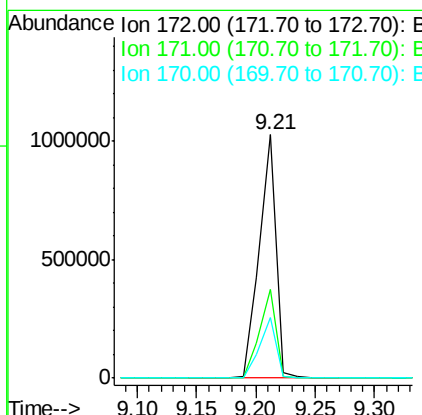
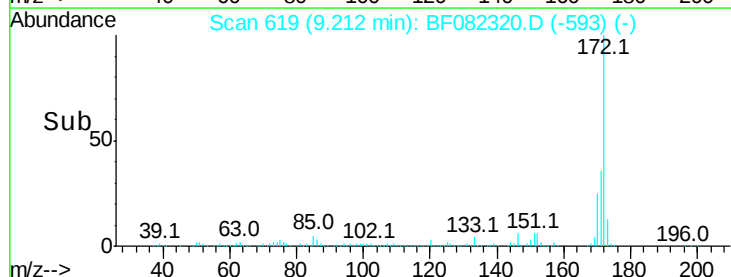
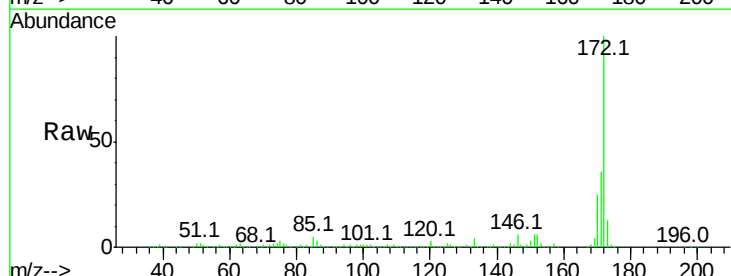
Manual Integrations
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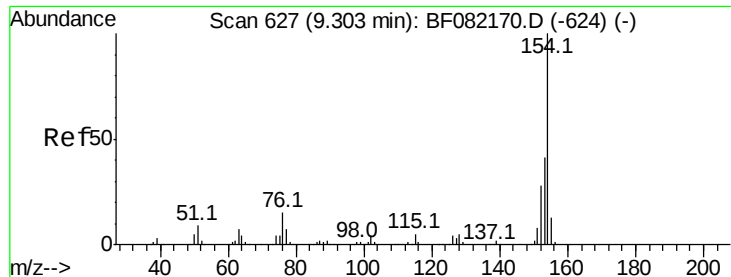
MMdadoda
 10/19/2015 5:32:02 PM



#44
 2-Fluorobiphenyl
 Concen: 81.92 ng
 RT: 9.21 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1024101		
171	36.5	28.6	42.8	
170	24.9	19.7	29.5	





#45

1,1'-Biphenyl

Concen: 36.93 ng

RT: 9.31 min Scan# 628

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

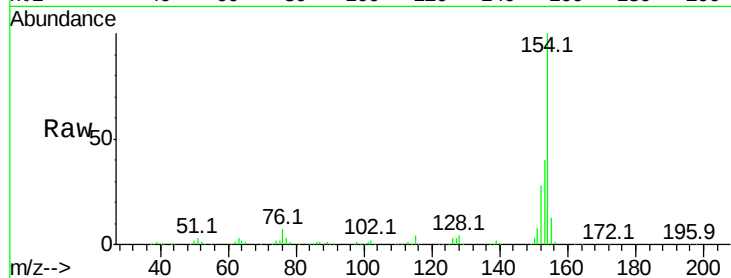
ClientSampleId :

SSTDCCC040

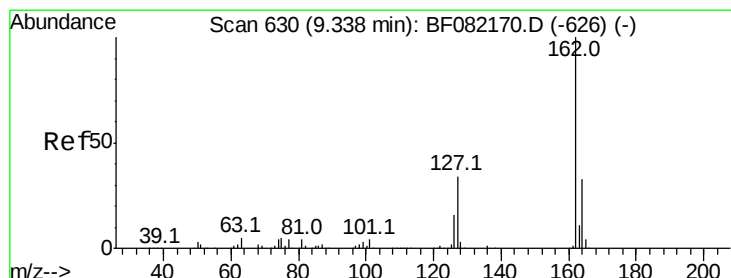
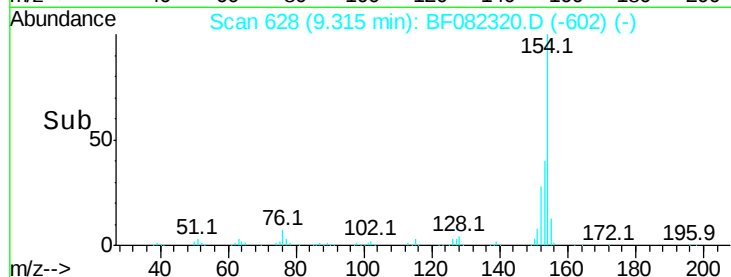
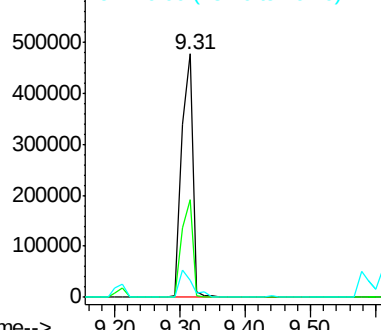
Tot Ion:	154	Resp:	583907
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.6	60.6
76	7.1	0.0	35.2

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



#46

2-Chloronaphthalene

Concen: 38.37 ng

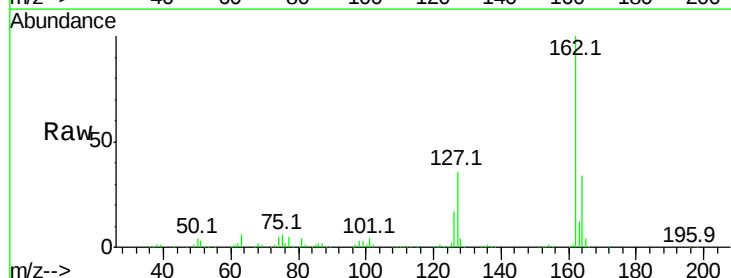
RT: 9.34 min Scan# 630

Delta R.T. 0.00 min

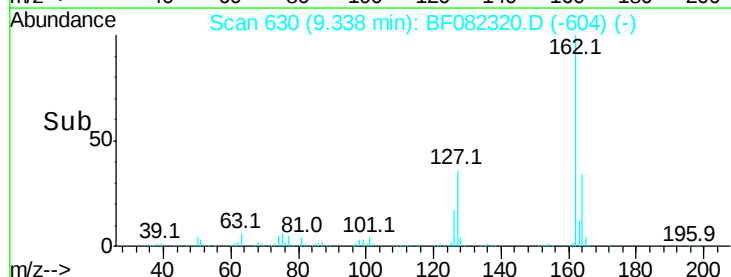
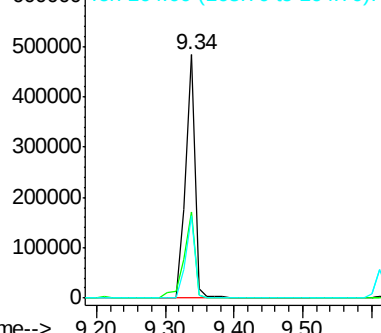
Lab File: BF082320.D

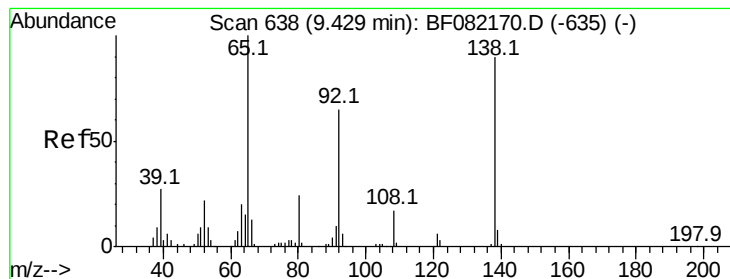
Acq: 16 Oct 2015 11:49

Tgt Ion:	162	Resp:	477549
Ion Ratio	Lower	Upper	
162	100		
127	35.6	27.5	41.3
164	33.9	26.6	39.8



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





#47

2-Nitroaniline

Concen: 44.75 ng

RT: 9.44 min Scan# 639

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 65 Resp: 152907

Ion Ratio Lower Upper

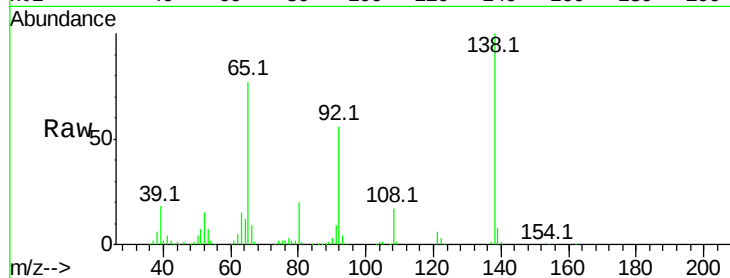
65 100

92 72.6 52.3 78.5

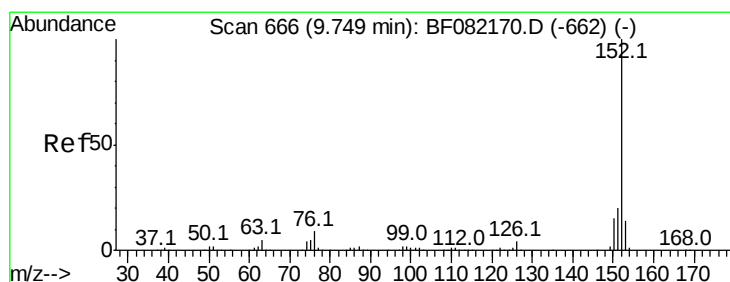
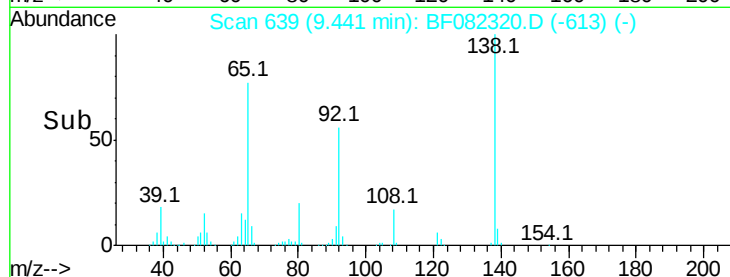
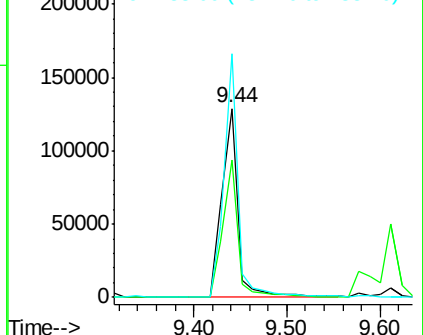
138 129.1 72.2 108.4#

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Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 38.75 ng

RT: 9.75 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

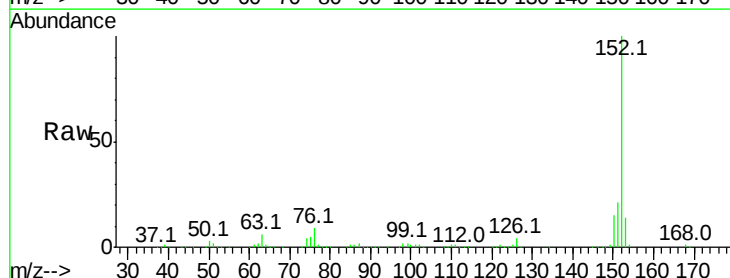
Tgt Ion: 152 Resp: 751293

Ion Ratio Lower Upper

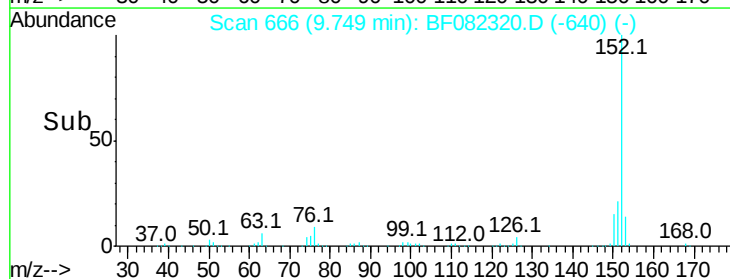
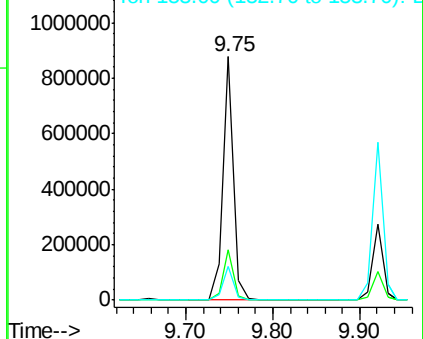
152 100

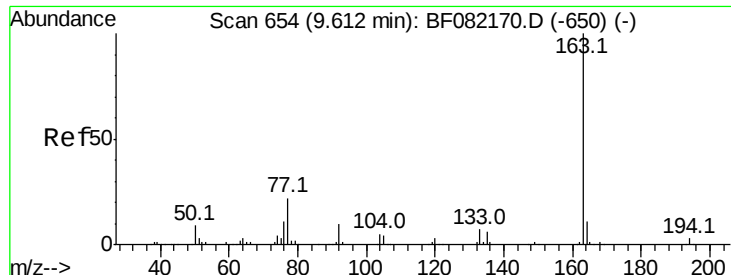
151 20.8 16.4 24.6

153 13.8 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





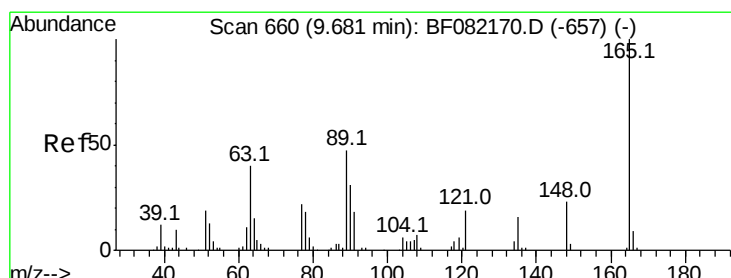
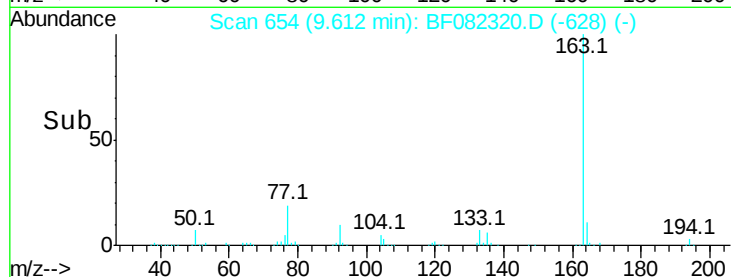
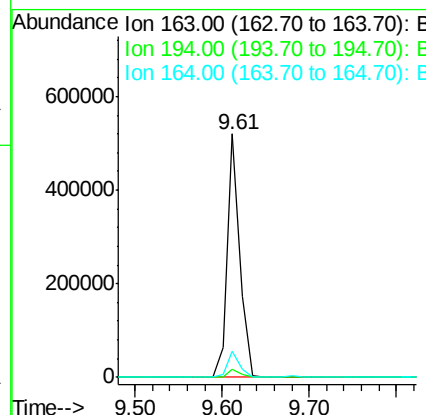
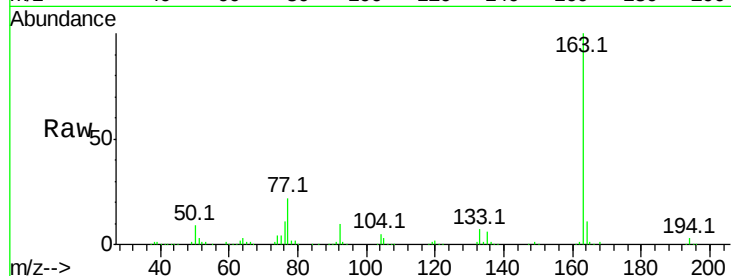
#49
Dimethylphthalate
Concen: 36.00 ng
RT: 9.61 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.7	8.5	12.7	

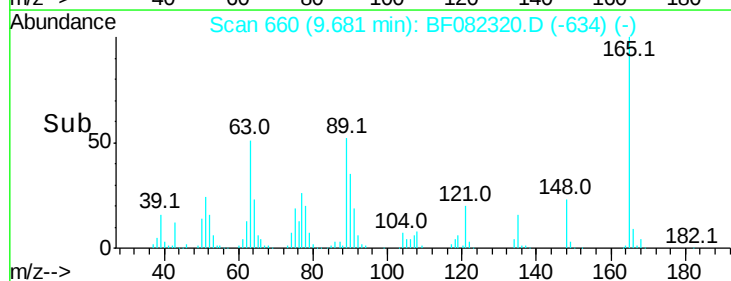
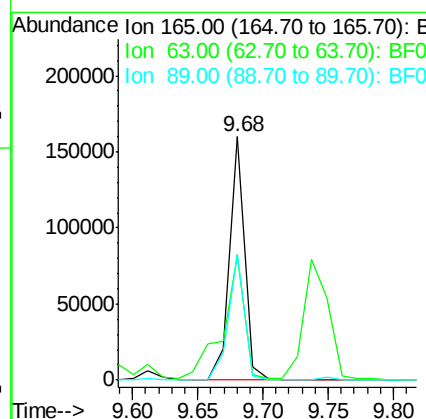
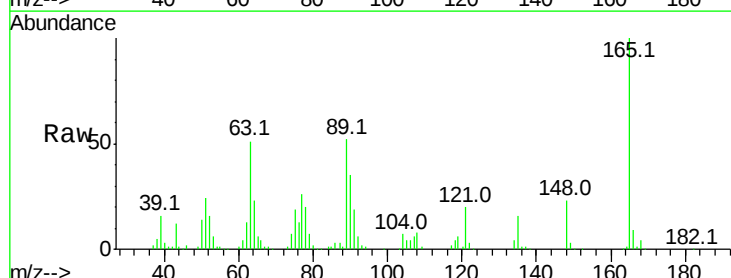
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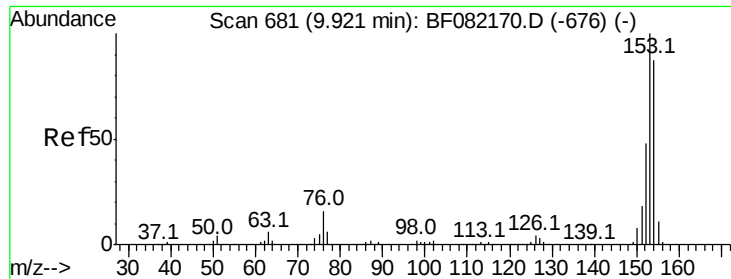
MMdadoda
10/19/2015 5:32:02 PM



#50
2,6-Dinitrotoluene
Concen: 42.63 ng
RT: 9.68 min Scan# 660
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	51.3	36.7	55.1	
89	51.6	37.8	56.6	





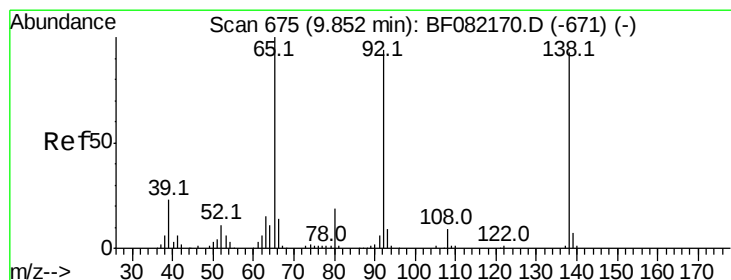
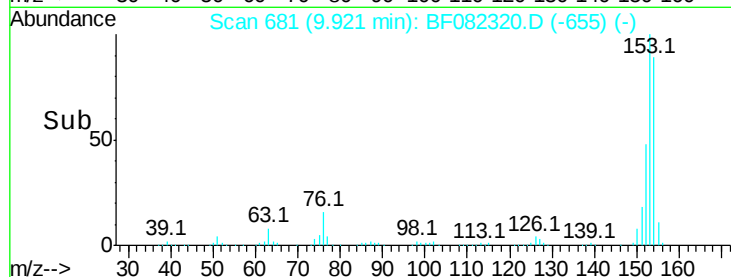
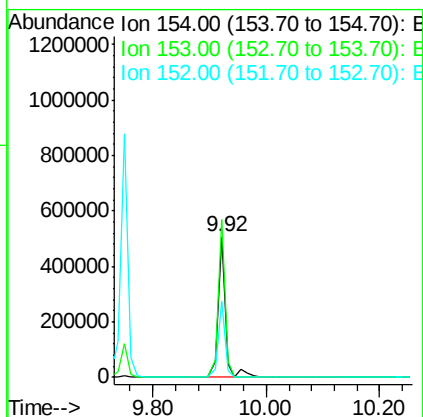
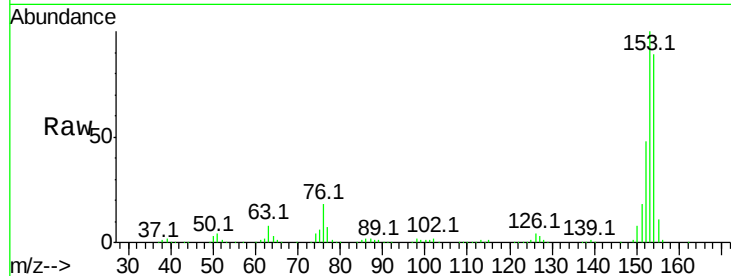
#51
Acenaphthene
Concen: 39.93 ng
RT: 9.92 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.4	137.2
152	54.0	44.3	66.5

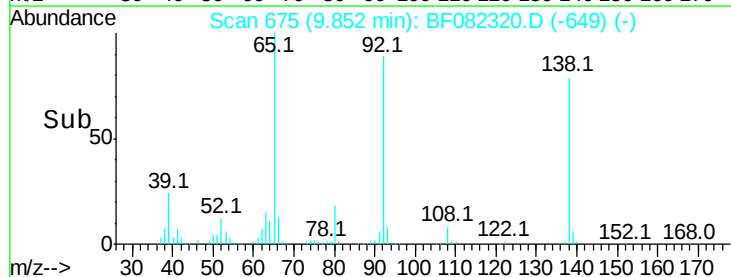
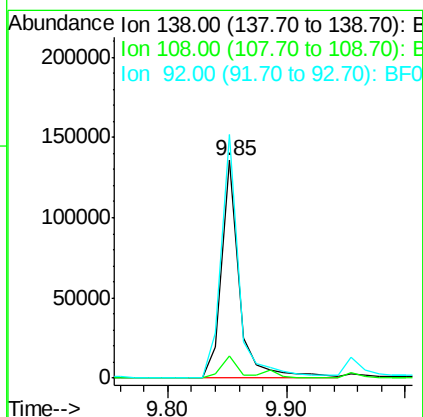
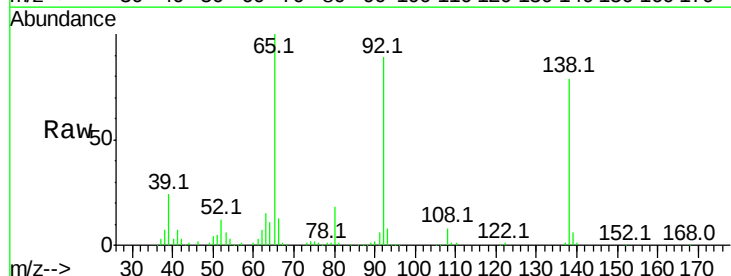
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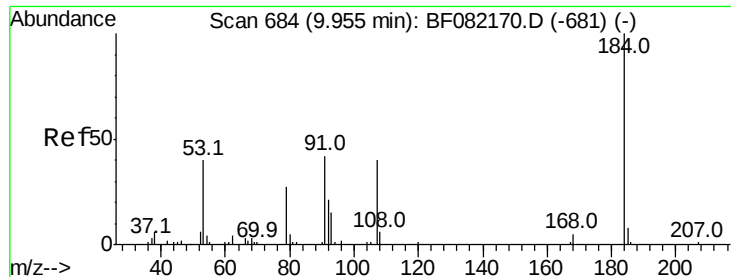
MMdadoda
10/19/2015 5:32:02 PM



#52
3-Nitroaniline
Concen: 40.45 ng
RT: 9.85 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.4	11.0
92	111.9	81.3	121.9





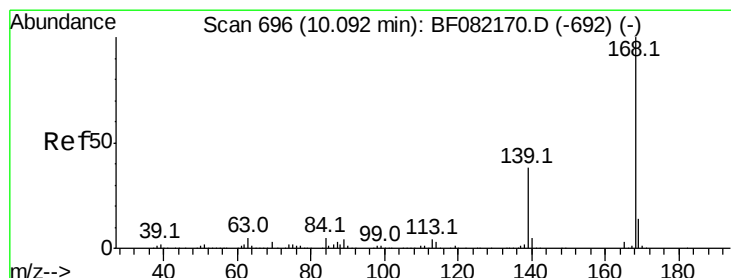
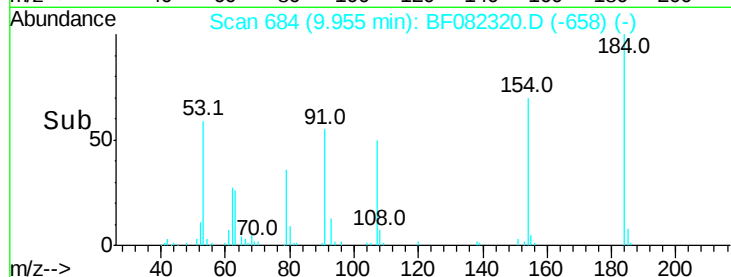
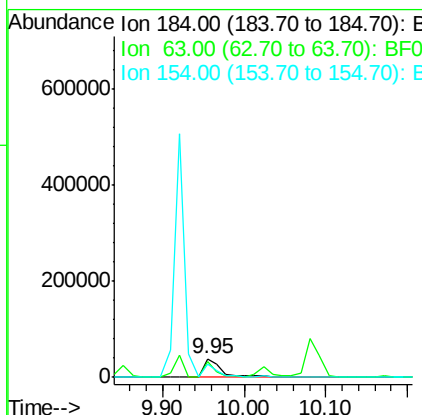
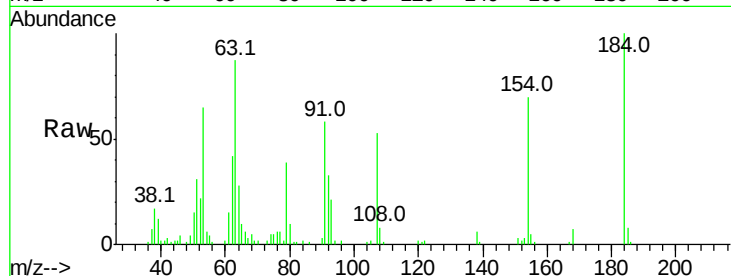
#53
2,4-Dinitrophenol
Concen: 40.73 ng
RT: 9.95 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	86.6	45.1	67.7#
154	69.5	51.2	76.8

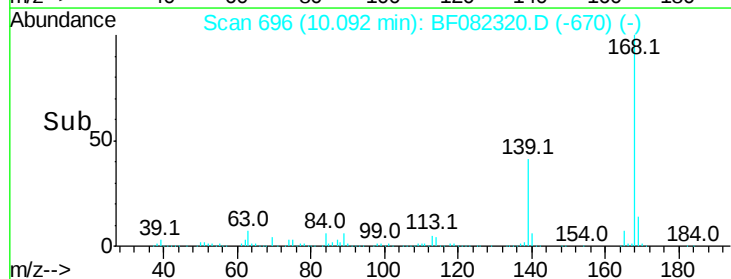
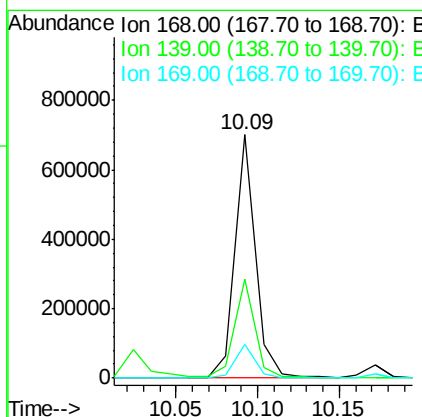
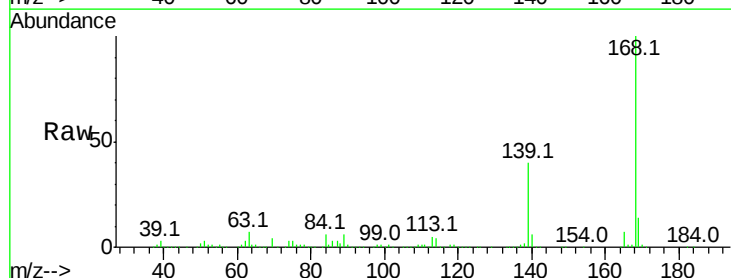
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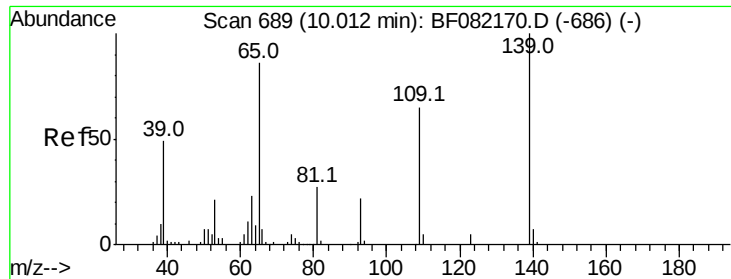
MMdadoda
10/19/2015 5:32:02 PM



#54
Dibenzofuran
Concen: 38.15 ng
RT: 10.09 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.0	46.6
169	13.8	10.9	16.3





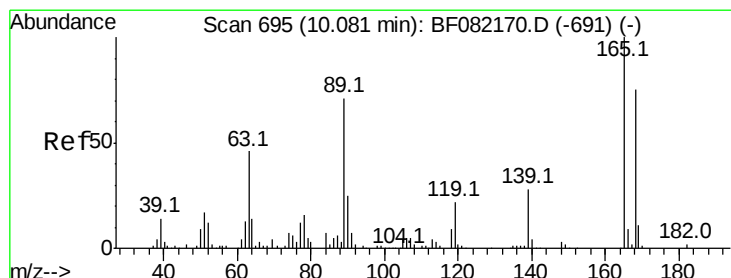
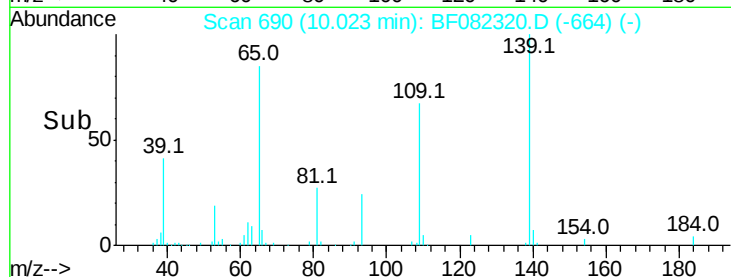
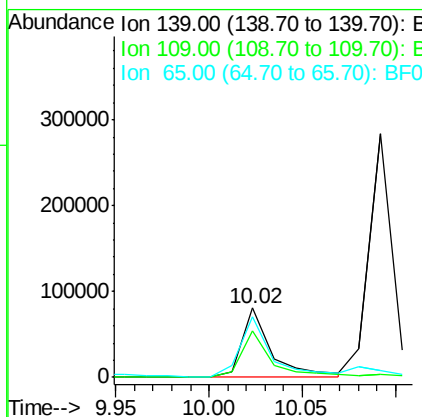
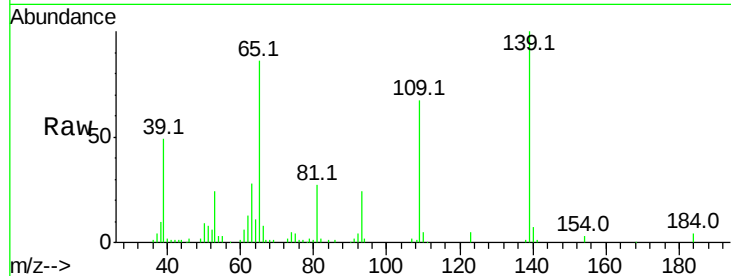
#55
4-Nitrophenol
Concen: 44.90 ng
RT: 10.02 min Scan# 690
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	66.8	44.8	84.8	
65	86.5	67.7	107.7	

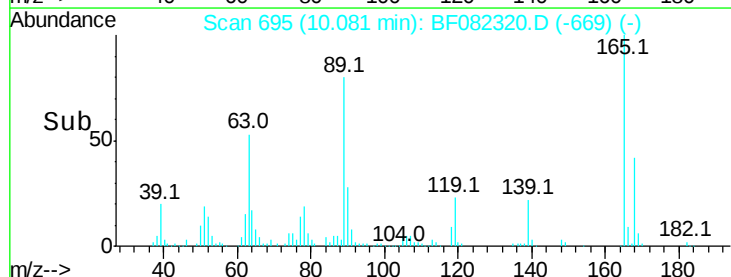
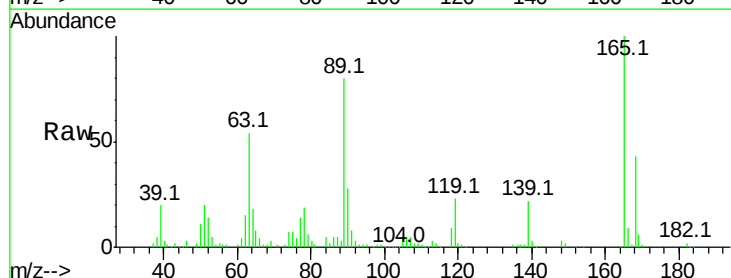
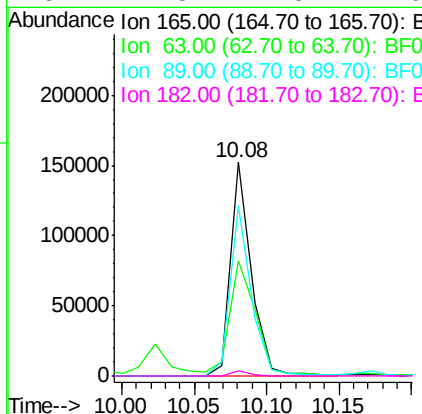
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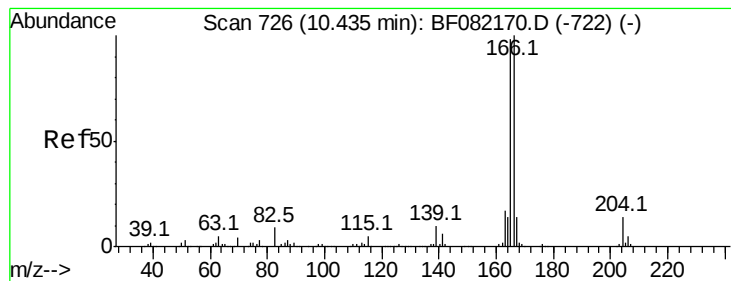
MMdadoda
10/19/2015 5:32:02 PM



#56
2,4-Dinitrotoluene
Concen: 39.71 ng
RT: 10.08 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	53.8	38.6	58.0	
89	79.6	57.0	85.6	
182	2.3	1.8	2.6	





#57

Fluorene

Concen: 38.55 ng

RT: 10.43 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

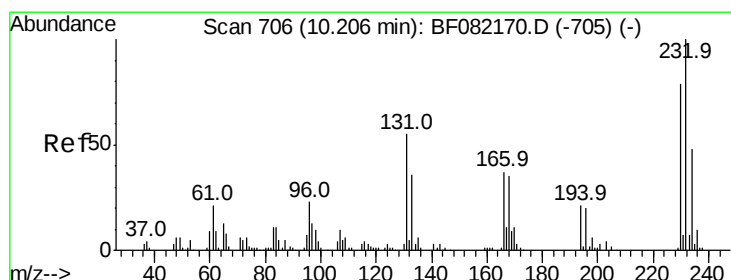
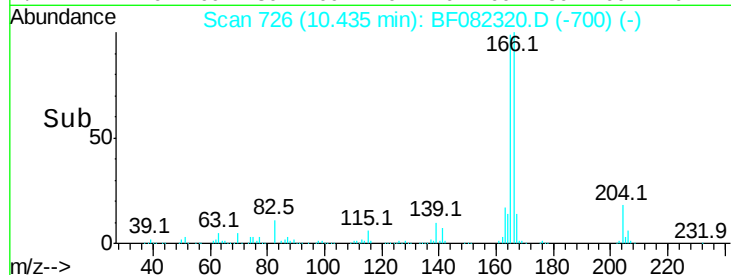
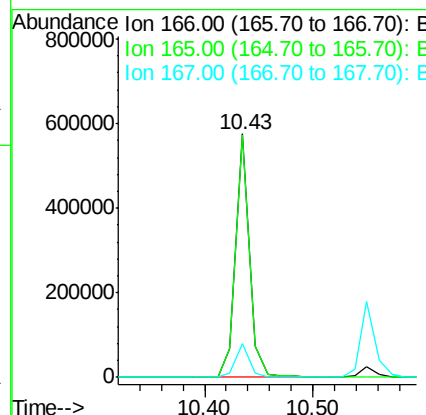
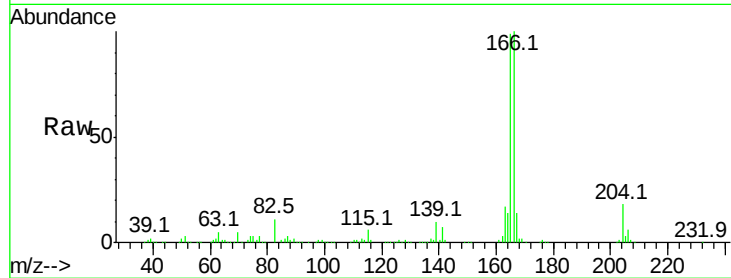
ClientSampleId :

SSTDCCC040

Tot Ion:	166	Resp:	505971
Ion Ratio	Lower	Upper	
166	100		
165	99.5	78.3	117.5
167	13.7	10.8	16.2

Manual Integrations
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MMdadoda
10/19/2015 5:32:02 PM



#58

2,3,4,6-Tetrachlorophenol

Concen: 41.35 ng

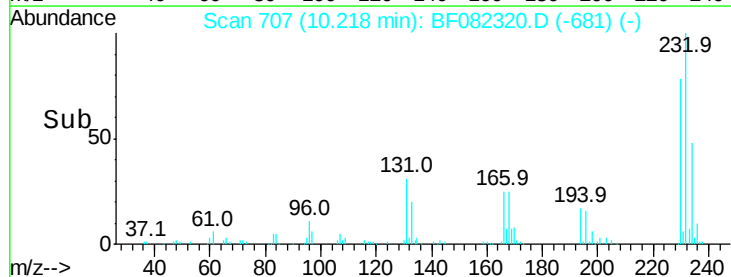
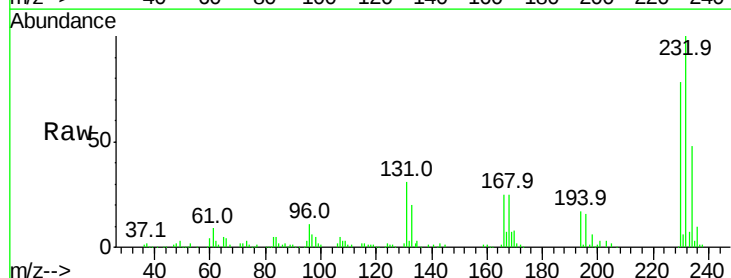
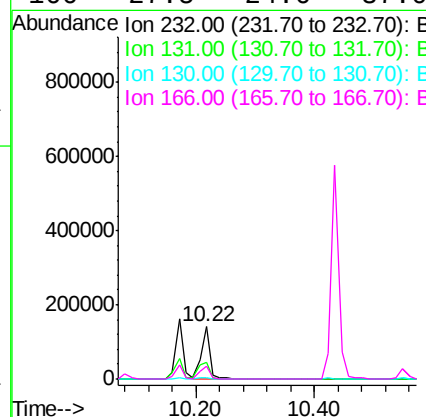
RT: 10.22 min Scan# 707

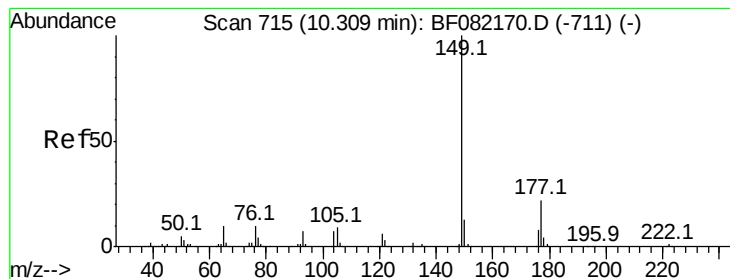
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	232	Resp:	149905
Ion Ratio	Lower	Upper	
232	100		
131	40.1	36.6	54.8
130	1.9	1.5	2.3
166	27.5	24.6	37.0





#59

Diethylphthalate

Concen: 37.07 ng

RT: 10.31 min Scan# 715

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

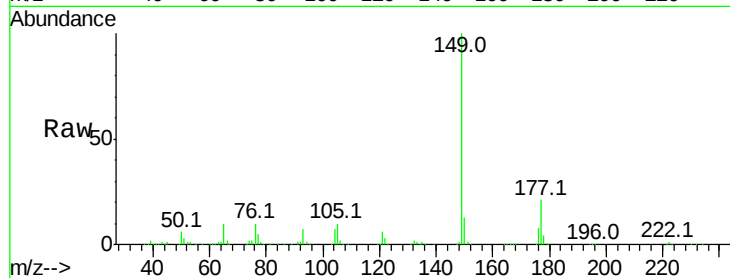
ClientSampleId :

SSTDCCC040

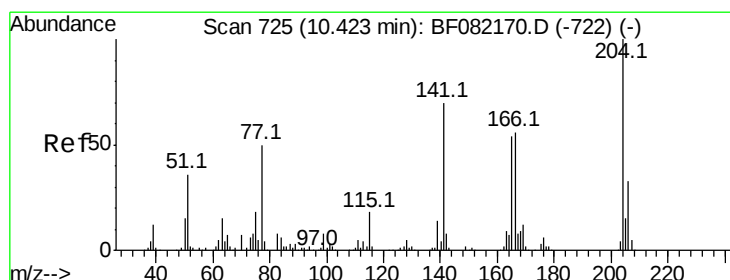
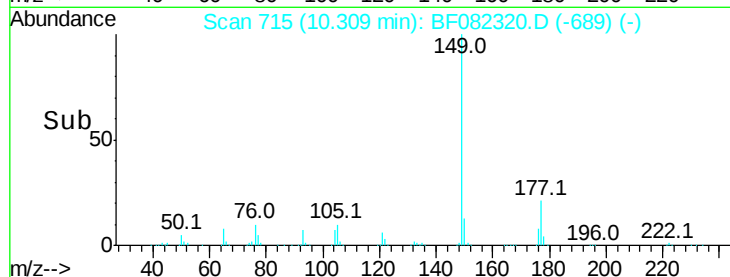
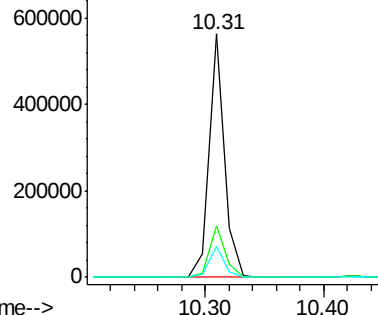
Tot Ion:	149	Resp:	504476
Ion Ratio	Lower	Upper	
149	100		
177	21.1	17.6	26.4
150	13.0	10.3	15.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 37.90 ng

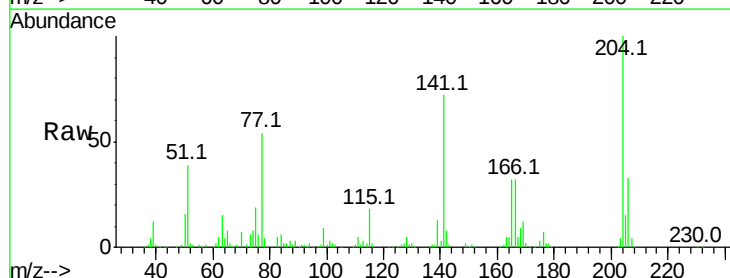
RT: 10.42 min Scan# 725

Delta R.T. 0.00 min

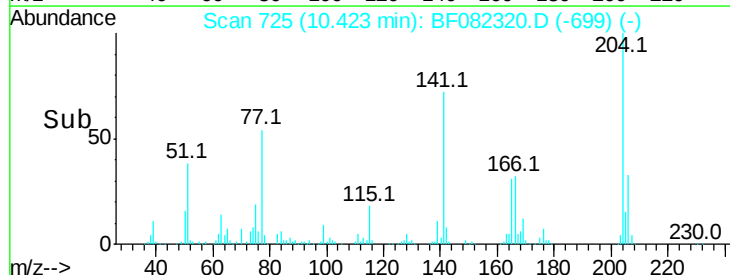
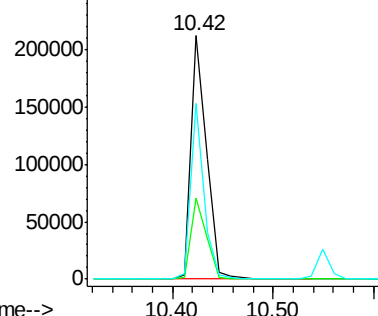
Lab File: BF082320.D

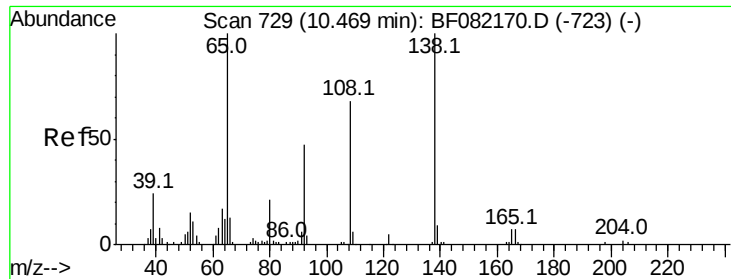
Acq: 16 Oct 2015 11:49

Tgt Ion:	204	Resp:	227881
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.8	40.2
141	72.3	56.1	84.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.13 ng

RT: 10.47 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:138 Resp: 148939

Ion Ratio Lower Upper

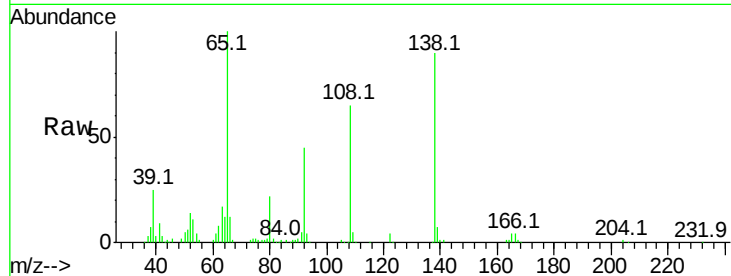
138 100

92 49.9 26.8 66.8

108 72.0 48.4 88.4

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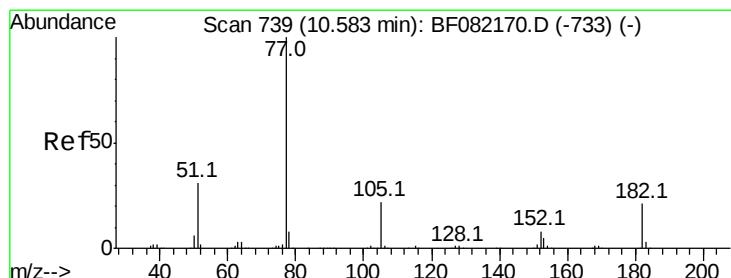
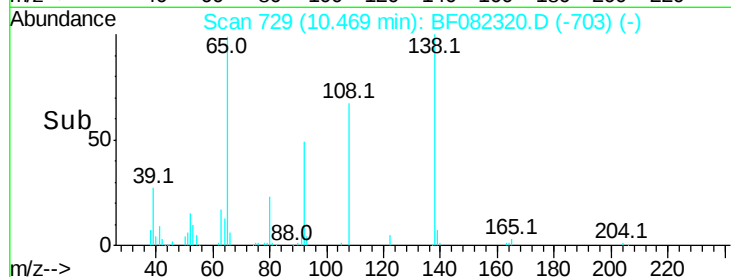
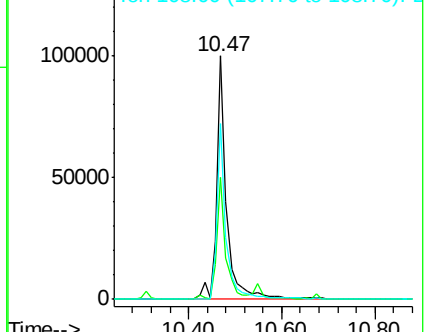
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Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.91 ng

RT: 10.58 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion: 77 Resp: 491556

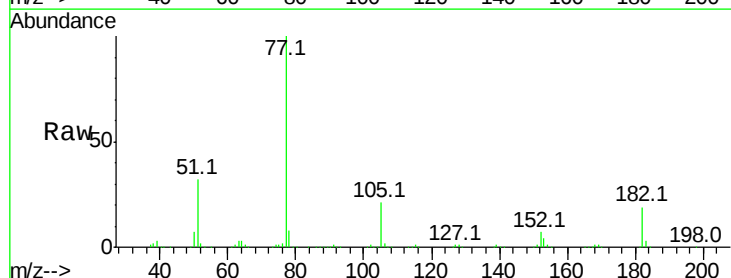
Ion Ratio Lower Upper

77 100

182 18.6 0.5 40.5

105 21.2 1.8 41.8

51 31.7 11.2 51.2

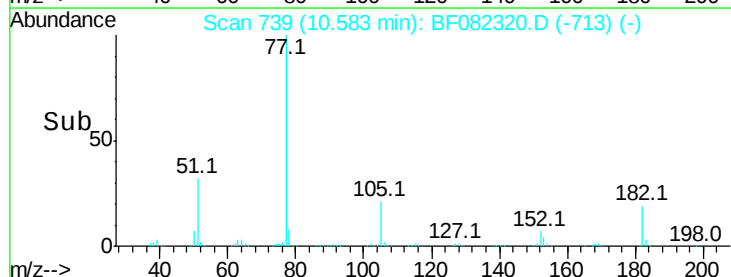
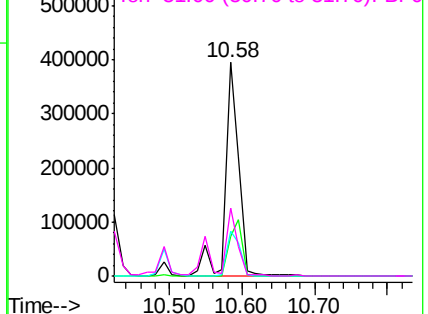


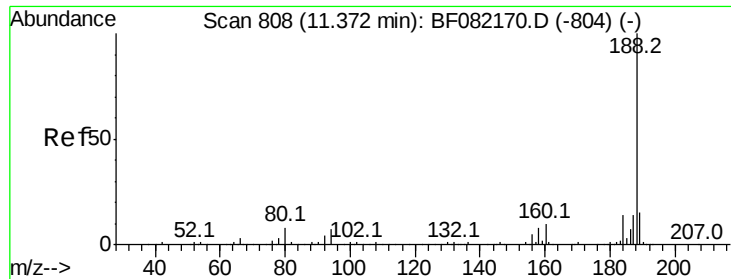
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

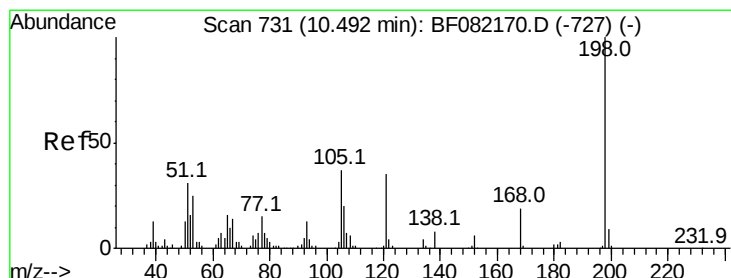
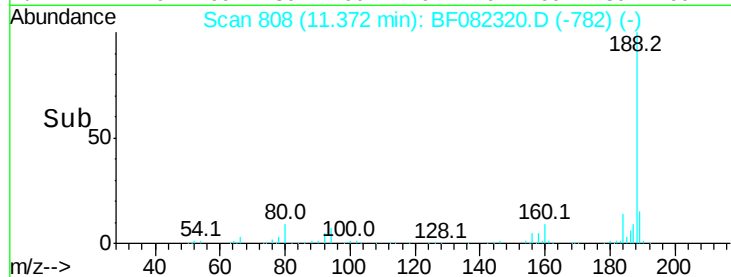
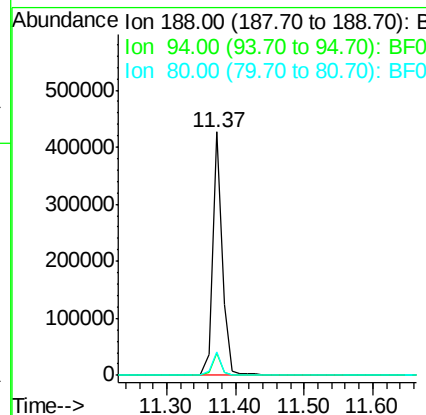
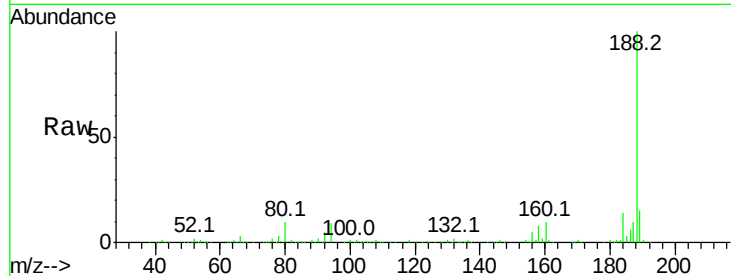
ClientSampleId :

SSTDCCC040

Tot Ion:188	Resp:	418554
Ion Ratio	Lower	Upper
188 100		
94 8.9	5.8	8.6#
80 9.6	6.4	9.6

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#64

4,6-Dinitro-2-methylphenol

Concen: 39.47 ng

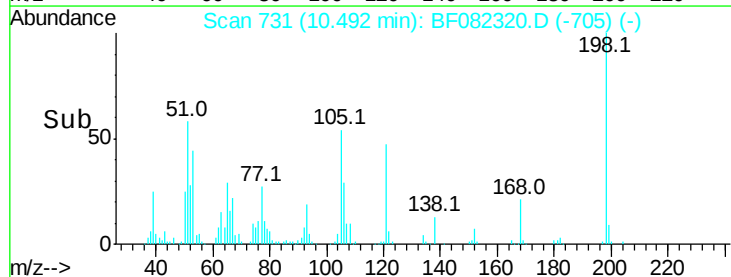
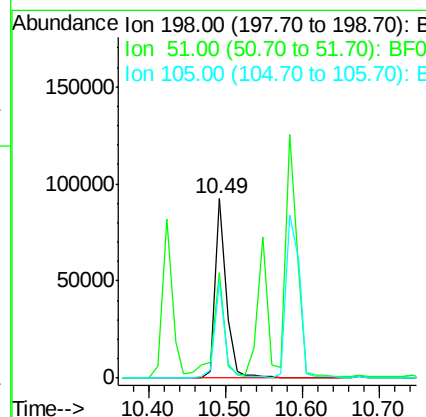
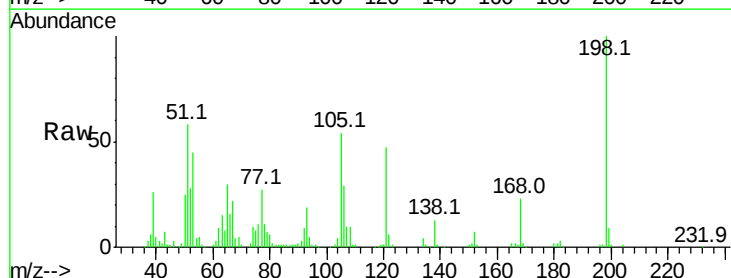
RT: 10.49 min Scan# 731

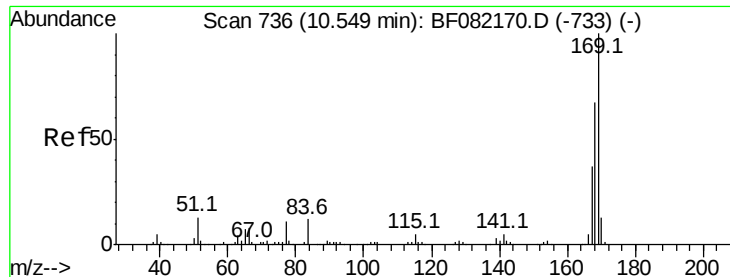
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:198	Resp:	92709
Ion Ratio	Lower	Upper
198 100		
51 58.4	13.6	53.6#
105 53.7	17.1	57.1





#65

n-Nitrosodiphenylamine

Concen: 35.72 ng

RT: 10.55 min Scan# 736

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

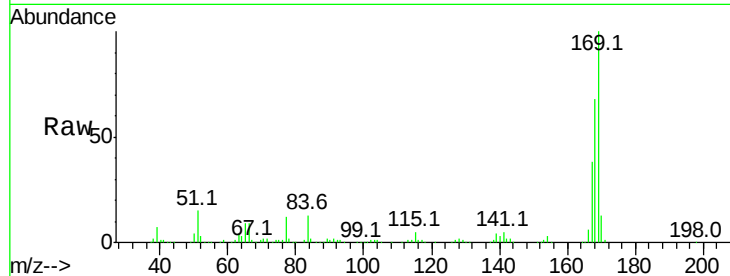
ClientSampleId :

SSTDCCC040

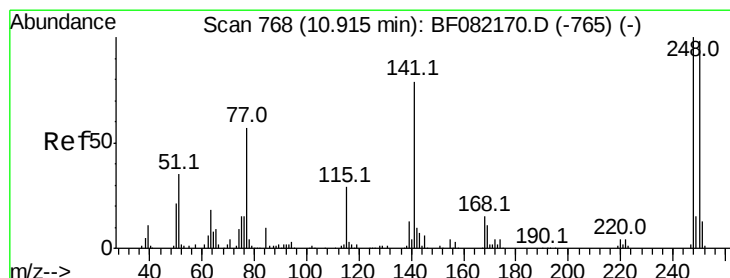
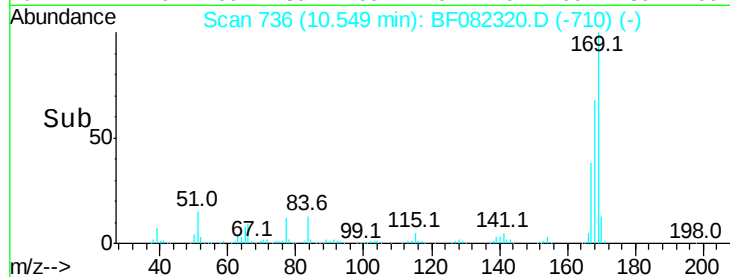
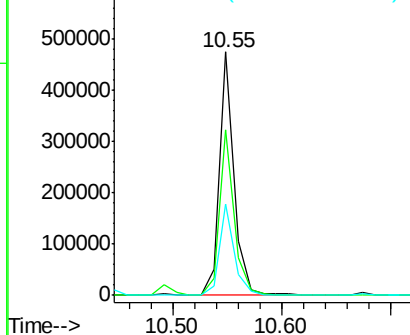
Tot Ion:	169	Resp:	447586
Ion Ratio	Lower	Upper	
169	100		
168	67.9	54.0	81.0
167	37.7	29.6	44.4

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



#66

4-Bromophenyl-phenylether

Concen: 35.65 ng

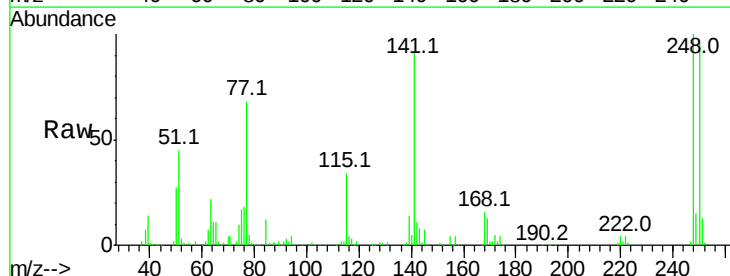
RT: 10.91 min Scan# 768

Delta R.T. 0.00 min

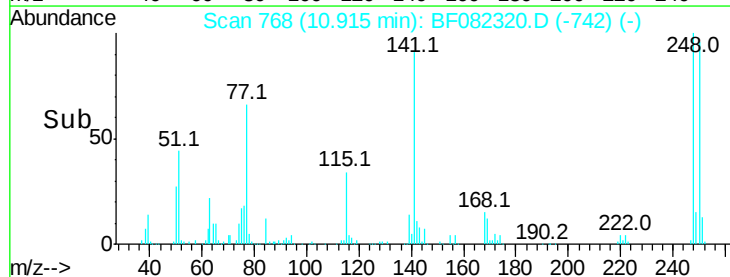
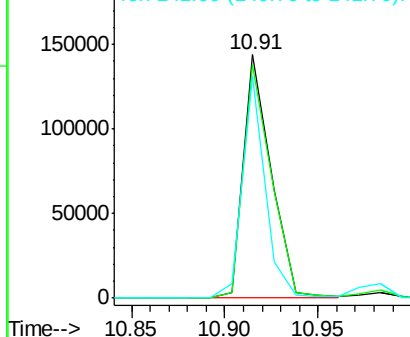
Lab File: BF082320.D

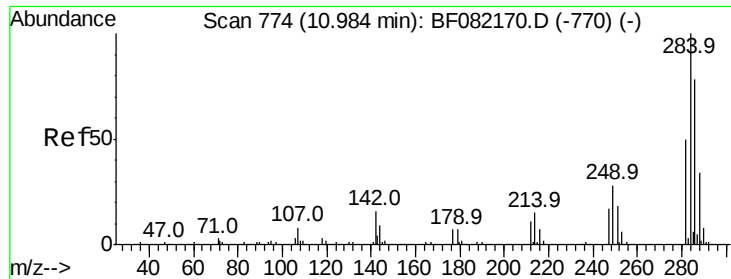
Acq: 16 Oct 2015 11:49

Tgt Ion:	248	Resp:	149319
Ion Ratio	Lower	Upper	
248	100		
250	96.0	78.6	117.8
141	90.9	63.3	94.9



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





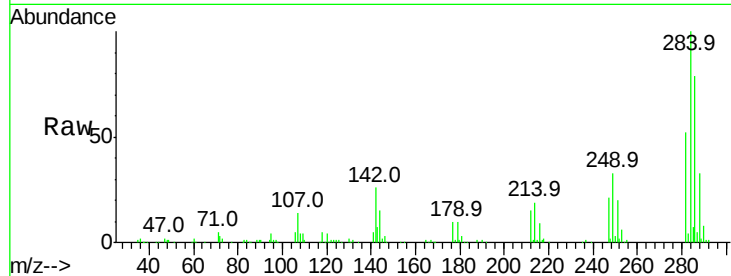
#67
Hexachlorobenzene
Concen: 37.68 ng
RT: 10.98 min Scan# 774
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

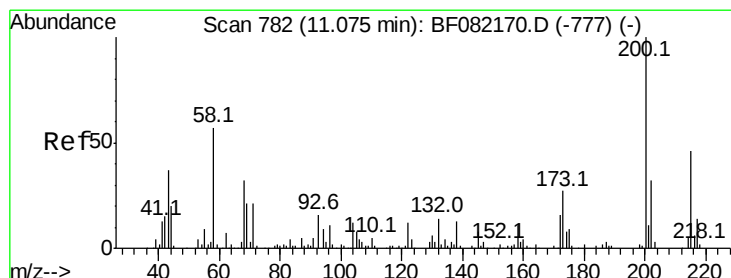
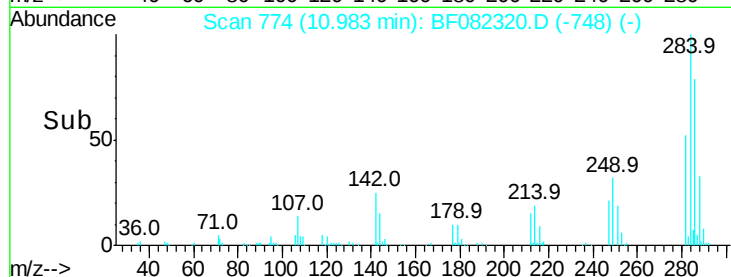
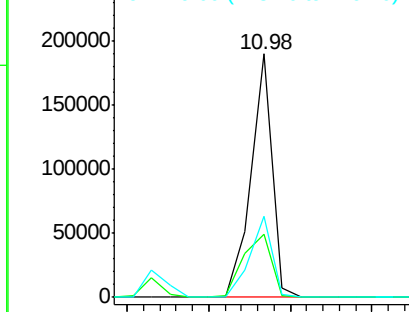
Tot Ion	Ratio	Resp	Lower	Upper
284	100	170720		
142	25.7	13.0	19.6#	
249	33.2	22.5	33.7	

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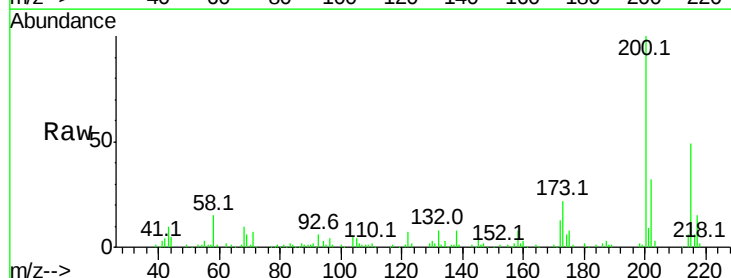


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

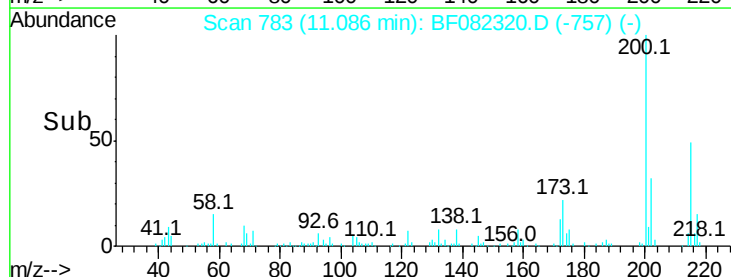
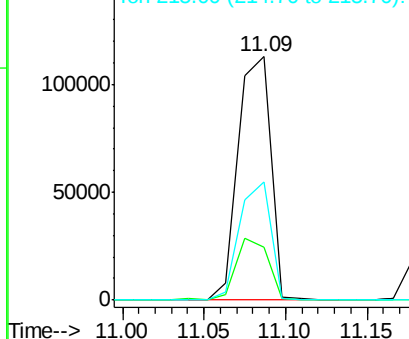


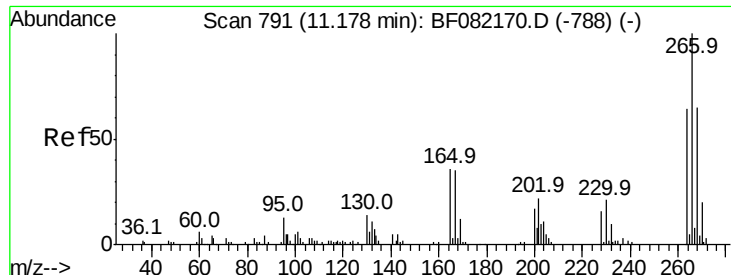
#68
Atrazine
Concen: 39.28 ng
RT: 11.09 min Scan# 783
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	155954		
173	21.8	7.3	47.3	
215	48.6	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





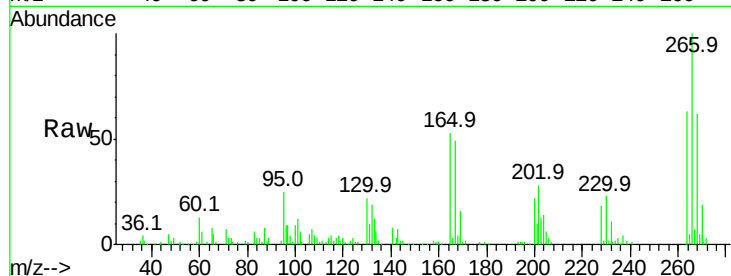
#69
 Pentachlorophenol
 Concen: 41.04 ng
 RT: 11.18 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

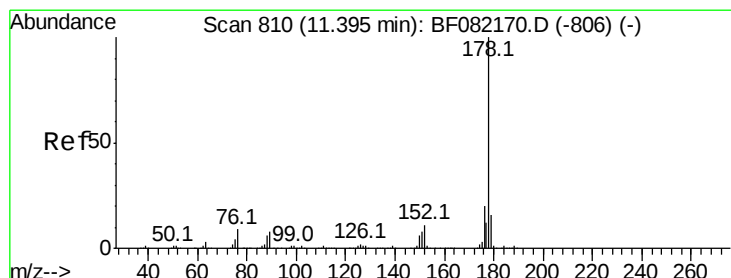
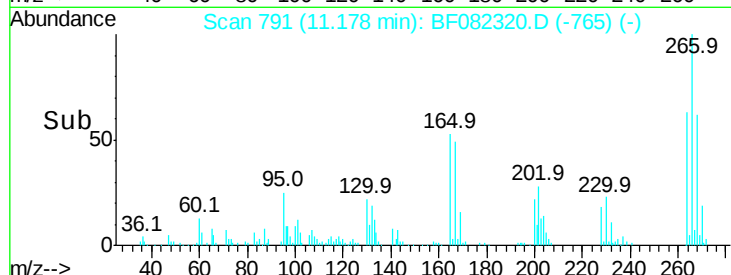
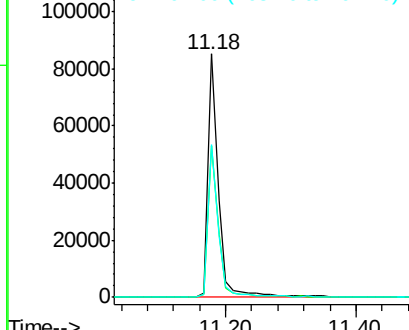
Tot Ion	Ratio	Resp	Lower	Upper
266	100	95672		
268	62.2	52.0	78.0	
264	62.9	51.4	77.0	

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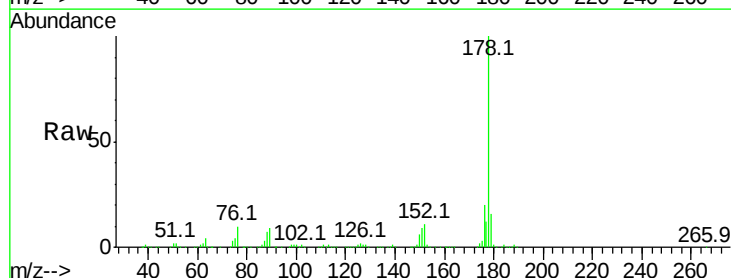


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

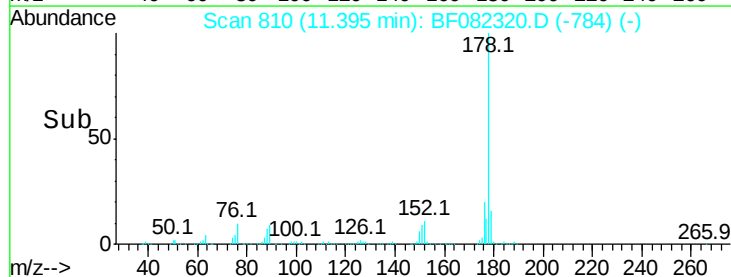
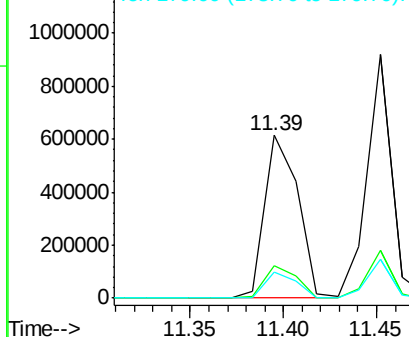


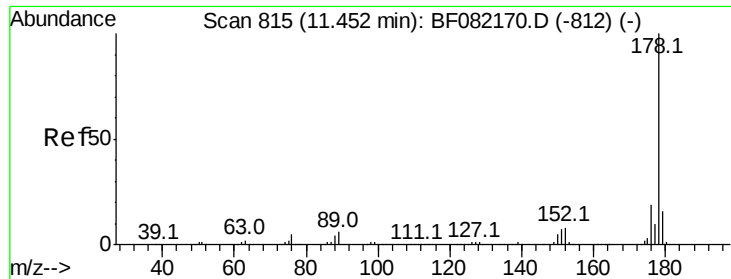
#70
 Phenanthrene
 Concen: 36.81 ng
 RT: 11.39 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	755248		
176	20.2	16.0	24.0	
179	16.0	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





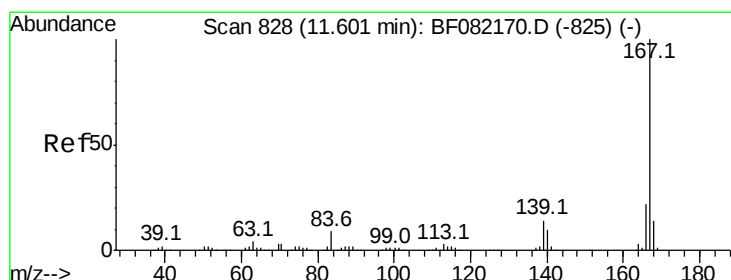
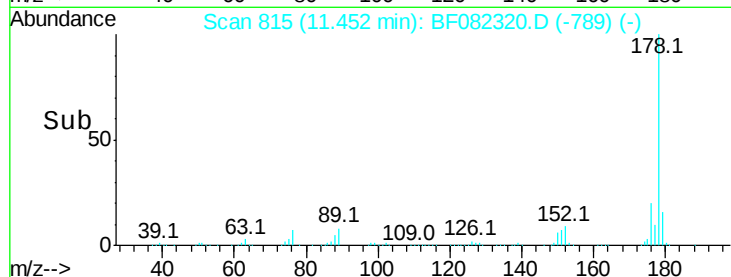
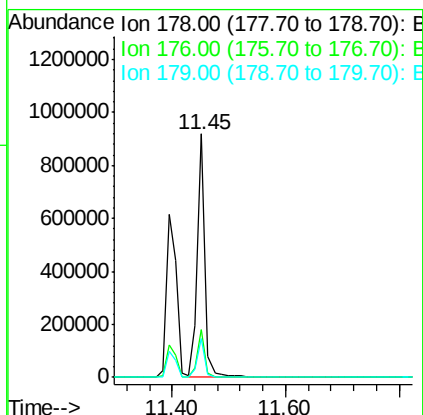
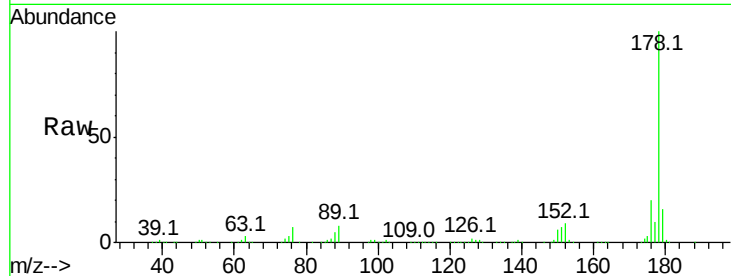
#71
 Anthracene
 Concen: 40.54 ng
 RT: 11.45 min Scan# 815
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.4	23.0
179	16.0	12.5	18.7

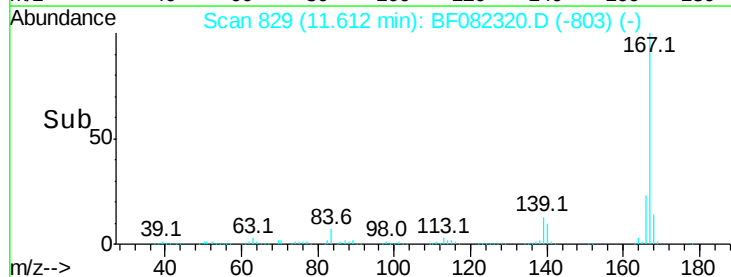
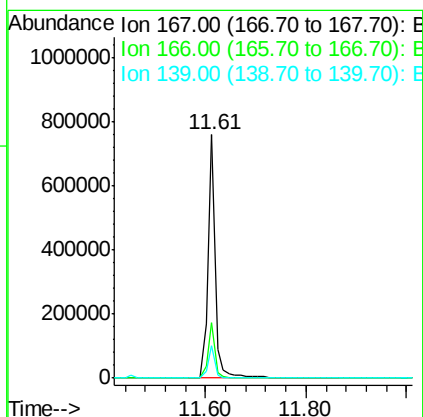
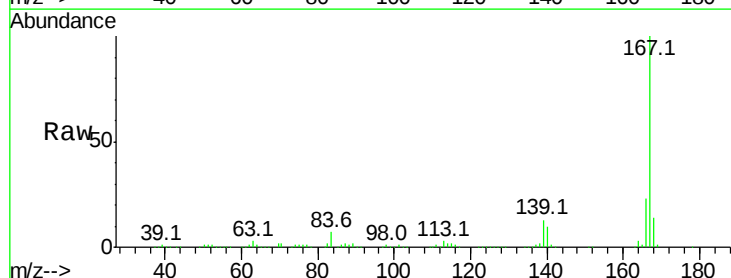
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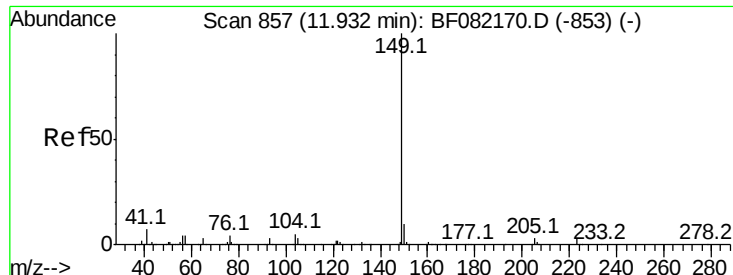
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#72
 Carbazole
 Concen: 39.78 ng
 RT: 11.61 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.3	25.9
139	13.4	11.2	16.8





#73

Di-n-butylphthalate

Concen: 35.76 ng

RT: 11.93 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

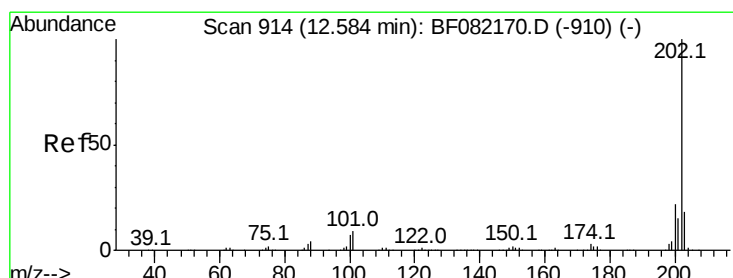
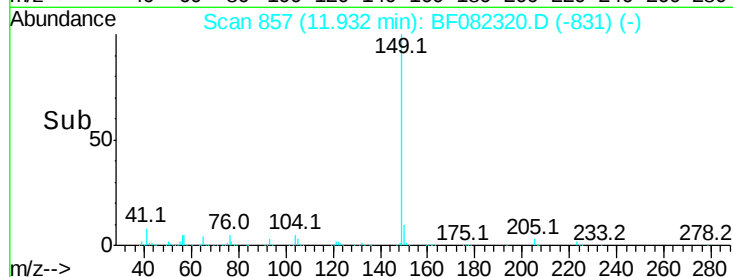
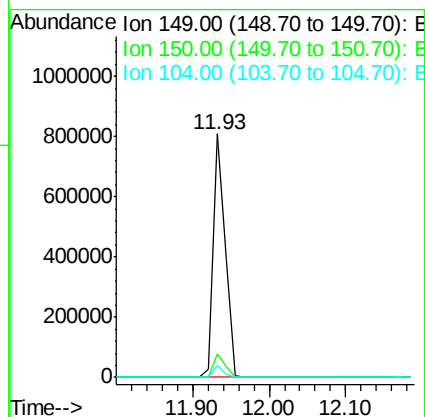
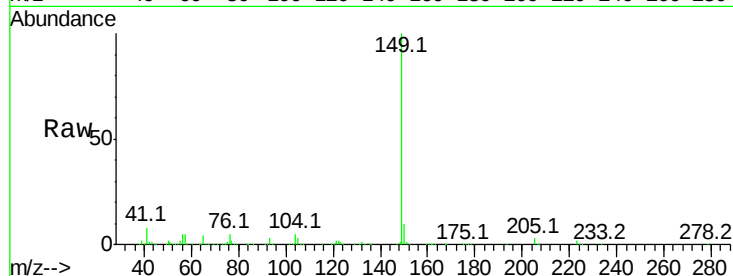
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	850880
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.8	11.6
104	5.0	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 40.44 ng

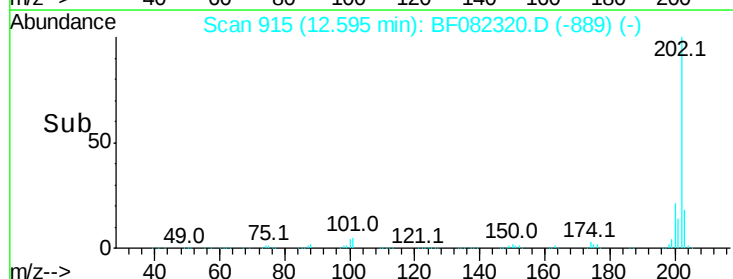
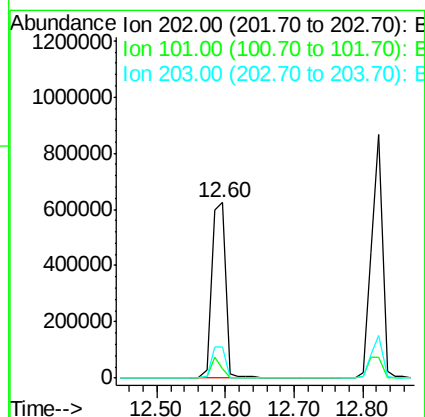
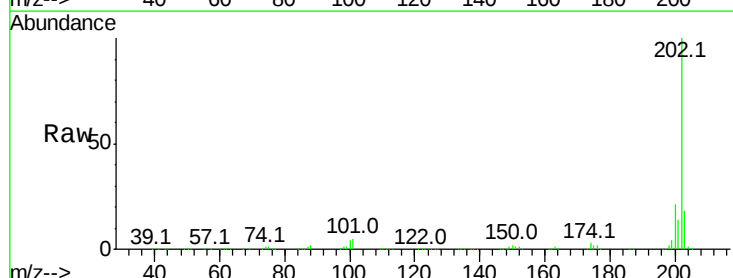
RT: 12.60 min Scan# 915

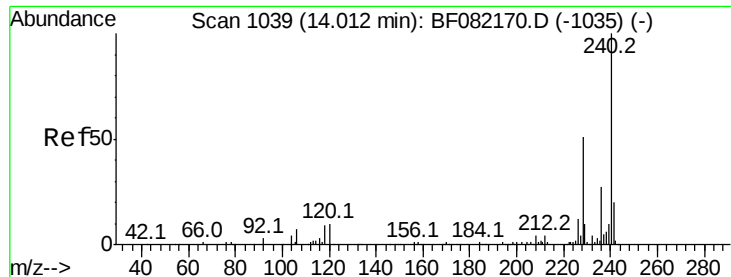
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion:	202	Resp:	891140
Ion Ratio	Lower	Upper	
202	100		
101	5.4	0.0	29.3
203	17.5	0.0	37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

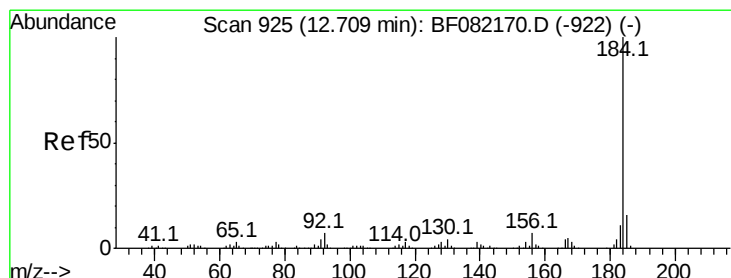
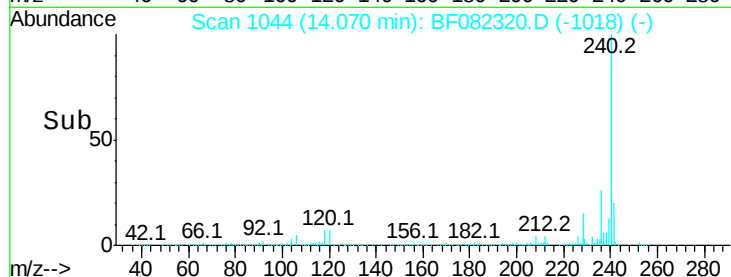
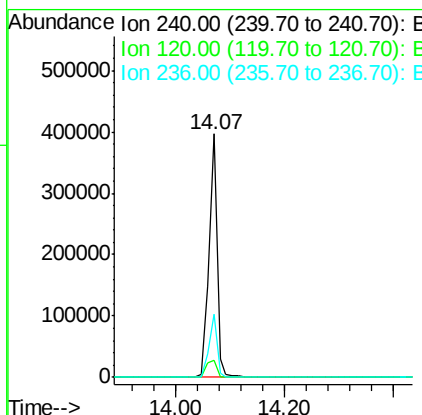
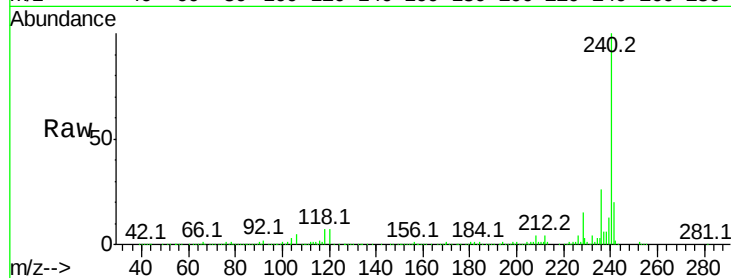
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.1	8.1	12.1#
236	26.0	21.3	31.9

Manual Integrations
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#76

Benzidine

Concen: 22.89 ng

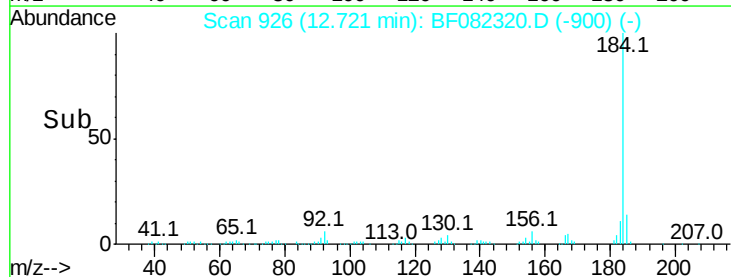
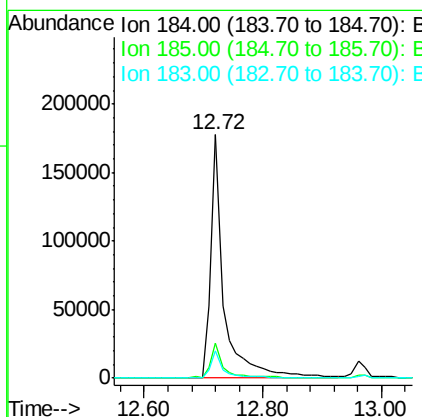
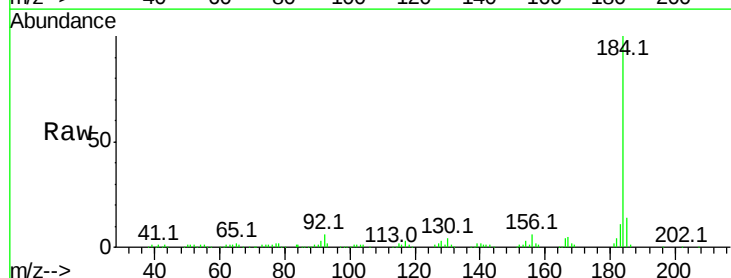
RT: 12.72 min Scan# 926

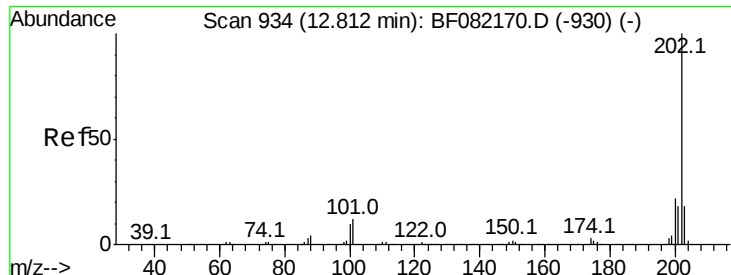
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.4	12.5	18.7
183	11.4	9.1	13.7





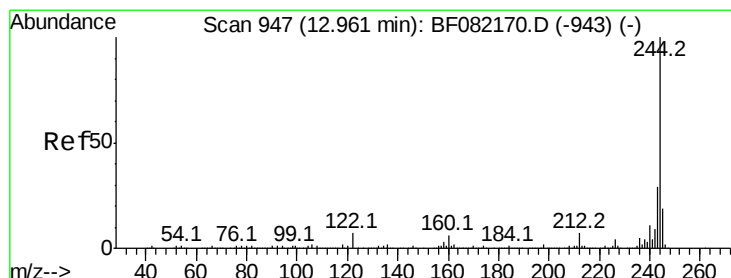
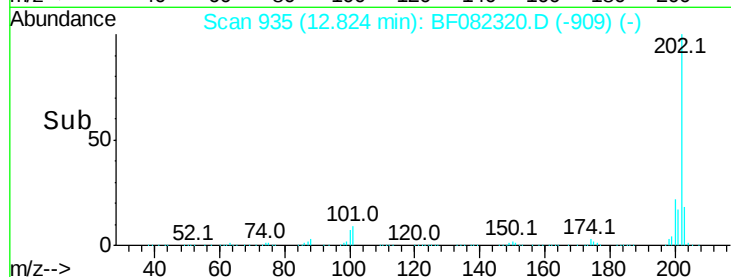
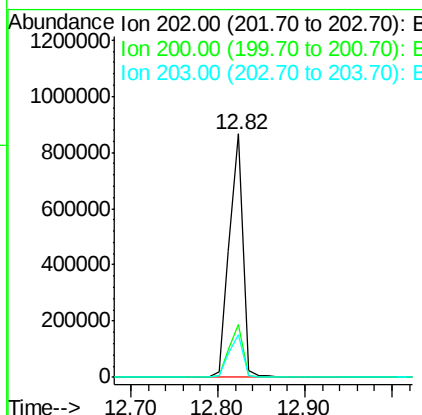
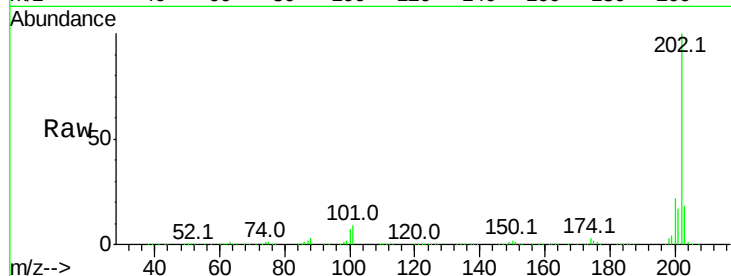
#77
 Pvrene
 Concen: 38.62 ng
 RT: 12.82 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.6	17.9	26.9
203	17.7	14.5	21.7

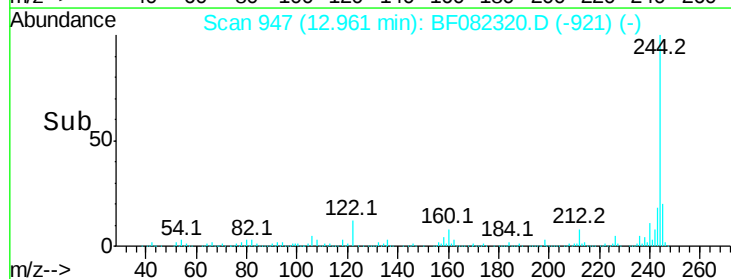
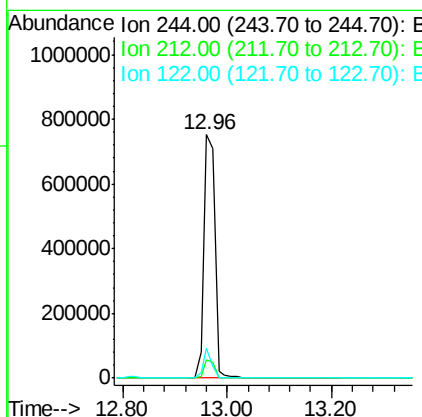
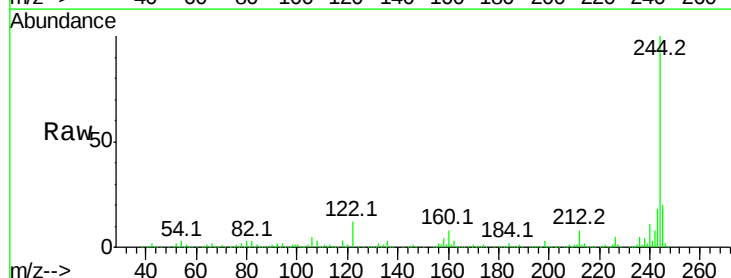
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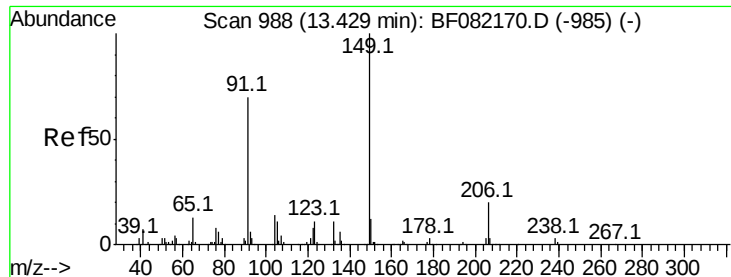
MMdadoda
 10/19/2015 5:32:02 PM



#78
 Terphenyl-d14
 Concen: 70.81 ng
 RT: 12.96 min Scan# 947
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.7	5.8	8.6
122	12.5	5.9	8.9#





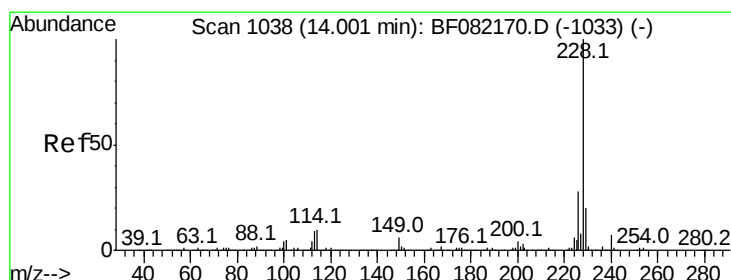
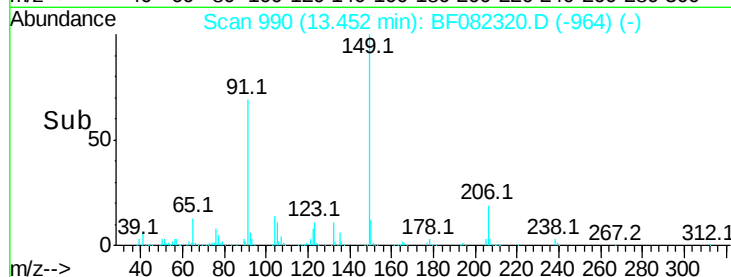
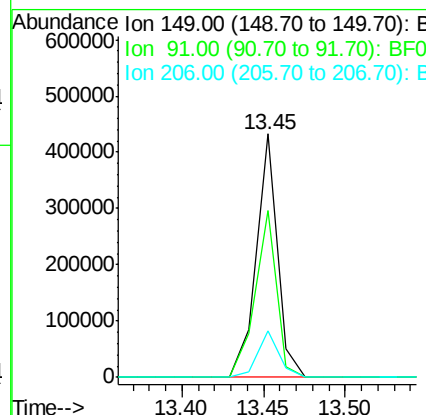
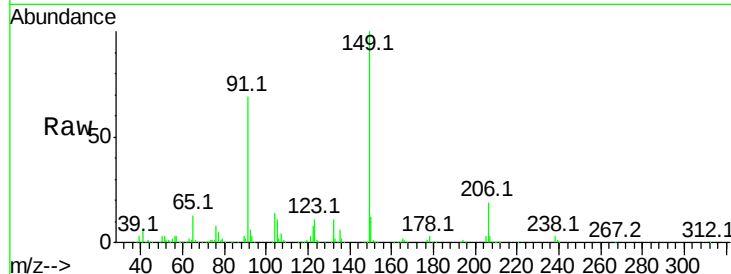
#79
Butylbenzylphthalate
Concen: 35.19 ng
RT: 13.45 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	391443		
91	68.7	55.7	83.5	
206	19.1	15.6	23.4	

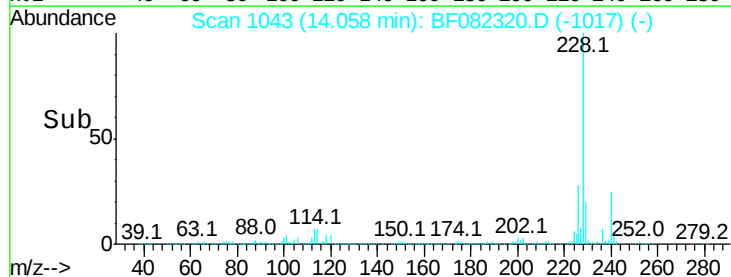
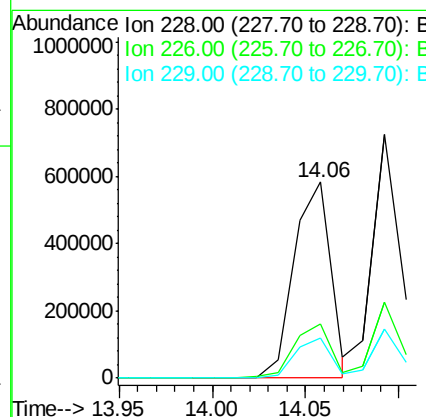
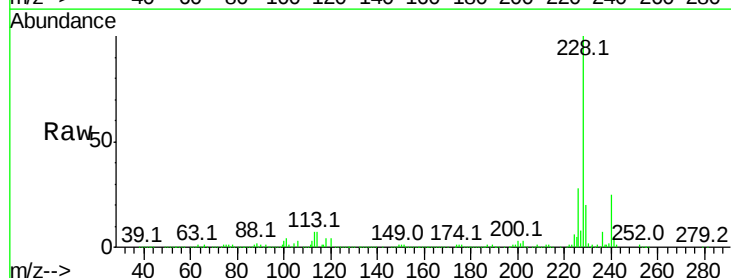
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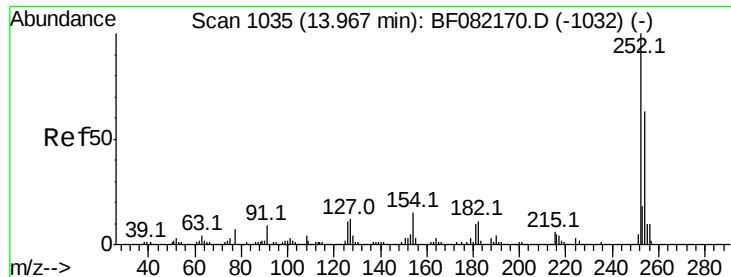
MMdadoda
10/19/2015 5:32:02 PM



#80
Benzo(a)anthracene
Concen: 37.61 ng
RT: 14.06 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	803676		
226	27.7	22.3	33.5	
229	20.4	16.2	24.2	





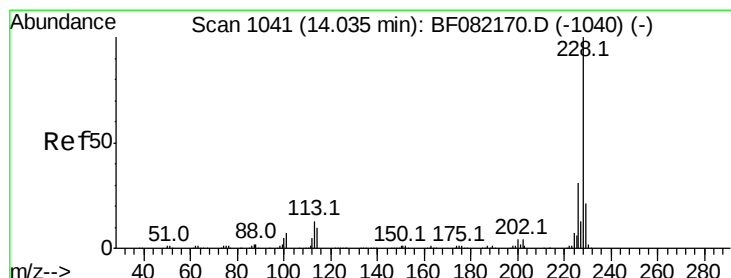
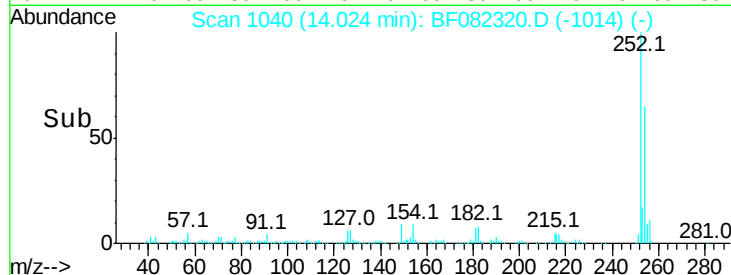
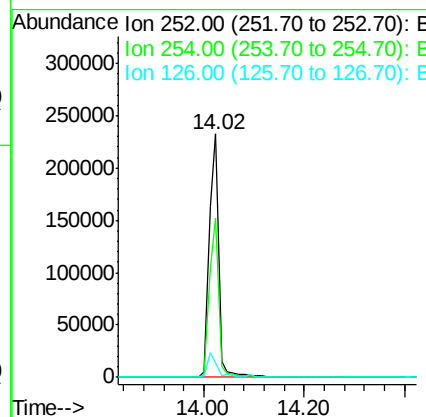
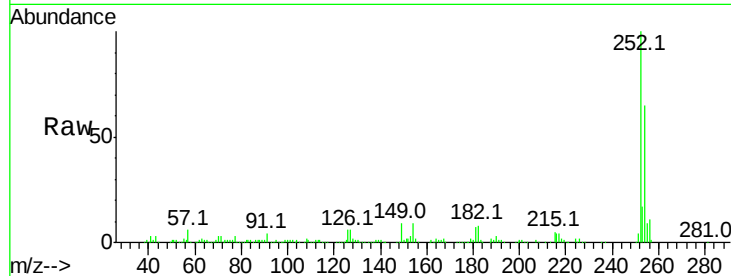
#81
 3,3'-Dichlorobenzidine
 Concen: 37.47 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	303929		
254	65.2		50.7	76.1
126	5.9		9.0	13.6

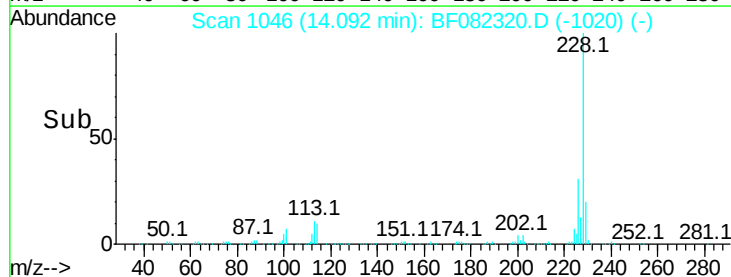
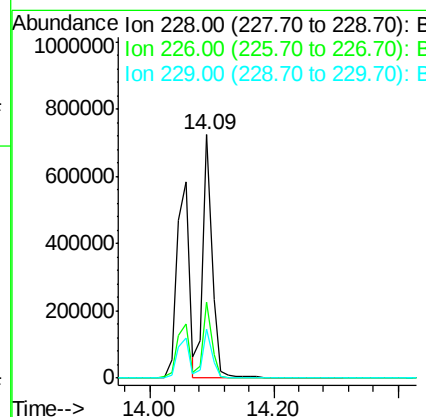
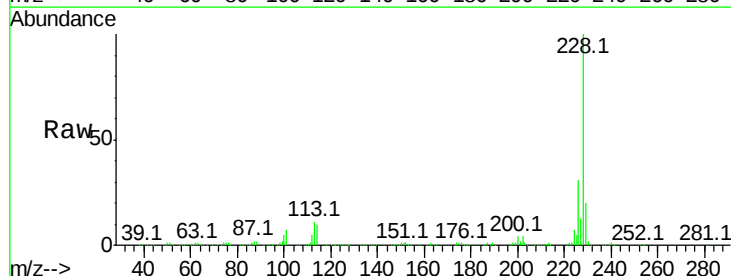
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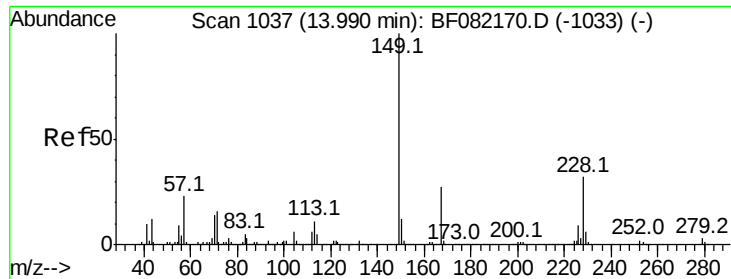
MMdadoda
 10/19/2015 5:32:02 PM



#82
 Chrysene
 Concen: 34.34 ng
 RT: 14.09 min Scan# 1046
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	773238		
226	31.0		24.4	36.6
229	20.1		16.3	24.5





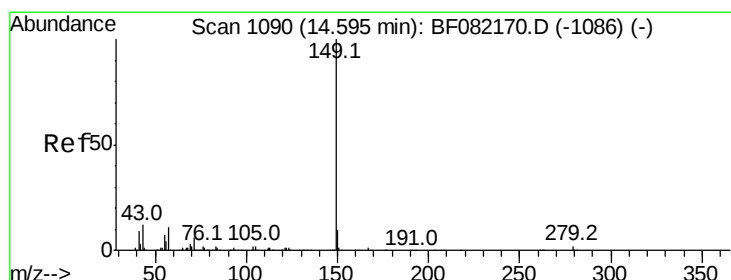
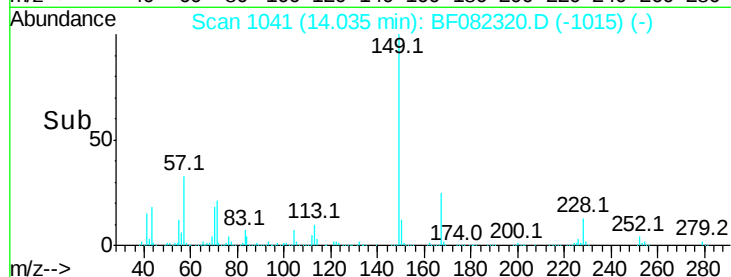
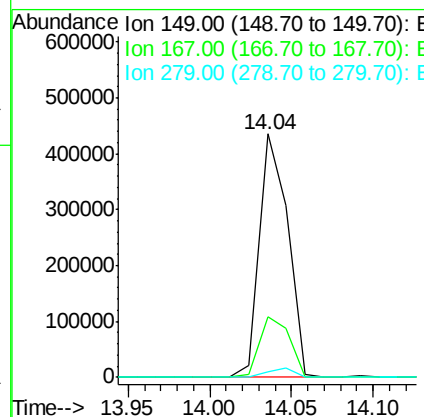
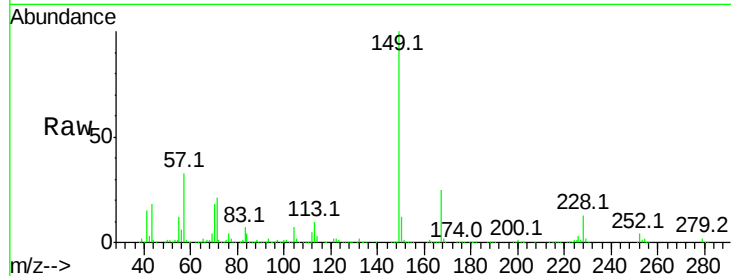
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 33.39 ng
 RT: 14.04 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	24.9	21.3	31.9
279	2.1	2.6	4.0#

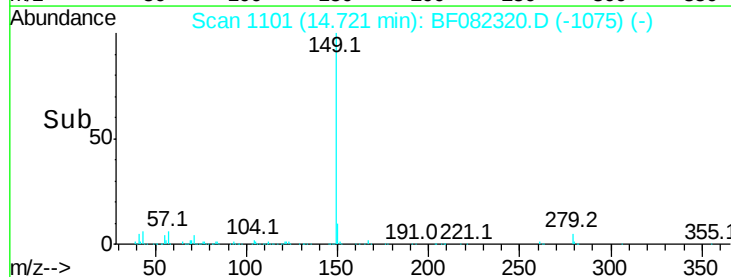
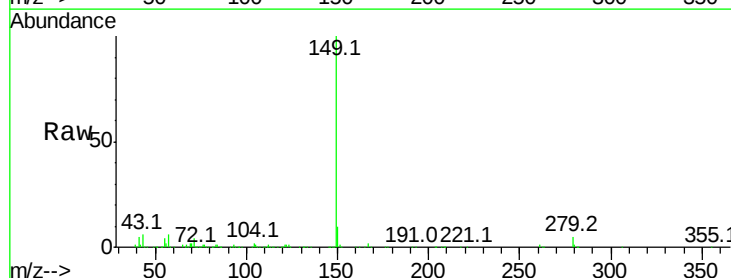
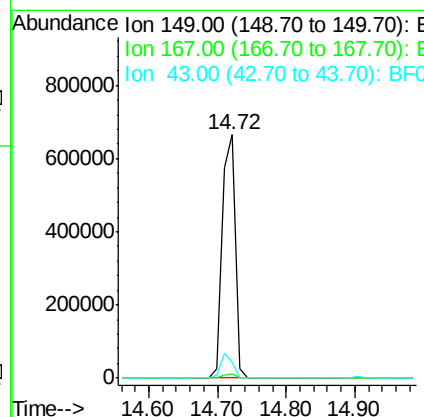
Manual Integrations
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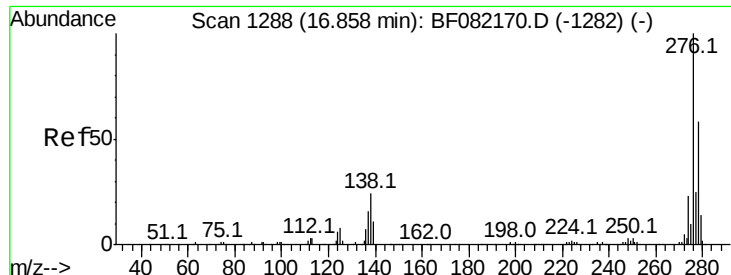
MMdadoda
 10/19/2015 5:32:02 PM



#84
 Di-n-octyl phthalate
 Concen: 32.75 ng
 RT: 14.72 min Scan# 1101
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.2	7.4	11.2





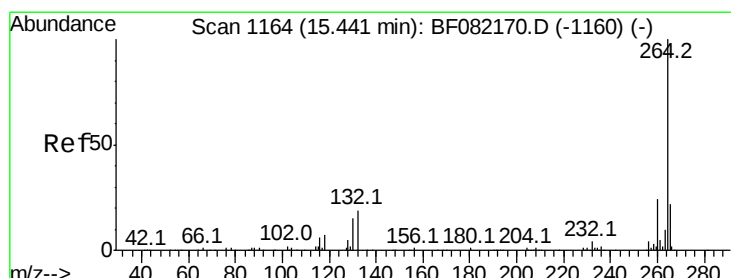
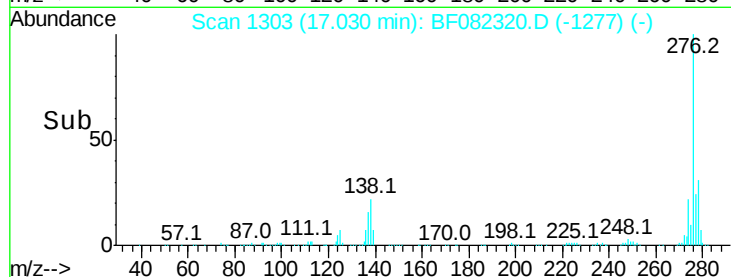
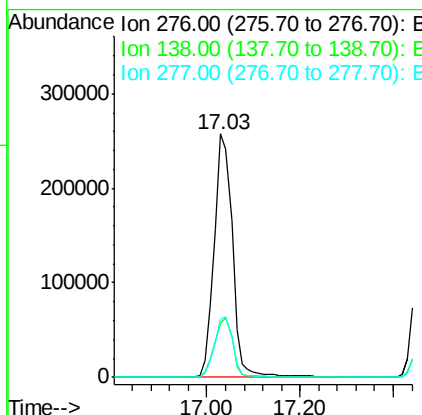
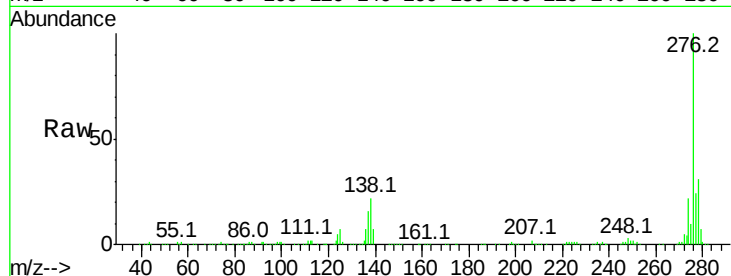
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.30 ng
 RT: 17.03 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.7	29.5
277	25.0	20.1	30.1

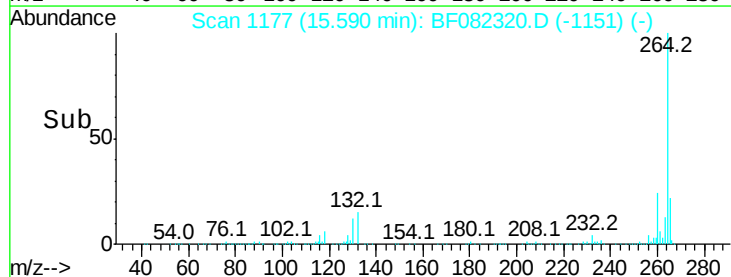
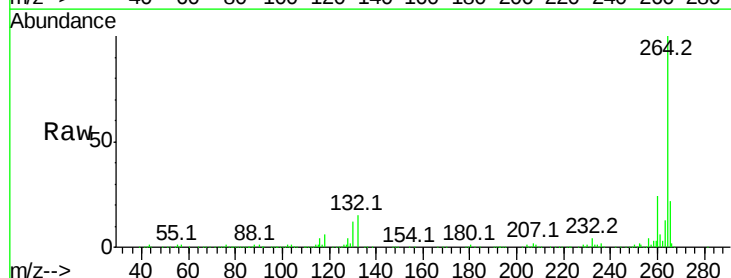
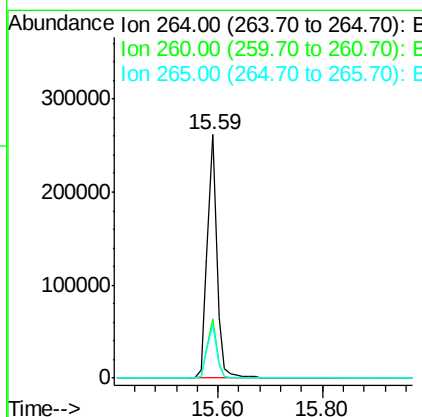
Manual Integrations
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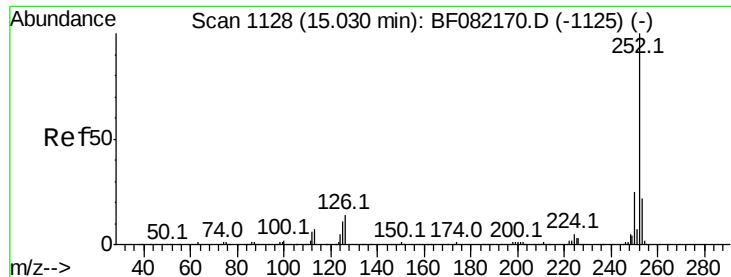
MMdadoda
 10/19/2015 5:32:02 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.9	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 34.07 ng

RT: 15.17 min Scan# 1140

Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Instrument :

BNA_F

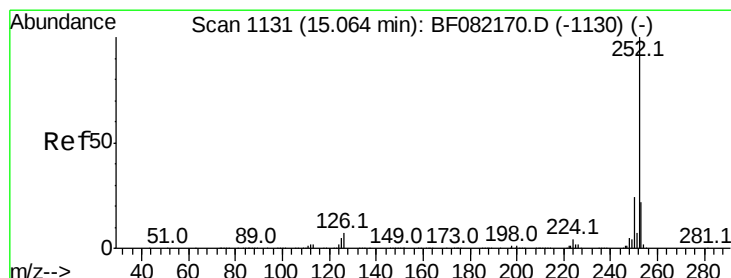
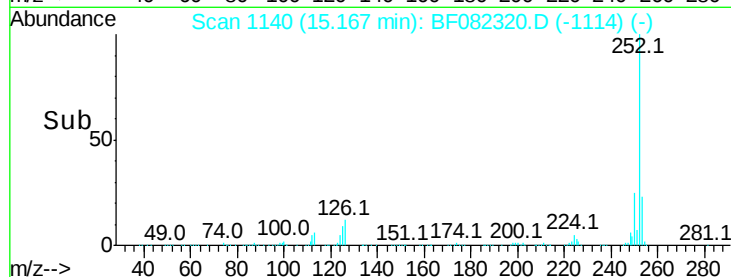
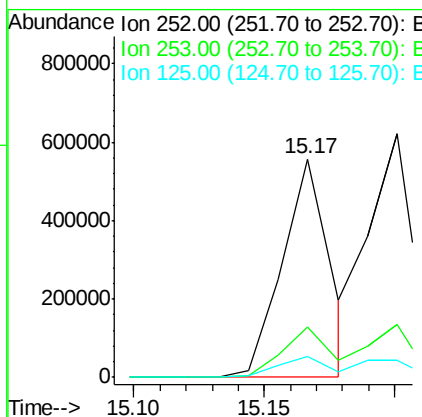
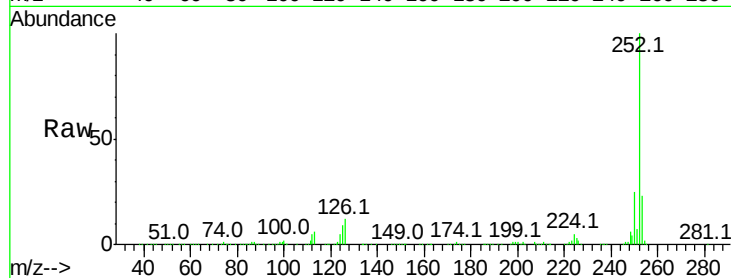
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	9.3	8.6	12.8

Manual Integrations
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MMdadoda
10/19/2015 5:32:02 PM



#88

Benzo(k)fluoranthene

Concen: 42.93 ng m

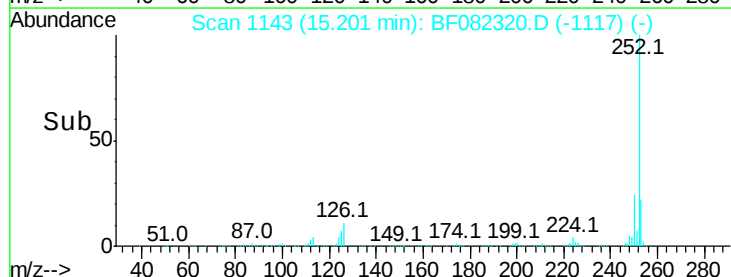
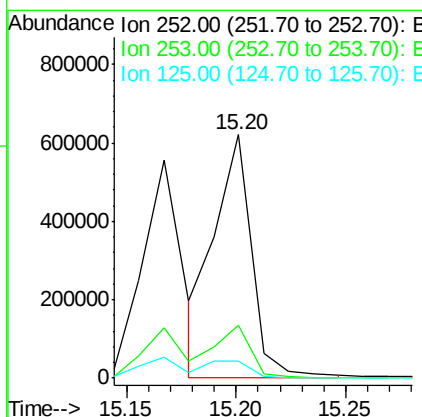
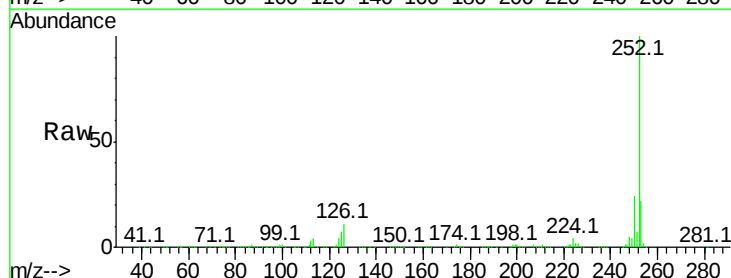
RT: 15.20 min Scan# 1143

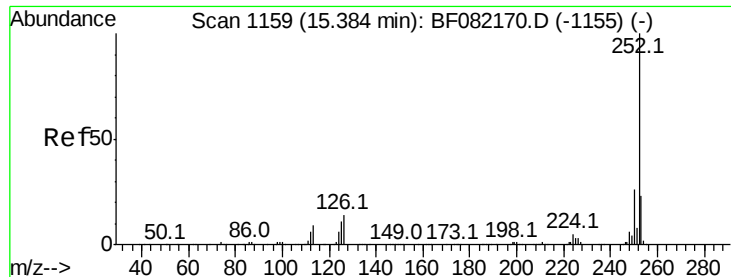
Delta R.T. 0.00 min

Lab File: BF082320.D

Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.8	26.6
125	7.2	6.7	10.1





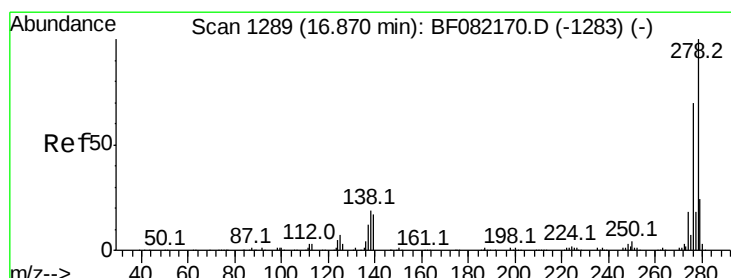
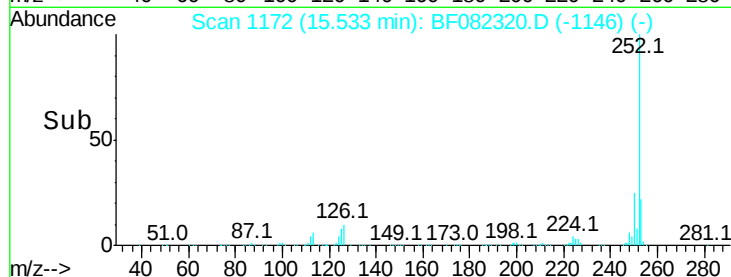
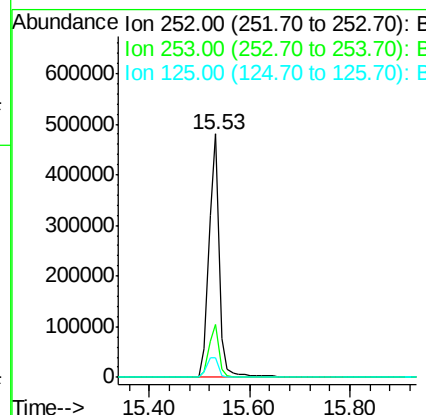
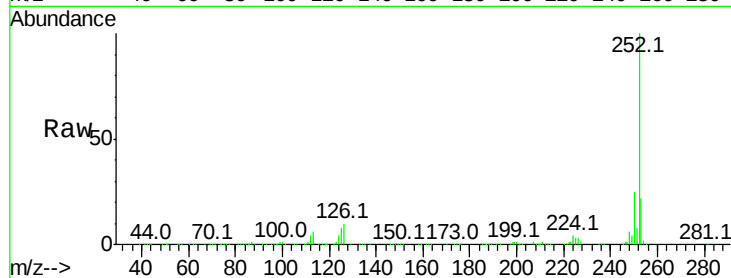
#89
Benzo(a)pyrene
Concen: 38.18 ng
RT: 15.53 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	8.2	8.9	13.3

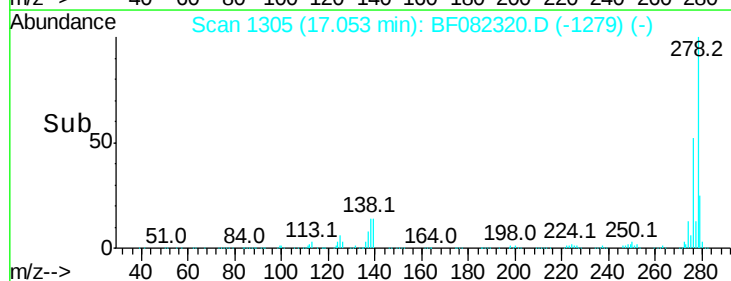
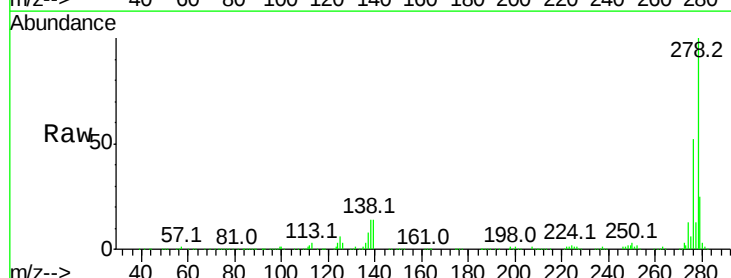
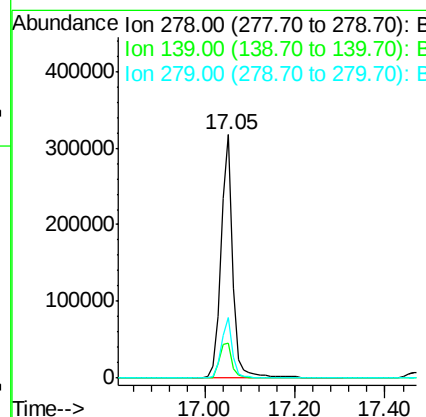
Manual Integrations
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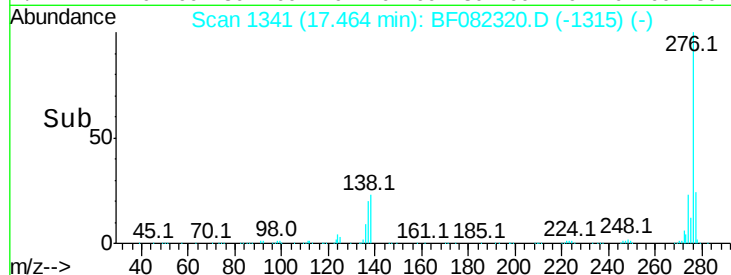
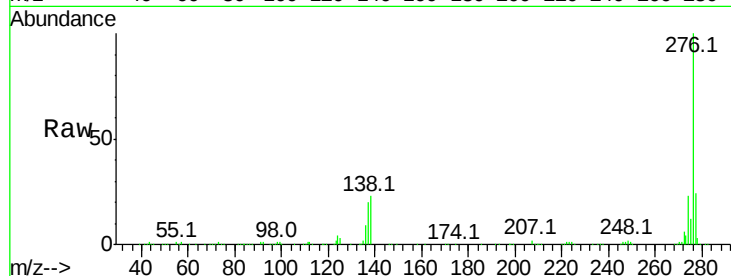
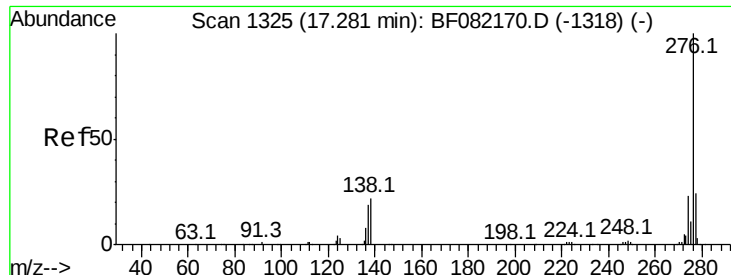
MMdadoda
10/19/2015 5:32:02 PM



#90
Dibenzo(a,h)anthracene
Concen: 40.05 ng
RT: 17.05 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BF082320.D
Acq: 16 Oct 2015 11:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.3	19.9
279	24.6	18.9	28.3





#91
 Benzo(a,h,i)perylene
 Concen: 40.66 ng
 RT: 17.46 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: BF082320.D
 Acq: 16 Oct 2015 11:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	571517
Ion Ratio	Lower	Upper	
276	100		
277	23.8	18.8	28.2
138	22.8	17.4	26.2

Manual Integrations
 APPROVED

MMdadoda
 10/19/2015 5:32:02 PM

